THE CITY OF WATERTOWN

SITE PLAN REVIEW COMMITTEE MEETING AGENDA

MONDAY, SEPTEMBER 26, 2022 AT 1:30 PM

MUNICIPAL BUILDING, 106 JONES STREET, WATERTOWN, WI - SECOND FLOOR, ROOM 2044

In Person: Room 2044, Second Floor, Municipal Building, 106 Jones Street, Watertown, WI
By Phone or GoToMeeting: Members of the media and the public may attend by calling:
(Toll Free): 1 866 899 4679 **Access Code:** 510-230-245 or https://meet.goto.com/510230245
All public participants' phones will be muted during the meeting except during the public comment period.

1. **CALL TO ORDER**
2. **APPROVAL OF MINUTES**
   - A. Review and take action: Site Plan Review Committee minutes dated August 22, 2022
   - B. Review and take action: Site Plan Review Committee minutes dated September 12, 2022
3. **BUSINESS**
   - A. Review and take action: 537 Milford Street – Erect a garage greater than 15 feet in height and 1,000 square feet in area
   - B. Review and take action: 672 Johnson Street – exterior and interior renovation
4. **ADJOURNMENT**

Persons requiring other reasonable accommodations for any of the above meetings, may contact the office of the City Clerk at mdunneisen@CityofWatertown.org, phone 920-262-4006

A quorum of any City of Watertown Council, Committee, Board, Commission, or other body, may be present at this meeting for observing and gathering of information only

SITE PLAN REVIEW COMMITTEE
August 22, 2022

The Site Plan Review Committee met on the above date at 1:30 P.M. in the Council Chambers of City Hall as well as via GotoMeeting. The following members were present: Jacob Maas, Robert Kaminski, Mike Zitelman, Anthony Rauterberg, Doug Zwieg, Maureen McBroom, Alex Allon, and Kristine Butteris. Also present were Kevin Schmidt of Fisher Barton; and Eric Grunewald, McKenna Grunewald. Scott Grunewald, and Al Grunewald of Elite Lock & Key.

1. **Call to Order**
   The meeting was called to order by Chairperson Jacob Maas.

2. **Review and approve Site Plan Review Committee Minutes Dated July 11, 2022**
   Motion was made by Doug Zwieg and seconded by Anthony Rauterberg to approve the July 11, 2022 Site Plan Review minutes as submitted. Unanimously approved.

3. **Review and take action: 300 Air Park Drive – Erect a lean-to over scrap metal area**
   Kevin Schmidt was present to discuss the proposal.

   The following was presented by city staff:

Building:	This project will require a commercial building permit with stamped architectural plans.
Engineering:	If at any time 3,000 square feet or more of land is disturbed an erosion control/stormwater runoff permit will be required.
Zoning:	This will be going to the September 26, 2022 Plan Commission meeting for a public hearing for a group development request.

   Motion was made by Anthony Rauterberg and seconded by Mike Zitelman to approve this item subject to the following conditions:

   A) Stamped architectural plans shall accompany a commercial building permit application form for review by Building, Safety & Zoning.
   B) If at any time 3,000 square feet or more of land is disturbed an erosion control/stormwater runoff permit will be required.

   Unanimously approved.

4. **Discussion: 820 E. Main Street – Planned Unit Development: Concept Review**
   This is addressing the use of the current facilities. There will not be any construction at this location. The property owner is looking to operate a Vehicle Repair and Maintenance land use at this location. This is not an allowable principal land use within the current zoning of CB, Central Business.

   Mr. Grunewald was present to answer any questions staff had. The following was presented by city staff:

Fire:	A knox box will be required as well as an inspection prior to operation.
Zoning:	This is going into the Planned Unit Development process because in 2003 the city rezoned this area to the CB, Central Business District and disallowed vehicle repair and maintenance in the downtown area. The previous business at this location, which was legal non-conforming, has not been in operation for more than 365 days which makes this use invalid at this location.

   No action is required on this item since this is at a concept review level. A public hearing at the Common Council will be forthcoming.

5. **Adjournment**
   Motion was made and seconded to adjourn. Unanimously approved.

Respectfully submitted,
Nikki Zimmerman, Recording Secretary

NOTE: These minutes are uncorrected, and any corrections made thereto will be noted in the proceedings at which these minutes are approved.

SITE PLAN REVIEW COMMITTEE
September 12, 2022

The Site Plan Review Committee met on the above date at 1:30 P.M. in the Council Chambers of City Hall as well as via GotoMeeting. The following members were present: Jacob Maas, Doug Zwieg, and Ritchie Pitlz. Also in attendance was Nikki Zimmerman.

1. **Call to Order**
   Due to lack of quorum, the meeting was tabled to September 26, 2022 by Chairperson Jacob Maas.

Respectfully submitted,
Nikki Zimmerman, Recording Secretary

NOTE: These minutes are uncorrected, and any corrections made thereto will be noted in the proceedings at which these minutes are approved.

537 Milford Street

Parcels

N

THE CITY OF WATERTOWN
Opportunity runs through it.

City of Watertown Geographic Information System

Scale: 1 inch = 50 feet
SCALE BAR = 1"

Printed on: July 26, 2022
Author: Private User

DISCLAIMER: This map is not a substitute for an actual field survey or onsite investigation. The accuracy of this map is limited to the quality of the records from which it was assembled. Other inherent inaccuracies occur during the compilation process. City of Watertown makes no warranty whatsoever concerning this information.

MSA Memo

To: City of Watertown Plan Commission

From: Brian Kehrli, P.E., Team Leader

Subject: Watertown Innovation Hub Development – 672 Johnson Street

Date: September 19, 2022

Plan Commission Members,

Watertown Collective c/o Greater Watertown Community Health Foundation is planning a project at the former Bethesda Lutheran Communities Corporate Center at 672 Johnson Street (mailing address 600 Hoffman Drive). The project includes interior remodeling of offices, including repurposing certain areas, along with partial site improvements.

Project Improvements/Rehabilitation

- Remove and replace portions of the front entrance driveway and sidewalk
- Expand green/landscaped areas at the front entrance.
- Add sidewalk to the west side of the building
- Add a small area to the north parking lot
- Add a new playground area north of the north parking lot
- Add a sidewalk between the north side of the building and the playground
- Remove and replace the sidewalk and planters on the east side of the building.
- Remove and replace portions of the asphalt in the east driveway near the existing sculpture.

Submittals

- Application for Site Plan Review
- Memo to Plan Commission
- One set of digital plans including building remodeling plans and site plans, landscaping, and grading.

Site Plan Application Clarifying Remarks

1. Conformance with Master Zoning Plan/Official Map/Zoning Map
    - The project will not include new roadways or a new or expanded building
    - Storm water drainage will be altered slightly, but with a site reconstruction, no ‘detention’ is required.
    - There is a flood plain on the far east side of the site, but this area will not be disturbed.
    - There is a new playground area that will be constructed with the project, but it will be for private use.
2. Land Resources
    - There will be a slight change in grading onsite. There are no easement through the site for drainageways.
    - The site is approximately 1.0 miles north of the airport, but no work will be completed on the exterior of the building that would change current elevations.
3. Transportation and Communications

1230 SOUTH BOULEVARD, BARABOO, WI 53913
P (608) 356-2771 • TF (800) 362-4505 • F (608) 356-2770
WWW.MSA-PS.COM

MEMO
September 19, 2022

- We know of no main utilities (wet or dry) that traverse the site that would be impacted by the proposed work.
- There are no utility easements on the site that will be affected by the proposed work.
- One driveway will be affected. This driveway along Johnson Street will have adequate site distance both north and south as the grade of the driveway and Johnson Street will not change.
- The number of parking stalls will increase slightly. The number and location of parking stalls will satisfy owner requirements.
- A truck loading and unloading area will be provided
- There is no wastewater effluent issues from this building.

4. Recycling Plan – The use within the building will change slightly, but the recycling plan will need to be implemented by the building owner.
5. No Respose.
6. The building occupancy is shown in the application. The sprinkler system was not changed or altered with the project. There are no formal plans to complete additional work at the building at this time.

GWCHF

WATERTOWN COLLECTIVE, LLC.

600 HOFFMANN DRIVE, WATERTOWN, WI 53094

PLUNKETT RAYSICH
ARCHITECTS, LLP

209 south water street, milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 240 9900
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8845
311 canyon wren drive, buda, tx 78610 t 737 525 0900

WISCONSIN JASON W. PUESTOW 10915 OCONOMOWOC WI ARCHITECT
8/19/2022

SHEET INDEX

GENERAL
000 TITLE SHEET

CIVIL
C100 EXISTING AND DEMOLITION SITE PLAN
C200 PROPOSED SITE
C201 SITE GRADING PLAN
C202 EROSION CONTROL PLAN
C203 PAVEMENT MARKING AND SIGNING PLAN
C204 FENCE PLAN
C500 CIVIL DETAILS
C501 CIVIL DETAILS
C502 CIVIL DETAILS
C503 CIVIL DETAILS
C504 CIVIL DETAILS

LANDSCAPE
L101 LANDSCAPING PLAN
L501 PLANTER DETAILS
L502 LANDSCAPING DETAILS

ARCHITECTURAL
A050 CODE WORKSHEETS/PLANS
A051 CODE WORKSHEETS
A052 FIRE PROOFING PLAN
A100 GROUND FLOOR DEMOLITION PLAN
A101 FIRST FLOOR DEMOLITION PLAN
A102 SECOND FLOOR DEMOLITION PLAN
A200 GROUND FLOOR PLAN
A201 FIRST FLOOR PLAN
A202 SECOND FLOOR PLAN
A210 ENLARGED FLOOR PLANS
A220 ROOF PLANS
A230 GROUND FLOOR FINISHES PLANS
A231 FIRST FLOOR FINISHES PLANS
A232 SECOND FLOOR FINISHES PLANS
A300 GROUND FLOOR REFLECTED CEILING PLAN
A301 FIRST FLOOR REFLECTED CEILING PLAN
A302 SECOND FLOOR REFLECTED CEILING PLAN
A400 EXTERIOR ELEVATIONS
A600 EXTERIOR DETAILS
A800 INTERIOR ELEVATIONS
A801 INTERIOR ELEVATIONS
A802 INTERIOR ELEVATIONS
A803 INTERIOR ELEVATIONS
A810 INTERIOR DETAILS
A811 INTERIOR DETAILS
A812 INTERIOR DETAILS
A813 INTERIOR DETAILS
A890 ABBREVIATIONS, ROOM FINISH AND MATERIAL SCHEDULES
A891 DOOR SCHEDULE, DOOR TYPES, AND FRAME ELEVATIONS

FOOD SERVICE - FOR REFERENCE ONLY
FS1 FOODSERVICE LAYOUT
FS2 FOODSERVICE MEP SCHEDULE
FS3 EXHAUST HOOD SHOP DRAWING
FS4 WALK-IN SHOP DRAWING

STRUCTURAL
S001 STRUCTURAL NOTES
S200 FOUNDATION PLAN
S201 FIRST FLOOR FRAMING PLAN
S202 SECOND FLOOR FRAMING
S203 ROOF FRAMING PLAN
S800 FOUNDATION DETAILS
S810 FRAMING DETAILS

FIRE PROTECTION
FP001 SYMBOLS & ABBREVIATIONS
FP100 GROUND FLOOR DEMOLITION PLAN
FP101 FIRST FLOOR DEMOLITION PLAN
FP102 SECOND FLOOR DEMOLITION PLAN
FP200 GROUND FLOOR PLAN
FP201 FIRST FLOOR PLAN
FP202 SECOND FLOOR PLAN

PLUMBING
P001 SYMBOLS & ABBREVIATIONS
P100 FOUNDATION DEMOLITION PLAN
P101 GROUND FLOOR DEMOLITION PLAN
P102 FIRST FLOOR DEMOLITION PLAN
P103 SECOND FLOOR DEMOLITION PLAN
P200 FOUNDATION PLAN
P201 GROUND FLOOR PLAN
P202 FIRST FLOOR PLAN
P203 SECOND FLOOR PLAN
P300 SANITARY DWV ISOMETRIC
P301 SANITARY DWV AND STORM ISOMETRIC
P302 DOMESTIC WATER ISOMETRIC
P400 DETAILS
P401 DETAILS
P500 SCHEDULES
P501 SCHEDULES

MECHANICAL
M001 MECHANICAL - SCHEDULES & DETAILS
M002 MECHANICAL - DETAILS
M100 MECHANICAL - GROUND FLOOR DEMOLITION PLAN
M101 MECHANICAL - FIRST FLOOR DEMOLITION PLAN
M102 MECHANICAL - SECOND FLOOR DEMOLITION PLAN
M200 MECHANICAL - GROUND FLOOR PLAN
M201 MECHANICAL - FIRST FLOOR PLAN
M202 MECHANICAL - SECOND FLOOR PLAN
M300 MECHANICAL - ROOF PLAN

ELECTRICAL
E000 SITE PLAN - ELECTRICAL
E100 GROUND FLOOR DEMOLITION - ELECTRICAL
E101 FIRST FLOOR DEMOLITION - ELECTRICAL
E102 SECOND FLOOR DEMOLITION - ELECTRICAL
E200L GROUND FLOOR - LIGHTING
E200P GROUND FLOOR - POWER
E201L FIRST FLOOR - LIGHTING
E201P FIRST FLOOR - POWER
E202L SECOND FLOOR - LIGHTING
E202P SECOND FLOOR - POWER
E203 ENLARGED KITCHEN PLAN
E300 FIRE ALARM PLANS
E301 KEYLESS ENTRY & CCTV PLANS
E400 ONE LINE & SCHEDULES
E500 DETAILS
E501 DETAILS, FIXTURE & MOTOR SCHEDULES

PROJECT INFORMATION

PROJECT DATE:	08-19-22
PRA PROJECT NUMBER:	220040-01
DRAWING SET:	CONSTRUCTION SET

APPLICABLE CODES AND ZONING

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 361-366)
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 INTERNATIONAL BUILDING CODE
ASSEMBLY OCCUPANCY, GROUP A-3 (GROUND FLOOR)
EDUCATION OCCUPANCY, GROUP E (FIRST FLOOR)
BUSINESS OCCUPANCY, GROUP B (SECOND FLOOR)

ZONING: CITY OF WATERTOWN ORDINANCES

CONSTRUCTION CLASSIFICATION

ALTERATION LEVEL 3
TYPE OF CONSTRUCTION, UNPROTECTED, TYPE 2B - SPRINKLERED

BUILDING AREA

OVERALL FOOTPRINT	**22,947 SF**	
EXISTING		
GROUND FLOOR	22,947 SF	
FIRST FLOOR	17,262 SF	
SECOND FLOOR	15,496 SF	
EXISTING TOTAL	**55,706 SF**	
ALTERATIONS		
GROUND FLOOR	14,847 SF	
FIRST FLOOR	14,553 SF	
SECOND FLOOR	5,564 SF	
ALTERATION TOTAL	**34,965 SF**	**62.7% BUILDING AREA**

PROJECT LOCATION

PROJECT TEAM

CONSTRUCTION MANAGER
MAAS BROTHERS CONSTRUCTION, INC. (UNDER SEPARATE CONTRACT) TEL(920) 261-1682

CIVIL
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

LANDSCAPE
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

FOOD SERVICE
STEWART DESIGN ASSOCIATES, INC. TEL(608) 271-8554

WISCONSIN STEVEN J. ROLOFF E-25388 MENOMONEE FALLS, WI PROFESSIONAL ENGINEER
8/19/22

STRUCTURAL
RASMITH, INC. TEL(262) 317-3334

FIRE PROTECTION
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

PLUMBING
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

WISCONSIN KENNETH A. SORENSEN D-1490-H Green Bay, Wis. REGISTERED PROFESSIONAL ENGINEER
08-19-2022

MECHANICAL
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

ELECTRICAL
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

AUDIO VISUAL
MSA PROFESSIONAL SERVICES TEL(608) 242-7779

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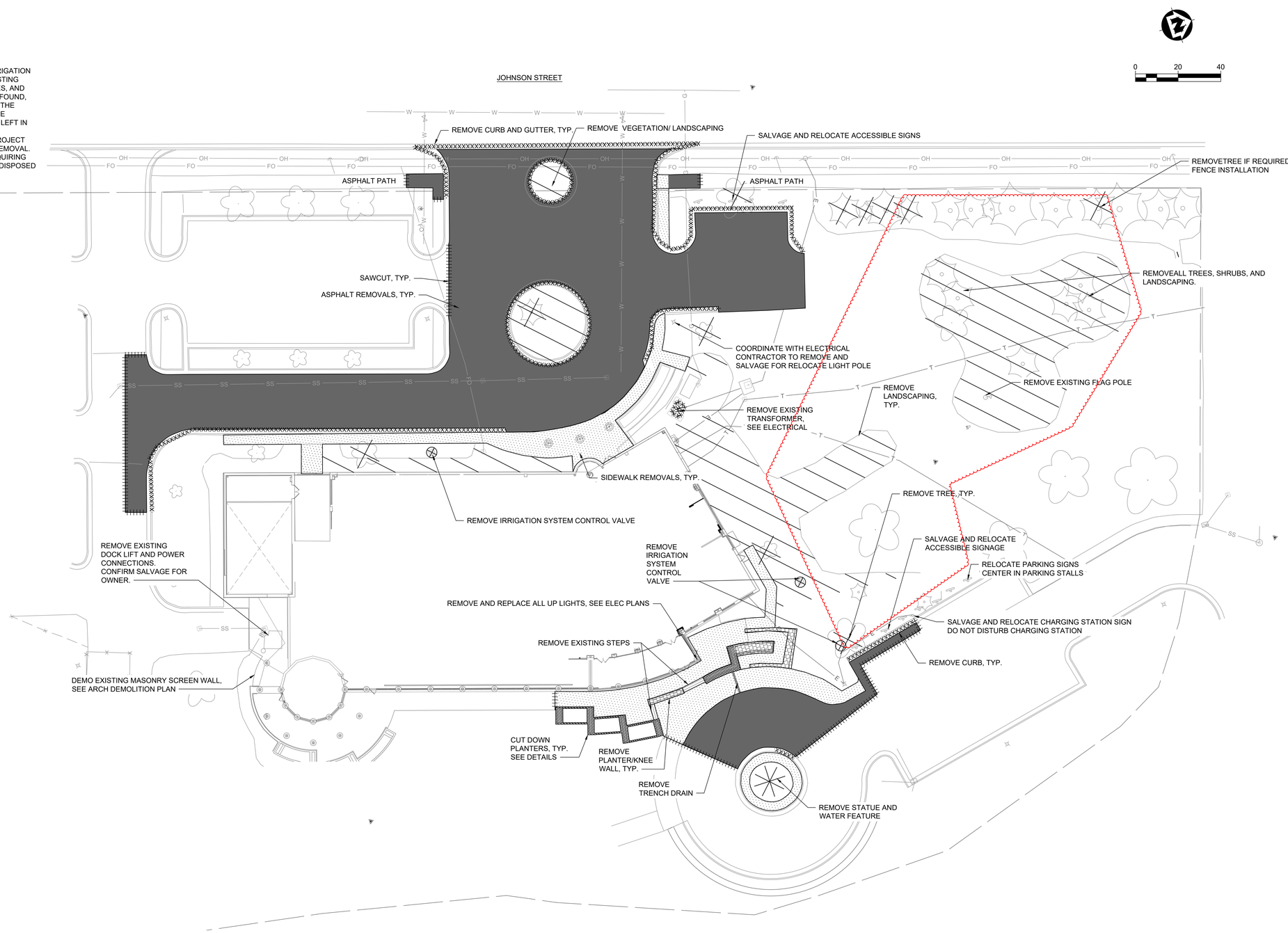
PRA PROJECT # 220040-01

NOTE:
THERE IS AN EXISTING IRRIGATION SYSTEM ON SITE. ALL EXISTING SPRINKLER HEADS, VALVES, AND OTHER APPURTENANCES FOUND, SHALL BE SALVAGED FOR THE OWNER. ALL PIPE SHALL BE CAPPED, SEAL TIGHT AND LEFT IN PLACE IF OTHER WORK ASSOCIATED WITH THE PROJECT DOES NOT REQUIRE ITS REMOVAL. ANY IRRIGATION PIPE REQUIRING FULL REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR.



209 south water street, milwaukee, wisconsin 53204 t 414.319.3900
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.9900
1970 main street, suite 309, sarasota, florida 34236 t 941.444.6800
311 canyon rivers dr, buda, tx 78610 t 737.525.0900

PLUNKETT RAYSICH ARCHITECTS, LLP

ENGINEERING DESIGN BY
MSA
(800) 362-4505 • www.msa-ps.com

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

EXISTING AND DEMOLITION SITE PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: C100 6

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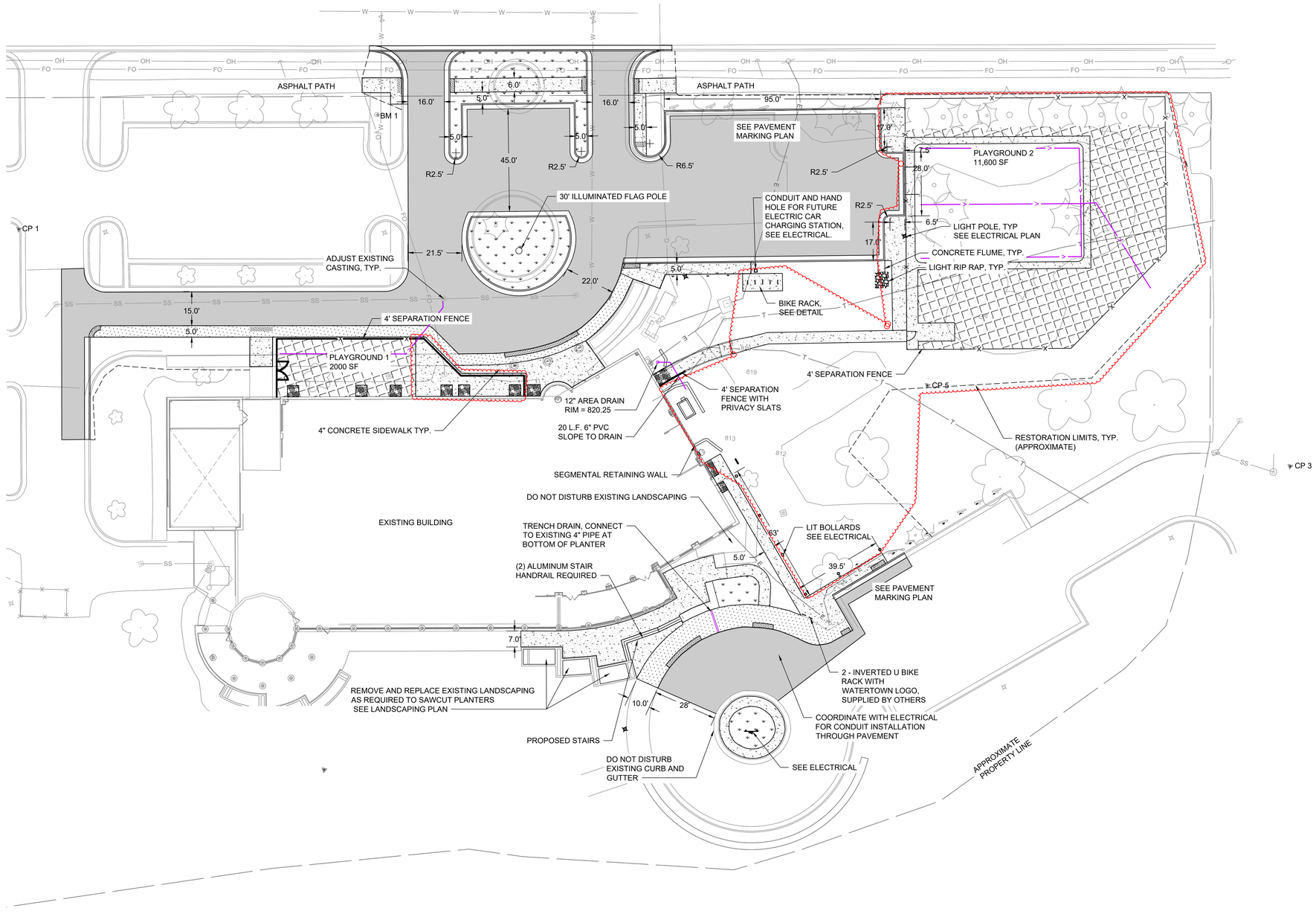
DRAWN BY: — 9/4/2022 10:56:55 AM

BENCHMARK TABLE				
NAME	NORTHING	EASTING	DESCRIPTION	ELEVATION
BM1	623862.7350	874446.1820	BURY TAG BOLT	827.1400
CP1	623697.5040	874445.0090	CUT X	823.5400
CP3	624195.6260	874716.1900	CUT X	807.4700
CP5	624055.2800	874633.2920	SPIKE	818.0900

LEGEND

- 3.5-INCH ASPHALT PAVEMENT
- 4-INCH CONCRETE SIDEWALK
- INTEGRAL CURB AND WALK
- PLAYGROUND AREA TYPICAL TURF RESTORATION
- DETECTABLE WARNING FIELD
- CONCRETE STOOP SEE ARCHITECTURAL/STRUCTURAL
- TURF RESTORATION UNLESS NOTED IN LANDSCAPING PLAN



209 south water street, milwaukee, wisconsin 53204 t 414 339 4780
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 68
311 canyon view dr, buda, tx 78610 t 737 525 09

PLUNKETT RAYSICH ARCHITECTS, LLP

ENGINEERING DESIGN BY MSA
(800) 362-4505 • www.msa-ps.com

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

PROPOSED SITE PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: C200

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BENCHMARK TABLE				
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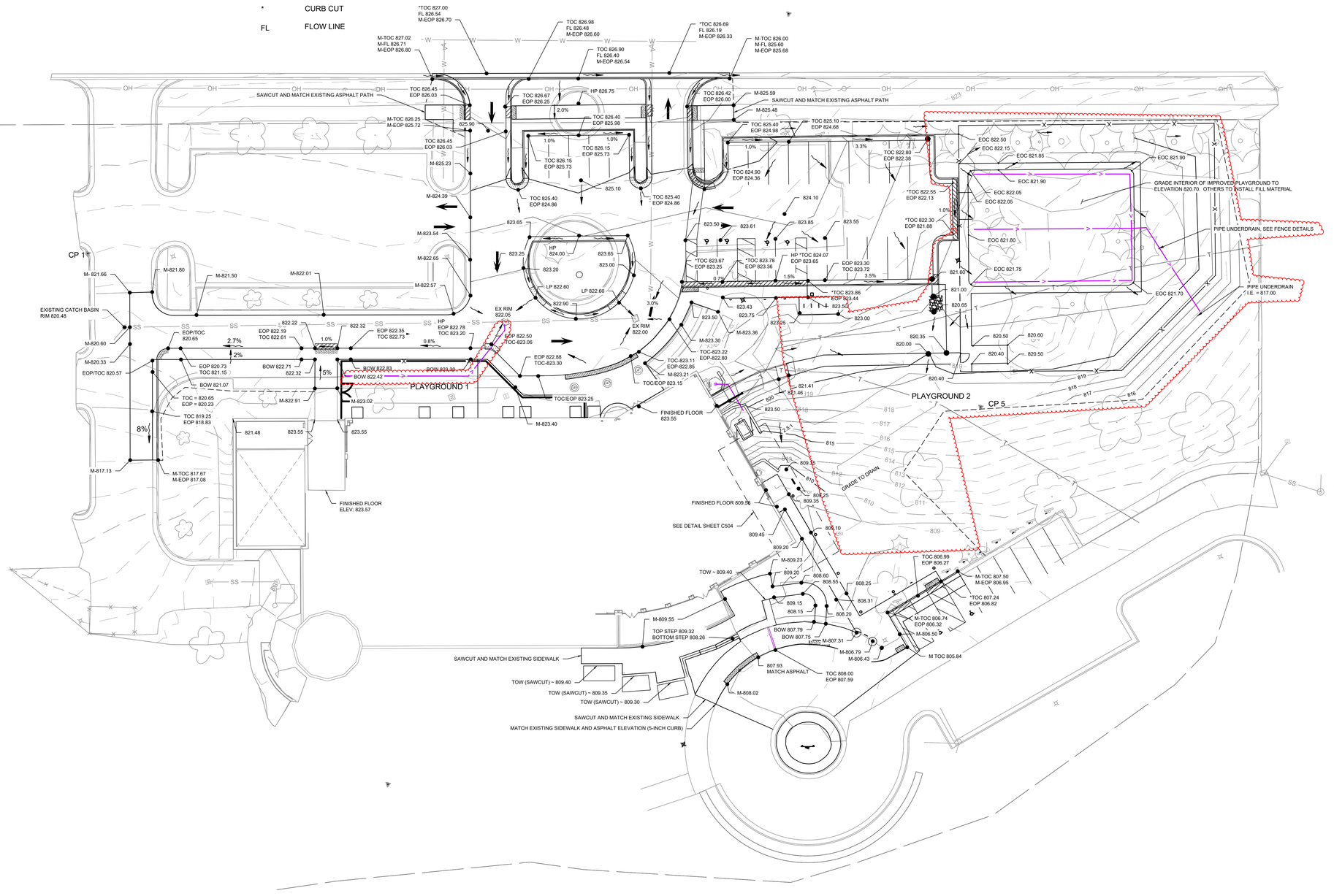
CP1	623697.5040	874445.0090	CUT X	823.5400
CP3	624195.6260	874716.1900	CUT X	807.4700
CP5	624055.2800	874633.2920	SPIKE	818.0900

LEGEND

- ADA CURB/CURB CUT
- REJECT CURB
- M- TOC 827.02 / M- EOP 826.86 — MATCH EXISTING TOC ELEV. MATCH EOP ELEV.
- M-XXX.XX — MATCH EXISTING ELEVATION
- XXX.XX — EOP SPOT ELEVATION
- BOW XXX.XX — BACK OF WALK ELEVATION
- XXX.XX — REFERENCE ELEVATION
- EOP/EOC — EDGE OF PAVEMENT/CONCRETE
- TOC — TOP OF CURB
- DIRECTION OF FLOW
- HP — HIGH POINT
- LP — LOW POINT
- * — CURB CUT
- FL — FLOW LINE

0 20 40



209 south water street, milwaukee, wisconsin 53204 t 414 289 9569
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9569
1970 main street, suite 309, sarasota, florida 34236 t 941 444 6868
311 canyon ventral, buda, tx 78610 t 737 525 0969

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GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

SITE GRADING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: C201

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DRAWN BY: — 9/4/2022 2:51:39 PM

LEGEND

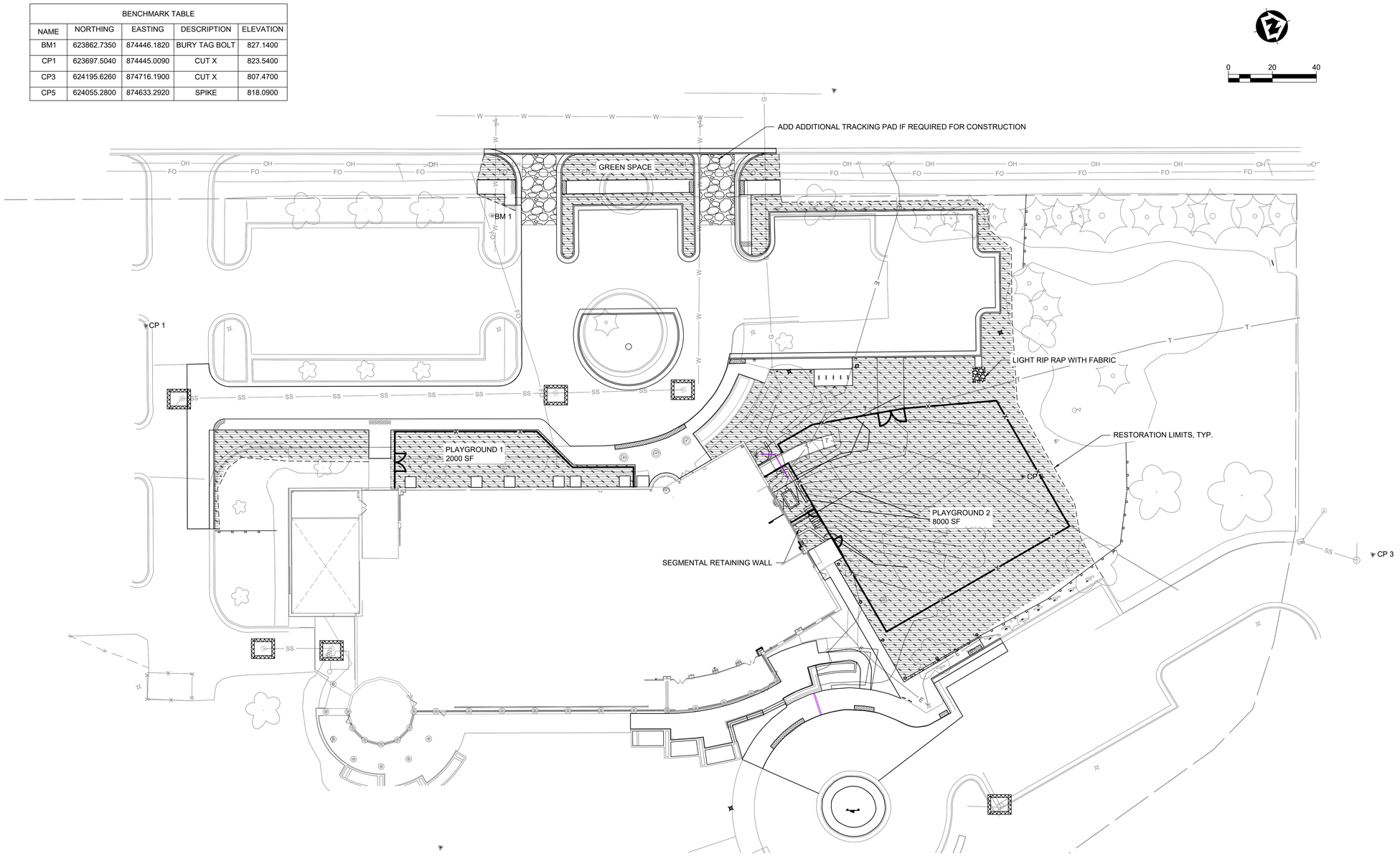
INLET PROTECTION

SILT FENCE

TRACKING PAD

EROSION CONTROL MAT
REQUIRED IN ALL DISTURBED AREAS

BENCHMARK TABLE				
NAME	NORTHING	EASTING	DESCRIPTION	ELEVATION
BM1	623862.7350	874446.1820	BURY TAG BOLT	827.1400
CP1	623697.5040	874445.0090	CUT X	823.5400
CP3	624195.6260	874716.1900	CUT X	807.4700
CP5	624055.2800	874633.2920	SPIKE	818.0900



209 south water street, milwaukee, wisconsin 53204 t 414 339 3670
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9900
1970 main street, suite 300, sarasota, florida 34236 t 941 444 6888
311 canyon rivers dr, buda, tx 78610 t 737 525 0900

PLUNKETT RAYSICH ARCHITECTS, LLP

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MSA
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GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

EROSION CONTROL PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: C202

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DRAWN BY: — 8/18/2022 3:52:07 PM

BENCHMARK TABLE				
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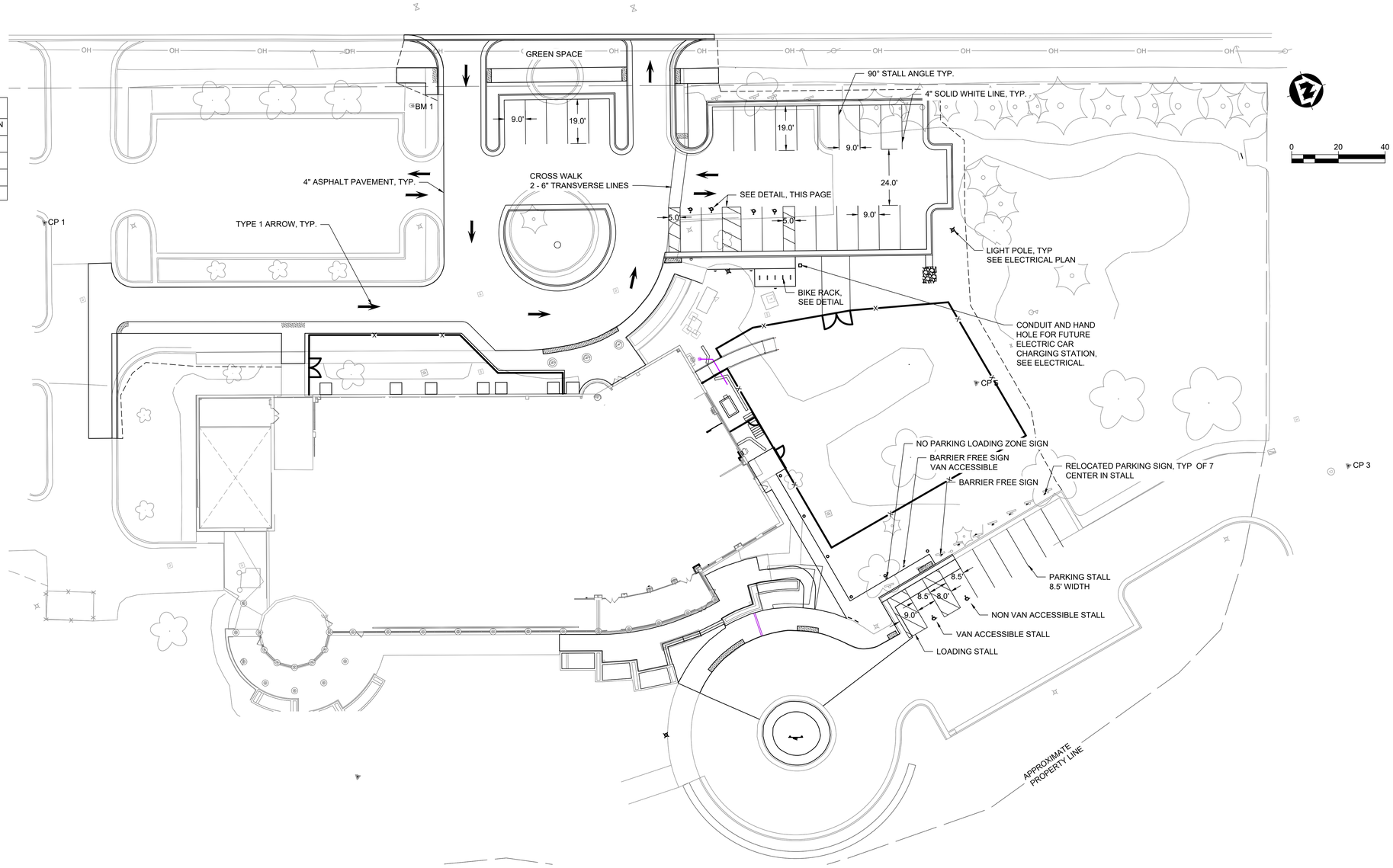
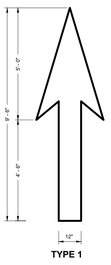
CP3	624195.6260	874716.1900	CUT X	807.4700
CP5	624055.2800	874633.2920	SPIKE	818.0900

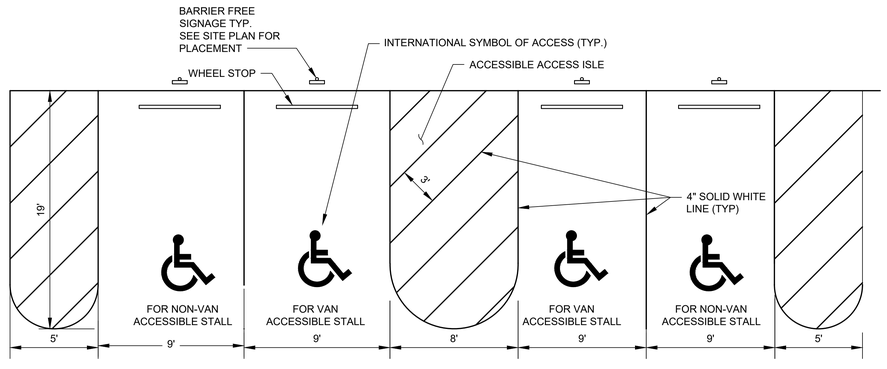




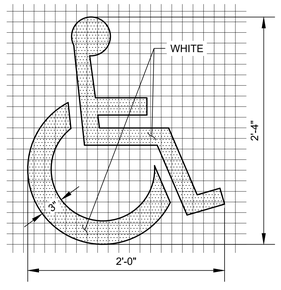
TYPE 1 ARROW
NO SCALE

R7-6D
18"X24"

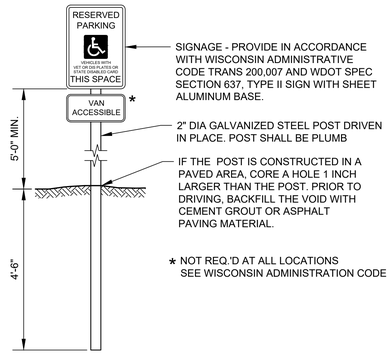
NO PARKING LOADING ZONE SIGN
NO SCALE



ACCESSIBLE PARKING STALL
NO SCALE



INTERNATIONAL SYMBOL OF ACCESS
NO SCALE



BARRIER FREE SIGNAGE
NO SCALE

GENERAL NOTES:

1. DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.
2. A DETAILED DRAWING OF THE DISABLED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.
3. WDOT SPEC. MEANS THE STATE OF WISCONSIN STANDARD SPECIFICATION FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AS AMENDED BY THE MOST CURRENT INTERIM SUPPLEMENTAL SPECIFICATION.
4. PROVIDE DISABLED PARKING STALLS AT LOCATIONS SHOWN ON THE DRAWINGS. STALL AND ACCESS ISLE DIMENSIONS SHALL BE AS SHOWN ON THE DETAIL UNLESS INDICATED OTHERWISE ON THE DRAWING.
5. PROVIDE A DISABLED SYMBOL AND BARRIER FREE SIGNAGE FOR EACH STALL SHOWN ON THE DRAWING.
6. PROVIDE WHEEL STOPS WHEN SHOWN ON THE DRAWINGS.
7. THE MAXIMUM SURFACE SLOPE, ACROSS STALLS OR ACCESSIBLE ROUTES, IN ANY DIRECTION, SHALL BE 2%.

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REVISIONS:

PAVEMENT MARKING AND SIGNING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: C203

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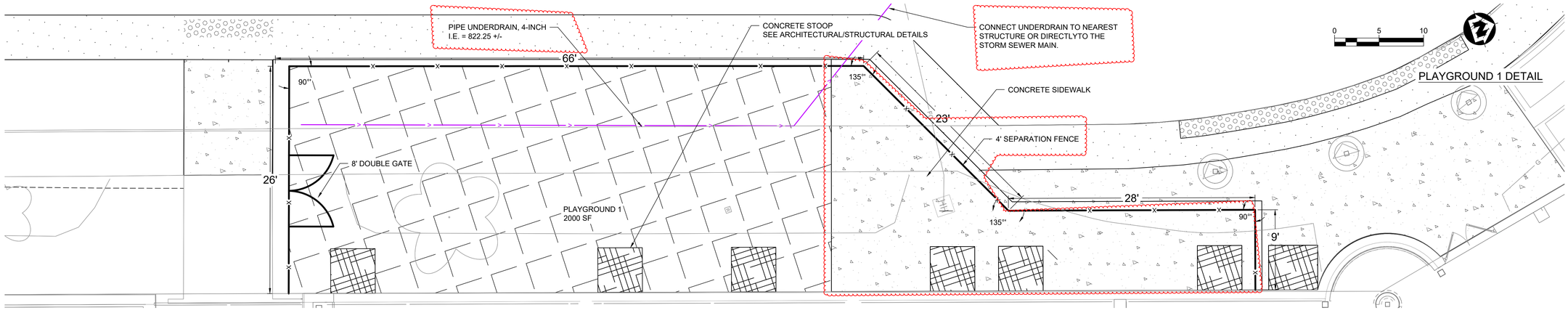

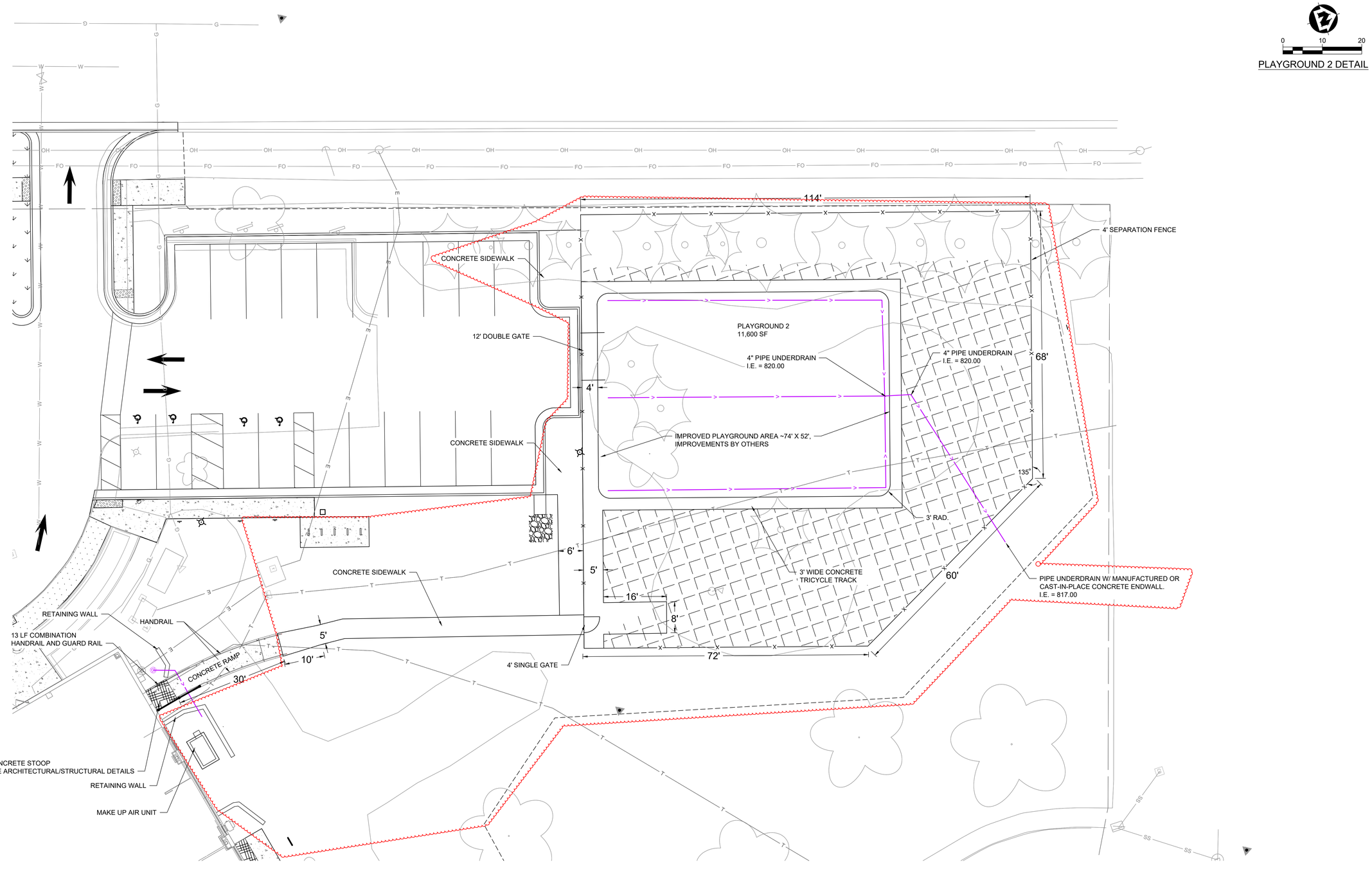

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CONSTRUCTION SITE
EROSION CONTROL REQUIREMENTS

1. SECTION NR216.46 OF WISCONSIN STATE ADMINISTRATIVE CODE IDENTIFIES REQUIREMENTS FOR CONSTRUCTION SITE AND POST-CONSTRUCTION EROSION CONTROL. IT IS THE INTENT OF THESE PLANS TO SATISFY THESE REQUIREMENTS. THE METHODS AND STRUCTURES USED TO CONTROL EROSION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL IMPLEMENT AN APPROPRIATE MEANS OF CONTROLLING EROSION DURING SITE OPERATION AND UNTIL THE VEGETATION IS RE-ESTABLISHED. ADJUSTMENTS TO THE CONTROL SYSTEM SHALL BE MADE AS REQUIRED.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN DNR'S CONSERVATION PRACTICE STANDARDS. THESE STANDARDS ARE PERIODICALLY UPDATED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND REFERENCE THE MOST RECENTLY RELEASED STANDARD.
3. THIS INFORMATION IS ONLY ONE PART OF THE OVERALL EROSION CONTROL REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY ALSO BE SHOWN ON THE CONTRACT DRAWINGS AND IN THE ACCOMPANYING SPECIFICATIONS.
4. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE OWNER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
5. THE AREA OF EROSIVE LAND EXPOSED TO THE ELEMENTS BY GRUBBING, EXCAVATION, TRENCHING, BORROW AND FILL OPERATIONS AT ANY ONE TIME SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT STABILIZATION MEASURES WITHIN 3 WORKING DAYS OF FINAL GRADING.
6. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN HAS OCCURRED. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME.
7. ALL EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE PROPERLY INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS WITHIN THEIR RESPECTIVE DRAINAGE AREAS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.
8. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY INSTALLED PRIOR TO ANY SOIL DISTURBANCE.
9. ANY SLOPES STEEPER THAN 3H:1V SHALL BE STAKED WITH EROSION CONTROL FABRIC UNLESS INDICATED ON THE PLAN.
10. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
11. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH, OR A TACKING AGENT MAY BE REQUIRED TO PROTECT NEARBY RESIDENCES AND WATER RESOURCES.
12. CHANNELIZED RUNOFF ENTERING THE PROJECT SITE FROM ADJOINING LANDS SHALL BE DIVERTED THROUGH NATURALLY OR ARTIFICIALLY EROSION-RESISTANT CONVEYANCES. IF CHANNELIZED RUNOFF CANNOT BE DIVERTED, SITE BEST MANAGEMENT PRACTICES MUST ACCOUNT FOR THE ADDITIONAL FLOW RATES AND EROSION POTENTIAL THAT SUCH RUNOFF PRESENTS.
13. THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS TO PREVENT SOILS FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED (NOT FLUSHED) PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.
14. EROSION CONTROLS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF TEMPORARY STOCKPILES. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING. ALL STOCK PILES SHALL BE PLACED AT LEAST 75 FEET FROM STREAMS OR WETLANDS.
15. ADDITIONAL EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.) SHALL INCLUDE THE FOLLOWING:
    a. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
    b. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
    c. DISCHARGE OF TRENCH WATER OR DEWATERING EFFLUENT MUST BE PROPERLY TREATED TO REMOVE SEDIMENT IN ACCORDANCE WITH THE WDNR CONSERVATION PRACTICE STANDARD 1061 - DEWATERING OR A SUBSEQUENT WDNR DEWATERING STANDARD PRIOR TO DISCHARGE INTO A STORM SEWER, DITCH, DRAINAGEWAY, OR WETLAND OR LAKE.
16. ALL DRAINAGE CULVERTS, STORM DRAIN INLETS, MANHOLES, OR ANY OTHER EXISTING STRUCTURES THAT COULD BE DAMAGED BY SEDIMENTATION SHALL BE PROTECTED ACCORDING TO THE VARIOUS METHODS PROVIDED IN THE PRINTED CONSERVATION PRACTICE STANDARDS.
17. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
18. THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION, ALL NEWLY SEEDED AND MULCHED AREAS SHALL WATERED WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
19. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BMP'S SUCH AS SILT FENCES, STRAW BALES, AND SEDIMENT TRAPS SHALL BE REMOVED AND THESE AREAS STABILIZED.
20. ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
21. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

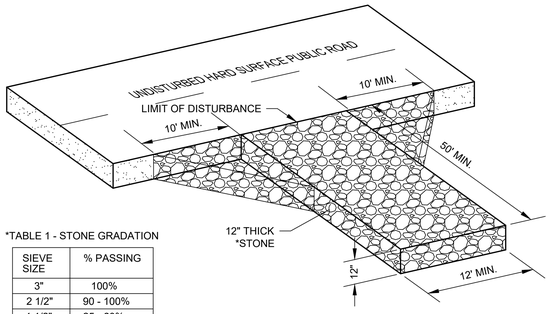
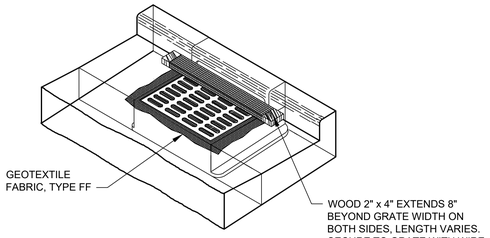


*TABLE 1 - STONE GRADATION

SIEVE SIZE	% PASSING
3"	100%
2 1/2"	90 - 100%
1 1/2"	25 - 60%
3/4"	0 - 20%
3/8"	0 - 5%

NOTES:
1. TRACKING PAD WIDTH SHALL BE AT LEAST THE FULL WIDTH OF HTE EGRESS POINT OR 12' WIDE MINIMUM.
2. TRACKING PAD LENGTH SHALL BE 50' FOR CONSTRUCTION SITES, 30' FOR SINGLE FAMILY RESIDENTIAL, OR AS SPECIFIED IN THE CONTRACT DOCUMENTS. LENGTH OF TRACKING PAD MAY NEED TO BE INCREASE OR ADDITIONAL SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED BY THE CONTRACTOR IS SEDIMENT TRACK-OUT OCCURS.
3. GEOTEXTILE FABRIC TYPE R SHALL BE INSTALLED BETWEEN THE STONE AND SUBGRADE ON SITES WHERE HIGH GROUND WATER IS OBSERVED.
4. CONTRACTOR SHALL CLEAN STREET/ROADWAY ADJACENT TO ALL CONSTRUCTION ACCESS POINTS AT THE END OF EACH WORKDAY OR MORE FREQUENTLY IF REQUESTED.

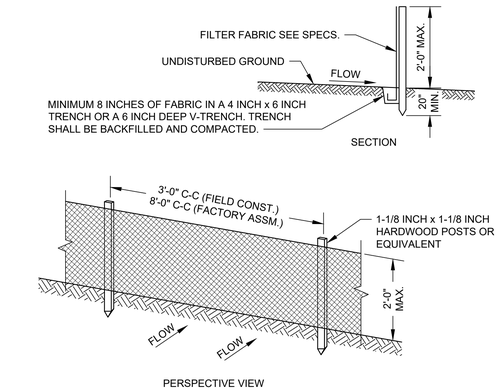
STONE TRACKING PAD
NO SCALE



INSTALLATION NOTES:

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

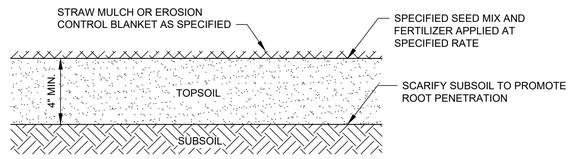
INLET PROTECTION, TYPE C
NO SCALE



GENERAL NOTES:

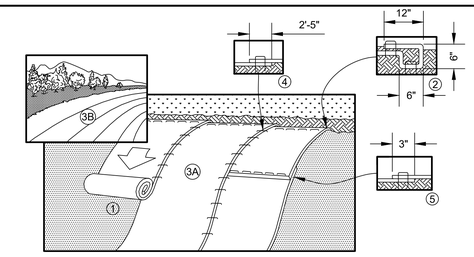
1. ENDS OF FENCE SHALL BE TURNED UPSLOPE 1 TO 2 FEET IN ELEVATION TO PREVENT FLANKING.
2. STAPLE FABRIC WITH 1/2 INCH (MINIMUM) STAPLES TO THE UPSLOPE SIDE OF THE POSTS.
3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.

TYPICAL SILT FENCE INSTALLATION AT SITE PERIMETER DETAIL
NO SCALE



NOTE: WHERE REQUIRED, PLANT HERBACEOUS PLUGS ACCORDING TO PLAN, OR AS DIRECTED BY ENGINEER.

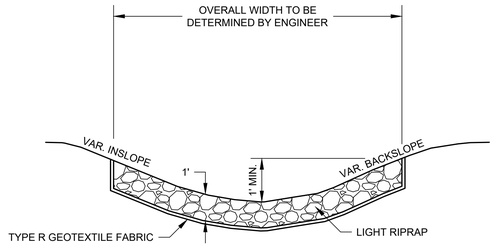
TURF RESTORATION DETAIL
NO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET DETAIL
NO SCALE



TYPICAL LIGHT RIPRAP INSTALLATION
NO SCALE

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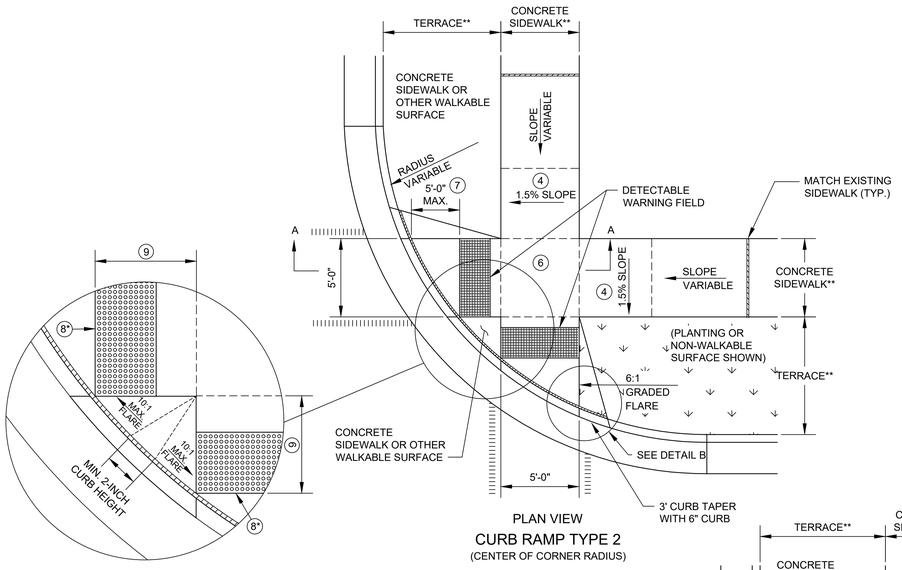
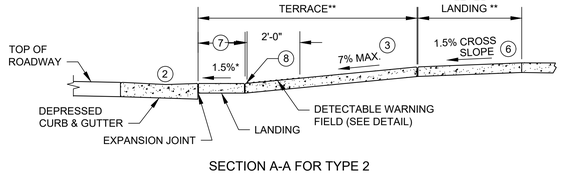


PLAN VIEW

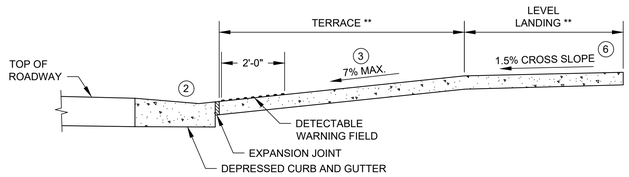
CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)

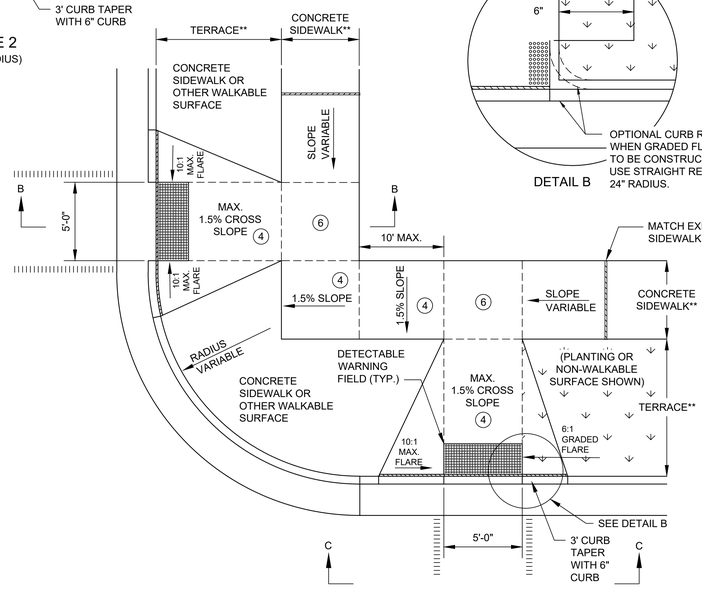
DETAIL A



SECTION A-A FOR TYPE 2



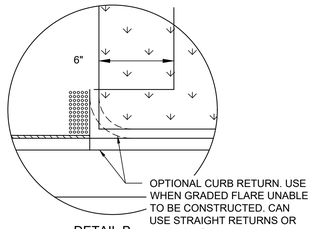
SECTION B-B FOR TYPE 3



PLAN VIEW

(OUTSIDE OF CROSSWALK AREA)

CURB RAMP TYPE 3



DETAIL B

VIEW C-C FOR TYPE 3

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

2. GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
3. AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE
4. +/- 0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
6. PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
7. WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD.
8. PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
9. WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

* MAXIMUN 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEHWERE IN THE PLANS

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 2 AND 3

NO SCALE

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.

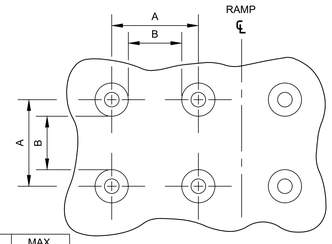
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

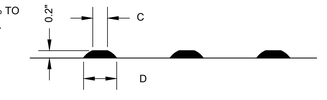
(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

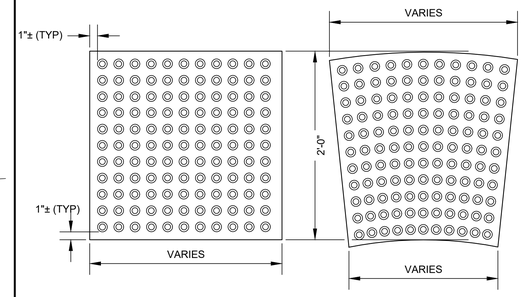
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



ELEVATION VIEW

TRUNCATED DOMES

DETECTABLE WARNING PATTERN DETAIL

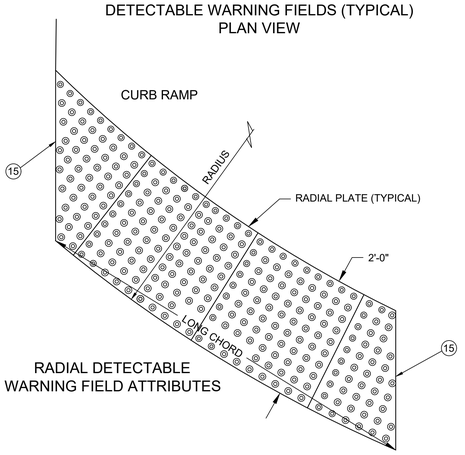


RECTANGULAR PLATES

RADIAL PLATES

DETECTABLE WARNING FIELDS (TYPICAL)

PLAN VIEW



RADIAL DETECTABLE WARNING FIELD ATTRIBUTES

DETECTABLE WARNING FIELD DETAIL

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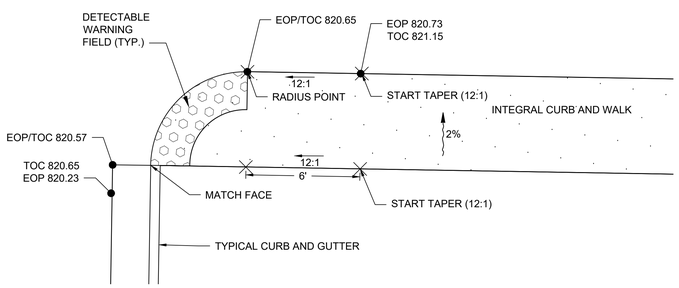
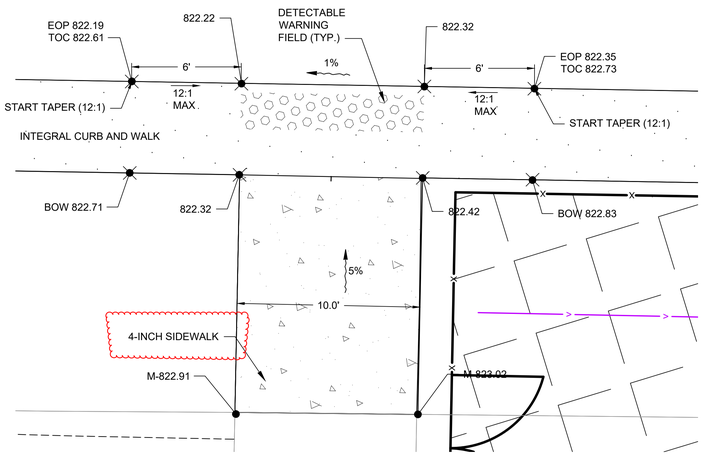


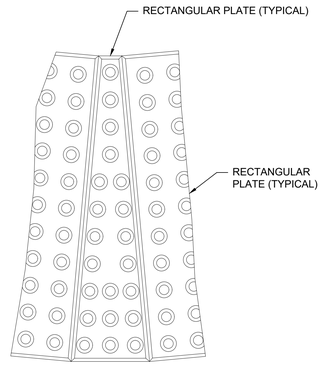
SIDEWALK DETAIL 1

NO SCALE



SIDEWALK DETAIL 2

NO SCALE



PLAN VIEW

RADIAL WEDGE PLATE CONNECTION DETAIL

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SHEET NO: C501

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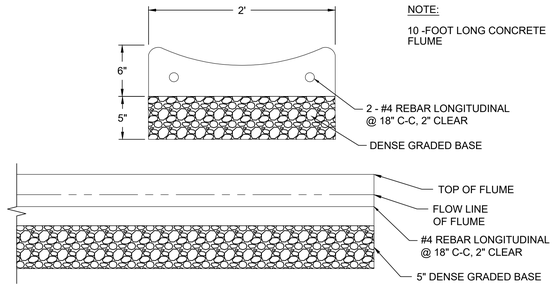
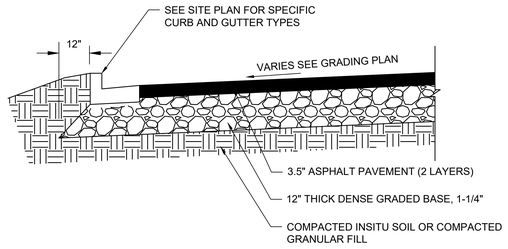
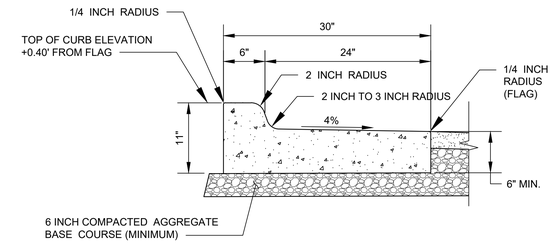


CONCRETE FLUME DETAIL
NO SCALE



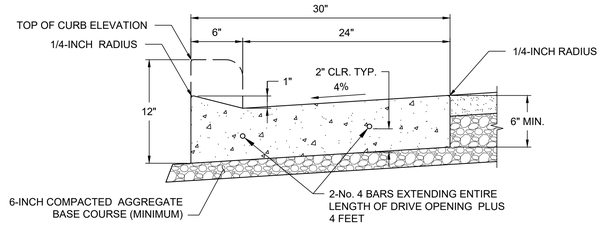
NOTES:
UPPER LAYER SHALL BE 4 MT 58-28 S
LOWER LAYER SHALL BE 4 MT 58-28 S

PARKING LOT CROSS SECTION DETAIL
NO SCALE

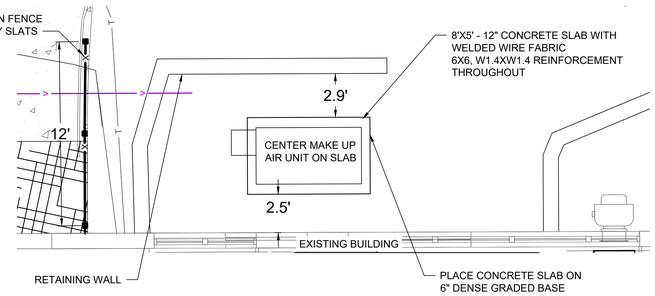


NOTE: TOC ELEVATION TO FLAG OF CURB SHALL BE 0.40'

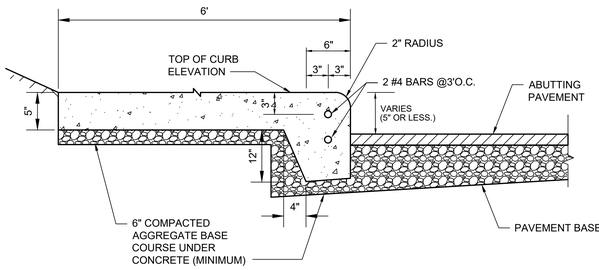
REJECT CURB SECTION



DRIVEWAY/ADA SECTION

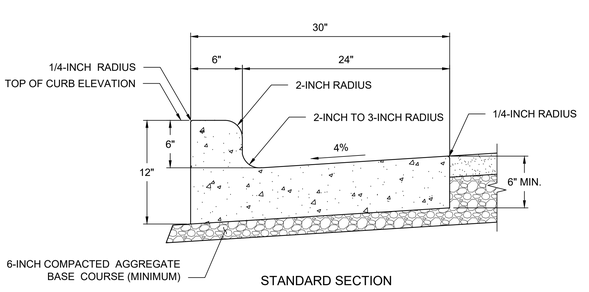


MAKE UP AIR UNIT CONCRETE SLAB DETAIL
NO SCALE



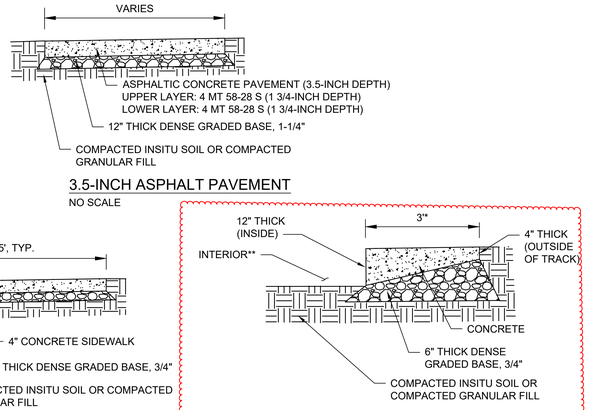
STANDARD SECTION

TYPE INTEGRAL CURB AND WALK DETAIL
SCALE: NONE

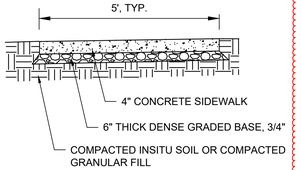


STANDARD SECTION

TYPE L CURB AND GUTTER DETAIL
NO SCALE



3.5-INCH ASPHALT PAVEMENT
NO SCALE



4-INCH CONCRETE SIDEWALK
NO SCALE

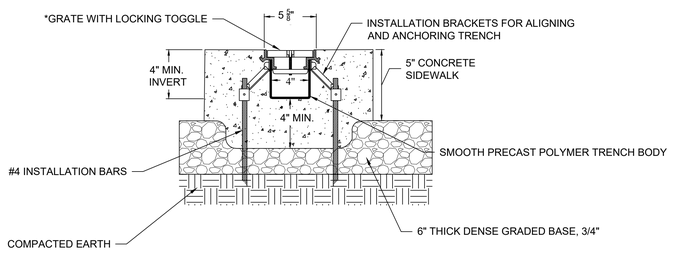
NOTE: MAX CROSS SLOPE ON SIDEWALK IS 1:48

CONCRETE TRICYCLE TRACK
NO SCALE

*NOTE: THE TRICYCLE TRACK IS 4' WIDE ALONG THE PARKING LOT ON THE SOUTH SIDE OF THE PLAYGROUNG.

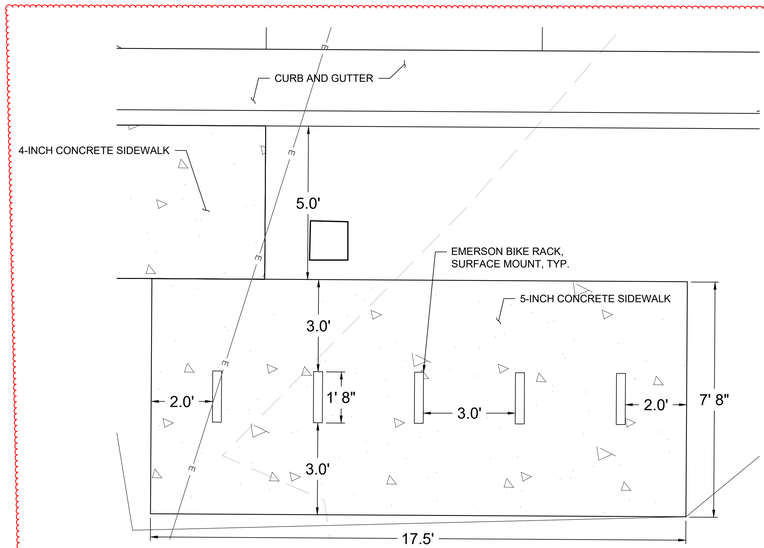
** INTERIOR OF PLAYGROUND TO BE FILLED WITH BARK MULCH OR OTHER MATERIAL, WORK COMPLETED BY OTHERS.

*CAST IRON GRATE, MIN. H10 RATED, ADA COMPLIANT. OPENINGS TO BE PARALLEL TO LENGTH OF CHANNEL. FINISH TO BE NON-SLIP



NOTES:
1. CHANNEL TO BE PREFORMED 4" FLAT BOTTOM TRENCH DRAIN.
2. ALL MATERIALS CONTINUOUS UNLESS OTHERWISE NOTED
3. GRATE TO BE FASTENED TO FRAME WITH REMOVABLE HARDWARE.
4. TRENCH DRAIN MUST BE ¼" BELOW FINISHED CONCRETE GRADE
5. REINFORCE ACCORDING TO STRUCTURAL REQUIREMENTS
6. CONNECT TO EXISTING 4" PIPE
7. GRADE TO DRAIN FREELY TO ASPHALT

TRENCH DRAIN
NO SCALE



BIKE RACK DETAIL (WEST LOT)
NO SCALE

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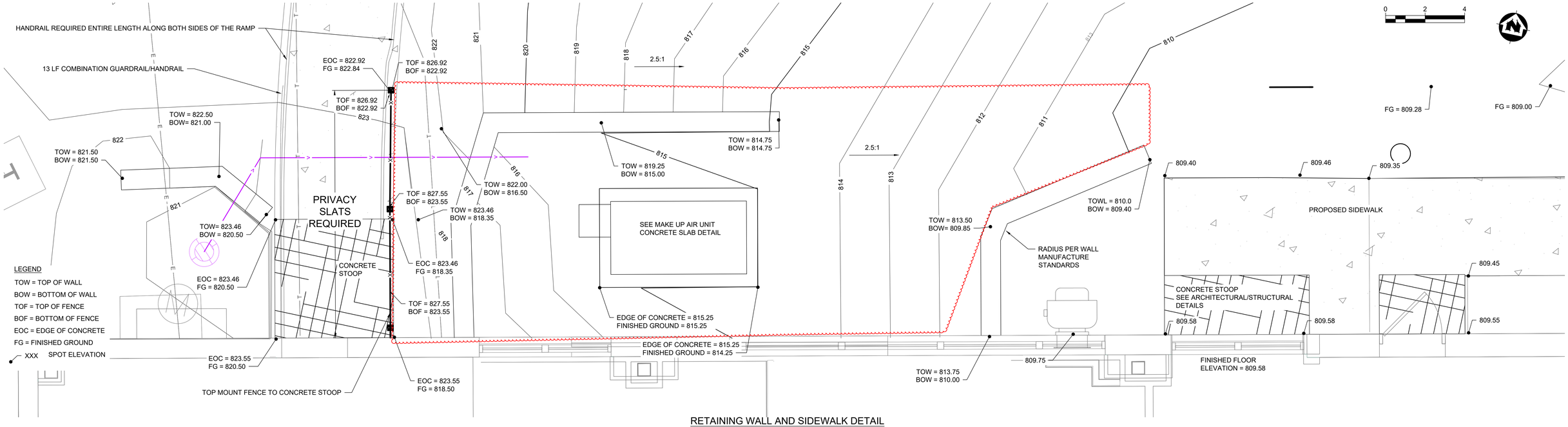
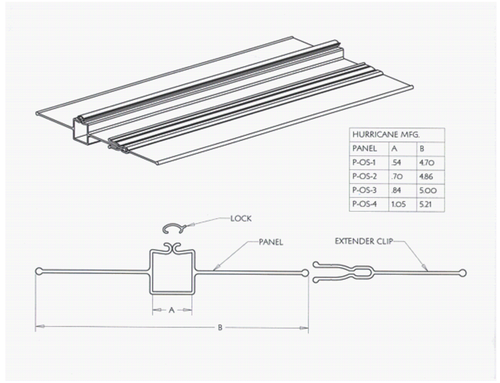
SHEET NO: C502

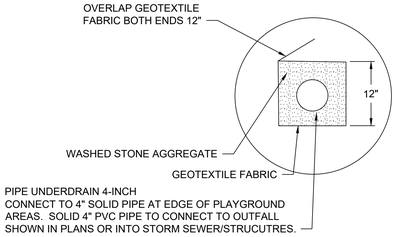


RETAINING WALL AND SIDEWALK DETAIL
1"=2'

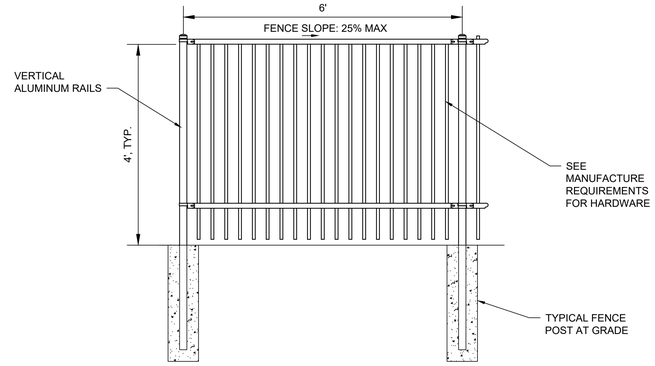


HURRICANE MFG.		
PANEL	A	B
P-OS-1	.54	4.70
P-OS-2	.70	4.86
P-OS-3	.84	5.00
P-OS-4	1.05	5.21

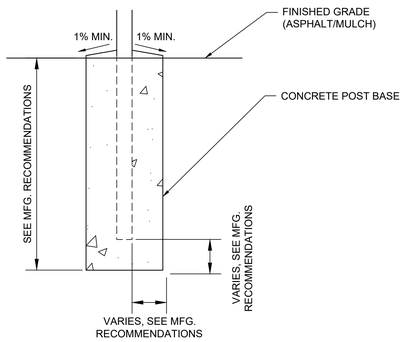
PRIVACY SLATS
NO SCALE



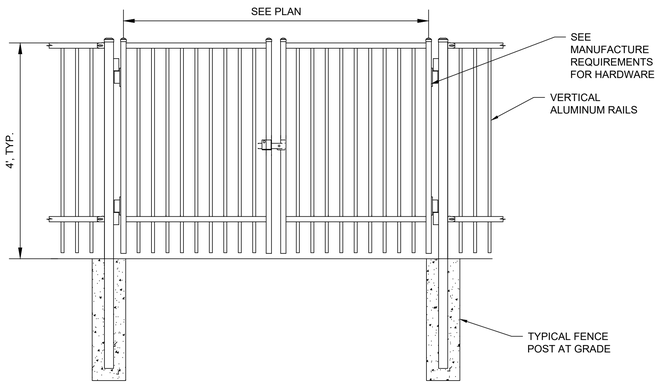
PIPE UNDERDRAIN, 4-INCH DETAIL
NO SCALE



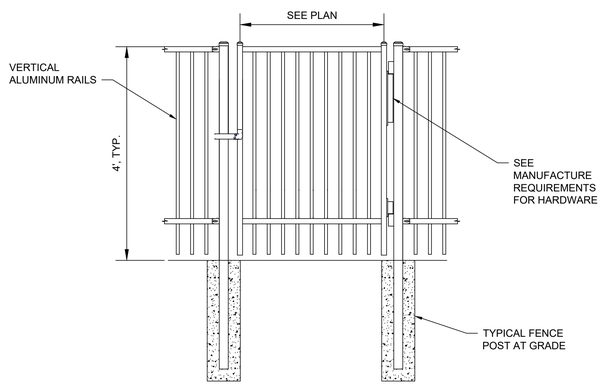
4' SEPARATION FENCE
NO SCALE



TYPICAL FENCE POST AT GRADE
NO SCALE



DOUBLE GATE
NO SCALE



SINGLE GATE
NO SCALE

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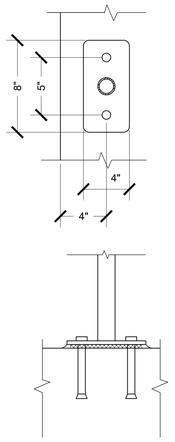
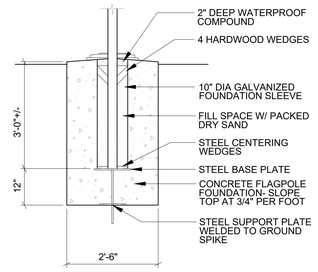
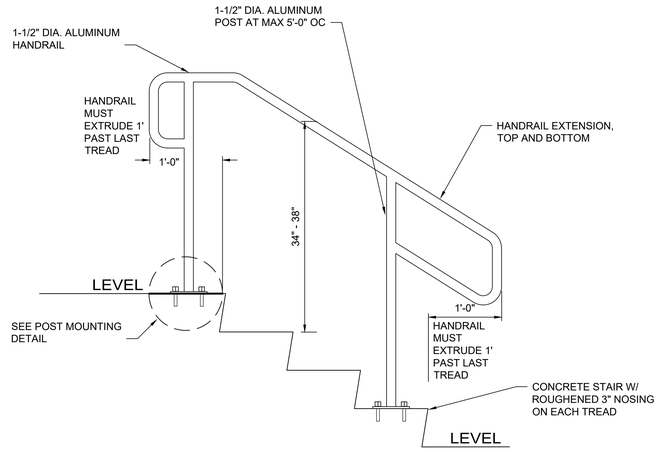


POST MOUNTING DETAIL
NO SCALE

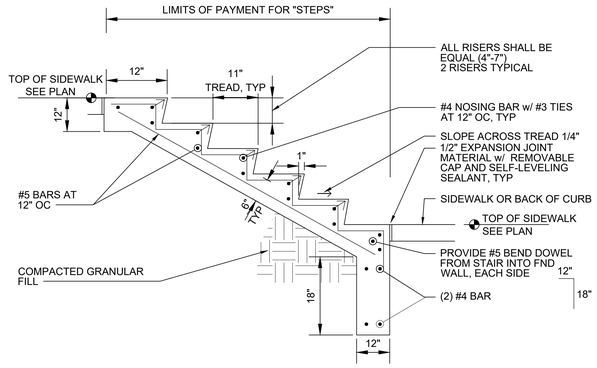


NOTES:
1. COORDINATE WITH FLAG POLE MANUFACTURER.
2. SEE SPECIFICATIONS FOR FLAG POLE.
3. TOP OF FLAGPOLE FOUNDATION MAX 2" ABOVE FINISHED GRADE.

FLAGPOST BASE DETAIL
NO SCALE

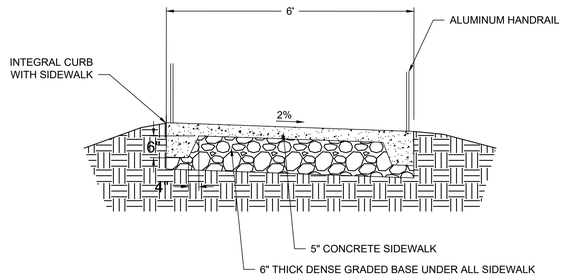


ALUMINUM STAIR HANDRAIL
NO SCALE



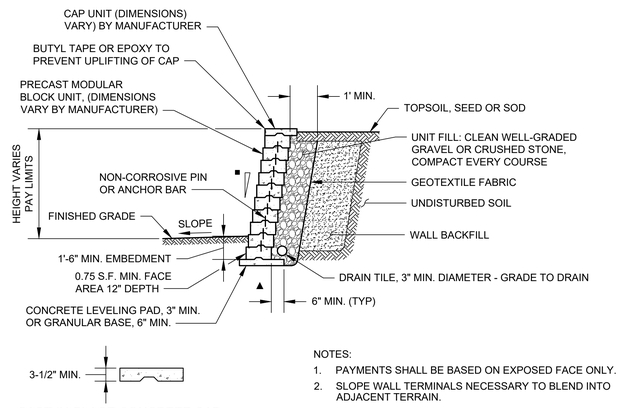
NOTE:
SLOPE TREADS AT 1:48 MAX, APPROXIMATELY 0.01' FROM BACK TO FRONT AND 0.08' FROM SIDE TO SIDE.

STAIR SECTION DETAIL
NO SCALE



5-INCH SIDEWALK RAMP
NO SCALE

NOTE: MAX CROSS SLOPE ON SIDEWALK IS 1:48



CAST-IN-PLACE CONCRETE CAP

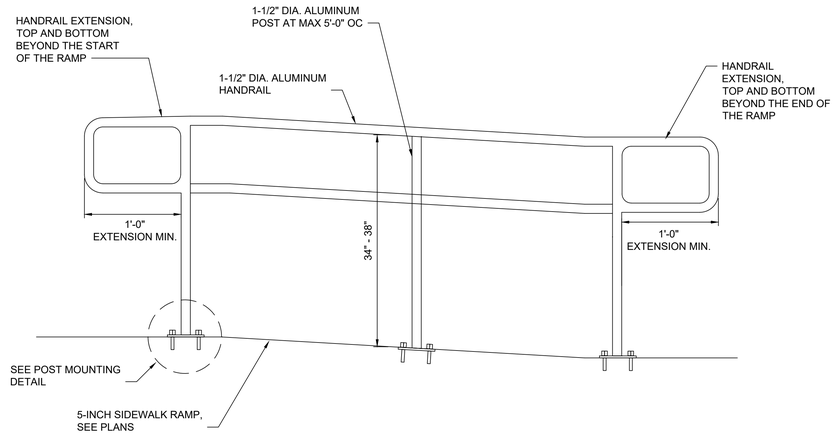
NOTES:
1. PAYMENTS SHALL BE BASED ON EXPOSED FACE ONLY.
2. SLOPE WALL TERMINALS NECESSARY TO BLEND INTO ADJACENT TERRAIN.

■ SETBACK VARIES BY MANUFACTURER MAXIMUM FRONT FACE SLOPE FROM VERTICAL IS 1 HORIZONTAL TO 4 VERTICAL

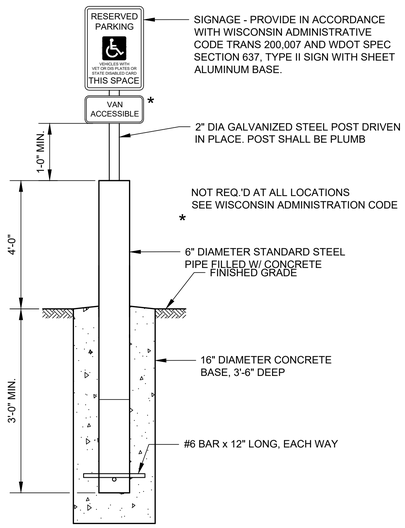
▲ BASE SOIL PARAMETERS:
SEE GEOTECHNICAL REPORT INCLUDED IN PROJECT MANUAL.
NO SOIL BORINGS AVAILABLE

TABLE OF EXTERNAL STABILITY SAFETY FACTORS	
SLIDING	≥ 1.5
OVERTURNING	≥ 2.0
GEOGRID LONG TERM STRENGTH	≥ 1.5
GEOGRID CONNECTION STRENGTH	≥ 1.5
GLOBAL ROTATION	≥ 1.3
BEARING CAPACITY	≥ 2.0

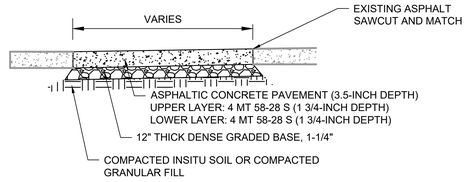
SEGMENTAL RETAINING WALL DETAIL
NO SCALE



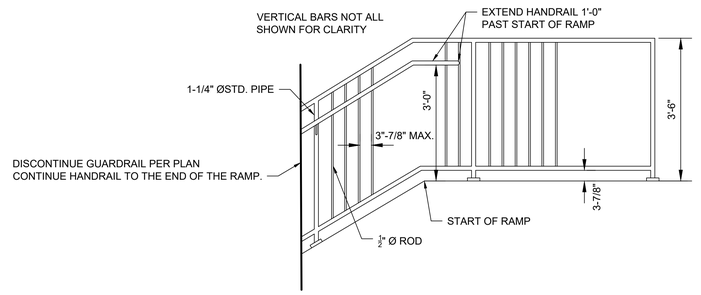
ALUMINUM HANDRAIL
NO SCALE



DETAIL - BOLLARD WITH SIGN
NO SCALE



ASPHALT REPLACEMENT DETAIL
NO SCALE



COMBINED GUARD RAIL/HANDRAIL DETAIL
NO SCALE

Section 3, Item B.

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2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.99
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Section 2, 8mm B

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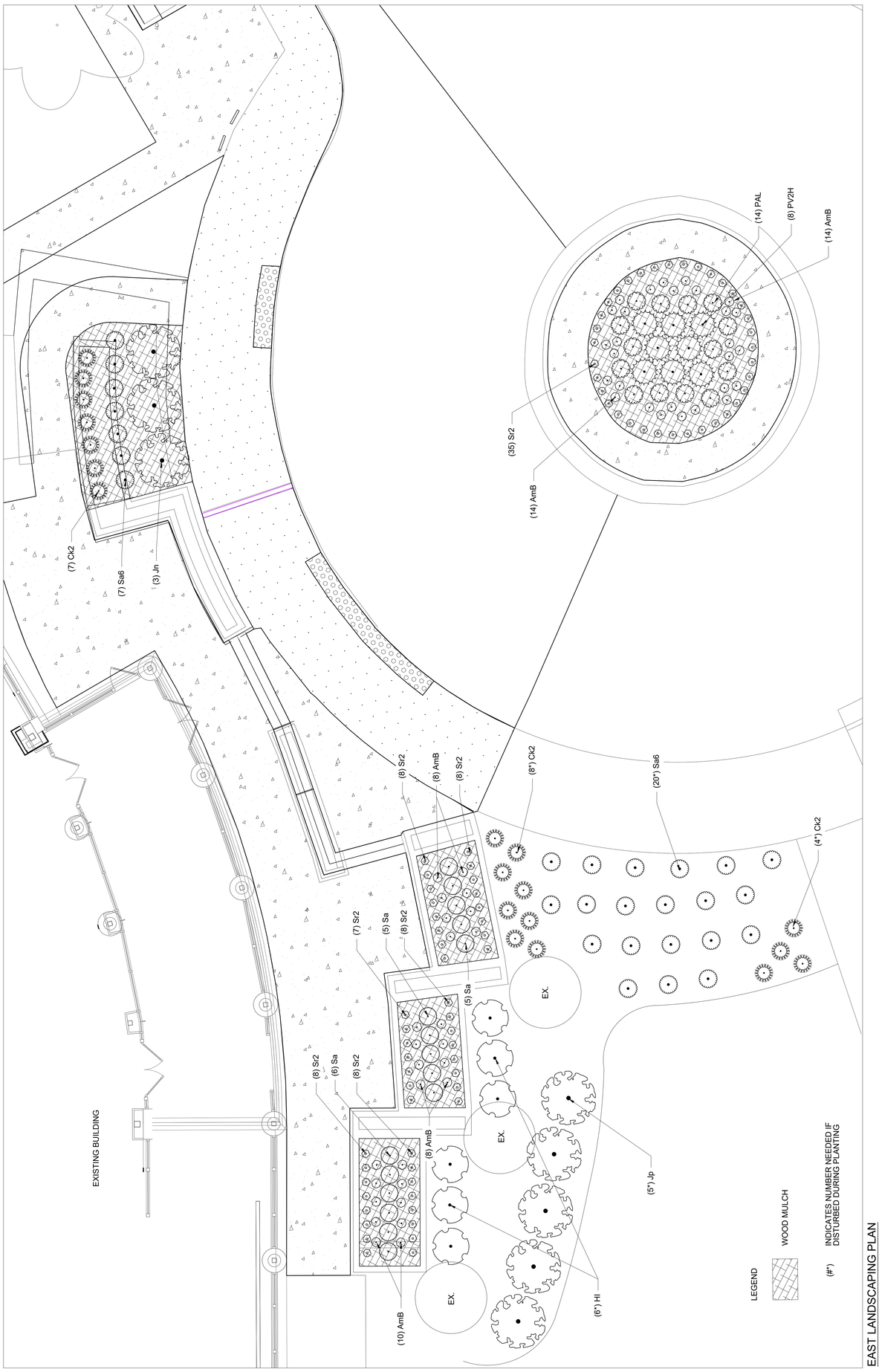
REVISIONS

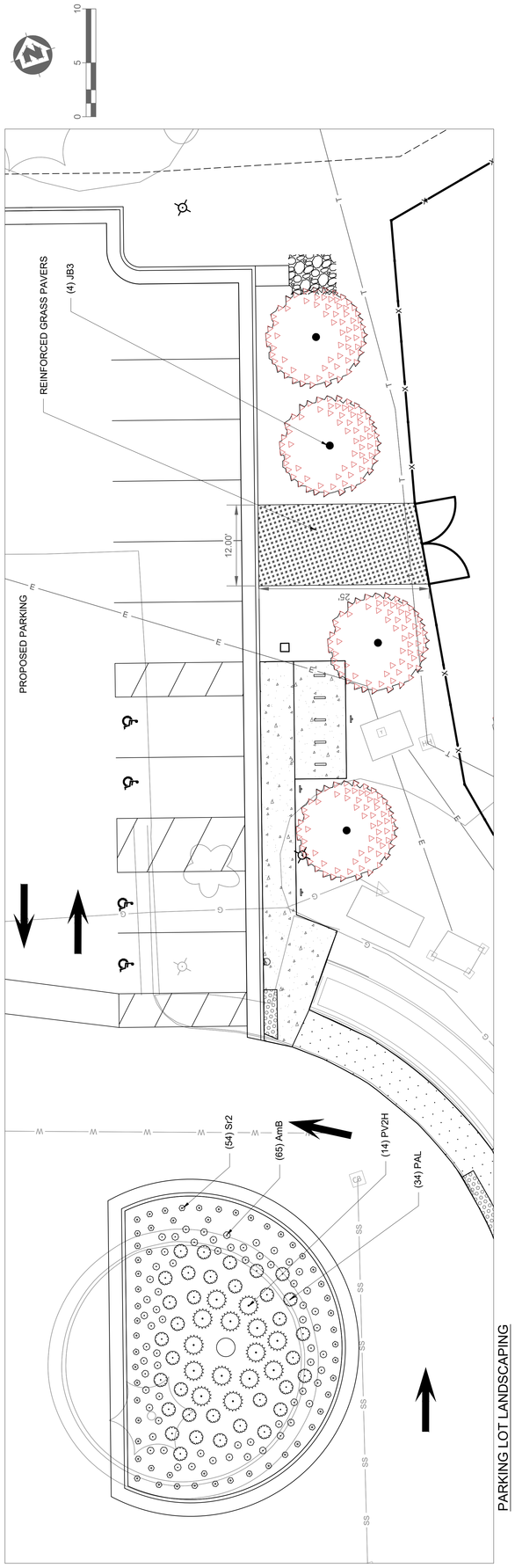
LANDSCAPING PLAN

CONSTRUCTION SET
DATE 08-19-22
JOB NO 220040-01
SHEET NO L101

19



EAST LANDSCAPING PLAN



PARKING LOT LANDSCAPING

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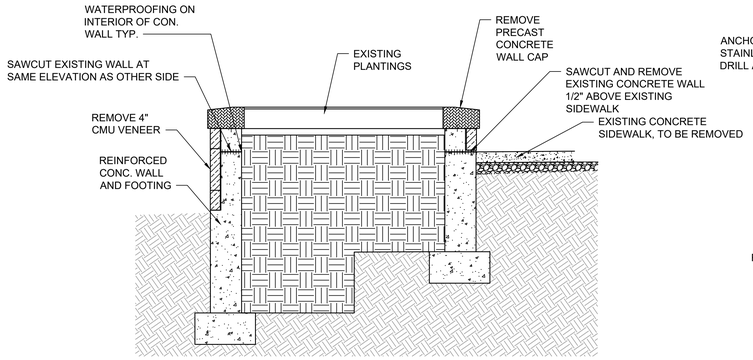
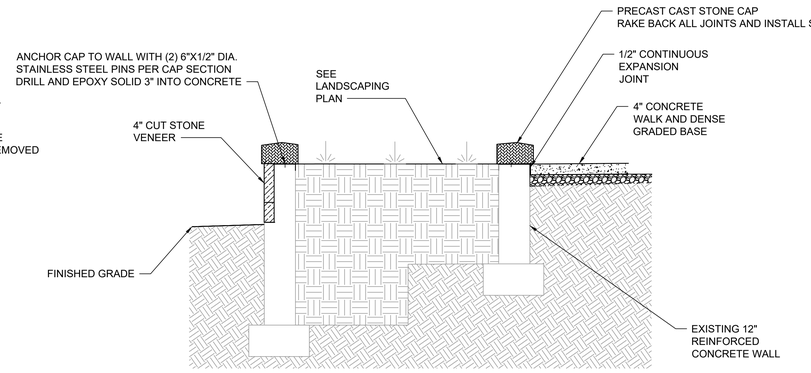
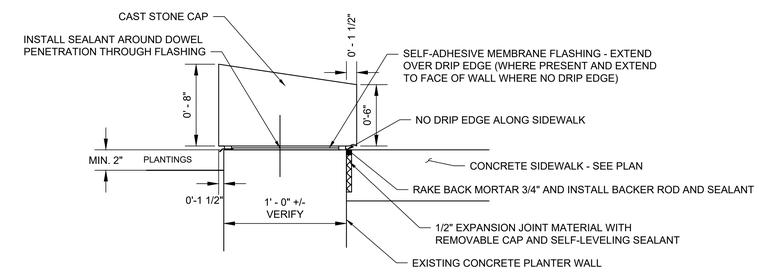


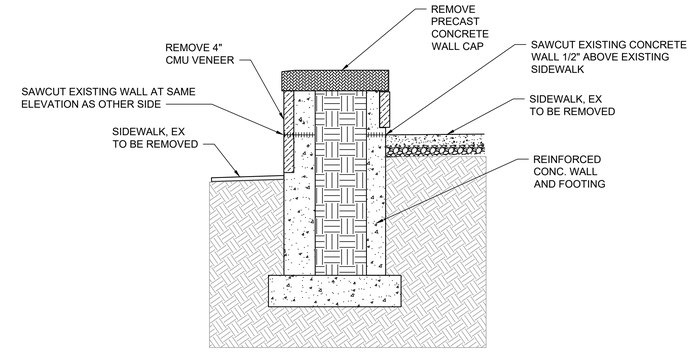
EXISTING AND REMOVAL DETAIL
LANDSCAPING PLANTER TYPE1
NO SCALE



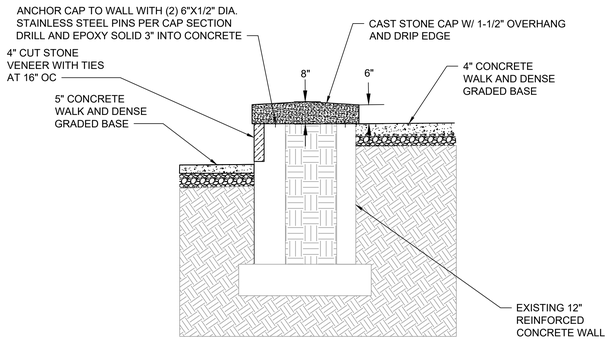
RECONSTRUCTION DETAIL
LANDSCAPING PLANTER RECONSTRUCTION TYPE 1
NO SCALE



STONE WALL CAP DETAIL
NO SCALE



EXISTING AND REMOVAL DETAIL
LANDSCAPING PLANTER TYPE 2
NO SCALE



RECONSTRUCTION DETAIL
LANDSCAPING PLANTER RECONSTRUCTION TYPE 2
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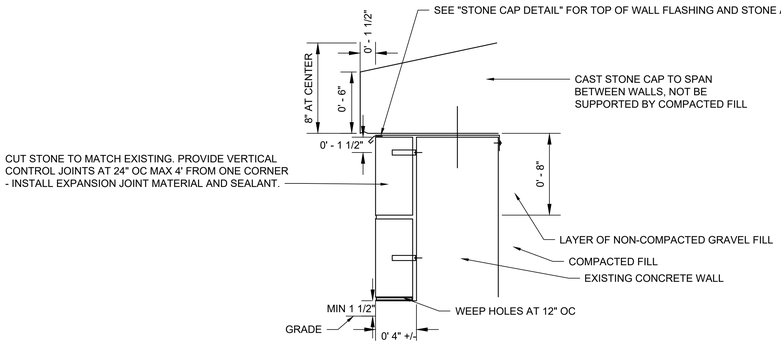
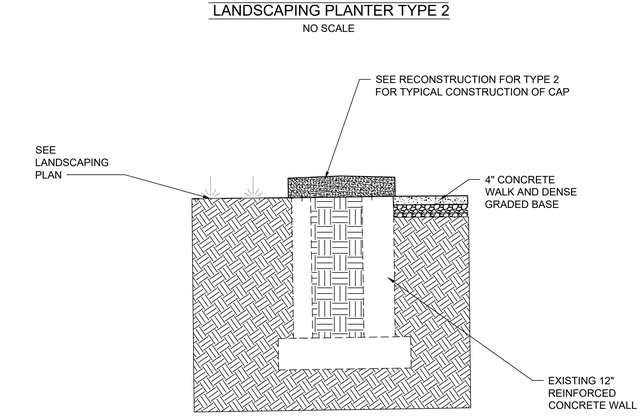


STONE CAP DETAIL AT STONE VENEER
NO SCALE



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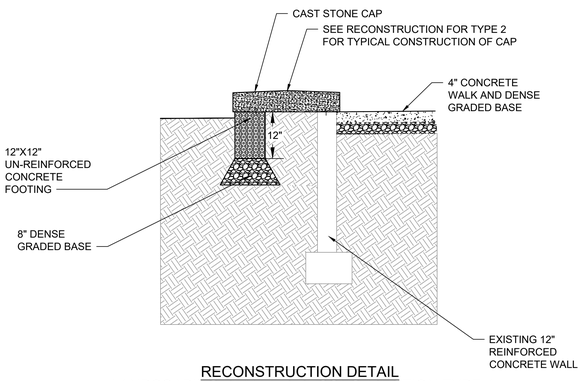

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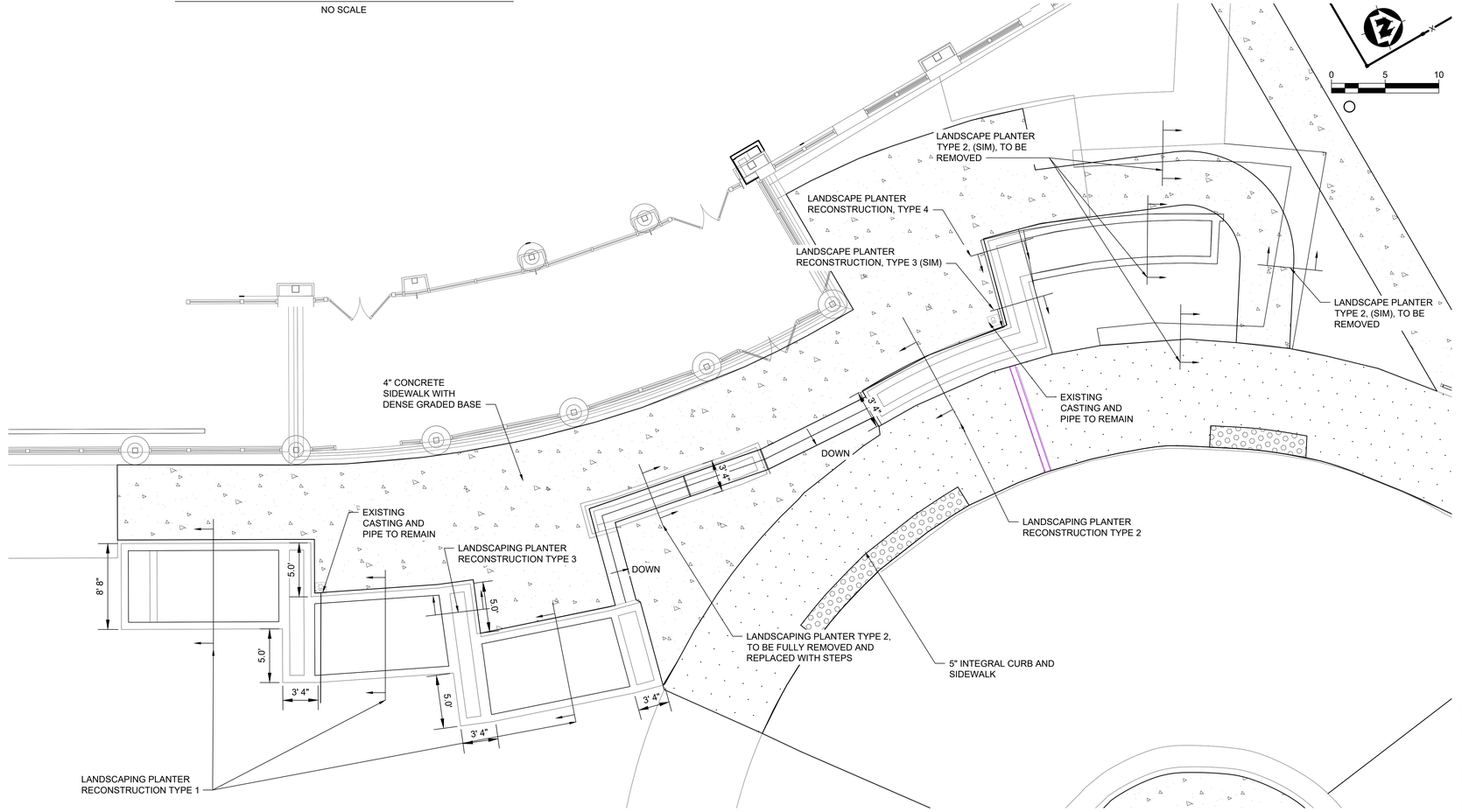

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REVISIONS:

PLANTER DETAILS

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: L501

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SITE PREPARATION, LAYOUT AND PLANTING NOTES (NOTES APPLY TO SHEETS L102-103)

A. TREES AND SHRUBS SHALL BE PLACED AS DRAWN. NO SUBSTITUTES SHALL BE MADE WITHOUT PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT.

B. EQUALLY SPACE PERENNIALS AS SPECIFIED PER NOTES LISTED ON DRAWINGS.

C. ALL PLANT MATERIALS SHALL BE OF MATCHING FORMS AND SIZES WITHIN EACH SPECIES AND SIZE DESIGNATION ON THE DRAWINGS.

D. ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING. SEE DETAIL.

E. PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF BIDDING. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN. NO ADDITIONAL PAYMENTS WILL BE MADE FOR MATERIALS REQUIRED TO COMPLETE THE WORK AS DRAWN.

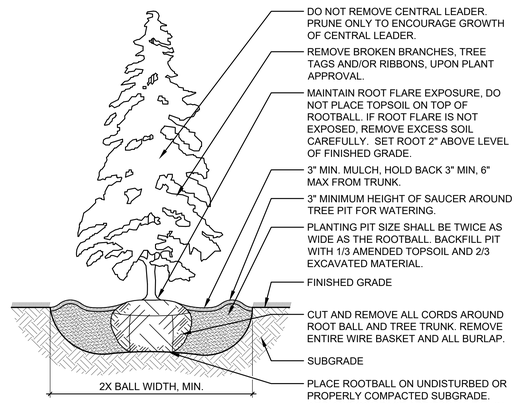
F. CONTRACTOR SHALL STAKE ALL PROPOSED TREE LOCATIONS PRIOR TO PLANTING. CONTRACTOR SHALL THEN NOTIFY THE FIELD ENGINEER AND OWNER ONCE THE STAKING IT COMPLETE FOR A WALK THRU REVIEW OF THE TREE LOCATIONS. FINAL TREE LOCATIONS ARE SUBJECT TO MOVING PER FINAL CONSTRUCTION AND LAYOUT.

G. ADJUSTMENT TO STAKE LOCATIONS DUE TO DISCREPANCIES BETWEEN COORDINATES AND DIMENSIONS IS INCIDENTAL TO THE CONTRACT. NO ADDITIONAL PAYMENTS WILL BE MADE FOR THIS WORK.

PLANT LIST

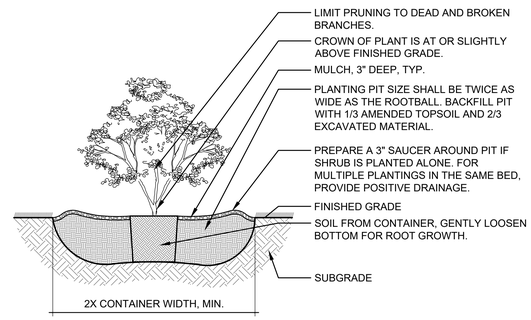
ID	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**ROOT**	**QUANTITY**
	TREES				TOTAL
JB3	Juniperus virginiana 'Burkii'	Burk Eastern Redcedar	5'	B&B	4
Cc	Corylus colurna	Turkish Filbert	3.5" Caliper	B&B	2
	BOTANICAL NAME	**COMMON NAME**	**SIZE**	**ROOT**	**QUANTITY**
	SHRUBS				TOTAL
Jp	Juniperus procumbens 'Nana'	Dwarf Japanese Garden Juniper	#5 Cont.	CONT.	3 (8*)
	BOTANICAL NAME	**COMMON NAME**	**SIZE**	**ROOT**	**QUANTITY**
	PERENNIALS/GRASSES				TOTAL
AmB	Achillea millefolium 'Balvinviolet'	New Vintage Violet Yarrow	#1 Cont.	CONT.	124
Ck2	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1 Cont.	CONT.	7 (19*)
HI	Hydrangea paniculata 'Zwijnenburg'	Limelight Hydrangea	#5 Cont.	CONT.	6
PV2H	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	#1 Cont.	CONT.	22
PAL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	#1 Cont.	CONT.	48
Sr2	Sedum 'Dragon's Blood'	Dragon's Blood Sedum	PINT	CONT.	132
Sa6	Sedum spectabile 'Autumn Joy'	Autumn Joy Sedum	#1 Cont.	CONT.	7 (27*)
Sa	Sesleria autumnalis	Autumn Moor Grass	#1 Cont.	CONT.	22
		(#*) INDICATES TOTAL NUMBER IF EXISTING PLANTS ARE DISTURBED DURING PLANTING			

NOTE:
REMOVE AND PROPERLY DISPOSE OF ANY EXCESS EXCAVATED MATERIAL



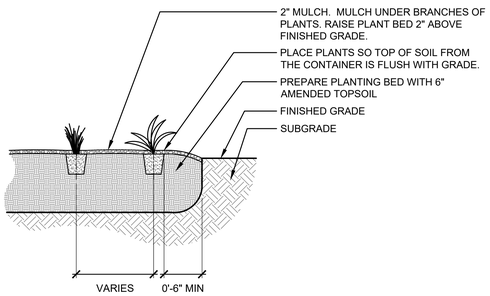
1 L502 CONIFER TREE PLANTING
NTS

NOTE:
REMOVE AND PROPERLY DISPOSE OF ANY EXCESS EXCAVATED MATERIAL



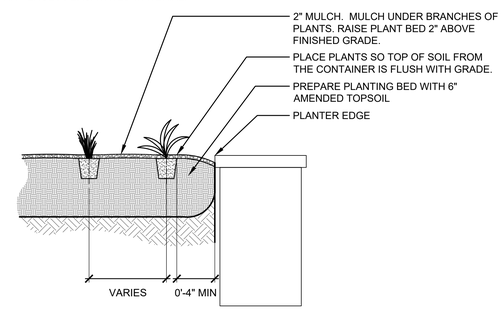
2 L502 SHRUB CONTAINER PLANTING
NTS

NOTE:
REMOVE AND PROPERLY DISPOSE OF ANY EXCESS EXCAVATED MATERIAL.

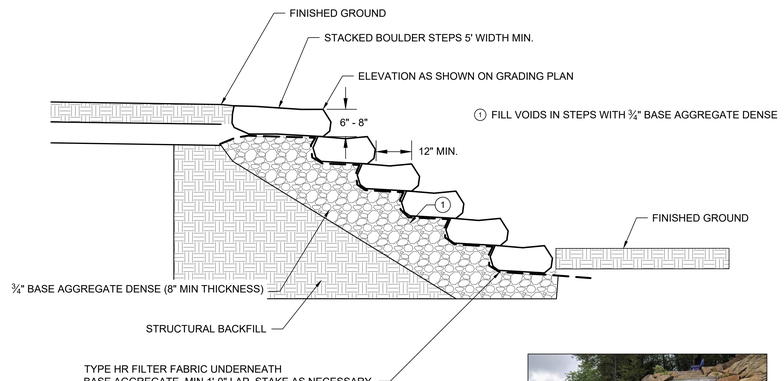


3 L502 **PERENNIAL PLANTING**
NTS

NOTE:
REMOVE AND PROPERLY DISPOSE OF ANY EXCESS EXCAVATED MATERIAL.



4 L502 **PERENNIAL IN PLANTER PLANTING**
NTS



5 L502 NATURAL STONE STEPS
NTS

NATURAL STONE STEPS
CHARACTER IMAGE
NOT TO SCALE

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REVISIONS:

LANDSCAPING DETAILS

CONSTRUCTION SET

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SHEET NO: L502

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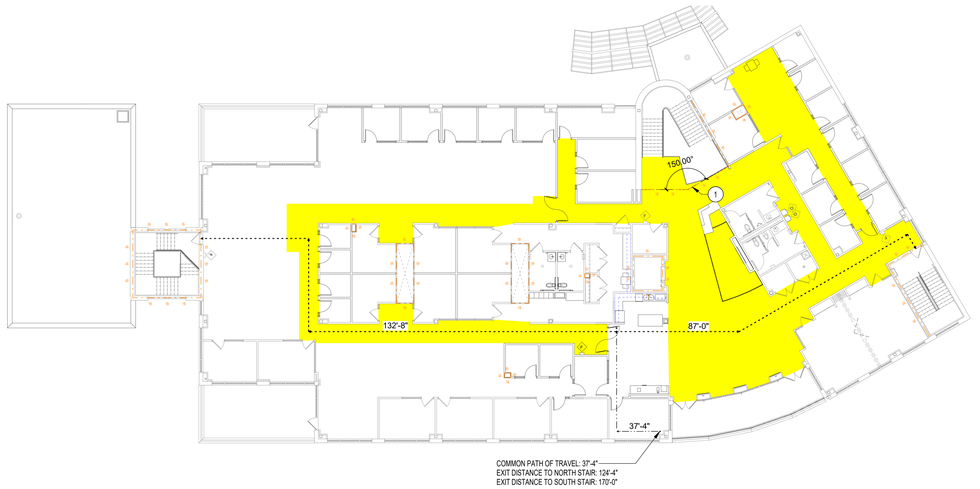
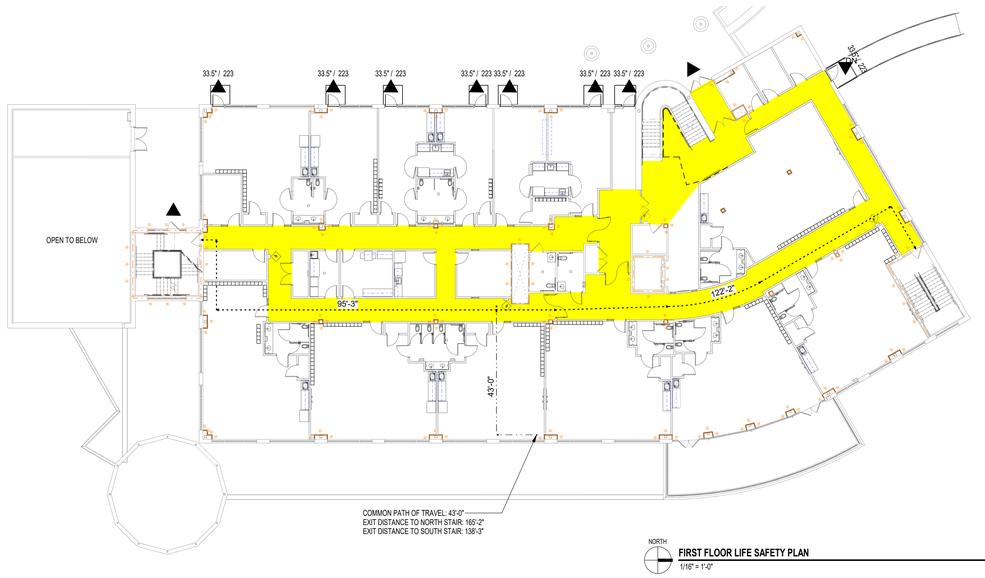


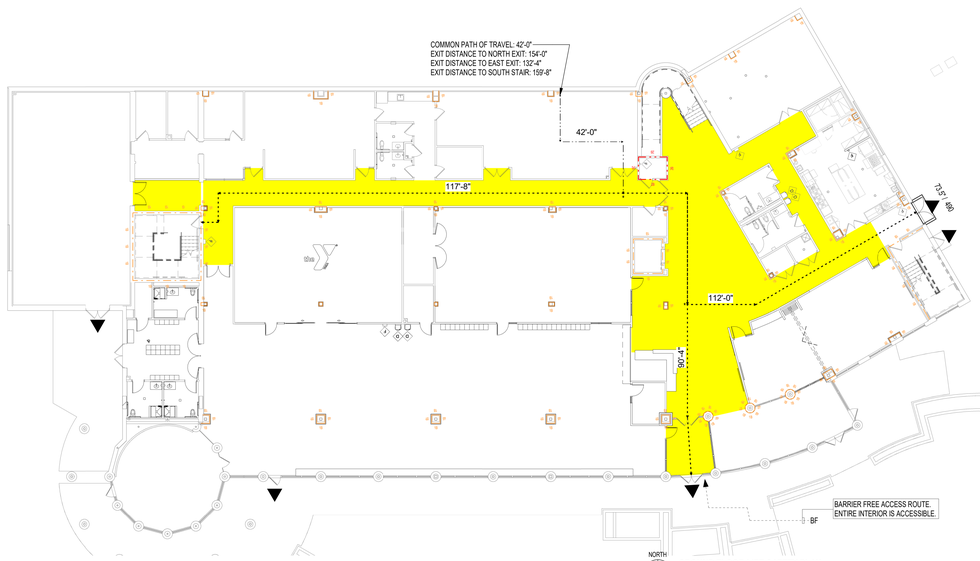
NORTH

SECOND FLOOR LIFE SAFETY PLAN
1/16" = 1'-0"



NORTH

FIRST FLOOR LIFE SAFETY PLAN
1/16" = 1'-0"



NORTH

GROUND FLOOR LIFE SAFETY PLAN
1/16" = 1'-0"

LIFE SAFETY LEGEND

FIRE BARRIERS

2 HOUR RATED FIRE BARRIER, 90 MINUTE DOORS — 2B

1 HOUR RATED FIRE BARRIER, 45 MINUTE DOORS, 60 MINUTE DOOR AT STAIRS — 1B

SYMBOLS

EXIT WIDTH / MAXIMUM OCCUPANTS SERVED AT EXIT — 33.5" / 167

EXIT DISCHARGE

COMMON PATH OF EGRESS TRAVEL (FEET) — XX

POINT IN WHICH 2 EXITS BECOME AVAILABLE

EXIT ACCESS TRAVEL DISTANCE

FIRE EXTINGUISHER / CABINET — F

DRINKING FOUNTAIN — D

MEANS OF EGRESS

CODE ANALYSIS

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 361-366)
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 INTERNATIONAL BUILDING CODE
ASSEMBLY OCCUPANCY, GROUP A-3 (GROUND FLOOR)
EDUCATION OCCUPANCY, GROUP E (FIRST FLOOR)
BUSINESS OCCUPANCY, GROUP B (SECOND FLOOR)

ZONING: CITY OF WATERTOWN ORDINANCES

CONSTRUCTION CLASSIFICATION

ALTERATION LEVEL 3
TYPE OF CONSTRUCTION, UNPROTECTED, TYPE 2B - SPRINKLERED

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS

PRIMARY STRUCTURAL FRAME	0 HR	IBC 2015 601; TABLE 601
BEARING WALLS:		
EXTERIOR	0 HR	IBC 2015 601; TABLE 601
INTERIOR	0 HR	IBC 2015 601; TABLE 601
NON-BEARING WALLS:		
EXTERIOR		IBC 2015 602; TABLE 602
INTERIOR	0 HR	IBC 2015 601; TABLE 601
FLOOR CONSTRUCTION	0 HR	IBC 2015 601; TABLE 601
ROOF CONSTRUCTION	0 HR	IBC 2015 601; TABLE 601
ROOF CLASSIFICATION	CLASS C	IBC 2015 1505; TABLE 1501.1
FIRE ENCLOSURE		
(STAIRS, ELEVATOR, SHAFTS)	1 HR	IBC 2015 713.4 / 1023.2
CORRIDOR WALLS	0 HR	IBC 2015 1020; TABLE 1020.1

FIRE-RESISTANCE RATNG REQUIREMENTS FOR EXTERIOR WALLS
BASED ON FIRE SEPARATION DISTANCE (TABLE 602)

X < 5'	1 HR.
5' ≤ X < 10'	1 HR.
10' ≤ X < 30'	0 HR.
X ≥ 30'	0 HR.

FIRE PROTECTION

AUTOMATIC SPRINKLER SYSTEM PER IBC 903.3.1.1 AND NFPA 13
FIRE ALARM SYSTEM
AUTOMATIC FIRE DETECTION SYSTEM

EXIT EGRESS

EXIT AISLES SERVING MEP EQUIPMENT (PER 2015 IBC TABLE 1020.2):
24"

DEAD END CORRIDORS (FULLY SPRINKLED) (PER 2015 IBC SECTION 1020.4):
50' MAX.

COMMON PATH OF TRAVEL (PER 2015 IBC TABLE 1006.2.1):
75' MAX FOR A AND E OCCUPANCIES
100' MAX FOR B OCCUPANCY

MAXIMUM TRAVEL DISTANCE TO AN EXIT (PER 2015 IBC SECTION 1017.2):
250' MAX. FROM THE REMOTEST POINT IN A ROOM FOR A AND E OCCUPANCIES
300' MAX FROM THE REMOTEST POINT IN A ROOM FOR B OCCUPANCY

ADA ACCESS ROUTE

REFER TO SHEET A050

LIFE SAFETY PLAN NOTES

MARK	DESCRIPTION
1	PROVIDE FIRE CURTAIN TO PROVIDE ONE HOUR RATED SEPARATION AT OPEN STAIR.

FIRE APPARATUS ACCESS AND FIRE LANE WORKSHEET

No.	Question	Answer Yes/No	Notes
1	BUILDING IS LIMITED IN AREA?	YES	
2	BUILDING IS UNLIMITED IN AREA BASED ON SECTION 507 OF THE IBC?	NO	
3	BUILDING IS COMPLETELY PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM, PER IBC SECTION 903.3.1.1 OR 903.3.1.2?*	YES	
4	FIRE LANES ARE UNOBSTRUCTED?	YES	
5	FIRE LANES ARE ACCESSIBLE FROM A PUBLIC ROAD?	YES	
6	FIRE LANES EXTEND TO WITHIN 150 FEET OF ANY PORTION OF THE EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING OR FACILITY? IF NO, A LETTER FROM THE FIRE CODE OFFICIAL ALLOWING AND INDICATING A DISTANCE GREATER THAN 150 FEET SHALL BE SUBMITTED TO THE DEPARTMENT. *	YES	
7	IS ANY PART OF THE BUILDING GREATER THAN 30 FEET ABOVE THE LOWEST LEVEL OF THE FIRE APPARATUS ACCESS? IF YES, ANSWER QUESTIONS 8-12:	YES	
8	IS THE FIRE LANE PARALLEL TO ONE ENTIRE SIDE OF THE BUILDING.	YES	
9	IS THE NEAR EDGE OF THE FIRE LANE WITHIN 30 FEET OF THE BUILDING ON THAT PARALLEL SIDE.	YES	
10	IS A FIRE LANE PROVIDED CAPABLE OF ACCOMMODATING AERIAL FIRE APPARATUS.	YES	
11	ARE OVERHEAD POWER OR UTILITY LINES LOCATED ACROSS OR WITHIN A FIRE LANE FOR AERIAL FIRE APPARATUS.	NO	
12	FIRE APPARATUS ACCESS HAS A MINIMUM UNOBSTRUCTED WIDTH OF 26 FEET.	YES	
13	FIRE APPARATUS ACCESS ROADWAYS HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF AT LEAST 13 FEET 6 INCHES?	YES	
14	FIRE LANES HAVE AN UNOBSTRUCTED WIDTH OF AT LEAST 20 FEET?	YES	
15	IS A FIRE HYDRANT PROVIDED TO SUPPLY FIRE APPARATUS ON THE FIRE LANE? IF YES, THE MINIMUM UNOBSTRUCTED WIDTH OF THE FIRE LANE SHALL BE 26 FEET WIDE FOR AT LEAST 20 FEET ON EACH SIDE OF THE FIRE HYDRANT.	YES	
16	THE MINIMUM INSIDE TURNING RADIUS OF THE FIRE LANE IS AT LEAST 28 FEET?	YES	
17	IS THE FIRE LANE DEAD-ENDED WITH A LENGTH GREATER THAN 150 FEET? IF YES, ANSWER QUESTIONS 18-20:	NO	
18	IS AN AREA FOR TURNING AROUND FIRE APPARATUS PROVIDED BY A CUL-DE-SAC WITH A MINIMUM DIAMETER OF 70 FEET?	--	
19	IS AN AREA FOR TURNING AROUND FIRE APPARATUS PROVIDED BY A 45-DEGREE WYE WITH A MINIMUM LENGTH OF 60 FEET PER SIDE?	--	
20	IS AN AREA FOR TURNING AROUND FIRE APPARATUS PROVIDED BY A 90-DEGREE WYE WITH A MINIMUM LENGTH OF 60 FEET PER SIDE?	--	

MULTIPLE OCCUPANCIES WORKSHEET

☐ I AM USING NON-SEPARATED USES IN MY DESIGN. (2015 IBC 508.3)
☐ I AM USING SEPARATED USES IN MY DESIGN. (2015 IBC 508.4)
☒ I AM USING A COMBINATION OF SEPARATED AND NON-SEPARATED USES IN MY DESIGN.

SEPARATED USES

LOCATION (STORY / SIDE OF BUILDING)	OCCUPANCIES SEPARATED (ALL CLASSIFICATIONS)	FIRE RATING (HOURLY RATING)
FIRST FLOOR/SECOND FLOOR	E/B	1-HOUR HORIZONTAL SEPARATION

NON-SEPARATED USES

LOCATION (STORY / SIDE OF BUILDING)	OCCUPANCIES SEPARATED (ALL CLASSIFICATIONS)	CONSTRUCTION TYPE: IB MOST RESTRICTIVE
GROUND FLOOR	A-3 WITH B AS AN ACCESSORY	N/A

ALLOWABLE BUILDING HEIGHT AND AREA

GROUP	SPRINKLED	TABLE 506.2 ALLOWABLE AREA PER STORY	TABLE 504.4 ALLOWABLE STORIES	TABLE 504.3 MAXIMUM BUILDING HEIGHT	FIRE ZONE PERIMETER	BUILDING PERIMETER THAT FRONTS A PUBLIC WAY	WIDTH OF PUBLIC WAY	SECTION 506.3.3 FRONTAGE INCREASE	ADJUSTED ALLOWABLE AREA	PROVIDED AREA	RATIO ACTUAL / ALLOWABLE	RESULT
GROUND FLOOR												
FIRE ZONE A												
A-3	YES	38000 SF	1	75'-0"	706'-3"	706'-3"	30'-0"	75%	45,125 SF	22,947 SF	51%	COMPLIANT
FIRST FLOOR												
FIRE ZONE B												
E	YES	58000 SF	1	75'-0"	586'-4"	586'-4"	30'-0"	75%	68,875 SF	16,798 SF	24%	COMPLIANT
SECOND FLOOR												
FIRE ZONE C												
B	YES	92000 SF	1	75'-0"	601'-1"	601'-1"	30'-0"	75.01%	109,252 SF	15,496 SF	14%	COMPLIANT
TOTAL										55,242 SF		

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CODE WORKSHEETS/PLANS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A050

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OCCUPANT LOAD WORKSHEET

ROOM OR SPACE					OCCUPANT LOAD				ACCOUNTED FOR IN OTHER SPACES	NOTES
NUMBER	NAME	OCCUPANCY	AREA		DENSITY	CALCULATED	ACTUAL	COMBINED		
GROUND FLOOR										
104	WOMENS	NON OCCUPIED SPACE	124 SF	GROSS	0 SF	0	0	0	YES	-
105	MENS	NON OCCUPIED SPACE	119 SF	GROSS	0 SF	0	0	0	YES	-
106	ATRIUM LOBBY	ASSEMBLY - UNCONCENTRATED	1,682 SF	NET	15 SF	113	0	118	YES	-
106A	RECEPTION	BUSINESS AREAS	87 SF	GROSS	100 SF	1	1	0	NO	-
107	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	39 SF	GROSS	300 SF	1	0	0	YES	-
108	JANITOR	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	34 SF	GROSS	300 SF	1	0	0	YES	-
109A	MULTI-PURPOSE	ASSEMBLY - UNCONCENTRATED	381 SF	NET	15 SF	26	20	26	NO	-
109B	MULTI-PURPOSE	ASSEMBLY - UNCONCENTRATED	619 SF	NET	15 SF	42	40	42	NO	-
110	LOUNGE	ASSEMBLY - UNCONCENTRATED	526 SF	NET	15 SF	36	15	35	NO	-
111	CORRIDOR	NON OCCUPIED SPACE	244 SF	GROSS	0 SF	0	0	60	YES	-
111A	ENTRY	NON OCCUPIED SPACE	63 SF	GROSS	0 SF	0	0	0	YES	-
112	KITCHEN	KITCHENS - COMMERCIAL	608 SF	GROSS	200 SF	4	0	0	YES	-
113	CORRIDOR	NON OCCUPIED SPACE	146 SF	GROSS	0 SF	0	0	0	YES	-
114	MECHANICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	729 SF	GROSS	300 SF	3	0	0	YES	-
115	CORRIDOR	NON OCCUPIED SPACE	166 SF	GROSS	0 SF	0	0	0	YES	-
116	MACHINE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	37 SF	GROSS	300 SF	1	0	0	YES	-
117	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	66 SF	GROSS	300 SF	1	0	0	YES	-
118	MAIL	BUSINESS AREAS	1,035 SF	GROSS	100 SF	11	4	6	NO	-
119	KITCHENETTE	BUSINESS AREAS	118 SF	GROSS	100 SF	2	0	0	YES	-
120	WOMEN	NON OCCUPIED SPACE	62 SF	GROSS	0 SF	0	0	0	YES	-
121	MEN	NON OCCUPIED SPACE	62 SF	GROSS	0 SF	0	0	0	YES	-
122	CORRIDOR	NON OCCUPIED SPACE	84 SF	GROSS	0 SF	0	0	0	YES	-
123	COATS	NON OCCUPIED SPACE	7 SF	GROSS	0 SF	0	1	0	YES	-
124	TELECOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	98 SF	GROSS	300 SF	1	0	0	YES	-
126	OPEN OFFICE	BUSINESS AREAS	830 SF	GROSS	100 SF	9	9	9	NO	-
127	STORAGE	BUSINESS AREAS	123 SF	GROSS	100 SF	2	2	2	NO	-
128	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	168 SF	GROSS	300 SF	1	0	0	YES	-
128A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	97 SF	GROSS	300 SF	1	0	0	YES	-
128B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	97 SF	GROSS	300 SF	1	0	0	YES	-
132	GROSS MOTOR SKILLS ROOM	EXERCISE ROOMS	1,692 SF	GROSS	50 SF	34	0	34	YES	-
134	CORRIDOR	NON OCCUPIED SPACE	135 SF	GROSS	0 SF	0	0	17	YES	-
137	UNIVERSAL LOCKER	LOCKER ROOMS	292 SF	GROSS	50 SF	6	0	6	YES	-
137A	TLT/SHWR	NON OCCUPIED SPACE	84 SF	GROSS	0 SF	0	0	0	YES	-
137B	TLT/SHWR	NON OCCUPIED SPACE	84 SF	GROSS	0 SF	0	0	0	YES	-
137C	TLT/SHWR	NON OCCUPIED SPACE	93 SF	GROSS	0 SF	0	0	0	YES	-
137D	ELEC ROOM	NON OCCUPIED SPACE	42 SF	GROSS	0 SF	0	0	0	YES	-
138	CORRIDOR	NON OCCUPIED SPACE	977 SF	GROSS	0 SF	0	0	32	YES	-
139	SPECIALTY WELLNESS	EXERCISE ROOMS	617 SF	GROSS	50 SF	13	10	10	NO	-
140	VESTIBULE	NON OCCUPIED SPACE	174 SF	GROSS	0 SF	0	0	60	YES	-
145	VIRTUAL STREAMING/ SMALL GROUP STUDIO	EXERCISE ROOMS	1,301 SF	GROSS	50 SF	27	30	30	NO	-
147	WELLNESS	EXERCISE ROOMS	4,421 SF	GROSS	50 SF	89	42	90	NO	-
147A	O/PT	BUSINESS AREAS	74 SF	GROSS	100 SF	1	1	1	NO	-
149	MP STUDIO	EXERCISE ROOMS	1,525 SF	GROSS	50 SF	31	30	30	NO	-
149A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	156 SF	GROSS	300 SF	1	0	0	YES	-
153	OFFICE	BUSINESS AREAS	88 SF	GROSS	100 SF	1	1	1	NO	-
E1	ELEVATOR	NON OCCUPIED SPACE	59 SF	GROSS	0 SF	0	0	0	YES	-
S1	STAIR 1	NON OCCUPIED SPACE	281 SF	GROSS	0 SF	0	0	70	YES	-
S2	STAIR 2	NON OCCUPIED SPACE	193 SF	GROSS	0 SF	0	0	0	YES	-
S3	STAIR 3	NON OCCUPIED SPACE	216 SF	GROSS	0 SF	0	0	0	YES	-
						480		205		
FIRST FLOOR										
204	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	66 SF	GROSS	300 SF	1	0	0	YES	-
205	ATRIUM LOBBY	ASSEMBLY - UNCONCENTRATED	287 SF	NET	15 SF	20	0	33	YES	-
206	CORRIDOR	NON OCCUPIED SPACE	94 SF	GROSS	0 SF	0	0	0	YES	-
207	CORRIDOR	NON OCCUPIED SPACE	111 SF	GROSS	0 SF	0	0	0	YES	-
208	CORRIDOR	NON OCCUPIED SPACE	283 SF	GROSS	0 SF	0	0	0	26	YES
209	CORRIDOR	NON OCCUPIED SPACE	325 SF	GROSS	0 SF	0	0	21	YES	-
210	VESTIBULE	NON OCCUPIED SPACE	83 SF	GROSS	0 SF	0	0	0	YES	-
211	OFFICE	BUSINESS AREAS	83 SF	GROSS	100 SF	1	1	1	NO	-
212	OFFICE	BUSINESS AREAS	95 SF	GROSS	100 SF	1	1	1	NO	-
213	OFFICE	BUSINESS AREAS	96 SF	GROSS	100 SF	1	1	1	NO	-
216	HEADSTART	DAY CARE	990 SF	NET	35 SF	29	28	28	NO	-
216A	TOILET	NON OCCUPIED SPACE	91 SF	GROSS	0 SF	0	0	0	YES	-
216B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
217	HEADSTART	DAY CARE	844 SF	NET	35 SF	25	24	24	NO	-
217A	TOILET	NON OCCUPIED SPACE	98 SF	GROSS	0 SF	0	0	0	YES	-
217B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
219	HEADSTART	DAY CARE	850 SF	NET	35 SF	25	24	24	NO	-
219A	TOILET	NON OCCUPIED SPACE	94 SF	GROSS	0 SF	0	0	0	YES	-
219B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
220	HEADSTART	DAY CARE	844 SF	NET	35 SF	25	24	24	NO	-
220A	TOILET	NON OCCUPIED SPACE	94 SF	GROSS	0 SF	0	0	0	YES	-
220B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
221	3K	DAY CARE	700 SF	NET	35 SF	21	21	21	NO	-
221A	TOILET	NON OCCUPIED SPACE	151 SF	GROSS	0 SF	0	0	0	YES	-
221B	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
222	4/5'S	DAY CARE	841 SF	NET	35 SF	25	25	25	NO	-
222A	CLOSET	NON OCCUPIED SPACE	16 SF	GROSS	0 SF	0	0	0	YES	-
223	4K WRAP	DAY CARE	844 SF	NET	35 SF	25	25	25	NO	-
223A	TOILET	NON OCCUPIED SPACE	93 SF	GROSS	0 SF	0	0	0	YES	-
223B	CLOSET	NON OCCUPIED SPACE	17 SF	GROSS	0 SF	0	0	0	YES	-
224	CORRIDOR	NON OCCUPIED SPACE	348 SF	GROSS	0 SF	0	0	100	YES	-
225	CORRIDOR	NON OCCUPIED SPACE	452 SF	GROSS	0 SF	0	0	73	YES	-
226	CORRIDOR	NON OCCUPIED SPACE	75 SF	GROSS	0 SF	0	0	70	YES	-
227	PANTRY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	48 SF	GROSS	300 SF	1	0	0	YES	-
228	STORAGE	BUSINESS AREAS	126 SF	GROSS	100 SF	2	0	4	YES	-
229	LAUNDRY	BUSINESS AREAS	91 SF	GROSS	100 SF	1	0	1	YES	-
230	WORK ROOM	BUSINESS AREAS	163 SF	GROSS	100 SF	2	0	2	YES	-
231	BREAK ROOM	BUSINESS AREAS	127 SF	GROSS	100 SF	2	0	2	YES	-
232	CHILD CARE ADMIN	BUSINESS AREAS	170 SF	GROSS	100 SF	2	3	3	NO	-
233	MEN	NON OCCUPIED SPACE	70 SF	GROSS	0 SF	0	0	0	YES	-
234	WOMEN	NON OCCUPIED SPACE	71 SF	GROSS	0 SF	0	0	0	YES	-
235	TELECOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	23 SF	GROSS	300 SF	1	0	0	YES	-
236	CORRIDOR	NON OCCUPIED SPACE	62 SF	GROSS	0 SF	0	0	73	YES	-
237	SECURE LOBBY	NON OCCUPIED SPACE	201 SF	GROSS	0 SF	0	0	34	YES	-
238	CORRIDOR	NON OCCUPIED SPACE	635 SF	GROSS	0 SF	0	0	68	YES	-
239	DIRECTOR'S OFFICE	BUSINESS AREAS	128 SF	GROSS	100 SF	2	1	1	NO	-
240	SR 2'S	DAY CARE	584 SF	NET	35 SF	17	17	17	NO	-
240A	TOILET	NON OCCUPIED SPACE	93 SF	GROSS	0 SF	0	0	0	YES	-
240B	CLOSET	NON OCCUPIED SPACE	16 SF	GROSS	0 SF	0	0	0	YES	-
241	JR 2'S	DAY CARE	437 SF	NET	35 SF	13	13	13	NO	-
241A	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	16 SF	GROSS	300 SF	1	0	0	YES	-
242	TODDLERS	DAY CARE	309 SF	NET	35 SF	9	9	9	NO	-

OCCUPANT LOAD WORKSHEET

ROOM OR SPACE					OCCUPANT LOAD				ACCOUNTED FOR IN OTHER SPACES	NOTES
NUMBER	NAME	OCCUPANCY	AREA		DENSITY	CALCULATED	ACTUAL	COMBINED		
242A	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	11 SF	GROSS	300 SF	1	0	0	YES	-
242B	TOILET	NON OCCUPIED SPACE	110 SF	GROSS	0 SF	0	0	0	YES	-
242C	FOOD PREP/ DIAPERING	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	82 SF	GROSS	300 SF	1	0	0	YES	-
243	TODDLERS	DAY CARE	309 SF	NET	35 SF	9	9	9	NO	-
243A	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	11 SF	GROSS	300 SF	1	0	0	YES	-
244	INFANTS	DAY CARE	346 SF	NET	35 SF	10	9	9	NO	-
244A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	54 SF	GROSS	300 SF	1	0	0	YES	-
244B	FOOD PREP/ DIAPERING	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	82 SF	GROSS	300 SF	1	0	0	YES	-
245	INFANTS	DAY CARE	347 SF	NET	35 SF	10	9	9	NO	-
246	VESTIBULE	NON OCCUPIED SPACE	129 SF	GROSS	0 SF	0	0	0	YES	-
250	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	368 SF	GROSS	300 SF	2	0	0	YES	-
						293	244			
SECOND FLOOR										
304	WOMENS	NON OCCUPIED SPACE	124 SF	GROSS	0 SF	0	0	0	YES	-
305	MENS	NON OCCUPIED SPACE	119 SF	GROSS	0 SF	0	0	0	YES	-
306	ATRIUM LOBBY	ASSEMBLY - UNCONCENTRATED	1,386 SF	NET	15 SF	93	0	110	YES	-
307	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	39 SF	GROSS	300 SF	1	0	0	YES	-
308	JAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	34 SF	GROSS	300 SF	1	0	0	YES	-
309A	CONFERENCE ROOM	BUSINESS AREAS	294 SF	GROSS	100 SF	3	6	6	NO	-
309B	CONFERENCE ROOM	BUSINESS AREAS	310 SF	GROSS	100 SF	4	6	6	NO	-
310	CORRIDOR	NON OCCUPIED SPACE	375 SF	GROSS	0 SF	0	0	0	YES	-
311	CORRIDOR	NON OCCUPIED SPACE	146 SF	GROSS	0 SF	0	0	0	YES	-
312	COWORKNG	BUSINESS AREAS	477 SF	GROSS	100 SF	5	5	5	NO	-
312A	OFFICE	BUSINESS AREAS	90 SF	GROSS	100 SF	1	1	1	NO	-
312B	OFFICE	BUSINESS AREAS	65 SF	GROSS	100 SF	1	1	1	NO	-
312C	OFFICE	BUSINESS AREAS	65 SF	GROSS	100 SF	1	1	1	NO	-
312D	OFFICE	BUSINESS AREAS	66 SF	GROSS	100 SF	1	1	1	NO	-
312E	OFFICE	BUSINESS AREAS	73 SF	GROSS	100 SF	1	1	1	NO	-
312F	OFFICE	BUSINESS AREAS	77 SF	GROSS	100 SF	1	1	1	NO	-
312G	OFFICE	BUSINESS AREAS	79 SF	GROSS	100 SF	1	1	1	NO	-
312H	OFFICE	BUSINESS AREAS	61 SF	GROSS	100 SF	1	1	1	NO	-
312I	OFFICE	BUSINESS AREAS	65 SF	GROSS	100 SF	1	1	1	NO	-
312J	OFFICE	BUSINESS AREAS	58 SF	GROSS	100 SF	1	1	1	NO	-
312K	OFFICE	BUSINESS AREAS	112 SF	GROSS	100 SF	2	1	1	NO	-
312L	OFFICE	BUSINESS AREAS	153 SF	GROSS	100 SF	2	2	1	NO	-
312M	OFFICE	BUSINESS AREAS	142 SF	GROSS	100 SF	2	2	1	NO	-
312Q	WORK ROOM	BUSINESS AREAS	140 SF	GROSS	100 SF	2	0	2	YES	-
313	CORRIDOR	NON OCCUPIED SPACE	191 SF	GROSS	0 SF	0	0	0	YES	-
315	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	67 SF	GROSS	300 SF	1	0	0	YES	-
317A	CONSULT	BUSINESS AREAS	154 SF	GROSS	100 SF	2	2	2	NO	-
317B	CONSULT	BUSINESS AREAS	123 SF	GROSS	100 SF	2	2	2	NO	-
317C	CONSULT	BUSINESS AREAS	120 SF	GROSS	100 SF	2	2	2	NO	-
318	ABLELIGHT	BUSINESS AREAS	1,531 SF	GROSS	100 SF	16	16	16	NO	-
318A	OFFICE	BUSINESS AREAS	84 SF	GROSS	100 SF	1	2	2	NO	-
318B	OFFICE	BUSINESS AREAS	82 SF	GROSS	100 SF	1	2	2	NO	-
318C	OFFICE	BUSINESS AREAS	77 SF	GROSS	100 SF	1	2	2	NO	-
318D	OFFICE	BUSINESS AREAS	84 SF	GROSS	100 SF	1	1	1	NO	-
318E	OFFICE	BUSINESS AREAS	83 SF	GROSS	100 SF	1	1	1	NO	-
319	CAC	BUSINESS AREAS	678 SF	GROSS	100 SF	7	6	6	NO	-
322A	OFFICE	BUSINESS AREAS	116 SF	GROSS	100 SF	2	2	2	NO	-
322B	OFFICE	BUSINESS AREAS	118 SF	GROSS	100 SF	2	2	2	NO	-
322C	OFFICE	BUSINESS AREAS	47 SF	GROSS	100 SF	1	1	1	NO	-
322D	OFFICE	BUSINESS AREAS	48 SF	GROSS	100 SF	1	1	1	NO	-
322E	OFFICE	BUSINESS AREAS	48 SF	GROSS	100 SF	1	1	1	NO	-
322F	OFFICE	BUSINESS AREAS	47 SF	GROSS	100 SF	1	1	1	NO	-
323A	OFFICE	BUSINESS AREAS	130 SF	GROSS	100 SF	2	2	2	NO	-
323B	OFFICE	BUSINESS AREAS	142 SF	GROSS	100 SF	2	2	2	NO	-
323C	OFFICE	BUSINESS AREAS	130 SF	GROSS	100 SF	2	2	2	NO	-
323D	OFFICE	BUSINESS AREAS	142 SF	GROSS	100 SF	2	2	2	NO	-
324	CORRIDOR	NON OCCUPIED SPACE	387 SF	GROSS	0 SF	0	0	0	YES	-
324A	PASSAGE	NON OCCUPIED SPACE	170 SF	GROSS	0 SF	0	0	0	YES	-
325	MEN	NON OCCUPIED SPACE	70 SF	GROSS	0 SF	0	0	0	YES	-
326	WOMEN	NON OCCUPIED SPACE	71 SF	GROSS	0 SF	0	0	0	YES	-
327	TELECOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	23 SF	GROSS	300 SF	1	0	0	YES	-
328	CORRIDOR	NON OCCUPIED SPACE	189 SF	GROSS	0 SF	0	0	0	YES	-
329	CLOSET	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	22 SF	GROSS	300 SF	1	0	0	YES	-
331	CORRIDOR	NON OCCUPIED SPACE	476 SF	GROSS	0 SF	0	0	0	YES	-
331A	PASSAGE	NON OCCUPIED SPACE	174 SF	GROSS	0 SF	0	0	0	YES	-
332	GWCHF	BUSINESS AREAS	944 SF	GROSS	100 SF	10	10	10	NO	-
332A	OFFICE	BUSINESS AREAS	151 SF	GROSS	100 SF	2	2	2	NO	-
332B	OFFICE	BUSINESS AREAS	151 SF	GROSS	100 SF	2	2	2	NO	-
332C	OFFICE	BUSINESS AREAS	151 SF	GROSS	100 SF	2	2	2	NO	-
332D	OFFICE	BUSINESS AREAS	151 SF	GROSS	100 SF	2	2	2	NO	-
332E	OFFICE	BUSINESS AREAS	92 SF	GROSS	100 SF	1	1	1	NO	-
332F	OFFICE	BUSINESS AREAS	71 SF	GROSS	100 SF	1	1	1	NO	-
332G	OFFICE	BUSINESS AREAS	69 SF	GROSS	100 SF	1	1	1	NO	-
333	OFFICE	BUSINESS AREAS	158 SF	GROSS	100 SF	2	2	2	NO	-
334	CORRIDOR	NON OCCUPIED SPACE	216 SF	GROSS	0 SF	0	0	0	YES	-
335	CAFE	BUSINESS AREAS	107 SF	GROSS	100 SF	2	0	2	YES	-
336	COFFEE	BUSINESS AREAS	287 SF	GROSS	100 SF	3	0	0	YES	-
TOTAL						206	107			
						959	556			

BUILDING OCCUPANT LOAD GENERAL NOTES:

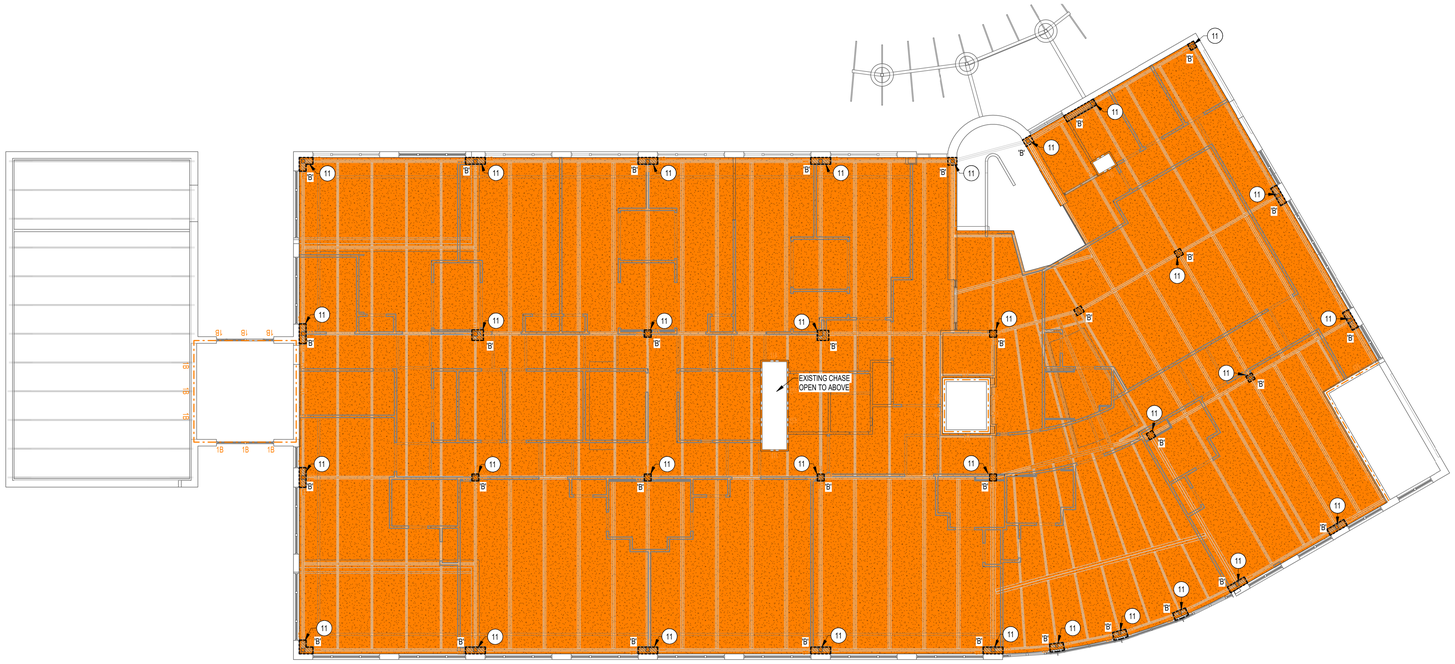
A. UNOCCUPIED ACCESSORY AREA PER 2015 IBC SECTION 1002.1 DEFINITIONS FOR 'NET FLOOR AREA'.

BUILDING OCCUPANT LOAD WORKSHEET NOTES:

1. N/A

EGRESS WIDTH WORKSHEET

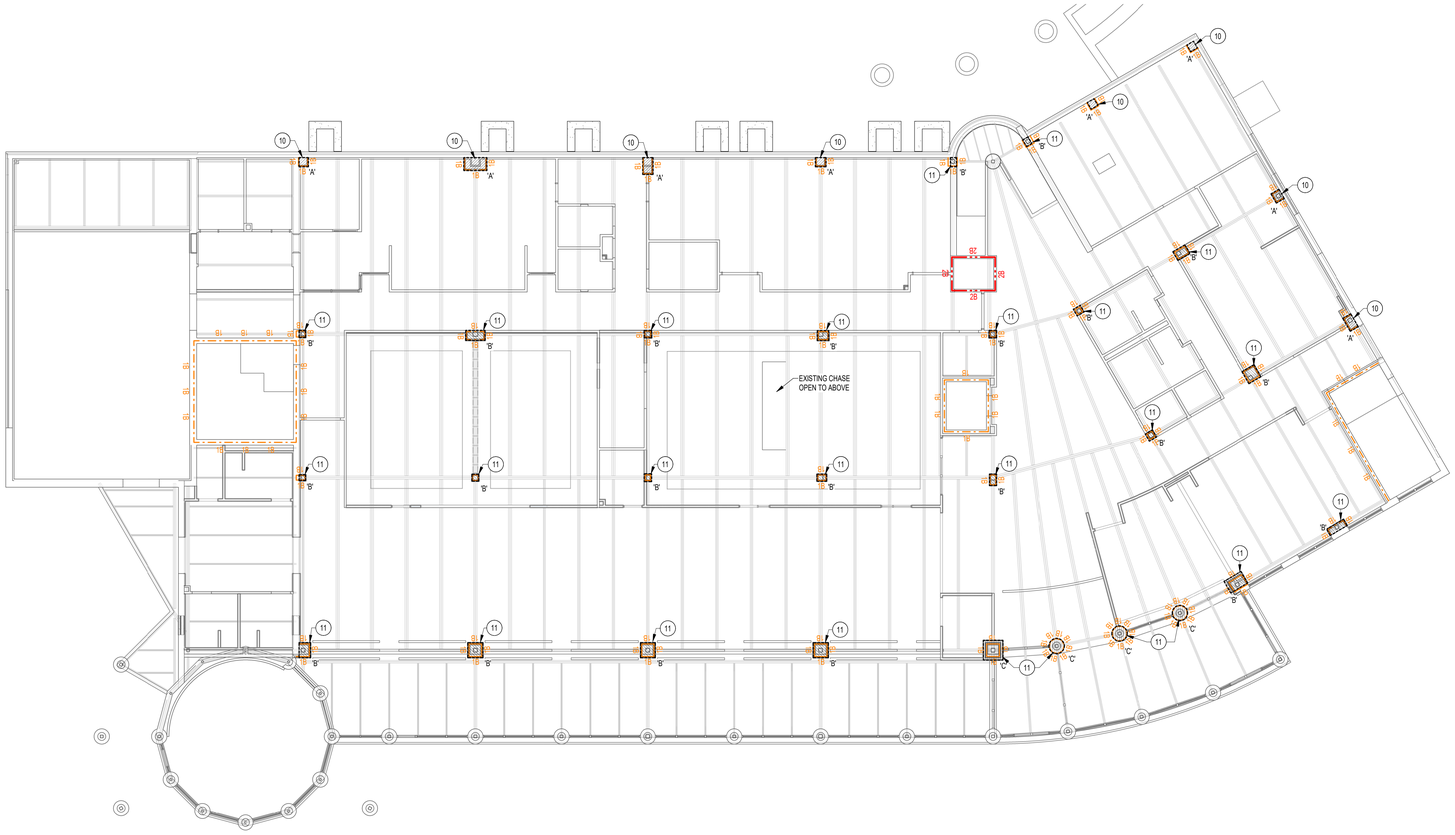
ROOM OR SPACE			CALCULATED OCCUPANT LOAD		STAIR			OTHER EGRESS COMPONENTS			NOTES
NUMBER	NAME	OCCUPANCY	BY AREA (IBC 1004.1.1)	MAX BY AGGREGATE WIDTH	WIDTH FACTOR	REQUIRED WIDTH	PROVIDED WIDTH	WIDTH FACTOR	REQUIRED WIDTH	PROVIDED WIDTH	
GROUND FLOOR											
104	WOMENS	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
105	MENS	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
106	ATRIUM LOBBY	ASSEMBLY - UNCONCENTRATED	118	223	0.2	24"	0"	0.15	17.7"	33.5"	-
106A	RECEPTION	BUSINESS AREAS	0	223	0.2	0"	0"	0.15	0"	33.5"	-
107	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
108	JANITOR	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
109A	MULTI-PURPOSE	ASSEMBLY - UNCONCENTRATED	26	223	0.2	5"	0"	0.15	3.9"	33.5"	-
109B	MULTI-PURPOSE	ASSEMBLY - UNCONCENTRATED	42	223	0.2	8"	0"	0.15	6.3"	33.5"	-
110	LOUNGE	ASSEMBLY - UNCONCENTRATED	36	223	0.2	7"	0"	0.15	5.4"	33.5"	-
111	CORRIDOR	NON OCCUPIED SPACE	60	223	0.2	12"	0"	0.15	9"	33.5"	-
111A	ENTRY	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
112	KITCHEN	KITCHENS - COMMERCIAL	4	223	0.2	1"	0"	0.15	0.6"	33.5"	-
113	CORRIDOR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
114	MECHANICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	3	223	0.2	1"	0"	0.15	0.45"	33.5"	-
115	CORRIDOR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
116	MACHINE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
117	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
118	MAIL	BUSINESS AREAS	11	223	0.2	2"	0"	0.15	1.65"	33.5"	-
119	KITCHENETTE	BUSINESS AREAS	2	223	0.2	0"	0"	0.15	0.3"	33.5"	-
120	WOMEN	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
121	MEN	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
122	CORRIDOR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
123	COATS	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
124	TELECOM	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
126	OPEN OFFICE	BUSINESS AREAS	9	223	0.2	2"	0"	0.15	1.35"	33.5"	-
127	STORAGE	BUSINESS AREAS	2	223	0.2	0"	0"	0.15	0.3"	33.5"	-
128	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
128A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
128B	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
132	GROSS MOTOR SKILLS ROOM	EXERCISE ROOMS	34	893	0.2	7"	0"	0.15	5.1"	134"	-
134	CORRIDOR	NON OCCUPIED SPACE	17	447	0.2	3"	0"	0.15	2.55"	67"	-
137	UNIVERSAL LOCKER	LOCKER ROOMS	6	447	0.2	1"	0"	0.15	0.9"	67"	-
137A	TLT/SHWR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
137B	TLT/SHWR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
137C	TLT/SHWR	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
137D	ELEC ROOM	NON OCCUPIED SPACE	0	223	0.2	0"	0"	0.15	0"	33.5"	-
138	CORRIDOR	NON OCCUPIED SPACE	32	223	0.2	6"	0"	0.15	4.8"	33.5"	-
139	SPECIALTY WELLNESS	EXERCISE ROOMS	13	447	0.2	3"	0"	0.15	1.95"	67"	-
140	VESTIBULE	NON OCCUPIED SPACE	60	223	0.2	12"	0"	0.15	9"	33.5"	-
145	VIRTUAL STREAMING/ SMALL GROUP STUDIO	EXERCISE ROOMS	30	223	0.2	6"	0"	0.15	4.5"	33.5"	-
147	WELLNESS	EXERCISE ROOMS	90	447	0.2	18"	0"	0.15	13.5"	67"	-
147A	O/PT	BUSINESS AREAS	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
149	MP STUDIO	EXERCISE ROOMS	31	447	0.2	6"	0"	0.15	4.65"	67"	-
149A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
153	OFFICE	BUSINESS AREAS	1	223	0.2	0"	0"	0.15	0.15"	33.5"	-
E1	ELEVATOR	NON OCCUPIED SPACE	0	223	0.2	0"	164"	0.15	0"	33.5"	-
S1	STAIR 1	NON OCCUPIED SPACE	70	223	0.2	14"	164"	0.15	10.5"	33.5"	-
S2	STAIR 2	NON OCCUPIED SPACE	0	223	0.2	0"	164"	0.15	0"	33.5"	-
S3	STAIR 3	NON OCCUPIED SPACE	0	223	0.2	0"	164"	0.15	0"	33.5"	-
			707			141"	656"		106.05"	1,909.5"	
FIRST FLOOR											
204	ELECTRICAL	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1	223	0.2	0"	164"	0.15	0.15"	33.5"	-



NORTH

FIRST FLOOR FIREPROOFING PLAN

3/32" = 1'-0"



NORTH

GROUND FLOOR REFLECTED CEILING PLAN

3/32" = 1'-0"

FIREPROOFING PLAN - SYMBOLS LEGEND

COLUMN SCHEDULE:

'A' = CONCRETE COLUMN.

'B' = GYPSUM BOARD ENCASED PROTECTION.

'C' = MASONRY ENCASED PROTECTION.

BEAM / JOIST SCHEDULE:

= SPRAY APPLIED FIREPROOFING (1 HOUR RATED)

FIRE PROOFING PLAN - GENERAL NOTES

A. PROTECT THE STEEL COLUMNS AND BEAMS/JOISTS PER SCHEDULE ABOVE. ALL UNIDENTIFIED BEAMS/JOISTS ARE UNPROTECTED.

FIREPROOFING PLAN NOTES

MARK	DESCRIPTION
10	PROVIDE FIREPROOFING OF EXPOSED COLUMN ABOVE CONCRETE COLUMN. FIELD VERIFY EXACT CONDITIONS AND EXTENTS.
11	PROVIDE FIREPROOFING OF EXPOSED COLUMN ABOVE COLUMN ENCLOSURE. FIELD VERIFY EXACT CONDITIONS AND EXTENTS.

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 339 4780
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9900
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr, buda, tx 78610 t 737 525 0900

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

FIRE PROOFING PLAN

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: A052

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DEMOLITION PLAN - SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ITEM TO REMAIN
- EXISTING ITEM TO BE REMOVED
- DEMOLITION PLAN KEYNOTE
- BEARING WALLS. FIELD VERIFY.

DEMOLITION PLAN - GENERAL NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

B. VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.

C. REMOVE FLOOR FINISHES, INCLUDING MORTAR IN CERAMIC TILE AREAS, WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.

D. REMOVE SUSPENDED CEILINGS AND RELATED HANGERS, OR GYPSUM BOARD / PLASTER CEILINGS WHERE NEW CEILINGS ARE INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.

E. REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS.

F. REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO, CABINETRY, EQUIPMENT, LOCKERS, TOILET PARTITIONS, SHELVING, HOOK STRIPS, HANDRAILS, CLOSET POLES, CHALK AND TACK BOARDS, MIRRORS, WALL AND CEILING TRIM, BASE.

G. REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.

H. COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.

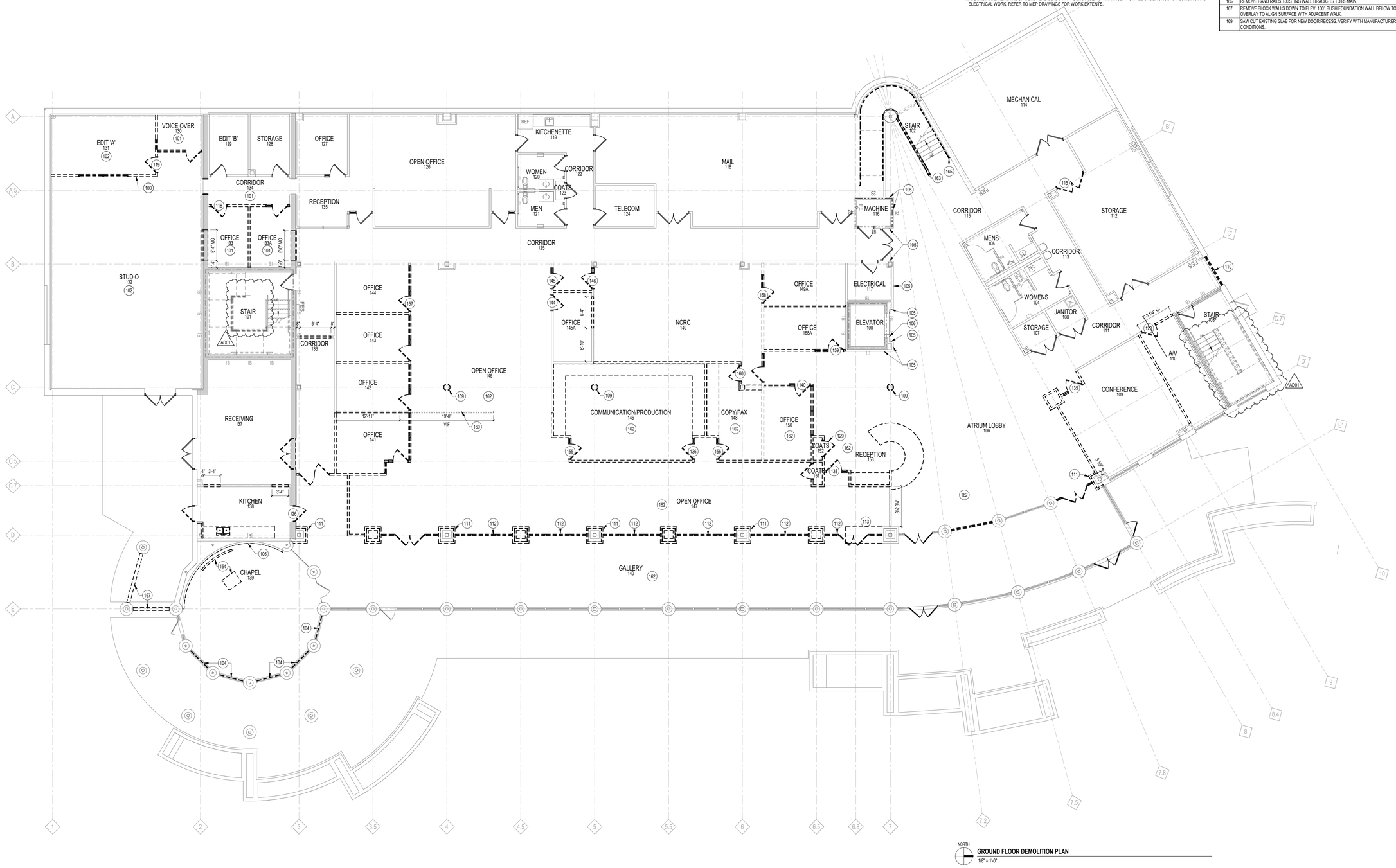
I. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

J. CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL B6 / A810

K. COORDINATE REMOVAL OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND PLUMBING AND ELECTRICAL WORK. REFER TO MEP DRAWINGS FOR WORK EXTENTS.

DEMOLITION PLAN NOTES

MARK	DESCRIPTION
100	REMOVE PORTION OF WALL UP TO MATCH THE HEIGHT OF THE ADJACENT SOFFIT.
101	REMOVE AND STORE GRID AS REQUIRED FOR FUTURE REINSTALLATION. PROTECT STORED TILE FROM DAMAGE.
102	REMOVE AND REPLACE ANY STAINED, WARPED OR DAMAGED CEILING TILE FROM ATC STOCK.
104	REMOVE STAIN GLASS PANELS FROM LOWER PORTION OF STOREFRONT SYSTEM AND RETURN TO OWNER. UPPER TWO SECTIONS OF STAIN GLASS TO REMAIN. PATCH EXISTING FRAME WHERE ANY FASTENERS WERE REMOVED. ALL PATCHING TO MATCH FRAMING COLOR.
105	REMOVE LAMINATED WOOD PANELS, PREP AND PATCH WALL FOR NEW FINISH.
106	REMOVE METAL WALL MATERIAL AT ELEVATOR DOORS.
109	REMOVE COLUMN ENCLOSURE AND ASSOCIATED ATTACHMENT FRAMING.
110	REMOVE WINDOW SYSTEM FOR MODIFICATION AND REINSTALLATION.
111	REMOVE MASONRY VENEER, FRAMING AND SUBSTRATE TO REMAIN.
112	REMOVE WINDOW/DOOR SYSTEM AND WALL ABOVE UP TO SOFFIT TO REMAIN.
113	REMOVE GYPSUM BOARD SOFFIT AS REQUIRED FOR NEW CONSTRUCTION.
115	REMOVE DOOR AND FRAME FOR RELOCATION TO 134. SALVAGE EXTG HARDWARE FOR REUSE.
118	REMOVE DOOR AND FRAME FOR RELOCATION TO 211. SALVAGE EXTG HARDWARE FOR REUSE.
119	REMOVE DOOR AND FRAME FOR RELOCATION TO 212. SALVAGE EXTG HARDWARE FOR REUSE.
126	REMOVE DOOR AND FRAME FOR RELOCATION TO 230. SALVAGE EXTG HARDWARE FOR REUSE.
128	REMOVE DOOR AND FRAME FOR RELOCATION TO 231. SALVAGE EXTG HARDWARE FOR REUSE.
129	REMOVE DOOR AND FRAME FOR RELOCATION TO 232. SALVAGE EXTG HARDWARE FOR REUSE.
135	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312B. SALVAGE EXTG HARDWARE FOR REUSE.
136	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312C. SALVAGE EXTG HARDWARE FOR REUSE.
138	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312E. SALVAGE EXTG HARDWARE FOR REUSE.
140	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312G. SALVAGE EXTG HARDWARE FOR REUSE.
144	REMOVE DOOR AND FRAME FOR RELOCATION TO 317A. SALVAGE EXTG HARDWARE FOR REUSE.
145	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 317B. SALVAGE EXTG HARDWARE FOR REUSE.
146	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 317C. SALVAGE EXTG HARDWARE FOR REUSE.
155	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 332A. SALVAGE EXTG HARDWARE FOR REUSE.
156	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 332E. SALVAGE EXTG HARDWARE FOR REUSE.
157	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 332E.1. SALVAGE EXTG HARDWARE FOR REUSE.
158	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 332F. SALVAGE EXTG HARDWARE FOR REUSE.
159	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 332G. SALVAGE EXTG HARDWARE FOR REUSE.
160	REMOVE DOOR AND FRAME FOR RELOCATION TO 333. SALVAGE EXTG HARDWARE FOR REUSE.
162	CUT FLOOR AS REQUIRED FOR INSTALLATION OF ELECTRICAL BOXES AND CONDUIT. COORDINATE WITH MEPS, FURNITURE/EQUIPMENT LAYOUTS/VENDORS FOR EXACT LOCATION AND EXTENTS.
163	REMOVE GUARD/HAND RAILS.
164	REMOVE ALTER AND PODIUM AND RETURN TO OWNER. PATCH FLOOR AS REQUIRED.
165	REMOVE HAND RAILS. EXISTING WALL BRACKETS TO REMAIN.
167	REMOVE BLOCK WALLS DOWN TO ELEV. 100'. BUSH FOUNDATION WALL BELOW TO 99'-11 ½". PROVIDE CEMENTITIOUS OVERLAY TO ALIGN SURFACE WITH ADJACENT WALK.
169	SAW CUT EXISTING SLAB FOR NEW DOOR RECESS. VERIFY WITH MANUFACTURER REQUIREMENTS FOR EXACT CONDITIONS.



NORTH

GROUND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon wren dr., buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

GROUND FLOOR DEMOLITION PLAN

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A100

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DEMOLITION PLAN - SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ITEM TO REMAIN
- EXISTING ITEM TO BE REMOVED
- DEMOLITION PLAN KEYNOTE
- BEARING WALLS. FIELD VERIFY.

DEMOLITION PLAN - GENERAL NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

B. VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.

AD01 C. REMOVE FLOOR FINISHES, INCLUDING MORTAR IN CERAMIC TILE AREAS, WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.

D. REMOVE SUSPENDED CEILINGS AND RELATED HANGERS, OR GYPSUM BOARD / PLASTER CEILINGS WHERE NEW CEILINGS ARE INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.

E. REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS.

F. REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO, CABINETRY, EQUIPMENT, LOCKERS, TOILET PARTITIONS, SHELVING, HOOK STRIPS, HANDRAILS, CLOSET POLES, CHALK AND TACK BOARDS, MIRRORS, WALL AND CEILING TRIM, BASE.

G. REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.

H. COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.

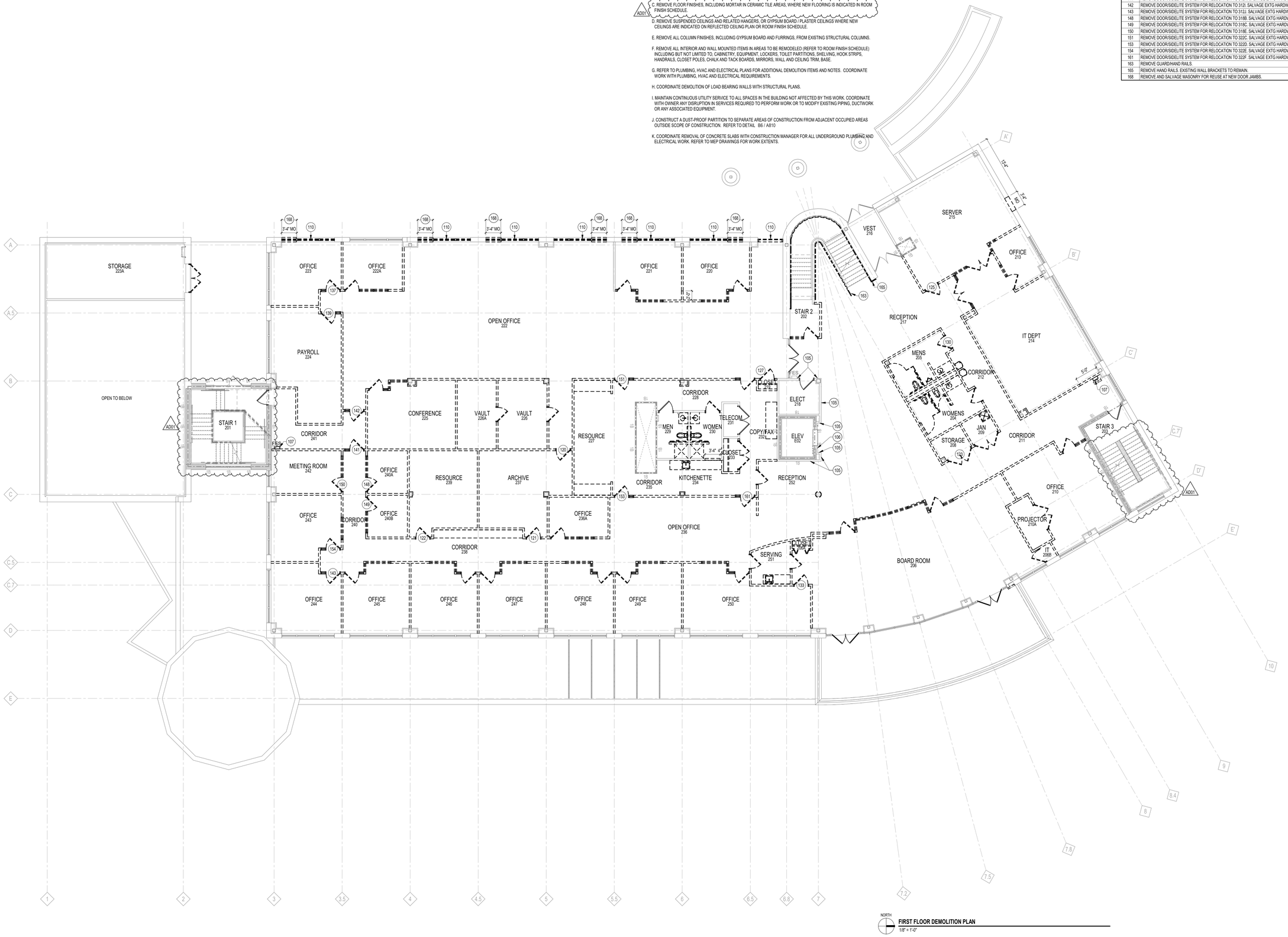
I. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

J. CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL B6 / A810

K. COORDINATE REMOVAL OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND PLUMBING AND ELECTRICAL WORK. REFER TO MEP DRAWINGS FOR WORK EXTENTS.

DEMOLITION PLAN NOTES

MARK	DESCRIPTION
105	REMOVE LAMINATED WOOD PANELS. PREP AND PATCH WALL FOR NEW FINISH.
106	REMOVE METAL WALL MATERIAL AT ELEVATOR DOORS.
107	REMOVE FIRE EXTINGUISHER/CABINET FOR RELOCATION.
110	REMOVE WINDOW SYSTEM FOR MODIFICATION AND REINSTALLATION.
120	REMOVE DOOR AND FRAME FOR RELOCATION TO 213. SALVAGE EXTG HARDWARE FOR REUSE.
121	REMOVE DOOR AND FRAME FOR RELOCATION TO 214. SALVAGE EXTG HARDWARE FOR REUSE.
122	REMOVE DOOR AND FRAME FOR RELOCATION TO 215. SALVAGE EXTG HARDWARE FOR REUSE.
123	REMOVE DOOR AND FRAME FOR RELOCATION TO 227. SALVAGE EXTG HARDWARE FOR REUSE.
125	REMOVE DOOR AND FRAME FOR RELOCATION TO 229.1. SALVAGE EXTG HARDWARE FOR REUSE.
127	REMOVE DOOR AND FRAME FOR RELOCATION TO 230.1. SALVAGE EXTG HARDWARE FOR REUSE.
130	REMOVE DOOR AND FRAME FOR RELOCATION TO 234. SALVAGE EXTG HARDWARE FOR REUSE.
133	REMOVE DOOR AND FRAME FOR RELOCATION TO 312. SALVAGE EXTG HARDWARE FOR REUSE.
137	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312D. SALVAGE EXTG HARDWARE FOR REUSE.
139	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312F. SALVAGE EXTG HARDWARE FOR REUSE.
141	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312H. SALVAGE EXTG HARDWARE FOR REUSE.
142	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312I. SALVAGE EXTG HARDWARE FOR REUSE.
143	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 312J. SALVAGE EXTG HARDWARE FOR REUSE.
148	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 318B. SALVAGE EXTG HARDWARE FOR REUSE.
149	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 318C. SALVAGE EXTG HARDWARE FOR REUSE.
150	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 318E. SALVAGE EXTG HARDWARE FOR REUSE.
151	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 322C. SALVAGE EXTG HARDWARE FOR REUSE.
153	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 322D. SALVAGE EXTG HARDWARE FOR REUSE.
154	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 322E. SALVAGE EXTG HARDWARE FOR REUSE.
161	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 322F. SALVAGE EXTG HARDWARE FOR REUSE.
163	REMOVE GUARD/HAND RAILS.
165	REMOVE HAND RAILS. EXISTING WALL BRACKETS TO REMAIN.
168	REMOVE AND SALVAGE MASONRY FOR REUSE AT NEW DOOR JAMBS.



NORTH

FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

pra PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr., buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

FIRST FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A101

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DEMOLITION PLAN - SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING ITEM TO REMAIN
- EXISTING ITEM TO BE REMOVED
- DEMOLITION PLAN KEYNOTE
- BEARING WALLS. FIELD VERIFY.

DEMOLITION PLAN - GENERAL NOTES

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G. REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.

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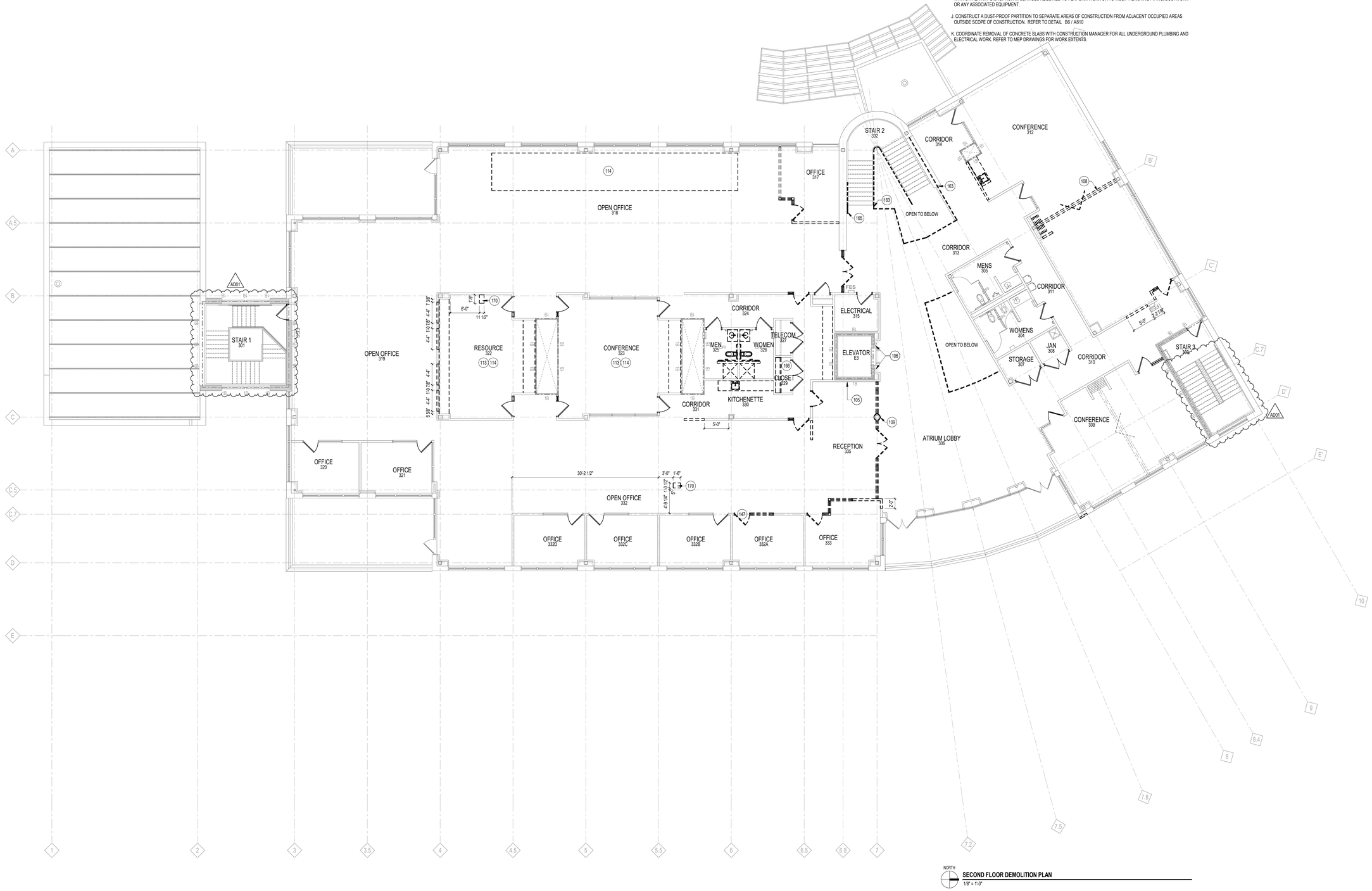
DEMOLITION PLAN NOTES

MARK	DESCRIPTION
105	REMOVE LAMINATED WOOD PANELS. PREP AND PATCH WALL FOR NEW FINISH.
106	REMOVE METAL WALL MATERIAL AT ELEVATOR DOORS.
108	REMOVE OPERABLE FOLDING PARTITION AND TRACK ASSEMBLY FOR RELOCATION TO 109A/109B.
109	REMOVE COLUMN ENCLOSURE AND ASSOCIATED ATTACHMENT FRAMING.
113	REMOVE GYPSUM BOARD SOFFIT AS REQUIRED FOR NEW CONSTRUCTION.
114	REMOVE ACOUSTICAL CEILING ASSEMBLY AS REQUIRED FOR NEW CONSTRUCTION.
147	REMOVE DOOR/SIDELITE SYSTEM FOR RELOCATION TO 318A. SALVAGE EXTG HARDWARE FOR REUSE.
163	REMOVE GUARD/HAND RAILS.
165	REMOVE HAND RAILS. EXISTING WALL BRACKETS TO REMAIN.
166	REMOVE SHELF AND POLE FOR MODIFICATION AND REINSTALLATION.
170	CUT FLOOR AS REQUIRED FOR DUCT PENETRATION. REFER TO MEP DRAWINGS FOR EXACT SIZE.



NORTH

SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
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pra PLUNKETT RAYSICH ARCHITECTS, LLP

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

SECOND FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A102

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FLOOR PLAN SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO REMAIN
- SECTION REFERENCE (1 / A101)
- EXTERIOR ELEVATION (DTL / SHT)
- INTERIOR ELEVATION (DTL / SHT)
- FLOOR PLAN NOTE (X)
- ONE HOUR RATED FIRE BARRIER (1B)
- TWO HOUR RATED FIRE BARRIER (2B)
- NEW WALL/PARTITION
- NEW DOOR (101)
- EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE (102)
- DETAIL REFERENCE (1 / A101)
- WINDOW TYPE (AL01)
- WALL/PARTITION TYPE (BG0)
- FLOOR DRAIN (FD FD)
- SEMI-RECESSED FIRE EXTINGUISHER (FESR)

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL B4 / A810

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS

E. COORDINATE REPLACEMENT OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND PLUMBING AND ELECTRICAL WORK. REFER TO MEP DRAWINGS FOR WORK EXTENTS.

A400 / B2

FLOOR PLAN NOTES

MARK	DESCRIPTION
200	CONCRETE STOOP AND SLAB.
203	PATCH WALL AND PREPARE FOR FINISHES.
205	RELOCATED OPERABLE FOLDING PARTITION AND TRACK ASSEMBLY.
206	REINSTALLED MODIFIED FRAME.
207	RELOCATED DOOR AND FRAME. VERIFY REINSTALLATION OF SALVAGED HARDWARE.
209	PROVIDE 8" X 12" WALL GRILLE AT 8"AFF
210	MODIFY EXISTING GUARDRAILS AS REQUIRED AND PROVIDE NEW HANDRAILS. PAINT PAS-6.
211	PROVIDE SEALANT AT ALL GAPS IN GLAZING.
212	PATCH WALLS AS REQUIRED FOR INSTALLATION OF ELECTRICAL.
213	NEW HANDRAIL. REATTACHED RAILS AT SAME LOCATIONS AS REMOVED RAILS. STAIN STN-1.
214	PATCH FLOORING AS REQUIRED AND PREPARE FOR FINISHES. VERIFY EXACT EXTENTS.
217	PROVIDE LEVEL 5 FINISH ON GYPSUM BOARD.
218	PATCH MASONRY WALL AS REQUIRED TO MATCH REMAINING COLUMN ENCLOSURE.
219	MODIFY EXISTING GUARDRAILS AS REQUIRED. PAINT PAS-6.

EXTERIOR WALL TYPES

MARK	ASSEMBLY DESCRIPTION
	MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK (EDIT FOR OTHER MATERIALS), AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON XX" CONCRETE MASONRY UNIT BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPS/VENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL XX/AXXX.
1A.5	MASONRY VENEER STUD WALL CONSISTING OF 4"CMU TO MATCH EXISTING, AIR SPACE, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 5/8" EXTERIOR GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS WITH FULL WIDTH CLOSED CELL SPRAY FOAM INSULATION AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR FACE. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS @ 16" OC EACH WAY, CAVITY DRAINAGE MATERIAL, FLASHING, MASONRY EXPANSION AND CONTROL JOINTS.

INTERIOR PARTITION TYPES

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
A00	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG1	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	1 HR	U419	3" MINERAL WOOL BATT
BL0	6" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	FULL WIDTH SOUND
GB0	7/8" HAT CHANNELS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD1	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	X528	--
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GF0	1-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD. INSULATION SUPPORT WIRE (ON CHASE SIDE)	--	--	3-1/2" THERMAL
SS0	12" CONCRETE MASONRY UNITS	--	--	--
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	--	--	--
VA1	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD. FOLLOW ATTACHMENT REQUIREMENTS TO MEET UL419.	1 HR	U419	--
ZG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" CEMENT BOARD 5/8" STONE VENEER ON THINSET GROUT.	--	--	--

pra PLUNKETT RAYSICH ARCHITECTS, LLP
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311 canyon rivers dr., buda, tx 78610 t 737 525 09

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

GROUND FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A200

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NORTH
GROUND FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO REMAIN
- SECTION REFERENCE (1 / A101)
- EXTERIOR ELEVATION (DTL / SHT)
- INTERIOR ELEVATION (DTL / SHT)
- FLOOR PLAN NOTE (X)
- ONE HOUR RATED FIRE BARRIER (18)
- TWO HOUR RATED FIRE BARRIER (2B)
- NEW WALL/PARTITION
- NEW DOOR (101)
- EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE (102)
- DETAIL REFERENCE (1 / A101)
- WINDOW TYPE (AL01)
- WALL/PARTITION TYPE (BG0)
- FLOOR DRAIN (FD FD)
- SEMI-RECESSED FIRE EXTINGUISHER (FESR)

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL B4 / A810

FLOOR PLAN NOTES

MARK	DESCRIPTION
200	CONCRETE STOOP AND SLAB.
203	PATCH WALL AND PREPARE FOR FINISHES.
206	REINSTALLED MODIFIED FRAME.
207	RELOCATED DOOR AND FRAME. VERIFY REINSTALLATION OF SALVAGED HARDWARE.
210	MODIFY EXISTING GUARDRAILS AS REQUIRED AND PROVIDE NEW HANDRAILS. PAINT PAS-6.
217	PROVIDE LEVEL 5 FINISH ON GYPSUM BOARD.
219	MODIFY EXISTING GUARDRAILS AS REQUIRED. PAINT PAS-6.

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

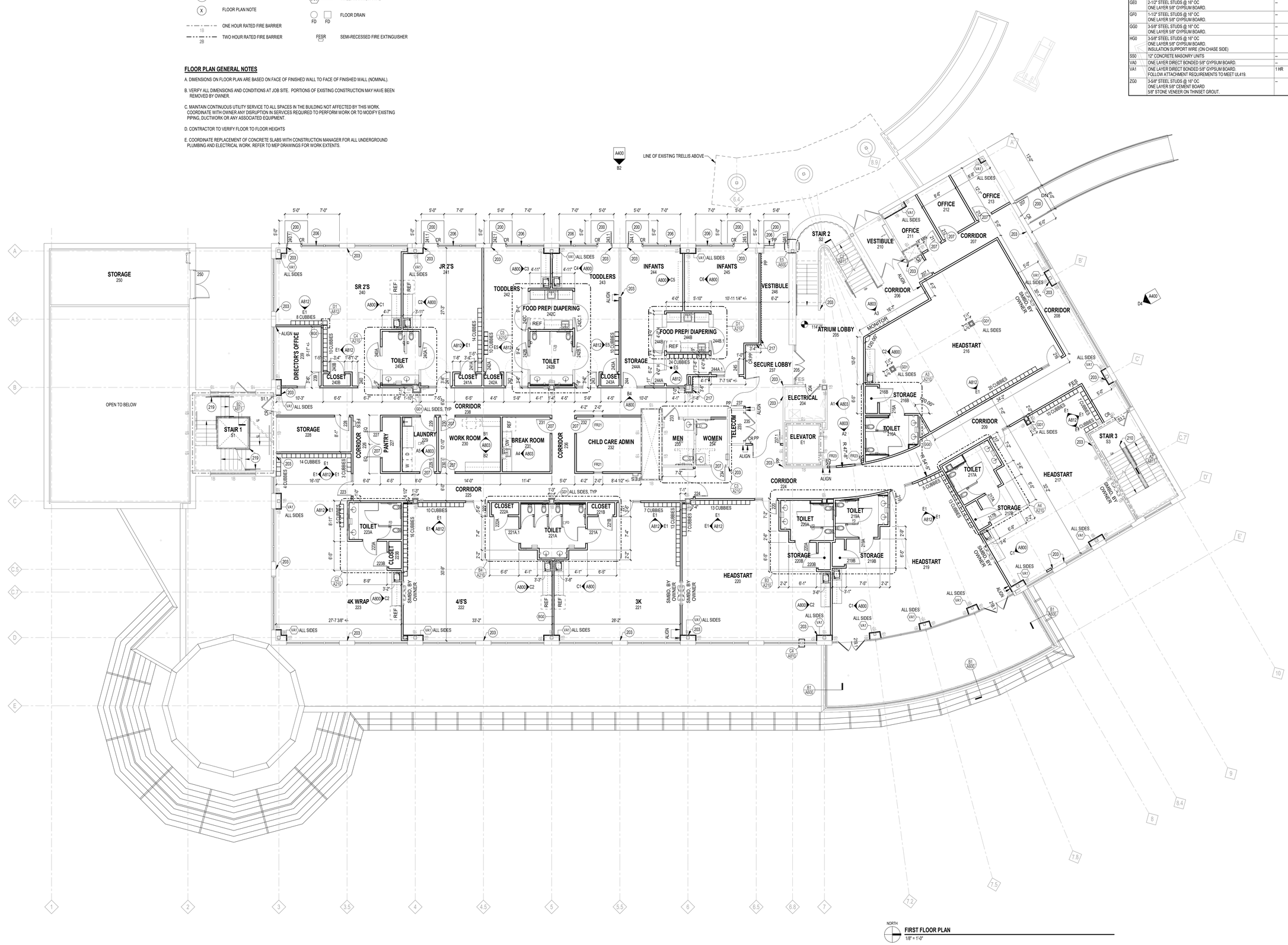
C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS

E. COORDINATE REPLACEMENT OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND PLUMBING AND ELECTRICAL WORK. REFER TO MEP DRAWINGS FOR WORK EXTENTS.

INTERIOR PARTITION TYPES

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
AD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG1	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	1 HR	U419	3" MINERAL WOOL BATT
BL0	6" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	FULL WIDTH SOUND
GB0	7/8" HAT CHANNELS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD1	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	X528	--
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GF0	1-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD. INSULATION SUPPORT WIRE (ON CHASE SIDE)	--	--	3-1/2" THERMAL
SS0	12" CONCRETE MASONRY UNITS	--	--	--
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	--	--	--
VA1	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD. FOLLOW ATTACHMENT REQUIREMENTS TO MEET UL419.	1 HR	U419	--
ZG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" CEMENT BOARD 5/8" STONE VENEER ON THINSET GROUT.	--	--	--



NORTH

FIRST FLOOR PLAN
1/8" = 1'-0"

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr., buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

FIRST FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A201

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FLOOR PLAN SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO REMAIN
- SECTION REFERENCE (1 / A101)
- EXTERIOR ELEVATION (DTL / SHT)
- INTERIOR ELEVATION (DTL / SHT)
- FLOOR PLAN NOTE (X)
- ONE HOUR RATED FIRE BARRIER (1B)
- TWO HOUR RATED FIRE BARRIER (2B)
- NEW WALL/PARTITION
- NEW DOOR (101)
- EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE (102)
- DETAIL REFERENCE (1 / A101)
- WINDOW TYPE (AL01)
- WALL/PARTITION TYPE (BG0)
- FLOOR DRAIN (FD FD)
- SEMI-RECESSED FIRE EXTINGUISHER (FESR)

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS

E. COORDINATE REPLACEMENT OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND PLUMBING AND ELECTRICAL WORK. REFER TO MEP DRAWINGS FOR WORK EXTENTS.

A400 / B2

GYPSUM BOARD PARTITIONS GENERAL NOTES

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL B4 / A810

FLOOR PLAN NOTES

MARK	DESCRIPTION
203	PATCH WALL AND PREPARE FOR FINISHES
207	RELOCATED DOOR AND FRAME. VERIFY REINSTALLATION OF SALVAGED HARDWARE.
208	RELOCATED DOOR/SIDELITE SYSTEM. VERIFY REINSTALLATION OF SALVAGED HARDWARE.
210	MODIFY EXISTING GUARDRAILS AS REQUIRED AND PROVIDE NEW HANDRAILS. PAINT PAS-6.
215	FLOOR INFILL. VERIFY EXACT EXTENTS.
216	MODIFY SHELF AND POLE TO ACCOMMODATE CHASE AND REINSTALL.

FLOOR ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
S3	CAST-IN-PLACE REINFORCED CONCRETE ON METAL DECK.

INTERIOR PARTITION TYPES

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
AD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	--
AG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	--
AG1	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	1 HR	U419	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG1	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	1 HR	U419	3" MINERAL WOOL BATT
BL0	6" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	FULL WIDTH SOUND
GB0	7/8" HAT CHANNELS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD1	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	X528	--
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GF0	1-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER GYPSUM BOARD. INSULATION SUPPORT WIRE (ON CHASE SIDE)	--	--	3-1/2" THERMAL
SS0	12" CONCRETE MASONRY UNITS	--	--	--
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	--	--	--
VA1	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD. FOLLOW ATTACHMENT REQUIREMENTS TO MEET UL419.	1 HR	U419	--
ZG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" CEMENT BOARD 5/8" STONE VENEER ON THINSET GROUT.	--	--	--

NORTH

SECOND FLOOR PLAN
1/8" = 1'-0"

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 8615
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr., buda, tx 78610 t 737 525 09

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

SECOND FLOOR PLAN

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A202

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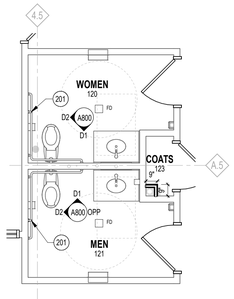
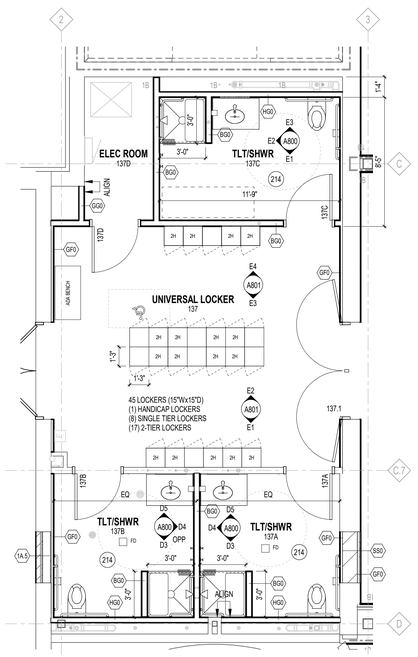
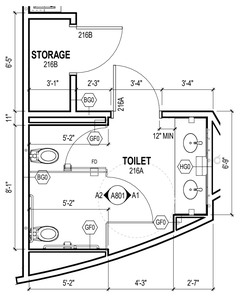


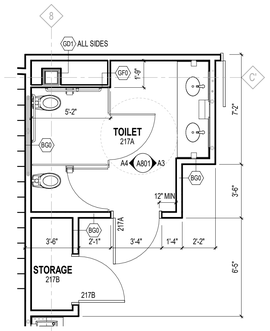
A1 **GROUND FLOOR - SINGLE USER TOILETS**
1/4" = 1'-0"



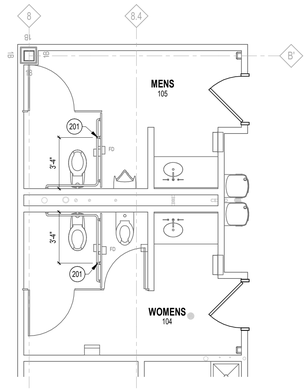
B2 **GROUND FLOOR - UNIVERSAL LOCKER ROOMS**
1/4" = 1'-0"



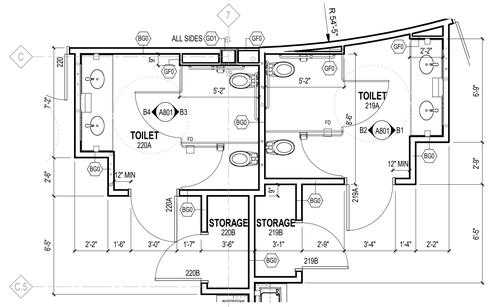
A3 **FIRST FLOOR - TOILET 216A**
1/4" = 1'-0"



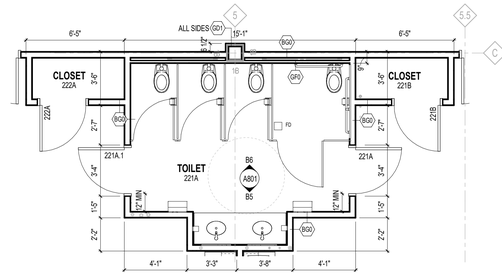
A4 **FIRST FLOOR - TOILET 217A**
1/4" = 1'-0"



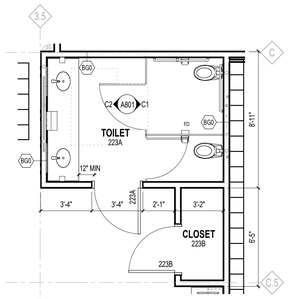
B1 **GROUND FLOOR - MULTI USER TOILETS**
1/4" = 1'-0"



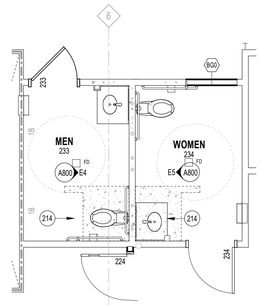
B3 **FIRST FLOOR - TOILET 219A/220A**
1/4" = 1'-0"



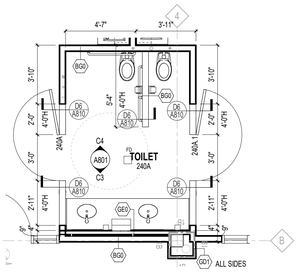
B4 **FIRST FLOOR - TOILET 221A**
1/4" = 1'-0"



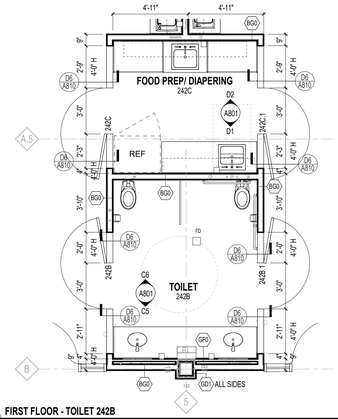
C2 **FIRST FLOOR - TOILET 223A**
1/4" = 1'-0"



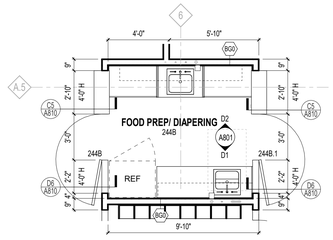
C3 **FIRST FLOOR - SINGLE USER TOILETS**
1/4" = 1'-0"



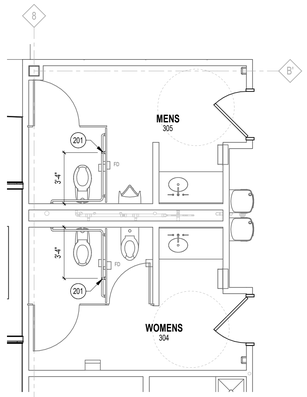
C4 **FIRST FLOOR - TOILET 240A**
1/4" = 1'-0"



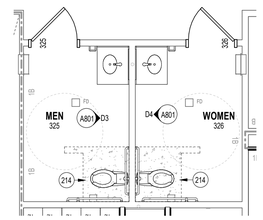
C5 **FIRST FLOOR - TOILET 242B**
1/4" = 1'-0"



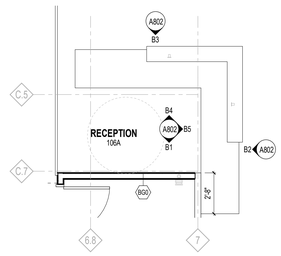
D1 **FIRST FLOOR - FOOD PREP/ DIAPERING 244B**
1/4" = 1'-0"



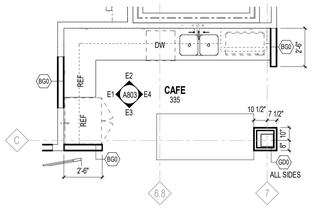
D2 **SECOND FLOOR - MULTI USER TOILETS**
1/4" = 1'-0"



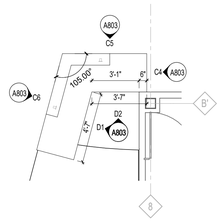
D3 **SECOND FLOOR - SINGLE USER TOILETS**
1/4" = 1'-0"



E3 **GROUND FLOOR - YMCA DESK**
1/4" = 1'-0"



E4 **SECOND FLOOR - CAFE**
1/4" = 1'-0"



E5 **SECOND FLOOR - INFO DESK**
1/4" = 1'-0"

FLOOR PLAN SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO REMAIN
- SECTION REFERENCE (A101)
- EXTERIOR ELEVATION (DTL / SHT)
- INTERIOR ELEVATION (DTL / SHT)
- FLOOR PLAN NOTE (X)
- ONE HOUR RATED FIRE BARRIER (1B)
- TWO HOUR RATED FIRE BARRIER (2B)
- NEW WALL/PARTITION
- NEW DOOR (101)
- EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE (102)
- DETAIL REFERENCE (A101)
- WINDOW TYPE (AL01)
- WALL/PARTITION TYPE (BG0)
- FLOOR DRAIN (FD)
- SEMI-RECESSED FIRE EXTINGUISHER (FESR)

FLOOR PLAN GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS

E. COORDINATE REPLACEMENT OF CONCRETE SLABS WITH CONSTRUCTION MANAGER FOR ALL UNDERGROUND **GYPSUM BOARD PARTITIONS GENERAL NOTES** AS FOR WORK EXTENTS.

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL B4 / A810

INTERIOR PARTITION TYPES

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
AD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	--
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	3-1/2" SOUND
BG1	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	1 HR	U419	3" MINERAL WOOL BATT
BL0	6" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	--	--	FULL WIDTH SOUND
GB0	7/8" HAT CHANNELS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GD1	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	X528	--
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GF0	1-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	--	--	--
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD. INSULATION SUPPORT WIRE (ON CHASE SIDE)	--	--	3-1/2" THERMAL
SS0	12" CONCRETE MASONRY UNITS	--	--	--
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	--	--	--
VA1	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD. FOLLOW ATTACHMENT REQUIREMENTS TO MEET UL419.	1 HR	U419	--
ZG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" CEMENT BOARD 5/8" STONE VENEER ON THINSET GROUT.	--	--	--

FLOOR PLAN NOTES

MARK	DESCRIPTION
201	PROVIDE VERTICAL GRAB BAR, PROVIDE BLOCKING AS REQUIRED. REFER TO SHEET A800 FOR TYPICAL MOUNTING HEIGHTS.
214	PATCH FLOORING AS REQUIRED AND PREPARE FOR FINISHES. VERIFY EXACT EXTENTS.

pra PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8886
311 canyon wren dr, buda, tx 78610 t 737 525 0933

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WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

ENLARGED FLOOR PLANS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A210

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ROOF PLAN SYMBOLS LEGEND

X" / 12"	DIRECTION OF STRUCTURAL SLOPE TO DRAIN
X" / 12"	DIRECTION OF INSULATION TAPER SLOPE TO DRAIN.
1 / A101	DETAIL REFERENCE
	TAPERED INSULATION VALLEY OR RIDGE
RD/OD	ROOF DRAIN / OVERFLOW DRAIN
+X"	TAPERED INSULATION THICKNESS
	LOCATION OF CONCRETE PAVER
X	ROOF PLAN NOTE
	CONSTRUCTION LIMITS
	MATCHLINE

ROOF PLAN GENERAL NOTES

A. COORDINATE AND VERIFY ALL ROOF OPENINGS AND PENETRATIONS WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL REQUIREMENTS.

B. PROVIDE WATER TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURERS STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT NRCA STANDARDS.

C. PROVIDE POSITIVE ROOF DRAINAGE INCLUDING TAPERED INSULATION LAYOUT. PROVIDE SADDLES AND CRICKETS AT ALL ROOF TOP EQUIPMENT AND PENETRATIONS TO ENSURE POSITIVE DRAINAGE.

D. PROVIDE 24" WIDE CONCRETE PAVER WITH SLIP SHEETING FROM ROOF SCUTTLE TO ALL MECHANICAL ROOFTOP UNITS AND ALL ROOF ACCESS LADDERS. PROVIDE PAVERS AROUND PERIMETER OF ROOF SCUTTLE AND HVAC ROOFTOP UNITS. PROVIDE PAVERS AT LANDINGS BELOW ROOF ACCESS LADDERS.

E. MINIMUM ALLOWABLE INSULATION TAPER SLOPE SHALL BE 1/4" PER FOOT UNLESS NOTED OTHERWISE

ROOF PLAN NOTES

MARK	DESCRIPTION
700	REMOVE EXISTING BALLAST AND ROOFING SYSTEM. PROVIDE NEW BALLASTED EPDM ROOFING MEMBRANE OVER EXISTING INSULATION SYSTEM
701	REMOVE EXISTING PAVERS AND PEDESTALS FOR REINSTALLATION. REMOVE EXISTING ROOFING MEMBRANE. PROVIDE EPDM ROOFING MEMBRANE OVER EXISTING INSULATION AND REINSTALL EXISTING PAVERS AND PEDESTALS.
703	REMOVE AND REINSTALL EXISTING COPING AROUND THE FULL PERIMETER AS REQUIRED FOR INSTALLATION OF NEW ROOFING. REFER TO SHEET A600 FOR DETAILS.
704	PROVIDE NEW METAL COPINGS ON WOOD BLOCKING. REPLACE BLOCKING AS REQUIRED. REFER TO SHEET A600 FOR DETAILS.
705	PROVIDE NEW FLASHING/COUNTERFLASHING AT PERIMETER. REFER TO SHEET A600 FOR DETAILS.
706	PROVIDE NEW FLASHINGS AND TRIM AT PERIMETER. REFER TO SHEET A600 FOR DETAILS.

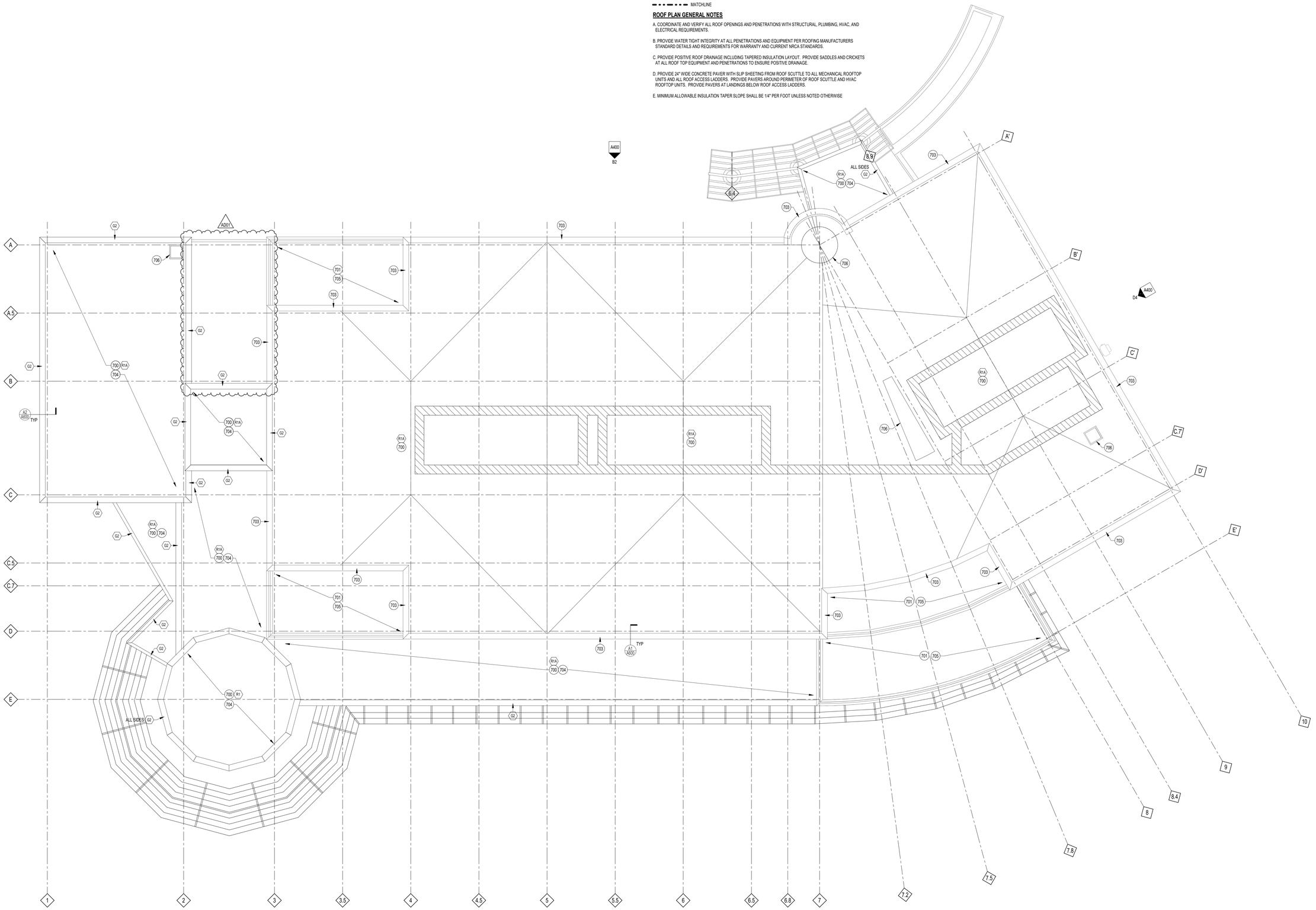
AD01

ROOF ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
R1A	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON EXISTING INSULATION.

CONSTRUCTION TYPES

MARK	DESCRIPTION
G2	METAL COPING SYSTEM: METAL COPING ON WOOD BLOCKING. REPLACE BLOCKING AS REQUIRED.



NORTH

OVERALL ROOF PLAN
1/8" = 1'-0"

pra PLUNKETT RAYSICH ARCHITECTS, LLP
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2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

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REVISIONS:
AD01 09-06-22

ROOF PLANS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A220

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FLOOR PATTERN PLAN - SYMBOLS LEGEND

- FLOOR PATTERN/GRAIN DIRECTION
- FLOORING TRANSITION
- CORNER GUARD REFER TO DETAILS: CG-1
- (X) FLOOR PATTERN PLAN NOTE
- PA-1 ACCENT PAINT/SPECIALTY FINISH EXTENTS
- IRWC1 IMPACT RESISTANT WALL COVERING
- WT1 WALL TILE EXTENTS

FLOOR PATTERN PLAN - GENERAL NOTES

A. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.

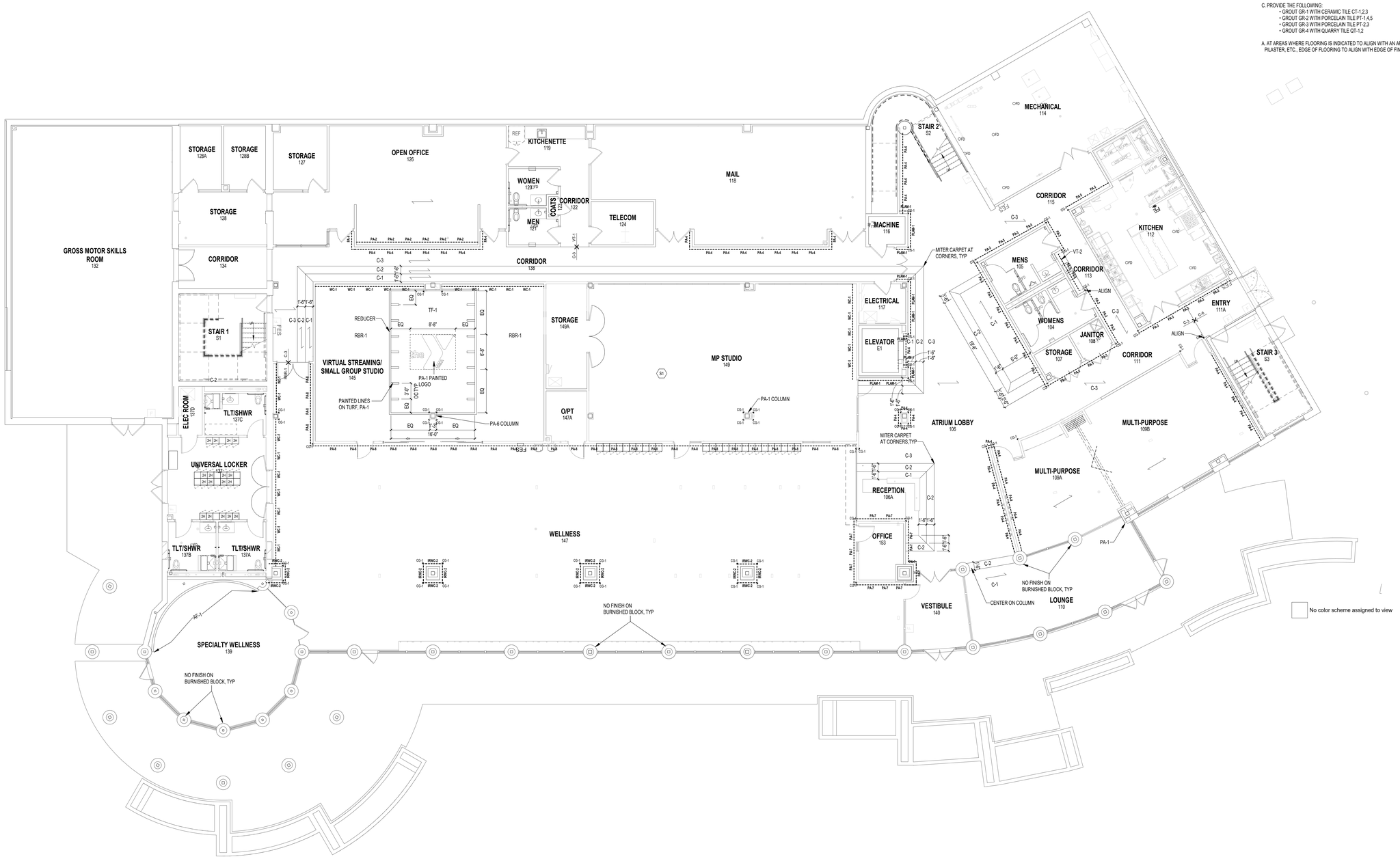
B. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS.
- PROVIDE TS-1 BETWEEN PORCELAIN TILE (PT) OR QUARRY TILE (QT) AND CARPET TILE, USE SUB FLOOR LEVELING STRIPS FOR A FLUSH TRANSITION.
- PROVIDE TS-2 BETWEEN PORCELAIN TILE (PT) AND SHEET VINYL (SV-1,2,3)
- PROVIDE TS-3 BETWEEN CARPET TILE AND SHEET VINYL (SV-1,2,3)
- PROVIDE TS-4 BETWEEN CARPET TILE AND RBR-1
- PROVIDE TS-5 BETWEEN CARPET TILE AND SUBFLOOR
- PROVIDE TS-6 BETWEEN SV-4 AND SUBFLOOR
- PROVIDE FEATHERING OF LEVELING COMPOUND OR SUBFLOOR LEVELING STRIPS BY TARKETT BETWEEN SV-4 AND RBR-1.

A. INSTALLATION METHOD PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- MONOLITHIC: CARPET TILE C-1,2,3,5; AND PORCELAIN TILE PT-1
- ASHLAR: CARPET TILE, C-4.
- HORIZONTAL 1/2 OFFSET: CERAMIC TILE CT-1 AT 2ND FLOOR
- STACK BOND: CERAMIC TILE CT-2,3; AND PORCELAIN TILE PT-5
- VERTICAL STACK BOND: CERAMIC TILE CT-1 AT 1ST FLOOR SHOWER
- QUARTER-TURNED: C-6

B. AT AREAS WHERE TILE IS SCHEDULED TO CONTINUE UP ON TO THE WALL FROM THE FLOOR, GROUT LINES BETWEEN FLOOR AND WALL TILES ARE TO ALIGN, UNLESS OTHERWISE NOTED.

C. PROVIDE THE FOLLOWING:
- GROUT GR-1 WITH CERAMIC TILE CT-1,2,3
- GROUT GR-2 WITH PORCELAIN TILE PT-1,4,5
- GROUT GR-3 WITH PORCELAIN TILE PT-2,3
- GROUT GR-4 WITH QUARRY TILE QT-1,2

A. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PILASTER, ETC., EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.



NORTH

GROUND FLOOR FINISHES PLAN
1/8" = 1'-0"

209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon wren dr, buda, tx 78610 t 737 525 0933

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

GROUND FLOOR FINISHES PLANS

CONSTRUCTION SET

DATE: 08-19-22
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SHEET NO: A230

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FLOOR PATTERN PLAN - SYMBOLS LEGEND

- FLOOR PATTERN/GRAIN DIRECTION
- FLOORING TRANSITION
- CG-1 CORNER GUARD REFER TO DETAILS:
- (X) FLOOR PATTERN PLAN NOTE
- PA-1 ACCENT PAINT/SPECIALTY FINISH EXTENTS
- IRWC1 IMPACT RESISTANT WALL COVERING
- WT1 WALL TILE EXTENTS

FLOOR PATTERN PLAN - GENERAL NOTES

A. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.

B. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS.
- PROVIDE TS-1 BETWEEN PORCELAIN TILE (PT) OR QUARRY TILE (QT) AND CARPET TILE, USE SUB FLOOR LEVELING STRIPS FOR A FLUSH TRANSITION.
- PROVIDE TS-2 BETWEEN PORCELAIN TILE (PT) AND SHEET VINYL (SV-1,2,3)
- PROVIDE TS-3 BETWEEN CARPET TILE AND SHEET VINYL (SV-1,2,3)
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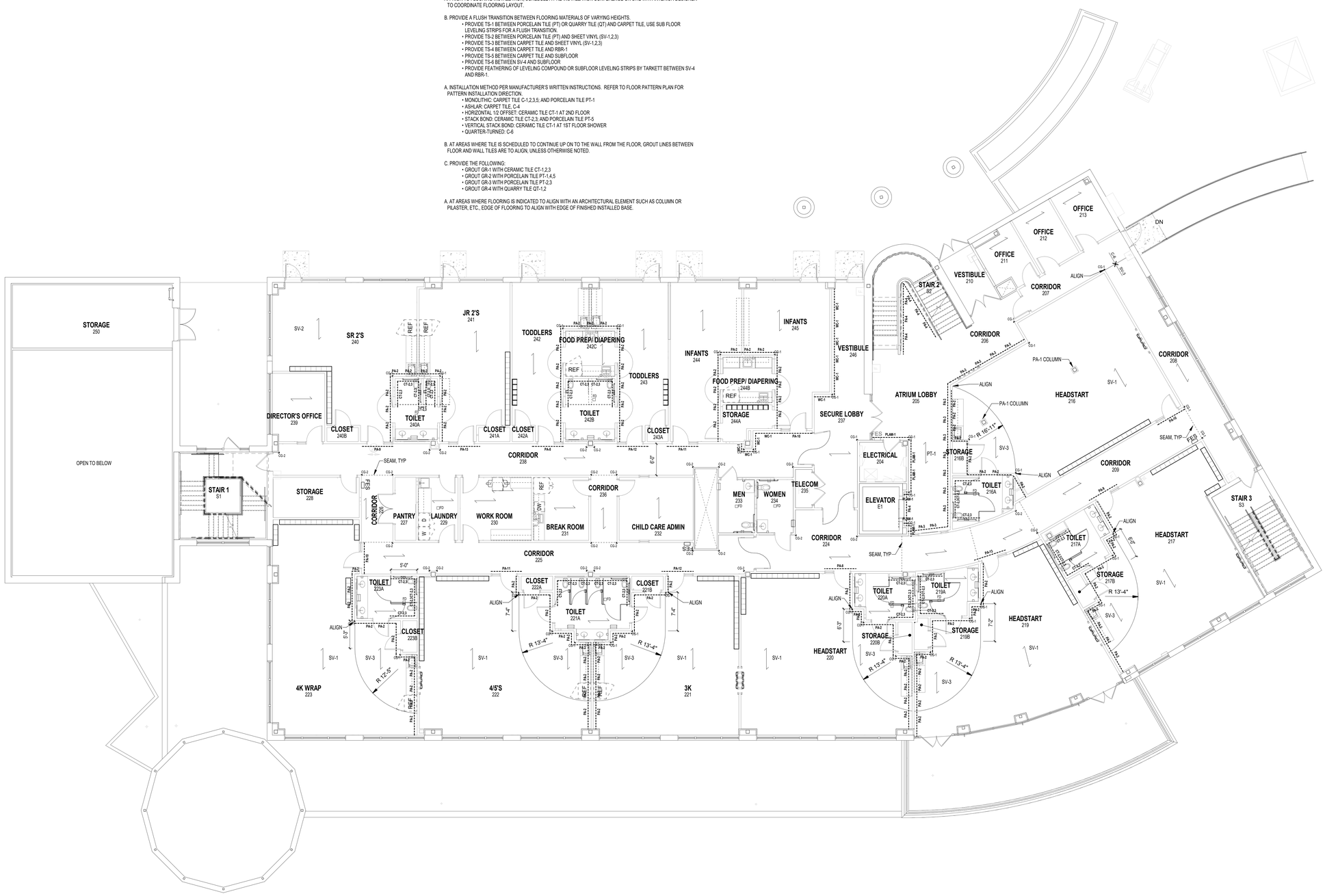
- PROVIDE TS-5 BETWEEN CARPET TILE AND SUBFLOOR
- PROVIDE TS-6 BETWEEN SV-4 AND SUBFLOOR
- PROVIDE FEATHERING OF LEVELING COMPOUND OR SUBFLOOR LEVELING STRIPS BY TARKETT BETWEEN SV-4 AND RBR-1.

A. INSTALLATION METHOD PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- MONOLITHIC: CARPET TILE C-1,2,3,5; AND PORCELAIN TILE PT-1
- ASHLAR: CARPET TILE, C-4
- HORIZONTAL 1/2 OFFSET: CERAMIC TILE CT-1 AT 2ND FLOOR
- STACK BOND: CERAMIC TILE CT-2,3; AND PORCELAIN TILE PT-5
- VERTICAL STACK BOND: CERAMIC TILE CT-1 AT 1ST FLOOR SHOWER
- QUARTER-TURNED: C-6

B. AT AREAS WHERE TILE IS SCHEDULED TO CONTINUE UP ON TO THE WALL FROM THE FLOOR, GROUT LINES BETWEEN FLOOR AND WALL TILES ARE TO ALIGN, UNLESS OTHERWISE NOTED.

C. PROVIDE THE FOLLOWING:
- GROUT GR-1 WITH CERAMIC TILE CT-1,2,3
- GROUT GR-2 WITH PORCELAIN TILE PT-1,4,5
- GROUT GR-3 WITH PORCELAIN TILE PT-2,3
- GROUT GR-4 WITH QUARRY TILE QT-1,2

A. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PILASTER, ETC., EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.



NORTH

FIRST FLOOR FINISHES PLAN
1/8" = 1'-0"

pra PLUNKETT RAYSICH ARCHITECTS, LLP
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1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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FIRST FLOOR FINISHES PLANS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A231

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FLOOR PATTERN PLAN - SYMBOLS LEGEND

- FLOOR PATTERN/GRAIN DIRECTION
- FLOORING TRANSITION
- CG-1 — CORNER GUARD REFER TO DETAILS:
- (X) — FLOOR PATTERN PLAN NOTE
- PA-1 — ACCENT PAINT/SPECIALTY FINISH EXTENTS
- IRWC1 — IMPACT RESISTANT WALL COVERING
- WT1 — WALL TILE EXTENTS

FLOOR PATTERN PLAN - GENERAL NOTES

A. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.

B. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS.
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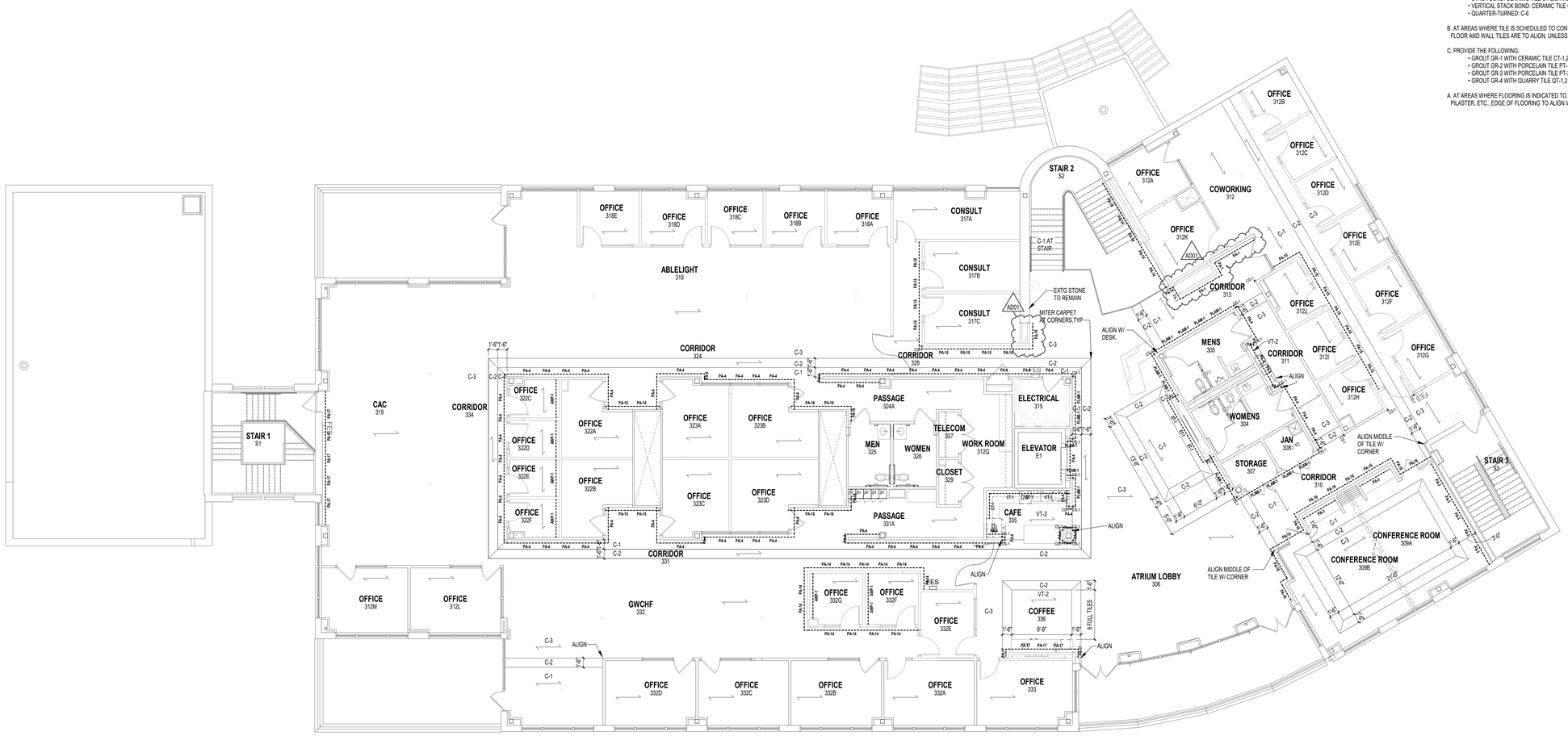
- PROVIDE TS-6 BETWEEN SV-4 AND SUBFLOOR
- PROVIDE FEATHERING OF LEVELING COMPOUND OR SUBFLOOR LEVELING STRIPS BY TARKETT BETWEEN SV-4 AND RBR-1.

A. INSTALLATION METHOD PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- MONOLITHIC: CARPET TILE C-1,2,3,5; AND PORCELAIN TILE PT-1
- ASHLAR: CARPET TILE, C-4
- HORIZONTAL 1/2 OFFSET: CERAMIC TILE CT-1 AT 2ND FLOOR
- STACK BOND: CERAMIC TILE CT-2,3; AND PORCELAIN TILE PT-5
- VERTICAL STACK BOND: CERAMIC TILE CT-1 AT 1ST FLOOR SHOWER
- QUARTER-TURNED: C-6

B. AT AREAS WHERE TILE IS SCHEDULED TO CONTINUE UP ON TO THE WALL FROM THE FLOOR, GROUT LINES BETWEEN FLOOR AND WALL TILES ARE TO ALIGN, UNLESS OTHERWISE NOTED.

C. PROVIDE THE FOLLOWING:
- GROUT GR-1 WITH CERAMIC TILE CT-1,2,3
- GROUT GR-2 WITH PORCELAIN TILE PT-1,4,5
- GROUT GR-3 WITH PORCELAIN TILE PT-2,3
- GROUT GR-4 WITH QUARRY TILE QT-1,2

A. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PILASTER, ETC., EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.



NORTH

SECOND FLOOR FINISHES PLAN
1/8" = 1'-0"

pra PLUNKETT RAYSICH ARCHITECTS, LLP
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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AD01 09-06-22

SECOND FLOOR FINISHES PLANS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A232

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REFLECTED CEILING PLAN SYMBOLS LEGEND

- 2'-0" x 4'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- 2'-0" x 2'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING OR BULKHEAD
- 1 / A101 — DETAIL REFERENCE
- 8' - 0" — CEILING HEIGHT
- REFLECTED CEILING PLAN NOTE
- 1B — ONE HOUR RATED FIRE BARRIER
- 2B — TWO HOUR RATED FIRE BARRIER

REFLECTED CEILING PLAN NOTES

MARK	DESCRIPTION
300	INFILL CEILING WITH EXISTING CEILING TILE AND GRID SALVAGED DURING DEMOLITION ACTIVITIES.
301	PATCH CEILING AS REQUIRED FROM REMOVAL OF EXISTING ELEMENTS.
302	REMOVE AND REINSTALL EXISTING CEILING GRID AND TILE AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH MEP WORK. PROTECT MATERIAL FROM DAMAGE.
303	REMOVE GYPSUM BOARD CEILING AND PATCH AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH MEP WORK.
305	SMOKE BAFFLE.
306	BOX TRUSS MOUNTED TO BEAM MOUNTED 9'-6" AFF. COORDINATE EXACT HEIGHT WITH MEP WORK, CEILINGS AND ITEMS ATTACHED TO TRUSS.

CEILING ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC.

REFLECTED CEILING PLAN GENERAL NOTES

A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".

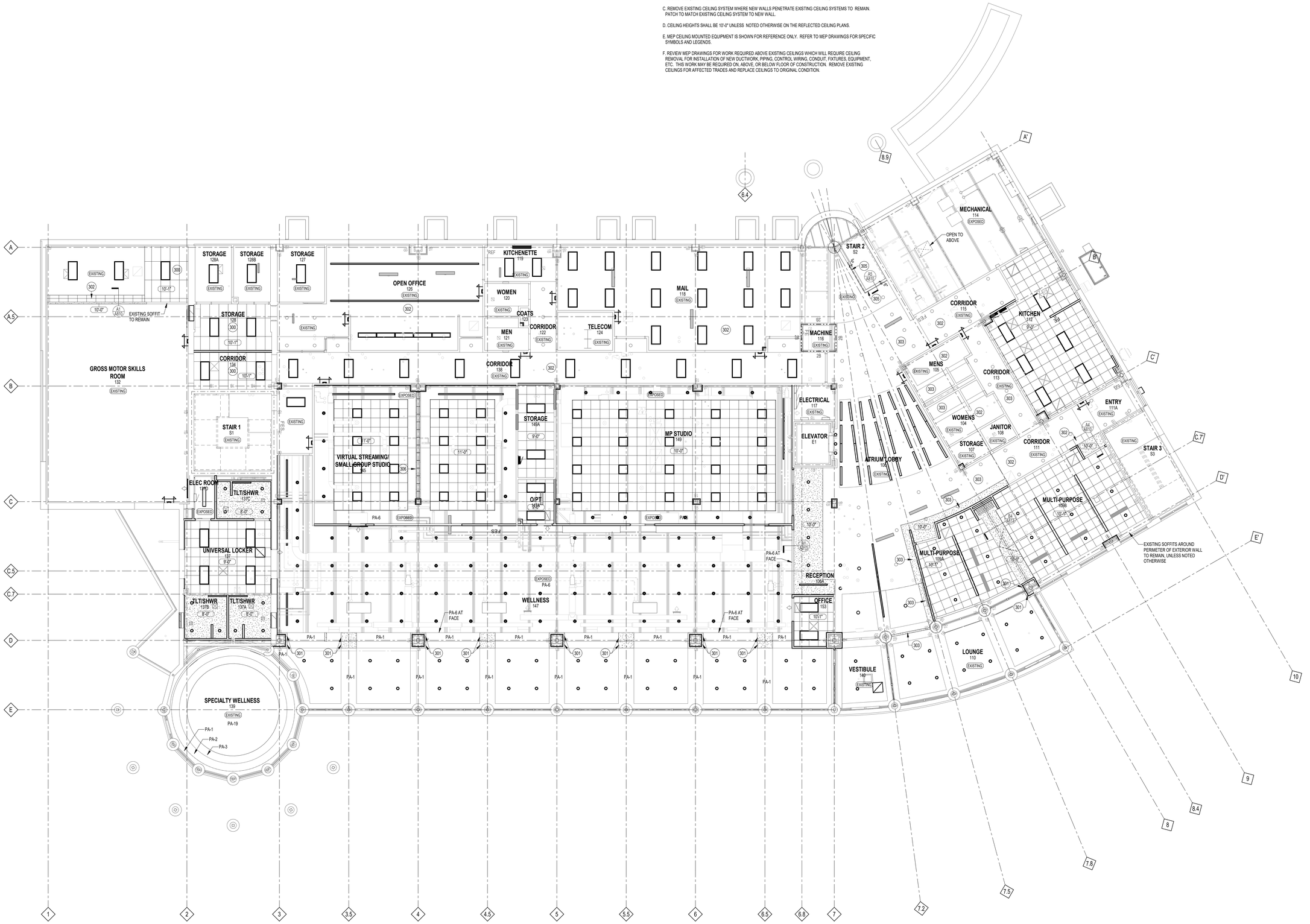
B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).

C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.

D. CEILING HEIGHTS SHALL BE 10'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.

E. MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.

F. REVIEW MEP DRAWINGS FOR WORK REQUIRED ABOVE EXISTING CEILINGS WHICH WILL REQUIRE CEILING REMOVAL FOR INSTALLATION OF NEW DUCTWORK, PIPING, CONTROL WIRING, CONDUIT, FIXTURES, EQUIPMENT, ETC. THIS WORK MAY BE REQUIRED ON, ABOVE, OR BELOW FLOOR OF CONSTRUCTION. REMOVE EXISTING CEILINGS FOR AFFECTED TRADES AND REPLACE CEILINGS TO ORIGINAL CONDITION.



NORTH

GROUND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

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2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

GROUND FLOOR REFLECTED CEILING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO. 220040-01
SHEET NO: A300

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REFLECTED CEILING PLAN SYMBOLS LEGEND

- 2'-0" x 4'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- 2'-0" x 2'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING OR BULKHEAD
- DETAIL REFERENCE (1 / A101)
- 8' - 0" CEILING HEIGHT
- REFLECTED CEILING PLAN NOTE
- ONE HOUR RATED FIRE BARRIER (1B)
- TWO HOUR RATED FIRE BARRIER (2B)

REFLECTED CEILING PLAN NOTES

MARK	DESCRIPTION
301	PATCH CEILING AS REQUIRED FROM REMOVAL OF EXISTING ELEMENTS.
304	CONTINUE SMOKE BAFFLE. VERIFY LOCATION, EXTENTS, AND HEIGHT TO MATCH EXISTING.
309	1/2" GYPSUM BOARD REVEAL. REFER TO DETAIL E/A811.

CEILING ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1C	INTERIOR SOFFIT. 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC

REFLECTED CEILING PLAN GENERAL NOTES

A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".

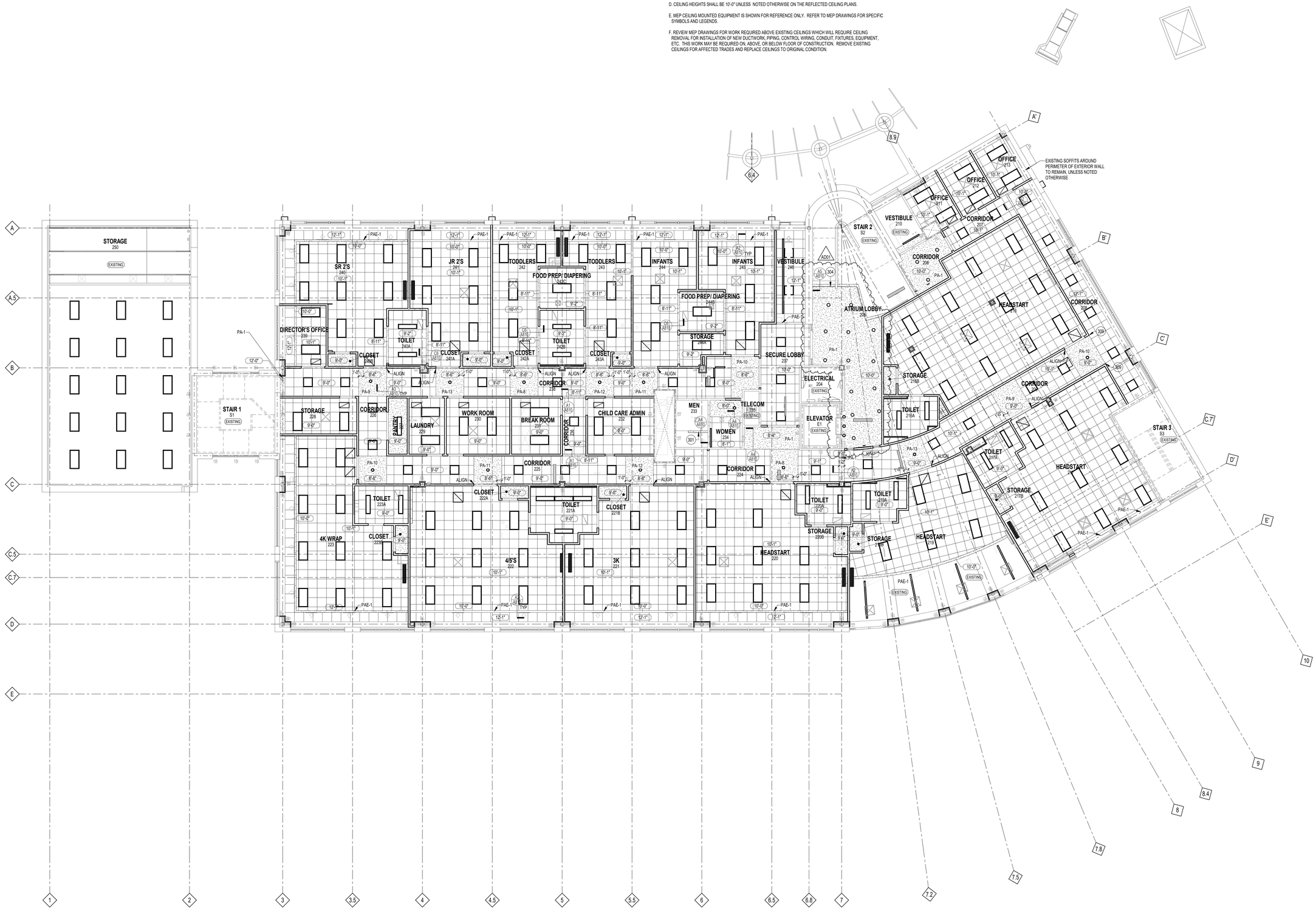
B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).

C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.

D. CEILING HEIGHTS SHALL BE 10'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.

E. MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.

F. REVIEW MEP DRAWINGS FOR WORK REQUIRED ABOVE EXISTING CEILINGS WHICH WILL REQUIRE CEILING REMOVAL FOR INSTALLATION OF NEW DUCTWORK, PIPING, CONTROL WIRING, CONDUIT, FIXTURES, EQUIPMENT, ETC. THIS WORK MAY BE REQUIRED ON, ABOVE, OR BELOW FLOOR OF CONSTRUCTION. REMOVE EXISTING CEILINGS FOR AFFECTED TRADES AND REPLACE CEILINGS TO ORIGINAL CONDITION.



NORTH

FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

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2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon view dr, buda, tx 78610 t 737 535 09

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

FIRST FLOOR REFLECTED CEILING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A301

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REFLECTED CEILING PLAN SYMBOLS LEGEND

- 2'-0" x 4'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- 2'-0" x 2'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING OR BULKHEAD
- 1 / A101 — DETAIL REFERENCE
- 8' - 0" — CEILING HEIGHT
- REFLECTED CEILING PLAN NOTE
- 1B — ONE HOUR RATED FIRE BARRIER
- 2B — TWO HOUR RATED FIRE BARRIER

REFLECTED CEILING PLAN NOTES

MARK	DESCRIPTION
301	PATCH CEILING AS REQUIRED FROM REMOVAL OF EXISTING ELEMENTS.
302	REMOVE AND REINSTALL EXISTING CEILING GRID AND TILE AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH MEP WORK. PROTECT MATERIAL FROM DAMAGE.
303	REMOVE GYPSUM BOARD CEILING AND PATCH AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH MEP WORK.

CEILING ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC.

REFLECTED CEILING PLAN GENERAL NOTES

A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".

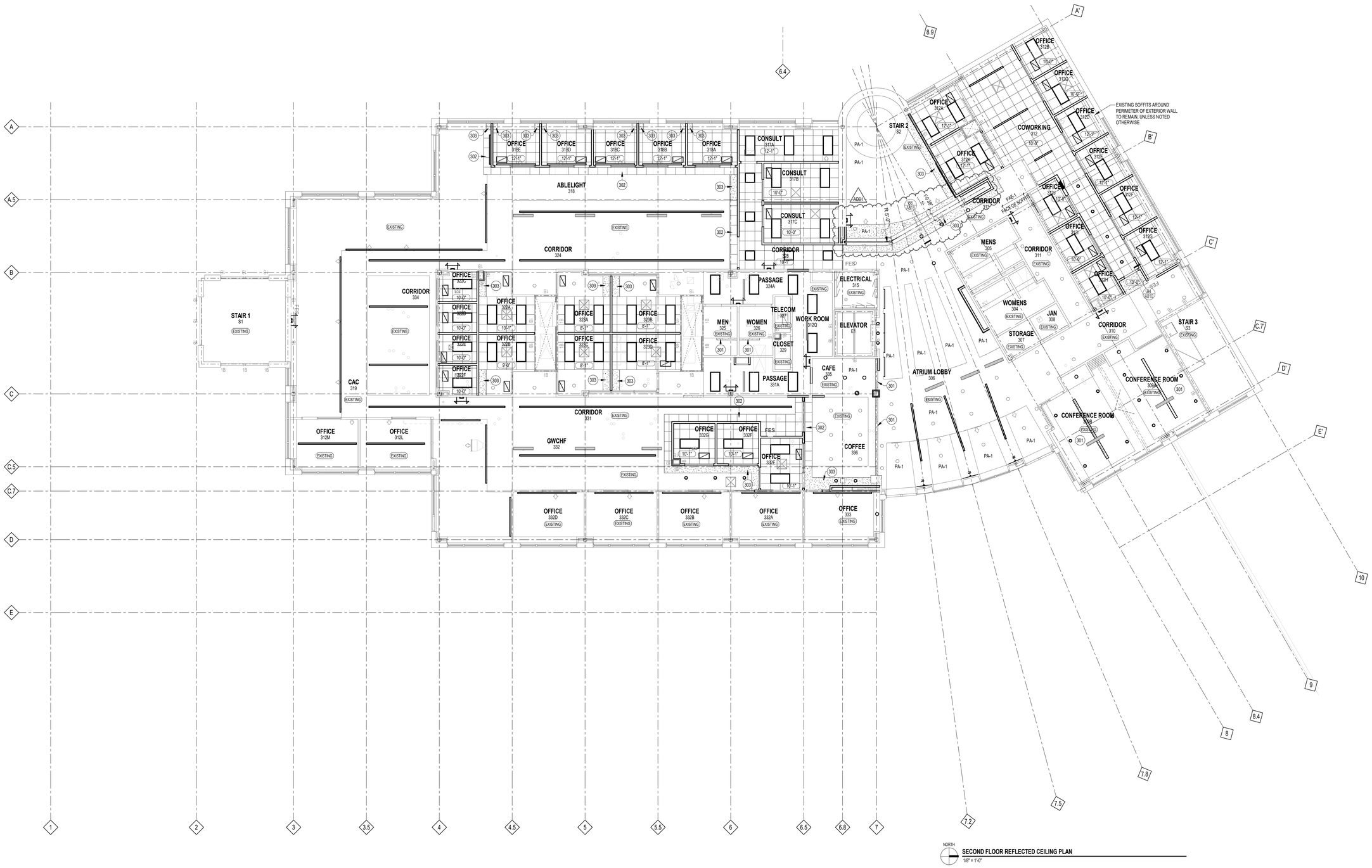
B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).

C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.

D. CEILING HEIGHTS SHALL BE 10'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.

E. MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.

F. REVIEW MEP DRAWINGS FOR WORK REQUIRED ABOVE EXISTING CEILINGS WHICH WILL REQUIRE CEILING REMOVAL FOR INSTALLATION OF NEW DUCTWORK, PIPING, CONTROL WIRING, CONDUIT, FIXTURES, EQUIPMENT, ETC. THIS WORK MAY BE REQUIRED ON, ABOVE, OR BELOW FLOOR OF CONSTRUCTION. REMOVE EXISTING CEILINGS FOR AFFECTED TRADES AND REPLACE CEILINGS TO ORIGINAL CONDITION.



NORTH

SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

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209 south water street, milwaukee, wisconsin 53204 t 414 319 9100
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon rivers dr., buda, tx 78610 t 737 525 09

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

SECOND FLOOR REFLECTED CEILING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A302

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EXTERIOR ELEVATIONS SYMBOLS LEGEND

A101 — SECTION REFERENCE

1 / A101 — DETAIL REFERENCE

AL01 — WINDOW TYPE

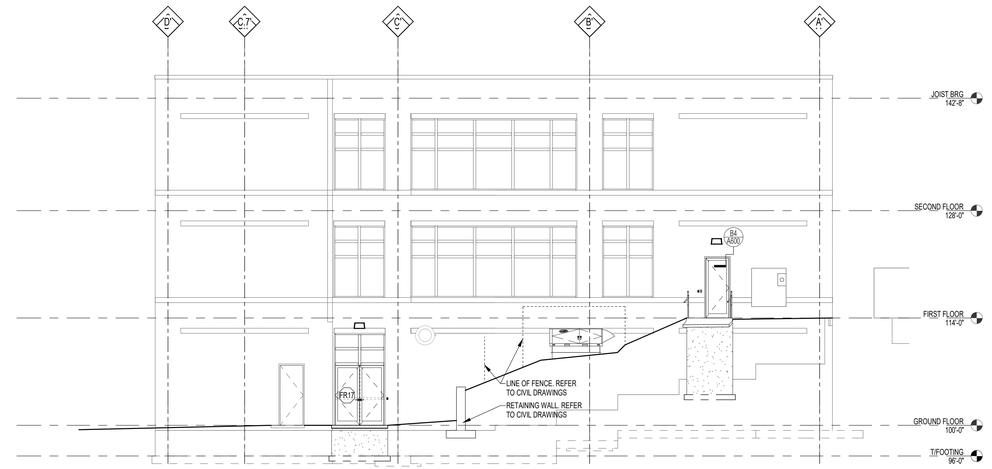
EXTERIOR ELEVATIONS GENERAL NOTES

A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR

B. REFER TO SHEET A891 FOR WINDOW FRAME ELEVATIONS

C. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

B2 **WEST ELEVATION**
1/8" = 1'-0"



D4 **NORTH ELEVATION**
1/8" = 1'-0"

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209 south water street, milwaukee, wisconsin 53204 t 414.319.8700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.9900
1970 main street, suite 309, sarasota, florida 34236 t 941.444.8800
311 canyon wren dr, buda, tx 78610 t 737.525.0900

pra PLUNKETT RAYSICH ARCHITECTS, LLP

GWCHF
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

EXTERIOR ELEVATIONS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A400

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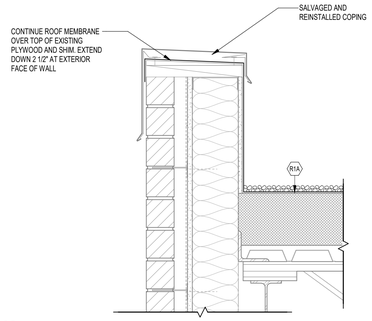
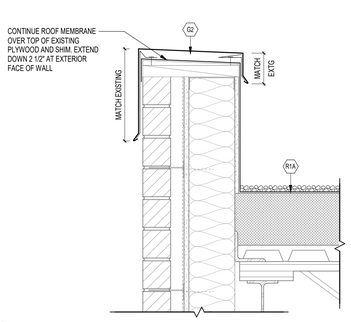
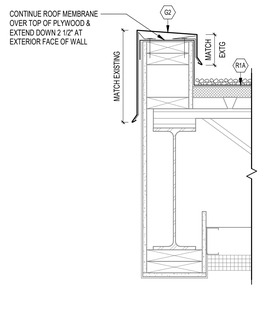


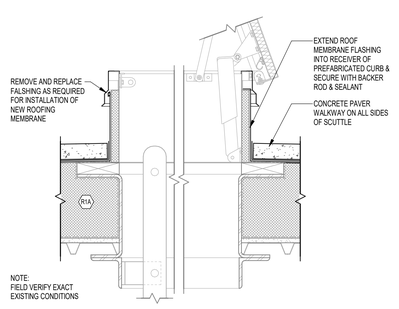
A1 **ROOF PARAPET W/ REUSED COPING**
1 1/2" = 1'-0"



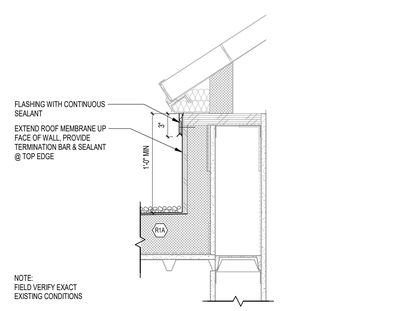
A2 **ROOF PARAPET W/ NEW COPING**
1 1/2" = 1'-0"



A3 **ROOF EDGE W/ NEW CAP**
1 1/2" = 1'-0"



A4 **(R1A) ROOF HATCH & LADDER**
1 1/2" = 1'-0"



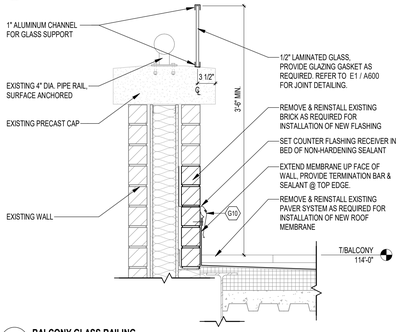
A5 **(R1A) SKYLIGHT CURB WALL**
1 1/2" = 1'-0"

CONSTRUCTION ASSEMBLIES

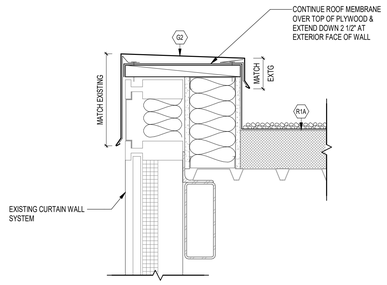
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE:
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC
R1A	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON EXISTING INSULATION.
R1B	SINGLE PLY ROOFING SYSTEM: COMPOSITE DECKING ON EPDM MEMBRANE ON EXISTING INSULATION.
S3	CAST-IN-PLACE REINFORCED CONCRETE ON METAL DECK.

CONSTRUCTION TYPES

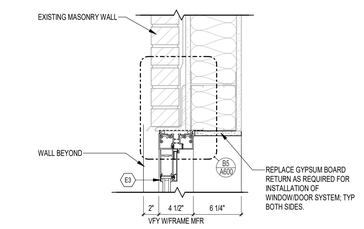
MARK	DESCRIPTION
E3	ALUMINUM ENTRANCE SYSTEM WITH TEMPERED INSULATING GLASS.
G2	METAL COPING SYSTEM: METAL COPING ON WOOD BLOCKING. REPLACE BLOCKING AS REQUIRED.
G10	METAL COUNTERFLASHING: TWO PIECE "SNAP-IN" METAL COUNTERFLASHING WITH RECEIVER BUILT INTO MASONRY MORTAR JOINT.



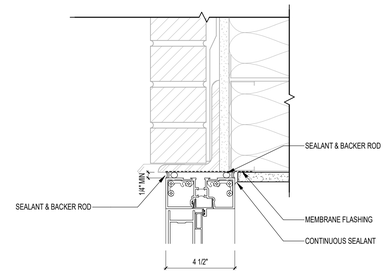
B1 **BALCONY GLASS RAILING**
1" = 1'-0"



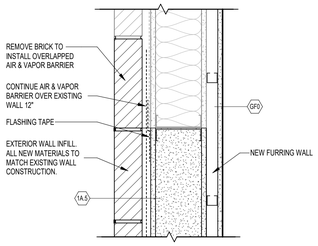
B3 **ROOF EDGE AT STAIR 1**
1 1/2" = 1'-0"



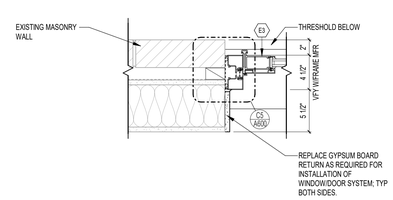
B4 **STOREFRONT DOOR HEAD @ EXISTING BRICK WALL**
1 1/2" = 1'-0"



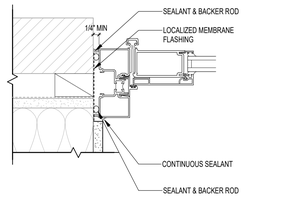
B5 **ENLARGED STOREFRONT DOOR HEAD @ EXISTING BRICK**
3" = 1'-0"



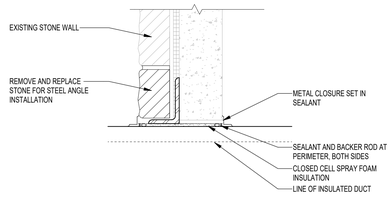
C1 **EXTERIOR WALL INFILL**
1 1/2" = 1'-0"



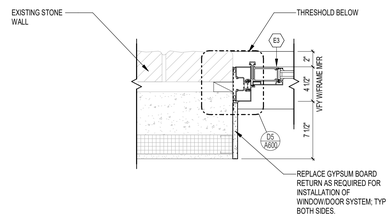
C4 **STOREFRONT DOOR JAMB @ EXISTING BRICK WALL**
1 1/2" = 1'-0"



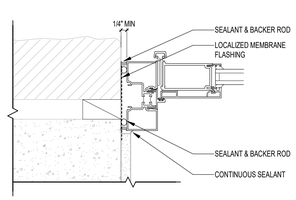
C5 **ENLARGED STOREFRONT DOOR JAMB @ EXISTING BRICK WALL**
3" = 1'-0"



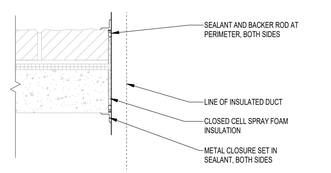
C6 **DUCT PENETRATION HEAD**
1 1/2" = 1'-0"



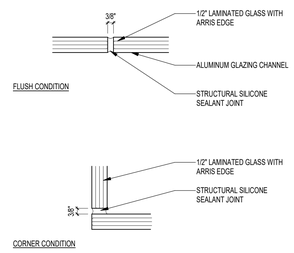
D4 **STOREFRONT DOOR JAMB @ EXISTING STONE WALL**
1 1/2" = 1'-0"



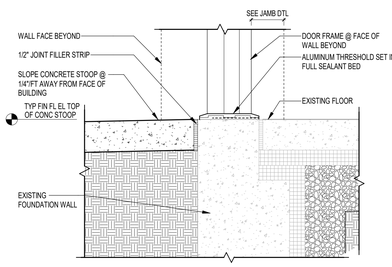
D5 **ENLARGED STOREFRONT DOOR JAMB @ EXISTING STONE WALL**
3" = 1'-0"



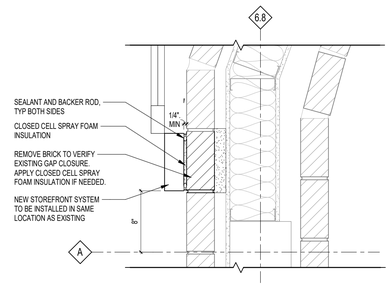
D6 **DUCT PENETRATION JAMB**
1 1/2" = 1'-0"



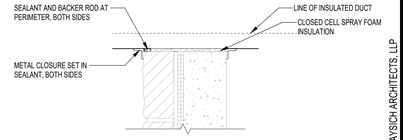
E1 **TYPICAL BUTT GLAZED JOINTS**
3" = 1'-0"



E4 **DOOR THRESHOLD/CONC STOOP**
1 1/2" = 1'-0"



E5 **DOOR AT EXISTING CURVED CMU WALL**
1 1/2" = 1'-0"



E6 **DUCT PENETRATION SILL**
1 1/2" = 1'-0"

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 06

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WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

EXTERIOR DETAILS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A600

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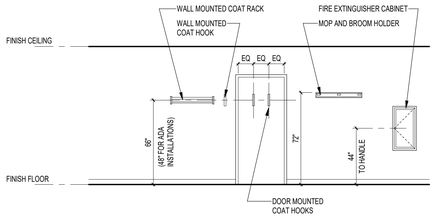
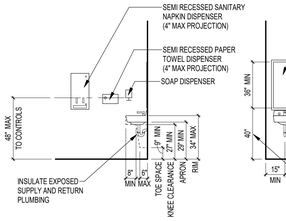
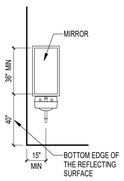
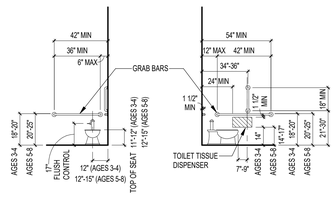


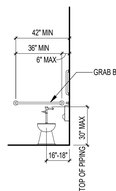
FOR REFERENCE ONLY - THIS DOES NOT INDICATE EQUIPMENT OR FIXTURES TO BE PROVIDED

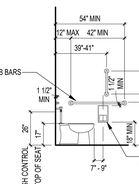


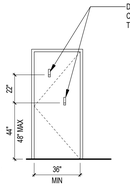


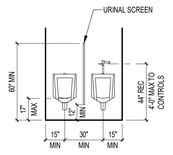


CHILD HEIGHTS

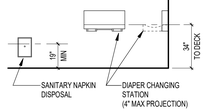








URINAL MOUNTING HEIGHTS



MISC. ACCESSORIES MOUNTING HEIGHTS

INTERIOR ELEVATION SYMBOLS LEGEND

1 / A101 — INTERIOR DETAIL REFERENCE

X — INTERIOR ELEVATION NOTE

INTERIOR ELEVATION GENERAL NOTES

A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.

CASEWORK GENERAL NOTES

A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.

B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.

C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.

D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.

E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.

F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.

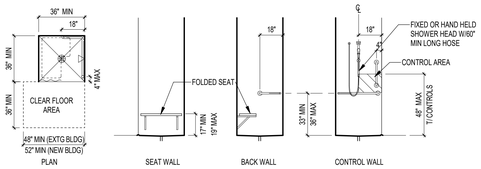
G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.

H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.

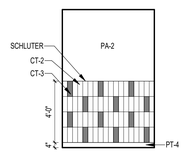
INTERIOR ELEVATION NOTES

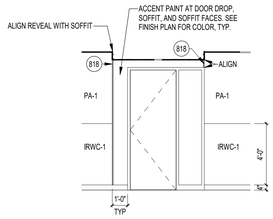
MARK	DESCRIPTION
801	GRAB BARS
802	FRAMELESS MIRROR, SEE ELEVATIONS FOR SIZE.
803	SANITARY NAPKIN DISPOSAL; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
804	SOAP DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
805	TOILET TISSUE DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
807	SHOWER CURTAIN ROD AND LINER
808	SHOWER SEAT
810	REFRIGERATOR; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
818	1/2" GYPSUM BOARD REVEAL TO BE PAINTED ACCENT COLOR. REFER TO DETAIL E2/A811.
824	ADULT CHANGING TABLE. BY OWNER.
825	ROBE HOOK. REFER TO A800 FOR TYPICAL MOUNTING HEIGHTS.
826	ROBE HOOK.

BARRIER-FREE - MOUNTING HEIGHTS (PUBLIC SPACES)

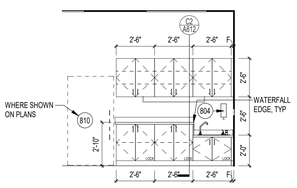


BARRIER-FREE - MOUNTING HEIGHTS (TLT)

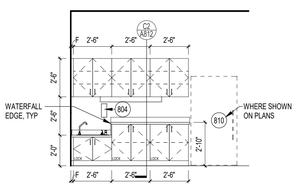




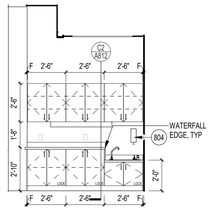
BARRIER-FREE - MOUNTING HEIGHTS (SHOWER)



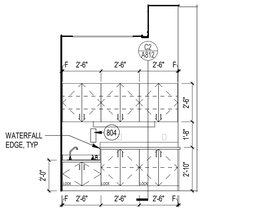
C1 **TYPICAL CLASSROOM CASEWORK**
1/4" = 1'-0"



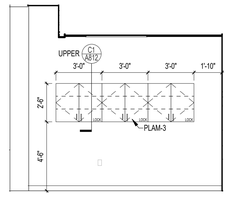
C2 **TYPICAL CLASSROOM CASEWORK**
1/4" = 1'-0"



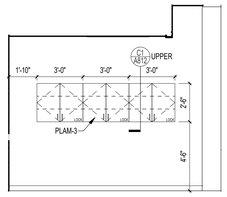
C3 **TODDLERS - 242 (NORTH)**
1/4" = 1'-0"



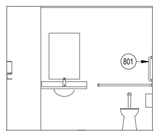
C4 **TODDLERS - 243 (SOUTH)**
1/4" = 1'-0"



C5 **INFANTS - 244 (NORTH)**
1/4" = 1'-0"

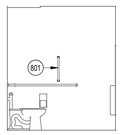


C6 **INFANTS - 245 (SOUTH)**
1/4" = 1'-0"



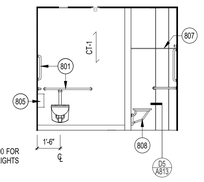
REFER TO A800 FOR MOUNTING HEIGHTS

D1 **WOMEN - 120 (EAST)**
1/4" = 1'-0"



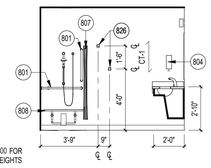
REFER TO A800 FOR MOUNTING HEIGHTS

D2 **WOMEN - 120 (SOUTH)**
1/4" = 1'-0"



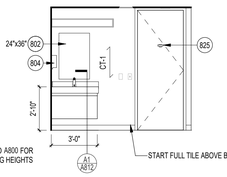
REFER TO A800 FOR MOUNTING HEIGHTS

D3 **TLT/SHWR - 137A (EAST)**
1/4" = 1'-0"



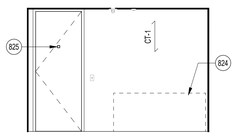
REFER TO A800 FOR MOUNTING HEIGHTS

D4 **TLT/SHWR - 137A (SOUTH)**
1/4" = 1'-0"

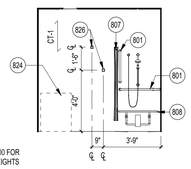


REFER TO A800 FOR MOUNTING HEIGHTS

D5 **TLT/SHWR - 137A (WEST)**
1/4" = 1'-0"

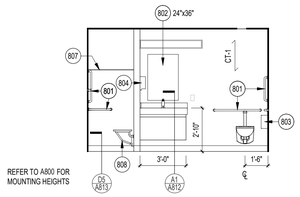


E1 **TLT/SHWR - 137C (EAST)**
1/4" = 1'-0"



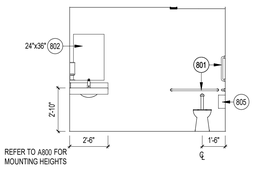
REFER TO A800 FOR MOUNTING HEIGHTS

E2 **TLT/SHWR - 137C (SOUTH)**
1/4" = 1'-0"



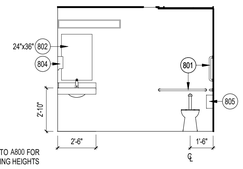
REFER TO A800 FOR MOUNTING HEIGHTS

E3 **TLT/SHWR - 137C (WEST)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

E4 **MEN - 233 (NORTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

E5 **WOMEN - 234 (SOUTH)**
1/4" = 1'-0"

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PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 8778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
19701 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

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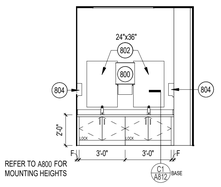
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

INTERIOR ELEVATIONS

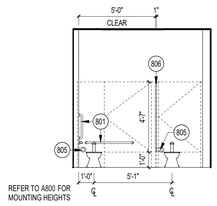
CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A800



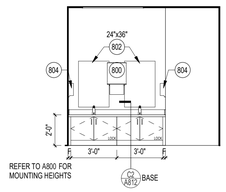
REFER TO A800 FOR MOUNTING HEIGHTS

A1 **TOILET - 216A (NORTH)**
1/4" = 1'-0"



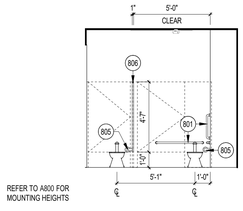
REFER TO A800 FOR MOUNTING HEIGHTS

A2 **TOILET - 216A (SOUTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

A3 **TOILET - 217A (NORTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

A4 **TOILET - 217A (SOUTH)**
1/4" = 1'-0"

INTERIOR ELEVATION SYMBOLS LEGEND

A101 — INTERIOR DETAIL REFERENCE

X — INTERIOR ELEVATION NOTE

INTERIOR ELEVATION GENERAL NOTES

A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.

CASEWORK GENERAL NOTES

A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.

B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.

C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.

D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.

E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.

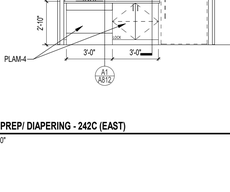
F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.

G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.

H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.

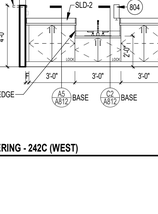
INTERIOR ELEVATION NOTES

MARK	DESCRIPTION
800	PAPER TOWEL DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
801	GRAB BARS
802	FRAMELESS MIRROR, SEE ELEVATIONS FOR SIZE.
804	SOAP DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
805	TOILET TISSUE DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
806	TOILET PARTITION
810	REFRIGERATOR; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.



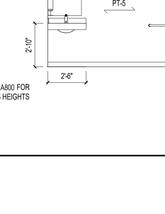
REFER TO A800 FOR MOUNTING HEIGHTS

B1 **TOILET - 219A (NORTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

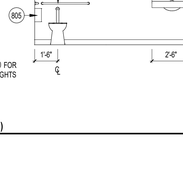
B2 **TOILET - 219A (SOUTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

REFER TO B3 / A800 AND FLOOR PATTERN PLANS FOR WALL TILE PATTERN

B3 **TOILET - 220A (NORTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

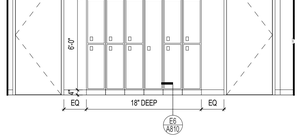
B4 **TOILET - 220A (SOUTH)**
1/4" = 1'-0"

REFER TO A800 FOR MOUNTING HEIGHTS

B5 **TOILET - 221A (EAST)**
1/4" = 1'-0"

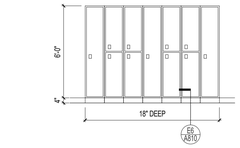
REFER TO A800 FOR MOUNTING HEIGHTS

B6 **TOILET - 221A (WEST)**
1/4" = 1'-0"



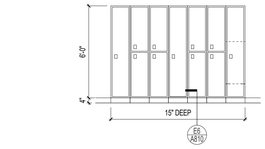
REFER TO A800 FOR MOUNTING HEIGHTS

C1 **TOILET - 223A (NORTH)**
1/4" = 1'-0"



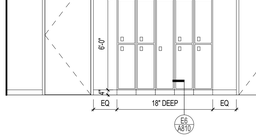
REFER TO A800 FOR MOUNTING HEIGHTS

C2 **TOILET - 223A (SOUTH)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

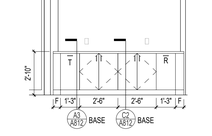
C3 **TOILET - 240A (EAST)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

REFER TO B3 / A800 AND FLOOR PATTERN PLANS FOR WALL TILE PATTERN

C4 **TOILET - 240A (WEST)**
1/4" = 1'-0"



REFER TO A800 FOR MOUNTING HEIGHTS

C5 **TOILET - 242B (EAST)**
1/4" = 1'-0"

REFER TO A800 FOR MOUNTING HEIGHTS

C6 **TOILET - 242B (WEST)**
1/4" = 1'-0"

D1 **FOOD PREP/ DIAPERING - 242C (EAST)**
1/4" = 1'-0"

D2 **FOOD PREP/ DIAPERING - 242C (WEST)**
1/4" = 1'-0"

REFER TO A800 FOR MOUNTING HEIGHTS

D3 **MEN - 325 (NORTH)**
1/4" = 1'-0"

REFER TO A800 FOR MOUNTING HEIGHTS

D4 **WOMEN - 325 (SOUTH)**
1/4" = 1'-0"

E1 **UNIVERSAL LOCKER - 137 (EAST)**
1/4" = 1'-0"

E2 **LOCKER ISLAND @ UNIVERSAL LOCKER - 137 (WEST)**
1/4" = 1'-0"

E3 **LOCKER ISLAND @ UNIVERSAL LOCKER - 137 (EAST)**
1/4" = 1'-0"

E4 **UNIVERSAL LOCKER - 137 (WEST)**
1/4" = 1'-0"

E5 **MULTI-PURPOSE - 109A (WEST)**
1/4" = 1'-0"

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 319 3700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
19570 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

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WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

INTERIOR ELEVATIONS

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: A801

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INTERIOR ELEVATION SYMBOLS LEGEND

A101 — INTERIOR DETAIL REFERENCE

X — INTERIOR ELEVATION NOTE

INTERIOR ELEVATION GENERAL NOTES

A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.

CASEWORK GENERAL NOTES

A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.

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C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.

D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.

E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.

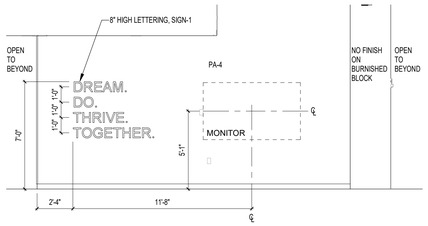
F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.

G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.

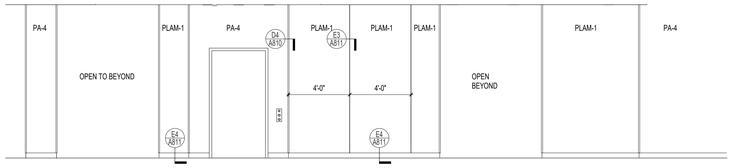
H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.

INTERIOR ELEVATION NOTES

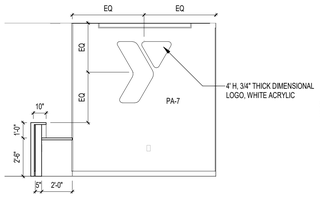
MARK	DESCRIPTION
802	FRAMELESS MIRROR. SEE ELEVATIONS FOR SIZE.
818	1/2" GYPSUM BOARD REVEAL TO BE PAINTED ACCENT COLOR. REFER TO DETAIL E2/A811.



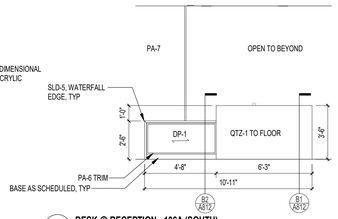
A1 ATRIUM LOBBY - 106 (NORTH)
1/4" = 1'-0"



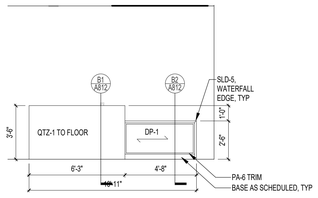
A2 ATRIUM LOBBY - 106 (SOUTH)
1/4" = 1'-0"



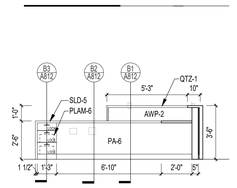
B1 RECEPTION - 106A (EAST)
1/4" = 1'-0"



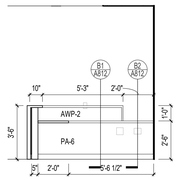
B2 DESK @ RECEPTION - 106A (SOUTH)
1/4" = 1'-0"



B3 DESK @ RECEPTION - 106A (EAST)
1/4" = 1'-0"



B4 DESK @ RECEPTION - 106A (WEST)
1/4" = 1'-0"



B5 DESK @ RECEPTION - 106A (NORTH)
1/4" = 1'-0"

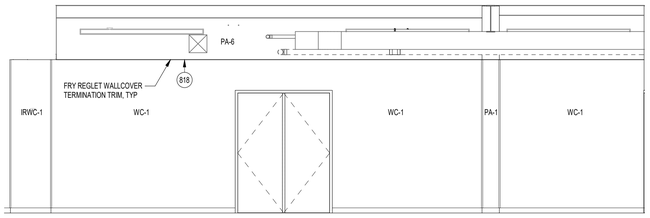
LOCKER PATTERN LEGEND

AD01

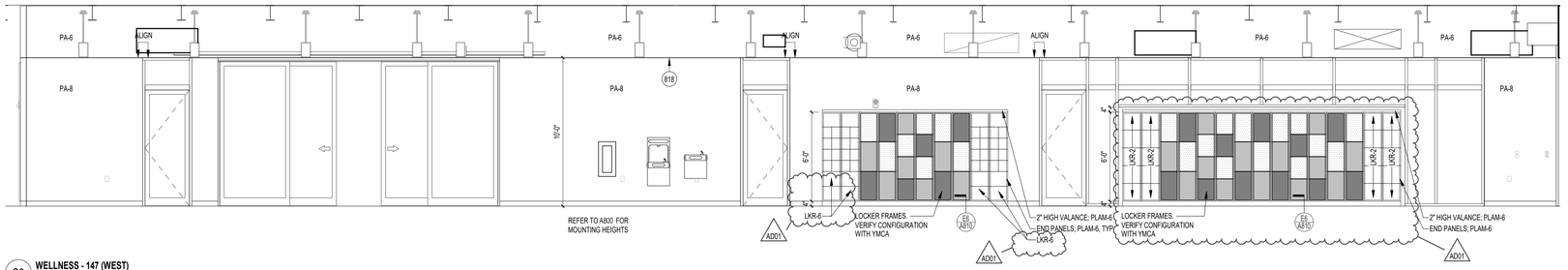
= LKR-3

= LKR-4

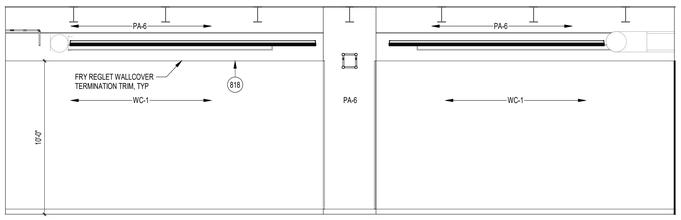
= LKR-5



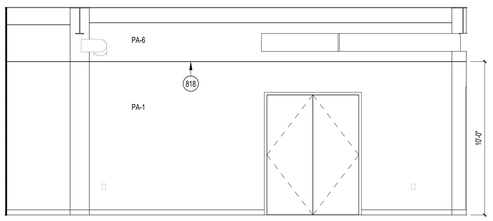
C1 WELLNESS - 147 (SOUTH)
1/4" = 1'-0"



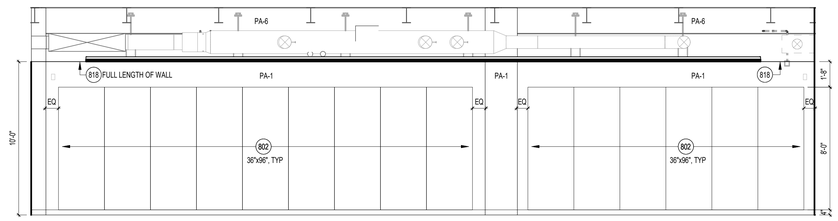
C3 WELLNESS - 147 (WEST)
1/4" = 1'-0"



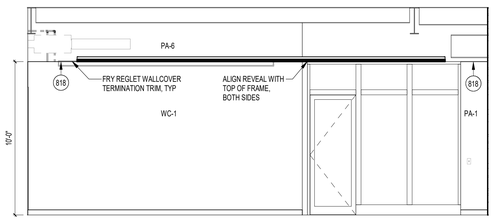
D1 VIRTUAL STREAMING/ SMALL GROUP STUDIO - 145 (WEST)
1/4" = 1'-0"



E1 MP STUDIO - 149 (SOUTH)
1/4" = 1'-0"



E3 MP STUDIO - 149 (WEST)
1/4" = 1'-0"



E5 MP STUDIO - 149 (NORTH)
1/4" = 1'-0"

pra PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 8778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
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INTERIOR ELEVATIONS

CONSTRUCTION SET

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SHEET NO: A802

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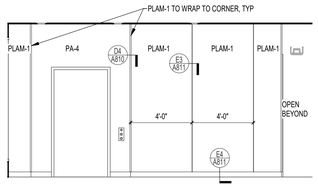
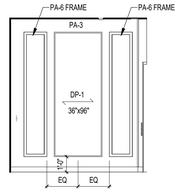
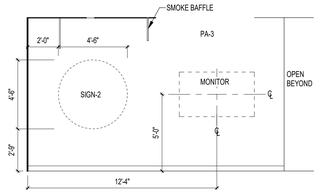


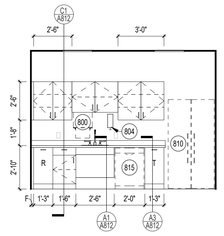
A1 **ATRIUM LOBBY - 205 (SOUTH)**
1/4" = 1'-0"



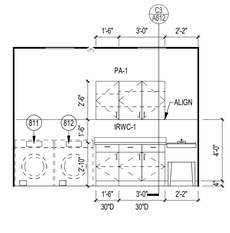
A2 **LOUNGE 205A (EAST)**
1/4" = 1'-0"



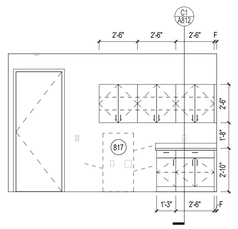
A3 **CORRIDOR - 206 (EAST)**
1/4" = 1'-0"



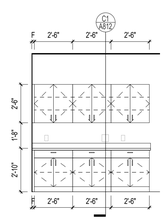
A4 **BREAK ROOM - 231 (SOUTH)**
1/4" = 1'-0"



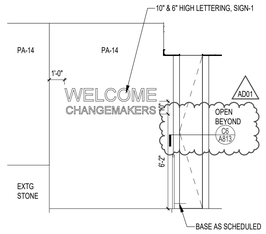
A5 **LAUNDRY - 229 (SOUTH)**
1/4" = 1'-0"



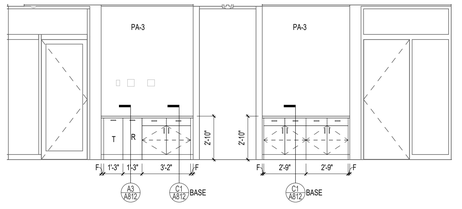
B1 **WORK ROOM - 230 (EAST)**
1/4" = 1'-0"



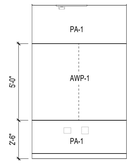
B2 **WORK ROOM - 230 (WEST)**
1/4" = 1'-0"



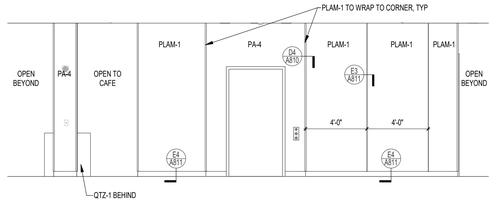
B3 **STAIR 2 - S2 (NORTH)**
1/4" = 1'-0"



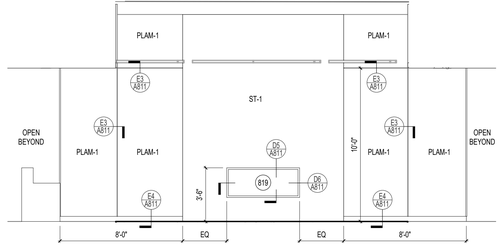
B4 **CONFERENCE ROOM - 309A/309B (WEST)**
1/4" = 1'-0"



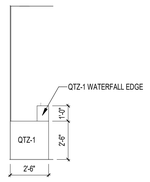
B5 **OFFICE AWP TYPICAL**
1/4" = 1'-0"



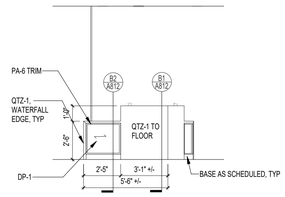
C1 **ATRIUM LOBBY - 306 (SOUTH)**
1/4" = 1'-0"



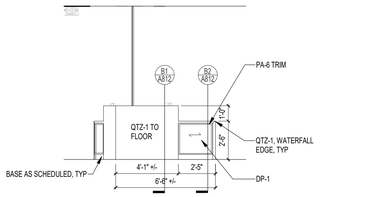
C3 **ATRIUM LOBBY - 306 (NORTH)**
1/4" = 1'-0"



C4 **INFO DESK AT ATRIUM LOBBY - 306 (SOUTH)**
1/4" = 1'-0"



C5 **INFO DESK AT ATRIUM LOBBY - 306 (WEST)**
1/4" = 1'-0"



C6 **INFO DESK AT ATRIUM LOBBY - 306 (NORTHEAST)**
1/4" = 1'-0"

D1 **INFO DESK AT ATRIUM LOBBY - 306 (SOUTHWEST)**
1/4" = 1'-0"

D2 **INFO DESK AT ATRIUM LOBBY - 306 (EAST)**
1/4" = 1'-0"

D3 **WORK ROOM - 312Q (NORTH)**
1/4" = 1'-0"

D4 **CORRIDOR - 313 (EAST)**
1/4" = 1'-0"

D5 **PASSAGE - 331A (WEST)**
1/4" = 1'-0"

E1 **CAFE - 335 (SOUTH)**
1/4" = 1'-0"

E2 **CAFE - 335 (WEST)**
1/4" = 1'-0"

E3 **ISLAND @ CAFE - 335 (WEST)**
1/4" = 1'-0"

E4 **ISLAND @ CAFE - 335 (SOUTH)**
1/4" = 1'-0"

E5 **COFFEE - 336 (EAST)**
1/4" = 1'-0"

E6 **TYPICAL WOOD PANEL WALL**
1/4" = 1'-0"

INTERIOR ELEVATION SYMBOLS LEGEND

A101 — INTERIOR DETAIL REFERENCE

X — INTERIOR ELEVATION NOTE

INTERIOR ELEVATION GENERAL NOTES

A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.

CASEWORK GENERAL NOTES

A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.

B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.

C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.

D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.

E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.

F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.

G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.

H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.

INTERIOR ELEVATION NOTES

MARK	DESCRIPTION
800	PAPER TOWEL DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
804	SOAP DISPENSER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED.
810	REFRIGERATOR; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
811	WASHER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
812	DRYER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
813	ICE MAKER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
814	MICROWAVE; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
815	DISHWASHER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
817	COPIER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
819	ELECTRIC FIREPLACE
821	UNDER COUNTER REFRIGERATOR/BEVERAGE COOLER; CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
822	COUNTERTOP BEVERAGE MACHINE. BY OWNER.
823	COUNTERTOP COFFEE MACHINE. BY OWNER.

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon wren dr, buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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INTERIOR ELEVATIONS

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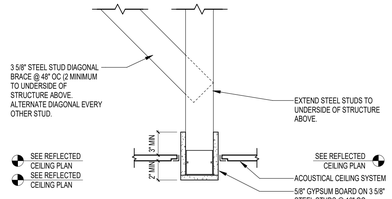
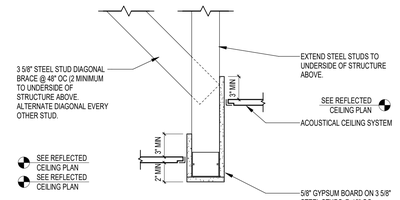
311 canyon wren dr, buda, tx 78610 t 737 525 0900

CONSTRUCTION ASSEMBLIES

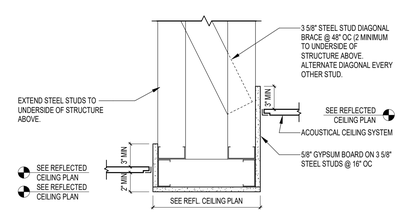
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC
R1A	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON EXISTING INSULATION.
R1B	SINGLE PLY ROOFING SYSTEM: COMPOSITE DECKING ON EPDM MEMBRANE ON EXISTING INSULATION.
S3	CAST-IN-PLACE REINFORCED CONCRETE ON METAL DECK.



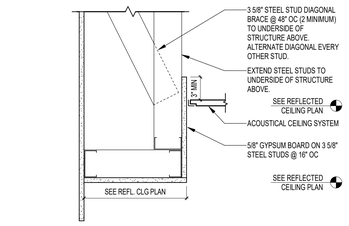
A1 **NARROW BULKHEAD (EVEN CLG)**
1 1/2" = 1'-0"



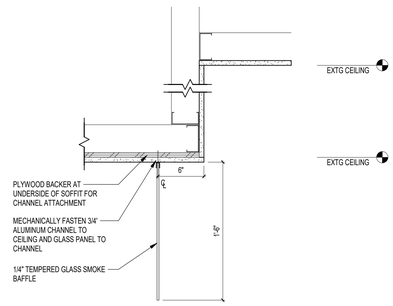
A2 **NARROW BULKHEAD (UNEVEN CLG)**
1 1/2" = 1'-0"



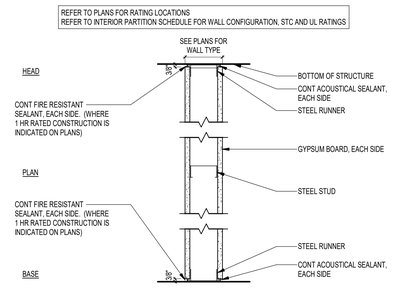
A3 **WIDE BULKHEAD**
1 1/2" = 1'-0"



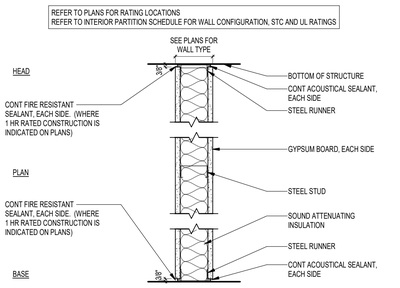
A4 **SOFFIT AT WALL**
1 1/2" = 1'-0"



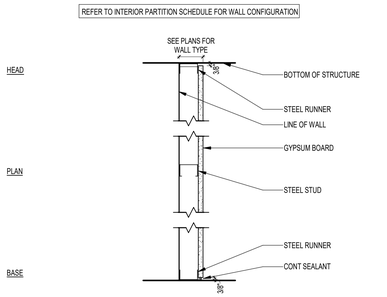
A5 **SMOKE BAFFLE**
1 1/2" = 1'-0"



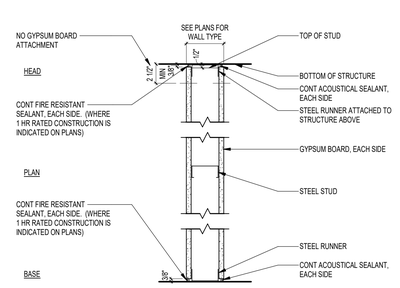
B1 **(A SERIES) INTERIOR PARTITION**
1 1/2" = 1'-0"



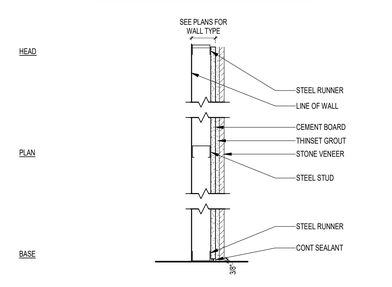
B2 **(B SERIES) INTERIOR PARTITION**
1 1/2" = 1'-0"



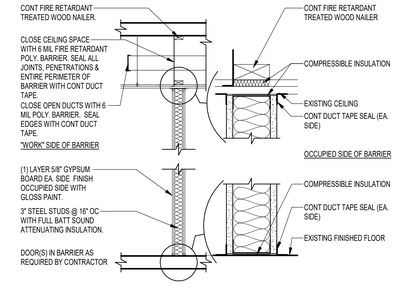
B3 **(G SERIES) INTERIOR FURRING**
1 1/2" = 1'-0"



B4 **PARTITION SLIP JOINT**
1 1/2" = 1'-0"



B5 **(Z SERIES) INTERIOR FURRING**
1 1/2" = 1'-0"



B6 **TYPICAL DUST-PROOF BARRIER**
1/2" = 1'-0"

C1 **CEILING EDGE TRIM**
3" = 1'-0"

C3 **NEW SILL @ EXISTING STOREFRONT**
1 1/2" = 1'-0"

C4 **PARTITION CLOSURE @ MULLION**
1 1/2" = 1'-0"

C5 **TRANSACTION TOP @ DIAPER CHANGING**
3" = 1'-0"

C6 **BULKHEAD CAP**
3" = 1'-0"

D1 **TYPICAL DETAIL AT FURRED COLUMN W/ PIPING**
1" = 1'-0"

D2 **TYPICAL DETAIL AT FURRED COLUMN**
1" = 1'-0"

D3 **STONE VENEER @ INSIDE CORNER**
1 1/2" = 1'-0"

D4 **PLAM RETURN**
6" = 1'-0"

D6 **WALL CAP**
3" = 1'-0"

E1 **FURRED COLUMN AT SPECIALTY WELLNESS 139**
3/4" = 1'-0"

E2 **FURRED COLUMN AT MULTI-PURPOSE 109A & 109B**
3/4" = 1'-0"

E3 **EXISTING CMU COLUMN ENCLOSURE W/ STOREFRONT REMOVAL**
1" = 1'-0"

E4 **EXISTING CMU COLUMN ENCLOSURE W/ NEW STOREFRONT**
1" = 1'-0"

E6 **WOOD FRAME LOCKER BASE**
1 1/2" = 1'-0"

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SHEET NO: A810

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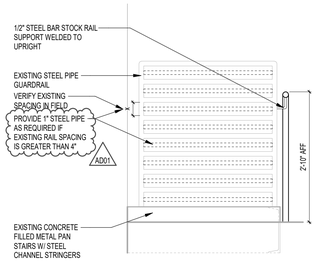
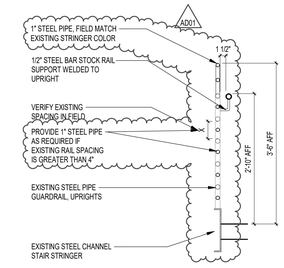
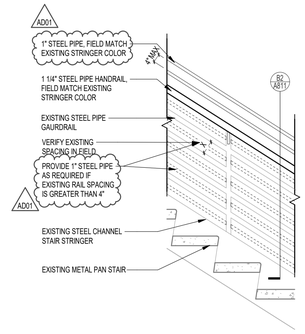


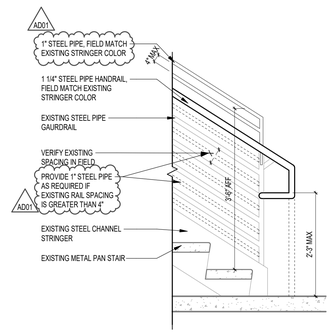
A1 **END RAIL @ TOP LANDING - STAIR 3**
3/4" = 1'-0"



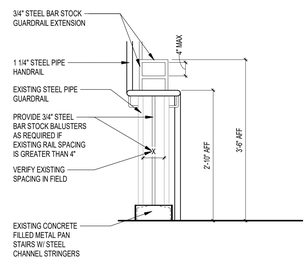
A2 **GUARDRAIL/HANDRAIL SECTION @ STAIR 3**
3/4" = 1'-0"



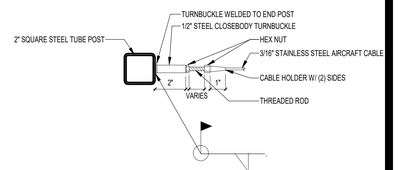
A3 **TYPICAL RAILING ELEVATION - STAIR 3**
3/4" = 1'-0"



A4 **STAIR BOTTOM LANDING - STAIR 3**
3/4" = 1'-0"



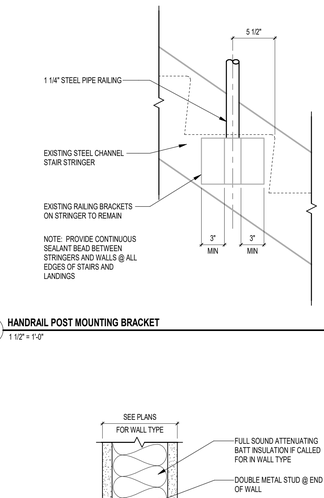
A5 **END RAIL @ INTERMEDIATE LANDING - STAIR 3**
3/4" = 1'-0"



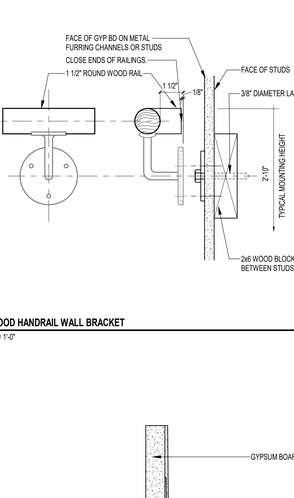
RAILING END/CORNER POST

RAILING MID POST

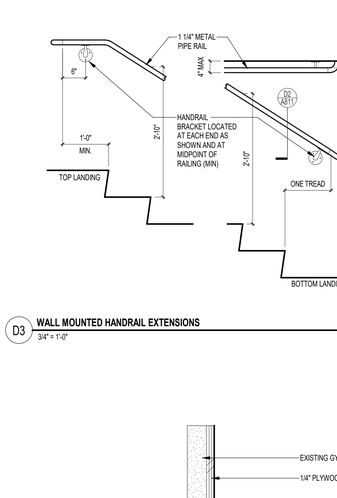
A6 **CABLE RAILING TURNBUCKLE**
3" = 1'-0"



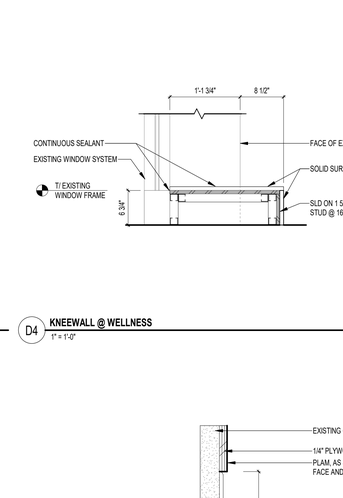
B1 **END RAIL @ TOP LANDING - STAIR 1**
3/4" = 1'-0"



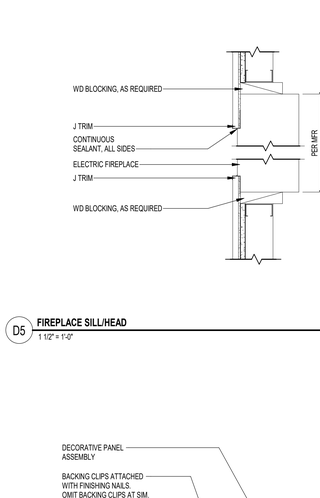
B2 **GUARDRAIL/HANDRAIL SECTION @ STAIR 1**
3/4" = 1'-0"



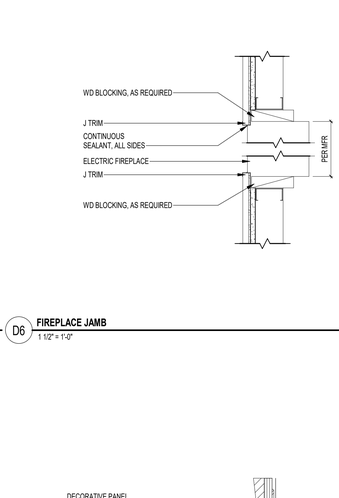
B3 **TYPICAL RAILING ELEVATION - STAIR 1**
3/4" = 1'-0"



B4 **STAIR BOTTOM LANDING STAIR 1**
3/4" = 1'-0"



B5 **HANDRAIL POST MOUNTING BRACKET @ STAIR 2**
1 1/2" = 1'-0"



B6 **CABLE RAIL @ WALL**
3/4" = 1'-0"

C1 **CABLE RAIL BOTTOM LANDING**
3/4" = 1'-0"

C2 **CABLE RAIL MID LANDING**
3/4" = 1'-0"

C3 **CABLE RAIL TOP LANDING**
3/4" = 1'-0"

C4 **RAILING @ ANGLE**
1 1/2" = 1'-0"

C5 **GUARDRAIL/HANDRAIL SECTION @ STAIR 2 RADIUS CORNER**
3/4" = 1'-0"

C6 **GUARDRAIL/HANDRAIL SECTION @ STAIR 2**
3/4" = 1'-0"

D1 **HANDRAIL POST MOUNTING BRACKET**
1 1/2" = 1'-0"

D2 **WOOD HANDRAIL WALL BRACKET**
3" = 1'-0"

D3 **WALL MOUNTED HANDRAIL EXTENSIONS**
3/4" = 1'-0"

D4 **KNEEWALL @ WELLNESS**
1" = 1'-0"

D5 **FIREPLACE SILL/HEAD**
1 1/2" = 1'-0"

D6 **FIREPLACE JAMB**
1 1/2" = 1'-0"

E1 **STAINLESS STEEL CORNER GUARD @ ENDWALL**
3" = 1'-0"

E2 **GYPSUM BOARD REVEAL**
6" = 1'-0"

E3 **PLAM REVEAL**
6" = 1'-0"

E4 **PLAM PANEL @ WALL BASE**
6" = 1'-0"

E5 **DECORATIVE WOOD PANEL FRAME**
6" = 1'-0"

E6 **DECORATIVE WOOD PANEL MOUNTING**
6" = 1'-0"

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon wren dr, buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

INTERIOR DETAILS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A811
46

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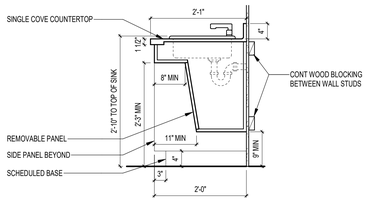
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon west dr, buda, tx 78610 t 737 525 0900

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

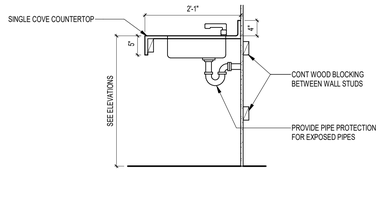
SEE ELEVATIONS FOR SIDE AND BACK SPLASH LOCATIONS



A1 ADA COMPLIANT VANITY (ENCLOSED)
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

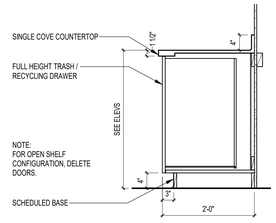
SEE ELEVATIONS FOR SIDE AND BACK SPLASH LOCATIONS



A2 VANITY BASE (OPEN)
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

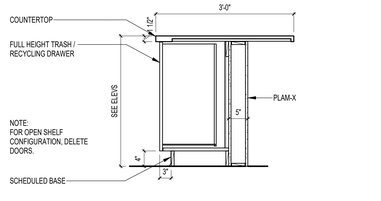
SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS



A3 BASE CABINET TRASH/RECYCLING (2436)
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

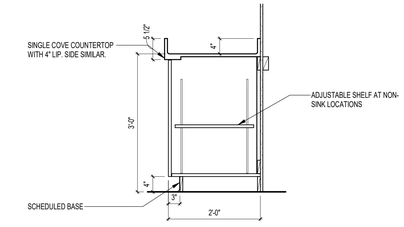
SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS



A4 BASE CABINET TRASH/RECYCLING_CAFE ISLAND
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

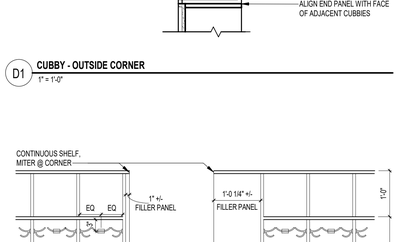
SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS



A5 BASE & UPPER CABINET_DIAPER CHANGING
3/4" = 1'-0"

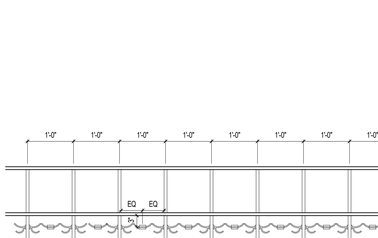
CONSTRUCTION ASSEMBLIES	
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE:
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC
R1A	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON EXISTING INSULATION.
R1B	SINGLE PLY ROOFING SYSTEM: COMPOSITE DECKING ON EPDM MEMBRANE ON EXISTING INSULATION.
S3	CAST-IN-PLACE REINFORCED CONCRETE ON METAL DECK.

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL



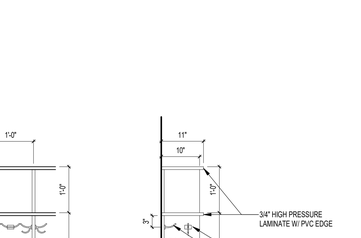
B1 RECEPTION DESK @ HIGH COUNTER
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

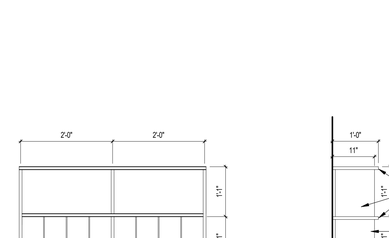


B2 RECEPTION DESK @ LOW COUNTER
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL



B3 RECEPTION DESK @ BASE DRAWERS
3/4" = 1'-0"



B5 STEEL COUNTERTOP SUPPORT BRACKET
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS

C1 BASE & UPPER CABINET (243630)
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS

C2 BASE & UPPER CABINET_TYPICAL CLASSROOM
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS

C3 BASE & UPPER CABINET_LAUNDRY
3/4" = 1'-0"

SEE ROOM FINISH SCHEDULE FOR COUNTERTOP & CASEWORK MATERIAL

SEE ELEVATIONS FOR SIDE & BACK SPLASH LOCATIONS

C4 BASE & UPPER CABINET W/MICROWAVE
3/4" = 1'-0"

D1 CUBBY - OUTSIDE CORNER
1" = 1'-0"

E1 CUBBY DETAIL
3/4" = 1'-0"

E4 DIAPER CUBBY DETAIL
3/4" = 1'-0"

E5 INFANT / TODDLER CUBBY DETAIL
3/4" = 1'-0"

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REVISIONS:

INTERIOR DETAILS

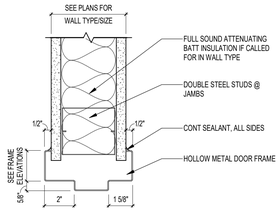
CONSTRUCTION SET

DATE: 08-19-22

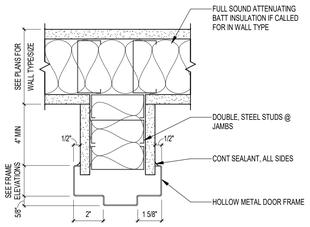
JOB NO: 220040-01

SHEET NO: A812

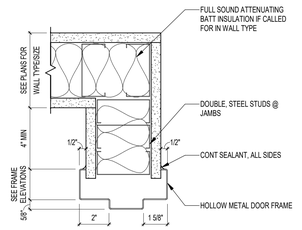
HEAD SIMILAR



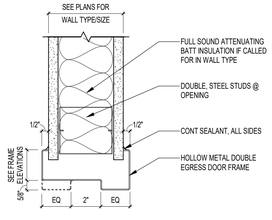
A1 **HM FRAME JAMB @ STL STUD PARTITION**
3" = 1'-0"



A2 **HM FRAME JAMB @ STL STUD PARTITION**
3" = 1'-0"

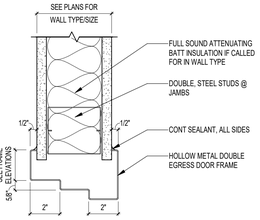


A3 **HM FRAME JAMB @ STL STUD PARTITION**
3" = 1'-0"



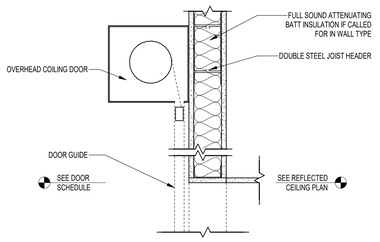
A4 **DOUBLE EGRESS HM FRAME HEAD**
3" = 1'-0"

HEAD SIMILAR

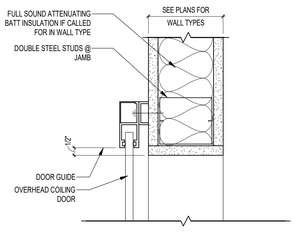


A5 **DOUBLE EGRESS HM FRAME JAMB**
3" = 1'-0"

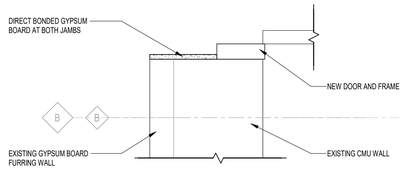
CONSTRUCTION ASSEMBLIES	
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C1B	2x4 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE:
C1C	INTERIOR SOFFIT: 5/8" GYPSUM BOARD SOFFIT ON 3 5/8" METAL SUPPORTS @ 16" OC W/DIAGONAL KICKERS AT 32" OC
R1A	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON EXISTING INSULATION.
S3	CAST-IN-PLACE REINFORCED CONCRETE ON METAL DECK.



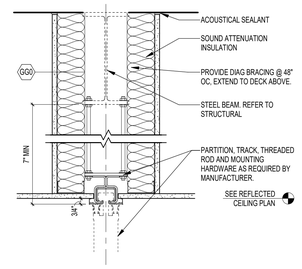
B1 **OVERHEAD COILING GRILLE HEAD/SILL**
1 1/2" = 1'-0"



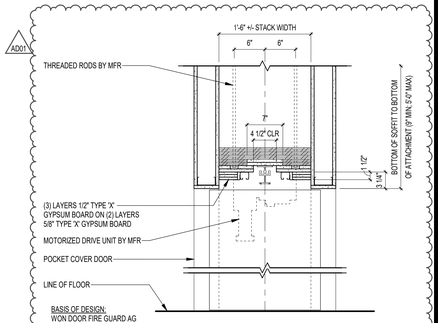
B2 **OVERHEAD COILING GRILLE JAMB**
3" = 1'-0"



B3 **RELOCATED DOOR FRAME @ NEW OPENING**
1 1/2" = 1'-0"

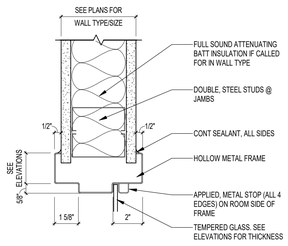


B4 **OPERABLE PARTITION HEAD**
1 1/2" = 1'-0"

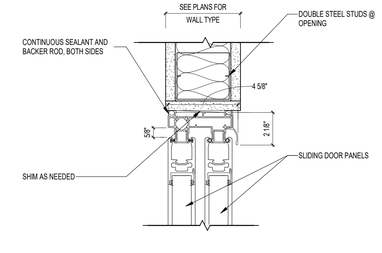


B6 **WON DOOR HEAD**
1" = 1'-0"

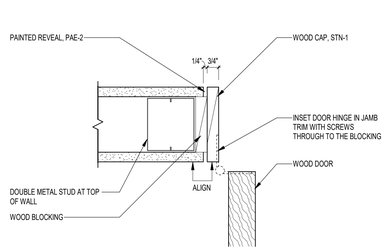
HEAD SIMILAR



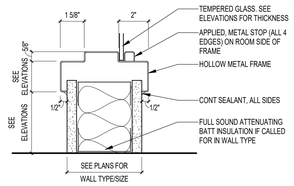
C1 **BORROWED LITE HM FRAME JAMB @ STL STUD PARTITION**
3" = 1'-0"



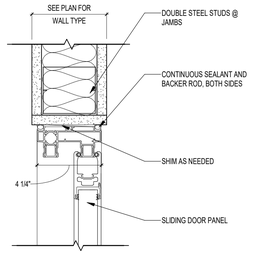
C2 **SLIDING DOOR HEAD**
3" = 1'-0"



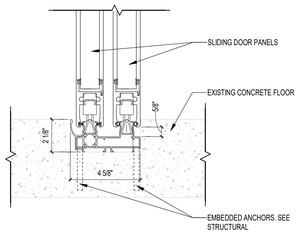
C3 **DOOR JAMB AT HALF WALL**
3" = 1'-0"



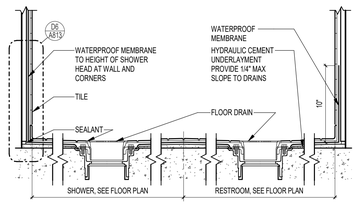
D1 **BORROWED LITE HM FRAME SILL @ STL STUD PARTITION**
3" = 1'-0"



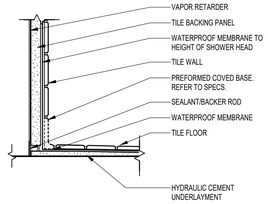
D2 **SLIDING DOOR JAMB**
3" = 1'-0"



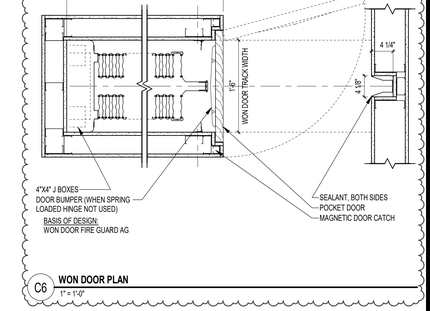
E2 **SLIDING DOOR SILL**
3" = 1'-0"



D5 **SHOWER BASE**
1 1/2" = 1'-0"



D6 **SHOWER BASE @ SHOWER HEAD WALL**
3" = 1'-0"



C6 **WON DOOR PLAN**
1" = 1'-0"

DRAWN BY: EAG AM 9/6/2022 1:20:49 PM

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 9933
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9933
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr., buda, tx 78610 t 737 525 0933

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:	
AD01	09-06-22

INTERIOR DETAILS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: A813

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ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	CEILING TYPE	CEILING FINISH	CASEWORK CABINET	CASEWORK COUNTERTOP	COMMENTS	REV
GROUND FLOOR													
104	WOMENS	EXTG	EXTG	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG	EXTG/PAS-1	--	EXTG	27	
105	MENS	EXTG	EXTG	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG	EXTG/PAS-1	--	EXTG	27	
106	ATRIUM LOBBY	C-1,2,3	RB-1	PAE-3,4	PAE-1,4	PLAM-1/PAE-1,4,7	PLAM-1/PAE-3	EXTG/GYP	PAE-1	--	--	25,31	
106A	RECEPTION	C-1,2,3	RB-1	--	PAE-7	PAE-1	--	EXTG/GYP	PAE-1	PLAM-6/DP-1/PA-6/ QTZ-1/SLD-5	QTZ-1/SLD-5	6,7,16,33	
109A	MULTI-PURPOSE	VT-1	RB-1	PAE-1,3	PAE-1	PAE-1	PAE-1	EXTG/SUSP/GYP	AC-1/PAE-1	PLAM-5	QTZ-1	--	
109B	MULTI-PURPOSE	VT-1	RB-1	PAE-1	PAE-1	PAE-1,3	PAE-1	EXTG/SUSP/GYP	AC-1/PAE-1	--	--	--	
110	LOUNGE	C-1,2	RB-1	PAE-1	--	--	PAE-1	EXTG/GYP	PAE-1	--	--	--	
111	CORRIDOR	C-3	RB-1	--	PAE-3	--	PAE-3	EXTG/GYP	EXTG/ACP/PAE-1	--	--	--	
111A	ENTRY	C-6	RB-1	PAE-1	PAE-1	--	PAE-3	EXTG	EXTG	--	--	--	
112	KITCHEN	QT-1	QT-2	FRP-1	FRP-1	FRP-1	FRP-1	SUSP	AC-3	--	--	17	
113	CORRIDOR	C-3/VT-2	RB-1	PAE-1	--	PAE-3	--	EXTG	EXTG/PAE-1	--	--	--	
115	CORRIDOR	C-3	RB-1	PAE-1	PAE-3	--	PAE-1	EXTG	EXTG/ACP/PAE-1	--	--	--	
119	KITCHENETTE	VT-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	EXTG	EXTG	--	
120	WOMEN	EXTG	EXTG	PAX-5	PAX-5	PAX-5	PAX-5	EXTG	EXTG/PAX-5	EXTG	EXTG	--	
121	MEN	EXTG	EXTG	PAX-5	PAX-5	PAX-5	PAX-5	EXTG	EXTG/PAX-5	--	--	--	
122	CORRIDOR	VT-1	RB-1	PAE-1	--	PAE-1	PAE-1	EXTG	PAE-1	--	--	--	
123	COATS	VT-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG	--	--	--	
126	OPEN OFFICE	C-4	RB-1	PAE-1	PAE-1,2	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
128	STORAGE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG	--	--	29	
132	GROSS MOTOR SKILLS ROOM	SV-4	RB-1	--	--	--	--	EXTG	EXTG	--	--	29,30	
134	CORRIDOR	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG	--	--	29	
137	UNIVERSAL LOCKER	C-5	RB-1	PAS-1	PAS-1	PAS-1	PAS-1	SUSP	AC-4	--	--	5,21	
137A	TLT/SHWR	PT-2	PT-3	CT-1	CT-1	CT-1	CT-1	GYP	PAX-1	PLAM-1	SLD-1,5	22	
137B	TLT/SHWR	PT-2	PT-3	CT-1	CT-1	CT-1	CT-1	GYP	PAX-1	PLAM-1	SLD-1,5	22	
137C	TLT/SHWR	PT-2	PT-3	CT-1	CT-1	CT-1	CT-1	GYP	PAX-1	PLAM-1	SLD-1,5	22	
137D	ELEC ROOM	SCONC-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXP	--	--	--	--	
138	CORRIDOR	C-1,2,3	RB-1	PAE-1	PAE-1	PAE-1,4	PAE-1,4	EXTG	EXTG/PAE-1	--	--	--	
139	SPECIALTY WELLNESS	C-5	RB-1	--	--	--	AF-1	EXTG	PAE-1,2,3,19	--	--	24	
140	VESTIBULE	C-6	RB-1	--	--	--	PAE-7	EXTG/GYP	PAE-1	--	--	--	
145	VIRTUAL STREAMING/ SMALL GROUP STUDIO	RBR-1/TF-1	RB-1	PAE-6	PAE-6	PAE-6	WC-1/PAE-6	EXP/SUSP	PAD-6/AC-1/PAE-1	SLD-6	--	3,13,19,36	
147	WELLNESS	RBR-1	RB-1	PAE-6,7	-	WC-1/PAE-1,6	PAE-6,8	EXP/SUSP/ GYP	PAD-6/AC-1/PAE-1	SLD-6	SLD-6	13,20,23,32,3 6	
147A	O/PT	C-5	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
149	MP STUDIO	SV-4	RB-1	WC-1/PAE-1,6	PAE-1,6	PAE-1,6	PAE-1,6	EXP/SUSP	PAD-6/AC-1	--	--	13,26,36	
149A	STORAGE	SCONC-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
153	OFFICE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
E1	ELEVATOR	C-1	--	PLAM-1	PLAM-1	PLAM-1	PLAM-1	EXTG	EXTG	--	--	1	
S2	STAIR 2	C-1	RB-1	EXTG/PAE-14	--	EXTG/PAE-16	EXTG	EXTG	EXTG/PAE-1	--	--	18,25,28	
FIRST FLOOR													
205	ATRIUM LOBBY	PT-1	PT-4	PAE-3,4	PAE-3,6/DP-1/PLAM-1	EXTG/PLAM-1/PAE-4	PAE-4	EXTG/GYP	PAE-1	--	--	16,31	
206	CORRIDOR	PT-1	PT-4	PAE-1	PAE-3	--	PAE-1	GYP	PAE-1	--	--	34	
207	CORRIDOR	C-6	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP	AC-2/PAE-1	--	--	--	
208	CORRIDOR	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG/SUSP	AC-2	--	--	--	
209	CORRIDOR	SV-3	RB-1	--	PAE-1,9,13/IRWC-1	--	PAE-1,10/IRWC-1	SUSP/GYP	AC-2/PAE-9,10,13	--	--	12,14,35	
210	VESTIBULE	C-6	RB-1	PAE-1	PAE-1	EXTG	PAE-1	EXTG	PAE-1	--	--	--	
211	OFFICE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG/SUSP	AC-1/PAE-1	--	--	--	
212	OFFICE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG/SUSP	AC-1/PAE-1	--	--	--	
213	OFFICE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG/SUSP	AC-1/PAE-1	--	--	--	
216	HEADSTART	SV-1,3	RB-1	PAE-1	PAE-1,2	PAE-1,2	PAE-1	SUSP	AC-2	PLAM-3	SLD-2	8	
216A	TOILET	PT-1	PT-4	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
216B	STORAGE	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
217	HEADSTART	SV-1,3	RB-1	PAE-1	PAE-1	PAE-1,2	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
217A	TOILET	PT-1	PT-4	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
217B	STORAGE	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
219	HEADSTART	SV-1,3	RB-1	PAE-1	PAE-1	PAE-2	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
219A	TOILET	PT-1	PT-4	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
219B	STORAGE	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
220	HEADSTART	SV-1,3	RB-1	PAE-2	PAE-1	PAE-1	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
220A	TOILET	PT-1	PT-4	CT-2,3/PAS-2	CT-2,3/PAS-2	PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
220B	STORAGE	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
221	3K	SV-1,3	RB-1	PAE-1	PAE-1	PAE-2	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
221A	TOILET	PT-1	PT-4	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
221B	CLOSET	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
222	4/5'S	SV-1,3	RB-1	PAE-2	PAE-1	PAE-1	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
222A	CLOSET	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
223	4K WRAP	SV-1,3	RB-1	PAE-1,2	PAE-1	PAE-1	PAE-1,2	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	SLD-2	8	
223A	TOILET	PT-1	PT-4	CT-2,3/PAS-2	CT-2,3/PAS-2	PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-3	SLD-2,5	10,15,38	
223B	CLOSET	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
224	CORRIDOR	SV-3	RB-1	PAE-1/IRWC-1	PAE-1,8,13/IRWC-1	PAE-1/IRWC-1	PAE-1/IRWC-1	SUSP/GYP	AC-2/PAE-1,8,13	--	--	12,14,35	
225	CORRIDOR	SV-3	RB-1	PAE-1/IRWC-1	IRWC-1/PAE-1,11,12	PAE-1,10/IRWC-1	PAE-1/IRWC-1	SUSP/GYP	AC-2/PAE-10,11,12	--	--	12,14	
226	CORRIDOR	SV-3	RB-1	PAE-1/IRWC-1	--	PAE-1/IRWC-1	--	SUSP	AC-2	--	--	12,35	
227	PANTRY	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
228	STORAGE	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-2	--	--	--	
229	LAUNDRY	SV-3	RB-1	PAE-1/IRWC-1	PAE-1/IRWC-1	PAE-1/IRWC-1	PAE-1/IRWC-1	SUSP	AC-4	PLAM-3	SLD-3	12	
230	WORK ROOM	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-2	PLAM-3	PLAM-2	--	
231	BREAK ROOM	SV-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-2	PLAM-3	SLD-3	--	
232	CHILD CARE ADMIN	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-2	--	--	--	
233	MEN	PT-1	PT-4	PAX-2	PAX-1	PAX-1	PAX-1	EXTG/GYP	EXTG/PAE-1		SLD-4,5	38	
234	WOMEN	PT-1	PT-4	PAX-1	PAX-1	PAX-2	PAX-1	SUSP/GYP	AC-4/PAE-1	--	SLD-4,5	38	
236	CORRIDOR	SV-3	RB-1	PAE-1/IRWC-1	--	PAE-1/IRWC-1	--	SUSP/GYP	AC-2/PAE-1	--	--	12,35	
237	SECURE LOBBY	C-6	RB-1	PAE-1	PAE-1	PAE-1	PAE-1/WC-1	SUSP	AC-2	--	--	13	
238	CORRIDOR	SV-3	RB-1	PAE-1/IRWC-1/WC-1	PAE-1/IRWC-1	PAE-1/IRWC-1/WC-1	IRWC-1/WC-1/PAE-1,8,9,11,12,13	SUSP/GYP	AC-2/PAE-1,8,9,11,1 2,13	--	--	12,13,14	
239	DIRECTOR'S OFFICE	C-4	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	--	--	--	
240	SR 2'S	SV-2	RB-1	PAE-1,2	PAE-1,2	PAE-1	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-4	SLD-2	8	
240A	TOILET	PT-1	PT-4	CT-2,3/PAS-2	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-4	SLD-2,5	10,11,38	
240B	CLOSET	SV-2	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
241	JR 2'S	SV-2	RB-1	PAE-1	PAE-1,2	PAE-1,2	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-4	SLD-2	8	
241A	CLOSET	SV-2	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
242	TODDLERS	SV-2	RB-1	PAE-1,2	PAE-1,2	PAE-1	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-4	SLD-2	8	
242A	CLOSET	SV-2	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
242B	TOILET	PT-1	PT-4	CT-2,3/PAS-2	PAS-2	CT-2,3/PAS-2	CT-2,3/PAS-2	SUSP	AC-4	PLAM-4	SLD-2,5	10,11,38	
242C	FOOD PREP/ DIAPERING	SV-2	RB-1	PAE-2	PAE-2	PAE-2	PAE-2	SUSP	AC-4	PLAM-3,4	SLD-2	11,37	
243	TODDLERS	SV-2	RB-1	PAE-1	PAE-1,2	PAE-1,2	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-4	SLD-2	8	
243A	CLOSET	SV-2	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	GYP	PAE-1	--	--	--	
244	INFANTS	SV-2	RB-1	PAE-1,2	PAE-1,2	PAE-1	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	--	8,37	
244A	STORAGE	SV-2	RB-1	PAE-2	PAE-2	PAE-2	PAE-2	SUSP	AC-2	--	--	--	
244B	FOOD PREP/ DIAPERING	SV-2	RB-1	PAE-2	PAE-2	PAE-2	PAE-2	SUSP	AC-4	PLAM-3,4	SLD-2	9,11,37	
245	INFANTS	SV-2	RB-1	PAE-1	PAE-1,2	PAE-1,2	PAE-1	EXTG/SUSP/GYP	AC-2/PAE-1	PLAM-3	--	8,37	
246	VESTIBULE	C-6	RB-1	EXTG	--	WC-1	PAE-1	EXTG/SUSP	AC-1/PAE-1	--	--	13,28	
250	STORAGE	--	--	--	--	--	--	--	--	--	--	--	

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	CEILING TYPE	CEILING FINISH	CASEWORK CABINET	CASEWORK COUNTERTOP	COMMENTS	REV
SECOND FLOOR													
304	WOMENS	EXTG	EXTG	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG	EXTG/PAS-1	--	EXTG	27	
305	MENS	EXTG	EXTG	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG/PAS-5	EXTG	EXTG/PAS-1	--	EXTG	27	
306	ATRIUM LOBBY	C-1,2,3	RB-1	PLAM-1/ST-1/PAE-17	PAE-1,6/DP-1	PLAM-1/PAE-4,15,16	--	EXTG	PAE-1	DP-1/PA-6/QTZ-1	QTZ-1	7,16,31	
309A	CONFERENCE ROOM	C-1,2,3	RB-1	PAE-3	PAE-1	PAE-1	PAE-1,3	EXTG	EXTG/PAE-1	PLAM-1	QTZ-1	--	
309B	CONFERENCE ROOM	C-1,2,3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1,3	EXTG	EXTG/PAE-1	PLAM-1	QTZ-1	--	
310	CORRIDOR	C-1,2,3	RB-1	PAE-1,16	PAE-1,16	PAE-1,16	PAE-1/PLAM-1	EXTG/GYP	EXTG/PAE-1	--	--	--	
311	CORRIDOR	C-2,3/VT-2	RB-1	PAE-1	PAE-4	PAE-4	PAE-4	EXTG	EXTG/PAE-1	--	--	--	
312	COWORKING	C-1,2,3	RB-1	PAE-1	PAE-1,15	PAE-1,15	PAE-1	SUSP/GYP	AC-1/PAE-1	--	--	--	
312A	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP	AC-1/PAE-1	--	--	--	
312B	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312C	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312D	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/EXTG	AC-1/PAE-1	--	--	--	
312E	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/EXTG	AC-1/PAE-1	--	--	--	
312F	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/EXTG	AC-1/PAE-1	--	--	--	
312G	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/EXTG	AC-1/PAE-1	--	--	--	
312H	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312I	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312J	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312K	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
312L	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
312M	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
312Q	WORK ROOM	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG	PLAM-1	PLAM-2	--	
313	CORRIDOR	C-1,2	RB-1	PAE-1	PLAM-1/PAE-1	PAE-14	PAE-1,14	EXTG	EXTG/PAE-1	--	--	--	
317A	CONSULT	C-3	RB-1	-	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	28	
317B	CONSULT	C-3	RB-1	-	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	28	
317C	CONSULT	C-3	RB-1	-	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	28	
318	ABLELIGHT	C-3	RB-1	PAE-1	--	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
318A	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
318B	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
318C	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
318D	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
318E	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
319	CAC	C-3	RB-1	-	PAE-1	PAE-1	PAE-1,17	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
322A	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
322B	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
322C	OFFICE	C-1	RB-1	AWP-1/PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	2	
322D	OFFICE	C-1	RB-1	AWP-1/PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	2	
322E	OFFICE	C-1	RB-1	AWP-1/PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	2	
322F	OFFICE	C-1	RB-1	AWP-1/PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	2	
323A	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
323B	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
323C	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
323D	OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP/GYP/EXTG	AC-1/PAE-1	--	--	--	
324	CORRIDOR	C-1,2,3	RB-1	PAE-1,4	PAE-4,15	PAE-4	--	EXTG	EXTG/PAE-1	--	--	--	
324A	PASSAGE	C-1	RB-1	PAE-1	PAE-1,16	PAE-1,4,16	PAE-1,4	EXTG	EXTG/PAE-1	--	--	--	
325	MEN	PT-1	PT-4	PT-5	PAX-1	PAX-1	PAX-1	EXTG/GYP	PAE-1	--	SLD-4	--	
326	WOMEN	PT-1	PT-4	PAX-1	PAX-1	PT-5	PAX-1	EXTG/GYP	PAE-1	--	SLD-4	--	
328	CORRIDOR	C-1,2,3	RB-1	PAE-15	PAE-4	PAE-1	PAE-1,15	SUSP	AC-1	--	--	--	
329	CLOSET	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG	--	--	--	.
331	CORRIDOR	C-1,2,3	RB-1	PAE-1,4	PAE-1,14	PAE-1,4,14	PAE-4,15	EXTG	EXTG/PAE-1	--	--	--	
331A	PASSAGE	C-1	RB-1	PAE-1	PAE-1,4	PAE-1,4,16	PAE-1,16	EXTG	EXTG/PAE-1	PLAM-1	PLAM-2	5	
332	GWCHF	C-1,2,3	RB-1	PAE-1,14	PAE-1	--	--	EXTG	EXTG/PAE-1	--	--	--	
332A	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
332B	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
332C	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
332D	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
332E	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
332F	OFFICE	C-3	RB-1	PAE-1	PAE-1	AWP-1/PAE-1	PAE-1	SUSP	AC-1	--	--	2	
332G	OFFICE	C-3	RB-1	PAE-1	PAE-1	AWP-1/PAE-1	PAE-1	SUSP	AC-1	--	--	2	
333	OFFICE	C-3	RB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTG/PAE-1	--	--	--	
334	CORRIDOR	C-1,2,3	RB-1	PAE-4	--	--	--	EXTG	EXTG/PAE-1	--	--	--	
335	CAFE	VT-2	RB-1	PAE-4	PAE-4	PAE-4/CT-1	PAE-4/CT-1	EXTG/GYP	PAE-1	PLAM-1	QTZ-1	4	
336	COFFEE	C-2,3/VT-2	RB-1	--	PAE-1,17	PAE-1	--	EXTG/GYP	PAE-1	PLAM-1	QTZ-1	--	

ROOM FINISH GENERAL NOTES:

A. ALL STOOLS TO BE SLD-5. SEE C3 / A810
B. ALL FACES AND UNDERSIDES OF SOFFITS TO BE PAINTED THE SAME COLOR UNLESS OTHERWISE NOTED.
C. PAINT ALL MISC. METAL/GRILLES, ETC. TO MATCH PAINT OF ADJACENT WALL.
D. ALL INTEGRAL SINK BOWLS TO BE SLD-5.
E. PROVIDE TS-1 AT ALL OUTSIDE CORNER TILE EDGES AND EXPOSED TOP OF TILE BASE.
F. FOR EXISTING SUSPENDED CEILINGS - REPLACE DAMAGED, STAINED, OR SAGGING CEILING TILES AS NECESSARY.
G. ALL EXISTING WINDOW BLINDS TO BE REMOVED, CLEANED, AND REINSTALLED.
H. PROVIDE ROBE HOOK ON ROOM SIDE AT ALL PRIVATE OFFICE AND CONSULT ROOMS DOORS.

ROOM FINISH SCHEDULE COMMENTS:

1. ELEVATOR WALL PANELS TO BE PLAM-1.
2. PROVIDE AWP-1. SEE ELEVATION B5 / A803.
3. PROVIDE BLACK AXIOM TRIM, 4" HIGH AT CEILING CLOUD.
4. PROVIDE CT-1 BACKSPLASH.
5. PROVIDE LOCKER LKR-1.
6. SEE ELEVATIONS FOR MATERIAL PLACEMENT ON RECEPTION DESK.
7. PROVIDE AWP-2 BETWEEN TRANSACTION TOP AND WORK SURFACE.
8. CUBBIES TO BE PLAM-4.
9. LARGE LEDGE TO BE SLD-2. SEE DETAIL D4 / A811
10. PROVIDE CT-2,3 4'-0" H ABOVE BASE. SEE FINISH PLAN FOR WALL TILE EXTENTS AND TYPICAL B3 / A800
11. HALF WALL & OPENING TO RECEIVE WOOD CAP / CASING, STN-1.
12. PROVIDE IRWC-1 TO 4'-0" ON ALL WALLS. ABOVE BASE. OMIT IRWC-1 AT ACCENT PAINT, SEE NOTE 14.
13. PROVIDE WC-1, REFER TO FINISH PLAN FOR EXTENTS.
14. PROVIDE ACCENT PAINT AT CLASSROOM ENTRIES. SEE DETAIL B4 / A800 .
15. PROVIDE TOILET PARTITIONS TP-1.
16. PROVIDE DP-1. SEE ELEVATIONS.
17. PROVIDE FRP-1 FULL HEIGHT, ALL WALLS.
18. PROVIDE STAIR NOSING, TS-7
19. PROVIDE PAINTED LINES / LOGO ON TURF.
20. PROVIDE LOCKERS LKR-2,3,4,5. REFER TO ELEVATION FOR PLACEMENT.
21. BENCH TO BE STAINED STN-1 WITH CLEAR COAT.
22. PROVIDE SHOWER CURTAIN SC-2 WITH LINER SC-1.
23. PROVIDE NEW MOTORIZED SHADE RS-1.
24. PROVIDE AF-1 ON EXISTING PANELS.
25. PROVIDE DIMENSIONAL LETTERS, SIGN-1.
26. PROVIDE WHITE AXIOM TRIM, 4" HIGH.
27. PAINT ALL EXISTING GYP WALLS PA-5. EXISTING TILE TO REMAIN.
28. EXISTING BURNISHED BLOACK TO REMAIN UNFINISHED.
29. EXISTING CEILING TILE TO BE SALVAGED AND REUSED.

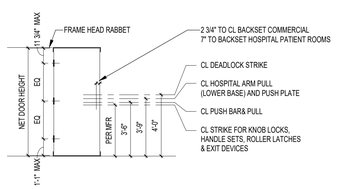
GLAZING SCHEDULE:

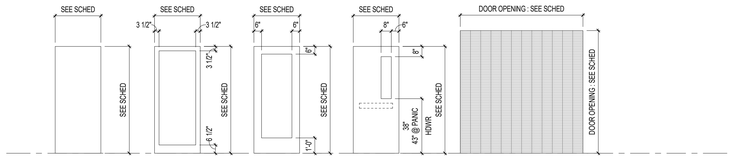
IG INSULATING GLASS
IGT INSULATING GLASS - FULLY TEMPERED
MG MONOLITHIC FLOAT GLASS
MGT MONOLITHIC FLOAT GLASS - FULLY TEMPERED
SG SPANDREL INSULATING GLASS

GENERAL DOOR NOTES:

A. ALL METAL DOORS, FRAMES AND MISC. METAL TO BE PAINTED AS SCHEDULED.
B. ALL STAINED DOORS TO BE STN-1.
C. DOOR NUMBER IS IDENTICAL TO NUMBER OF ROOM IN WHICH DOOR OCCURS. IN CASES OF MULTIPLE DOORS IN ONE ROOM, SUFFIXES ARE ADDED TO DOOR NUMBER.
D. ALL DOORS ARE 1-3/4" THICK, UNLESS NOTED OTHERWISE.
E. ALL DOORS RECEIVING PANIC HARDWARE - LITES TO BE 3'-6" AFF MINIMUM FOR HARDWARE CLEARANCE BELOW LITE.
F. PROVIDE WEATHERSTRIPPING AT ALL EXTERIOR DOORS.
G. REUSE EXISTING DOORS AND FRAMES AS INDICATED. SALVAGE ALL EXISTING DOOR HARDWARE FROM REMOVED DOORS AND REUSE AS APPROPRIATE AT NEW/RELOCATED DOOR LOCATIONS TO THE GREATEST EXTENT POSSIBLE. CONFIRM POTENTIAL LOCKSET FUNCTION CHANGE FROM SPECIFIED FUNCTION WITH ARCHITECT WHEN THE OPTION TO USE AN EXISTING LOCKSET WITH A DIFFERENT FUNCTION WOULD AVOID THE NEED TO PURCHASE NEW.
H. MODIFY ALL EXIST FRAMES AS REQUIRED FOR ADDED HARDWARE.

DOOR HARDWARE GRAPHIC





E : 1 FLUSH DOOR

FG : 3 ENTRANCE (MEDIUM STILE)

FG : 6 FLUSH DOOR W/ FULL GLASS

N : 8 FLUSH DOOR W/ NARROW GLASS

OC : 2 OVERHEAD COILING GRATE

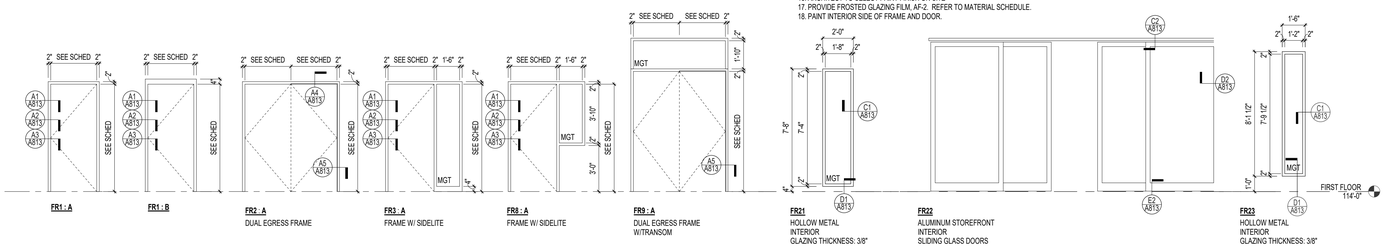
DOOR TYPES

DOOR SCHEDULE

DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLASS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	ASSEMBLY RATING	HARDWARE GROUP	COMMENTS	REV
GROUND FLOOR														
104	104	WOMENS	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	34.0	5	-
105	105	MENS	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	34.0	5	-
107	107	STORAGE	2'-10"W / 2'-10"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	23.0	5	-
108	108	JANITOR	2'-10"W / 2'-10"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	23.0	5	-
109A	109A	MULTI-PURPOSE	3'-0"W x 7'-10"H	F : 1	WD	-	-	FR3 : A	HM	PAS-6	-	14.0	5,7,8a	-
109B	109B	MULTI-PURPOSE	3'-0"W x 7'-10"H	F : 1	WD	-	-	FR3 : A	HM	PAS-6	-	14.0	5,7,8a	-
110	110	LOUNGE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	-	37.0	-	-
110.1	110	LOUNGE	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	-	37.0	-	-
111	111A	ENTRY	3'-2"W / 3'-2"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 17	AL	ANOD	-	1.0	4,7,8a,10,13,14	-
112	112	KITCHEN	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	21.0	5	-
114	114	MECHANICAL	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	23.0	5	-
116	116	MACHINE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
117	117	ELECTRICAL	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
118	118	MAIL	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
118.1	118	MAIL	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
118.2	118	MAIL	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
120	120	WOMEN	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
121	121	MEN	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
123	123	COATS	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
124	124	TELECOM	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
125	106	ATRIUM LOBBY	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	10.0	5	-
126	126	OPEN OFFICE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
126.1	126	OPEN OFFICE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
126.2	126	OPEN OFFICE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
127	127	STORAGE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
128A	128A	STORAGE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
128B	128B	STORAGE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	-	5	-
132	132	GROSS MOTOR SKILLS ROOM	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	EXTG	-	19.0	-	-
134	134	CORRIDOR	3'-0"W / 3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	-	FR1 : A	EXTG	PAS-6	-	4.1	1,2,3,5,7,8a	-
137	137	UNIVERSAL LOCKER	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	PAS-6	-	EXTG	EXTG	PAS-6	-	-	-	-
137.1	137	UNIVERSAL LOCKER	3'-0"W / 3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	26.0	10,12	-
137A	137A	TLT/SHWR	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	32.0	9	-
137B	137B	TLT/SHWR	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	32.0	9	-
137C	137C	TLT/SHWR	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	32.0	9	-
137D	137D	ELEC ROOM	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	25.0	9	-
140	140	VESTIBULE	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	-	3.0	6,7,8a	-
140.1	140	VESTIBULE	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	-	2.0	6	-
145	145	VIRTUAL STREAMING/ SMALL GROUP STUDIO	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	MGT	FR : 16	AL	ANOD	-	6.0	15	-
145.1	145	VIRTUAL STREAMING/ SMALL GROUP STUDIO	19'-0"W x 9'-10"H	FG : 3	AL	ANOD	MGT	FR : 21	AL	ANOD	-	35.0	15	-
147	147	WELLNESS	2'-10"W x 7'-10"H	FG : 3	AL	ANOD	MGT	FR : 11	AL	ANOD	-	4.0	6,7,8b,14	-
147.1	147	WELLNESS	3'-0"W / 3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	18.0	5	-
147.2	147	WELLNESS	14'-0"W x 10'-0"H	OC : 2	AL	ANOD	-	PER MFR	PER MFR	PAS-6	-	38.0	15	-
147A	147A	O/PT	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	MGT	FR : 16	AL	ANOD	-	30.0	15,17	-
149	149	MP STUDIO	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	MGT	FR : 14	AL	ANOD	-	9.0	15	-
149.1	149	MP STUDIO	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	-	FR : 15	AL	ANOD	-	11.0	15	-
149A	149A	STORAGE	3'-0"W / 3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	23.1	12	-
153	153	OFFICE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR8 : A	HM	PAS-6	-	31.0	-	-
S1.0	S1	STAIR 1	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	EXTG	-	-	5	-
S3.1	S3	STAIR 3	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	12.0	5	-

DOOR SCHEDULE COMMENTS:

1. RELOCATED DOOR AND FRAME
2. RELOCATED HARDWARE
3. EXISTING DOOR SIZE INDICATED ON SCHEDULE IS FOR REFERENCE ONLY. FIELD VERIFY ALL EXISTING DOOR SIZES.
4. DOOR IN EXISTING MODIFIED FRAME
5. DOOR TO RECEIVE AF-1, REFER TO MATERIAL SCHEDULE.
6. AUTOMATIC SWING DOOR OPERATOR
7. ELECTRIC STRIKE OR LOCK
8a. CARD ACCESS: PER CONTRACT
8b. CARD ACCESS; SCANNER BY YMCA, BACKBOX AND CONDUIT PER CONTRACT
8c. CARD ACCESS; SCANNER BY HEAD-START, BACKBOX AND CONDUIT PER CONTRACT.
9. PROVIDE 1" DOOR UNDERCUT
10. REMOVABLE MULLION
11. PUSH BUTTON RELEASE AT 4'-0"AFF, BOTH SIDES
12. 180 DEGREE SWING
13. INSULATED HOLLOW DOOR AND THERMALLY BROKEN FRAME
14. ANODIZED COLOR TO MATCH EXISTING
15. ANODIZED COLOR: BLACK
16. ARCHITECT TO SELECT PAINT FINISH ON SITE
17. PROVIDE FROSTED GLAZING FILM, AF-2. REFER TO MATERIAL SCHEDULE.
18. PAINT INTERIOR SIDE OF FRAME AND DOOR.



FR1 : A **FR1 : B**

FR2 : A DUAL EGRESS FRAME

FR3 : A FRAME W/ SIDELITE

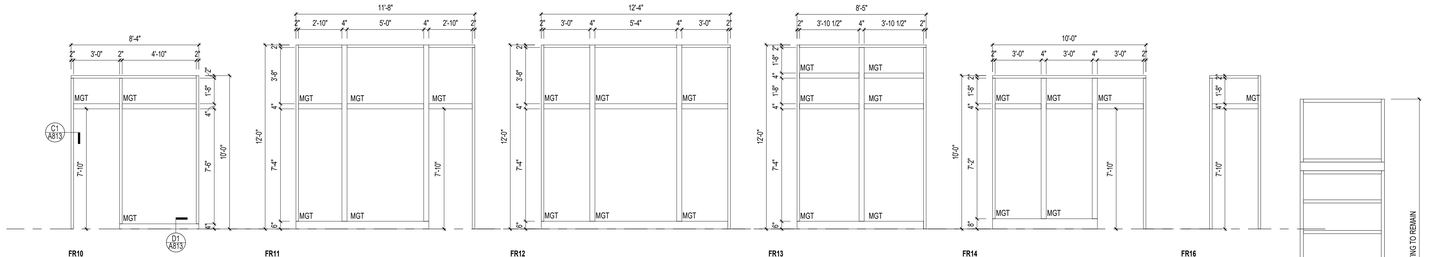
FR8 : A FRAME W/ SIDELITE

FR9 : A DUAL EGRESS FRAME W/TRANSOM

FR21 HOLLOW METAL INTERIOR GLAZING THICKNESS: 3/8"

FR22 ALUMINUM STOREFRONT INTERIOR SLIDING GLASS DOORS

FR23 HOLLOW METAL INTERIOR GLAZING THICKNESS: 3/8"



FR10 HOLLOW METAL INTERIOR GLAZING THICKNESS: 3/8"

FR11 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR12 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR13 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR14 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR16 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR15 ALUMINUM STOREFRONT INTERIOR FRAMING: 2"x4 1/2" GLAZING THICKNESS: 3/8"

FR17 ALUMINUM STOREFRONT (MODIFIED EXISTING) EXTERIOR FRAMING: 2"x4 1/2" (VERIFY) PROVIDE NEW MULLIONS AS REQUIRED

FR19 ALUMINUM STOREFRONT (MODIFIED EXISTING) EXTERIOR FRAMING: 2"x4 1/2" (VERIFY) PROVIDE NEW MULLIONS AS REQUIRED

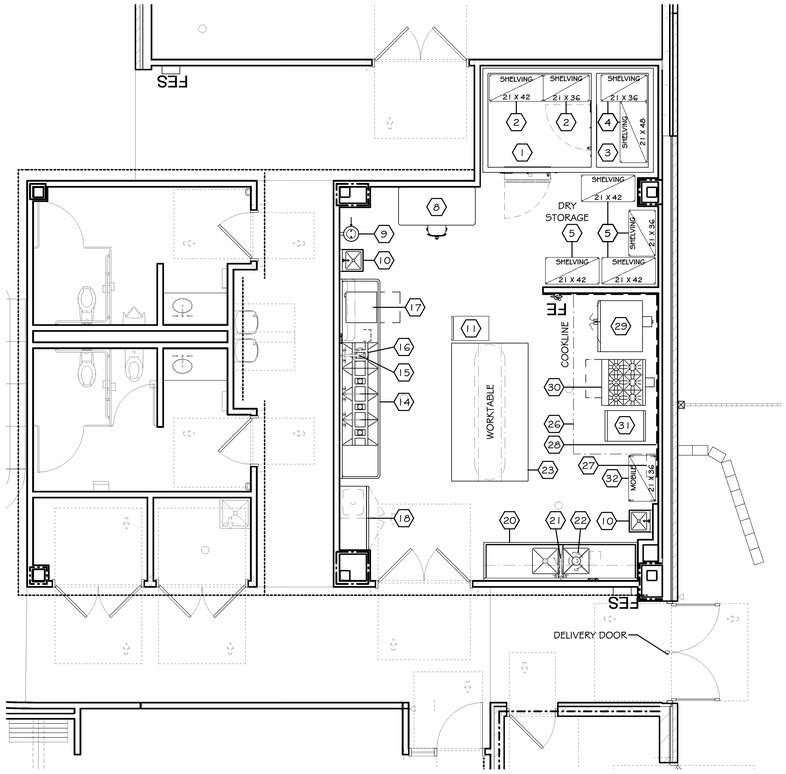
FR20 ALUMINUM STOREFRONT (MODIFIED EXISTING) EXTERIOR FRAMING: 2"x4 1/2" (VERIFY) PROVIDE NEW MULLIONS AS REQUIRED

FR18 ALUMINUM CURTAIN WALL (MODIFIED EXISTING) EXTERIOR FRAMING: 2 1/2"x7 1/2" (VERIFY) PROVIDE NEW MULLIONS AS REQUIRED

FRAME TYPES

DOOR SCHEDULE

DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLASS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	ASSEMBLY RATING	HARDWARE GROUP	COMMENTS	REV
FIRST FLOOR														
204	204	ELECTRICAL	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	25.0	5	-
205	205	ATRIUM LOBBY	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	5.0	5	-
207	207	CORRIDOR	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR1 : A	AL	ANOD	-	8.0	7,8a,13,14	-
207.1	207	CORRIDOR	3'-0"W x 7'-10"H	F : 1	WD	-	-	FR1 : A	HM	PAS-6	-	20.0	5,7,8c	-
211	211	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR5 : BL1	EXTG	PAS-6	-	31.0	1,2,3,5	-
212	212	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR5 : BL1	EXTG	PAS-6	-	31.0	1,2,3,5	-
213	213	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR5 : BL1	EXTG	PAS-6	-	31.0	1,2,3,5	-
216	216	HEADSTART	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	30.0	-	-
216A	216A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
216B	216B	STORAGE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
217	217	HEADSTART	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
217A	217A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
217B	217B	STORAGE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
218.1	219	HEADSTART	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	EXTG	-	36.0	-	-
219	219	HEADSTART	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
219.1	219	HEADSTART	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	EXTG	-	36.0	-	-
219A	219A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
219B	219B	STORAGE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
220	220	HEADSTART	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
220A	220A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
220B	220B	STORAGE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
221	221	SK	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
221A	221A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
221A.1	221A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	-	-
221B	221B	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
222	222	4/S'S	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
222A	222A	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
223	223	4/K WRAP	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
223A	223A	TOILET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	34.0	9	-
223B	223B	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	27.0	-	-
224	224	CORRIDOR	3'-0"W / 3'-0"W x 7'-10"H	N : 8	WD	STN	MGT	FR2 : A	HM	PAS-6	-	17.0	11	-
227	227	PANTRY	2'-10"W / 2'-10"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	23.0	1,2,3,5	-
228	228	STORAGE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	25.0	-	-
229	229	LAUNDRY	3'-0"W x 7'-10"H	F : 1	WD	-	-	FR1 : A	HM	PAS-6	-	28.0	5	-
229.1	229	LAUNDRY	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	28.0	1,2,3,5	-
230	230	WORK ROOM	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	-	FR1 : A	EXTG	EXTG	-	28.0	1,2,3,5	-
230.1	230	WORK ROOM	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	28.0	1,2,3,5	-
231	231	BREAK ROOM	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	28.0	1,2,3,5	-
232	232	CHILD CARE ADMIN	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	30.0	1,2,3,5	-
233	233	MEN	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	32.0	5,9	-
234	234	WOMEN	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR1 : A	EXTG	PAS-6	-	32.0	1,2,3,5,9	-
235	235	TELECOM	3'-0"W / 3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	EXTG	-	-	5	-
237	237	SECURE LOBBY	3'-0"W / 3'-0"W x 7'-10"H	N : 8	WD	STN	MGT	FR2 : A	HM	PAS-6	-	15.0	6,7,8b,12	-
237.1	237	SECURE LOBBY	3'-0"W / 3'-0"W x 7'-10"H	N : 8	WD	STN	MGT	FR2 : A	HM	PAS-6	-	15.0	6,7,8c	-
239	239	DIRECTOR'S OFFICE	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
240	240	SR 2'S	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
240.1	240	SR 2'S	2'-11 3/8"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 20	AL	ANOD	-	7.0	4,7,8a,13,14	-
240A	240A	TOILET	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
240A.1	240A	TOILET	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
240B	240B	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	28.0	-	-
241	241	JR 2'S	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
241.1	241	JR 2'S	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 20	AL	ANOD	-	7.0	4,7,8a,13,14	-
241A	241A	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	28.0	-	-
242	242	TODDLERS	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
242.1	242	TODDLERS	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 20	AL	ANOD	-	7.0	4,7,8a,13,14	-
242A	242A	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	28.0	-	-
242B	242B	TOILET	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
242B.1	242B	TOILET	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
242C	242C	FOOD PREP/ DIAPERING	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
242C.1	242C	FOOD PREP/ DIAPERING	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
243	243	TODDLERS	3'-0"W / 3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
243.1	243	TODDLERS	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 19	AL	ANOD	-	7.0	4,7,8a,13,14	-
243A	243A	CLOSET	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR1 : A	HM	PAS-6	-	28.0	-	-
244	244	INFANTS	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
244.1	244	INFANTS	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 20	AL	ANOD	-	7.0	4,7,8a,13,14	-
244A	244A	STORAGE	3'-0"W x 4'-0"H	F : 1	WD	STN	-	-	-	HM	PAS-6	33.0	-	-
244A.1	244A	STORAGE	3'-0"W x 4'-0"H	F : 1	WD	STN	-	-	-	HM	PAS-6	33.0	-	-
244B	244B	FOOD PREP/ DIAPERING	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
244B.1	244B	FOOD PREP/ DIAPERING	3'-0"W x 4'-0"H	F : 1	WD	STN	MGT	-	-	-	-	33.0	12	-
245	245	INFANTS	3'-0"W x 7'-10"H	F : 1	WD	STN	-	FR3 : A	HM	PAS-6	-	31.0	-	-
245.1	245	INFANTS	3'-0"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 19	AL	ANOD	-	7.0	4,7,8a,13,14	-
246.1	246	VESTIBULE	2'-11 1/4"W x 7'-10"H	FG : 3	AL	ANOD	IGT	FR : 18	AL	ANOD	-	2.1	4,6,14	-
250	250	STORAGE	3'-0"W / 3'-0"W x 7'-10"H	F : 1	HM	PA	-	FR1 : A	HM	PA	-	34.1	13,16	-
S1.1	S1	STAIR 1	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	EXTG	EXTG	EXTG	PAS-6	-	13.0	5,7,8a	-
S3.2	S3	STAIR 3	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	13.0	5,7,8	-
SECOND FLOOR														
304	304	WOMENS	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	34.0	5	-
305	305	MENS	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	34.0	5	-
307	307	STORAGE	2'-10"W / 2'-10"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-18	-	23.0	5	-
308	308	JAN	2'-10"W / 2'-10"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-18	-	23.0	5	-
309	309B	CONFERENCE ROOM	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	20.0	5,7,8a	-
309.1	309A	CONFERENCE ROOM	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	20.0	5,7,8a	-
312	312	COWORKING	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR5 : BL1	EXTG	PAS-6	-	20.0	1,2,3,5,7,8a	-
312.1	312	COWORKING	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	20.0	5,7,8a	-
312A	312A	OFFICE	3'-0"W x 7'-10"H	EXTG	EXTG	EXTG	-	EXTG	EXTG	PAS-6	-	31.0	5	-
312B	312B	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312C	312C	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312D	312D	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5A	EXTG	PAS-6	-	31.0	1,2,3,5	-
312E	312E	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312F	312F	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312G	312G	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312H	312H	OFFICE	3'-0"W x 7'-10"H	F : 1	EXTG	EXTG	EXTG	FR6 : BL5	EXTG	PAS-6	-	31.0	1,2,3,5	-
312I	312I	OF



1 FOODSERVICE - LAYOUT
1/4" = 1'-0"

ITEM	EQUIPMENT SCHEDULE
1	WALK-IN COOLER
2	WALK-IN COOLER SHELVING
3	WALK-IN FREEZER
4	WALK-IN FREEZER SHELVING
5	DRY STORAGE SHELVING
6	OPEN NUMBER
7	OPEN NUMBER
8	DESK, BY OWNER
9	EYE WASH, BY PC
10	HAND SINKS WITH HANDS-FREE OPERATION
11	UTILITY CARTS
12	OPEN NUMBER
13	OPEN NUMBER
14	FOUR COMPARTMENT SINKS
15	PRE-RINSE SPRAY ASSEMBLY
16	DISPOSER
17	UNDERCOUNTER DISHWASHER
18	MOP SINK AND CHEMICAL CLOSET
19	OPEN NUMBER
20	FOOD PREPARATION TABLE WITH SINKS
21	SPRAY AND FILL ASSEMBLY
22	DISPOSER
23	WORKTABLE
24	OPEN NUMBER
25	OPEN NUMBER
26	EXHAUST HOOD
27	FIRE SUPPRESSION SYSTEM
28	S/S WALL COVERING
29	CONVECTION OVEN STACK
30	RANGE WITH CONVECTION OVEN
31	GRIDDLE
32	MOBILE POT AND PAN SHELVING

KITCHEN EQUIPMENT MUST BE ANSI / NSF CERTIFIED AND MEET ALL LOCAL APPLICABLE CODES.

1C 3C

CONDENSING UNITS LOCATED OUTSIDE. VERIFY EXACT LOCATION WITH ARCHITECT.

2 CONDENSING UNITS - LAYOUT
1/4" = 1'-0"

Stewart Design Associates, Inc.
2041 WEST BELTLINE HIGHWAY, SUITE 202
MADISON, WISCONSIN 53713
PHONE: (608) 278-8504
www.stewartdesign.com

PLUNKETT RAYSICH ARCHITECTS, LLP

209 south water street, milwaukee, wisconsin 53204 t 414 319 3700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon view st, buda, tx 78610 t 737 535 09

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

FOODSERVICE LAYOUT

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FS1

FOR REFERENCE ONLY

DRAWN BY: RAD 8/10/2022 9:31:30 AM

EQUIPMENT SCHEDULE				ELECTRICAL SCHEDULE								PLUMBING SCHEDULE										MECHANICAL SCHEDULE			
ITEM	DESCRIPTION	QUAN	NEW (N) EXIST (X) FUTURE (F)	VOLT	PHASE	KW	AMP	HP	CONN. TYPE	NEMA NUMBER	COMMENTS	ITEM	CW	120°F. HW	140°F. HW	HW GPM MAX.	WASTE DIR.	WASTE INDR.	GAS MBTU	GAS SIZE	COMMENTS	EXH. CFM	EXH. SIZE	EXH. S.P.	COMMENTS
1	WALK-IN COOLER	1	NEW																						
	A) BOX	1	NEW	115	1		2.0		DIR.		EC TO CONNECT LIGHT SWITCH ASSEMBLY AND ONE LED LIGHT.														
	B) COIL	1	NEW	115	1		1.3		DIR.		EC TO WIRE FROM J-BOX TO COIL CONNECTION POINT.	1B						1"			DRAINS TO CLEARWATER WASTE HUB DRAIN IN COPPER PIPE PER ALL LOCAL CODES. DRAIN TO BE TRAPPED OUTSIDE OF THE BOX.				
	C) CONDENSING UNIT	1	NEW	208	3		7.0	0.7	DIR.		EC TO WIRE FIVE 18 GA. 24V. WIRES FROM CONDENSING UNIT, TO THE EVAPORATOR COIL; AND FOUR 18 GA. 24V. WIRES FROM THE EVAPORATOR TO THE CONTROLLER BOX MOUNTED ON THE WALK-IN WALL. DO NOT WIRE IN CONDUIT WITH OTHER POWER SUPPLY. (25"L X 31"W X 28"H WEIGHT = 183LBS)														
	D) ALARM	1	NEW	115	1		2.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT.														
	E) UTILITY OUTLET	1	NEW	115	1		16.0		DIR.		EC TO FURNISH AND INSTALL A D.O. MOUNTED ON THE WALL BEHIND THE COIL. RECEPTACLE TO BE GFI STYLE IN A WEATHER-PROOF OUTDOOR ENCLOSURE.														
	F) AIR CURTAIN	1	NEW	115	1	0.32	3.4	0.2	DIR.																
3	WALK-IN FREEZER	1	NEW																						
	A) BOX	1	NEW	115	1		2.0		DIR.		EC TO CONNECT LIGHT SWITCH ASSEMBLY AND ONE LED LIGHT.														
	B) COIL	1	NEW	208	1		5.8		DIR.		EC TO WIRE FROM ROUGH-IN TO COIL CONNECTION POINT. EC TO CONNECT THE DRAIN LINE HEAT TAPE. TAPE IS FURNISHED AND INSTALLED BY THE FEC.	3B						1"			DRAINS TO CLEARWATER WASTE HUB DRAIN IN COPPER PIPE PER ALL LOCAL CODES. DRAIN TO BE TRAPPED OUTSIDE OF THE BOX.				
	C) CONDENSING UNIT	1	NEW	208	3		9.2	1.0	DIR.		EC TO WIRE FIVE 18 GA. 24V. WIRES FROM CONDENSING UNIT, TO THE EVAPORATOR COIL; AND FOUR 18 GA. 24V. WIRES FROM THE EVAPORATOR TO THE CONTROLLER BOX MOUNTED ON THE WALK-IN WALL. DO NOT WIRE IN CONDUIT WITH OTHER POWER SUPPLY. (25"L X 31"W X 28"H WEIGHT = 205 LBS)														
	D) ALARM	1	NEW	115	1		2.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT.														
	E) UTILITY OUTLET	1	NEW	115	1		16.0		DIR.		EC TO FURNISH AND INSTALL A D.O. MOUNTED ON THE WALL BEHIND THE COIL. RECEPTACLE TO BE GFI STYLE MOUNTED IN A WEATHER-PROOF OUTDOOR ENCLOSURE.														
8	DESK	1	BY OWNER	115	1		16.0		CORD	5-15P	EC TO FURNISH AND INSTALL ONE D.O. ON WALL AS SHOWN ON ROUGH-IN.														
	A) COMMUNICATION LINES	1	NEW								EC TO PROVIDE CONDUIT AND RECEPTACLES FOR COMMUNICATION LINES. VERIFY REQUIREMENTS / ROUTING WITH OWNER.														
9	EYE WASH	1	BY PC									9	1/2"				1 1/2"				PC RESPONSIBLE FOR EYE WASH AND CONNECTIONS.				
10	HAND SINKS WITH HANDS-FREE OPERATION	2	NEW								HYDRO-GENERATING FAUCET. MOUNT TRANSFORMER BETWEEN WATER SUPPLY LINES.	10	2 @ 1/2"	2 @ 1/2"			2 @ 1 1/2"								
14	FOUR COMPARTMENT SINKS	1	NEW									14	2 @ 3/4"		2 @ 3/4"		3 @ 2"				PC TO CONNECT TWO COMPARTMENTS ADJACENT TO DISPOSER SINK TO GREASE TRAP. SINK CAPACITY IS 30 GALLONS/COMPARTMENT.				
15	PRE-RINSE SPRAY ASSEMBLY	1	NEW									15	1/2"		1/2"										
16	DISPOSER	1	NEW	208	3		5.0	2.0	DIR.		EC TO CONNECT DISPOSER, SOLENOID AND CONTROL PANEL/SWITCH.	16	1/2"				2"				PC TO CONNECT DISPOSER, SOLENOID, VACUUM BREAKER AND FLOW CONTROL VALVE.				
17	UNDERCOUNTER DISHWASHER	1	NEW	208	3		23.9		DIR.			17	3/4"		3/4"	37.1		3/4"			UNIT PROVIDED WITH 3/4" FEMALE GARDEN HOSE FITTING AND 6' HOSE. PC TO PROVIDE 3/4" MALE HOSE CONNECTION AT ROUGH-IN WITH SHUT OFF VALVE AND LINE STRAINER. PC TO INCLUDE WATER HAMMER ARRESTER. SECURE DRAIN HOSE OVER 3" HUB DRAIN. PEAK DISCHARGE IS 4.0 GPM.				
18	MOP SINK AND CHEMICAL CLOSET	1	NEW									18	1/2"		1/2"		2"								
20	FOOD PREPARATION TABLE WITH SINKS	1	NEW	115	1		2 @ 16.0		DIR.		EC TO FURNISH AND INSTALL TWO G.F.I. D.O. ON WALL AS SHOWN ON ROUGH-IN.	20						2"			PC TO CONNECT OVERFLOW DRAIN TO HUB DRAIN FOR SINK WITHOUT DISPOSER.				
21	SPRAY AND FILL ASSEMBLY	1	NEW									21	3/4"	3/4"											
22	DISPOSER	1	NEW	208	3		5.0	2.0	DIR.		EC TO CONNECT DISPOSER, SOLENOID AND CONTROL PANEL/SWITCH.	22	1/2"				2"				PC TO CONNECT DISPOSER, SOLENOID, VACUUM BREAKER AND FLOW CONTROL VALVE.				
23	WORKTABLE	1	NEW	115	1		4 @ 16.0		DIR.		EC TO WIRE FROM ROUGH-IN TO FOUR OUTLETS MOUNTED ON TABLE BY THE FABRICATOR.														
26	EXHAUST HOOD	1	NEW	115	1		16.0		DIR.		POWER INDICATED IS FOR THE CAPTURE JET FAN AND HOOD LIGHTS ONLY. THE EXHAUST FAN ELECTRICAL IS DETERMINED BY OTHERS. LIGHT SWITCH IS PROVIDED BY EC. EC TO WIRE SWITCH IN FACTORY PROVIDED RECESSED J-BOX LOCATED ON THE FRONT OF THE HOOD.	26											1573	12" X 11"	0.25"	S.P. IS AT DUCT COLLAR.
27	FIRE SUPPRESSION SYSTEM	1	NEW	115	1		16.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT. EC TO INTERCONNECT SHUNT TRIP BREAKERS FOR ITEMS #29, 30 AND 31.	27									FEC TO FURNISH MECHANICAL SHUT-OFF VALVE TO PC FOR INSTALLATION.				
29	CONVECTION OVEN STACK	1	NEW	115	1		2 @ 7.7		CORD5		EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	29							100	3/4"	FEC TO FURNISH FLEX GAS HOSES AND GAS PRESSURE REGULATORS TO PC FOR INSTALLATION.				
30	RANGE WITH CONVECTION OVEN	1	NEW	115	1		4.0		CORD	5-15P	EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	30							215	3/4"	FEC TO FURNISH FLEX GAS HOSES AND GAS PRESSURE REGULATORS TO PC FOR INSTALLATION.				
31	GRIDDLE	1	NEW	115	1		1.0		CORD	5-15P	EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	31							81	3/4"	FEC TO FURNISH FLEX GAS HOSES AND GAS PRESSURE REGULATORS TO PC FOR INSTALLATION.				

209 south water street, milwaukee, wisconsin 53204 t 414 289 9778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
1970 main street, suite 309, sarasota, florida 34236 t 941 444 68
311 canyon wren dr, buda, tx 78610 t 737 525 09

Stewart Design Associates, Inc.
2041 RUTLEDGE ROAD, SUITE 26
MADISON, WISCONSIN 53713
PHONE: (608) 278-8504
www.sda-arch.com

pra PLUNKETT RAYSICH ARCHITECTS, LLP

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

FOODSERVICE MEP SCHEDULE

CONSTRUCTION SET

DATE: 08-19-22
JOB NO. 220040-01
SHEET NO: FS3

FOR REFERENCE ONLY

ROCK DEERING FCSI 704977 CERTIFIED PROFESSIONAL MEMBER FOODSERVICE CONSULTANTS SOCIETY INTERNATIONAL

DRAWN BY: Author 8/10/2022 9:31:32 AM

Hood information

Item #	Model	Length [in]	Material Exposed Unexposed	Weight of Hood	Exhaust Information						Supply Information					
					Total Exhaust [cfm]	S.P. ["H2O]	T.A.B. ["H2O]	Collars [in] Length	Width	Qty	Total Supply [cfm]	S.P. ["H2O]	Collars [in] Length	Width	Qty	Weight of Plenum
H1	KVE	126	18 GA. 304 S.S. 18 GA. 304 S.S.	945 lbs	1573	0.25	0.14	12	11	1						

Supply Devices

Item #	Type	Supply [cfm]	dpTot ["H2O]	Collar diam. [in]

Hood information

Item #	Filters Type	Qty	Size	Lighting Qty	Type	Fire suppression Size: 1 tanks Type	Location	Switch panel Type	Location	Continuous capture	Grease cup location
H1	KSA	6	Full KSA	4	LED	R-102	Hood	Lights & fan	Hood/Left		Right

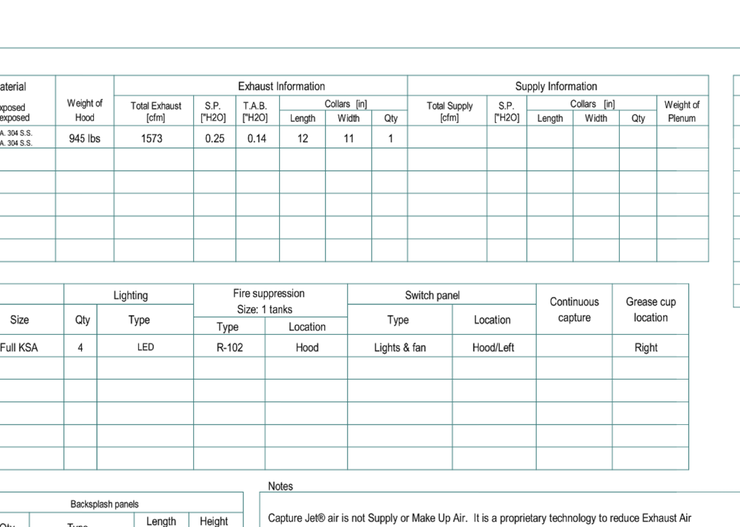
Hood information

Item #	Ceiling closure panels Height [in]	Qty	Backsplash panels Qty	Type	Length [in]	Height [in]
H1	18	2				

Notes

Capture Jet® air is not Supply or Make Up Air. It is a proprietary technology to reduce Exhaust Air

THIS SHOP DRAWING IS FOR REFERENCE ONLY AND NOT FOR CONSTRUCTION.

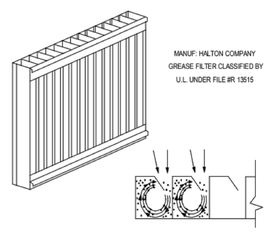


H1

All dimensions in inches

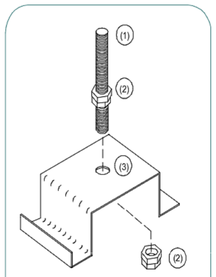
PRELIMINARY DRAWING, NOT TO SCALE

KSA GREASE EXTRACTOR



MANUF: HALTON COMPANY
GREASE FILTER CLASSIFIED BY
U.L. UNDER FILE #R 13515

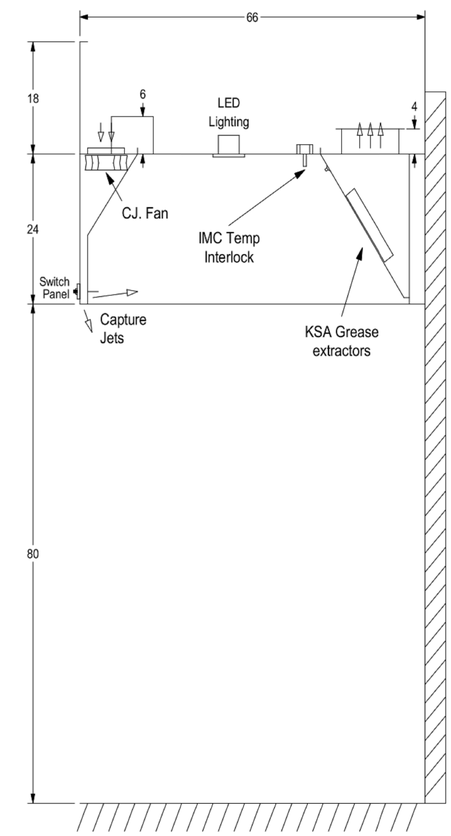
EFFECTIVE AREA = 1.25 SQUARE FEET PER FULL FILTER
0.75 SQUARE FEET PER HALF FILTER



(1) 1/2" ALL THREAD "BY OTHERS"
(2) 1/2" NUT "BY OTHERS"
(3) HANGER BRACKET

NOTE:
STRUCTURAL ENGINEER TO VERIFY LOCAL REQUIREMENTS.
HANGING REQUIREMENTS ARE THE RESPONSIBILITY OF INSTALLING CONTRACTOR. LOCAL CODES MUST BE FOLLOWED.

H1



PRELIMINARY DRAWING, NOT TO SCALE

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY:
PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS AND CLEARANCES.
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.
NOTE: CLEARANCES FOR COOKING EQUIPMENT SUCH AS UNSHIELDED ENERGY INPUTS OR EQUIPMENT POSITIONED NEAR A FIRE EXTINGUISHING SYSTEM MAY HAVE TO BE INCREASED OR ONE OR MORE OF THESE POSITIONS MAY HAVE TO BE ELIMINATED.
REVISE AND RESUBMIT
APPROVED FOR FABRICATION
WITH NO CHANGES
WITH CHANGES AS NOTED
APPROVED BY
DATE

ASHRAE 90.1 Compliant

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:
HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-8900 FAX 624-8951

WEBSITE: WWW.HALTONCOMPANY.COM
HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-3900

REV.	BY	DATE	REVISION DESCRIPTION
1			
2			
3			
4			
5			
6			
7			

PROJECT: Watertown Community Health
LOCATION:
DRAWN BY: EM
DATE: 6/1/2022
SCALE:
CONSULTANT:
DRAWING TITLE:
DRAWING No.:
REV. NO.:
SHEET NO.: of

Stewart Design Associates Inc.
2041 FAIRFIELD AVENUE, SUITE 202
MADISON, WISCONSIN 53593
PHONE: (608) 219-8504
www.stewartdesign.com

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 8700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

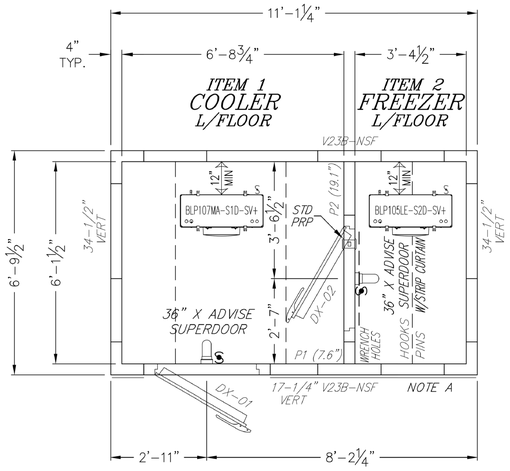
FOR REFERENCE ONLY

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

EXHAUST HOOD SHOP DRAWING

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FS3

DRAWN BY: Author 8/10/2022 9:31:34 AM



— PLAN VIEW A —

SCALE: 1/2" = 1' – 0"

NOTE

ALL LESS FLOOR FREEZER APPLICATIONS REQUIRE AN INSULATED CONCRETE PAD BY GENERAL CONTRACTOR FOR PROPER PERFORMANCE OF WALK–IN.

THIS SHOP DRAWING IS FOR REFERENCE ONLY AND NOT FOR CONSTRUCTION.

NOTE

SMARTVAP+ REFRIGERATION REQUIRES TWO SEPARATE POWER SOURCES; ONE TO THE CONDENSING UNIT AND ONE TO THE SMARTVAP+ EVAPORATOR.

SPECIFICATIONS

11'–1 1/4" X 6'–9 1/2" X 9'–2"

INSTALLATION

- INDOOR
- LOADING HEIGHT – AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETWEEN TOP OF PRODUCT AND CEILING PANELS

INSULATION

- POURED IN–PLACE POLYURETHANE FOAM
- BALLY PANELS AND DOORS ARE CERTIFIED COMPLIANT WITH CURRENT FEDERAL DOE REGULATIONS FOR WALK IN COOLERS & FREEZERS
- BALLY PANELS AND DOORS EXCEED MINIMUM R–VALUES* FOR COOLERS (MINIMUM R–25, EXCLUDING FLOORS), AND FREEZERS (MIN. R–32, EXCEPT FLOORS, WHICH ARE MIN. R–28) *WHEN TESTED PER ASTM C518 TC FEDERAL REG. 431.304

EXTERIOR FINISH

- STUCCO ALUMINUM AS SHOWN
- EMBOSSED GALVALUME' REMAINDER

INTERIOR FINISH

- SMOOTH WHITE ALUMINUM CEILING
- STUCCO ALUMINUM REMAINDER

DOORS/ACCESSORIES

- (2) 36" X ADVISE LEFT SWING HINGED WALK–IN DOOR
  - CONDUIT TO TOP OF PANEL
  - SUPERDOOR: 3RD HINGE, DT INT. & EXT 36"H
  - PRP
  - STRIP CURTAIN (DX–02)
  - MODULARM 75LC MULTI–MONITOR W/MAGNETIC CONTACTS, PANIC BUTTON
  - 1/2" PLYWOOD REINFORCEMENT FOR MOUNTING AIR CURTAIN (DX–01)

REFRIGERATION – BY BALLY (CONDENSING UNIT MOUNTED OUTDOORS)

QTY	H/P	RFGT TYPE	MODEL NUMBER	POWER SUPPLY	COMPRESSOR FLA	COMPRESSOR LRA	FAN MTRS QTY.	FAN MTRS HP	FAN MTRS FLA	TOTAL WATTS DEFROST	AMPS	MCA	MAX FUSE	CMPT
1	0.7	R448A	BEZA007-H8-H130B	208–230/3/60	4.8	37.8	1		1.0		5.8	7	15	C
1			BLP107MA-S1D-SV+	115/1/60			1	1/15	1.0		1.0	1.3	15	C
1	1.0	R448A	BEZA010-L8-H130B	208–230/3/60	6.6	55.4	1		1.0		7.6	9.2	15	F
1			BLP105LE-S2D-SV+	208–230/1/60			1	1/15	0.6	1060	4.6	5.8	15	F

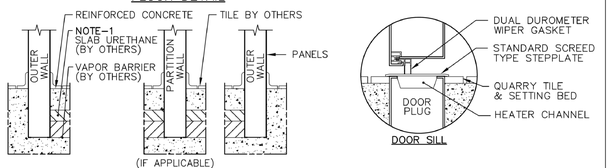
- ALL CONDENSATION DRAIN LINES MUST BE SLOPED AT LEAST 1:12. +" = 12" INSTALLATION
- FREEZER CONDENSATION DRAIN LINES MUST BE HEATED, INSULATED AND TRAPPED INDIVIDUALLY. BY OTHERS
- ALL SPECIFICATIONS LISTED ABOVE ARE FOR SINGLE UNITS ONLY.

– (2) HEATED & INSULATED RECEIVERS FOR CONDENSING UNITS

GENERAL NOTES

- NOTE: BALLY TO FURNISH S/S 2" X 4" X 2" U–CHANNEL FOR VERTICAL PANEL BASE ATTACHMENT.
- NOTE: BALLY TO FURNISH ST CLOSURE TRIM. PLEASE ADVISE SIZE AND QUANTITY. ALL FASTENERS AND INSTALLATION BY OTHERS.
- NOTE: BALLY TO FURNISH (1) KEIL 48" LED LIGHT. LIGHT SHIPPED LOOSE AND MOUNTED AND WIRED BY OTHERS. (LIGHT SWITCH (12) AMPS MAX).
- NOTE A: BALLY TO FURNISH 1/8" ALUMINUM DIAMOND TREAD 36"H WAINSCOT TO COVER EXTERIOR WALL AS SHOWN.
- NOTE: DX–01 DOOR PANEL IS PROVIDED WITH AN EXTERIOR ALARM COMMUNICATING TO COMPONENTS INSTALLED ON AN INTERIOR DOOR. CUSTOMER MUST INSTALL WIRING FOR COMMUNICATION BETWEEN THE ALARM AND INTERIOR DOOR. BALLY ATTACHES MANUFACTURER MANUAL AND SITE SPECIFIC DRAWINGS TO THE DOORS INVOLVED FOR REFERENCE.
- NOTE: BALLY TO FURNISH (1) BERNER CLC08 WHITE AIR CURTAIN SHIPPED LOOSE AND INSTALLED BY OTHERS.

FLOOR DETAIL



NOTE–1: SLAB URETHANE SHEETS (STAGGER ALL JOINTS):
[33°F. & ABOVE] WHEN REQUIRED: INSTALL DESIGN RECOMMENDED INSULATION.
[32°F. & BELOW] INSTALL MULTIPLE LAYERS WITH VAPOR BARRIER.

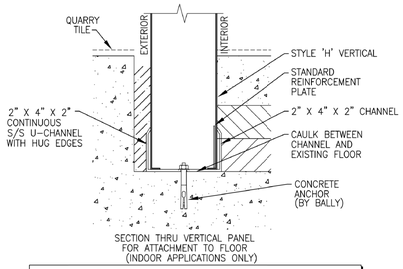
R–VALUE OF SLAB INSULATION TYPES WILL VARY.
FOR FREEZERS [32°F. & BELOW]; AN INSULATION THICKNESS EQUAL TO (OR GREATER THAN) R28 WILL BE REQUIRED.
IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO MEET THE REQUIREMENTS FOR THE FEDERAL ENERGY CODE SPECIFICALLY "EISA 2007".

NOTE: IF UNDER SLAB DRAINAGE, HEAT, OR VENTILATION IS REQUIRED DO NOT FOLLOW THESE DETAILS.

NOTE: IF THIS IS NOT THE GROUND FLOOR, ENGINEERING SHOULD REVIEW FOR POSSIBLE CONDENSATION PROBLEMS.

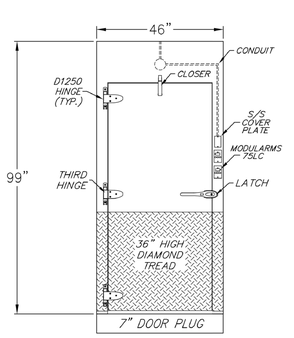
NOTE: BALLY TO FURNISH THE PREFAB SECTIONAL WALK–IN COOLER OR FREEZER ONLY (UNLESS OTHERWISE SPECIFIED). THIS INCLUDES WALLS AND CEILING PANELS.

NOTE: THESE DRAWINGS ARE INTENDED TO SERVE AS GUIDE LINE DRAWINGS ONLY. THEY ARE NOT INTENDED TO BE CONSTRUCTION DRAWINGS AS CONDITIONS MAY VARY WIDELY. DIMENSIONAL AND MATERIAL DESIGN TO BE DETERMINED BY PROJECT CONSTRUCTION ENGINEER.

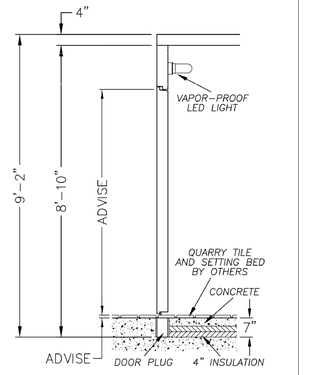


SECTION THRU VERTICAL PANEL FOR ATTACHMENT TO FLOOR (INDOOR APPLICATIONS ONLY)

BALLY TO FURNISH 2" X 4" X 2" CHANNEL AROUND PERIMETER OF WALK–IN.

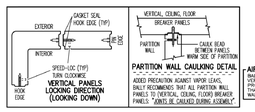


36" X ADVISE SUPERDOOR
DX–01



— SECTION VIEW — THRU ENTRANCE DOOR

SCALE: 1/2" = 1' – 0"



AIR GAP/CIRCULATION RECOMMENDATION
BALLY RECOMMENDS A 2"–GAP BETWEEN WALK–IN PANELS AND EXISTING WALLS FOR AIR CIRCULATION PROPER AIR CIRCULATION IT IS ALSO RECOMMENDED THAT AIR EXCHANGE/CIRCULATION BE PROVIDED FOR WALK–INS THAT ARE WITHIN AN ENCLOSED AREA.

S – ELECTRICAL CONNECTION

THIS DRAWING IS TO BE USED FOR "APPROVAL ONLY".

–> DO NOT USE THIS DRAWING FOR INSTALLATION!

EVERY SHIPPED ORDER WILL HAVE A FINALIZED "AS–BUILT" DRAWING.

RESTRICTED, CONFIDENTIAL DOCUMENT.

THIS DRAWING AND ALL INFORMATION SHOWN HEREON ARE THE EXCLUSIVE PROPERTY OF BALLY REFRIGERATED BOXES INC., AND ARE SUBMITTED ONLY ON A CONFIDENTIAL BASIS. THE RECIPIENT AGREES NOT TO REPRODUCE THE DRAWING, TO RETURN IT UPON REQUEST, AND THAT NO DISCLOSURE OF THE DRAWING OR THE INFORMATION SHOWN HEREON WILL BE MADE TO A THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT FROM BALLY REFRIGERATED BOXES INC.

SIGNED APPROVAL

SIGNED _____

DATE _____

PLEASE READ

THIS DRAWING HAS BEEN CAREFULLY CHECKED BY OUR DRAFTING DEPARTMENT. HOWEVER, ERRORS OF INTERPRETATION CAN OCCUR. THEREFORE, BEFORE YOU RETURN DRAWING MARKED "APPROVED", BE CERTAIN THAT YOU CHECK THEM CAREFULLY.

NOTE – THIS ORDER WILL NOT BE SCHEDULED FOR PRODUCTION UNTIL RECEIPT OF APPROVED DRAWINGS BY BALLY.

IMPORTANT – PLEASE READ

THESE DRAWINGS ARE NOT TO BE CONSIDERED AS APPROVED BY LOCAL OR STATE BUILDING AUTHORITIES.

THEY HAVE BEEN PREPARED SOLELY FOR THE GUIDANCE OF REGISTERED ARCHITECTS AND ENGINEERS AND FOR THE ASSISTANCE OF LOCAL INSTALLERS. IT IS THE RESPONSIBILITY OF THE PROJECT ARCHITECT OR ENGINEER TO ASSURE THE BUILDING DESIGN MEETS LOCAL CODE REQUIREMENTS. THIS INCLUDES STRUCTURAL DESIGN AS WELL AS ANY WORK PERFORMED BY THE GENERAL CONTRACTOR. BALLY REFRIGERATED BOXES INC., IN PREPARING THESE DRAWINGS AND SPECIFICATIONS, DOES NOT ASSUME ANY RESPONSIBILITY FOR THE SUCCESSFUL COMPLETION OR USAGE OF THE STRUCTURE DESCRIBED.

THE DRAWINGS AND SPECIFICATIONS DESCRIBE A BUILDING ASSEMBLED FROM BALLY PANELS INSULATED WITH URETHANE, "FOAMED–IN–PLACE". THE SIZE AND SHAPE IS THAT WHICH MOST CLEARLY MEETS DIMENSIONS SUBMITTED BY THE USER.

BALLY REFRIGERATED BOXES INC., PROVIDES PANELS FREQUENTLY SPECIFIED BY OTHERS, AND IS NOT RESPONSIBLE FOR THE SELECTION OR RECOMMENDATION BY OTHERS OF THE PANEL FINISH FOR ANY BUILDING OR WALK–IN APPLICATION.

REV	DESCRIPTION	BY	DATE
1	REVISED BOX LENGTH; REMOVED DOOR WINDOWS	MNF	06/23/22

BALLY REFRIGERATED BOXES INC.

BALLY (NC OFFICE): 135 LITTLE NINE DRIVE MOORESVILLE CITY, NC 28557 PHONE: (252) 240–2629 FAX: (252) 240–5004

BALLY (PA OFFICE): 30 NORTH FRONT ST. (SUITE B) BALLY, PA 19503 PHONE: (610) 702–2210 FAX: (610) 702–2211

FOR WATERTOWN COMMUNITY HEALTH

DRAWING NUMBER	222528AD	DATE	06/20/22
DRAWN BY	MNF	ORDER NUMBER	222528
LBL'D BY	DATE LBL'D	CHK'D BY	

Stewart Design Associates Inc.
2041 EAST WASHINGTON AVE. SUITE 2E
MADISON, WISCONSIN 53703
PHONE: (608) 218-8504
www.stewartdesign.com

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 359 3060
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr, buda, tx 78610 t 737 525 09

GWCHF
WATERTOWN COMMUNITY COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

WALK–IN SHOP DRAWING

CONSTRUCTION SET

DATE: 08-19-22

JOB NO. 220040-01

SHEET NO: FS4

FOR REFERENCE ONLY

DRAWN BY: Author 8/10/2022 9:31:37 AM

► BUILDING CODES

- DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 2018 WISCONSIN COMMERCIAL BUILDING CODE (BASED ON IBC 2015) AS CONTAINED IN CHAPTERS SPS 361, SPS 362 and SPS 366 OF THE WISCONSIN ADMINISTRATIVE CODE.

RISK CATEGORY	II

► DESIGN LOADS AND DATA

- SUPERIMPOSED LOADS (STRUCTURE SELF WEIGHT NOT INCLUDED)

TYPICAL FLOOR	
SUPERIMPOSED DEAD*	22 PSF
SUPERIMPOSED LIVE	75 PSF
LOBBY / ATRIUM	
SUPERIMPOSED DEAD*	22 PSF
SUPERIMPOSED LIVE	100 PSF

*: INCLUDES 10 PSF ADDITIONAL CONCRETE WEIGHT TO ACCOUNT FOR COMPENSATION OF STRUCTURAL FRAMING DEFLECTION.

- SNOW LOADS

GROUND SNOW (p_g)	30 PSF
SNOW DENSITY (0.13 x p_g + 14 < 30)	17.9 PCF
ROOF EXPOSURE	PARTIALLY EXPOSED
EXPOSURE FACTOR (C_e)	1.0
THERMAL FACTOR - BUILDING (C_t)	1.0
THERMAL FACTOR - CANOPY, MANSARDS (C_t)	1.2
SNOW IMPORTANCE FACTOR (I_s)	1.0
FLAT ROOF SNOW LOAD (p_f = 0.7 C_e C_t I_s p_g)	21 PSF
DRIFT LOAD	PER ASCE 7-10

► MATERIAL STRENGTHS AND STANDARDS

THE MATERIAL STRENGTHS AND STANDARDS LISTED HERE REPRESENT A SELECTED SUMMARY OF THE REQUIREMENTS NOTED IN THE SPECIFICATIONS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE SPECIFICATIONS, THESE NOTES SHALL GOVERN.

- SOILS

DESIGN SOIL BEARING CAPACITY FOR SPREAD/STRIP FOOTINGS	3,000 PSF

- CONCRETE (28 DAY STRENGTH)

FOOTINGS, DRILLED PIERS, STEEL PILE FILL	f'_c = 3,000 PSI
FOUNDATION WALLS, INTEGRAL PIERS	f'_c = 4,000 PSI
CONCRETE SLAB ON METAL DECK	f'_c = 4,000 PSI
INTERIOR SLAB-ON-GRADE	f'_c = 4,000 PSI
EXTERIOR SLAB-ON-GRADE	f'_c = 4,500 PSI

- REINFORCING STEEL

WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS ONLY (ASTM A185)	F_y = 65,000 PSI
DEFORMED BARS (ASTM A615, GRADE 60)	F_y = 60,000 PSI

- MASONRY

CONCRETE MASONRY ASSEMBLY (RUNNING (STACK) BOND)	f'_m = 2,500 PSI
CMU (ASTM C90 - NORMALWEIGHT (LIGHTWEIGHT))	3,250 PSI
MORTAR (ASTM C270)	TYPE S
GROUT (ASTM C476)	f'_c = 3,000 PSI
ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI

- STRUCTURAL STEEL (SHAPES)

W, WT SECTIONS, CHANNELS (ASTM A992)	F_y = 50,000 PSI; F_u = 65,000 PSI
HP SECTIONS(ASTM A572, GRADE 50)	F_y = 50,000 PSI; F_u = 65,000 PSI
M, MT, S, ST SECTIONS, ANGLES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
HSS SHAPES – SQUARE/RECTANGULAR (ASTM A500, GRADE C)	F_y = 50,000 PSI; F_u = 62,000 PSI
HSS SHAPES – ROUND (ASTM A500, GRADE C)	F_y = 46,000 PSI; F_u = 62,000 PSI
STEEL PIPE (ASTM A53, GRADE B)	F_y = 35,000 PSI; F_u = 60,000 PSI
PLATES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
PLATES (ASTM A572, GR. 50)	F_y = 50,000 PSI; F_u = 65,000 PSI

- STRUCTURAL STEEL (CONNECTIONS)

ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI; F_u = 58,000 PSI
HIGH STRENGTH BOLTS (F3125)	GR. A325 UNLESS NOTED ON DRAWINGS
TENSION CONTROL BOLTS (F3125)	GR. F1852 UNLESS NOTED ON DRAWINGS
WELDING ELECTRODES	E70XX
SHEAR CONNECTORS (ASTM A29, GRADE 1010 THROUGH 1020; AWS TYPE B)	F_y = 51,000 PSI; F_u = 65,000 PSI
CONCRETE ANCHORS (ASTM A29, GRADE 1010 THROUGH 1020; AWS TYPE B)	F_y = 51,000 PSI; F_u = 65,000 PSI
DEFORMED BAR ANCHORS (ASTM A496; AWS TYPE C)	F_y = 70,000 PSI; F_u = 80,000 PSI
THREADED RODS (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
GROUT (ASTM C1107)	f'_c = 5,000 PSI

- COLD-FORMED METAL FRAMING

COLD-FORMED MATERIAL - 18 GAUGE AND THINNER (ASTM A653, GRADE 33)	F_y = 33,000 PSI
COLD-FORMED MATERIAL - 16 GAUGE AND THICKER (ASTM A653, GRADE 50)	F_y = 50,000 PSI
ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI; F_u = 58,000 PSI
CONNECTOR PLATES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
CONNECTOR BOLTS (ASTM A307, GRADE A)	F_u = 60,000 PSI
WELDING ELECTRODES	E60XX
GALVANIZING THICKNESS	G60

► GENERAL NOTES

- EXISTING CONDITIONS

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THE STRUCTURAL DRAWINGS REPRESENTS THE ACTUAL EXISTING FIELD CONDITION TO THE BEST OF OUR KNOWLEDGE. R.A. SMITH, INC. MAKES NO WARRANTY, AS TO THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS, DIMENSIONS AND BUILDING CONDITIONS AFFECTING THE WORK BY DIRECT SURVEY AND MEASUREMENT PRIOR TO THE PREPARATION OF SHOP DRAWINGS, FABRICATION, ERECTION OR CONSTRUCTION OF ANY ITEM IMPACTED BY EXISTING CONDITIONS. REPORT DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS FOR REVIEW. ANY WORK PERFORMED PRIOR TO THE RESOLUTION OF THE DISCREPANCIES IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

EXISTING STRUCTURE TO REMAIN IS SHOWN WITH LIGHT GRAY LINES. EXISTING STRUCTURE TO BE REMOVED IS NOT GENERALLY SHOWN ON STRUCTURAL DRAWINGS - SEE ARCHITECTURAL DRAWINGS FOR DEMOLITION INFORMATION.

ALL EXISTING STRUCTURE TO REMAIN TO BE SUPPORTED BY NEW CONSTRUCTION SHALL BE SHORED UNTIL NEW CONSTRUCTION IS IN PLACE, COMPLETED, AND CAPABLE OF SUPPORTING THE EXISTING STRUCTURE. EXISTING STRUCTURE TO REMAIN THAT IS AFFECTED, BUT NOT SUPPORTED, BY NEW CONSTRUCTION SHALL BE SHORED UNTIL IT IS NO LONGER AFFECTED BY CONSTRUCTION ACTIVITIES.

EXISTING CONSTRUCTION SHALL NOT BE USED AS A MATERIAL STAGING AREA FOR NEW CONSTRUCTION, AND SHALL NOT BE USED TO PROVIDE TEMPORARY BRACING FOR NEW CONSTRUCTION.

- CONSTRUCTION

UNLESS SPECIFICALLY NOTED OTHERWISE, BUILDING STRUCTURE HAS BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION ONLY, AND HAS NOT BEEN ANALYZED, INVESTIGATED OR DESIGNED FOR OVERALL STRUCTURE, OR INDIVIDUAL MEMBER, STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING AND SUPPORTS FOR ALL STRUCTURAL ELEMENTS, BOTH INDIVIDUALLY AND COLLECTIVELY, AS REQUIRED AT EVERY STAGE OF CONSTRUCTION UNTIL THE FINAL COMPLETION OF THE STRUCTURE. NO PORTION OF THE BUILDING STRUCTURE, WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTORS TEMPORARY BRACES AND SUPPORTS, WHICH SHALL ADDITIONALLY PROVIDE SUPPORT FOR ALL CONSTRUCTION LOADING. MATERIALS AND EQUIPMENT SHALL BE STORED, TRANSPORTED AND INSTALLED IN A MANNER THAT WILL NOT EXCEED THE DESIGN FLOOR LOADING.

CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY BRACING, SUPPORTS, SHORING, FORMING TO SUPPORT IMPOSED CONSTRUCTION LOADS, AND OTHER SIMILAR ITEMS.

STRUCTURAL DOCUMENTS MAY REFER TO OSHA REQUIREMENTS. SUCH REFERENCES ARE INCIDENTAL, AND ARE NOT INTENDED TO IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS.

- COMPLETENESS

INFORMATION CONTAINED IN THE GENERAL NOTES IS ONLY A PARTIAL SUMMARY OF PROJECT REQUIREMENTS. SEE SPECIFICATIONS, PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS.

ALL STRUCTURAL CONTRACT DOCUMENTS INCLUDED ARE EQUALLY APPLICABLE TO THE IMPORTANCE OF THE DEFINITION OF STRUCTURAL REQUIREMENTS. ALL DRAWINGS MUST BE REVIEWED AND COMPARED PRIOR TO BIDDING AND CONSTRUCTION. IF ANY DISCREPANCIES OR CONFLICTS ARE IDENTIFIED REPORT TO THE ARCHITECT/ENGINEER FOR CLARIFICATION.

USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT MANUALLY SCALE THE DRAWINGS OR USE ANY DIMENSIONS MEASURED FROM ELECTRONIC DRAWING FILES.

UNLESS NOTED OTHERWISE, CENTERLINE OF FLOOR FRAMING ELEMENTS COINCIDES WITH COLUMN CENTERLINES, AND FRAMING ELEMENTS ARE EQUALLY SPACED BETWEEN ADJACENT COLUMN CENTERLINES.

MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED ON THE STRUCTURAL DRAWINGS - SMALLER OPENINGS AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BUILDING SERVICES MAY NOT BE NOTED. CONTRACTOR TO VERIFY THE SIZE AND LOCATION OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING OPENINGS, INCLUDING CLEARANCE REQUIREMENTS CONTAINED IN THE RESPECTIVE DISCIPLINE DOCUMENTS FOR INSTALLATION AND IN-PLACE OPERATION OF THE RESPECTIVE EQUIPMENT OR ITEMS.

CONSULT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND MANUFACTURERS SPEC SHEETS FOR LOCATIONS AND DIMENSIONS OF PADS, CURBS, EQUIPMENT SUPPORTS, DEPRESSIONS, INSERTS, DRIPS, REGLETS, REVEALS, FINISHES AND OTHER MISCELLANEOUS PROJECT REQUIREMENTS THAT NECESSITATE INCIDENTAL ACCOMMODATION BY THE BUILDING STRUCTURE BUT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.

AD01

DEFERRED SUBMITTALS: IBC SECTION 107.3.4.1 REQUIRES DEFERRED SUBMITTALS TO BE APPROVED BY THE BUILDING OFFICIAL. DEFERRED SUBMITTALS SHALL BE REVIEWED BY DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AFFIXING A NOTATION THAT THE DEFERRED ITEMS ARE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING, SUBMITTED FOR REVIEW BY THE BUILDING OFFICIAL AND SHALL NOT BE INSTALLED UNTIL APPROVED BY THE BUILDING OFFICIAL. DEFERRED SUBMITTALS ON THIS PROJECT INCLUDE:
- COLD FORMED METAL FRAMING (CFMF)
- HELICAL PILES

- GENERAL

THE STRUCTURE HAS BEEN DESIGNED AS UNRESTRAINED FOR THE PURPOSE OF FIRE RATING AND FIREPROOFING ASSEMBLY EVALUATIONS.

STRUCTURAL COMPONENTS HAVE NOT BEEN DESIGNED FOR VIBRATORY EQUIPMENT UNLESS NOTED OTHERWISE. PLACE VIBRATORY EQUIPMENT AND EQUIPMENT SENSITIVE TO VIBRATIONS ON VIBRATION ISOLATORS SPECIFICALLY DESIGNED FOR THE EQUIPMENT.

ALL SYSTEMS, INCLUDING EXTERIOR FACADES AND FRAMING, WHICH ARE DESIGNED AND DETAILED BY COMPONENT SUPPLIERS, ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURE WITHOUT CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. COMPONENT SUPPLIERS ARE RESPONSIBLE FOR DESIGNING, FURNISHING AND INSTALLING SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT THEIR SYSTEMS FROM CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. WHERE PROVIDED, SUPPLEMENTARY BRACING SHALL NOT INTERFERE WITH ANY BUILDING SYSTEM NOTED OR DESCRIBED IN THE CONTRACT DOCUMENTS.

UNDER NO CIRCUMSTANCES MAY ANY STRUCTURAL ELEMENT BE PENETRATED, CUT, NOTCHED, BLOCKED-OUT, SLEEVED, CORE DRILLED, OR OTHERWISE FIELD MODIFIED OR REDUCED IN STRENGTH AFTER DELIVERY TO THE CONSTRUCTION SITE OR FINAL INCORPORATION IN THE BUILDING STRUCTURE UNLESS SUCH MODIFICATION IS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, OR IS APPROVED IN ADVANCE IN WRITING BY THE ENGINEER OF RECORD.

EXCEPT AS NOTED BELOW, ALL FUTURE EXPANSION IS ASSUMED TO BE COMPLETELY SELF SUPPORTING FOR BOTH GRAVITY AND LATERAL LOADS.

► SYSTEM NOTES

- FOUNDATIONS AND EARTHWORK

REMOVE EXISTING SURFICIAL TOP SOIL AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM OF TEN FEET BEYOND. EXCAVATE MATERIAL TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROOFROLL WITH A HEAVY RUBBER TIRED VEHICLE. SOILS WHICH HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND REPLACED WITH ENGINEERED FILL.

SUBGRADE PREPARATION FOR FOOTINGS SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING CAPACITY SOILS AT OR NEAR DESIGN FOOTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT NOMINAL BEARING DEPTH, SEE OVER EXCAVATION DETAIL.

ALL COMPACTION REQUIREMENTS REFER TO % OF MAXIMUM DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR. GRANULAR STRUCTURAL FILL BENEATH FOOTINGS SHALL BE PLACED IN LAYERS NO MORE THAN 8" THICK, AND EACH LAYER SHALL BE COMPACTED TO 95%. COHESIVE FILL APPROVED BY THE GEOTECHNICAL CONSULTANT SHALL BE PLACED IN LAYERS NO THICKER THAN 8", AND EACH LAYER SHALL BE COMPACTED TO 95%. MOISTURE CONDITION FILL MATERIALS AS REQUIRED TO OBTAIN PROPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A SIGNIFICANT PERCENT OF COHESIVE FINES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE CONTENT AT COMPACTION.

ALL ACTIVITIES CONCERNING PREPARATION AND VERIFICATION OF BEARING SOILS FOR SLAB-ON-GRADE AND FOOTINGS SHALL BE SUPERVISED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER.

COLUMNS, PIERS, AND SPREAD FOOTINGS ARE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE. CONTINUOUS FOOTINGS ARE CENTERED ON WALLS ABOVE UNLESS NOTED OTHERWISE.

BACKFILL UNIFORMLY ON EACH SIDE OF FOUNDATION WALLS, GRADE BEAMS AND OTHER SIMILAR ELEMENTS. DO NOT BACKFILL AGAINST ANY STRUCTURAL ELEMENT UNTIL THAT ELEMENT HAS ATTAINED FULL DESIGN STRENGTH. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL TOP AND BOTTOM OF WALL IS BRACED BY FLOOR FRAMING AND SLAB-ON-GRADE UNLESS NOTED OTHERWISE ON THE DRAWINGS.

TOP OF FOOTING ELEVATION NOTED ON DRAWINGS REPRESENT CONSIDERED ENGINEERING JUDGMENT BY THE ENGINEER OF RECORD ABOUT PROTECTION FROM FROST AND MINIMUM DEPTH TO SOILS CAPABLE OF PROVIDING DESIGN SOIL BEARING CAPACITY. UNCERTAINTIES INHERENT IN DETERMINING THE ELEVATION OF SOILS ADEQUATE TO PROVIDE DESIGN BEARING CAPACITY MAY REQUIRE FOUNDATIONS TO BE LOWERED – IN NO CASE SHALL TOP OF FOOTING BE HIGHER THAN NOTED. A GEOTECHNICAL ENGINEER SHALL VERIFY THAT SOIL AT THE FOOTING BASE IS ADEQUATE TO PROVIDE THE REQUIRED DESIGN SOIL BEARING CAPACITY.

- CAST-IN-PLACE CONCRETE

DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ACI 318–14 USING STRENGTH DESIGN METHODOLOGY, EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.

REINFORCING CLEAR COVER SHALL BE AS NOTED BELOW UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
#3 - #5 BARS	1 1/2"
#6 - #18 BARS	2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
WALLS - #3 THRU #11 BARS	3/4"
WALLS - #14 THRU #18 BARS	1 1/2"
STRUCTURAL SLABS - TOP, BOTTOM	1"
JOIST TIES AND MAIN REINFORCING - TOP, BOTTOM , SIDES	1 1/2"
BEAM TIES - TOP, BOTTOM, SIDES	1 1/2"
BEAM MAIN REINFORCING - TOP, BOTTOM, SIDES	2"
COLUMN TIES	1 1/2"
COLUMN MAIN REINFORCING	2"

PROVIDE (2) #5 BARS AROUND ALL OPENINGS AND (2) #5 DIAGONAL BARS AT ALL OPENING AND RE-ENTRANT CORNERS. BARS SHALL EXTEND A MINIMUM OF 24" PAST OPENING.

ALL BAR SPLICES SHALL BE CONTACT LAP SPLICED USING CLASS B TENSION LAP LENGTHS, WITH ADJACENT LAPS STAGGERED A MINIMUM OF 3'-0" UNLESS DETAILED OTHERWISE. SEE REINFORCEMENT TABLES FOR REQUIRED LAP AND DEVELOPMENT LENGTHS.

FIELD WELDING OF ASTM A615 REINFORCING STEEL IS NOT PERMITTED. FIELD BENDING OF REINFORCING STEEL IS NOT PERMITTED EXCEPT WHERE SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS.

CORING OF COLUMNS, WALLS, BEAMS, JOISTS AND SLABS IS NOT PERMITTED. PROVIDE STEEL SLEEVES FOR ALL PENETRATIONS AT ALL LOCATIONS APPROVED BY THE ENGINEER OF RECORD PRIOR TO PLACING CONCRETE.

- CONCRETE MASONRY

DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF TMS 402-13 AND TMS 602-13 EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.

UNLESS NOTED OTHERWISE PROVIDE CONTINUOUS LADDER TYPE REINFORCEMENT WITH W1.7 (9 GAUGE) SIDE AND CROSS RODS AT 16" OC VERTICALLY IN ALL WALLS AND PIERS, AND AT 8" OC VERTICALLY AT PARAPETS. WHERE VERTICAL BARS ARE REQUIRED, CONSTRUCT CMU WALL TO PROVIDE A CONTINUOUS UNOBSTRUCTED CELL FROM BOTTOM TO TOP OF BAR. CELL CONTAINING A SINGLE BAR SHALL NOT BE LESS THAN 3" X 4" IN PLAN AREA.

PORTIONS OF CMU CONSTRUCTION REQUIRING STRUCTURAL FILL SHALL USE GROUT ONLY. USE OF CONCRETE FILL IN CMU CONSTRUCTION IS NOT PERMITTED. WHERE CLEARANCES AND CONGESTION PERMIT, USE COARSE GROUT WITH PEA GRAVEL AGGREGATE; OTHERWISE USE FINE GROUT.

REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL VERTICAL CONTROL JOINTS IN EXTERIOR WYTHES OF EXTERIOR WALLS, AND IN ALL INTERIOR PARTITION WALLS.

WHERE BOND BEAMS INTERSECT AT WALL CORNERS AT DIFFERENT ELEVATIONS, RUN EACH BOND BEAM AROUND THE CORNER FOR A MINIMUM OF TWO FULL BLOCK LENGTHS BEFORE TERMINATING. WHERE BOND BEAMS ADJOIN ON THE SAME WALL AT DIFFERENT ELEVATIONS, RUN BOND BEAMS PAST ONE ANOTHER A MINIMUM OF FOUR FULL BLOCK LENGTHS BEFORE TERMINATING.

- STRUCTURAL STEEL

DESIGN, DETAILING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360-10), THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (AISC 303-10), AND THE STEEL CONSTRUCTION MANUAL FOURTEENTH EDITION.

TYPICAL DETAILS INDICATE GENERAL CRITERIA FOR DESIGN AND DETAILING OF CONNECTIONS. THEY ARE NOT INTENDED TO CONVEY COMPLETE INFORMATION CONCERNING SIZE AND QUANTITY OF CONNECTORS, PLATES, ANGLES, WELDS AND SIMILAR ITEMS THAT ARE DEVELOPED THROUGH THE DESIGN OF AN INDIVIDUAL CONNECTION FOR A SPECIFIC SET OF LOADS AND COMBINATIONS. DETAILS THAT CONVEY SPECIFIC COMPONENT INFORMATION ESTABLISH MINIMUM REQUIREMENTS AND ARE NOT INTENDED TO CONVEY A COMPLETE DESIGN UNLESS NOTED.

UNLESS OTHERWISE NOTED, ALL STEEL TO STEEL FRAMING HAS BEEN SELECTED ASSUMING ATTACHMENTS FOR SHEAR ONLY, USING DOUBLE ANGLE OR DOUBLE BENT PLATE CONNECTIONS SHOP WELDED TO FRAMING MEMBER AND FIELD BOLTED TO SUPPORTING MEMBER WITH HIGH STRENGTH BOLTS IN BEARING. CONNECTIONS SHALL BE SYMMETRICAL ABOUT THE BEAM WEB. FABRICATORS PROPOSING TO USE ALTERNATIVE METHODS OF ATTACHMENT NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL SUBMIT ALTERNATIVE FOR CONSIDERATION DURING BIDDING, AND SHALL BEAR ALL COSTS ASSOCIATED WITH REVIEW, ENGINEERING REDESIGN, AND APPROVAL OF ALTERNATIVE CONNECTIONS.

SINGLE PLATE SHEAR TAB CONNECTIONS MAY BE USED IN LIEU OF DOUBLE ANGLE OR DOUBLE BENT PLATE CONNECTIONS WHERE SPECIFICALLY NOTED ON DRAWINGS, TO HSS OR PIPE COLUMNS, OR WHERE CONNECTION OF FRAMING MEMBER TO ONE SIDE OF A SUPPORT MEMBER IS MATCHED BY A SIMILAR CONNECTION ON THE OPPOSITE SIDE OF THE SAME SUPPORT MEMBER, AND WHERE BEAM SPANS DO NOT DIFFER BY MORE THAN 50% OF THE LARGER SPAN. SINGLE PLATE SHEAR TABS MAY NOT BE USED FOR CONNECTION OF FRAMING MEMBERS TO WIDE FLANGE COLUMNS OR TO SPANDREL (EDGE) SUPPORT MEMBERS UNLESS SPECIFICALLY DETAILED ON DRAWINGS.

FOR ALL SLOTTED HOLES, ANCHORS SHALL BE CENTERED IN SLOT UNLESS NOTED OTHERWISE.

CONNECTIONS FOR ALL STRUCTURAL STEEL BEAMS AND GIRDERS SHALL BE DESIGNED FOR THE REACTIONS SHOWN. REACTIONS SHOWN ON THE DRAWINGS WITHOUT INDIVIDUAL LOAD DESIGNATIONS HAVE BEEN COMBINED USING ALLOWABLE STRESS COMBINATIONS. IF NO REACTION IS SHOWN:
- NON-COMPOSITE BEAM AND GIRDER SHEAR CONNECTIONS SHALL BE DESIGNED FOR 50% OF THE TOTAL UNIFORM LOAD CAPACITY FOR THE GIVEN MEMBER SIZE, SPAN, AND GRADE OF STEEL.
- COMPOSITE BEAM AND GIRDER SHEAR CONNECTIONS SHALL BE DESIGNED FOR THE REACTION NOTED ABOVE MULTIPLIED BY THE APPROPRIATE FACTOR FROM THE TABLE BELOW

BEAM SIZE	MULTIPLIER	BEAM SIZE	MULTIPLIER	BEAM SIZE	MULTIPLIER
W8	2.0	W16	2.0	W27	1.2
W10	2.0	W18	1.8	W30	1.15
W12	2.0	W21	1.6	W33	1.10
W14	2.0	W24	1.4	W36	1.10

CONNECTIONS NOT SHOWN OR NOT COMPLETELY DETAILED ON THE DRAWINGS SHALL BE COMPLETED BY ONE OF THE FOLLOWING METHODS:
- STANDARD AISC FRAMED CONNECTIONS MEETING OTHER REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS MAY BE SELECTED OR COMPLETED BY AN EXPERIENCED STEEL DETAILER RETAINED BY THE FABRICATOR IN ACCORDANCE WITH AISC 303-10, PARAGRAPH 3.1.2.2 AND USING DESIGN CONCEPTS.

IN NO CASE SHALL A CONNECTING ELEMENT CONTAIN LESS THAN TWO HIGH STRENGTH BOLTS ON EACH CONNECTING SURFACE, OR UTILIZE LESS THAN 3/16" FILLET WELDS, OR BE LESS THAN T/2 IN DEPTH. IN NO CASE SHALL A CONNECTION BE DESIGNED FOR A SHEAR REACTION LESS THAN 12 KIPS (ALLOWABLE STRESS DESIGN)

DESIGN OF STAIRS, HANDRAILS, GUARDRAILS AND LADDERS SHALL BE BY THE STEEL SUPPLIER.

REFER TO ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STRUCTURAL STEEL NOT NOTED ON STRUCTURAL DRAWINGS.

PROVIDE HOLES IN BEAMS TO ACCOMMODATE WOOD CONNECTIONS TO STEEL.

- METAL DECKING

DESIGN, FABRICATION AND ERECTION OF STEEL DECK SHALL BE IN ACCORDANCE WITH THE 2010 AND 2011 STEEL DECK INSTITUTE (SDI) STANDARDS

PROVIDE ANGLE SUPPORTS FOR METAL DECK AT ALL COLUMN FACES WHERE SUPPORT IS REQUIRED, AND IS NOT PROVIDED BY MEMBERS FRAMING TO COLUMN. ANGLE FRAMING SHALL BE A MINIMUM OF L2x2x3/16.

NO LOADS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL OR PLUMBING ITEMS, SINGLY OR IN AGGREGATE, IN EXCESS OF 25 POUNDS SHALL BE HUNG FROM METAL ROOF DECK IN ANY 4 SQUARE FOOT AREA. LOADS EXCEEDING THIS LIMIT REQUIRE SUPPLEMENTAL FRAMING ATTACHED DIRECTLY TO STRUCTURAL FRAMING.

SPLICES AT CONTINUOUS DIAPHRAGM CHORD ANGLES SHALL BE FULL PENETRATION WELDS UNLESS NOTED.

► SYSTEM NOTES (CONTINUED)

- COLD-FORMED METAL FRAMING

DESIGN, FABRICATION AND ERECTION OF COLD-FORMED METAL FRAMING SHALL BE IN ACCORDANCE WITH THE 2012 AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AND THE 2012 AISI STANDARDS FOR COLD-FORMED STEEL FRAMING.

COLD-FORMED METAL FRAMING IS PERFORMANCE BASED, AND SHALL BE COMPLETELY DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF [STATE] WISCONSIN AND RETAINED BY THE COLD-FORMED SUPPLIER. DESIGN SHALL BE SUBJECT TO THE LIMITATIONS NOTED. COLD-FORMED MEMBERS NOTED SHOULD BE CONSIDERED MINIMUM SIZES. CONNECTION DETAILS INDICATE INTENT FOR CONNECTION BEHAVIOR ONLY.

FOR RIGID VENEER, LIMIT THE MAXIMUM SIMPLE SPAN LATERAL DEFLECTION OF COLD-FORMED METAL PROVIDING LATERAL SUPPORT TO SPAN/720 - LIMIT THE MAXIMUM CANTILEVER LATERAL DEFLECTION TO CANTILEVER SPAN/360 AT THE WINDOW HEAD AND SILL. IN ALL CASES, THE COLD-FORMED METAL FRAMING ALONE SHALL TAKE ALL THE LATERAL LOAD – NO COMPOSITE ACTION WITH SHEATHING, BRICK, CMU, STONE, OR ANY RIGID VENEER MATERIAL IS PERMITTED.

FOR FLEXIBLE VENEER, LIMIT THE MAXIMUM SIMPLE SPAN LATERAL DEFLECTION OF COLD-FORMED METAL PROVIDING LATERAL SUPPORT TO SPAN/360 - LIMIT THE MAXIMUM CANTILEVER LATERAL DEFLECTION TO CANTILEVER SPAN/240 AT THE WINDOW HEAD AND SILL. IN ALL CASES, THE COLD-FORMED METAL FRAMING ALONE SHALL TAKE ALL THE LATERAL LOAD – NO COMPOSITE ACTION WITH SHEATHING MATERIAL IS PERMITTED.

LIMIT VERTICAL DEFLECTION OF STUD LINTEL ASSEMBLIES TO 1/8 INCH AT THE HEAD OF WINDOWS OR OPENINGS.

HEADERS AND JAMBS AT OPENING MAY CONSIST OF BUILT-UP COLD-FORMED METAL FRAMING OR HOT-ROLLED STEEL SECTIONS AS DETERMINED BY THE COLD-FORMED FRAMING DESIGNER. SOME CONDITIONS MAY NECESSITATE HOT-ROLLED SECTIONS, WHICH ARE TO BE SUPPLIED AND INSTALLED BY THE COLD-FORMED METAL CONTRACTOR.

- POST-INSTALLED ANCHORAGE

ALL POST-INSTALLED ANCHORS MUST BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS INCLUDING, BUT NOT LIMITED TO, DRILL TYPE, HOLE CLEANING, INSTALLATION TORQUE, AND TEMPERATURE CONSTRAINTS.

ALL PERSONNEL INSTALLING POST-INSTALLED ANCHORS SHALL BE TRAINED/CERTIFIED BY THE MANUFACTURER ON PROPER INSTALLATION TECHNIQUE FOR EACH TYPE OF FASTENER. CONTRACTOR SHALL COORDINATE ANY ON-SITE TRAINING WITH THE ANCHOR MANUFACTURER. TRAINING DOCUMENTATION SHALL BE AVAILABLE FOR REVIEW UPON REQUEST. ADDITIONALLY, THE ANCHOR MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT DURING THE INITIAL INSTALLATION OF EACH TYPE OF ANCHOR TO REVIEW AND APPROVE THE CONTRACTOR'S INSTALLATION PROCEDURES.

FOR ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED, INSTALLER SHALL HOLD AN ACTIVE ACI/CRSI ISSUED ADHESIVE ANCHOR INSTALLER CERTIFICATION IN ADDITION TO TRAINING BY THE ANCHOR MANUFACTURER.

WHEN A SPECIFIC PRODUCT AND MANUFACTURER IS REFERENCED IN THE CONTRACT DOCUMENTS, THAT SPECIFIC PRODUCT SHALL BE USED. THE LISTS BELOW CONTAIN ACCEPTABLE PRE-APPROVED ANCHORS FOR USE AS AN EQUAL (WHERE "OR EQUAL" IS INDICATED) OR WHERE POST-INSTALLED ANCHORAGE IS REFERRED TO I

► BUILDING CODES

- DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 2018 WISCONSIN COMMERCIAL BUILDING CODE (BASED ON IBC 2015) AS CONTAINED IN CHAPTERS SPS 361, SPS 362 and SPS 366 OF THE WISCONSIN ADMINISTRATIVE CODE.

RISK CATEGORY	II

► DESIGN LOADS AND DATA

- SUPERIMPOSED LOADS (STRUCTURE SELF WEIGHT NOT INCLUDED)

TYPICAL FLOOR	
SUPERIMPOSED DEAD*	22 PSF
SUPERIMPOSED LIVE	75 PSF
LOBBY / ATRIUM	
SUPERIMPOSED DEAD*	22 PSF
SUPERIMPOSED LIVE	100 PSF

*: INCLUDES 10 PSF ADDITIONAL CONCRETE WEIGHT TO ACCOUNT FOR COMPENSATION OF STRUCTURAL FRAMING DEFLECTION.

- SNOW LOADS

GROUND SNOW (p_g)	30 PSF
SNOW DENSITY (0.13 x p_g + 14 < 30)	17.9 PCF
ROOF EXPOSURE	PARTIALLY EXPOSED
EXPOSURE FACTOR (C_e)	1.0
THERMAL FACTOR - BUILDING (C_t)	1.0
THERMAL FACTOR - CANOPY, MANSARDS (C_t)	1.2
SNOW IMPORTANCE FACTOR (I_s)	1.0
FLAT ROOF SNOW LOAD (p_f = 0.7 C_e C_t I_s p_g)	21 PSF
DRIFT LOAD	PER ASCE 7-10

► MATERIAL STRENGTHS AND STANDARDS

THE MATERIAL STRENGTHS AND STANDARDS LISTED HERE REPRESENT A SELECTED SUMMARY OF THE REQUIREMENTS NOTED IN THE SPECIFICATIONS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE SPECIFICATIONS, THESE NOTES SHALL GOVERN.

- SOILS

DESIGN SOIL BEARING CAPACITY FOR SPREAD/STRIP FOOTINGS	3,000 PSF

- CONCRETE (28 DAY STRENGTH)

FOOTINGS, DRILLED PIERS, STEEL PILE FILL	f'_c = 3,000 PSI
FOUNDATION WALLS, INTEGRAL PIERS	f'_c = 4,000 PSI
CONCRETE SLAB ON METAL DECK	f'_c = 4,000 PSI
INTERIOR SLAB-ON-GRADE	f'_c = 4,000 PSI
EXTERIOR SLAB-ON-GRADE	f'_c = 4,500 PSI

- REINFORCING STEEL

WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS ONLY (ASTM A185)	F_y = 65,000 PSI
DEFORMED BARS (ASTM A615, GRADE 60)	F_y = 60,000 PSI

- MASONRY

CONCRETE MASONRY ASSEMBLY (RUNNING (STACK) BOND)	f'_m = 2,500 PSI
CMU (ASTM C90 - NORMALWEIGHT (LIGHTWEIGHT))	3,250 PSI
MORTAR (ASTM C270)	TYPE S
GROUT (ASTM C476)	f'_c = 3,000 PSI
ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI

- STRUCTURAL STEEL (SHAPES)

W, WT SECTIONS, CHANNELS (ASTM A992)	F_y = 50,000 PSI; F_u = 65,000 PSI
HP SECTIONS(ASTM A572, GRADE 50)	F_y = 50,000 PSI; F_u = 65,000 PSI
M, MT, S, ST SECTIONS, ANGLES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
HSS SHAPES – SQUARE/RECTANGULAR (ASTM A500, GRADE C)	F_y = 50,000 PSI; F_u = 62,000 PSI
HSS SHAPES – ROUND (ASTM A500, GRADE C)	F_y = 46,000 PSI; F_u = 62,000 PSI
STEEL PIPE (ASTM A53, GRADE B)	F_y = 35,000 PSI; F_u = 60,000 PSI
PLATES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
PLATES (ASTM A572, GR. 50)	F_y = 50,000 PSI; F_u = 65,000 PSI

- STRUCTURAL STEEL (CONNECTIONS)

ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI; F_u = 58,000 PSI
HIGH STRENGTH BOLTS (F3125)	GR. A325 UNLESS NOTED ON DRAWINGS
TENSION CONTROL BOLTS (F3125)	GR. F1852 UNLESS NOTED ON DRAWINGS
WELDING ELECTRODES	E70XX
SHEAR CONNECTORS (ASTM A29, GRADE 1010 THROUGH 1020; AWS TYPE B)	F_y = 51,000 PSI; F_u = 65,000 PSI
CONCRETE ANCHORS (ASTM A29, GRADE 1010 THROUGH 1020; AWS TYPE B)	F_y = 51,000 PSI; F_u = 65,000 PSI
DEFORMED BAR ANCHORS (ASTM A496; AWS TYPE C)	F_y = 70,000 PSI; F_u = 80,000 PSI
THREADED RODS (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
GROUT (ASTM C1107)	f'_c = 5,000 PSI

- COLD-FORMED METAL FRAMING

COLD-FORMED MATERIAL - 18 GAUGE AND THINNER (ASTM A653, GRADE 33)	F_y = 33,000 PSI
COLD-FORMED MATERIAL - 16 GAUGE AND THICKER (ASTM A653, GRADE 50)	F_y = 50,000 PSI
ANCHOR RODS (ASTM F1554, GRADE 36)	F_y = 36,000 PSI; F_u = 58,000 PSI
CONNECTOR PLATES (ASTM A36)	F_y = 36,000 PSI; F_u = 58,000 PSI
CONNECTOR BOLTS (ASTM A307, GRADE A)	F_u = 60,000 PSI
WELDING ELECTRODES	E60XX
GALVANIZING THICKNESS	G60

► GENERAL NOTES

- EXISTING CONDITIONS

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THE STRUCTURAL DRAWINGS REPRESENTS THE ACTUAL EXISTING FIELD CONDITION TO THE BEST OF OUR KNOWLEDGE. R.A. SMITH, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS, DIMENSIONS AND BUILDING CONDITIONS AFFECTING THE WORK BY DIRECT SURVEY AND MEASUREMENT PRIOR TO THE PREPARATION OF SHOP DRAWINGS, FABRICATION, ERECTION OR CONSTRUCTION OF ANY ITEM IMPACTED BY EXISTING CONDITIONS. REPORT DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS FOR REVIEW. ANY WORK PERFORMED PRIOR TO THE RESOLUTION OF THE DISCREPANCIES IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

EXISTING STRUCTURE TO REMAIN IS SHOWN WITH LIGHT GRAY LINES. EXISTING STRUCTURE TO BE REMOVED IS NOT GENERALLY SHOWN ON STRUCTURAL DRAWINGS - SEE ARCHITECTURAL DRAWINGS FOR DEMOLITION INFORMATION.

ALL EXISTING STRUCTURE TO REMAIN TO BE SUPPORTED BY NEW CONSTRUCTION SHALL BE SHORED UNTIL NEW CONSTRUCTION IS IN PLACE, COMPLETED, AND CAPABLE OF SUPPORTING THE EXISTING STRUCTURE. EXISTING STRUCTURE TO REMAIN THAT IS AFFECTED, BUT NOT SUPPORTED, BY NEW CONSTRUCTION SHALL BE SHORED UNTIL IT IS NO LONGER AFFECTED BY CONSTRUCTION ACTIVITIES.

EXISTING CONSTRUCTION SHALL NOT BE USED AS A MATERIAL STAGING AREA FOR NEW CONSTRUCTION, AND SHALL NOT BE USED TO PROVIDE TEMPORARY BRACING FOR NEW CONSTRUCTION.

- CONSTRUCTION

UNLESS SPECIFICALLY NOTED OTHERWISE, BUILDING STRUCTURE HAS BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION ONLY, AND HAS NOT BEEN ANALYZED, INVESTIGATED OR DESIGNED FOR OVERALL STRUCTURE, OR INDIVIDUAL MEMBER, STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING AND SUPPORTS FOR ALL STRUCTURAL ELEMENTS, BOTH INDIVIDUALLY AND COLLECTIVELY, AS REQUIRED AT EVERY STAGE OF CONSTRUCTION UNTIL THE FINAL COMPLETION OF THE STRUCTURE. NO PORTION OF THE BUILDING STRUCTURE, WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTORS TEMPORARY BRACES AND SUPPORTS, WHICH SHALL ADDITIONALLY PROVIDE SUPPORT FOR ALL CONSTRUCTION LOADING. MATERIALS AND EQUIPMENT SHALL BE STORED, TRANSPORTED AND INSTALLED IN A MANNER THAT WILL NOT EXCEED THE DESIGN FLOOR LOADING.

CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY BRACING, SUPPORTS, SHORING, FORMING TO SUPPORT IMPOSED CONSTRUCTION LOADS, AND OTHER SIMILAR ITEMS.

STRUCTURAL DOCUMENTS MAY REFER TO OSHA REQUIREMENTS. SUCH REFERENCES ARE INCIDENTAL, AND ARE NOT INTENDED TO IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS.

- COMPLETENESS

INFORMATION CONTAINED IN THE GENERAL NOTES IS ONLY A PARTIAL SUMMARY OF PROJECT REQUIREMENTS. SEE SPECIFICATIONS, PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS.

ALL STRUCTURAL CONTRACT DOCUMENTS INCLUDED ARE EQUALLY APPLICABLE TO THE IMPORTANCE OF THE DEFINITION OF STRUCTURAL REQUIREMENTS. ALL DRAWINGS MUST BE REVIEWED AND COMPARED PRIOR TO BIDDING AND CONSTRUCTION. IF ANY DISCREPANCIES OR CONFLICTS ARE IDENTIFIED REPORT TO THE ARCHITECT/ENGINEER FOR CLARIFICATION.

USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT MANUALLY SCALE THE DRAWINGS OR USE ANY DIMENSIONS MEASURED FROM ELECTRONIC DRAWING FILES.

UNLESS NOTED OTHERWISE, CENTERLINE OF FLOOR FRAMING ELEMENTS COINCIDES WITH COLUMN CENTERLINES, AND FRAMING ELEMENTS ARE EQUALLY SPACED BETWEEN ADJACENT COLUMN CENTERLINES.

MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED ON THE STRUCTURAL DRAWINGS - SMALLER OPENINGS AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BUILDING SERVICES MAY NOT BE NOTED. CONTRACTOR TO VERIFY THE SIZE AND LOCATION OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING OPENINGS, INCLUDING CLEARANCE REQUIREMENTS CONTAINED IN THE RESPECTIVE DISCIPLINE DOCUMENTS FOR INSTALLATION AND IN-PLACE OPERATION OF THE RESPECTIVE EQUIPMENT OR ITEMS.

CONSULT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND MANUFACTURERS SPEC SHEETS FOR LOCATIONS AND DIMENSIONS OF PADS, CURBS, EQUIPMENT SUPPORTS, DEPRESSIONS, INSERTS, DRIPS, REGLETS, REVEALS, FINISHES AND OTHER MISCELLANEOUS PROJECT REQUIREMENTS THAT NECESSITATE INCIDENTAL ACCOMMODATION BY THE BUILDING STRUCTURE BUT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.

DEFERRED SUBMITTALS: IBC SECTION 107.3.4.1 REQUIRES DEFERRED SUBMITTALS TO BE APPROVED BY THE BUILDING OFFICIAL. DEFERRED SUBMITTALS SHALL BE REVIEWED BY DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AFFIXING A NOTATION THAT THE DEFERRED ITEMS ARE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING, SUBMITTED FOR REVIEW BY THE BUILDING OFFICIAL AND SHALL NOT BE INSTALLED UNTIL APPROVED BY THE BUILDING OFFICIAL. DEFERRED SUBMITTALS ON THIS PROJECT INCLUDE:

- COLD FORMED METAL FRAMING (CFMF)

- GENERAL

THE STRUCTURE HAS BEEN DESIGNED AS UNRESTRAINED FOR THE PURPOSE OF FIRE RATING AND FIREPROOFING ASSEMBLY EVALUATIONS.

STRUCTURAL COMPONENTS HAVE NOT BEEN DESIGNED FOR VIBRATORY EQUIPMENT UNLESS NOTED OTHERWISE. PLACE VIBRATORY EQUIPMENT AND EQUIPMENT SENSITIVE TO VIBRATIONS ON VIBRATION ISOLATORS SPECIFICALLY DESIGNED FOR THE EQUIPMENT.

ALL SYSTEMS, INCLUDING EXTERIOR FACADES AND FRAMING, WHICH ARE DESIGNED AND DETAILED BY COMPONENT SUPPLIERS, ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURE WITHOUT CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. COMPONENT SUPPLIERS ARE RESPONSIBLE FOR DESIGNING, FURNISHING AND INSTALLING SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT THEIR SYSTEMS FROM CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. WHERE PROVIDED, SUPPLEMENTARY BRACING SHALL NOT INTERFERE WITH ANY BUILDING SYSTEM NOTED OR DESCRIBED IN THE CONTRACT DOCUMENTS.

UNDER NO CIRCUMSTANCES MAY ANY STRUCTURAL ELEMENT BE PENETRATED, CUT, NOTCHED, BLOCKED-OUT, SLEEVED, CORE DRILLED, OR OTHERWISE FIELD MODIFIED OR REDUCED IN STRENGTH AFTER DELIVERY TO THE CONSTRUCTION SITE OR FINAL INCORPORATION IN THE BUILDING STRUCTURE UNLESS SUCH MODIFICATION IS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, OR IS APPROVED IN ADVANCE IN WRITING BY THE ENGINEER OF RECORD.

EXCEPT AS NOTED BELOW, ALL FUTURE EXPANSION IS ASSUMED TO BE COMPLETELY SELF SUPPORTING FOR BOTH GRAVITY AND LATERAL LOADS.

► SYSTEM NOTES

- FOUNDATIONS AND EARTHWORK

REMOVE EXISTING SURFICIAL TOP SOIL AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM OF TEN FEET BEYOND. EXCAVATE MATERIAL TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROOFROLL WITH A HEAVY RUBBER TIRED VEHICLE. SOILS WHICH HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND REPLACED WITH ENGINEERED FILL.

SUBGRADE PREPARATION FOR FOOTINGS SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING CAPACITY SOILS AT OR NEAR DESIGN FOOTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT NOMINAL BEARING DEPTH, SEE OVER EXCAVATION DETAIL.

ALL COMPACTION REQUIREMENTS REFER TO % OF MAXIMUM DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR. GRANULAR STRUCTURAL FILL BENEATH FOOTINGS SHALL BE PLACED IN LAYERS NO MORE THAN 8" THICK, AND EACH LAYER SHALL BE COMPACTED TO 95%. COHESIVE FILL APPROVED BY THE GEOTECHNICAL CONSULTANT SHALL BE PLACED IN LAYERS NO THICKER THAN 8", AND EACH LAYER SHALL BE COMPACTED TO 95%. MOISTURE CONDITION FILL MATERIALS AS REQUIRED TO OBTAIN PROPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A SIGNIFICANT PERCENT OF COHESIVE FINES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE CONTENT AT COMPACTION.

ALL ACTIVITIES CONCERNING PREPARATION AND VERIFICATION OF BEARING SOILS FOR SLAB-ON-GRADE AND FOOTINGS SHALL BE SUPERVISED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER.

COLUMNS, PIERS, AND SPREAD FOOTINGS ARE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE. CONTINUOUS FOOTINGS ARE CENTERED ON WALLS ABOVE UNLESS NOTED OTHERWISE.

BACKFILL UNIFORMLY ON EACH SIDE OF FOUNDATION WALLS, GRADE BEAMS AND OTHER SIMILAR ELEMENTS. DO NOT BACKFILL AGAINST ANY STRUCTURAL ELEMENT UNTIL THAT ELEMENT HAS ATTAINED FULL DESIGN STRENGTH. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL TOP AND BOTTOM OF WALL IS BRACED BY FLOOR FRAMING AND SLAB-ON-GRADE UNLESS NOTED OTHERWISE ON THE DRAWINGS.

TOP OF FOOTING ELEVATION NOTED ON DRAWINGS REPRESENT CONSIDERED ENGINEERING JUDGMENT BY THE ENGINEER OF RECORD ABOUT PROTECTION FROM FROST AND MINIMUM DEPTH TO SOILS CAPABLE OF PROVIDING DESIGN SOIL BEARING CAPACITY. UNCERTAINTIES INHERENT IN DETERMINING THE ELEVATION OF SOILS ADEQUATE TO PROVIDE DESIGN BEARING CAPACITY MAY REQUIRE FOUNDATIONS TO BE LOWERED – IN NO CASE SHALL TOP OF FOOTING BE HIGHER THAN NOTED. A GEOTECHNICAL ENGINEER SHALL VERIFY THAT SOIL AT THE FOOTING BASE IS ADEQUATE TO PROVIDE THE REQUIRED DESIGN SOIL BEARING CAPACITY.

- CAST-IN-PLACE CONCRETE

DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ACI 318–14 USING STRENGTH DESIGN METHODOLOGY, EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.

REINFORCING CLEAR COVER SHALL BE AS NOTED BELOW UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
#3 - #5 BARS	1 1/2"
#6 - #18 BARS	2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
WALLS - #3 THRU #11 BARS	3/4"
WALLS - #14 THRU #18 BARS	1 1/2"
STRUCTURAL SLABS - TOP, BOTTOM	1"
JOIST TIES AND MAIN REINFORCING - TOP, BOTTOM , SIDES	1 1/2"
BEAM TIES - TOP, BOTTOM, SIDES	1 1/2"
BEAM MAIN REINFORCING - TOP, BOTTOM, SIDES	2"
COLUMN TIES	1 1/2"
COLUMN MAIN REINFORCING	2"

PROVIDE (2) #5 BARS AROUND ALL OPENINGS AND (2) #5 DIAGONAL BARS AT ALL OPENING AND RE-ENTRANT CORNERS. BARS SHALL EXTEND A MINIMUM OF 24" PAST OPENING.

ALL BAR SPLICES SHALL BE CONTACT LAP SPLICED USING CLASS B TENSION LAP LENGTHS, WITH ADJACENT LAPS STAGGERED A MINIMUM OF 3'-0" UNLESS DETAILED OTHERWISE. SEE REINFORCEMENT TABLES FOR REQUIRED LAP AND DEVELOPMENT LENGTHS.

FIELD WELDING OF ASTM A615 REINFORCING STEEL IS NOT PERMITTED. FIELD BENDING OF REINFORCING STEEL IS NOT PERMITTED EXCEPT WHERE SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS.

CORING OF COLUMNS, WALLS, BEAMS, JOISTS AND SLABS IS NOT PERMITTED. PROVIDE STEEL SLEEVES FOR ALL PENETRATIONS AT ALL LOCATIONS APPROVED BY THE ENGINEER OF RECORD PRIOR TO PLACING CONCRETE.

- CONCRETE MASONRY

DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF TMS 402-13 AND TMS 602-13 EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.

UNLESS NOTED OTHERWISE PROVIDE CONTINUOUS LADDER TYPE REINFORCEMENT WITH W1.7 (9 GAUGE) SIDE AND CROSS RODS AT 16" OC VERTICALLY IN ALL WALLS AND PIERS, AND AT 8' OC VERTICALLY AT PARAPETS. WHERE VERTICAL BARS ARE REQUIRED, CONSTRUCT CMU WALL TO PROVIDE A CONTINUOUS UNOBSTRUCTED CELL FROM BOTTOM TO TOP OF BAR. CELL CONTAINING A SINGLE BAR SHALL NOT BE LESS THAN 3" X 4" IN PLAN AREA.

PORTIONS OF CMU CONSTRUCTION REQUIRING STRUCTURAL FILL SHALL USE GROUT ONLY. USE OF CONCRETE FILL IN CMU CONSTRUCTION IS NOT PERMITTED. WHERE CLEARANCES AND CONGESTION PERMIT, USE COARSE GROUT WITH PEA GRAVEL AGGREGATE; OTHERWISE USE FINE GROUT.

REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL VERTICAL CONTROL JOINTS IN EXTERIOR WYTHES OF EXTERIOR WALLS, AND IN ALL INTERIOR PARTITION WALLS.

WHERE BOND BEAMS INTERSECT AT WALL CORNERS AT DIFFERENT ELEVATIONS, RUN EACH BOND BEAM AROUND THE CORNER FOR A MINIMUM OF TWO FULL BLOCK LENGTHS BEFORE TERMINATING. WHERE BOND BEAMS ADJOIN ON THE SAME WALL AT DIFFERENT ELEVATIONS, RUN BOND BEAMS PAST ONE ANOTHER A MINIMUM OF FOUR FULL BLOCK LENGTHS BEFORE TERMINATING.

- STRUCTURAL STEEL

DESIGN, DETAILING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360-10), THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (AISC 303-10), AND THE STEEL CONSTRUCTION MANUAL FOURTEENTH EDITION.

TYPICAL DETAILS INDICATE GENERAL CRITERIA FOR DESIGN AND DETAILING OF CONNECTIONS. THEY ARE NOT INTENDED TO CONVEY COMPLETE INFORMATION CONCERNING SIZE AND QUANTITY OF CONNECTORS, PLATES, ANGLES, WELDS AND SIMILAR ITEMS THAT ARE DEVELOPED THROUGH THE DESIGN OF AN INDIVIDUAL CONNECTION FOR A SPECIFIC SET OF LOADS AND COMBINATIONS. DETAILS THAT CONVEY SPECIFIC COMPONENT INFORMATION ESTABLISH MINIMUM REQUIREMENTS AND ARE NOT INTENDED TO CONVEY A COMPLETE DESIGN UNLESS NOTED.

UNLESS OTHERWISE NOTED, ALL STEEL TO STEEL FRAMING HAS BEEN SELECTED ASSUMING ATTACHMENTS FOR SHEAR ONLY. USING DOUBLE ANGLE OR DOUBLE BENT PLATE CONNECTIONS SHOP WELDED TO FRAMING MEMBER AND FIELD BOLTED TO SUPPORTING MEMBER WITH HIGH STRENGTH BOLTS IN BEARING. CONNECTIONS SHALL BE SYMMETRICAL ABOUT THE BEAM WEB. FABRICATORS PROPOSING TO USE ALTERNATIVE METHODS OF ATTACHMENT NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL SUBMIT ALTERNATIVE FOR CONSIDERATION DURING BIDDING, AND SHALL BEAR ALL COSTS ASSOCIATED WITH REVIEW, ENGINEERING REDESIGN, AND APPROVAL OF ALTERNATIVE CONNECTIONS.

SINGLE PLATE SHEAR TAB CONNECTIONS MAY BE USED IN LIEU OF DOUBLE ANGLE OR DOUBLE BENT PLATE CONNECTIONS WHERE SPECIFICALLY NOTED ON DRAWINGS, TO HSS OR PIPE COLUMNS, OR WHERE CONNECTION OF FRAMING MEMBER TO ONE SIDE OF A SUPPORT MEMBER IS MATCHED BY A SIMILAR CONNECTION ON THE OPPOSITE SIDE OF THE SAME SUPPORT MEMBER, AND WHERE BEAM SPANS DO NOT DIFFER BY MORE THAN 50% OF THE LARGER SPAN. SINGLE PLATE SHEAR TABS MAY NOT BE USED FOR CONNECTION OF FRAMING MEMBERS TO WIDE FLANGE COLUMNS OR TO SPANDREL (EDGE) SUPPORT MEMBERS UNLESS SPECIFICALLY DETAILED ON DRAWINGS.

FOR ALL SLOTTED HOLES, ANCHORS SHALL BE CENTERED IN SLOT UNLESS NOTED OTHERWISE.

CONNECTIONS FOR ALL STRUCTURAL STEEL BEAMS AND GIRDERS SHALL BE DESIGNED FOR THE REACTIONS SHOWN. REACTIONS SHOWN ON THE DRAWINGS WITHOUT INDIVIDUAL LOAD DESIGNATIONS HAVE BEEN COMBINED USING ALLOWABLE STRESS COMBINATIONS. IF NO REACTION IS SHOWN:

- NON-COMPOSITE BEAM AND GIRDER SHEAR CONNECTIONS SHALL BE DESIGNED FOR 50% OF THE TOTAL UNIFORM LOAD CAPACITY FOR THE GIVEN MEMBER SIZE, SPAN, AND GRADE OF STEEL.
- COMPOSITE BEAM AND GIRDER SHEAR CONNECTIONS SHALL BE DESIGNED FOR THE REACTION NOTED ABOVE MULTIPLIED BY THE APPROPRIATE FACTOR FROM THE TABLE BELOW

BEAM SIZE	MULTIPLIER	BEAM SIZE	MULTIPLIER	BEAM SIZE	MULTIPLIER
W8	2.0	W16	2.0	W27	1.2
W10	2.0	W18	1.8	W30	1.15
W12	2.0	W21	1.6	W33	1.10
W14	2.0	W24	1.4	W36	1.10

CONNECTIONS NOT SHOWN OR NOT COMPLETELY DETAILED ON THE DRAWINGS SHALL BE COMPLETED BY ONE OF THE FOLLOWING METHODS:

- STANDARD AISC FRAMED CONNECTIONS MEETING OTHER REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS MAY BE SELECTED OR COMPLETED BY AN EXPERIENCED STEEL DETAILER RETAINED BY THE FABRICATOR IN ACCORDANCE WITH AISC 303-10, PARAGRAPH 3.1.2.2 AND USING DESIGN CONCEPTS.

IN NO CASE SHALL A CONNECTING ELEMENT CONTAIN LESS THAN TWO HIGH STRENGTH BOLTS ON EACH CONNECTING SURFACE, OR UTILIZE LESS THAN 3/16" FILLET WELDS, OR BE LESS THAN 7/2 IN DEPTH. IN NO CASE SHALL A CONNECTION BE DESIGNED FOR A SHEAR REACTION LESS THAN 12 KIPS (ALLOWABLE STRESS DESIGN)

DESIGN OF STAIRS, HANDRAILS, GUARDRAILS AND LADDERS SHALL BE BY THE STEEL SUPPLIER.

REFER TO ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STRUCTURAL STEEL NOT NOTED ON STRUCTURAL DRAWINGS.

PROVIDE HOLES IN BEAMS TO ACCOMMODATE WOOD CONNECTIONS TO STEEL.

- METAL DECKING

DESIGN, FABRICATION AND ERECTION OF STEEL DECK SHALL BE IN ACCORDANCE WITH THE 2010 AND 2011 STEEL DECK INSTITUTE (SDI) STANDARDS

PROVIDE ANGLE SUPPORTS FOR METAL DECK AT ALL COLUMN FACES WHERE SUPPORT IS REQUIRED, AND IS NOT PROVIDED BY MEMBERS FRAMING TO COLUMN. ANGLE FRAMING SHALL BE A MINIMUM OF L2x2x3/16.

NO LOADS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL OR PLUMBING ITEMS, SINGLY OR IN AGGREGATE, IN EXCESS OF 25 POUNDS SHALL BE HUNG FROM METAL ROOF DECK IN ANY 4 SQUARE FOOT AREA. LOADS EXCEEDING THIS LIMIT REQUIRE SUPPLEMENTAL FRAMING ATTACHED DIRECTLY TO STRUCTURAL FRAMING.

SPLICES AT CONTINUOUS DIAPHRAGM CHORD ANGLES SHALL BE FULL PENETRATION WELDS UNLESS NOTED.

► SYSTEM NOTES (CONTINUED)

- COLD-FORMED METAL FRAMING

DESIGN, FABRICATION AND ERECTION OF COLD-FORMED METAL FRAMING SHALL BE IN ACCORDANCE WITH THE 2012 AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AND THE 2012 AISI STANDARDS FOR COLD-FORMED STEEL FRAMING.

COLD-FORMED METAL FRAMING IS PERFORMANCE BASED, AND SHALL BE COMPLETELY DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF [STATE] WISCONSIN AND RETAINED BY THE COLD-FORMED SUPPLIER. DESIGN SHALL BE SUBJECT TO THE LIMITATIONS NOTED. COLD-FORMED MEMBERS NOTED SHOULD BE CONSIDERED MINIMUM SIZES. CONNECTION DETAILS INDICATE INTENT FOR CONNECTION BEHAVIOR ONLY.

FOR RIGID VENEER, LIMIT THE MAXIMUM SIMPLE SPAN LATERAL DEFLECTION OF COLD-FORMED METAL PROVIDING LATERAL SUPPORT TO SPAN/720 - LIMIT THE MAXIMUM CANTILEVER LATERAL DEFLECTION TO CANTILEVER SPAN/360 AT THE WINDOW HEAD AND SILL. IN ALL CASES, THE COLD-FORMED METAL FRAMING ALONE SHALL TAKE ALL THE LATERAL LOAD – NO COMPOSITE ACTION WITH SHEATHING, BRICK, CMU, STONE, OR ANY RIGID VENEER MATERIAL IS PERMITTED.

FOR FLEXIBLE VENEER, LIMIT THE MAXIMUM SIMPLE SPAN LATERAL DEFLECTION OF COLD-FORMED METAL PROVIDING LATERAL SUPPORT TO SPAN/360 - LIMIT THE MAXIMUM CANTILEVER LATERAL DEFLECTION TO CANTILEVER SPAN/240 AT THE WINDOW HEAD AND SILL. IN ALL CASES, THE COLD-FORMED METAL FRAMING ALONE SHALL TAKE ALL THE LATERAL LOAD – NO COMPOSITE ACTION WITH SHEATHING MATERIAL IS PERMITTED.

LIMIT VERTICAL DEFLECTION OF STUD LINTEL ASSEMBLIES TO 1/8 INCH AT THE HEAD OF WINDOWS OR OPENINGS.

HEADERS AND JAMBS AT OPENING MAY CONSIST OF BUILT-UP COLD-FORMED METAL FRAMING OR HOT-ROLLED STEEL SECTIONS AS DETERMINED BY THE COLD-FORMED FRAMING DESIGNER. SOME CONDITIONS MAY NECESSITATE HOT-ROLLED SECTIONS, WHICH ARE TO BE SUPPLIED AND INSTALLED BY THE COLD-FORMED METAL CONTRACTOR.

- POST-INSTALLED ANCHORAGE

ALL POST-INSTALLED ANCHORS MUST BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS INCLUDING, BUT NOT LIMITED TO, DRILL TYPE, HOLE CLEANING, INSTALLATION TORQUE, AND TEMPERATURE CONSTRAINTS.

ALL PERSONNEL INSTALLING POST-INSTALLED ANCHORS SHALL BE TRAINED/CERTIFIED BY THE MANUFACTURER ON PROPER INSTALLATION TECHNIQUE FOR EACH TYPE OF FASTENER. CONTRACTOR SHALL COORDINATE ANY ON-SITE TRAINING WITH THE ANCHOR MANUFACTURER. TRAINING DOCUMENTATION SHALL BE AVAILABLE FOR REVIEW UPON REQUEST. ADDITIONALLY, THE ANCHOR MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT DURING THE INITIAL INSTALLATION OF EACH TYPE OF ANCHOR TO REVIEW AND APPROVE THE CONTRACTOR'S INSTALLATION PROCEDURES.

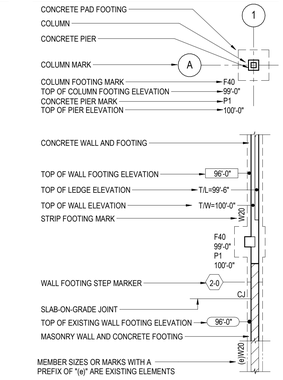
FOR ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED, INSTALLER SHALL HOLD AN ACTIVE ACI/CRSI ISSUED ADHESIVE ANCHOR INSTALLER CERTIFICATION IN ADDITION TO TRAINING BY THE ANCHOR MANUFACTURER.

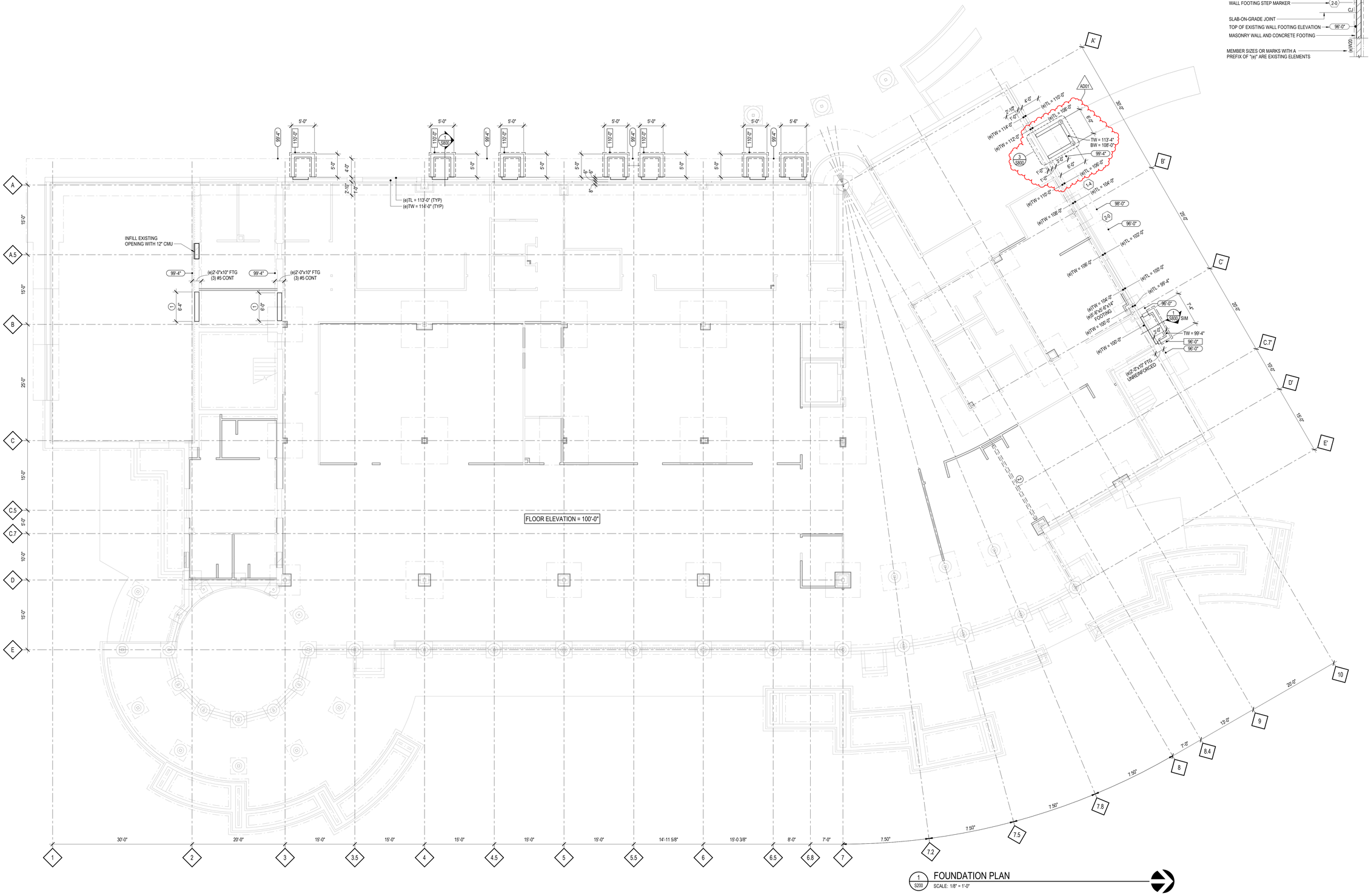
WHEN A SPECIFIC PRODUCT AND MANUFACTURER IS REFERENCED IN THE CONTRACT DOCUMENTS, THAT SPECIFIC PRODUCT SHALL BE USED. THE LISTS BELOW CONTAIN ACCEPTABLE PRE-APPROVED ANCHORS FOR USE AS AN EQUAL (WHERE "OR EQUAL" IS INDICATED) OR WHERE POST-INSTALLED ANCHORAGE IS REFERRED TO IN THE STRUCTURAL DRA

FOUNDATION KEY NOTES

1. NEW OPENING IN EXISTING 12" CMU WALL, SEE 1/S201 FOR LINTEL.
2. RELOCATED FOLDING PARTITION, SEE 1/S201.

FOUNDATION LEGEND





1 S200 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

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1674 N. W. Blumond Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com
project number 2220273

PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 289 8778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9930
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REVISIONS:
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FOUNDATION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: S200

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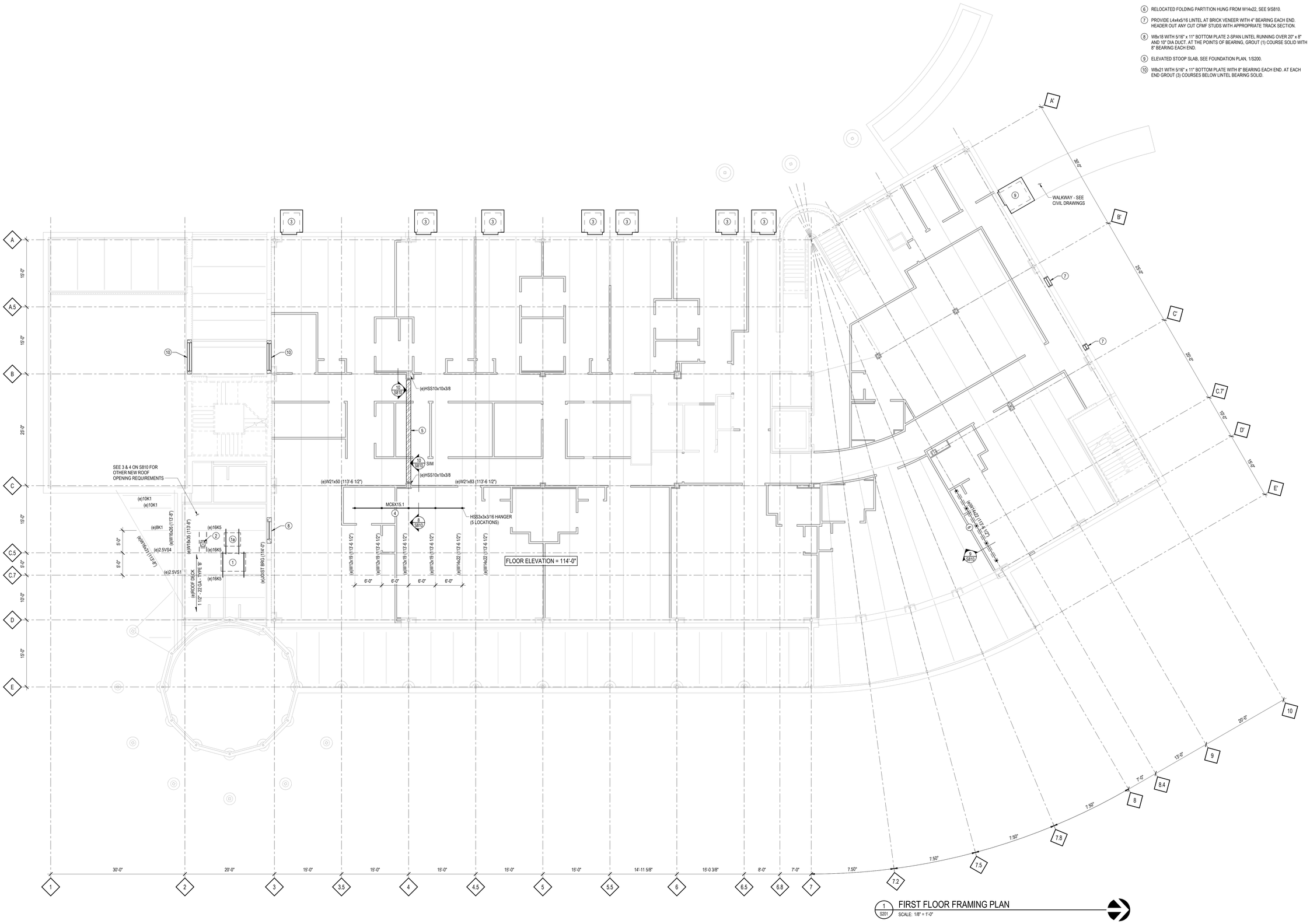
FIRST FLOOR FRAMING KEY NOTES

1. HEAT RECOVERY UNIT, WT = 750# (PLAN DIMENSIONS 4'-0" x 5'-6"). PROVIDE SUPPORT CHANNELS PER 8/S810 AND STRUT AS REQUIRED BY 7/S810.
1a. HEAT RECOVERY UNIT, WT = 1658. PROVIDE SUPPORT CHANNELS PER 6/S810 AND STRUT AS REQUIRED BY 7/S810.
2. NEW 12" x 12" ROOF DECK OPENING, FRAME OPENING PER 5/S810.
3. NEW STOOPS AT FIRST FLOOR LEVEL, SEE FOUNDATION PLAN, 1/S200.
4. OPERABLE GLASS PARTITION SUPPORTED FROM UNDERSIDE OF BEAMS, SEE 8/S810.
5. 12"x12" BOX TRUSS (SEE ARCHITECTURAL DRAWINGS), BOTTOM OF TRUSS AT ELEVATION 109'-6" AS SHOWN ON ARCHITECTURAL DRAWINGS, SEE 10/S810 FOR CONNECTION TO EXISTING HSS10x10 BUILDING COLUMNS.
6. RELOCATED FOLDING PARTITION HUNG FROM W14x22, SEE 9/S810.
7. PROVIDE L4x4x5/16 LINTEL AT BRICK VENEER WITH 4" BEARING EACH END. HEADER OUT ANY CUT CFMF STUDS WITH APPROPRIATE TRACK SECTION.
8. W8x18 WITH 5/16" x 11" BOTTOM PLATE 2-SPAN LINTEL RUNNING OVER 20" x 8" AND 10" DIA DUCT. AT THE POINTS OF BEARING, GROUT (1) COURSE SOLID WITH 8" BEARING EACH END.
9. ELEVATED STOOP SLAB, SEE FOUNDATION PLAN, 1/S200.
10. W8x21 WITH 5/16" x 11" BOTTOM PLATE WITH 8" BEARING EACH END. AT EACH END GROUT (3) COURSES BELOW LINTEL BEARING SOLID.



1 S201 FIRST FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

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311 canyon view dr, buda, tx 78610 t 737 525 0900

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CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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FIRST FLOOR FRAMING PLAN

CONSTRUCTION SET
DATE: 08-19-22
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SHEET NO: S201

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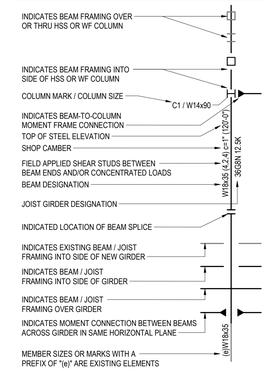
SECOND FLOOR FRAMING KEY NOTES

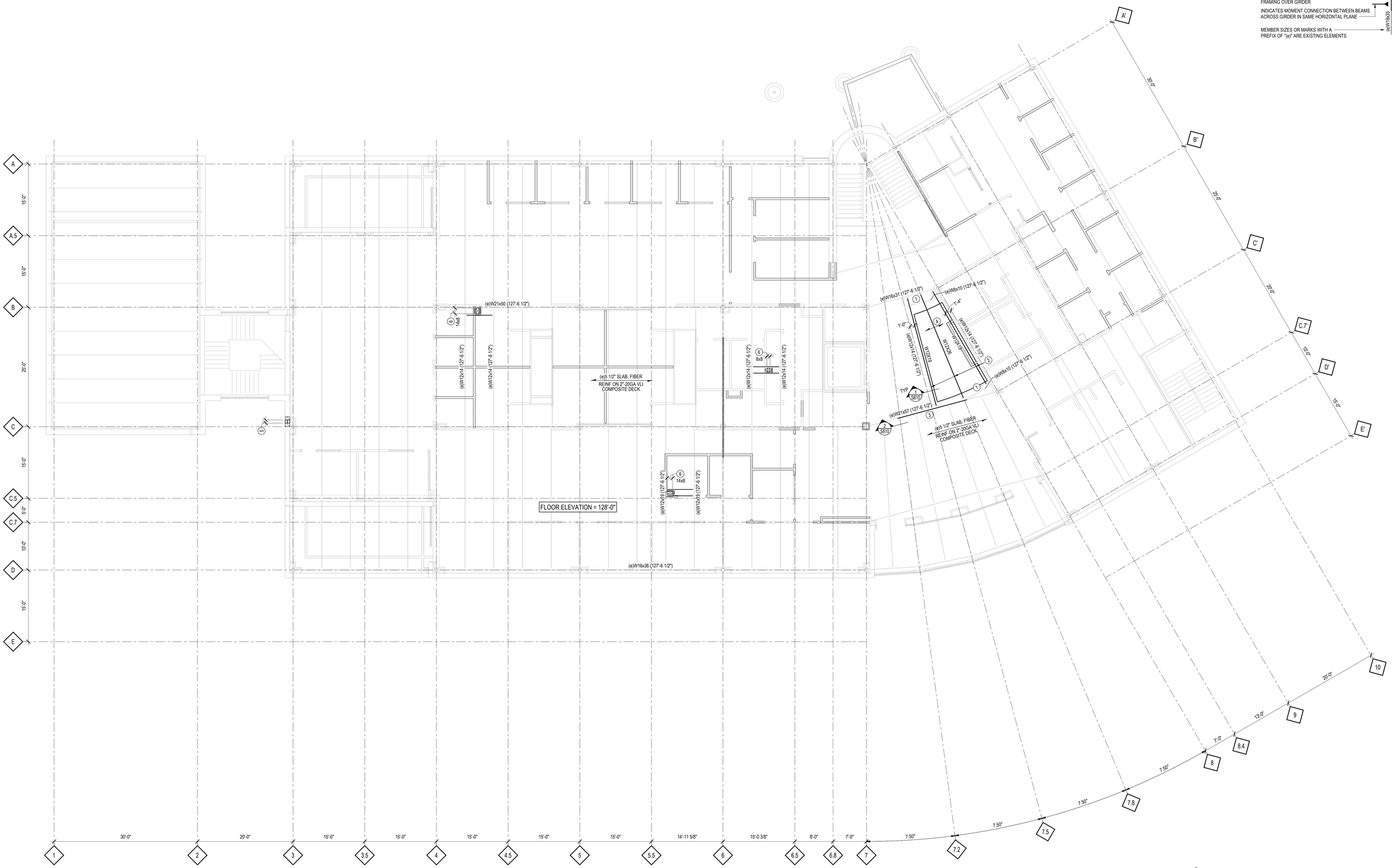
1. REMOVE W8x10. CONTRACTOR'S OPTION TO SAWCUT SLAB ON BEAM SIDE OPPOSITE EXISTING OPENING AND REMOVE SLAB WITH BEAM SINCE BEAM MAY HAVE WELD STUDS TO SLAB.
2. INSTALL NEW W12'S TIGHT TO UNDERSIDE OF SLAB PROVIDING CONNECTION AT ENDS CAPABLE OF TRANSFERRING 12 KIP SHEAR LOAD.
3. INSTALL WT6x25 AT UNDERSIDE OF EXISTING W21x57, SEE 2/S810.
4. PROVIDE 5 1/2" THICK INFILL SLAB CONSISTING OF 3 1/2" LIGHTWEIGHT CONCRETE WITH 4 LBS / CU YD SYNTHETIC MACRO FIBERS ON 2" x 22 GAGE GALVANIZED COMPOSITE METAL DECK FASTENED TO SUPPORTING STRUCTURE PER DETAIL 3/S810. PROVIDE DECK WITH THE FOLLOWING PROPERTIES:

   THICK = 0.0295 in — I_P = 0.324 in⁴/ft — S_{NP}= 0.263 in³/ft
   F_Y = 50 KSI — I_N = 0.321 in⁴/ft — S_N= 0.266 in³/ft

5. PROVIDE L4x4x5/16 LINTEL AT BRICK VENEER WITH 4" BEARING EACH END. HEADER OUT ANY CUT CFMF STUDS WITH APPROPRIATE TRACK SECTION.
6. NEW FLOOR OPENING, FRAME OPENING PER 12/S810.

STRUCTURAL STEEL LEGEND





1 S202 SECOND FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

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(262) 781-1000
rasmith.com
project number 2222073

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209 south water street, milwaukee, wisconsin 53204 t 414 289 8615
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SECOND FLOOR FRAMING

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Section 2, Item B

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project number: 2222023
167.45 W. Bleemond Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

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ROOF FRAMING PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: S202

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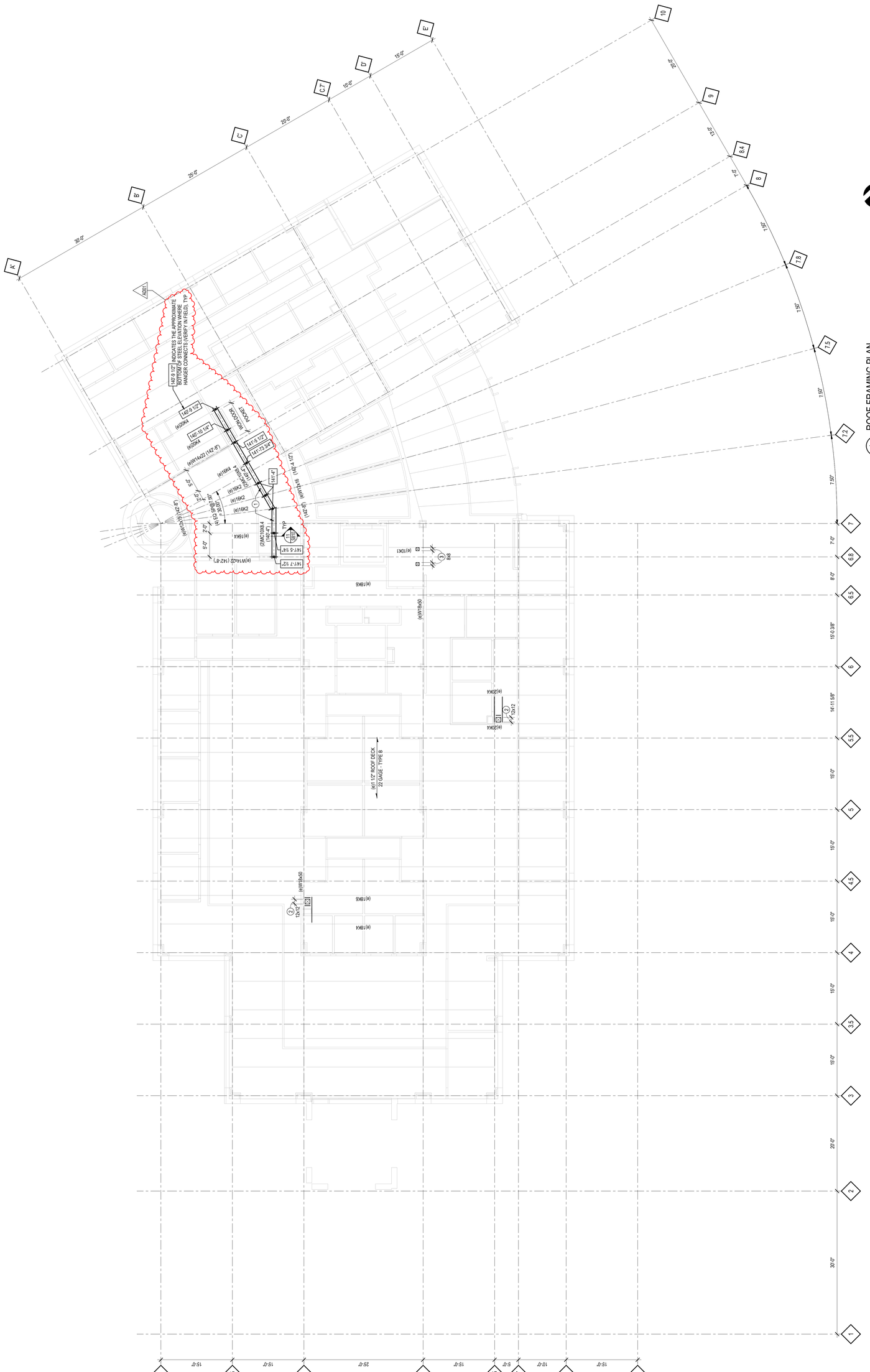
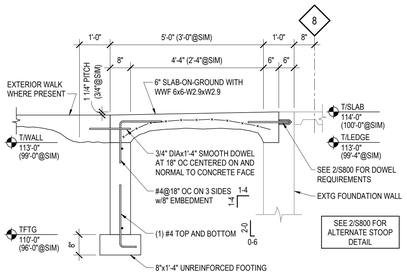
ROOF FRAMING KEY NOTES

1. NON-DOOR PARTITION BELOW.
2. NEW ROOF DECK OPENING. FRAME OPENING PER S/S810.
3. REINFORCE ROOF DECKING FROM BELOW PER 4/S810 FOR NEW 8"x8" OPENING.

A001

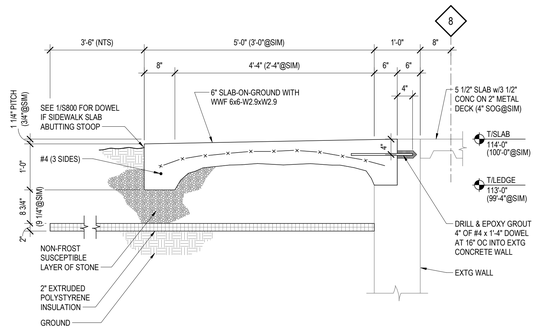
1 S202 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"


HDR 9 1/2" INDICATES THE APPROXIMATE ROOF OPENING SIZE. ELEVATIONS WHERE HANGER CONNECTS (VERIFY IN FIELD). TYP
HDR 9 1/2"
(e)20K4
HDR12X28
141'-6 1/2"
141'-11 3/4"
(e)W14x22 (142'-5")
(e)19K4
(2)HDC10X8.4
141'-4"
(e)19K2
(e)19K1
(e)W12x16 (142'-8")
(e)W12x14 (142'-8")
(e)18K4
141'-7 1/2"
141'-5 1/4"
(e)W14X22 (142'-8")
(2)MC10X8.4
(142'-11")
TYP
(e)10X1
(e)18K6
(e)W18x50
(e)20K4
(e)18K4
(e)W18x50
(e)20K4
12x12
12x12
(e)20K4
12x12
(e)18K4
(e)W18x50
(e)18K4
12x12
(e)W18x50
(e)20K4
12x12
(e)20K4



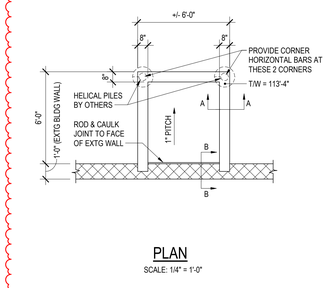
1 S800 **STOOP DETAIL**

SCALE: 1/2" = 1'-0"



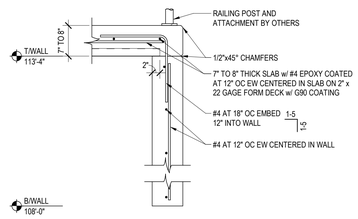
2 S800 **STOOP DETAIL - ALTERNATE**

SCALE: 3/4" = 1'-0"



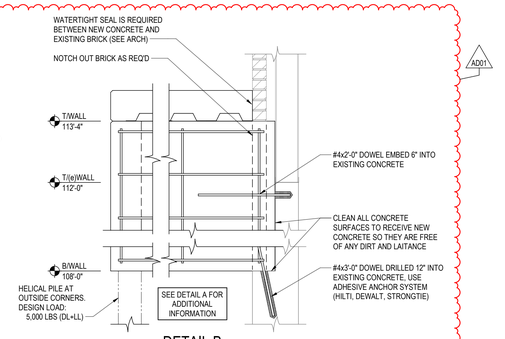
PLAN

SCALE: 1/4" = 1'-0"



DETAIL A

SCALE: 3/4" = 1'-0"



DETAIL B

SCALE: 3/4" = 1'-0"

3 S800 **EXTENDED STOOP**

SCALE: NONE

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2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon rivers dr, buda, tx 78610 t 737 525 09
raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com
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WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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FOUNDATION DETAILS

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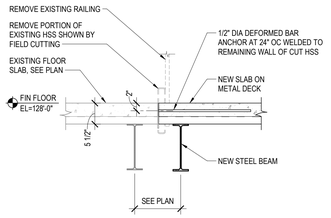
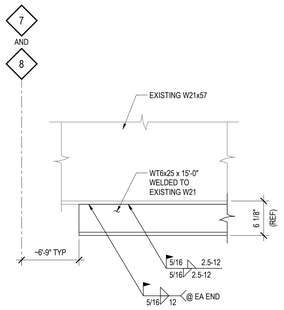
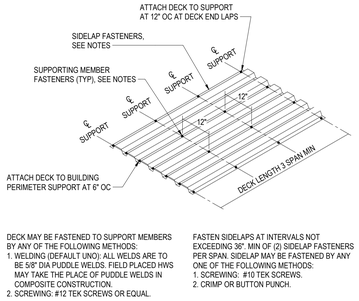


1 S810 TYPICAL INFILL FLOOR EDGE DETAIL
SCALE: 3/4" = 1'-0"



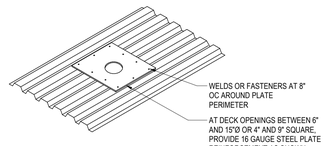
2 S810 BEAM REINFORCEMENT
SCALE: 1" = 1'-0"



DECK MAY BE FASTENED TO SUPPORT MEMBERS BY ANY OF THE FOLLOWING METHODS:
1. WELDING (DEFAULT UNO): ALL WELDS ARE TO BE 5/8" DIA PUDDLE WELDS. FIELD PLACED HWS MAY TAKE THE PLACE OF PUDDLE WELDS IN COMPOSITE CONSTRUCTION.
2. SCREWING: #12 TEK SCREWS OR EQUAL.

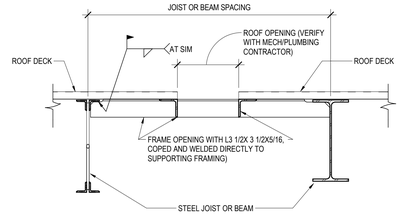
FASTEN SIDELAPS AT INTERVALS NOT EXCEEDING 36". MIN OF (2) SIDELAP FASTENERS PER SPAN. SIDELAP MAY BE FASTENED BY ANY ONE OF THE FOLLOWING METHODS:
1. SCREWING: #10 TEK SCREWS.
2. CRIMP OR BUTTON PUNCH.

3 S810 COMPOSITE DECK FASTENING DETAIL
SCALE: 1" = 1'-0"



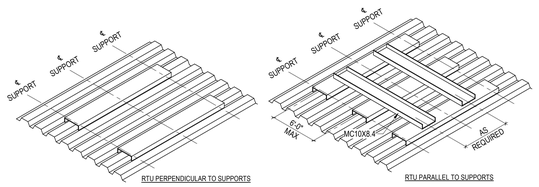
NOTE:
A) NO PLATE REINFORCEMENT REQUIRED AT DECK OPENINGS SMALLER THAN 6"Ø OR 4" SQUARE.
B) FOR DECK OPENINGS LARGER THAN 13"Ø OR 9" SQUARE, PROVIDE STEEL FRAME PER TYPICAL FRAMING AT ROOF OPENINGS DETAIL

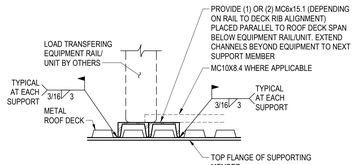
4 S810 TYPICAL ROOF DECK OPENING
SCALE: 1" = 1'-0"



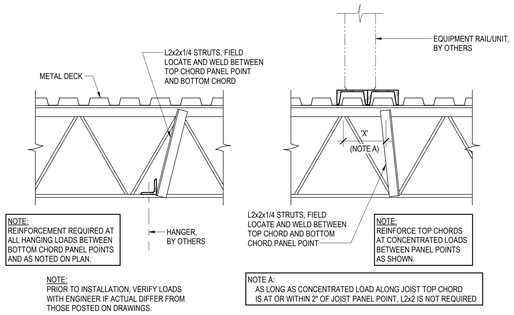
NOTE:
GC TO VERIFY SIZE, SHAPE AND LOCATION OF ALL ROOF OPENINGS WITH APPROPRIATE TRADES PROVIDING TYPICAL FRAME AT ALL OPENINGS:
1. LARGER THAN 13"Ø OR 9" SQUARE OR
2. SUPPORTING IN EXCESS OF 60LBS EQUIPMENT LOADS

5 S810 TYPICAL FRAMING AT ROOF OPENINGS
SCALE: 1" = 1'-0"





6 S810 EQUIPMENT RAIL SUPPORT
SCALE: 1" = 1'-0"



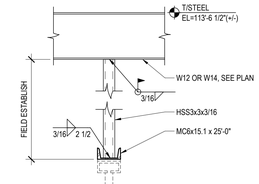
NOTE:
REINFORCEMENT REQUIRED AT ALL HANGING LOADS BETWEEN BOTTOM CHORD PANEL POINTS AND AS NOTED ON PLAN.

NOTE:
PRIOR TO INSTALLATION, VERIFY LOADS WITH ENGINEER IF ACTUAL DIFFER FROM THOSE POSTED ON DRAWINGS.

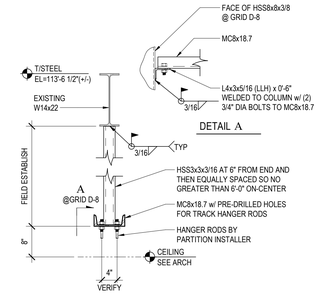
NOTE:
REINFORCE TOP CHORDS AT CONCENTRATED LOADS BETWEEN PANEL POINTS AS SHOWN.

NOTE A:
AS LONG AS CONCENTRATED LOAD ALONG JOIST TOP CHORD IS AT OR WITHIN 2" OF JOIST PANEL POINT, L2x2 IS NOT REQUIRED

7 S810 CONCENTRATED LOAD AT JOIST
SCALE: 1" = 1'-0"



8 S810 GLASS WALL TRACK SUPPORT
SCALE: 3/4" = 1'-0"



9 S810 RELOCATED MOVEABLE PARTITION SECTION
SCALE: 3/4" = 1'-0"

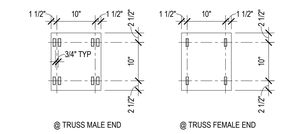
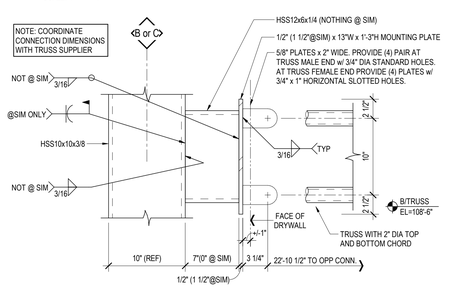
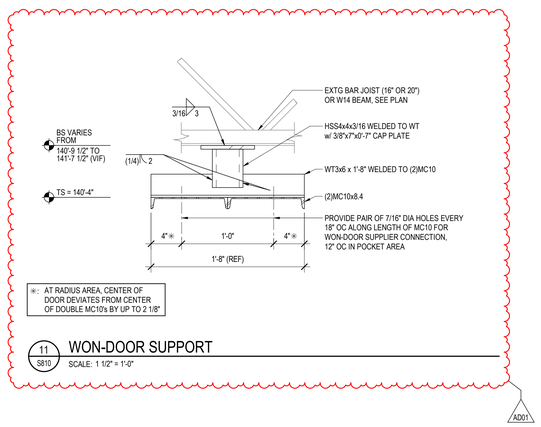


PLATE ELEVATIONS
SCALE: 3/4" = 1'-0"

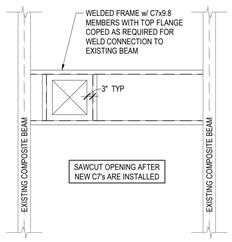


10 S810 TRUSS MOUNT CONNECTION
SCALE: 1 1/2" = 1'-0"



*: AT RADIUS AREA, CENTER OF DOOR DEVIATES FROM CENTER OF DOUBLE MC10's BY UP TO 2 1/8"

11 S810 WON-DOOR SUPPORT
SCALE: 1 1/2" = 1'-0"



12 S810 EXISTING SLAB OPENING
SCALE: NONE

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raSmith
CREATIVITY BEYOND ENGINEERING
project number 2220273

16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 780-1950
rasmith.com

GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
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FRAMING DETAILS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: S810

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SHEET INDEX - FIRE PROTECTION

SHEET NUMBER	SHEET NAME
FP001	SYMBOLS & ABBREVIATIONS
FP100	GROUND FLOOR DEMOLITION PLAN
FP101	FIRST FLOOR DEMOLITION PLAN
FP102	SECOND FLOOR DEMOLITION PLAN
FP200	GROUND FLOOR PLAN
FP201	FIRST FLOOR PLAN
FP202	SECOND FLOOR PLAN

SPRINKLER HEAD SCHEDULE

SYMBOL	TYPE	FINISH	TEMP. RATING	NOTES
1	SEMI-RECESSED	WHITE	155° F	QUICK RESPONSE AUTOMATIC CONCEALED TYPE SPRINKLER HEAD
2	UPRIGHT/ PENDANT	BRASS	155° F	QUICK RESPONSE TYPE SPRINKLER HEAD

(#) KEYED NOTE SYMBOL INDICATED TYPE OF SPRINKLER HEAD TO BE LOCATED IN THE INDICATED ROOM OR SPACE.

GENERAL INSTALLATION NOTES

1. FIRE PROTECTION SPRINKLER SYSTEM SHALL BE INSTALLED PER WISCONSIN FIRE CODE, NFPA 13 AND PER LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR TO PREPARE ALL FINAL DRAWINGS, CALCULATIONS, AND SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION.
2. ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION. ROUTE SPRINKLERS PIPING IN STRUCTURAL WEBBING OF FLOOR/CEILING JOIST IN AREAS WHERE PIPING IS EXPOSED. IT IS THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR TO VERIFY THE ROUTING OF ALL FIRE PROTECTION PIPING WITH OTHER DISCIPLINES.
3. VERIFY LOCATION OF ALL EQUIPMENT AND DUCTWORK LOCATION WITH ARCHITECTURAL AND MECHANICAL (HVAC) PLANS. PROVIDE SPRINKLER COVERAGE (DENSITIES AND HAZARDS) AT THESE LOCATIONS PER NFPA13.
4. VERIFY LOCATION OF ALL CEILING FANS AND LIGHT LOCATIONS WITH ELECTRICAL (LIGHTING) PLANS. PROVIDE SPRINKLER COVERAGE (DENSITIES AND HAZARDS) AT THESE LOCATIONS PER NFPA13.
5. VERIFY LOCATION OF ALL CLOSETS AND CONCEALED SPACES WITH ARCHITECTURAL PLANS. PROVIDE SPRINKLER COVERAGE (DENSITIES AND HAZARDS) AT THESE LOCATIONS PER NFPA13.
6. VERIFY LOCATION OF ALL MECHANICAL AND STORAGE AREAS WITH ARCHITECTURAL PLANS. PROVIDE SPRINKLER COVERAGE (DENSITIES AND HAZARDS) AT THESE LOCATIONS PER NFPA13.
7. WHERE SPRINKLER HEADS ARE LOCATED IN LAY-IN CEILINGS, THE FIRE PROTECTION CONTRACTOR SHALL LOCATE THE HEAD IN CENTER OF CEILING TILES. FLEXIBLE CONNECTORS TO SPRINKLER HEADS ARE ACCEPTABLE.
8. WHERE SPRINKLERS HEADS ARE LOCATED IN A PAINTED SOFFIT, WOOD SOFFIT, OR CEILING, THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN A COLOR SAMPLE FROM THE ARCHITECT AND HAVE THE COVER PLATE FACTORY PAINTED TO MATCH ADJACENT SURFACE.
9. PROVIDE DRAIN DOWN VALVES AT LOW POINTS OF THE FIRE SPRINKLERS SYSTEMS.
10. PROVIDE INSPECTOR TEST LOCATIONS AT REMOTE END OF FIRE SPRINKLER SYSTEM ZONES.
11. NO EXISTING FIRE PROTECTION PLANS ARE AVAILABLE. ALL EXISTING SYSTEMS AND PIPING SHALL BE FIELD VERIFIED BY THE FIRE PROTECTION CONTRACTOR. MODIFY THE EXISTING SYSTEM AS REQUIRED TO PROVIDE A COMPLETE AND OPERABLE FIRE PROTECTION SPRINKLER SYSTEMS THROUGHOUT THE ENTIRE BUILDING. ALL MODIFICATIONS TO THE EXISTING FIRE PROTECTION SYSTEMS REQUIRED FOR THE REMODELED AREAS ARE TO BE INCLUDED IN THE FIRE PROTECTION CONTRACTOR'S SCOPE OF WORK.
12. COORDINATE REMOVAL AND REPLACEMENT OF EXISTING GYPSUM BOARD AT METAL STUD PARTITIONS AND CEILINGS AS REQUIRED FOR ALL FIRE PROTECTION WORK WITH CONSTRUCTION MANAGER.

DESIGN PROFESSIONAL

NAME: BEN NERAT, PE
COMPANY: MSA
EMAIL: BNERAT@MSA-PS.COM
PHONE: (920) 243 - 4033

MSA PROJECT: 20426108

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209 south water street, milwaukee, wisconsin 53204 t 414 319 8700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
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REVISIONS:

SYMBOLS & ABBREVIATIONS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP001

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Section 2, 8mm B

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2310 crossroads drive, suite 3000, madison, wisconsin 53718 t 608 240 9900
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GROUND FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP100

64

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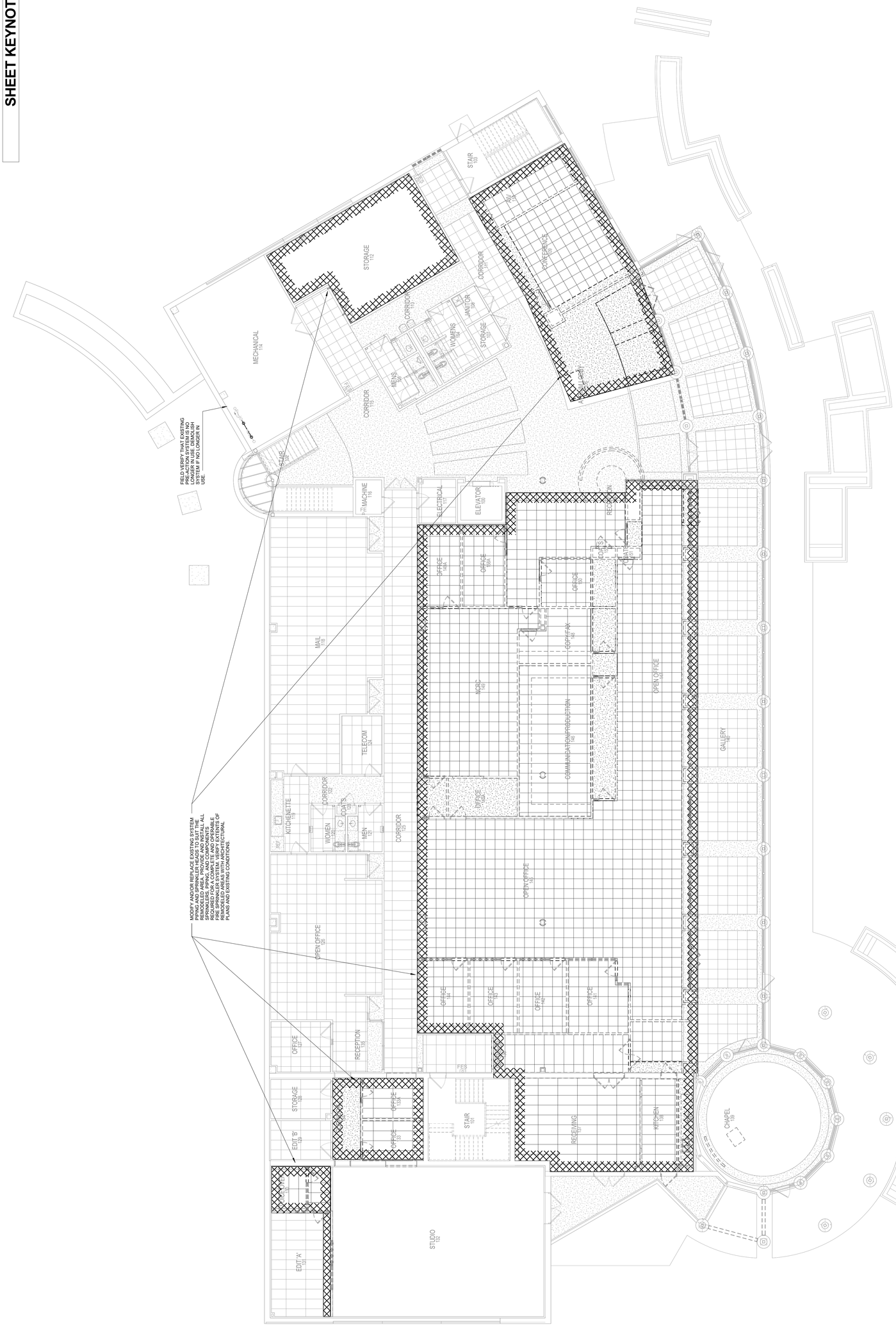
SHEET KEYNOTES

MODIFY AND/OR REPLACE EXISTING SYSTEM PIPING AND SPRINKLER HEADS TO SUIT THE REMODELED FLOOR PLAN. PROVIDE ALL ALL SPRINKLERS, PIPING, AND COMPONENTS REQUIRED FOR A COMPLETE AND OPERABLE FIRE SUPPRESSION SYSTEM THAT EXTENDS OF REMODELED AREAS WITH ARCHITECTURAL PLANS AND EXISTING CONDITIONS.

FIELD VERIFY THAT EXISTING PREACTION SYSTEM IS NO LONGER IN USE. DEMO SYSTEM IF NO LONGER IN USE.



NORTH

GROUND FLOOR DEMOLITION PLAN - FIRE PROTECTION
1/8" = 1'-0"

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FIRST FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP104

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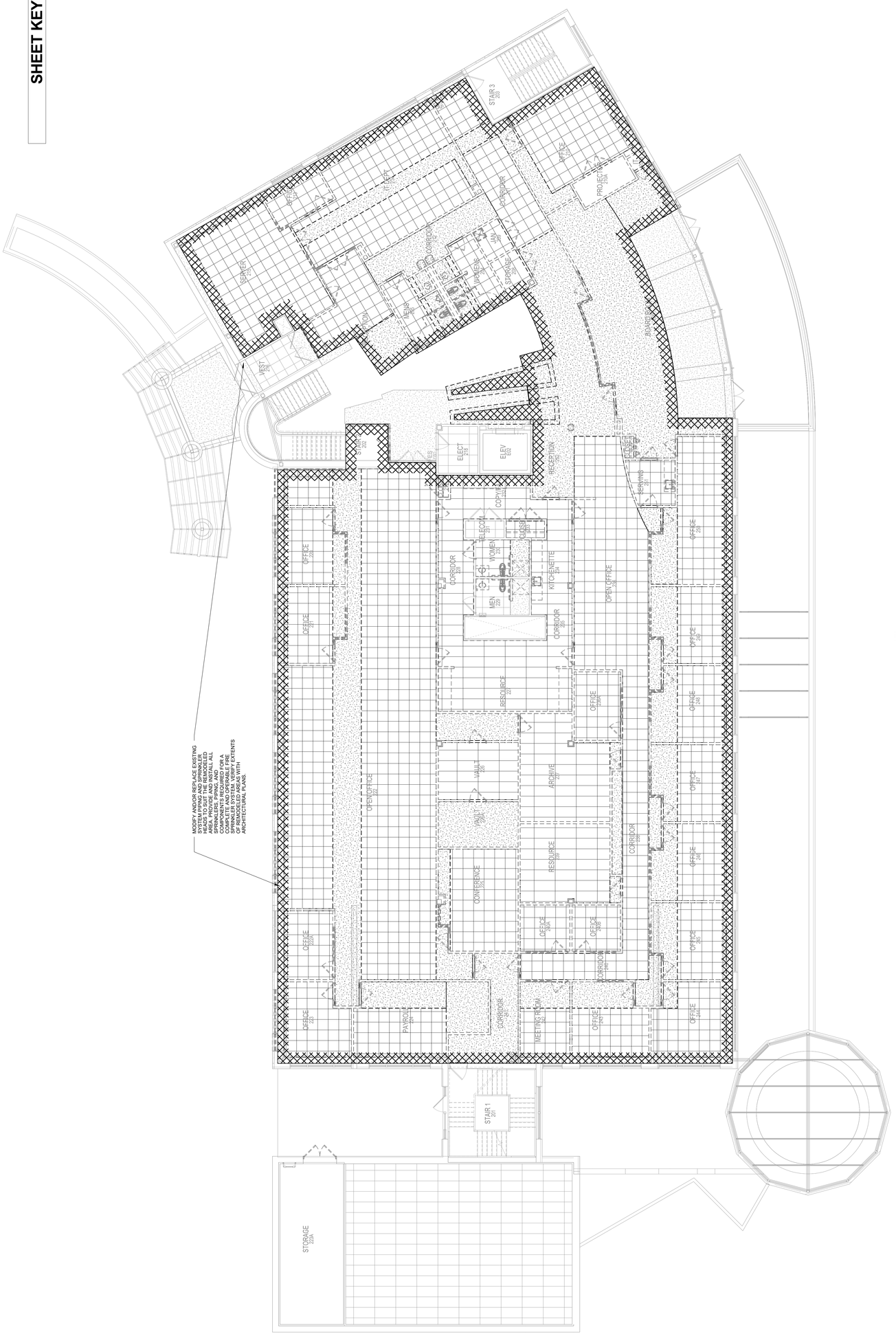
SHEET KEYNOTES

MODIFY AND/OR REPLACE EXISTING SYSTEM PIPING AND SPRINKLER HEADS TO SUIT THE REMODELED AREAS. PROVIDE NEW HEADS ALL SPRINKLERS, PIPING, AND CONNECTIONS REQUIRED FOR A COMPLETE AND OPERABLE FIRE PROTECTION SYSTEM THROUGHOUT EXTENTS OF REMODELED AREAS WITH ARCHITECTURAL PLANS.

NORTH
FIRST FLOOR DEMOLITION PLAN - FIRE PROTECTION
1/8" = 1'-0"



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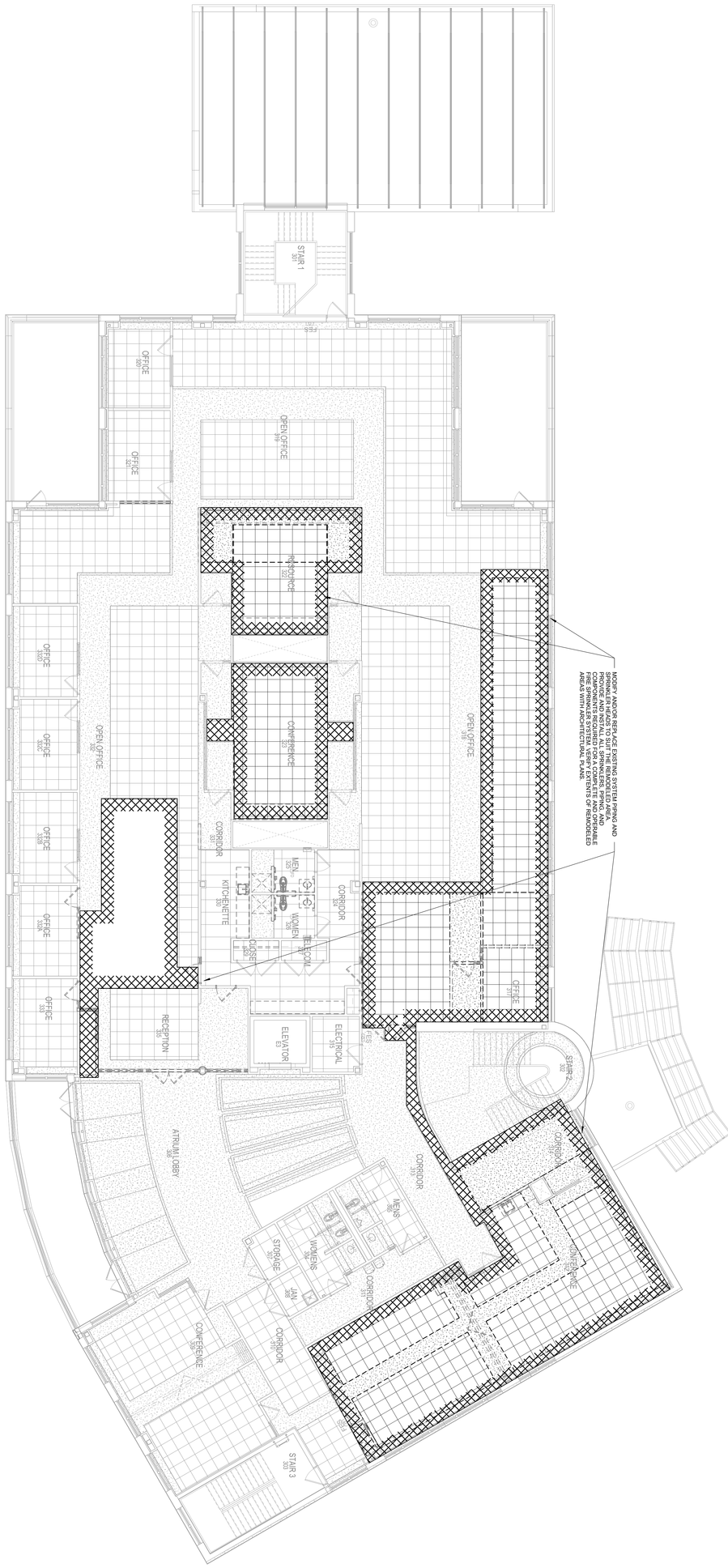

NORTH
1/8" = 1'-0"

SECOND FLOOR DEMOLITION PLAN - FIRE PROTECTION

SHEET KEYNOTES

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FP102

CONSTRUCTION SET
DATE: 08-19-22
JOB NO. 220040-01
SHEET NO.

SECOND FLOOR DEMOLITION PLAN

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Sections 2, Item B

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GROUND FLOOR PLAN

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CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP200

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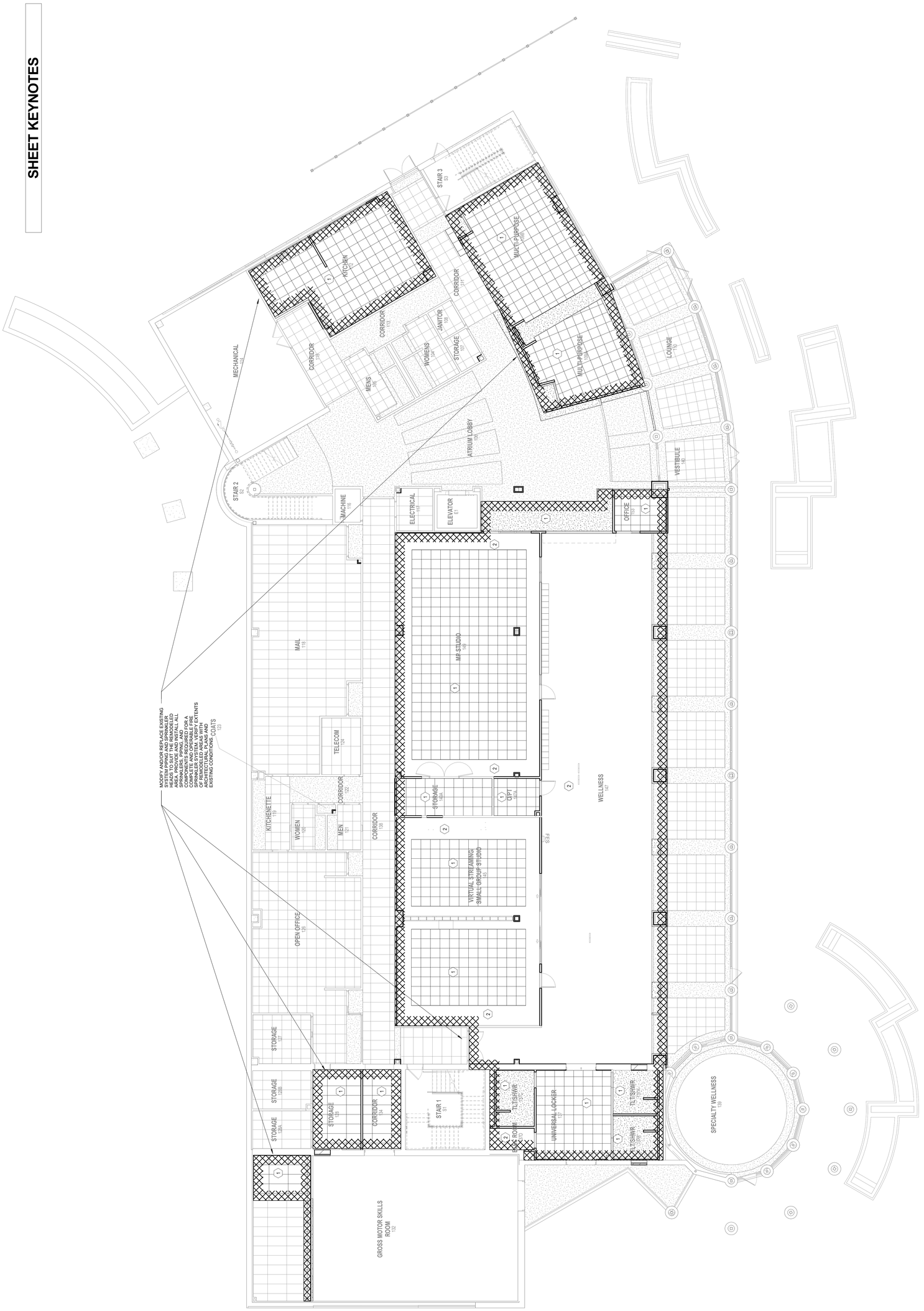
311 canyon wren dr, buda, tx 78610 t 737 525 0900

Section 3, Item B

SHEET KEYNOTES

MODIFY AND/OR REPLACE EXISTING FIRE SPRINKLER HEADS AS NEEDED. HEADS TO SUIT THE REMODELED CEILING TYPE AND LAYOUT. ALL SPRINKLER PIPING AND COMPONENTS REQUIRED FOR A COMPLETE AND OPERATIONAL FIRE SPRINKLER SYSTEM. VERIFY EXTENTS OF REQUIRED REMODEL WORK WITH ARCHITECTURAL PLANS AND EXISTING CONDITIONS.



GROUND FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"

NORTH

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FIRST FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP2.04

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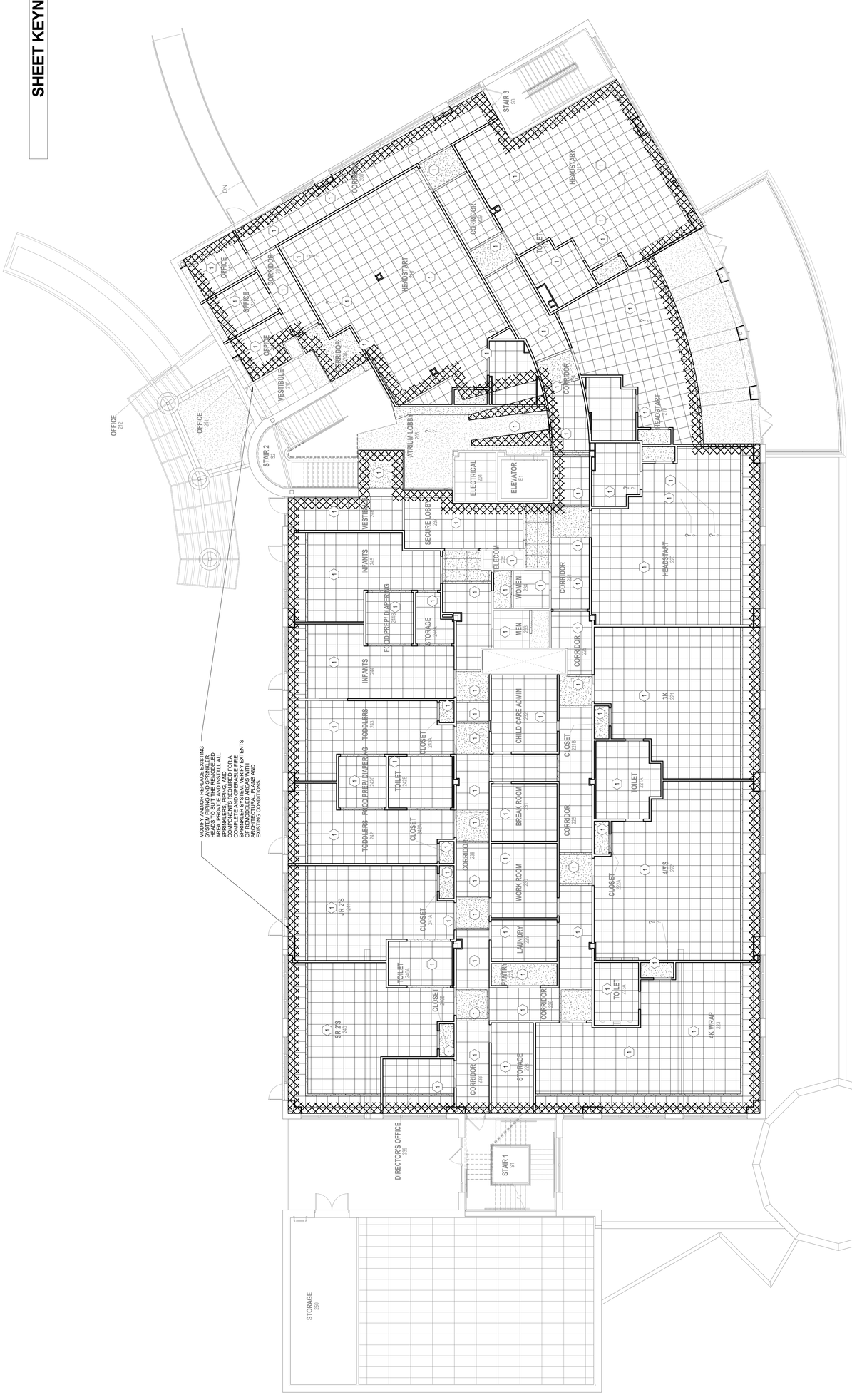
311 canyon wren dr, buda, tx 78610 t 737 525 0900

Section 3, 8mm B

SHEET KEYNOTES

MODIFY AND/OR REPLACE EXISTING SYSTEM PIPING AND SPRINKLER HEADS TO SUIT THE RESCHEDULED AND NEW WALLS AND CEILINGS. SPRINKLERS, PIPING, AND COMPONENTS SHALL BE FOR A COMPLETE AND OPERABLE FIRE SPRINKLER SYSTEM AT ALL EXTENTS OF REMODELED AREAS WITH ARCHITECTURAL PLANS AND EXISTING CONDITIONS.



NORTH

FIRST FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"

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SECOND FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: FP202

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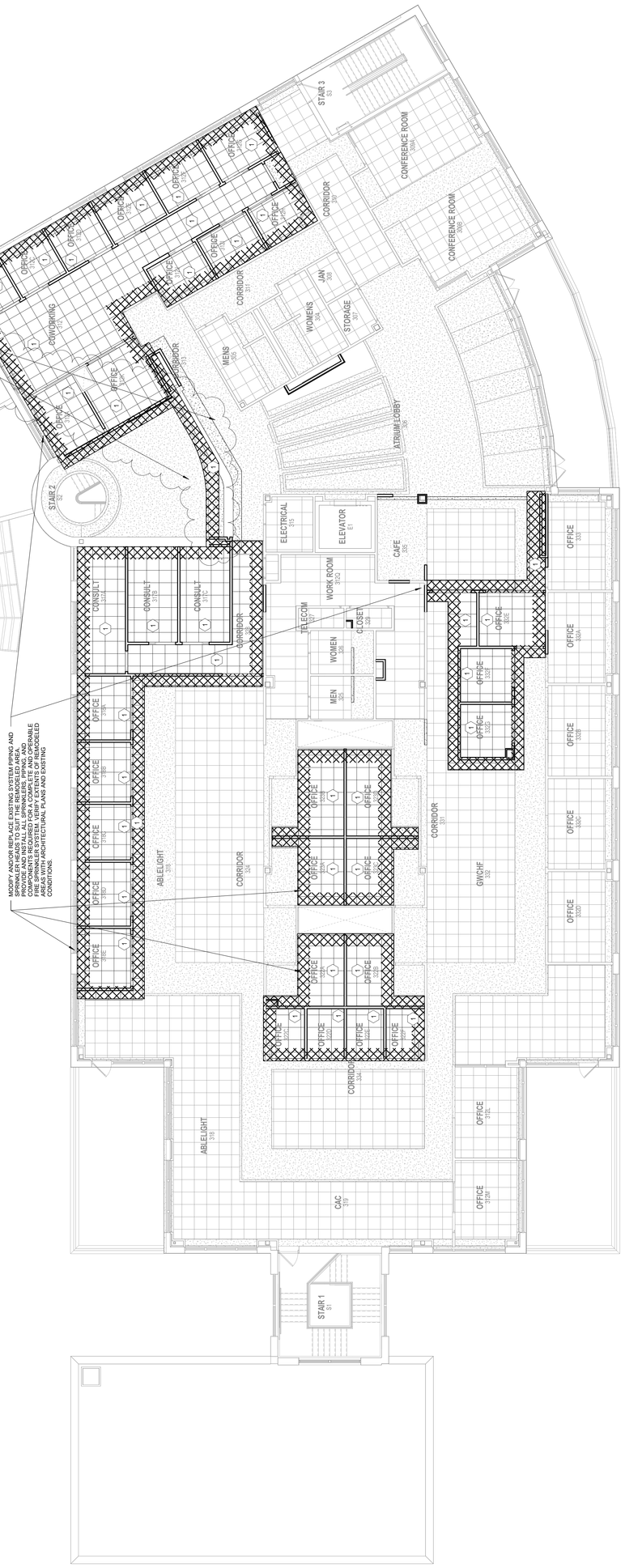
SHEET KEYNOTES

ADD1

MODIFY AND/OR REPLACE EXISTING SYSTEM PIPING AND SPRINKLER HEADS TO SUIT THE REMODELED AREA. PROVIDE ADDITIONAL ALL DRAWINGS AND ADD COMPONENTS REQUIRED FOR A COMPLETE AND OPERABLE FIRE SPRINKLER SYSTEM. VERIFY EXTENT OF REMODELED AREA WITH ARCHITECTURAL PLANS AND EXISTING CONDITIONS.

MODIFY AND/OR REPLACE EXISTING SYSTEM PIPING AND SPRINKLER HEADS TO SUIT THE REMODELED AREA. PROVIDE ADDITIONAL ALL DRAWINGS AND ADD COMPONENTS REQUIRED FOR A COMPLETE AND OPERABLE FIRE SPRINKLER SYSTEM. VERIFY EXTENT OF REMODELED AREA WITH ARCHITECTURAL PLANS AND EXISTING CONDITIONS.


STAIR 3
CONFERENCE ROOM
CONFERENCE ROOM
CORRIDOR
COWORKING
OFFICE
OFFICES
CORRIDOR
JAN
WOMENS
MENS
STORAGE
CORRIDOR
ATRIUM LOBBY
STAIR 2
ELECTRICAL
ELEVATOR
CAFE
OFFICE
CONSULT
CONSULT
CONSULT
CORRIDOR
TELECOM
WORK ROOM
CLOSET
WOMEN
MEN
OFFICE
OFFICE
OFFICE

LEGEND

NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS.

SYM.	ABBR.	IDENTIFICATION	SYM.	ABBR.	IDENTIFICATION
PIPING ACCESSORIES					
	CO	CLEAN OUT			UNION
	WCO	WALL CLEAN OUT			THERMOMETER
	FCO	FLOOR CLEAN OUT (FLUSH)			PRESSURE GAUGE
	BFP	BACKFLOW PREVENTER		HB	HOSE BIBB
	PRV	PRESSURE REDUCING VALVE		RD / OF	ROOF DRAIN / OVERFLOW DRAIN
		SHUTOFF VALVE		DSN	DOWN SPOUT NOZZLE
		BALANCE VALVE		FD	FLOOR DRAIN
		CHECK VALVE		HD	HUB DRAIN - PVC
	WHA	WATER HAMMER ARRESTOR		FS	FLOOR SINK - 1/2 GRATE
		PIPE UP / TEE UP / PIPE DOWN	(X)		FIXTURE UNIT
		BREALINE / TEE DOWN / PIPE CAP	XXX - ##		FIXTURE TAG (SEE PLUMBING SCHEDULES)
PIPING					
— · —	CW	COLD HARD WATER PIPING	— P —	P	PROCESS DRAIN PIPING
— S —	CWS	COLD SOFT WATER PIPING	— IN —	IN	EQUIPMENT INTAKE PIPING
— - - —	HW	HOT WATER SUPPLY PIPING - 120°	— EH —	EH	EQUIPMENT EXHAUST PIPING
— - - - —	HWR	HOT WATER RETURN PIPING - 120°	— PD —	PD	PUMPED DISCHARGE DRAIN PIPING
— 140S —	140 HWS	HOT WATER SUPPLY PIPING - 140°	— FP —	FP	FIRE PROTECTION SPRINKLER WET PIPING
— 140R —	140 HWR	HOT WATER RETURN PIPING - 140°	– FP DRY –	FP DRY	FIRE PROTECTION SPRINKLER DRY PIPING
– HP CW –	HP CW	HIGH PRESSURE COLD WATER SUPPLY	— FP —	FP	FIRE PROTECTION SPRINKLER WET PIPING
– HP HW –	HP HW	HIGH PRESSURE HOT WATER SUPPLY	— G —	G	GAS PIPING - NATURAL
–HP HWR–	HP HWR	HIGH PRESSURE HOT WATER RETURN	— A —	AIR	AIR PIPING - COMPRESSED
—NP—	NP	NON-POTABLE WATER PIPING	—HS—	HS	HYDRAULIC SUPPLY PIPING
–NP HW–	NP HW	NON-POTABLE HOT WATER SUPPLY	—HR—	HR	HYDRAULIC RETURN PIPING
–NP HWR–	NP HWR	NON-POTABLE HOT WATER RETURN	—NIT—	NIT	NITROGEN PIPING
— TW —	TW	TEMPERED WATER PIPING	— CO2—	CO2	CARBON DIOXIDE PIPING
—SAN—	SAN	SANITARY DRAIN / WASTE PIPING	— G —	G	GAS PIPING - NATURAL
—GW—	GW	SANITARY GREASE WASTE PIPING	— A —	AIR	AIR PIPING - COMPRESSED
— - - - —	V	SANITARY VENT PIPING	— ACE—	ACE	WELDING GAS - ACETYLENE PIPING
— ST —	ST	STORM / CONDUCTOR PIPING	—ARG—	ARG	WELDING GAS - ARGON PIPING
— OF —	OF	STORM / CONDUCTOR PIPING - OVERFLOW	— A/O —	A/O	WELDING GAS - ARGON / OXYGEN PIPING
— AW —	AW	ACID WASTE PIPING	— OXY—	OXY	WELDING GAS - OXYGEN PIPING
— AV —	AV	ACID VENT PIPING	— MA —	MA	MEDICAL GAS - AIR PIPING
—CLW—	CLW	CLEARWATER WASTE PIPING	— MV —	MV	MEDICAL GAS - VACUUM PIPING
—CLV—	CLV	CLEARWATER VENT PIPING	— MO —	OXY	MEDICAL GAS - OXYGEN PIPING
MISCELLANEOUS					
	EL	ELEVATION		C.T.E.	CONNECT TO EXISTING
		SECTION NUMBER / SHEET NUMBER			CALLOUT OR DETAIL NUMBER / SHEET NUMBER
ABBREVIATIONS					
	AFF	ABOVE FINISHED FLOOR		NIC	NOT IN CONTRACT
	AFG	ABOVE FINISHED GRADE		NTS	NOT TO SCALE
	BFF	BELOW FINISHED FLOOR		OC	ON CENTER
	EX	EXISTING		RI	ROUGH IN
	EC	ELECTRICAL CONTRACTOR		BJ	BETWEEN JOISTS
	FPC	FIRE PROTECTION CONTRACTOR		TJ	THRU JOISTS
	GC	GENERAL CONTRACTOR / CONSTRUCTION MANAGER		TTS	TIGHT TO STRUCTURE
	PC	PLUMBING CONTRACTOR		TYP	TYPICAL
	MC	MECHANICAL CONTRACTOR		VTR	VENT THRU ROOF
	IE	INVERT ELEVATION		WP	WEATHER PROOF
FIRE RATED WALLS					
		FIRE - 1 HOUR			FIRE - 3 HOUR
		FIRE - 2 HOUR			FIRE - 4 HOUR

DOMESTIC WATER...

WATER PRESSURE INFORMATION

1	STATIC PRESSURE AT WATER MAIN	78	PSIG
2	RESIDUAL PRESSURE AT WATER MAIN	70	PSIG
3	RESIDUAL FLOW AT WATER MAIN	1960	GPM
4	FIXTURE UNITS	258	W.S.F.U.
5	PREDOMINATE FLUSH TYPE: TANK OR VALVE	VALVE	
6	TOTAL DESIGN FLOW	101.0	GPM
7	RESIDUAL PRESSURE AT DESIGN FLOW DEMAND	78.0	PSIG
8	SAFETY FACTOR	0.00	PSIG
9	PRESSURE AVAILABLE AT WATER MAIN AT DESIGN FLOW	77.97	PSIG

WATER SERVICE SIZING

10	ELEVATION OF FLOW TEST HYDRANT	114.00	FEET
11	ELEVATION OF WATER METER	100.00	FEET
12	ELEVATION DIFFERENCE OF FLOW TEST HYDRANT AND WATER METER	-14.00	FEET
13	WATER SERVICE MATERIAL TYPE	DUCTILE IRON	
14	TOTAL DEVELOPED LENGTH FROM WATER MAIN TO WATER METER	200	FEET
15	WATER SERVICE SIZE	6.00	INCHES

AVAILABLE WATER PRESSURE

16	UNIFORM PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	0.04	PSIG/100'	
17	TOTAL PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	0.09	PSIG	
18	ELEVATION PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	-6.1	PSIG	
19	WATER METER SIZE	2.00	INCHES	
20	PRESSURE LOSS DUE TO WATER METER	5.00	PSIG	
21	PRESSURE LOSS DUE TO WATER TREATMENT EQUIPMENT	0.00	PSIG	
22	AVAILABLE PRESSURE AFTER WATER METER / TREATMENT EQUIPMENT	78.96	PSIG	
23	PRESSURE LOSS DUE TO PRESSURE REDUCING VALVE	0.00	PSIG	**EX. PRESSURE**
24	PRESSURE REDUCING VALVE OUTLET SETTING	75.00	PSIG	**REDUCING VALVE IS**
25	PRESSURE DROP THRU PRESSURE REDUCING VALVE	3.96	PSIG	**INSTALLED**
26	AVAILABLE WATER PRESSURE FOR DISTRIBUTION - START POINT	75.00	PSIG	

WATER DISTRIBUTION SIZING - COLD WATER

A	AVAILABLE WATER PRESSURE FOR DISTRIBUTION - START POINT	75.00 PSIG	PIPE	COPPER	
B	CONTROLLING FIXTURE TAG	WC-1	SIZE	Flush	Flush
C	CONTROLLING FIXTURE ROOM NAME	TOILET	INCHES	tank	valve
D	CONTROLLING FIXTURE ROOM NUMBER	233A	1/2	4.0	NP
E	CONTROLLING FIXTURE REQUIRED PRESSURE	25.00 PSIG	3/4	14.0	4.0
F	ELEVATION DIFFERENCE OF CONTROLLING FIXTURE AND WATER METER	14.50 FEET	1	31.0	6.5
G	PRESSURE LOSS DUE TO WATER TREATMENT EQUIPMENT	0.00 PSIG	1 1/4	58.0	15.0
H	PRESSURE LOSS DUE TO THERMOSTATIC MIXING VALVE	0.00 PSIG	1 1/2	107.0	37.0
I	PRESSURE AVAILABLE FOR PIPING PRESSURE DROP	43.71 PSIG	2	260.0	136.0
J	DEVELOPED LENGTH START POINT TO CONTROLLING FIXTURE	270 FEET	2 1/2	469.0	356.0
K	EQUIVALENT LENGTH START POINT TO CONTROLLING FIXTURE	405 FEET	3	752.0	698.0
L	PRESSURE AVAILABLE FOR UNIFORM LOSS	10.79 PSIG/100'	4	1792.0	1792.0

WATER DISTRIBUTION SIZING - HOT WATER

M	AVAILABLE WATER PRESSURE FOR DISTRIBUTION - START POINT	75.00 PSIG	PIPE	COPPER
N	CONTROLLING FIXTURE TAG	S-1	SIZE	Flush
O	CONTROLLING FIXTURE ROOM NAME	4K WRAP	INCHES	tank
P	CONTROLLING FIXTURE ROOM NUMBER	223	1/2	3.0
Q	CONTROLLING FIXTURE REQUIRED PRESSURE	20.00 PSIG	3/4	10.5
R	ELEVATION DIFFERENCE OF CONTROLLING FIXTURE AND WATER METER	14.50 FEET	1	26.5
S	PRESSURE LOSS DUE TO TREATMENT EQUIPMENT	15.00 PSIG	1 1/4	58.0
T	PRESSURE LOSS DUE TO THERMOSTATIC MIXING VALVE	5.00 PSIG	1 1/2	107.0
U	PRESSURE AVAILABLE FOR PIPING PRESSURE DROP	28.71 PSIG	2	260.0
V	DEVELOPED LENGTH START POINT TO CONTROLLING FIXTURE	270 FEET	2 1/2	469.0
W	EQUIVALENT LENGTH START POINT TO CONTROLLING FIXTURE	405 FEET	3	752.0
X	PRESSURE AVAILABLE FOR UNIFORM LOSS	7.09 PSIG/100'	4	1792.0

WATER PIPE MATERIAL

Y	PIPE MAINS AND BRANCHES	**COPPER**
Z	PIPE SUPPLY TO EACH FIXTURE	**COPPER**

PLUMBING CONNECTION SCHEDULE

TYPE MARK	CWFU	DIAMETER COLD	HWFU	DIAMETER HOT	WFU	DIAMETER DRAIN	DIAMETER VENT	DESCRIPTION
EEW-1	2	0' - 0 1/2"	2	0' - 0 1/2"	2	0' - 2"	0' - 1 1/2"	EMERGENCY STATION
EWC-1	0.5	0' - 0 1/2"	-	-	0.5	0' - 2"	0' - 1 1/2"	ELECTRIC WATER COOLER
FD-1	-	-	-	-	-	-	-	FLOOR DRAIN
FD-2	-	-	-	-	3	0' - 3"	0' - 1 1/2"	FLOOR DRAIN
FS-1	-	-	-	-	0	0' - 3"	0' - 1 1/2"	FLOOR SINK
GI-1	-	-	-	-	3	0' - 3"	-	GREASE INTERCEPTOR
L-1	-	-	-	-	-	-	-	LAVATORY
S-1	0.5	0' - 0 1/2"	0.5	0' - 0 1/2"	1	0' - 2"	0' - 1 1/2"	SINK
S-2	1.5	0' - 0 1/2"	1.5	0' - 0 1/2"	2	0' - 2"	0' - 1 1/2"	SINK
S-3	1.5	0' - 0 1/2"	1.5	0' - 0 1/2"	2	0' - 2"	0' - 1 1/2"	SINK
S-4	0.5	0' - 0 1/2"	-	0' - 0 1/2"	0.5	0' - 2"	0' - 1 1/2"	SINK
SH-1	2	0' - 0 1/2"	2	0' - 0 1/2"	2	0' - 2"		SHOWER
SS-1	2	0' - 0 1/2"	2	0' - 0 1/2"	3	0' - 2"	0' -' 1 1/2"	SERVICE SINK
VB-1	0.5	0' - 0 1/2"	-	-	-	-	-	VALVE BOX
VB-2	2	0' - 0 1/2"	2	0' - 0 1/2"	4	0' - 2"	0' - 1 1/2"	VALVE BOX
WC-1	6.5	0' - 1 1/4"	-	-	6	0' - 4"	0' - 2"	WATER CLOSET
WC-2	6.5	0' - 1 1/4"	-	-	6	0' - 4"	0' - 2"	WATER CLOSET
WC-3	6.5	0' - 1 1/4"	-	-	6	0' - 4"	0' - 2"	WATER CLOSET

GREASE INTERCEPTOR CALCULATIONS -...

SINK(S)	COMPARTMENT NUMBER OF	LENGTH (INCHES)	WIDTH (INCH)	DEPTH (INCHES)	VOLUME (CU. IN.)	VOLUME (GALLONS)	VOLUME x 0.75	FLOW RATE (GPM)
FOUR COMPARTMENT	1	18	21.5	18	6,966	30	23	22.6

EQUIPMENT	NUMBER OF	RACKS PER HOUR	GALLONS PER RACK	GALLONS PER HOUR	LIQUID HOLDING CAPACITY ÷ 2	FLOW RATE (GPM)
DISH MACHINE	1	30	1.25	37.5	19	18.8

TOTAL REQUIRED FLOW RATE (GPM)	41.4

SHEET INDEX - PLUMBING

SHEET NUMBER	SHEET NAME
P001	SYMBOLS & ABBREVIATIONS
P100	FOUNDATION DEMOLITION PLAN
P101	GROUND FLOOR DEMOLITION PLAN
P102	FIRST FLOOR DEMOLITION PLAN
P103	SECOND FLOOR DEMOLITION PLAN
P200	FOUNDATION PLAN
P201	GROUND FLOOR PLAN
P202	FIRST FLOOR PLAN
P203	SECOND FLOOR PLAN
P300	SANITARY DWV ISOMETRIC
P301	SANITARY DWV AND STORM ISOMETRIC
P302	DOMESTIC WATER ISOMETRIC
P400	DETAILS
P401	DETAILS
P500	SCHEDULES
P501	SCHEDULES

GENERAL INSTALLATION NOTES

1. SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
2. PLUMBING INSTALLATION SHALL BE INSTALLED PER WISCONSIN UNIFORM PLUMBING CODE AND PER LOCAL PLUMBING CODE FOR ITEMS NOT NOTED OR SHOWN ON THESE DRAWINGS.
3. EXISTING PLUMBING SHOWN ON THESE DRAWING REFLECT A COMBINATION OF THE EXISTING CONTRACT DRAWINGS, AS-BUILT RECORD DRAWINGS, FIELD SURVEYS AND THE ENGINEER'S ESTIMATION OF PIPE ROUTES. ALL EXISTING PLUMBING LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. REROUTE NEW PIPING AS REQUIRED PER FIELD CONDITIONS.
4. FIELD VERIFY UNDERGROUND PIPING LOCATION, DEPTH AND SIZE AT POINT OF CONNECTION AND THAT NEW PIPE ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION OF ANY UNDERGROUND PIPING. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
6. ROUTE ALL PIPING IN COORDINATION WITH OTHER TRADES.
7. FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
8. SEE ARCHITECTURAL SHEETS FOR ADA RELATED INSTALLATION DETAILS.
9. SEE STRUCTURAL FOOTING, TRUSS AND JOIST ELEVATIONS AND DETAILS.
10. SEE MECHANICAL PLANS FOR AREAS THAT ARE USED AS A RETURN AIR PLENUM. PROVIDE PLENUM RATED PIPE OR PIPE WRAP AS PER PROJECT'S PLUMBING SPECIFICATIONS.
11. SEE MECHANICAL PLANS AND HVAC CONTRACTOR FOR FINAL LOCATION OF HVAC EQUIPMENT IN MECHANICAL / BOILER ROOMS TO COORDINATE FINAL LOCATIONS OF FLOOR / HUB / SITE DRAINS PRIOR TO INSTALLATION.
12. SEE PLUMBING ISOMETRICS SHEETS FOR PIPE SIZE AND LOAD INFORMATION NOT SHOWN ON FLOOR PLANS.
13. SLOPE ALL SANITARY AND STORM PIPING 3" AND LARGER AT 1/8"/FT UNLESS NOTED OTHERWISE.
14. SLOPE ALL SANITARY AND STORM PIPING 2" AND SMALLER AT 1/4"/FT UNLESS NOTED OTHERWISE.
15. SLOPE ALL SANITARY GREASE WASTE PIPING AT 1/4"/FT UNLESS NOTED OTHERWISE.
16. INSTALL CLEANOUTS AT STACKS WHICH PENETRATE THE LOWEST FLOOR LEVEL 30" A.F.F. UNLESS NOTED OTHERWISE.
17. PROVIDE ISOLATION BALL VALVES AND BALANCING VALVES TO ISOLATE COLD WATER, HOT WATER SUPPLY AND HOT WATER RETURN BRANCH PIPING FROM ITS COLD WATER, HOT WATER SUPPLY AND HOT WATER RETURN MAIN PIPING FOR EACH PLUMBING FIXTURE OR ROOMS WITH MULTIPLE PLUMBING FIXTURES. ALL WATER SUPPLY PIPING SHALL BE FLUSHED AND HOT WATER PIPING SYSTEM BALANCED BY PLUMBING CONTRACTOR. SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
18. COORDINATE REMOVAL AND REPLACEMENT OF EXISTING GYPSUM BOARD AT METAL STUD PARTITIONS AND CEILINGS AS REQUIRED FOR ALL PLUMBING WORK WITH CONSTRUCTION MANAGER.

GENERAL DEMOLITION NOTES

1. SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
2. EXISTING PLUMBING SHOWN ON THESE DRAWING REFLECT A COMBINATION OF THE EXISTING CONTRACT DRAWINGS, AS-BUILT RECORD DRAWINGS, FIELD SURVEYS AND THE ENGINEER'S ESTIMATION OF PIPE ROUTES. ALL EXISTING PLUMBING LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. NOTIFY THE ENGINEER FOR ANY REUSED OF EXISTING PIPING THAT IS IN GOOD CONDITION AND SIZE APPROPRIATELY.
3. ALL PIPING AND FIXTURES SHOWN HEAVY DASHED ARE TO BE DEMOLISHED.
4. ALL PIPING AND FIXTURES SHOWN LIGHTER ARE EXISTING TO REMAIN.
5. COORDINATE DEMOLITION OF EXISTING PIPING TO BE REMOVED WITH GENERAL CONTRACTOR.
6. FIELD VERIFY LOCATIONS OF EXISTING PIPE MAINS. REUSE ANY PIPING OF SUFFICIENT SIZE IN GOOD CONDITION. REROUTE AS REQUIRED PER FIELD CONDITIONS.
7. WHERE EXISTING PIPING IS SHOWN TO BE REMOVED, CAP BRANCH PIPE IF NOT BEING USED FOR NEW CONSTRUCTION.

DESIGN PROFESSIONAL

NAME: BEN NERAT, PE
COMPANY: MSA
EMAIL: BNERAT@MSA-PS.COM
PHONE: (920) 243 - 4033
MSA PROJECT: 20426108

209 south water street, milwaukee, wisconsin 53204 t 414.289.9700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.9700
1970 main street, suite 309, sarasota, florida 34236 t 941.444.8881
311 canyon wren dr, buda, tx 78610 t 737.525.0900

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ENGINEERING DESIGN BY MSA (800) 382-4555 • www.msa-ps.com

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SYMBOLS & ABBREVIATIONS

CONSTRUCTION SET

DATE: 08-19-22
JOB NO. 220040-01
SHEET NO: P001

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Section 2, item B

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FOUNDATION DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P100 (71)

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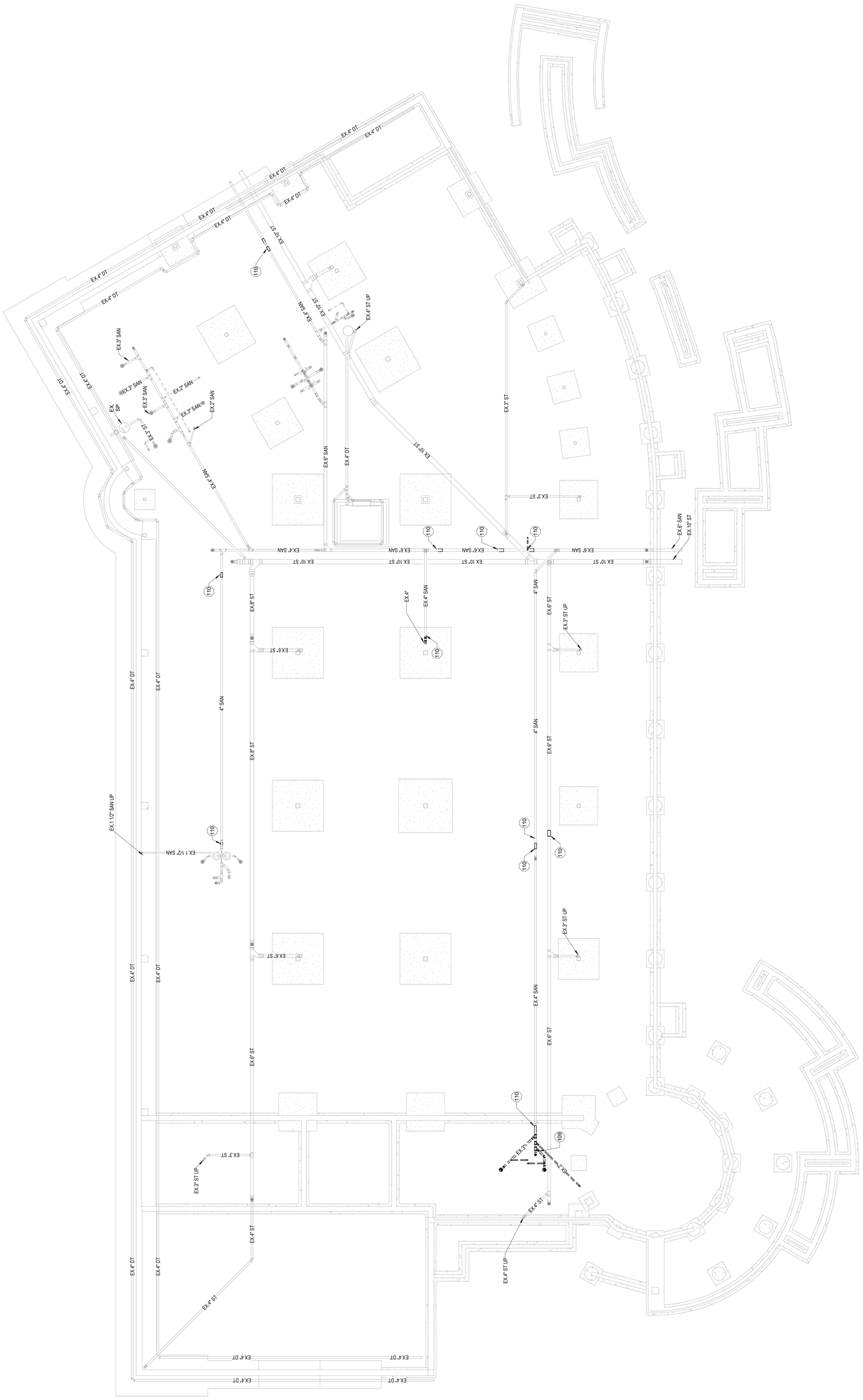
SHEET KEYNOTES

109	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND CAP
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.



NORTH

FOUNDATION DEMOLITION PLAN - PLUMBING
1/8" = 1'-0"

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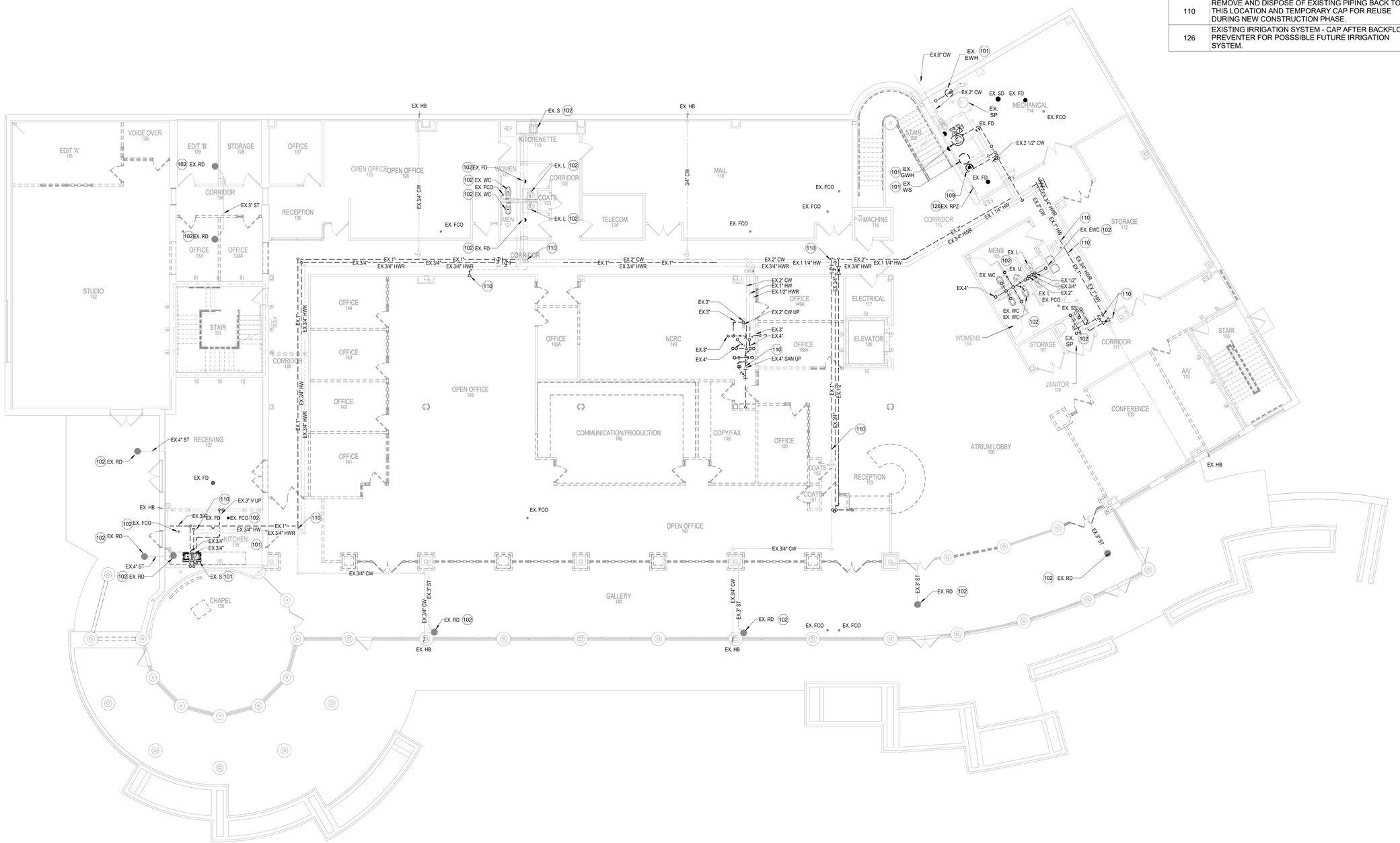
SHEET KEYNOTES	
101	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE / EQUIPMENT. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAP BACK TO ACTIVE WATER MAIN OR BRANCH PIPING.
102	EXISTING PLUMBING FIXTURE / EQUIPMENT / PIPING IN THIS AREA SHALL REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. ENSURE PROPER OPERATION OF FIXTURE /EQUIPMENT BEFORE COMPLETION OF PROJECT.
109	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND CAP.
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.
126	EXISTING IRRIGATION SYSTEM - CAP AFTER BACKFLOW PREVENTER FOR POSSSIBLE FUTURE IRRIGATION SYSTEM.



NORTH

GROUND FLOOR DEMOLITION PLAN - PLUMBING

1/8" = 1'-0"

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GROUND FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22

JOB NO. 220040-01

SHEET NO: P104

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SHEET KEYNOTES	
101	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE / EQUIPMENT. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAP BACK TO ACTIVE WATER MAIN OR BRANCH PIPING.
102	EXISTING PLUMBING FIXTURE / EQUIPMENT / PIPING IN THIS AREA SHALL REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. ENSURE PROPER OPERATION OF FIXTURE /EQUIPMENT BEFORE COMPLETION OF PROJECT.
103	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE AND ASSOCIATED TRIM. EXISTING WATER AND WASTE SUPPLY PIPING SHALL REMAIN FOR FUTURE CONNECTION OF NEW PLUMBING FIXTURE IN THE NEW CONSTRUCTION PHASE.
108	REMOVE AND DISPOSE OF EXISTING PIPING IN THIS AREA. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING.
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.

NORTH

FIRST FLOOR DEMOLITION PLAN - PLUMBING

1/8" = 1'-0"

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FIRST FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: P102

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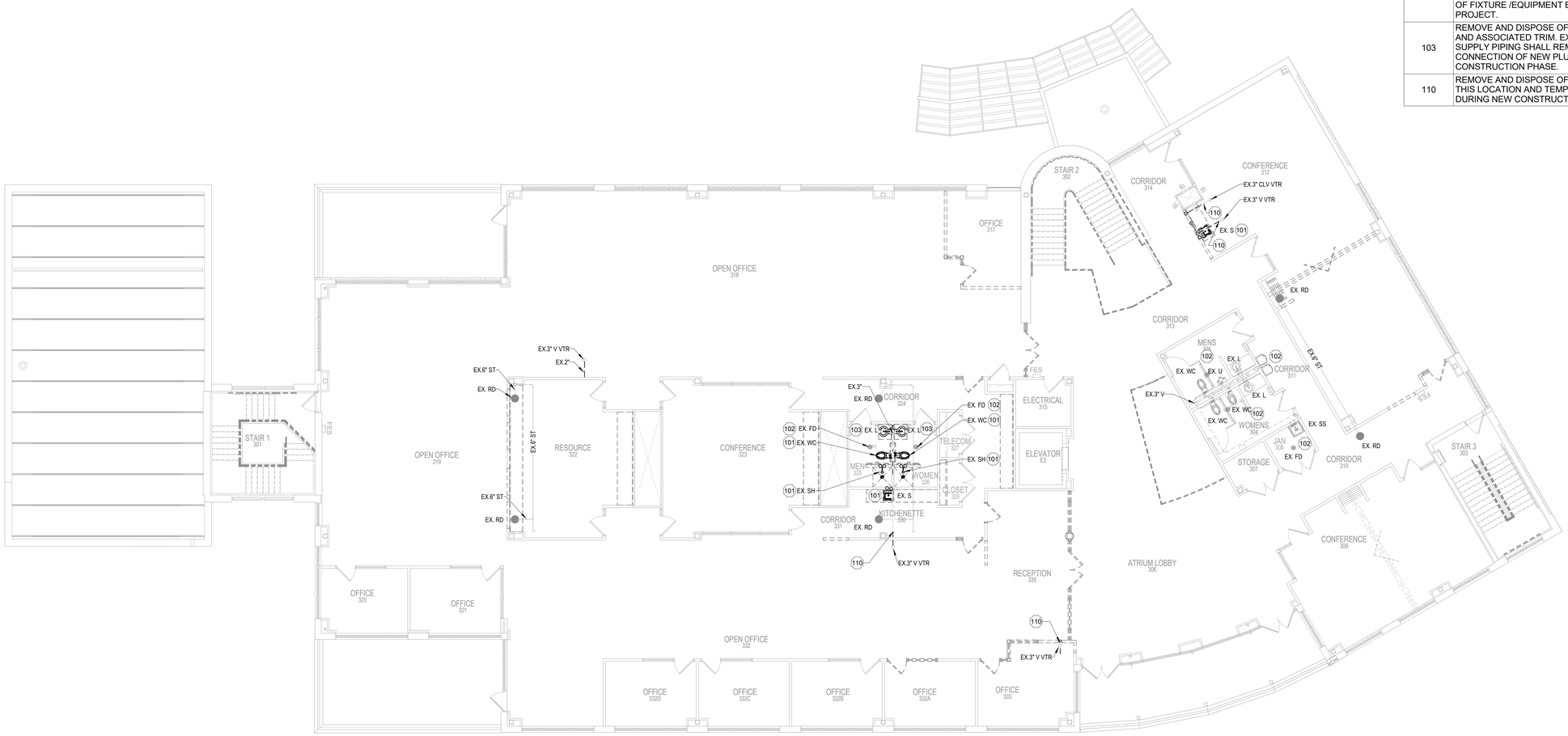
SHEET KEYNOTES	
101	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE / EQUIPMENT. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAP BACK TO ACTIVE WATER MAIN OR BRANCH PIPING.
102	EXISTING PLUMBING FIXTURE / EQUIPMENT / PIPING IN THIS AREA SHALL REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. ENSURE PROPER OPERATION OF FIXTURE /EQUIPMENT BEFORE COMPLETION OF PROJECT.
103	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE AND ASSOCIATED TRIM. EXISTING WATER AND WASTE SUPPLY PIPING SHALL REMAIN FOR FUTURE CONNECTION OF NEW PLUMBING FIXTURE IN THE NEW CONSTRUCTION PHASE.
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.



NORTH

SECOND FLOOR DEMOLITION PLAN - PLUMBING

1/8" = 1'-0"

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SECOND FLOOR DEMOLITION PLAN

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DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P102

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FOUNDATION PLAN

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DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P200

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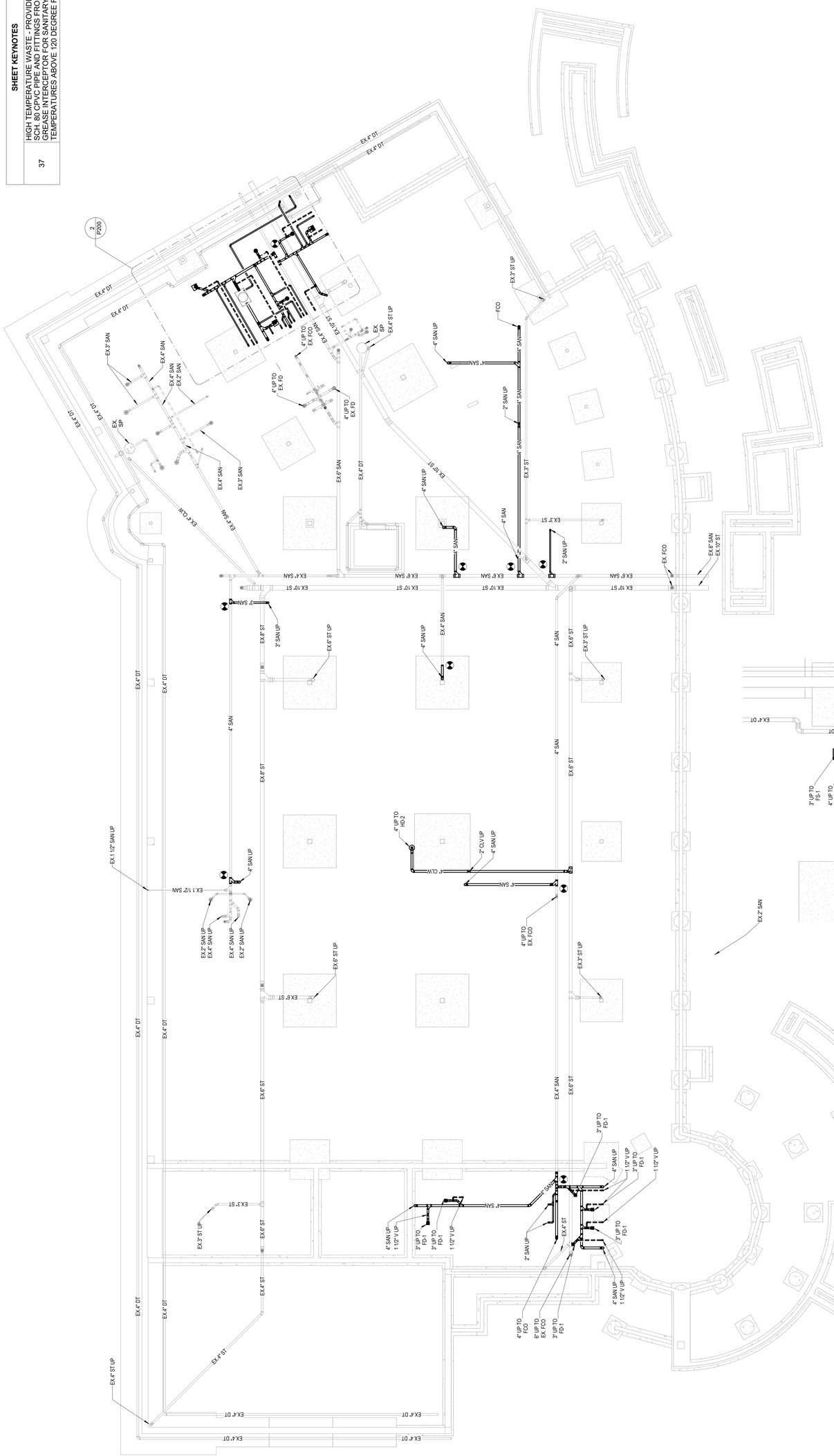
1970 main street, suite 305, sarasota, florida 34236 t 941 444 6800
311 canyon wren dr, buda, tx 78610 t 737 525 0900

Section 2, item B

SHEET KEYNOTES

37	HIGH TEMPERATURE WASTE - PROVIDE CAST IRON OR SCH. 80 PVC PIPE AND FITTINGS FROM FLOOR SINK TO GREASE INTERCEPTOR FOR SANITARY WASTE TEMPERATURES ABOVE 120 DEGREE FAHRENHEIT.



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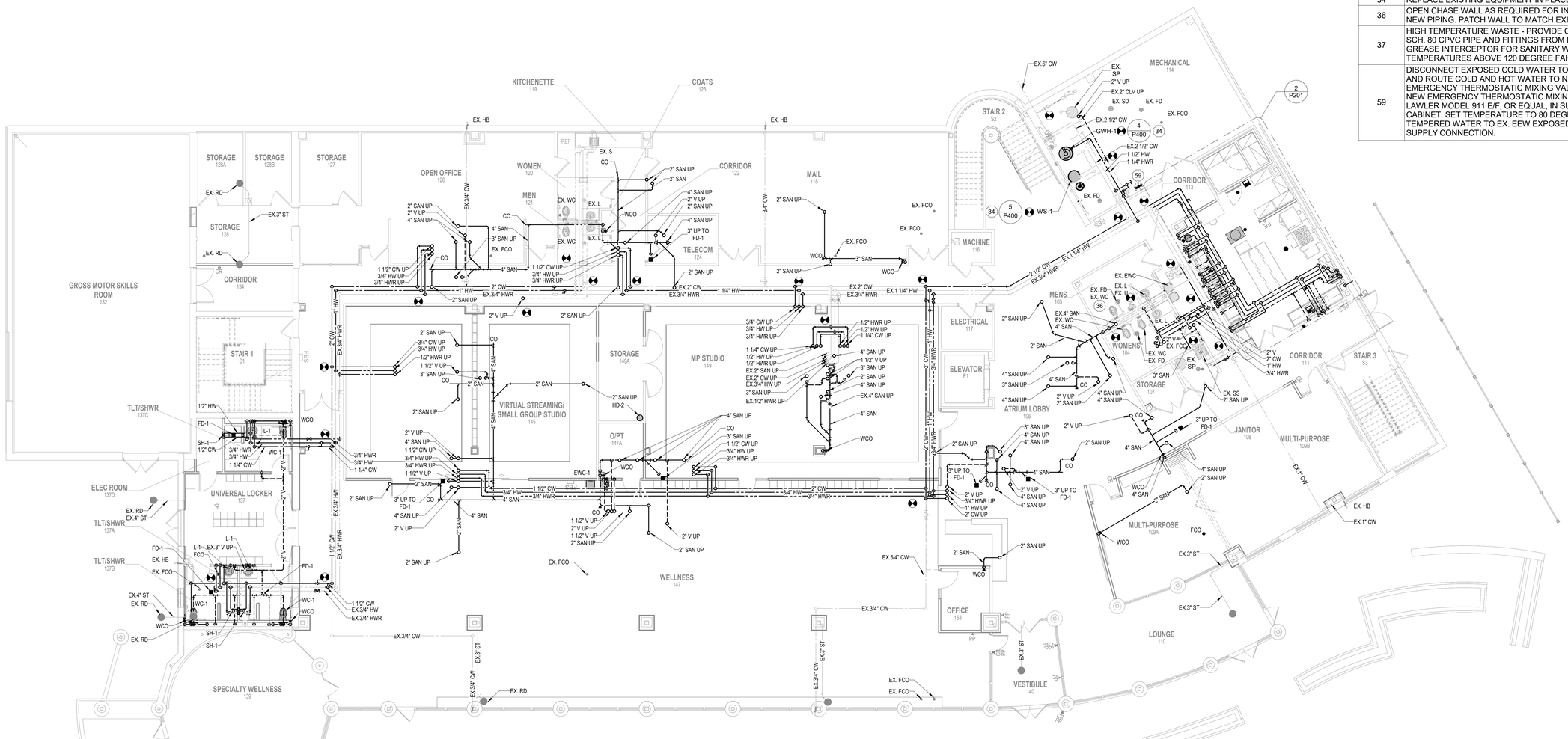
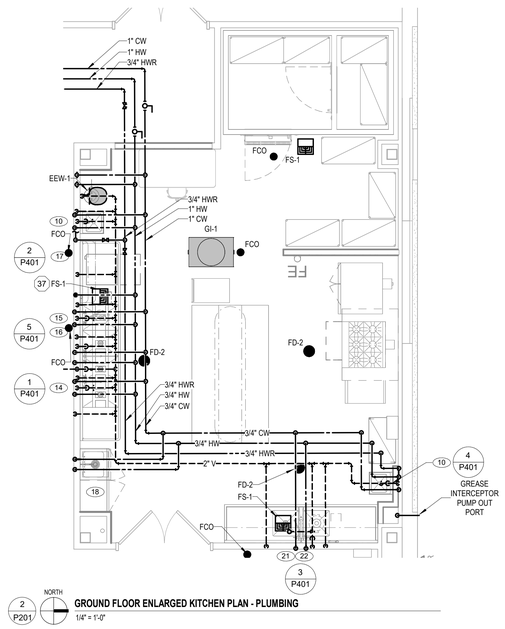
SHEET KEYNOTES

34	REPLACE EXISTING EQUIPMENT IN PLACE.
36	OPEN CHASE WALL AS REQUIRED FOR INSTALLATION OF NEW PIPING. PATCH WALL TO MATCH EXISTING.
37	HIGH TEMPERATURE WASTE - PROVIDE CAST IRON OR SCH. 80 CPVC PIPE AND FITTINGS FROM FLOOR SINK TO GREASE INTERCEPTOR FOR SANITARY WASTE TEMPERATURES ABOVE 120 DEGREE FAHRENHEIT.
59	DISCONNECT EXPOSED COLD WATER TO EXISTING EEW AND ROUTE COLD AND HOT WATER TO NEW EMERGENCY THERMOSTATIC MIXING VALVE. PROVIDE A NEW EMERGENCY THERMOSTATIC MIXING VALVE, LAWLER MODEL 911 E/F, OR EQUAL, IN SURFACE MOUNT CABINET. SET TEMPERATURE TO 80 DEGREES F. ROUTE TEMPERED WATER TO EX. EEW EXPOSED WATER SUPPLY CONNECTION.





2 P201 NORTH **GROUND FLOOR ENLARGED KITCHEN PLAN - PLUMBING**
1/4" = 1'-0"

1 P201 NORTH **GROUND FLOOR PLAN - PLUMBING**
1/8" = 1'-0"

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr, buda, tx 78610 t 737 525 0933

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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GROUND FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P201

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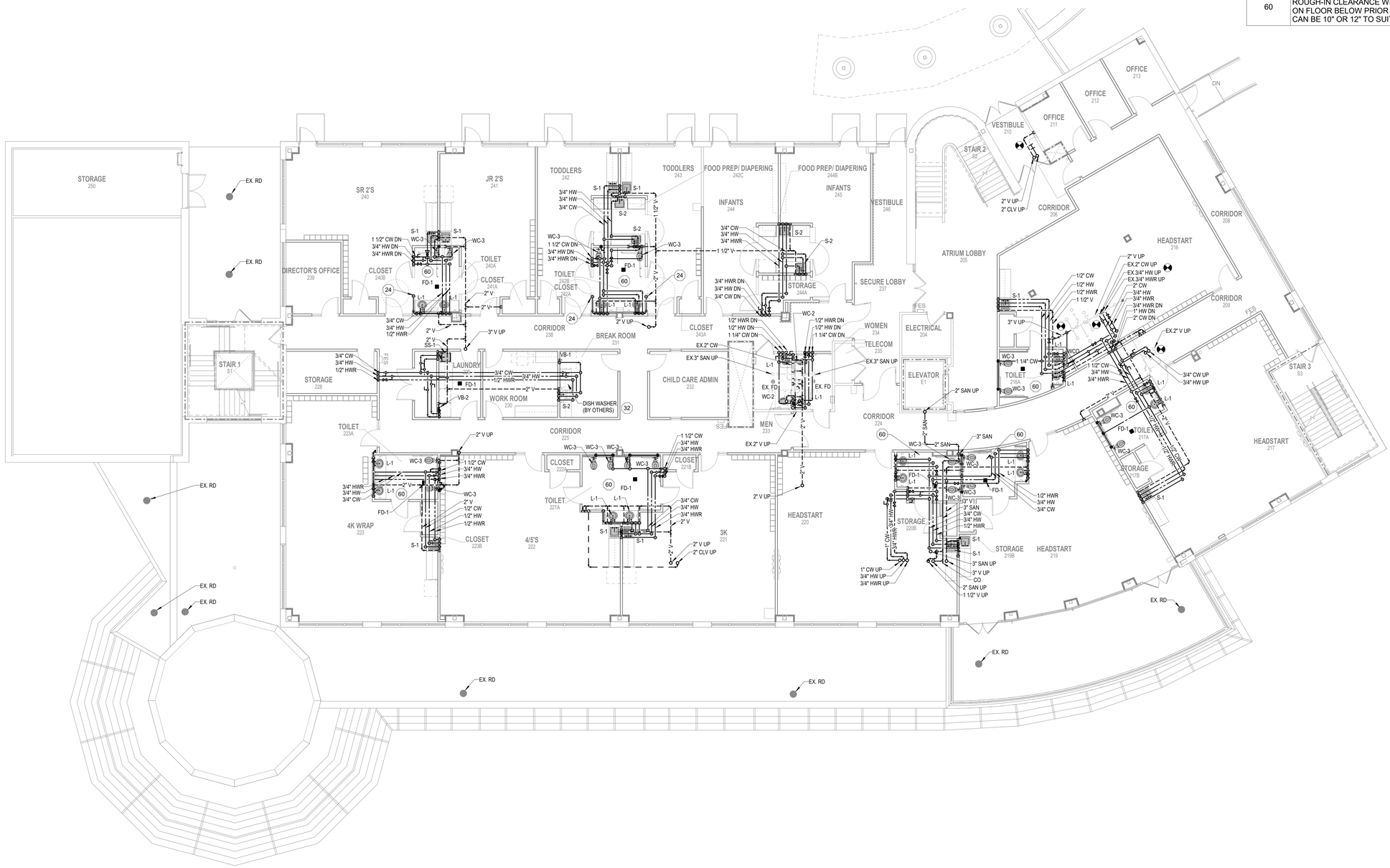
SHEET KEYNOTES

24	ROUTE SANITARY PIPING IN WALL AS REQUIRED. AVOID STRUCTURAL MEMBERS AND HVAC DUCTWORK TYP.
32	UNDER COUNTER DISHWASHER - FURNISHED BY THE OWNER AND INSTALLED BY PLUMBING CONTRACTOR. PROVIDE HOT WATER PIPING, SHUT-OFF VALVE AND WATER HAMMER ARRESTOR UNDER ADJACENT SINK. PROVIDE ABOVE COUNTER AIR GAP FITTING AND WYE TAIL PIECE FOR WASTE DISCHARGE PIPING TO ADJACENT SINK.
60	FIELD VERIFY CHILDREN'S WATER CLOSETS SANITARY ROUGH-IN CLEARANCE WITH STRUCTURAL MEMBERS ON FLOOR BELOW PRIOR TO CORING HOLE. ROUGH-IN CAN BE 10" OR 12" TO SUIT.



NORTH

FIRST FLOOR PLAN - PLUMBING

1/8" = 1'-0"

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GWCHF
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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FIRST FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P203

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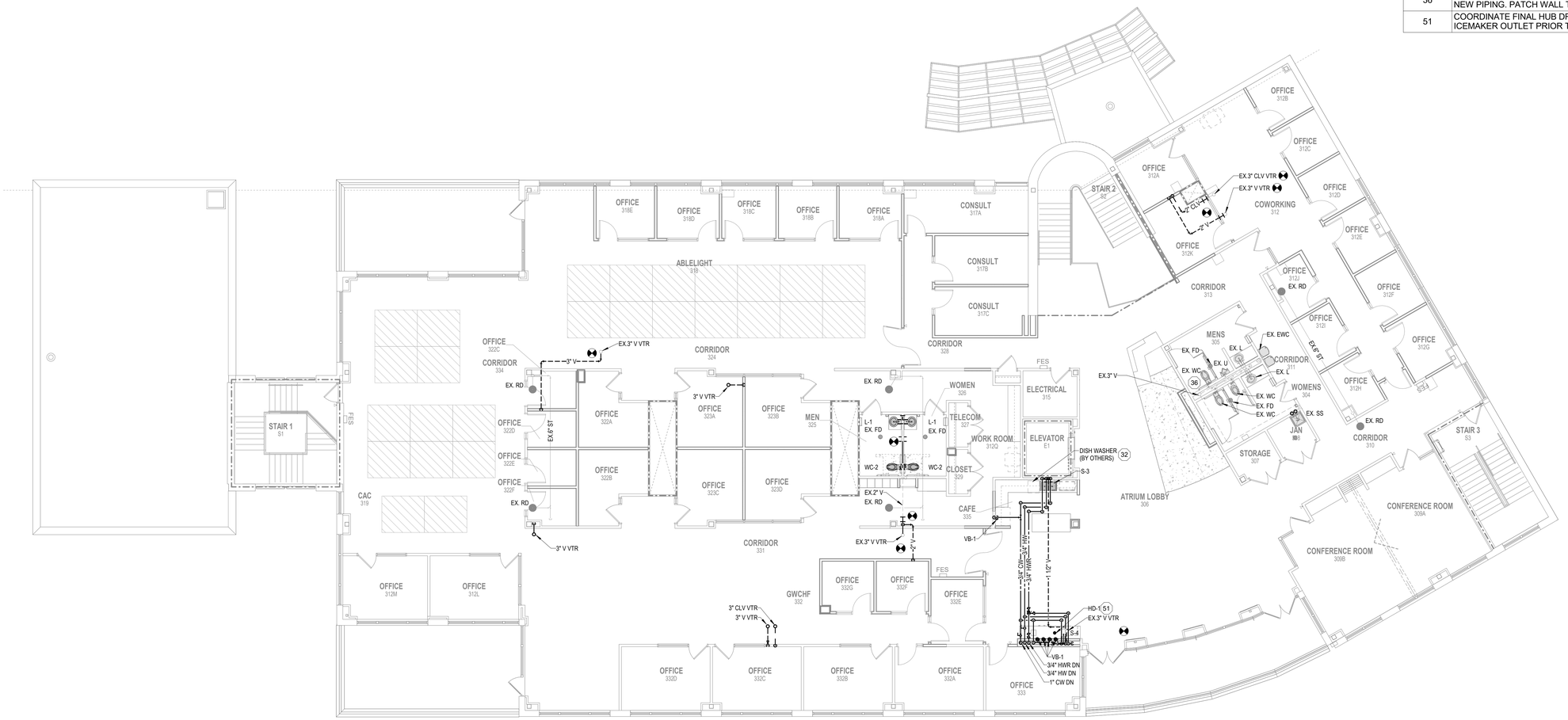
SHEET KEYNOTES

32	UNDER COUNTER DISHWASHER - FURNISHED BY THE OWNER AND INSTALLED BY PLUMBING CONTRACTOR. PROVIDE HOT WATER PIPING, SHUT-OFF VALVE AND WATER HAMMER ARRESTOR UNDER ADJACENT SINK. PROVIDE ABOVE COUNTER AIR GAP FITTING AND WYE TAIL PIECE FOR WASTE DISCHARGE PIPING TO ADJACENT SINK.
36	OPEN CHASE WALL AS REQUIRED FOR INSTALLATION OF NEW PIPING. PATCH WALL TO MATCH EXISTING.
51	COORDINATE FINAL HUB DRAIN LOCATION TO SUIT ICEMAKER OUTLET PRIOR TO INSTALLATION.



NORTH

SECOND FLOOR PLAN - PLUMBING
1/8" = 1'-0"

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr, buda, tx 78610 t 737 525 0933

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SECOND FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P202

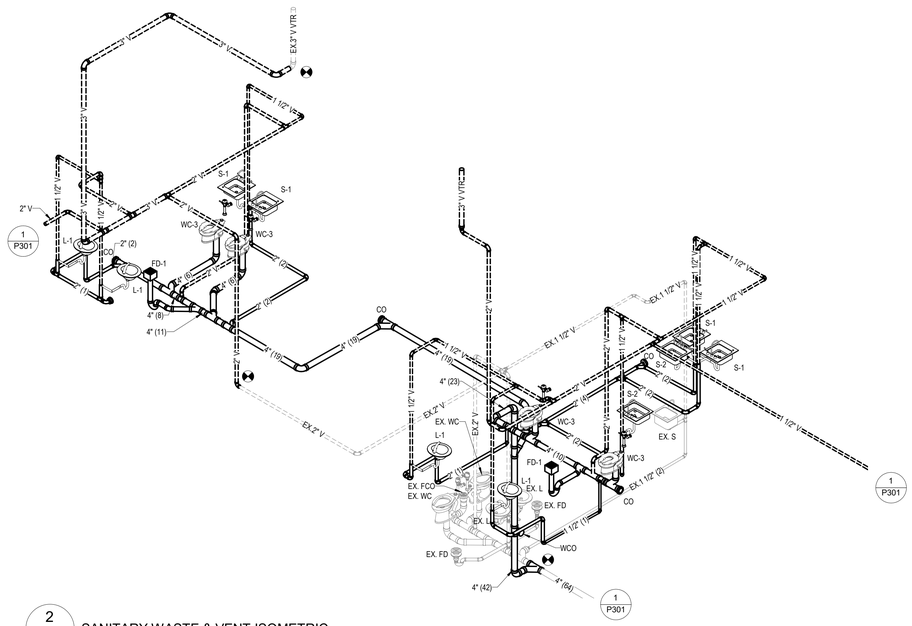
DRAWN BY: Author 8/18/2022 3:44:27 PM

SANITARY ISOMETRIC NOTES

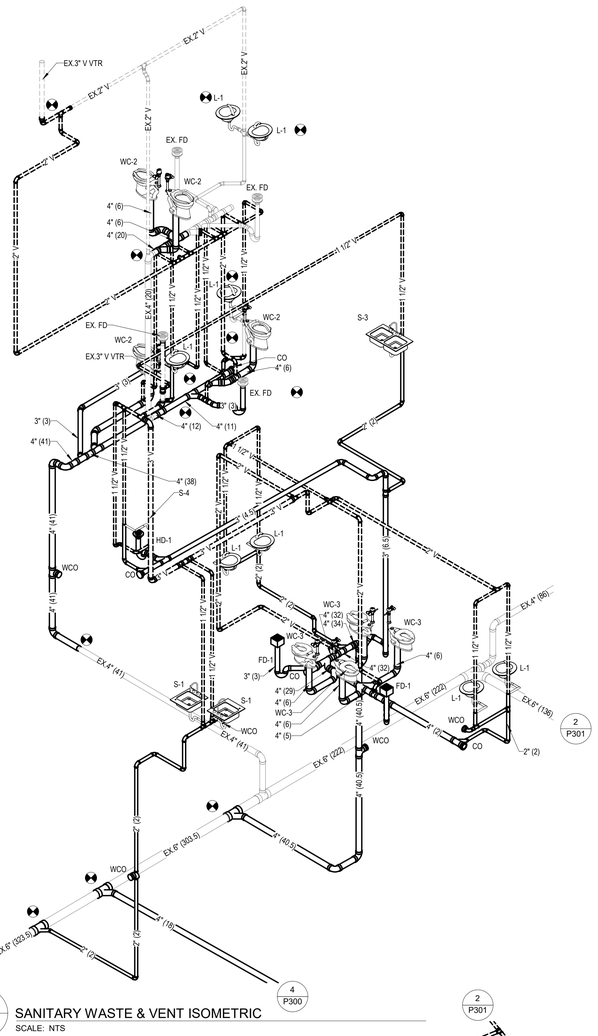
SEE FOUNDATION / FLOOR PLANS AND PLUMBING CONNECTION SCHEDULE ON SHEET P001 FOR DRAIN/ WASTE BRANCH PIPE SIZE TO FIXTURE.

ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISED NOTED.

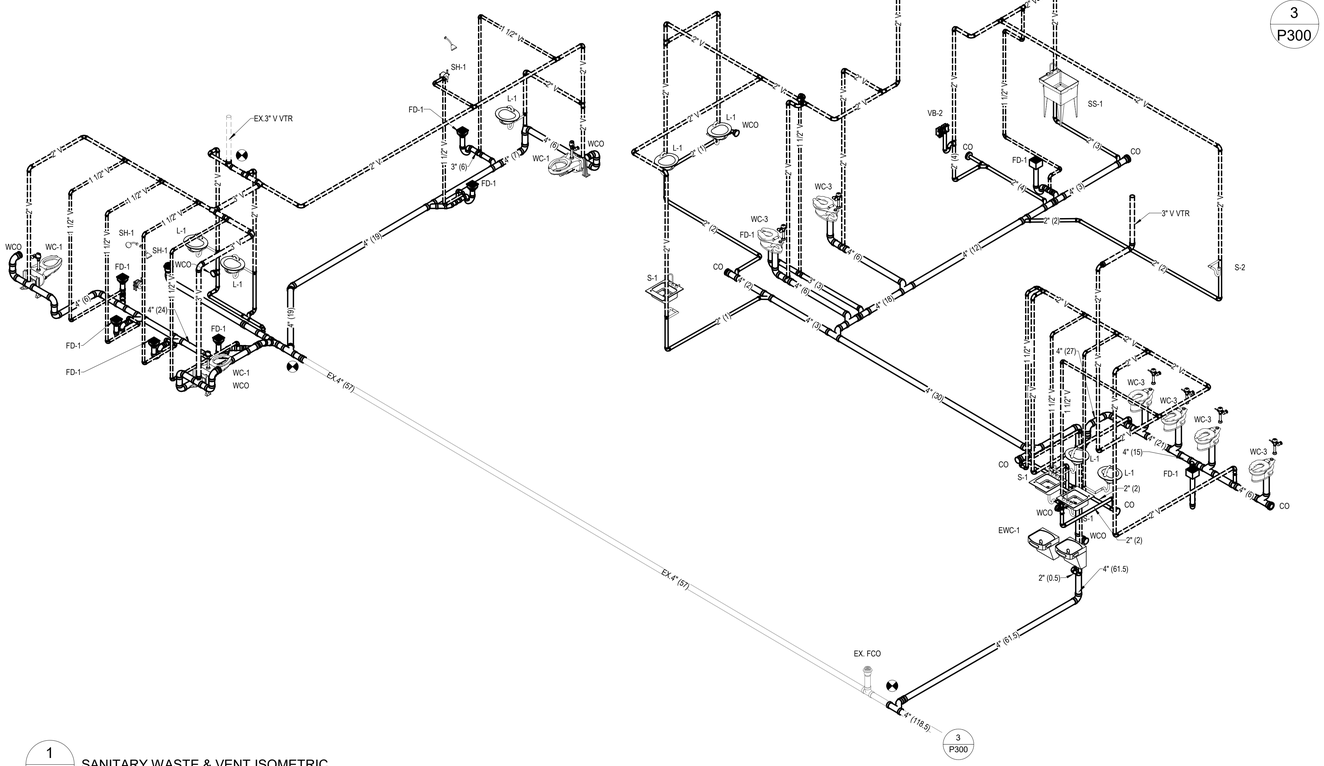
ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISED NOTED.



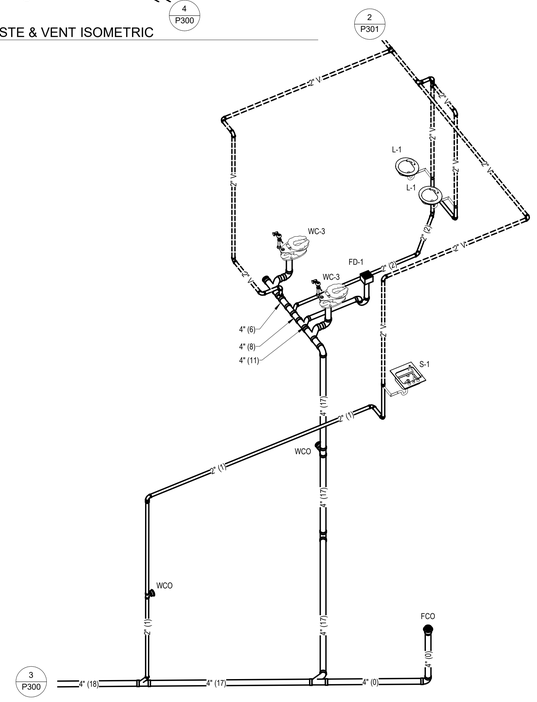
2 P300 SANITARY WASTE & VENT ISOMETRIC
SCALE: NTS



3 P300 SANITARY WASTE & VENT ISOMETRIC
SCALE: NTS



1 P300 SANITARY WASTE & VENT ISOMETRIC
SCALE: NTS



4 P300 SANITARY WASTE & VENT ISOMETRIC
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SANITARY DWV ISOMETRIC

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: P300

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SANITARY ISOMETRIC NOTES

SEE FOUNDATION / FLOOR PLANS AND PLUMBING CONNECTION SCHEDULE ON SHEET P001 FOR DRAIN/ WASTE BRANCH PIPE SIZE TO FIXTURE.

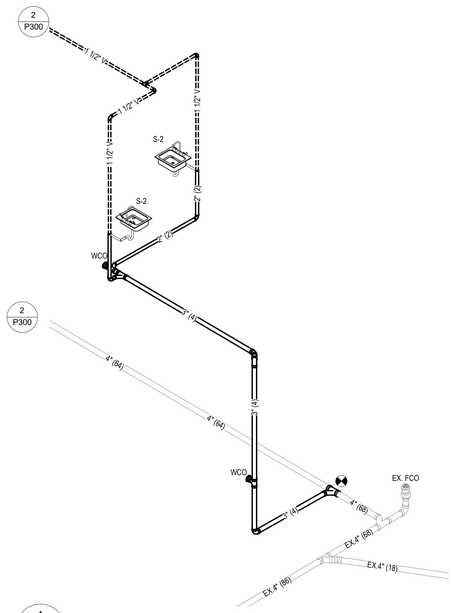
ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISED NOTED.

ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISED NOTED.

STORM AND CLEAR WATER ISOMETRIC NOTES

SEE FOUNDATION / FLOOR PLANS AND PLUMBING CONNECTION SCHEDULE ON SHEET P001 FOR DRAIN/ WASTE BRANCH PIPE SIZE TO FIXTURE.

UNIT VALUES ARE SHOWN AS GALLONS PER MINUTE.



1 P301 SANITARY WASTE & VENT ISOMETRIC
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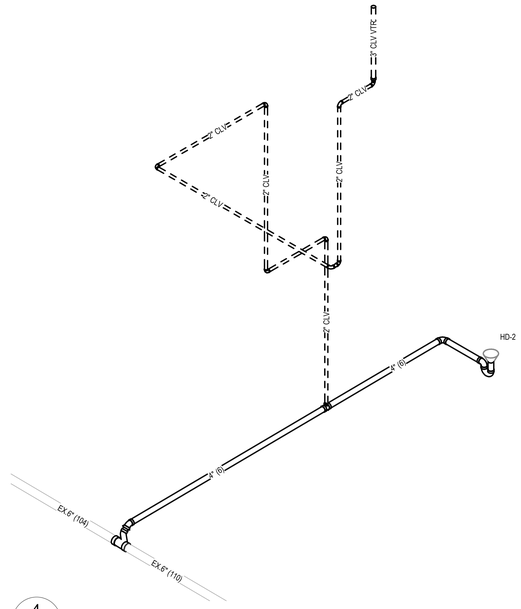

4 P301 STORM ISOMETRIC
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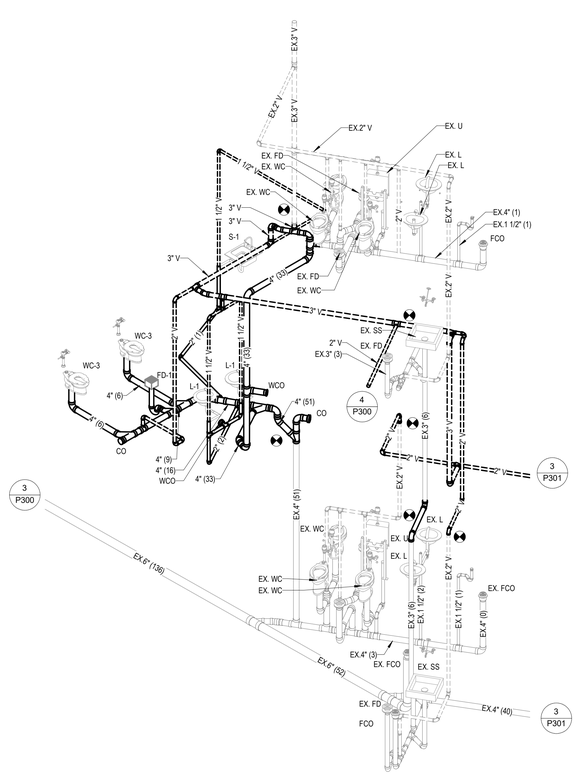
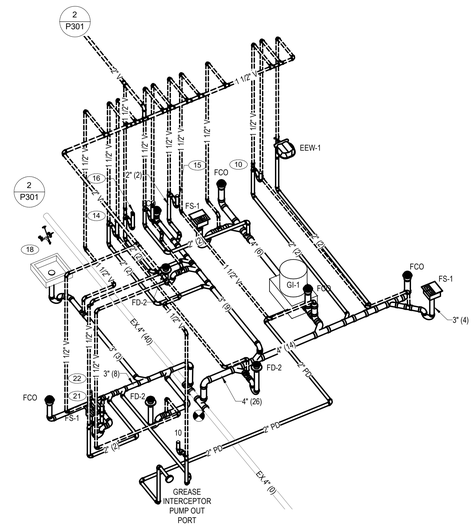


2 P301 SANITARY WASTE & VENT ISOMETRIC
SCALE: NTS



3 P301 SANITARY WASTE & VENT ISOMETRIC
SCALE: NTS

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DATE: 08-19-22
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SHEET NO: P301

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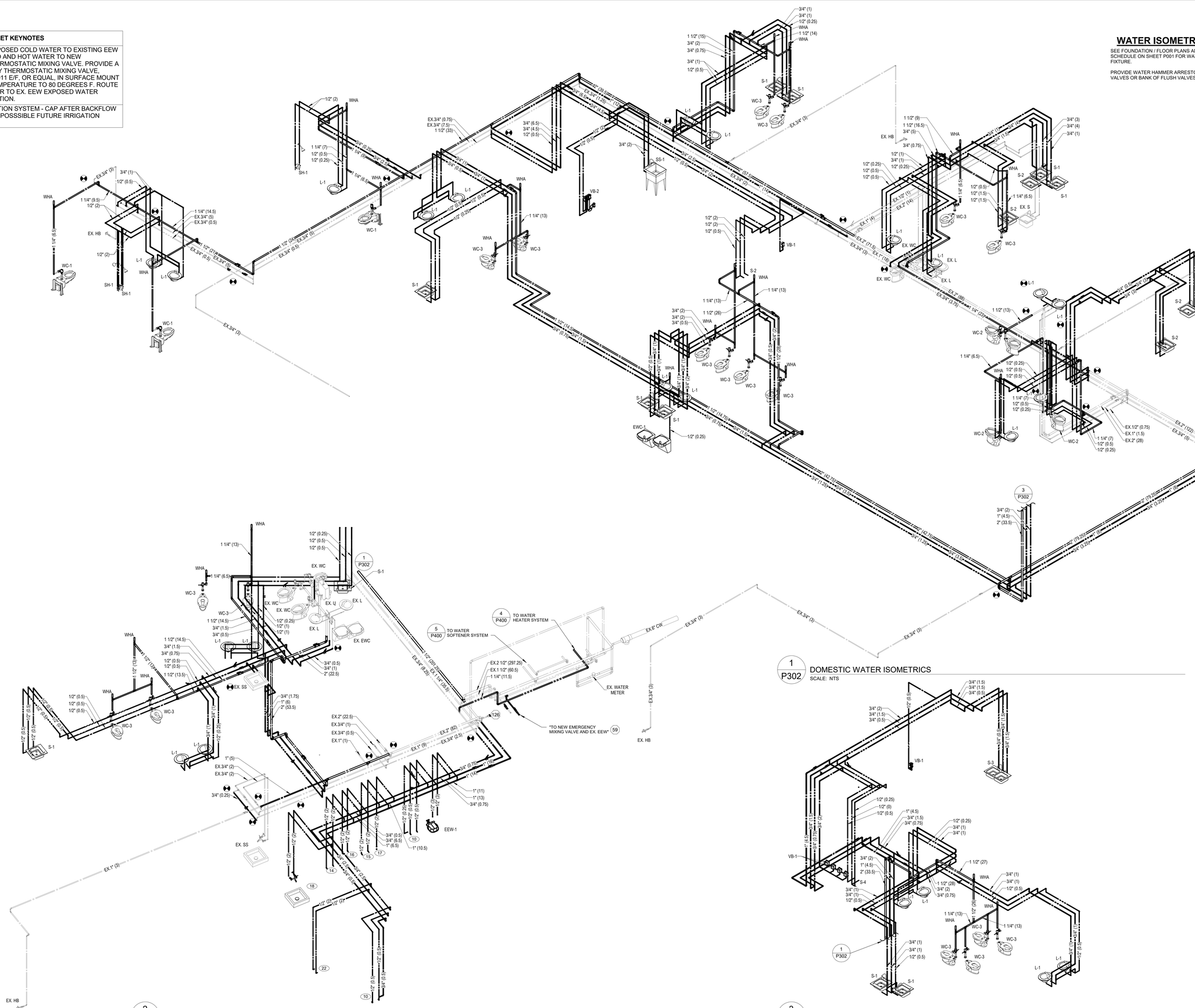
SHEET KEYNOTES	
59	DISCONNECT EXPOSED COLD WATER TO EXISTING EEW AND ROUTE COLD AND HOT WATER TO NEW EMERGENCY THERMOSTATIC MIXING VALVE. PROVIDE A NEW EMERGENCY THERMOSTATIC MIXING VALVE, LAWLER MODEL 911 E/F, OR EQUAL, IN SURFACE MOUNT CABINET. SET TEMPERATURE TO 80 DEGREES F. ROUTE TEMPERED WATER TO EX. EEW EXPOSED WATER SUPPLY CONNECTION.
126	EXISTING IRRIGATION SYSTEM - CAP AFTER BACKFLOW PREVENTER FOR POSSSIBLE FUTURE IRRIGATION SYSTEM.

WATER ISOMETRIC NOTES

SEE FOUNDATION / FLOOR PLANS AND PLUMBING CONNECTION SCHEDULE ON SHEET P001 FOR WATER BRANCH PIPE SIZE TO FIXTURE.

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES OR BANK OF FLUSH VALVES.



1 P302 DOMESTIC WATER ISOMETRICS
SCALE: NTS

2 P302 DOMESTIC WATER ISOMETRICS
SCALE: NTS

3 P302 DOMESTIC WATER ISOMETRICS
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DOMESTIC WATER ISOMETRIC

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DATE: 08-19-22
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SHEET NO: P302

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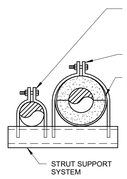
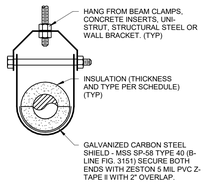


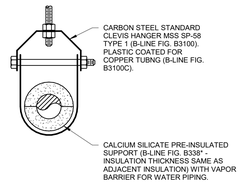
MAX. SPACING BETWEEN PIPE SUPPORTS AND MIN. HANGER ROD SIZES											
PIPE SIZE	STEEL			COPPER			PVC	CPVC	PEX	CAST IRON (2)	MIN. ROD
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD					
1/4"-1/2"	7'	6'	3/8"	5'	6'	3/8"	4'	3'	32"	5'	3/8"
3/4"	7'	9'	3/8"	5'	7'	3/8"	4'	3'	32"	5'	3/8"
1"	7'	9'	3/8"	6'	8'	3/8"	4'	3'	32"	5'	3/8"
1 1/4"	7'	9'	3/8"	7'	9'	3/8"	4'	4'	32"	5'	3/8"
1 1/2"	9'	12'	3/8"	8'	10'	3/8"	4'	4'	32"	5'	3/8"
2"	10'	12'	3/8"	8'	11'	3/8"	4'	4'	-	5'	3/8"
2 1/2"	11'	12'	3/8"	9'	12'	3/8"	4'	4'	-	5'	3/8"
3"	12'	12'	3/8"	10'	12'	3/8"	4'	4'	-	6'	3/8"
4"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	-	5'	3/8"
6"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	-	5'	3/8"
8"	12'	12'	1/2"	-	-	-	4'	4'	-	5'	3/8"
10"	12'	12'	1/2"	-	-	-	4'	4'	-	-	3/8"
12"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
14"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
16"	12'	12'	3/4"	-	-	-	4'	4'	-	-	3/8"
MAX VERT. (1)	15'	15'	-	10'	10'	-	10'	10'	10'	-	-

(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY.
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

APPLICATIONS
- UNINSULATED PIPING

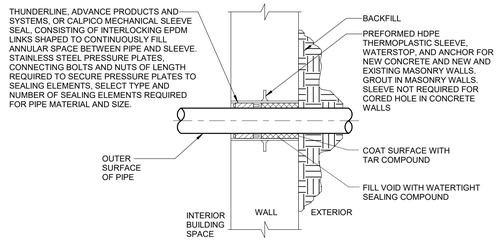


APPLICATIONS
- HOT AND COLD WATER PIPING

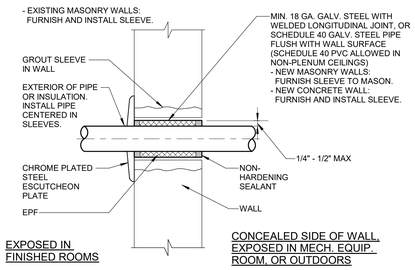


APPLICATIONS
- HOT AND COLD WATER PIPING

1 P400 PIPE HANGER AND INSULATION DETAILS - plumbing
SCALE: NTS



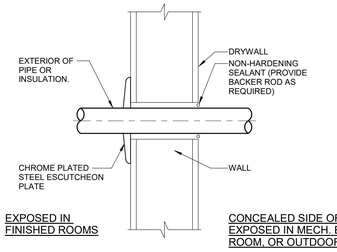
APPLICATIONS
- PIPE PENETRATION THRU BELOW GRADE EXTERIOR WALL



EXPOSED IN FINISHED ROOMS

CONCEALED SIDE OF WALL, EXPOSED IN MECH. EQUIP. ROOM, OR OUTDOORS

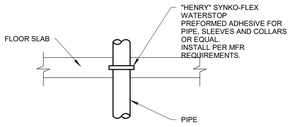
APPLICATIONS
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL



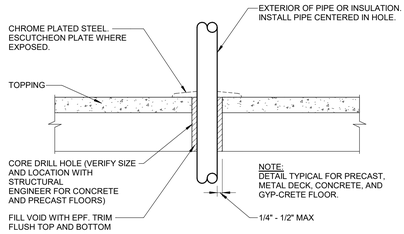
EXPOSED IN FINISHED ROOMS

CONCEALED SIDE OF WALL, EXPOSED IN MECH. EQUIP. ROOM, OR OUTDOORS

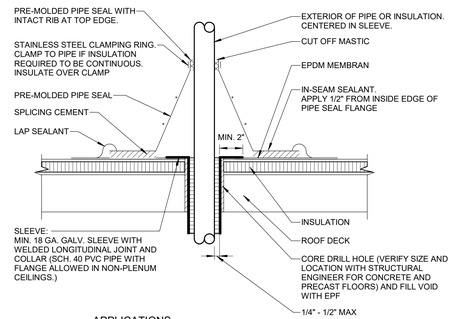
APPLICATIONS
- PIPE PENETRATION THRU STUD WALL



APPLICATIONS
- SLAB ON GRADE PIPE PENETRATION DETAIL



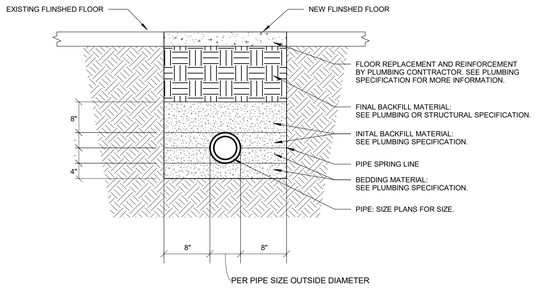
APPLICATIONS
- PIPE PENETRATION THRU ABOVE GRADE FLOOR



APPLICATIONS
- ROOF PIPE BOOT PENETRATION DETAIL

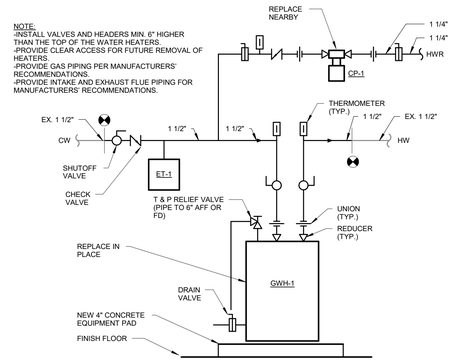
2 P400 PIPE PENETRATION THRU BELOW GRADE EXTERIOR WALL
SCALE: NTS

NOTE:
COORDINATE FINAL FLOOR ELEVATION WITH GENERAL CONTRACTOR AND FLOOR COVERING CONTRACTOR.



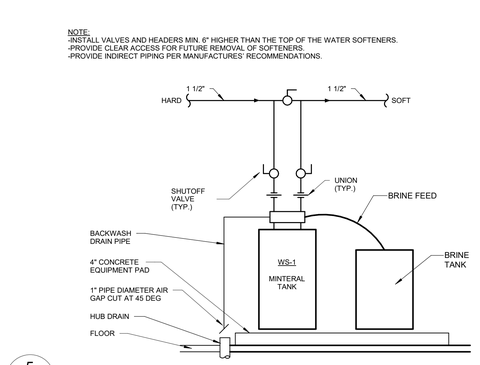
3 P400 PIPE TRENCH DETAIL
SCALE: NTS

NOTE:
-INSTALL VALVES AND HEADERS MIN. 6" HIGHER THAN THE TOP OF THE WATER HEATERS.
-PROVIDE CLEAR ACCESS FOR FUTURE REMOVAL OF HEATERS.
-PROVIDE GAS PIPING PER MANUFACTURERS' RECOMMENDATIONS.
-PROVIDE INTAKE AND EXHAUST FLUE PIPING FOR MANUFACTURERS' RECOMMENDATIONS.



4 P400 WATER HEATER PIPING DETAIL
SCALE: NTS

NOTE:
-INSTALL VALVES AND HEADERS MIN. 6" HIGHER THAN THE TOP OF THE WATER SOFTENERS.
-PROVIDE CLEAR ACCESS FOR FUTURE REMOVAL OF SOFTENERS.
-PROVIDE INDIRECT PIPING PER MANUFACTURES' RECOMMENDATIONS.



5 P400 WATER SOFTENER PIPING DETAIL
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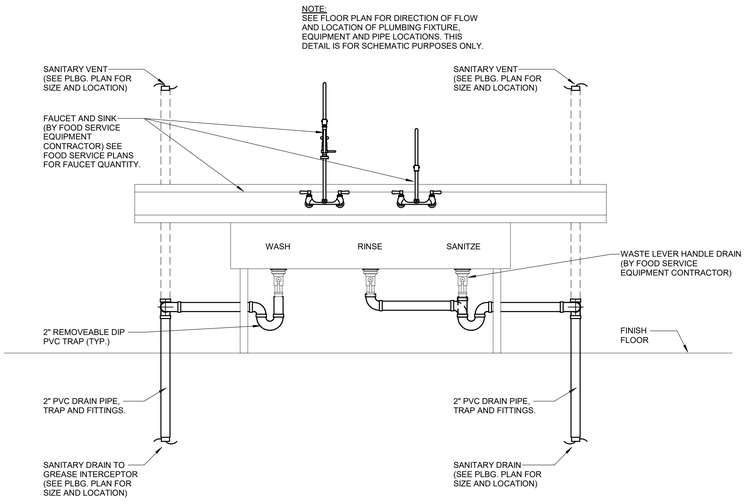
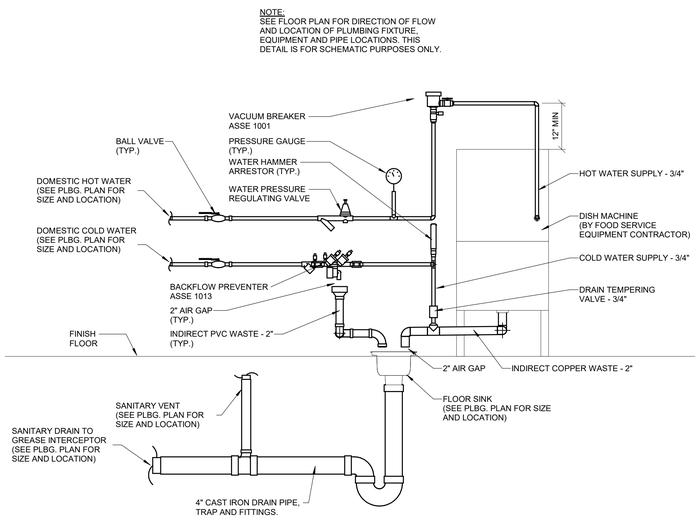


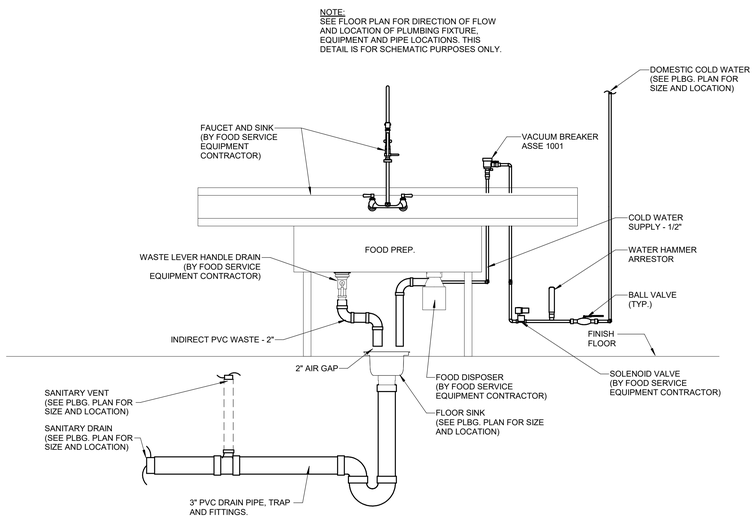
1 / P401 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - 3 COMPARTMENT SINK

SCALE: NTS



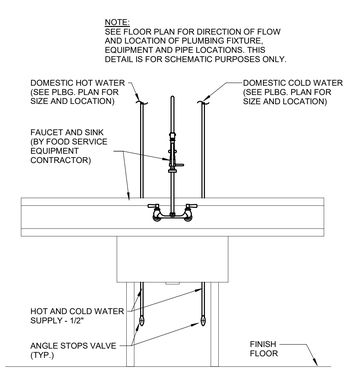
2 / P401 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - DISH MACHINE

SCALE: NTS



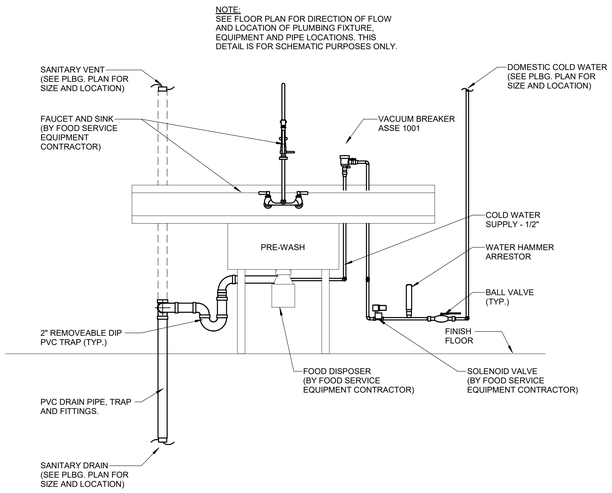
3 / P401 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - FOOD PREP

SCALE: NTS



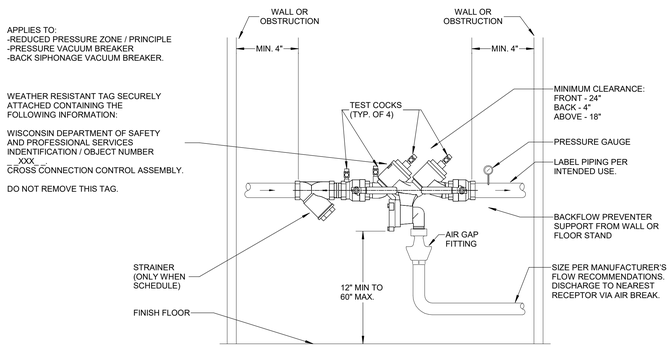
4 / P401 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - TYPICAL FAUCET CONNECTION

SCALE: NTS



5 / P401 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - PRE-WASH SINK

SCALE: NTS



6 / P401 REDUCED PRESSURE ZONE BACKFLOW PREVENTER DETAIL

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CIRCULATING PUMP SCHEDULE (CP)

TAG	MANUFACTURER	MODEL	LOCATION	APPLICATION	FLUID TEMP F	GPM	HEAD (FT)	RPM	WATTS H.P.	VOLTS / PHASE	FULL AMPS.	TYPE	NOTES
1	BELL & GOSSETT	NBF-36	MECHANICAL RM.	DOMESTIC HOT WATER	125	11.75	14	3300	270	115/1	2.3	IN-LINE	(1)(2)

- ACCEPTABLE MANUFACTURERS: B & G, GRUNDFOS.
- SEE ELECTRONICALLY CONTROLLED MAGNET MOTOR. MOTOR SPECIFICATIONS FOR MOTOR REQUIREMENTS.
- LEAD FREE BRONZE BODY. STAINLESS STEEL FLANGE WITH LINE CORD. THREE SPEED WITH CONSTANT PRESSURE.

(1) PROVIDE INLINE AQUASTAT TO SHUT OFF PUMP AT A 10 DELTA T TEMPERTURE DROP OF SUPPLY OUTLET TEMPERTURE.
(2) PROVIDE BALANCING VALVE UP STREAM OF PUMP TO CONTROL PUMP FLOW.

CLEANOUT SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	OUTLET SIZES	BODY MATERIAL	ACCESS COVER SIZE	ACCESS COVER MATERIAL	NOTES
CO	-	-	-	ABV. CLGS & EXPOSED PIPE	2" - 6"	PVC	-	-	(1)
FCO	ZURN	Z1400B	FLOOR	PEDESTRIAN TRAFFIC AREAS	2" - 6"	CAST IRON	7" DIA	NICKLE BRONZE	(2)
WCO	ZURN	Z1469	WALL	WALL	2" - 6"	PVC	9" DIA	STAINLESS ST.	(3)

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.
- RECESSED TAPER THREAD PLUG WITH SLOTTED RECESS.

(1) PROVIDE THREADED FEMALE ADAPTER WITH INTERNAL PLUG. ADAPTER MATERIAL SHALL MATCH PIPE MATERIAL TO WHICH CO IS BEING CONNECTED.
(2) PROVIDE CARPET MARKERS AS REQUIRED PER FLOOR TYPE.
(3) PROVIDE TEST/CLEANOUT TEE. THREADED PLUG WITH BRASS INSERT. MATERIAL SHALL MATCH PIPE MATERIAL TO WHICH TEE IS BEING CONNECTED.

DRAIN SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	OUTLET SIZES	BODY MATERIAL	STRAINER TOP SIZE	STRAINER TOP MATERIAL	RIM HGT. A.F.F.	NOTES
FD-1	ZURN	Z415-5SZ	FLOOR	PEDESTRIAN TRAFFIC AREAS	2" - 4"	CAST IRON	6" SQUARE	NICKLE BRONZE	-1/2"	(1)(8)
FD-2	ZURN	Z415-B	FLOOR	KITCHEN	2" - 4"	CAST IRON	7" DIA	NICKLE BRONZE	-1/2"	(1)
FS-1	ZURN	Z-1901-2	FLOOR	FLOOR SINK	2" - 4"	CAST IRON	12"x12"x8"	ALUM. DOME	LEVEL	(1)(5)
HD-1	ZURN	Z326	RECEPTOR	INDIRECT WASTE	2" - 4"	CAST IRON	4" DIA	BRONZE	3 3/4"	(2)
HD-2	ZURN	Z325	RECEPTOR	INDIRECT WASTE W/ BACKWATER VALVE	2" - 4"	CAST IRON	4" DIA	CAST IRON	3 3/4"	(2)

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.

(1) PROVIDE FLASHING CLAMP FOR FLOORS WITH BUILDING STRUCTURE BELOW. SEE ARCHITECTURAL PLANS FOR LOCATIONS.
(2) RECEPTOR END SHALL BE ONE PIPE SIZE LARGER THAN TRAP SIZE.
(5) PROVIDE 1/2 GRATE.
(8) PROVIDE TRAPSEAL - RECTORSEAL SURE SEAL

ELECTRIC WATER COOLER SCHEDULE (EWC)

TAG	MANUFACTURER	MODEL	ADA	BASINS	RECESS	GPH	FILTER	CONTROL	AMPS	VOLT	PHASE	NOTES
1	ELKAY	EZSTL8WSLK	YES	2	NO	8.0	NO	FRONT PUSHBAR	1	120/1	1	(1)(3)

- ACCEPTABLE MANUFACTURERS:
  - -FIXTURE: ELKAY, HALSEY TAYLOR, HAWS, OASIS.
  - -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
- PROVIDE WITH 1-1/4" P-TRAP WITH C.O. PLUG, AND ANGLE WATER STOP WITH HANDLE AND BRASS STEM.
- CAPACITY BASED ON 50 DEGREE F WATER IN AMBIENT TEMPERATURE OF 90 DEGREES F.
- LEAD FREE CONSTRUCTION.

(1) WALL MOUNTED, STAINLESS STEEL BASIN, CABINET WITH BOTTLE FILLING STATION.
(3) PROVIDE CANE APRON FOR HIGH LOW DRINKING FOUNTAIN

EMERGENCY FIXTURE SCHEDULE

TAG	MANUFACTURER	MODEL	MOUNTING	OPERATION	BOWL MATERIAL	BOWL COVER	EYE WASH	FACE WASH	SHOWER	SHOWER HEAD MATERIAL	PSIG / GPM	TMV TEMP.	NOTES
EEW-1	BRADLEY	S19224SC	WALL	HAND	STAINLESS	YES	YES	YES	NO	NO	30 / 5.1	80	(1)(4)

- ACCEPTABLE MANUFACTURERS: BRADLEY, GUARDIAN, HAWS, SPEAKMAN.
- CORROSION RESISTANT STAINLESS STEEL 304.

(1) PROVIDE WITH CHROME PLATED YOKE ASSEMBLY WITH EYE WASH HEADS AND SPRAYHEAD COVERS, DOME STRAINER, MANUALLY OPERATED 1/2" STAY-OPEN BALL VALVE, 1 1/2" WASTE CONNECTION, AND WALL MOUNTABLE IDENTIFICATION SIGN.
(4) PROVIDE WALL MOUNTED CABINET FOR THERMOSTATIC MIXING VALVE COMPLIANT WITH ASSE 1071.

EXPANSION TANK SCHEDULE (ET)

TAG	MANUFACTURER	MODEL	MOUNTING	TANK TYPE	CONN. SIZE	TANK CAPACITY GALLONS	ACCEPT. CAPACITY GALLONS	PRECHARGE PSIG	WORKING PSIG	DIA. INCHES	HEIGHT INCHES	WEIGHT POUNDS	NOTES
1	AMTROL	ST-5C	PIPE	DIAPHRAGM	3/4"	2.1	1.0	(1)	150	10	10	14	(1)

- ACCEPTABLE MANUFACTURERS: FLEXCON, AMTROL, WESSELS.

(1) SET TO STATIC PRESSURE AT STREET OR SYSTEM IF HIGHER. SEE WATER CALCULATION FOR MORE INFORMATION.

GAS WATER HEATER SCHEDULE (GWH)

TAG	MANUFACTURER	MODEL	LOCATION	APPLICATION	TYPE	SIZE	GAS MBH	THERMAL EFF.	REC. (1) GPH	TANK SIZE GAL.	MAX. PSIG	T&P PSIG	LINING TYPE	TANK TEMP. DEG. F	NOTES
GWH-1	HTP	PH199-119	MECH	DOMESTIC HOT WATER	TANK	27" DIA L x 74" H X 34" W	199	119.0	237	119	160	160	STAINLESS ST.	120	(2)(3)

- ACCEPTABLE MANUFACTURERS: A.O. SMITH, BRADFORD WHITE, HTP, LOCHINVAR.
- DIRECT VENT, SEALED COMBUSTION WATER HEATER.

(1) RECOVERY BASED ON 100 DEGREE F TEMPERATURE RISE.
(2) PROVIDE WITH CONCENTRIC VENT KIT. PROVIDE INTAKE / EXHAUST PIPING PER MANUFACTURER'S RECOMMENDATION.
(3) PROVIDE CONDENSATE DRAIN WITH NEUTRALIZER KIT PRIOR TO DISCHARGING TO SANITARY DRAINAGE SYSTEM.

GREASE INTERCEPTOR SCHEDULE (GI)

TAG	MANUFACTURER	MODEL	LOCATION	SIZE L" x W" x H"	FLOW RATE (GPM)	GREASE CAPACITY (LBS.)	SOLIDS CAPACITY (GALLONS)	LIQUID CAPACITY (GALLONS)	INLET & OUTLET SIZE	NOTES
1	SCHIER	GB-3	KITCHEN	37" x 28" x 21"	50	272.7	19	40	4"	(2)

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, SCHIER, WATTS, ZURN.
- FULLY RECESSED INTERCEPTORS TOPS FLUSH WITH FLOOR, PROVIDE EXTENSIONS AS REQUIRED AND ANCHOR FLANGE.
- EXTERIOR GREASE INTERCEPTOR SHALL HAVE A CONCRETE BODY WITH HIGH DUTY VEHICLE RATED MANHOLE COVERS.
- INTERIOR GREASE INTERCEPTOR SHALL HAVE A HIGH DENSITY POLYETHYLENE BODY.

(2) PROVIDE DRAIN TEMPERING VALVE PER PLUMBING SPECIFICATIONS.

LAVATORY SCHEDULE (L)

		BASIN								FAUCET									
TAG	ADA (1)	MANUFACTURER	MODEL	MOUNTING	DIMENSIONS	DRAIN TYPE	NO. OF HOLES	CENTER OF HOLES	CARRIER	MANUFACTURER	MODEL	SPOUT REACH	SPOUT HEIGHT	GPM FLOW RATE	OPERATION TYPE	FINISH	TEMP. DEG. F	SUPPLY STOP TYPE	NOTES
1	YES	(4)	(4)	(4)	(4)	GRID	2	4"	NO	CHICAGO	802-V317E66XKABCP	4"	1-5/8"	0.5	WRIST BL.	CHROME	-	KEY	(6)

- ACCEPTABLE MANUFACTURERS:
  - -BASIN: AMERICAN STANDARD, KOHLER, SLOAN, ZURN.
  - -FAUCETS: CHICAGO, SLOAN, T&S BRASS, ZURN.
  - -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -CARRIERS AND SUPPORTS: ANCON, JOSAM, SMITH, WADE, ZURN.
- VITREOUS CHINA LAVS, 1-1/4" 17 GAUGE "P" TRAP WITH CLEANOUT PLUG, BUSHING ON END OF OUTLET TUBE, WALL FLANGE.
- ALL WETTED PARTS SHALL BE LEAD FREE COMPLIANT.
- WALL MOUNT LAVTORY WITH BACKSPLASH.
- FAUCETS WITH VANDAL RESISTANT AERATOR.

(1) PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR ADA ACCESSIBLE LAVATORY. SEE ARCHITECTURAL PLANS FOR LOCATIONS.
(4) INTERGAL BASIN PROVIDED BY OTHERS.
(6) PROVIDE BELOW DECK POINT OF USE THERMOSTATIC MIXING VALVE SHALL COMPLY WITH ASSE 1070. SET TO 105 DEG F.

SERVICE SINK SCHEDULE (SS)

		BASIN						FAUCET				
TAG	MOUNTING	MANUFACTURER	MODEL	MATERIAL TYPE	SIZE L/H x W x D	SHAPE	RIM GUARD	MANUFACTURER	MODEL	BACKFLOW PREVENTER	GPM	NOTES
1	WALL / FLOOR	MUSTEE	18F	DURASTONE	20 x 24" x 14 3/8"	SQUARE	-	CHICAGO	1895-GN8AE3XKABCP	(2)	2.2	-

- ACCEPTABLE MANUFACTURERS:
  - -BASIN: FIAT, MUSTEE, STERN WILLIAMS, JUST.
  - -FAUCET: CHICAGO, T&S BRASS, ZURN.

(2) VACUUM BREAKERS SHALL COMPLY WITH ASSE 1011.

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209 south water street, milwaukee, wisconsin 53204 t 414.289.9700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.9700
1970 main street, suite 309, sarasota, florida 34236 t 941.444.8881
311 canyon rivers dr, buda, tx 78610 t 737.525.0900

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GWCHF
WATERTOWN COLLECTIVE, LLC.
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

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SHOWER SCHEDULE (SH)

TAG	ADA (1)	BASIN MANUFACTURER	BASIN MODEL	BASIN SIZE L x W x D	BASIN DRAIN TYPE	FAUCET MANUFACTURER	FAUCET MODEL	FAUCET VALVE	FAUCET TRIM	FAUCET HEAD	FAUCET GPM	FAUCET HANDLE	FAUCET FINISH	FAUCET TEMP.	NOTES
1	YES	(2)	(2)	(2)	FD-1	POWERS	9605-PLR-1.5	9605-PLR	9605-PLR	9605-PLR	1.5	LEVER	CHROME	110	(3)(4)(6)

- ACCEPTABLE MANUFACTURERS:
  -FAUCETS: BRADLEY, LEONARD, SYMMONS, MOEN.
- VERIFY ROUGH-IN OPENING WITH G.C. VERIFY LEFT OR RIGHT POSITION PRIOR TO ORDERING.
(1) SEE ARCHITECTURAL PLANS FOR LOCATIONS AND VALVE HANDLE, HEAD AND SEAT LOCATION.
(2) BY OTHER. ONSITE BUILT UP CMU BLOCK WALLS.
(3) PROVIDE INLINE DIVERTER VALVE WITH HANDLE.
(4) PROVIDE HAND HELD SHOWER HEAD, MATCHING GPM OF FIXED HEAD.
(6) VALVE SHALL COMPLY WITH ASSE 1016

SINK SCHEDULE (S)

TAG	ADA (1)	BASIN MANUFACTURER	BASIN MODEL	BASIN NO. OF COMP.	BASIN MOUNTING	BASIN SIZE L x W x D	BASIN DRAIN TYPE	FAUCET MANUFACTURER	FAUCET MODEL	FAUCET QTY.	FAUCET SPOUT REACH	FAUCET SPOUT HEIGHT	FAUCET GPM	FAUCET HANDLE	FAUCET FINISH	FAUCET SUPPLY STOP TYPE	NOTES
1	YES	JUST	CRA-ADA-1923-A-GR	1	TOP-MOUNT	23" x 19" x 5-1/2"	BASKET	CHICAGO	2302-E35ABCP	1	5-3/8"	6-5/8"	1.5	LEVER	CHROME	KEY	(4)(5)
2	YES	JUST	US-ADA-1618-A	1	UNDER-MOUNT	18" x 16" x 5-1/2"	BASKET	CHICAGO	786-GN8AE3XKABCP	1	8"	8"	2.2	WRIST BL.	CHROME	KEY	(5)
3	YES	JUST	UD-ADA-1832 - A	1	UNDER-MOUNT	32" x 18" x 5-1/2"	BASKET	CHICAGO	786-GN8AE3XKABCP	1	8"	8"	2.2	WRIST BL.	CHROME	KEY	(5)
4	YES	JUST	US-9518 - A	1	UNDER-MOUNT	18" x 9-1/2" x 5-1/2"	BASKET	ELKAY	LK1110	1	2-1/2""	8"	N/A	LEVER	CHROME	KEY	(5)(6)

- ACCEPTABLE MANUFACTURERS:
  -BASIN: ADVANCE TABCO, JUST, ELKAY.
  -FAUCETS: CHICAGO, T&S BRASS, ZURN.
  -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
- MATERIAL: 18 GAUGE 304 STAINLESS STEEL SINK, ANGLE SUPPLIES WITH STOPS WITH BRASS STEMS.
- PROVIDE EACH COMPARTMENT WITH STAINLESS STEEL BASKET TYPE STRAINER, STAINLESS STEEL TAILPIECE , AND 1-1/2" 17 GAUGE "P" TRAP W/ CLEANOUT.
- VERIFY SINK CUTOUT SIZE WILL FIT IN COUNTERTOP WITH CABINET SHOP DRAWINGS PRIOR TO ORDERING.
(1) PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR ADA ACCESSIBLE SINK. SEE ARCHITECTURAL PLANS FOR LOCATIONS.
(4) PROVIDE DRINKING FOUNTAIN - CHICAGO 748-66FHABCP.
(5) PROVIDE BELOW DECK POINT OF USE THERMOSTATIC MIXING VALVE SHALL COMPLY WITH ASSE 1070. SET TO 105 DEG F
(6) PROVIDE UNDERCOUNTER RO SYSTEM AND SUITABLE PLASTIC PIPING FOR POTABLE WATER SINK FAUCET.

VALVE BOX SCHEDULE (VB)

TAG	MANUFACTURER	MODEL	SERVICE	MOUNTING	VALVE	BOX MATERIAL	WATER INLET SIZE	WATER OUTLET SIZE	DRAIN SOCKET SIZE	NOTES
1	SIOUX CHIEF	696-G1010	COFFEE / ICE MAKER	RECESSED	1/4 TURN	PLASTIC	1/2" COLD	3/8" COMP.	-	(1)(2)
2	SIOUX CHIEF	696-2313MF	WASHING MACHINE	RECESSED	1/4 TURN	PLASTIC	1/2" HOT & COLD	3/4" HOSE	2"	(2)

- ACCEPTABLE MANUFACTURERS: SIOUX CHIEF, SYMMONS, GUY GRAY.
- ABS PLASTIC BOX AND FRAME, GALVANIZED STEEL MOUNTING BRACKET, BRASS VALVE BODY, INTEGRAL WATER HAMMER ARRESTOR AND TRIM.
(1) BACKFLOW PREVENTER SHALL COMPLY WITH ASSE 1022.
(2) WATER HAMMER ARRESTORS SHALL COMPLY WITH ASSE 1010.

WATER CLOSET SCHEDULE (WC)

TAG	ADA (1)	BOWL MANUFACTURER	BOWL MODEL	BOWL MOUNTING	BOWL RIM HT. A.F.F.	BOWL CARRIER	TANK TYPE	TANK GAL. PER FLUSH	TANK SUPPLY STOP TYPE	FLUSH VALVE MANUFACTURER	FLUSH VALVE MODEL	FLUSH VALVE GAL. PER FLUSH	FLUSH VALVE OPERATION TYPE	MIN. PRESS. PSIG	SEAT MANUFACTURER	SEAT MODEL	NOTES
1	YES	KOHLER	K-4325	WALL	17"	YES	-	-	-	SLOAN	111	1.6	LEVER	25	BEMIS	1655SSCT	-
2	YES	KOHLER	K-96057	FLOOR	16-5/8"	NO	-	-	-	SLOAN	111	1.6	LEVER	25	BEMIS	1655SSCT	-
3	YES	KOHLER	K-96064-SS	FLOOR	10-1/2"	NO	-	-	-	SLOAN	111	1.6	LEVER	25	KOHLER	K-4686	(5)

- ACCEPTABLE MANUFACTURERS:
  -BOWL: AMERICAN STANDARD, KOHLER, SLOAN, ZURN.
  -FLUSH VALVE: DELANY, KOHLER, SLOAN, ZURN.
  -SEAT: BEMIS, CHURCH.
  -CARRIER AND SUPPORT: J.R. SMITH, WADE, ZURN.
- VITEROUS CHINA, WATER SAVING, MINIMUM 2 - 1/8" GLAZED TRAPWAY, SIPHON JET ELONGATED BOWL WITH WHITE SOLID PLASTIC OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGE.
- CONTROLS FOR ADA ACCESSIBLE FIXTURES SHALL BE ON THE OPEN SIDE.
(1) SEE ARCHITECTURAL PLANS FOR LOCATIONS.
(5) CHILD HEIGHT.

WATER SOFTENER SCHEDULE (WS)

TAG	MANUFACTURER	MODEL	MINERAL TANK QTY	MINERAL TANK FLOW GPM	MINERAL TANK PSIG LOSS	MINERAL TANK SIZE DIA x HT	MINERAL TANK BACK-WASH	MINERAL TANK RESIN CU. FT.	BRINE TANK CAPACITY GRAINS	BRINE TANK CAPACITY @ LBS	BRINE TANK METER SIZE	BRINE TANK SIZE	BRINE TANK DRY SALT STORAGE	NOTES
1	HELLENBRAND	H151-...	SIMPLEX	35	15	14" x 65"	4.2 GPM	3	84,000	30	1.5"	18" x 40"	300	(1)(2)

- ACCEPTABLE MANUFACTURERS: HELLENBRAND, CULLIGAN, WATER-RIGHT.
- PROVIDE COMPLETE FILL OF BRINE TANK AT PROJECT COMPLETION.
- PROVIDE "SYSTEMMATE" ELECTRONIC METER CONTROLLER PROGRAMMED FOR DELAYED REGENERATION BASED ON FLOW.
(1) PROVIDE WATER QUALITY TEST TO ENGINEER FOR REVIEW PRIOR TO SHOP DRAWING SUBMITTAL.
(2) SIZED FOR DOMESTIC HOT WATER DISTRIBUTION ONLY.

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209 south water street, milwaukee, wisconsin 53204 t 414.289.9650
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608.249.9
1970 main street, suite 309, sarasota, florida 34236 t 941.444.88
311 canyon west dr, buda, tx 78610 t 737.525.09

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HVAC LEGEND

SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION
	SUPPLY AIR DUCT UP		T	THERMOSTAT
	SUPPLY AIR DUCT DOWN		H	HUMIDISTAT
	RETURN OR OUTSIDE DUCT UP		S.A.	SUPPLY AIR
	RETURN OR OUTSIDE AIR DUCT DOWN		R.A.	RETURN AIR
	EXHAUST AIR DUCT UP		O.A.	OUTSIDE AIR
	EXHAUST AIR DUCT DOWN		M.A.	MIXED AIR
	VOLUME DAMPER		P.O.C.	POINT OF CONNECTION
	AUTOMATIC DAMPER		U.C.D.	UNDERCUT DOOR
	FIRE DAMPER		CO2	CARBON DIOXIDE SENSOR (DUCT)
A.F.F.	ABOVE FINISHED FLOOR		E.M.	EMERGENCY OFF SWITCH (WALL)
	DUCTWORK WITH 1" DUCT LINER FOR SOUND ATTENUATION		E.T.R.	EXISTING TO REMAIN

HVAC SYMBOLS

- BALL VALVE
- PRESSURE INDEPENDENT CONTROL VALVE (P.I.)
- 2-WAY MODULATING VALVE
- 3-WAY MODULATING VALVE
- CHECK VALVE
- STRAINER
- MOTORIZED GAS VALVE (m)
- THERMOMETER
- PRESSURE/TEMP. TAP
- NATURAL GAS (G)
- FLEXIBLE PIPE CONNECTION
- CIRCUIT SETTER
- PRESSURE GAGE
- DIFFERENTIAL PRESSURE SENSOR (DP)
- TEMPERATURE TRANSMITTER (TT)
- WATER FLOW METER (GPM) (FM)
- CAPPED DRAIN VALVE
- BUTTERFLY VALVE
- HEATING HOT WATER SUPPLY (HWS)
- CHILLED WATER SUPPLY (CWS)
- HEATING HOT WATER RETURN (HWR)
- CHILLED WATER RETURN (CWR)
- MANUAL AIR VENT w/COCK
- UNION OR FLANGE

VARIABLE AIR VOLUME DEVICE SCHEDULE

SELECTIONS BASED ON: ENVIRO-TEC (or Equal)

	TAG	MODEL	INLET DIA. IN.	COOLING CFM CAP. RANGE MAX.	COOLING CFM CAP. RANGE MIN.	HEATING CFM	HEATING COIL DATA AIR EDB °F	AIR LDB °F	AIR MAX.P.D	WATER MBH	WATER ROWS	WATER EWT °F	WATER GPM	TEMP. CONTROL VALVE TYPE	BRANCH LINE SIZE IN.
LOWEST LEVEL	V109A	SDR	8	600	200	300	55	95	0.4	18.0	2	180	2.0	2 - WAY	3/4"
	V112	SDR	10	900	300	400	55	95	0.4	27.0	2	180	2.5	2 - WAY	3/4"
	V117	SDR	6	250	0	N / A	- -	- -	- -	- -	- -	- -	- -	- -	- -
	V137	SDR	8	600	200	300	55	95	0.4	18.0	2	180	2.0	2 - WAY	3/4"
	V145	SDR	10	900	300	450	55	90	0.4	25.0	2	180	2.5	2 - WAY	3/4"
	V149	SDR	12	1,660	500	800	55	90	0.4	40.0	2	180	3.0	2 - WAY	3/4"
	V153	SDR	6	250	75	150	55	95	0.4	9.0	2	180	1.0	2 - WAY	3/4"
MIDDLE LEVEL (1st FLOOR)	208	SDR	9	800	200	400	55	95	0.4	25.0	2	180	2.0	2 - WAY	3/4"
	212	SDR	8	525	150	300	55	95	0.4	18.0	2	180	2.0	2 - WAY	3/4"
	215	NOT USED													
	217	SDR	12	1,200	400	650	55	100	0.4	38.0	2	180	2.5	2 - WAY	3/4"
	218	NOT USED													
	219	SDR	12	1,500	400	700	55	100	0.4	43.0	2	180	3.0	2 - WAY	3/4"
	220	SDR	12	1,200	400	650	55	100	0.4	38.0	2	180	2.5	2 - WAY	3/4"
	221	SDR	12	1,200	400	650	55	100	0.4	38.0	2	180	2.5	2 - WAY	3/4"
	222	SDR	12	1,200	400	650	55	100	0.4	38.0	2	180	2.5	2 - WAY	3/4"
	223	SDR	14	2,100	650	1,100	55	100	0.4	60.0	2	180	3.5	2 - WAY	3/4"
	232	SDR	7	400	125	200	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	239	SDR	7	400	125	250	55	95	0.4	15.0	2	180	1.0	2 - WAY	3/4"
	240	SDR	12	1,500	400	700	55	100	0.4	43.0	2	180	3.0	2 - WAY	3/4"
	241	SDR	9	650	200	350	55	95	0.4	23.0	2	180	2.0	2 - WAY	3/4"
	243	SDR	9	650	200	350	55	95	0.4	23.0	2	180	2.0	2 - WAY	3/4"
	245	SDR	10	850	300	450	55	90	0.4	26.0	2	180	2.0	2 - WAY	3/4"
HIGHEST LEVEL (2nd FLOOR)	312A	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	312D	SDR	7	400	125	250	55	95	0.4	15.0	2	180	1.0	2 - WAY	3/4"
	312K	SDR	7	400	125	250	55	95	0.4	15.0	2	180	1.0	2 - WAY	3/4"
	312I	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	317B	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	322C	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	323C	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"
	332E	SDR	6	300	75	150	55	95	0.4	9.0	2	180	0.75	2 - WAY	3/4"

NOTES:

1. EXTEND THIS FACILITY EXISTING BAS / DDC TO ALL AIR TERMINAL UNITS.
   BAS / DDC CONTRACTOR SHALL INTEGRATE NEW TERMINAL UNITS INTO EXISTING AND UPGRADED SOFTWARE AND GRAPHICS.
   CONTROLLERS SHALL BE OPEN PROTOCOL BACnet, COMPATIBLE WITH EXISTING HEAD END AND FUTURE UPGRADE TO HEAD END.
2. FURNISH AND INSTALL WALL MOUNTED THERMOSTAT AT 48" A.F.F. FOR EACH VAV BOX. THERMOSTATS SHALL INCLUDE POINT OF USE TEMPERATURE ADJUSTMENT AT DEVICE.
3. HEATING CONTRACTOR SHALL MODIFY AND PROGRAM VFD SETTINGS AT EXISTING RTU-1, RTU-2 AND RTU-3 FOR ADJUSTED AIRFLOW QUANTITIES SPECIFIED IN THIS PROJECT SCOPE OF WORK.
4. NOTE TO TEMPERATURE CONTROL CONTRACTOR:
   ALL NEW BAS CONTROLLERS AND PROGRAMMING SHALL BE BE COMPATIBLE WITH THE EXISTING BAS / DDC STRUCTURE AND SHALL UTILIZE ALL IP BASED CONTROLLERS.
   ALL NEW CONTROL WORK SHALL SEAMLESSLY INTEGRATE WITH THE EXISTING Inet INTEGRATION PREVIOUSLY INSTALLED AT THIS PROJECT SITE AND SHALL BE FULLY BROWSABLE
   ALL NEW SYSTEM GRAPHICS ADDED AS PART OF THIS PROJECT SHALL BE INTEGRATED WITH EXISTING Inet AT THIS SITE.

ROOF EXHAUST FAN SCHEDULE

BASED ON: LOREN COOK

TAG	SERVES	MODEL	WHEEL DIA.	CFM	EXT. S.P.	MOTOR HP	VOLT / Ph.	DRIVE	ROOF OPENING	MAX. RPM	WEIGHT	REMARKS
RE-01	137A, 137B, 137C, 137D	ACED-101C17DEC	11"	450	0.4"	1 / 4 E.C.	115 - 1	DIRECT	13.5" x 13.5"	1,300	50 Lbs.	1, 2, 3
RE-02	219A, 220A, 221A, 223A	ACED-101C17DEC	11"	750	0.55"	1 / 4 E.C.	115 - 1	DIRECT	13.5" x 13.5"	1,700	50 Lbs.	1, 2, 3
RE-03	240A, 242B, 242C, 244B	ACED-101C17DEC	11"	600	0.55"	1 / 4 E.C.	115 - 1	DIRECT	13.5" x 13.5"	1,550	50 Lbs.	1, 2, 3
RE-04	235 - TELECOM	ACED-190C17DEC	10"	190	0.5"	1 / 4 E.C.	115 - 1	DIRECT	13.5" x 13.5"	1,399	50 Lbs.	1, 2, 4
RE-05	327 - TELECOM	ACED-190C17DEC	10"	190	0.5"	1 / 4 E.C.	115 - 1	DIRECT	13.5" x 13.5"	1,399	50 Lbs.	1, 2, 4

NOTES:

1. PROVIDE FACTORY DISCONNECT SWITCH, STARTER, 14" HIGH ROOF CURB.
2. MODULATING OPPOSED BLADE DAMPER AND 24v DAMPER ACTUATOR REQUIRED.
3. PROVIDE AUTOMATIC START / STOP THROUGH BAS / DDC.
   FAN OPERATION SHALL BE CONTINUOUS WHILE BUILDING IS OCCUPIED.
4. PROVIDE AUTOMATIC START / STOP THROUGH LINE VOLTAGE REVERSE ACTING THERMOSTAT.
   FAN OPERATION SHALL BE CONTINUOUS WHILE TELECOM ROOM TEMPERATURE IS ABOVE SET POINT.

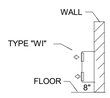
H.W. CABINET UNIT HEATER SCHEDULE

SELECTIONS BASED ON: STERLING

CUH-	MODEL	CABINET SIZES (INCHES) LENGTH	WIDTH	DEPTH	RECESS	E.W.T.	MBH	GPM	ROWS	FAN SPEED	CFM	H.P.	VOLT Ph.	HWS / HWR PIPE SIZE	TEMP. CONTROL VALVE TYPE
1	WI-1130-04	47"	25"	9.5"	6.25"	180 F	32.0	2.5	2	LOW	335	1/10	120/1	3/4"	2 - WAY

NOTE:

1. PROVIDE FACTORY DISCONNECT SWITCH.
   HEATING CONTRACTOR SHALL PROVIDE STARTER TO E.C. FOR INSTALLATION.
2. PROVIDE FACTORY MOTOR SPEED CONTROL SWITCH.
   HEATING CONTRACTOR SHALL DELIVER SPEED SWITCH TO E.C. FOR INSTALLATION.
3. FURNISH AND INSTALL WALL MOUNTED TEMPERATURE SENSOR AT 48" A.F.F. FOR CONTROL OF H.W. TEMPERATURE CONTROL VALVE AND BLOWER MOTOR.
   PROVIDE TEMPERATURE MONITORING AND ADJUSTMENT THROUGH B.A.S.
4. REMOVE AND REPLACE EXISTING WALL CONSTRUCTION MATERIALS AS REQUIRED TO INSTALL UNIT AND CONCEAL BRANCH HWS / HWR PIPING.



100% OUTSIDE AIR MAKE-UP AIR UNIT SCHEDULE

BASED ON: AAON (or EQUAL)

TAG	MODEL	SUMMER DB / WB	COOL CAPACITY (MBH) TOTAL	COOL CAPACITY (MBH) SENSIBLE	REFRIG. TYPE	EVAP. COIL Sq.Ft. / ROWS	COMP. QTY.	No. OF STAGES	NO. REF. CIR.	EER @ OP.	HEATING DB F	FUEL TYPE	HEAT CAPACITY (MBH) INPUT	HEAT CAPACITY (MBH) OUTPUT	TURNDOWN RATIO	HEAT EXCHANGER	SUPPLY AIR FAN QTY.	SUPPLY AIR FAN CFM	SUPPLY AIR FAN ESP	SUPPLY AIR FAN H.P.	SUPPLY AIR FAN FACTORY VFD	E.C. CONDENSER FAN AMB. °F	E.C. CONDENSER FAN QTY.	ELECTRICAL H.P.	ELECTRICAL VOLT/ PHASE	ELECTRICAL MCA	ELECTRICAL MAX. FUSE	WEIGHT LBS.
MUA-1	RQ-006-3-H-EB09-37B	89 / 77	82.0	42.0	R-410A	5.3 / (6)	1	VARIABLE	1	13.1	- 10 F	NAT. GAS	160.0	129.6	8.8 : 1	STAINLESS	1	1,380	0.9"	2.0	YES	95	1	1 / 3	460 / 3	17	25	1,199

NOTES:

1. NON-FUSED DISCONNECT SWITCH AND 115v / 1 Ph. CONVENIENCE OUTLET PROVIDED BY HEATING CONTRACTOR.
2. UNIT SHALL INCLUDE 100% OUTSIDE AIR MOTORIZED DAMPER (NO RETURN OPENING).
3. COMPRESSOR TYPE: VARIABLE CAPACITY SCROLL (BAS/DDC CONTRACTOR SHALL PROVIDE 0 - 5 VOLT DC SIGNAL TO VARIABLE CAPACITY SCROLL COMPRESSOR).
4. PROVIDE UNIT WITH TERMINAL STRIP FOR CONNECTION POINT FOR DDC CONTROLS CONTRACTOR.
5. PROVIDE CONDENSER FAN WITH E.C. MOTOR AND HEAD PRESSURE CONTROL.
6. HEATING CONTRACTOR SHALL FURNISH AND INSTALL GRADE MOUNTED MUA-1 LEVEL ON INSULATED 36" HIGH SUPPORT CURB.

DIMENSIONS: 44.25"W x 50.5"H x 82.5"L

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

SELECTIONS BASED ON: YORK VRF

TAG	MODEL	CAPACITY (TONS)	TYPE	COOL BTUH	HEATING BTUH	CFM	EER	MCA	MOCP	VOLT/PH	SOUND PRESSURE LEVEL dB
OU-1	YVAHP-120B42S	10.0	OUTDOOR	114,000	129,000	9,037	12.7	24	30	460 / 3	63.0
IU-1	YICS-036-B22S	3.0	SUSPENDED	32,000	32,000	900	- -	160 WATTS	- -	208/230v - 1	31
IU-2	YICS-036-B22S	3.0	SUSPENDED	32,000	32,000	900	- -	160 WATTS	- -	208/230v - 1	31
IU-3	YICS-036-B22S	3.0	SUSPENDED	32,000	32,000	900	- -	160 WATTS	- -	208/230v - 1	31

NOTES:

1. INVERTER DRIVEN COMPRESSOR REQUIRED.
2. FURNISH AND INSTALL WALL MOUNTED CENTRAL CONTROLLER AND (1) ZONE CONTROL THERMOSTAT AT 48" A.F.F..
3. CEILING SUSPENDED UNITS REQUIRE CONDENSATE PUMP FOR CONDENSATE REMOVAL. HEATING CONTRACTOR SHALL PROVIDE. ROUTE PUMPED CONDENSATE PIPING TO NEAREST DRAIN FOR ALL INDOOR UNITS.
4. ALL REFRIGERATION PIPING BETWEEN DEVICES SHALL BE SIZED BY MANUFACTURER. (CONTRACTOR SHALL VERIFY ALL REFRIGERANT LINE SIZES PROVIDED IN MANUFACTURER INSTALLATION MANUAL).
5. REFRIGERATION TYPE: R410A
6. CEILING SUSPENDED UNIT DIMENSIONS: 27.5" x 62.5" x 9.5".
7. LOCATE OUTDOOR UNIT (OU-1) 10'-0" MINIMUM FROM ROOF EDGE. OU-1 WEIGHT = 750 Lbs..
8. FURNISH AND INSTALL AIR COOLED COMPRESSOR CONDENSING UNIT ON EQUIPMENT RAILS EQUAL TO OR GREATER THAN ES-1 EQUIPMENT SUPPORTS, MFR. BY THE PATE COMPANY. ATTACH OU-1 TO EQUIPMENT RAILS.

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

SELECTIONS BASED ON: HITACHI - PRIMAIRY

TAG	MODEL	CAPACITY (TONS)	TYPE	COOL BTUH	HEATING BTUH	CFM	EER	MCA	MOCP	VOLT/PH	SOUND PRESSURE LEVEL dB
OU-2	RAS-3.0PNNBDH1-LAC	2.0	OUTDOOR	23,400	25,800	2,335	11.9	23.3	35	208/230v - 1	55.0
IU-2	RPK-3.0PNND1H	2.0	SIDEWALL	23,400	25,800	880	- -	35 WATTS	- -	208/230v - 1	38.0

NOTES:

1. INVERTER DRIVEN COMPRESSOR REQUIRED.
2. FURNISH AND INSTALL WALL MOUNTED CENTRAL CONTROLLER THERMOSTAT AT 48" A.F.F..
3. SIDEWALL IU-2 UNIT REQUIRE CONDENSATE PUMP FOR CONDENSATE REMOVAL. HEATING CONTRACTOR SHALL PROVIDE. ROUTE PUMPED CONDENSATE PIPING TO NEAREST DRAIN FOR ALL INDOOR UNITS.
4. ALL REFRIGERATION PIPING BETWEEN DEVICES SHALL BE SIZED BY MANUFACTURER. (CONTRACTOR SHALL VERIFY ALL REFRIGERANT LINE SIZES PROVIDED IN MANUFACTURER INSTALLATION MANUAL).
5. REFRIGERATION TYPE: R410A
6. INDOOR (IU-2) UNIT DIMENSIONS: 9.5"D x 48"W x 12"H
7. LOCATE OUTDOOR UNIT (OU-1) 10'-0" MINIMUM FROM ROOF EDGE. OU-2 WEIGHT = 165 Lbs..
8. FURNISH AND INSTALL AIR COOLED COMPRESSOR CONDENSING UNIT ON EQUIPMENT RAILS EQUAL TO OR GREATER THAN ES-1 EQUIPMENT SUPPORTS, MFR. BY THE PATE COMPANY. ATTACH OU-1 TO EQUIPMENT RAILS.

DRYER EXHAUST DUCT POWER VENTILATOR SCHEDULE

BASED ON: FANTECH (or UL705 LISTED & APPROVED EQUAL)

TAG = DEF-01

FANTECH MODEL No. = DEPV-705

AIRFLOW CAPACITY = 170 CFM

LOCATION = 1ST FLOOR CEILING, SERVES LAUNDRY - 229.

ELECTRICAL = 115v - 1Ph., 72.0 WATTS, 0.75 AMPS

WEIGHT = 15.0 Lbs.

ALL HVAC STARTERS AND DISCONNECTS ARE FURNISHED BY THE HEATING CONTRACTOR, INSTALLED BY ELECTRICAL.

PROVIDE FACTORY PRESSURE SWITCH TO AUTOMATICALLY ACTIVATE THE EXHAUST FAN WHEN DRYER IS OPERATING.

PROVIDE (4) MOUNTING CLAMPS AND (2) CLEAN-OUTS WITH EACH FAN FROM FACTORY.

PROVIDE WALL MOUNTED INDICATOR PANEL WITH LED LIGHTS TO ALERT FAILURE. (WALL MOUNT NEAR DRYER).

WHERE DRYER EXHAUST DUCT VENT LENGTH AND NUMBER OF CHANGES IN DIRECTION EXCEED THE DOMESTIC CLOTHES DRYER MANUFACTURER LIMITS, THE HEATING CONTRACTOR SHALL FURNISH AND INSTALL A UL705 LISTED AND APPROVED DRYER EXHAUST DUCT POWER VENTILATOR.

GRILLES, REGISTERS, DIFFUSERS

BASED ON: PRICE AIR DISTRIBUTION PRODUCTS (or Equal)

TAG	MODEL	NOMINAL SIZES NECK/THROAT	NOMINAL SIZES FACE	NOMINAL SIZES PANEL	DUTY	DAMPER	CONSTR.	FINISH	REMARKS
CD-1	ASPD	6" Rd.	12 x 12	24 x 24	SUPPLY	- -	ALUM.	WHITE	LAY-IN MOUNTED PLAQUE DIFFUSER
CD-2	ASPD	8" Rd.	24 x 24	24 x 24	SUPPLY	- -	ALUM.	WHITE	LAY-IN MOUNTED PLAQUE DIFFUSER
CD-3	ASPD	10 Rd.	24 x 24	24 x 24	SUPPLY	- -	ALUM.	WHITE	LAY-IN MOUNTED PLAQUE DIFFUSER
CD-3a	ASPD	10 Rd.	24 x 24	- -	SUPPLY	- -	ALUM.	WHITE	SURFACE MOUNTED PLAQUE DIFFUSER
CD-4	ASPD	12 Rd.	24 x 24	24 x 24	SUPPLY	- -	ALUM.	WHITE	LAY-IN MOUNTED PLAQUE DIFFUSER
T-1 or E-1	80 SERIES	22 x 12	- -	- -	VARIES	-	ALUM.	WHITE	LAY-IN MOUNTED EGG-CRATE GRILLE
T-2	80 SERIES	22 x 22	- -	- -	TRANSFER	-	ALUM.	WHITE	LAY-IN MOUNTED EGG-CRATE GRILLE
TG-1	630	16 x 8	- -	- -	TRANSFER	- -	ALUM.	WHITE	LOUVERED GRILLE
TG-2	630	20 x 8	- -	- -	TRANSFER	- -	ALUM.	WHITE	LOUVERED GRILLE
TG-5	630	48 x 18	- -	- -	TRANSFER	- -	ALUM.	WHITE	LOUVERED GRILLE
EG-1	630	10 x 6	- -	- -	EXHAUST	- -	ALUM.	WHITE	LOUVERED GRILLE
SG-1	620-DAL	18 x 6	- -	- -	SUPPLY	YES	ALUM.	WHITE	LOUVERED SUPPLY, DOUBLE DEFLECTION
SG-2	620-DAL	22 x 6	- -	- -	SUPPLY	YES	ALUM.	WHITE	LOUVERED SUPPLY, DOUBLE DEFLECTION
SG-3	620	8 x 6	- -	- -	SUPPLY	- -	ALUM.	WHITE	LOUVERED SUPPLY, DOUBLE DEFLECTION
SG-4	620	28 x 4	- -	- -	SUPPLY	- -	ALUM.	WHITE	LOUVERED SUPPLY, DOUBLE DEFLECTION
DG-1	ATG1	12 x 10	- -	- -	TRANSFER	- -	ALUM.	WHITE	SIGHTPROOF ALUMINUM DOOR GRILLE

KITCHEN EXHAUST FAN SCHEDULE

SELECTIONS BASED ON: LOREN COOK, VCR-D-VF

KEF-	MODEL	CFM	E.S.P.	RPM	MOTOR H.P	VOLT/Ph.	R.L.A.	SONES	WEIGHT Lbs.	NOTES
1	135V17D (VF)	1,570	0.7"	1,500	3 / 4	115 / 1	8.3	17.1	99	1, 2, 3, 4, 5, 6

NOTES:

1. TYPE 1 STAINLESS STEEL HOOD, ANSUL FIRE SUPPRESSION SYSTEM w/ CONTROL SHALL BE FURNISHED AND INSTALLED AT JOBSITE BY FOOD SERVICE EQUIPMENT INSTALLER.
2. HEATING CONTRACTOR SHALL FURNISH AND INSTALL SIDEWALL CENTRIFUGAL EXHAUST FAN AT EXISTING EXTERIOR WALL. BOTTOM OF FAN SHALL BE 10'-0" MINIMUM ABOVE GRADE.
3. HEATING CONTRACTOR SHALL FURNISH AND INSTALL 12x11 LIQUID TIGHT GREASE DUCT AND ZERO CLEARANCE INSULATION FROM HOOD OUTLET FLANGE TO WALL MOUNTED EXHAUST FAN.
4. FURNISH AND INSTALL HORIZONTAL GREASE DUCT PER THE REQUIREMENTS OF IMC-2015; SECTIONS: 506.3.7, 506.3.8 & 506.3.9
5. EXHAUST FAN OPERATION SHALL BE CONTINUOUS WHILE COMMERCIAL COOKING APPLIANCES ARE IN OPERATION. PROVIDE AUTOMATIC AND MANUAL START / STOP CONTROLS AS REQUIRED.
6. FAN SHALL INCLUDE NEMA 3 DISCONNECT (PRE-WIRED) AND FAN MOUNTED SPEED CONTROL.

KITCHEN EXHAUST HOOD " TYPE I "

SELECTION PROVIDED BY: STEWART DESIGN ASSOCIATES, Inc.

TAG -	MFR.	MODEL	HOOD SIZE LENGTH	HOOD SIZE DEPTH	HOOD SIZE HEIGHT	CFM	EXHAUST OUTLET	REMARKS
KEH-1	HALTON	KSA	126"	66"	24" & 18"	1,570	12 x 11	1, 2, 3, 4, 5

1. TYPE I COMMERCIAL EXHAUST HOOD AND FIRE SUPPRESSION SYSTEM FURNISHED AND INSTALLED BY OTHERS.
2. HEATING CONTRACTOR SHALL FURNISH AND INSTALL 12x11 LIQUID TIGHT GREASE DUCT AND ZERO CLEARANCE INSULATION FROM HOOD OUTLET FLANGE TO WALL MOUNTED EXHAUST FAN (KEF-1).
3. INSTALLATION OF THE KITCHEN EXHAUST HOOD, DUCTWORK AND DUCT INSULATION SHALL BE MADE IN STRICT ACCORDANCE WITH NFPA 96, AND IMC - SECTION 506.4 (2015 EDITION).
4. HOOD CONSTRUCTION SHALL BE 18 GA. 304 STAINLESS STEEL. BOTTOM OF HOOD ELEVATION SHALL BE FIELD VERIFIED WITH COMMERCIAL COOKING EQUIPMENT HEIGHT. FURNISH AND INSTALL FULL SIZE S.S. APRON (TO CONCEAL EXHAUST VENTING) FROM TOP OF HOOD TO ABOVE LAY-IN CEILING.
5. TEMPERED MAKE-UP AIR PROVIDED THROUGH: MUA-1.

ELECTRIC CONTROL DAMPER SCHEDULE

SELECTIONS BASED ON: TAMCO (or EQUAL)

TAG	LOCATION	SERVES	AIRFLOW	SERIES	SIZE W" x H"	ACTUATOR VOLTAGE
AD-01	NEAR ROOF PENETRATION	RE-01	450 CFM	9000	12 x 12	24v - 1Ph.
AD-02	NEAR ROOF PENETRATION	RE-02	750 CFM	9000	12 x 12	24v - 1Ph.
AD-03	NEAR ROOF PENETRATION	RE-03	600 CFM	9000	12 x 12	24v - 1Ph.
AD-04	NEAR ROOF PENETRATION	RE-04	190 CFM	9000	8 x 8	24v - 1Ph.
AD-05	NEAR ROOF PENETRATION	RE-05	190 CFM	9000	8 x 8	24v - 1Ph.

NOTES:

1. THERMALLY INSULATED CONTROL DAMPER WITH EXTRUDED SILICONE FRAME AND BLADE SEALS.
2. TEMPERATURE CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL BELIMO 24v / 1Ph. ACTUATOR. PROVIDE AUTOMATIC DAMPER OPERATION THROUGH BAS / DDC.

UNDERCUT DOORS

LOCATION	TYPE / SIZE		LOCATION	TYPE / SIZE
216A - TOILET	DOOR UNDERCUT = 0'-1"		223A - TOILET	DOOR UNDERCUT = 0'-1"
217A - TOILET	DOOR UNDERCUT = 0'-1"		234 - TOILET	DOOR UNDERCUT = 0'-1"
218A - TOILET	DOOR UNDERCUT = 0'-1"		137A - SHOWER / TOILET	DOOR UNDERCUT = 0'-1"
219A - TOILET	DOOR UNDERCUT = 0'-1"		137B - SHOWER / TOILET	DOOR UNDERCUT = 0'-1"
220A - TOILET	DOOR UNDERCUT = 0'-1"		137C - SHOWER / TOILET	DOOR UNDERCUT = 0'-1"
221A - TOILET	DOOR UNDERCUT = 0'-1"		137D - ELECTRICAL ROOM	DOOR UNDERCUT = 0'-1"

NOTE:

1. UNDERCUT DOORS SHALL BE INCLUDED IN ARCHITECTURAL DOOR SCHEDULE FOR FACTORY INSTALLATION BY DOOR MANUFACTURER.

ELECTRIC CEILING HEATER SCHEDULE

BASED ON: MARKEL, 3380 SERIES (or Equal)

ECH-	LOCATION	CATALOG No.	BACK BOX DIM. W x L	RECESS DEPTH	CFM	AUX. HEAT WATTS	AUX. HEAT BTUH	VOLT/Ph.	AMPS
1	140 - VESTIBULE model: F3386D-RP	03662902	14-3/8 x 18-1/4	3-3/4	150	4,000	13,600	208 - 1	19.2

NOTES:

1 PROVIDE ACCESSORY KIT FOR INSTALLATION AT EXISTING 2x2 T-BAR LAY-IN CEILING.

2 PROVIDE FACTORY DISCONNECT AND INTEGRAL THERMOSTAT (RANGE: 40 F - 90 F).

JEFFERSON COUNTY, WI

HVAC DESIGN CONDITIONS: (SPS 363.0302)

WINTER = - 10 F
SUMMER = 89 DB / 77 WB

SHEET INDEX

20-426-108

NUMBER	DESCRIPTION
M001	MECHANICAL - SCHEDULES & DETAILS
M002	MECHANICAL - DETAILS
M100	MECHANICAL - GROUND FLOOR DEMOLITION PLAN
M101	MECHANICAL - FIRST FLOOR DEMOLITION PLAN
M102	MECHANICAL - SECOND FLOOR DEMOLITION PLAN
M200	MECHANICAL - GROUND FLOOR PLAN
M201	MECHANICAL - FIRST FLOOR PLAN
M202	MECHANICAL - SECOND FLOOR PLAN
M300	MECHANICAL - ROOF PLAN

209 south water street, milwaukee, wisconsin 53204 t 414 289 9700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9700
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon wren dr., buda, tx 78610 t 737 525 0981

PLUNKETT RAYSICH ARCHITECTS, LLP

ENGINEERING DESIGN BY MSA (800) 362-4505 • www.msa-ps.com

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: M001

MECHANICAL - SCHEDULES & DETAILS

DRAWN BY: Author 8/19/2022 9:14:27 AM

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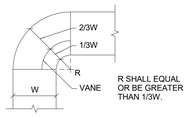
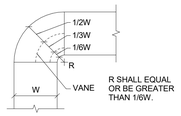


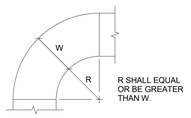
R SHALL EQUAL OR BE GREATER THAN 1/3W.

SHORT RADIUS ELBOW WITH ONE VANE



R SHALL EQUAL OR BE GREATER THAN 1/6W.

SHORT RADIUS ELBOW w/ (2) VANES



R SHALL EQUAL OR BE GREATER THAN W.

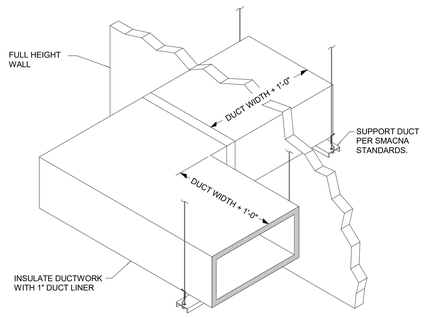
STANDARD RADIUS ELBOW

NOTES :

1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS SHOWN ON PLANS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED, AND FASTENED AS RECOMMENDED BY SMACNA.

RADIUS ELBOW DETAIL

N.T.S.



TRANSFER DUCT ABOVE CEILING DETAIL

N.T.S.

TABLE - 2			
ALLOWABLE HANGER LOAD, MAX.			
STRAPS	LBS.	RODS	LBS.
(2) 1" x 22 GA.	520	(2) 1/4"□	540
(2) 1" x 20 GA.	640	(2) 3/8"□	1360
(2) 1" x 18 GA.	840	(2) 1/2"□	2500
(2) 1" x 16 GA.	1400	(2) 5/8"□	4000
		(2) 3/4"□	6000

TABLE - 1			
STRAP HANGERS (PAIR) SPACED			
W + D MAX.	10'-0" MAX.	8'-0" MAX.	5'-0" MAX.
72"	1" x 22 GA.	1" x 22 GA.	1" x 22 GA.
96"		1" x 20 GA.	1" x 22 GA.
120"		1" x 18 GA.	1" x 22 GA.
168"			1" x 18 GA.
192"			1" x 16 GA.
193" AND UP, SPECIAL ANALYSIS REQUIRED			

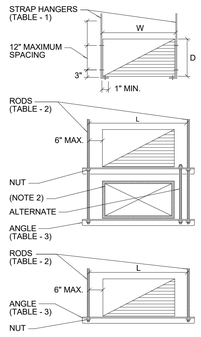


TABLE - 3		
TRAPEZE ANGLE LOAD, MAX.		
LENGTH	2" x 2" x 1/4"	2 1/2" x 2 1/2" x 1/4"
36"	1200 LBS.	1940 LBS.
48"	1160 LBS.	1900 LBS.
60"	1060 LBS.	1800 LBS.
72"	900 LBS.	1640 LBS.
84"	660 LBS.	1400 LBS.
96"	320 LBS.	1060 LBS.

NOTES:

1. TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.
2. PROVIDE HIGH DENSITY INSERT AT TRAPEZE FOR INSULATED DUCTS.

RECTANGULAR DUCT HANGER DETAIL

N.T.S.

HVAC GENERAL NOTES:

A. ALL WORK SHALL BE PERFORMED TO STATE AND LOCAL CODES.

B. HVAC CONTRACTOR IS RESPONSIBLE FOR A COMPLETE WORKING SYSTEM.

C. PROVIDE OWNER WITH OPERATION AND MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.

D. HANG AND SUPPORT MATERIALS PER THE LATEST EDITION OF THE ASHRAE HANDBOOK OF FUNDAMENTALS.

E. DEVIATIONS FROM THE HVAC PLANS SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR AND WILL NOT RESULT IN ADDITIONAL COST TO THE PROJECT UNLESS WRITTEN CHANGE ORDERS ARE APPROVED BY OWNER.

F. COORDINATE HEATING WORK WITH ALL TRADES TO AVOID CONFLICT.

G. INSTALL UNITS ACCORDING TO MANUFACTURERS GUIDELINES.

H. PROVIDE SHOP DRAWINGS OF MAJOR EQUIPMENT TO THE ENGINEER FOR REVIEW PRIOR TO PROCUREMENT.

I. HVAC INSTALLER SHALL BE RESPONSIBLE FOR FINAL TEST AND BALANCING PERFORMED BY INDEPENDENT CONTRACTOR. T&B CONTRACTOR SHALL BE NEBB AND/OR AABC CERTIFIED. PROVIDE REPORT TO ENGINEER.

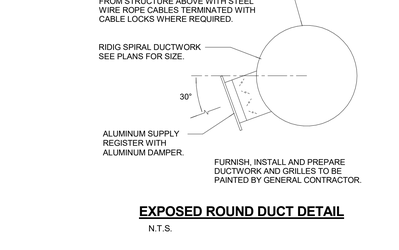
J. ALL HWS / HWR PIPING SHALL BE INSULATED PER IECC- 2009 EDITION, TABLE 503.2.8 IN LIEU OF 2015 - IECC SECTION C403.2.10. * SEE SPS 363.0403; sub (8) PIPING INSULATION REQUIREMENTS.
   - * INSULATE AS FOLLOWS:
   - PIPE SIZES 1 1/4" OR LESS SHALL INCLUDE: 1 1/2" INSULATION.
   - PIPE SIZES 1 1/2" OR LARGER SHALL INCLUDE: 2" INSULATION

K. TEST, ADJUST AND CALIBRATE CONTROL SYSTEMS AS REQUIRED FOR FULLY OPERATIONAL SYSTEM.

L. ALL NEW DUCT JOINTS, SEAMS AND CONNECTIONS SHALL BE SEALED PER IMC; SECTION - 603.9 (2015 EDITION), SPS 363.5403(2) AND IECC; SECTION C403.2.9.1.1 LOW - PRESSURE DUCT SYSTEMS.

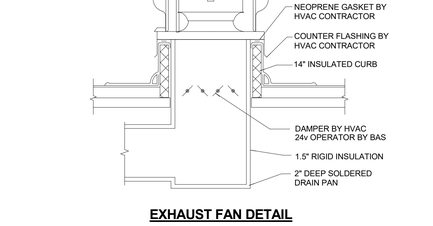
M. INSULATE ALL DUCTWORK PER IECC; SECTION - C403.2.9 (2015 EDITION), SMACNA GUIDELINES AND WISCONSIN ENROLLED CODE.

N. CONTRACTOR TO CONFIRM VOLTAGE AND PHASE OF EQUIPMENT PRIOR TO ORDERING AND INSTALLATION.



TRANSFER DUCT WITH CEILING GRILLE DETAIL

N.T.S.



VAV BOX SUPPORT DETAIL

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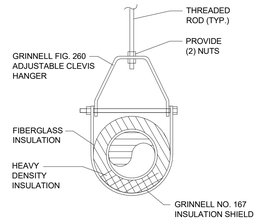

PIPE SUPPORT DETAIL

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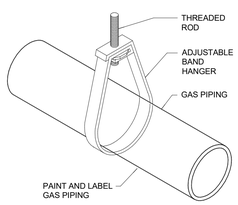
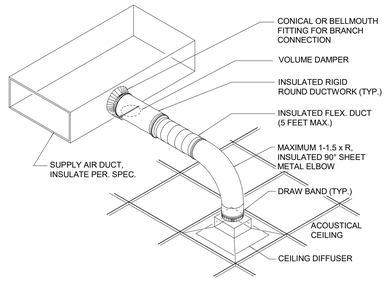


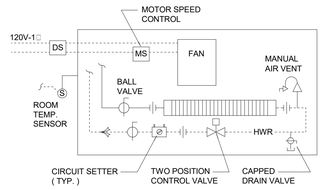
GAS PIPING DETAIL

N.T.S.



DUCT CONNECTION DETAIL

N.T.S.



H.W. CABINET UNIT HEATER PIPING DETAIL

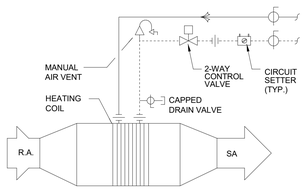
N.T.S.

EXPOSED ROUND DUCT DETAIL

N.T.S.

EXHAUST FAN DETAIL

N.T.S.



2-WAY VALVE PIPING DETAIL

N.T.S.

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REVISIONS:

MECHANICAL - DETAILS

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: M003

DRAWN BY: Author 8/19/2022 9:14:31 AM

VAV BOXES SUMMARY (LOWEST LEVEL - GROUND FLOOR):

Ex. V1, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 3.5 GPM. E.T.R. WITH (3) RELOCATED SLOT DIFFUSERS IN ATRIUM LOBBY - 106.
Ex. V2, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 2.4 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES MAIL ROOM - 118.
Ex. V3, 8" INLET, MAX. AIRFLOW = 800 CFM, 1.5 GPM (REMOVE AND REPLACE WITH NEW SIZE 12" INLET BOX FOR NEW 149 - STUDIO)
Ex. V4, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 1.7 GPM. E.T.R. WITH NEW DOWNSTREAM DUCT AND DIFFUSERS. SERVES STUDIO - 145.
Ex. V5, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 1.6 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES OPEN OFFICE - 126.
Ex. V6, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 2.6 GPM. E.T.R. WITH RELOCATED THERMOSTAT. SERVES GROSS MOTOR SKILLS - 132.

Ex. V7, 5" INLET, MAX. AIRFLOW = 275 CFM, FLOWRATE = 0.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, HWS/HWR, DIFFUSERS, SUPPORTS, ETC..
Ex. V8, 6" INLET, MAX. AIRFLOW = 450 CFM, FLOWRATE = 0.9 GPM. NO HVAC WORK REQUIRED. SERVES STORAGE - 128A.
Ex. V9, 12" INLET, MAX. AIRFLOW = 1800 CFM, FLOWRATE = 6.0 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES GROSS MOTOR SKILLS - 132.
Ex. V10, 12" INLET, MAX. AIRFLOW = 1800 CFM, FLOWRATE = 6.0 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES GROSS MOTOR SKILLS - 132.
Ex. V11, 12" INLET, MAX. AIRFLOW = 1800 CFM, FLOWRATE = 6.0 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES GROSS MOTOR SKILLS - 132.
Ex. V12, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 1.3 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING CEILING DIFFUSERS TO SERVE CORRIDOR - 134.
* PROVIDE FINAL AIR TESTING AND BALANCING TO RESET MAXIMUM AIR FLOW TO: 800 CFM AND MINIMUM AIRFLOW TO: 275 CFM

Ex. V13, 6" INLET, MAX. AIRFLOW = 450 CFM, FLOWRATE = 0.5 GPM. (REMOVE AND REPLACE WITH NEW SIZE 10" INLET BOX FOR NEW STUDIO - 145)
Ex. V14, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 3.0 GPM. E.T.R. NO HVAC WORK REQUIRED. SERVES SPECIALTY WELLNESS - 139.
Ex. V15, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 6.0 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING THERMOSTAT TO SERVE WELLNESS - 147.
Ex. V16, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 1.4 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING THERMOSTAT TO SERVE WELLNESS - 147.
Ex. V17, 6" INLET, MAX. AIRFLOW = 375 CFM, FLOWRATE = 0.9 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING THERMOSTAT TO SERVE O/PT - 147A.
Ex. V18, 5" INLET, MAX. AIRFLOW = 275 CFM, FLOWRATE = 0.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, HWS/HWR, DIFFUSERS, SUPPORTS, ETC..

Ex. V19, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 6.0 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE DIFFUSER TO SERVE WELLNESS - 147.
Ex. V20, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 6.0 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING DIFFUSER TO SERVE 110 AND 140.
Ex. V21, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 3.5 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE EXISTING DIFFUSERS & T-STAT TO SERVE 109B.
Ex. V22, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 2.4 GPM. SITE CLEAR BOX, CONTROLS, DUCT, HWS/HWR, DIFFUSERS, SUPPORTS, ETC..

EXISTING HVAC NOTES -

A. THIS PROJECT INCLUDES WORK IN AN EXISTING FACILITY.

B. THE EXISTING MECHANICAL SYSTEMS INDICATED IN THESE DOCUMENTS ARE DRAWN IN APPROXIMATE LOCATIONS BASED ON FIELD OBSERVATION. ACTUAL SIZES AND INSTALLED LOCATIONS MAY VARY. FIELD VERIFY EXACT CONDITIONS.

C. HEATING CONTRACTOR SHALL DRAIN DOWN AND RE-FILL HOT WATER HEATING SYSTEM AS REQUIRED TO COMPLETE PROPOSED SCOPE OF WORK DESCRIBED IN THESE DOCUMENTS.

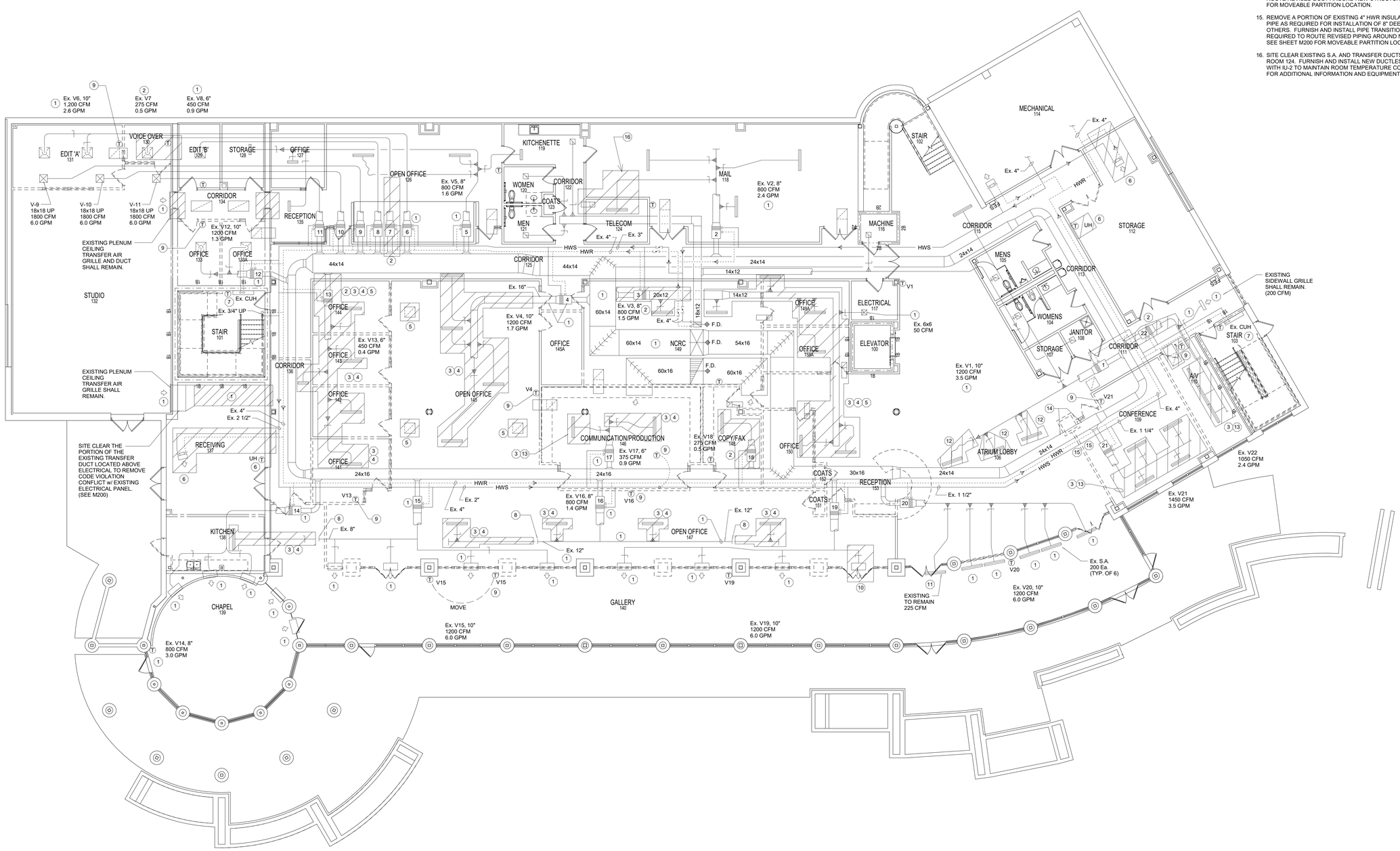
D. THIS EXISTING FACILITY UTILIZES TRANE TEMPERATURE CONTROLS PRODUCT LINE, INSTALLED BY: MASTERS BUILDING SOLUTIONS. MASTERS BUILDING SOLUTIONS CONTACT PERSON: JARED WASIELEWSKI DIRECT DIAL: (414) 546-5077; EMAIL: JWASIELEWSKI@MASTERSHVAC.COM

E. THE HEATING CONTRACTOR SHALL INCLUDE IN THEIR BASE BID AMOUNT ALL TEMPERATURE CONTROL WORK REQUIRED TO EXTEND THE EXISTING BAS TO ALL WORK SPECIFIED IN THESE DOCUMENTS. PROVIDE SYSTEM UPGRADES TO SOFTWARE, GRAPHICS, DEVICES AND COMPONENTS AS REQUIRED FOR ONSITE AND OFFSITE MONITORING AND ADJUSTMENT THROUGH INTERNET CONNECTED SMART DEVICES OR USER WORK STATION.

SEE ADDITIONAL TEMPERATURE CONTROL REQUIREMENTS IN SPECIFICATION SECTION 23 09 00, SECTION 23 09 93 AND THE VARIABLE AIR VOLUME DEVICE SCHEDULE LOCATED ON SHEET M001.

MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. SITE CLEAR EXISTING VAV BOX w/ INTEGRAL HEATING COIL AS INDICATED.
3. SITE CLEAR EXISTING DUCTWORK AND SUPPORTS.
4. SITE CLEAR EXISTING GRILLES, REGISTERS AND DIFFUSERS.
5. SITE CLEAR EXISTING TRANSFER AIR DUCTS, GRILLES AND SUPPORTS.
6. SITE CLEAR H.W. UNIT HEATER, SUPPORTS, CONTROLS AND BRANCH PIPING.
7. EXISTING H.W. CABINET UNIT HEATER SHALL REMAIN. (TYP. OF 2).
8. BREAK EXISTING DUCT AT THIS LOCATION. CAP AND SEAL WITH SHEETMETAL.
9. REMOVE AND RELOCATE EXISTING THERMOSTAT AS INDICATED. SEE SHEET M200 FOR NEW LOCATION.
10. REMOVE AND RELOCATE EXISTING S.A. REGISTER AS REQUIRED TO EXTEND AIRFLOW INTO NEW WELLNESS ROOM 147. SEE SHEET M200 FOR ADDITIONAL INFORMATION.
11. EXISTING SLOT DIFFUSER SHALL REMAIN FOR NEW VESTIBULE 140. SEE SHEET M200 FOR ADDITIONAL INFORMATION.
12. REMOVE AND RELOCATE EXISTING SLOT DIFFUSER AS REQUIRED FOR CONSTRUCTION OF NEW 109A MULTI-PURPOSE ROOM (TYP. OF 3). SEE SHEET M200 FOR ADDITIONAL INFORMATION.
13. REMOVE AND RELOCATE EXISTING SLOT DIFFUSERS TO NEW CEILING PROVIDED BY OTHERS. SEE SHEET M200 FOR NEW WORK.
14. REMOVE A PORTION OF EXISTING 24x14 INSULATED S.A. DUCT AS REQUIRED FOR INSTALLATION OF 8" DEEP SUPPORT BEAM BY OTHERS. FURNISH AND INSTALL DUCT TRANSITION AND INSULATION REQUIRED TO ROUTE REVISED DUCT AROUND NEW STRUCTURAL BEAM. SEE SHEET M200 FOR MOVEABLE PARTITION LOCATION.
15. REMOVE A PORTION OF EXISTING 4" HWR INSULATED PIPE AND 1 1/2" HWS PIPE AS REQUIRED FOR INSTALLATION OF 8" DEEP SUPPORT BEAM BY OTHERS. FURNISH AND INSTALL PIPE TRANSITION AND INSULATION REQUIRED TO ROUTE REVISED PIPING AROUND NEW STRUCTURAL BEAM. SEE SHEET M200 FOR MOVEABLE PARTITION LOCATION.
16. SITE CLEAR EXISTING S.A. AND TRANSFER DUCTS PROVIDED FOR TELECOM ROOM 124. FURNISH AND INSTALL NEW DUCTLESS SPLIT SYSTEM OU-2 WITH IU-2 TO MAINTAIN ROOM TEMPERATURE CONTROL. SEE SHEET M200 FOR ADDITIONAL INFORMATION AND EQUIPMENT LOCATIONS.



NORTH

MECHANICAL - GROUND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon wren dr., buda, tx 78610 t 737 525 09

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

MECHANICAL - GROUND FLOOR DEMOLITION PLAN

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M100

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DRAWN BY: Author 8/19/2022 9:14:35 AM

VAV BOXES SUMMARY (MIDDLE LEVEL - 1st FLOOR):

Ex. V23, 8" INLET, MAX. AIRFLOW = 730 CFM, FLOWRATE = 1.3 GPM, BOX E.T.R. RELOCATE EXISTING THERMOSTAT. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.
Ex. V24, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 2.2 GPM, BOX E.T.R. RELOCATE EXISTING THERMOSTAT. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.
Ex. V25, 5" INLET, MAX. AIRFLOW = 300 CFM, FLOWRATE = 0.5 GPM, BOX E.T.R. RELOCATE EXISTING THERMOSTAT. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.
Ex. V26, 8" INLET, MAX. AIRFLOW = 650 CFM, FLOWRATE = 3.5 GPM, SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V27, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 2.4 GPM, SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V28, 8" INLET, MAX. AIRFLOW = 650 CFM, FLOWRATE = 2.0 GPM, SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..

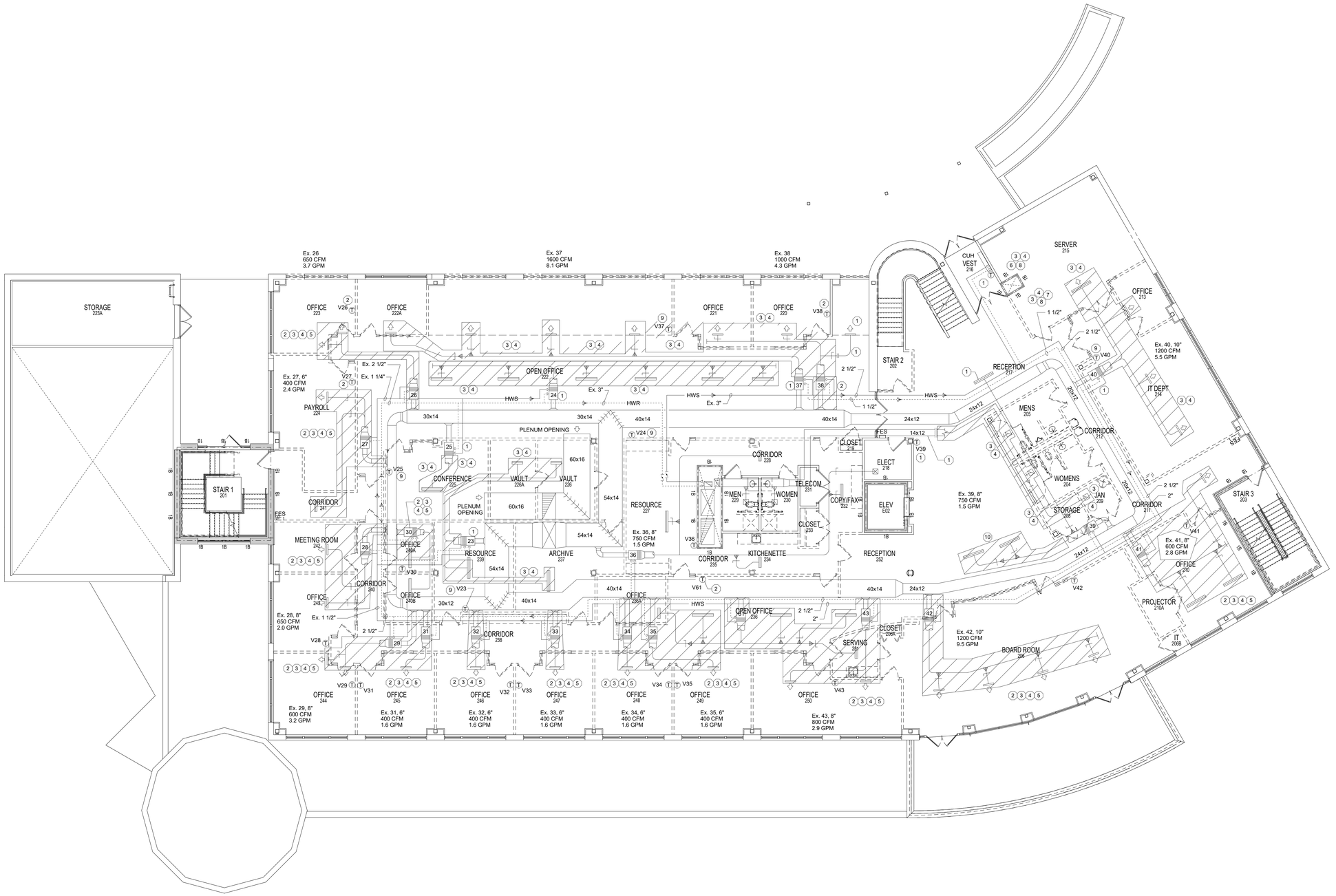
Ex. V29, 8" INLET, MAX. AIRFLOW = 600 CFM, FLOWRATE = 3.0 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V30, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 0.8 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V31 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V32, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V33, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V34, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..

Ex. V35, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V36, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 1.5 GPM. BOX E.T.R. MODIFY BRANCH DUCTWORK AND RELOCATE DIFFUSERS.
Ex. V37, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 6.0 GPM. BOX E.T.R. RELOCATE EXISTING THERMOSTAT. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.
Ex. V38, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 4.0 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V39, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 1.5 GPM. BOX E.T.R. MODIFY BRANCH DUCTWORK, RELOCATED EXISTING DIFFUSERS.
Ex. V40, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 5.5 GPM. BOX E.T.R. RELOCATE EXISTING THERMOSTAT. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.

Ex. V41, 8" INLET, MAX. AIRFLOW = 600 CFM, FLOWRATE = 2.5 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V42, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 6.0 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V43, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 2.9 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..
Ex. V61, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 1.6 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC..

MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. SITE CLEAR EXISTING VAV BOX w/ INTEGRAL HEATING COIL AND CONTROLS AS INDICATED.
3. SITE CLEAR EXISTING DUCTWORK AND SUPPORTS.
4. SITE CLEAR EXISTING GRILLES, REGISTERS AND DIFFUSERS.
5. SITE CLEAR EXISTING TRANSFER AIR DUCTS, GRILLES AND SUPPORTS.
6. SITE CLEAR EXISTING SERVER ROOM, CARRIER SPLIT SYSTEM COMPLETE INCLUDING CONTROLS, SUPPORTS, ROOF MOUNTED EQUIPMENT, RS / RL LINE-SET, ETC.. REPAIR AND INSULATE ROOF PENETRATION WITH MATERIALS TO MATCH EXISTING.
7. SITE CLEAR EXISTING SERVER ROOM LIEBERT SPLIT SYSTEM COMPLETE INCLUDING CONTROLS, SUPPORTS, ROOF MOUNTED EQUIPMENT, RS / RL LINE-SET, ETC.. REPAIR AND INSULATE ROOF PENETRATION WITH MATERIALS TO MATCH EXISTING.
8. RECLAIM ALL REFRIGERANT TO CYLINDER.
9. REMOVE AND RELOCATE EXISTING THERMOSTAT AS INDICATED. SEE SHEET M201 FOR NEW LOCATION.
10. REMOVE AND RELOCATE EXISTING SLOT DIFFUSERS TO NEW CEILING PROVIDED BY OTHERS. SEE SHEET M201 FOR NEW WORK.



MECHANICAL - FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

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REVISIONS:

MECHANICAL - FIRST FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M101

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VAV BOXES SUMMARY (HIGHEST LEVEL - 2nd FLOOR):

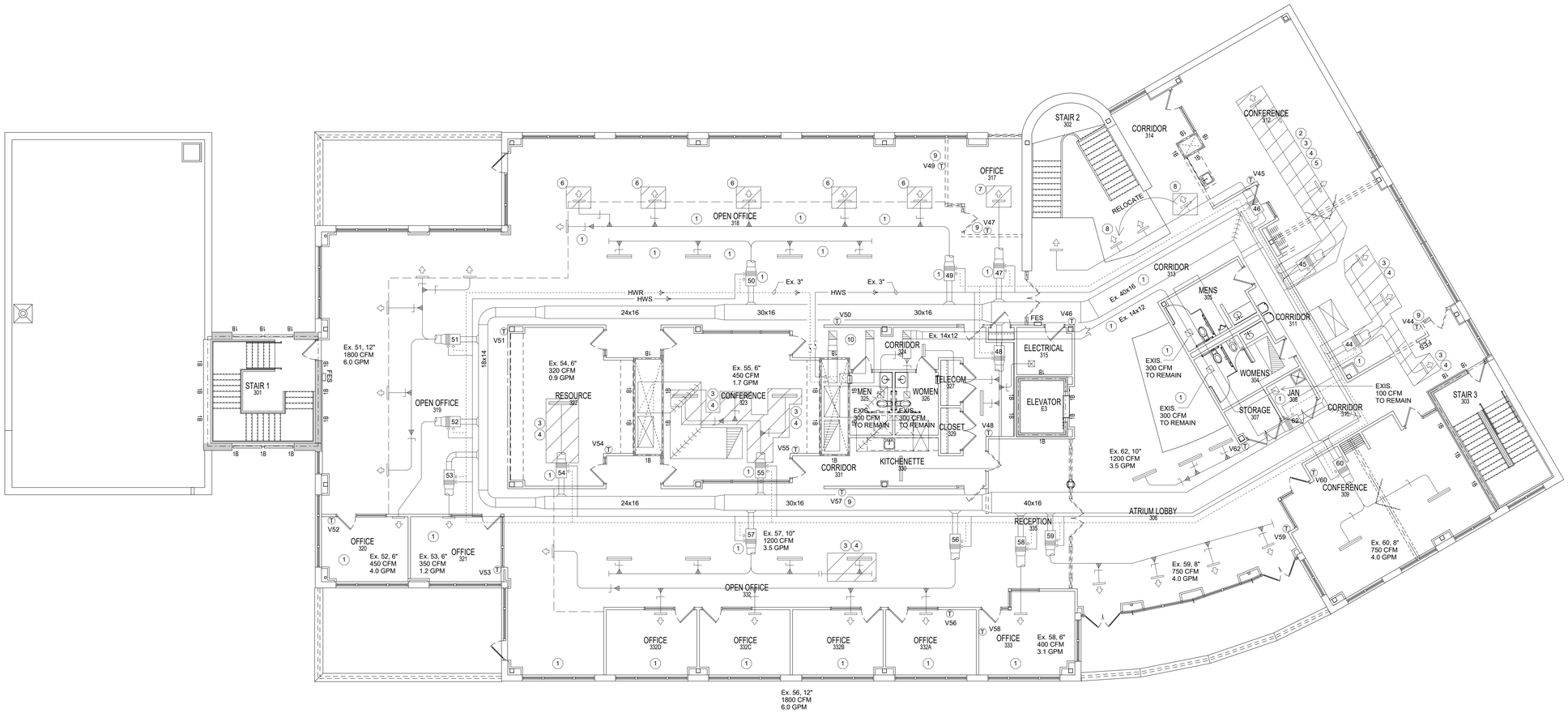
Ex. V44, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 3.3 GPM. BOX E.T.R. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS. RELOCATE THERMOSTAT.
Ex. V45, 8" INLET, MAX. AIRFLOW = 800 CFM, FLOWRATE = 4.0 GPM. SITE CLEAR BOX, CONTROLS, DUCT, DIFFUSERS, SUPPORTS, ETC.
Ex. V46, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 3.5 GPM BOX E.T.R. RELOCATE S.A. REGISTER AS INDICATED.
Ex. V47, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 1.8 GPM. BOX E.T.R. RELOCATE THERMOSTAT AND REGISTER AS INDICATED.
Ex. V48, 6" INLET, MAX. AIRFLOW = 450 CFM, FLOWRATE = 2.0 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V49, 14" INLET, MAX. AIRFLOW = 2250 CFM, FLOWRATE = 8.0 GPM. BOX E.T.R. RELOCATE THERMOSTAT AND S.A. REGISTERS AS INDICATED.

Ex. V50, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 3.5 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V51, 12" INLET, MAX. AIRFLOW = 1800 CFM, FLOWRATE = 6.0 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V52, 6" INLET, MAX. AIRFLOW = 450 CFM, FLOWRATE = 4.0 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V53, 6" INLET, MAX. AIRFLOW = 350 CFM, FLOWRATE = 1.2 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V54, 6" INLET, MAX. AIRFLOW = 320 CFM, FLOWRATE = 0.9 GPM. BOX E.T.R. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.
Ex. V55, 6" INLET, MAX. AIRFLOW = 450 CFM, FLOWRATE = 1.7 GPM. BOX E.T.R. SITE CLEAR DOWNSTREAM DUCT AND DIFFUSERS.

Ex. V56, 12" INLET, MAX. AIRFLOW = 1800 CFM, FLOWRATE = 6.0 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V57, 10" INLET, MAX. AIRFLOW = 1200 CFM, FLOWRATE = 3.5 GPM. E.T.R. MODIFY BRANCH DUCTWORK AND DIFFUSERS AS INDICATED. RELOCATE THERMOSTAT.
Ex. V58, 6" INLET, MAX. AIRFLOW = 400 CFM, FLOWRATE = 3.1 GPM. E.T.R. NO HVAC WORK REQUIRED.
Ex. V59, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 4.0 GPM. E.T.R.. NO HVAC WORK REQUIRED.
Ex. V60, 8" INLET, MAX. AIRFLOW = 750 CFM, FLOWRATE = 4.0 GPM. E.T.R.. NO HVAC WORK REQUIRED.
Ex. V62, 10" INLET, MAX. AIRFLOW = 1200CFM, FLOWRATE = 3.5 GPM. E.T.R.. NO HVAC WORK REQUIRED.

MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. SITE CLEAR EXISTING VAV BOX w/ INTEGRAL HEATING COIL AS INDICATED.
3. SITE CLEAR EXISTING DUCTWORK AND SUPPORTS.
4. SITE CLEAR EXISTING GRILLES, REGISTERS AND DIFFUSERS.
5. SITE CLEAR EXISTING TRANSFER AIR DUCTS, GRILLES AND SUPPORTS.
6. REMOVE EXISTING SIDEWALL S.A. REGISTER. RELOCATE TO NEW OFFICE SPACES 318A THROUGH 318E. (TYP. OF 5). SEE SHEET M202 FOR NEW LOCATION.
7. REMOVE EXISTING SIDEWALL S.A. REGISTER. RELOCATE TO NEW 317 - CONSULT ROOM. SEE SHEET M202 FOR NEW LOCATION.
8. REMOVE AND RELOCATE EXISTING S.A. REGISTER AS INDICATED.
9. REMOVE AND RELOCATE EXISTING THERMOSTAT. SEE SHEET M202 FOR PROPOSED LOCATION.
10. EXISTING EXHAUST FAN ON ROOF ABOVE SHALL REMAIN. (TYP. OF 3)



NORTH

MECHANICAL - SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

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209 south water street, milwaukee, wisconsin 53204 t 414 319 8700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 8
311 canyon rivers dr, buda, tx 78610 t 737 525 09

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

MECHANICAL - SECOND FLOOR DEMOLITION PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M102

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NATURAL GAS GENERAL NOTES:

A. ALL NATURAL GAS PIPING MATERIALS, COMPONENTS, INSTALLATION AND PRESSURE TEST SHALL BE COMPLETED AS PART OF THE HEATING CONTRACT (BY THE HEATING CONTRACTOR) IN ACCORDANCE WITH 2015 - IFGC (INTERNATIONAL FUEL GAS CODE).

B. HEATING CONTRACTOR SHALL FURNISH AND INSTALL NATURAL GAS PIPING CONNECTION TO ALL APPLIANCES. MAKE FINAL CONNECTION WITH FULL SIZE DIRT LEG, UNION, SHUT-OFF VALVEAND GAS PRESSURE REGULATOR WHERE REQUIRED. APPLIANCE INLET PRESSURE SHALL BE = 7" - 9" W.C.. VENT ALL GAS PRESSURE REGULATORS WHEN REQUIRED.

C. HANG AND SUPPORT MATERIALS SHALL BE INSTALLED PER THE LATEST EDITION OF THE ASHRAE HANDBOOK OF FUNDAMENTALS.

D. THE HEATING CONTRACTOR SHALL INCLUDE IN THEIR BID AMOUNT ALL COST FOR NATURAL GAS PIPING FROM THE POINT OF CONNECTION (INSIDE MECHANICAL ROOM) THROUGH FINAL CONNECTION AT EACH NATURAL GAS FIRED APPLIANCE.

E. ALL NATURAL GAS PIPING ROUTED THROUGH CONCEALED LOCATIONS SHALL BE FULLY WELDED INSTALLATION OR 2015 - IFGC APPROVED EQUAL.

F. PROVIDE MANUAL AND AUTOMATIC FUEL SHUT-OFF TO ALL COMMERCIAL COOKING APPLIANCES PER NFPA 96. UPON ACTIVATION OF ANY FIRE EXTINGUISHING SYSTEM FOR A COOKING OPERATION, ALL SOURCES OF FUEL AND ELECTRIC POWER THAT PRODUCE HEAT TO ALL EQUIPMENT REQUIRING PROTECTION BY THAT SYSTEM SHALL AUTOMATICALLY SHUT OFF. SHUTOFF DEVICES SHALL REQUIRE MANUAL RESET.

G. A READILY ACCESSIBLE MEANS FOR MANUAL ACTIVATION SHALL BE LOCATED BETWEEN 42" AND 48" A.F.F., AND BE ACCESSIBLE IN THE EVENT OF A FIRE. MANUAL ACTIVATION DEVICE SHALL ALSO BE LOCATED IN THE PATH OF EGRESS AND CLEARLY IDENTIFY THE HAZARD BEING PROTECTED.

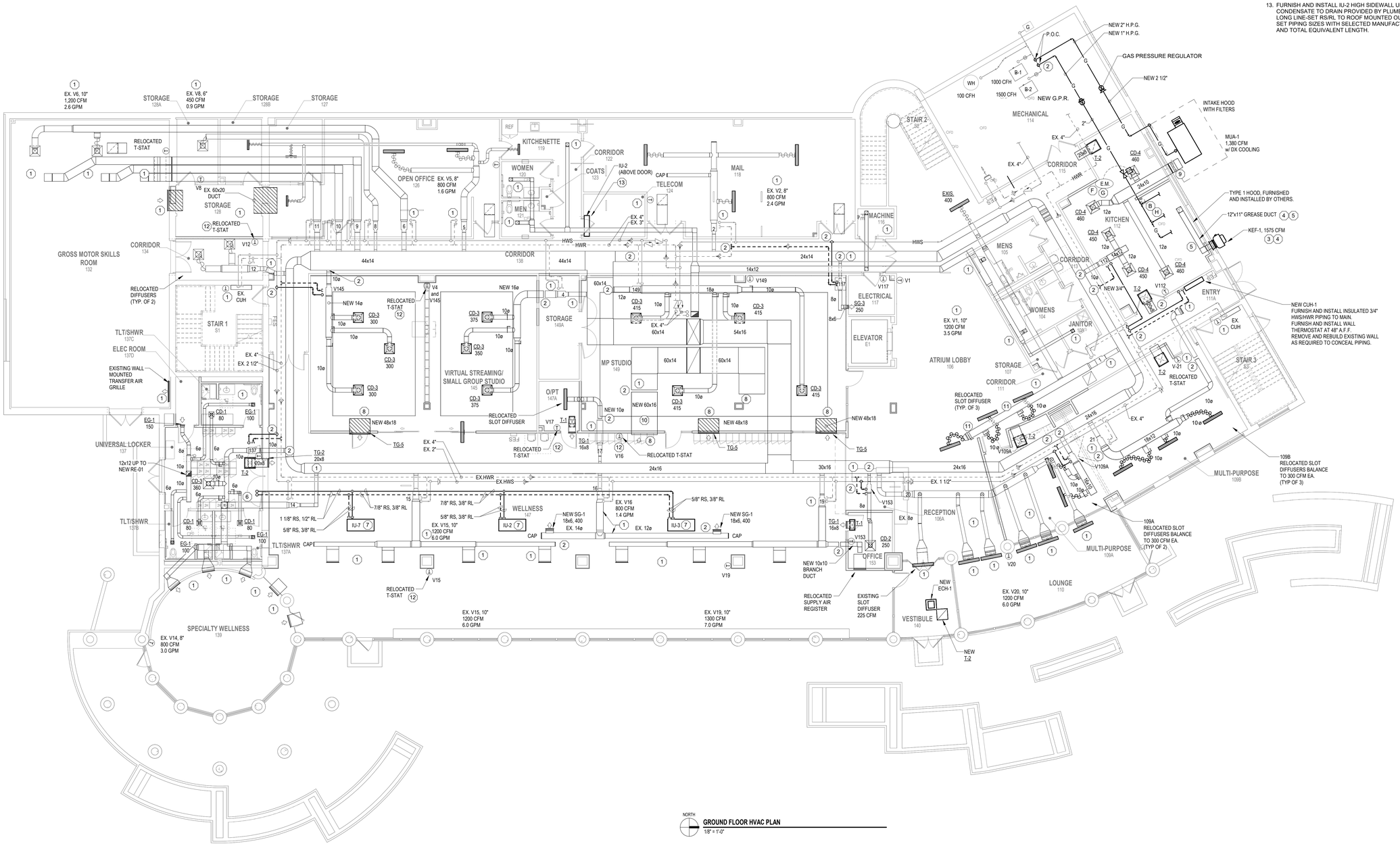
H. ALL COMMERCIAL COOKING APPLIANCES INSTALLED ON CASTERS AND APPLIANCES THAT ARE MOVED FOR CLEANING AND SANITATION PURPOSES SHALL BE CONNECTED TO THE NATURAL GAS PIPING SYSTEM WITH AN APPLIANCE CONNECTOR LISTED AS COMPLYING WITH ANSI, Z21.69 AND 2015 - INTERNATIONAL FUEL GAS CODE, SECTION 411.1.1.

HEATING CONTRACTOR SHALL FURNISH AND INSTALL NATURAL GAS FLEXIBLE GAS CONNECTOR KITS AT ALL MOVABLE COOKING APPLIANCES BURNING NATURAL GAS (TYP. OF 3). DORMONT BLUE HOSE AND ACCESSORIES OR EQUAL.

- CONVECTION OVEN STACK = 100 MBH
- (6) BURNER RANGE w/ OVEN = 215 MBH
- GRIDDLE = 81 MBH

MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. TRANSITION AND CONNECT NEW TO EXISTING.
3. PROVIDE 10'-0" MINIMUM FROM GRADE TO BOTTOM OF SIDEWALL CENTRIFUGAL EXHAUST FAN PER 2015-IMC, SECTION 506.3.13.3. MAINTAIN 36" MINIMUM FROM BUILDING OPENINGS.
4. FURNISH AND INSTALL 12" x 11" LIQUID TIGHT GREASE DUCT FROM TYPE 1 HOOD OUTLET FLANGE THROUGH FINAL CONNECTION AT WALL MOUNTED EXHAUST FAN. INSULATE GREASE DUCT WITH MATERIALS TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES. INSTALL DUCTWORK WITH 2% SLOPE TOWARDS HOOD. FACTORY-BUILT ZERO CLEARANCE GREASE DUCT WITH FIRE-RATED INTEGRAL CHASE THAT IS UL-2221 CLASSIFIED SHALL BE ACCEPTED.
5. HORIZONTAL GREASE DUCT ABOVE CEILING. FURNISH AND INSTALL CLEAN-OUT OPENING WITH FASTENERS PER THE REQUIREMENTS OF INTERNATIONAL MECHANICAL CODE, 2015 EDITION - SECTION 506.3.9.
6. FURNISH AND INSTALL INSULATED PIPE CHASE ENCLOSURE VERTICAL ABOVE EXISTING ROOF. PROVIDE SIDEWALL WEATHER PROOF OPENING FOR NEW RS / RL. VERTICAL PIPE CHASE ENCLOSURE SHALL BE GREATER THAN OR EQUAL TO; THE PATE COMPANY, MODEL CPBA (CUSTOM PIPE BOX ASSEMBLY). ROUTE NEW RS / RL PIPING UP THROUGH EXISTING ROOF INSIDE INSULATED PIPE CHASE ENCLOSURE.
7. HEATING CONTRACTOR SHALL INSTALL PUMPED CONDENSATE TO DRAIN PROVIDED BY PLUMBING CONTRACTOR.
8. ATTACH 1/2" x 1/2" MESH. AND BORDER FRAME ACROSS DUCT OPENING.
9. SUPPORT INSULATED MAKE-UP AIR DUCT FROM BUILDING EXTERIOR. ROUTE VERTICALLY TO AN ELEVATION ABOVE KITCHEN LAY-IN CEILING. ALL DUCTWORK INSTALLED OUTSIDE THE BUILDING ENVELOPE SHALL BE INSULATED TO R12 MINIMUM AND INCLUDE WEATHER PROOF PROTECTIVE COATING OR JACKET.
10. EXTEND EXISTING 60x16 PLENUM R.A. OPENING TO 147- WELLNESS. ATTACH 1/2" x 1/2" MESH. AND BORDER FRAME ACROSS DUCT OPENING.
11. RELOCATE EXISTING SLOT DIFFUSERS INTO EXISTING DRYWALL CEILING AS REQUIRED FOR THE CREATION OF MULTI-PURPOSE ROOM 109A. PATCH, REPAIR AND PAINT DRYWALL AS REQUIRED.
12. RELOCATED EXISTING THERMOSTAT. WALL MOUNT AT 48" A.F.F..
13. FURNISH AND INSTALL IU-2 HIGH SIDEWALL UNIT ABOVE ENTRY DOOR. PUMP CONDENSATE TO DRAIN PROVIDED BY PLUMBING CONTRACTOR. FURNISH AND INSTALL LONG LINE-SET RS/RL TO ROOF MOUNTED OU-2. VERIFY EXACT REFRIGERATION LINE-SET PIPING SIZES WITH SELECTED MANUFACTURER BASED ON EXACT PIPE ROUTING AND TOTAL EQUIVALENT LENGTH.



GROUND FLOOR HVAC PLAN
1/8" = 1'-0"

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GWCHF
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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

MECHANICAL - GROUND FLOOR PLAN

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M200

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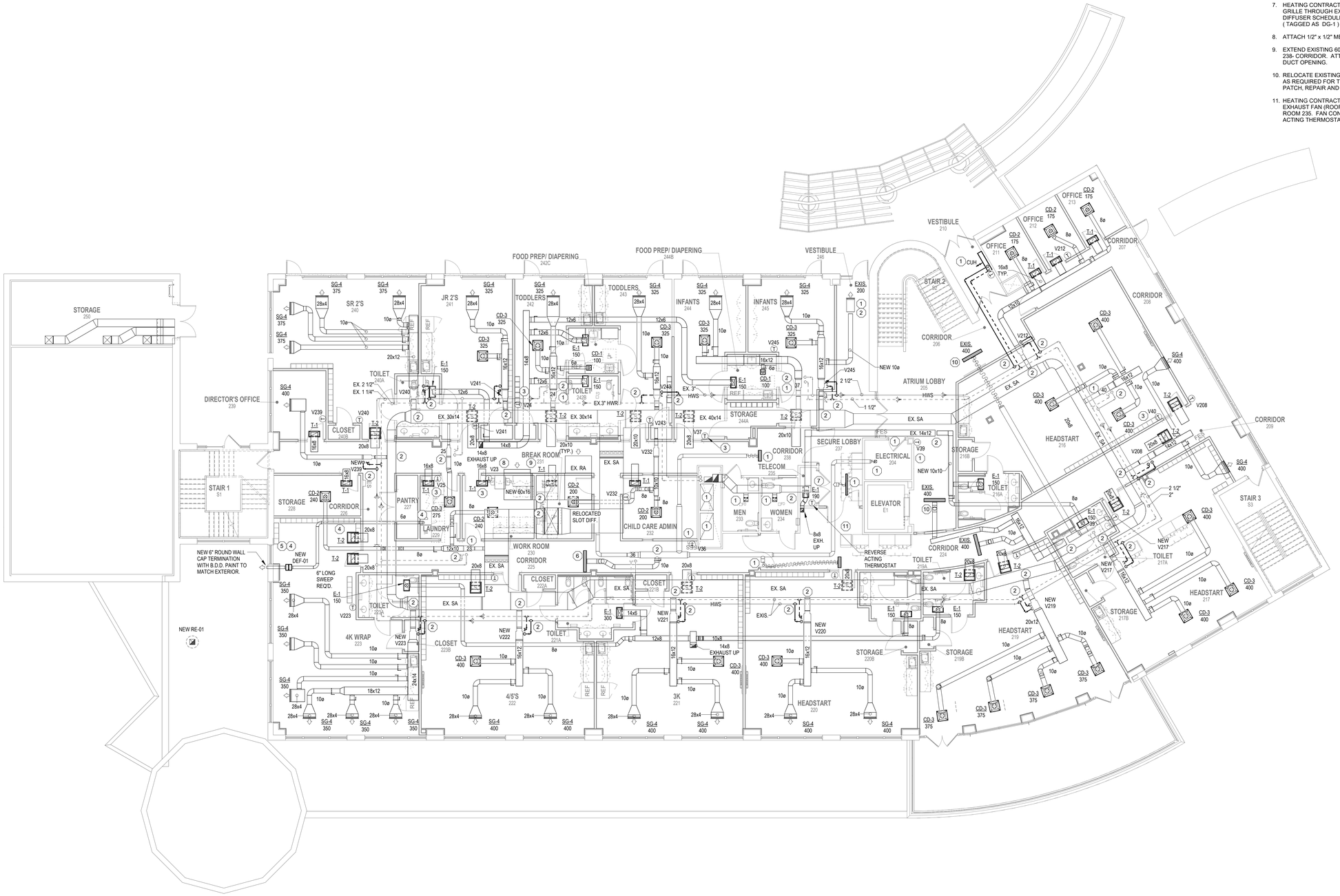
MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. TRANSITION AND CONNECT NEW TO EXISTING.
3. RELOCATED EXISTING THERMOSTAT. WALL MOUNT AT 48" A.F.F..
4. HEATING CONTRACTOR SHALL FURNISH AND INSTALL DOMESTIC CLOTHES DRYER VENTING MATERIALS (AND SIZES) LISTED IN THE MANUFACTURERS INSTALLATION INSTRUCTIONS. INSTALLATION SHALL COMPLY WITH REQUIREMENTS OF IMC, SECTION 504.8 - 2015 EDITION.
5. HEATING CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW UL-705 DRYER EXHAUST FAN AND SECONDARY LINT TRAP MODEL, DBLT 4W ACCESSIBLE INSIDE LAUNDRY ROOM FOR NEW DRYER APPLIANCE.
6. RELOCATE EXISTING SLOT DIFFUSER AS INDICATED.
7. HEATING CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW 12x10 DOOR GRILLE THROUGH EXISTING TELECOM ENTRY DOOR. SEE GRILLE AND DIFFUSER SCHEDULE (TAGGED AS DG-1) ON SHEET M001 FOR ADDITIONAL INFORMATION.
8. ATTACH 1/2" x 1/2" MESH. AND BORDER FRAME ACROSS DUCT OPENING.
9. EXTEND EXISTING 60x16 PLENUM R.A. OPENING TO CEILING CAVITY ABOVE 238- CORRIDOR. ATTACH 1/2" x 1/2" MESH. AND BORDER FRAME ACROSS DUCT OPENING.
10. RELOCATE EXISTING SLOT DIFFUSERS INTO EXISTING DRYWALL CEILING AS REQUIRED FOR THE CREATION OF MULTI-PURPOSE ROOM 109A. PATCH, REPAIR AND PAINT DRYWALL AS REQUIRED.
11. HEATING CONTRACTOR SHALL FURNISH AND INSTALL (1) DEDICATED EXHAUST FAN (ROOF MOUNTED) FOR HEAT REJECTION OF TELECOM ROOM 235. FAN CONTROL SHALL BE THROUGH LINE-VOLTAGE REVERSE ACTING THERMOSTAT WALL MOUNTED INSIDE TELECOM ROOM.



FIRST FLOOR HVAC PLAN
1/8" = 1'-0"

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

MECHANICAL - FIRST FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M201

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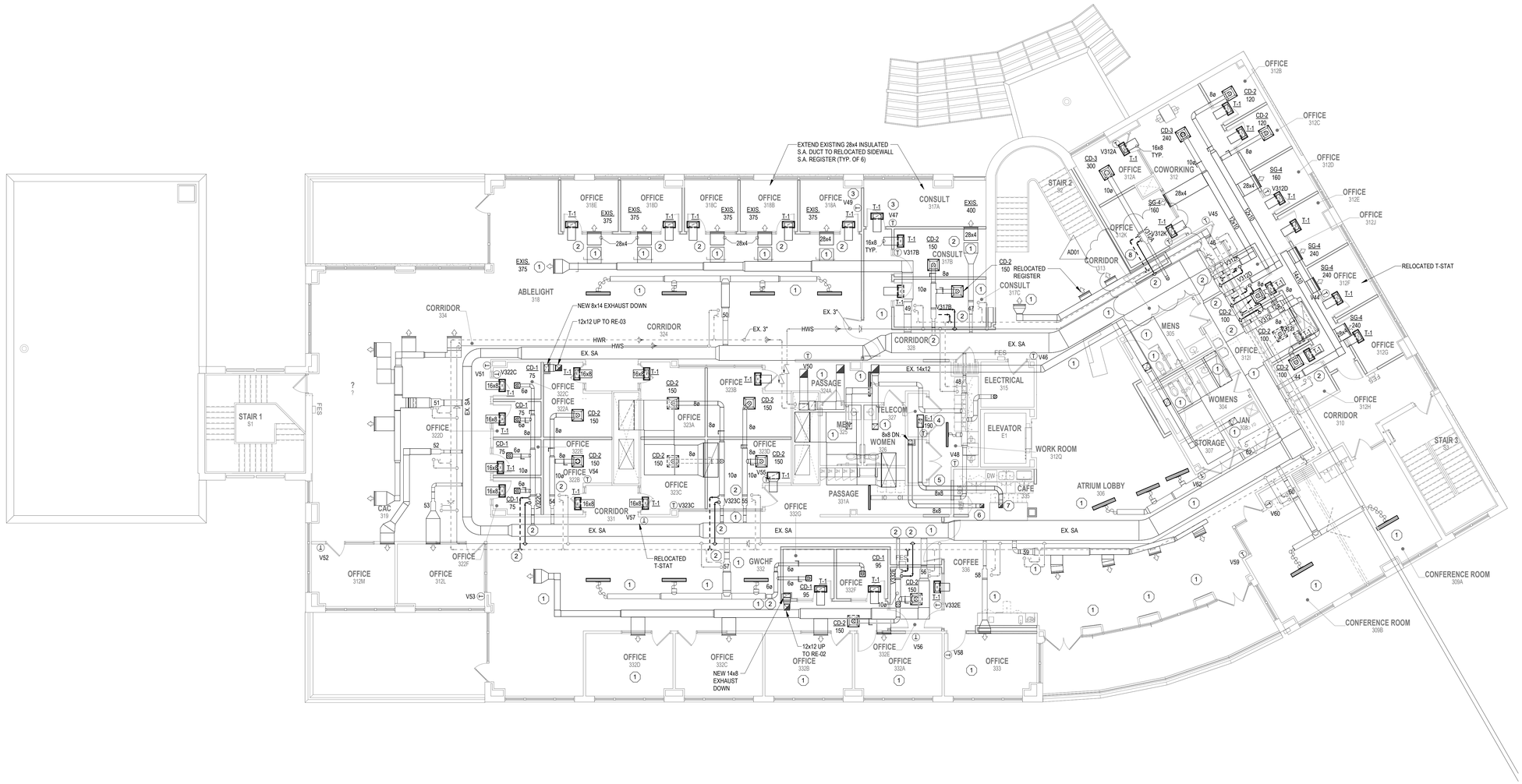
MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. TRANSITION AND CONNECT NEW TO EXISTING.
3. RELOCATED EXISTING THERMOSTAT. WALL MOUNT AT 48" A.F.F..
4. HEATING CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW 12x10 DOOR GRILLE THROUGH EXISTING TELECOM ENTRY DOOR. SEE GRILLE AND DIFFUSER SCHEDULE (TAGGED AS DG-1) ON SHEET M001 FOR ADDITIONAL INFORMATION.
5. HEATING CONTRACTOR SHALL FURNISH AND INSTALL (1) DEDICATED EXHAUST FAN (ROOF MOUNTED) FOR HEAT REJECTION OF TELECOM ROOM 327. FAN CONTROL SHALL BE THROUGH LINE-VOLTAGE REVERSE ACTING THERMOSTAT WALL MOUNTED INSIDE TELECOM ROOM.
6. 8x8 EXHAUST DUCT UP WITH MOTORIZED DAMPER TO RE-04. INSULATE WITH FLEXIBLE DUCT WRAP WITHIN 10'-0" OF ROOF PENETRATION.
7. 8x8 EXHAUST DUCT UP WITH MOTORIZED DAMPER TO RE-05. INSULATE WITH FLEXIBLE DUCT WRAP WITHIN 10'-0" OF ROOF PENETRATION.
8. HEATING CONTRACTOR SHALL REMOVE AND RELOCATED EXISTING 10x10 INSULATED S.A. DUCT, 40x16 INSULATED S.A. DUCT, 2 1/2" HWS MAIN, 1 1/2" HWR MAIN PIPING AS REQUIRED FOR INSTALLATION OF WON-DOOR BY G.C..

AD01



NORTH

SECOND FLOOR HVAC PLAN

1/8" = 1'-0"

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REVISIONS:
AD01 09-06-22

MECHANICAL - SECOND FLOOR PLAN

CONSTRUCTION SET

DATE: 08-19-22
JOB NO. 220040-01
SHEET NO. M202

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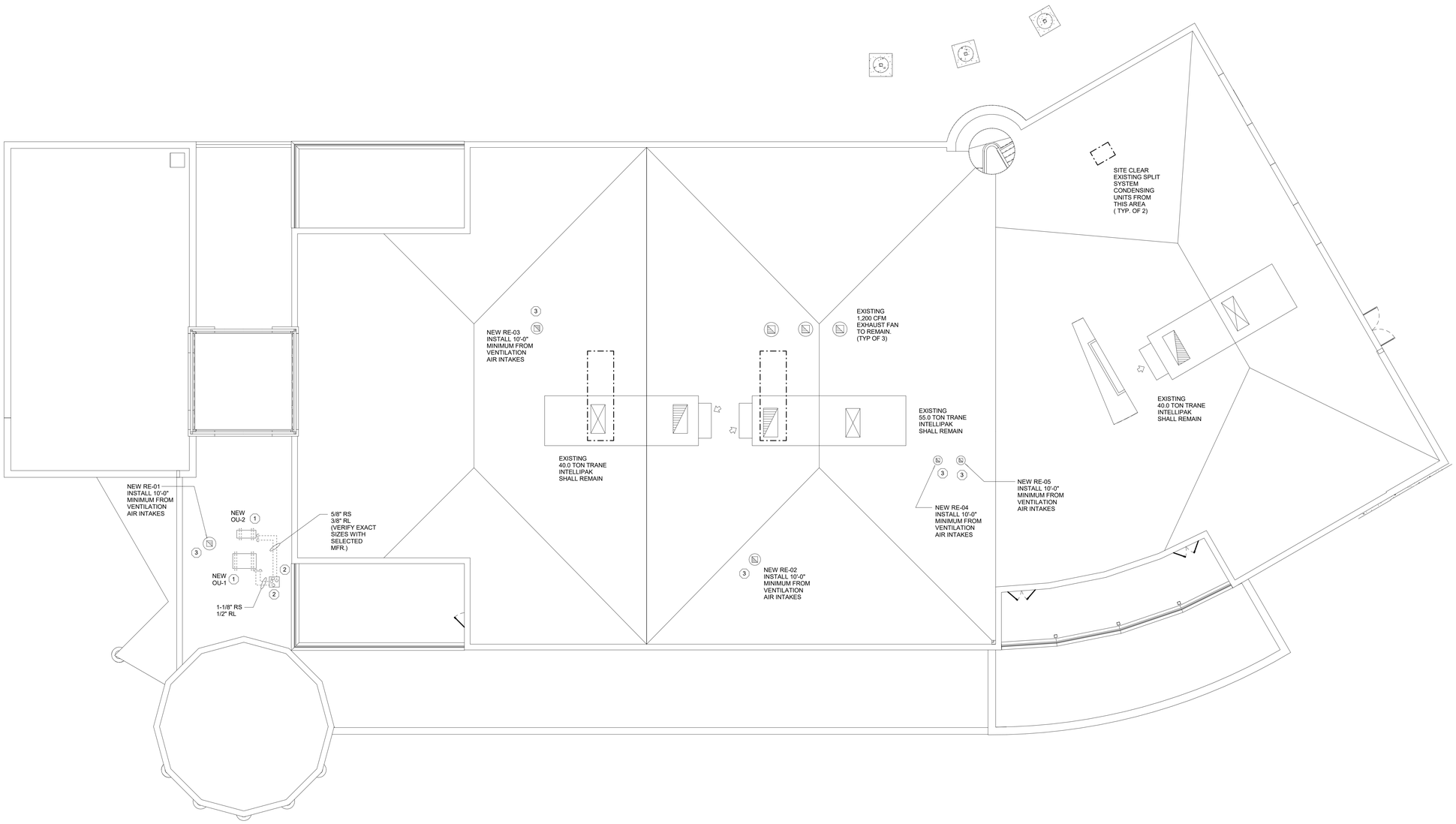
MECHANICAL - PLAN NOTES: (X)

1. FURNISH AND INSTALL AIR COOLED COMPRESSOR CONDENSING UNIT ON EQUIPMENT RAILS EQUAL TO OR GREATER THAN ES-1 EQUIPMENT SUPPORTS, MFR. BY THE PATE COMPANY. ATTACH OU-1 TO EQUIPMENT RAILS.
2. FURNISH AND INSTALL INSULATED PIPE CHASE ENCLOSURE VERTICAL ABOVE ROOF FOR WEATHERPROOF PIPE ROUTE ENTRY OF REFRIGERATION LINE-SET. VERTICAL PIPE CHASE ENCLOSURE SHALL BE GREATER THAN OR EQUAL TO: THE PATE COMPANY, MODEL CPBA (CUSTOM PIPE BOX ASSEMBLY)
3. FURNISH AND INSTALL NEW ROOF EXHAUST FAN LEVEL ON 14" HIGH INSULATED ROOF CURB.



NORTH

MECHANICAL - ROOF PLAN
N.T.S.

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 8881
311 canyon rivers dr, buda, tx 78610 t 737 525 0900

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600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

MECHANICAL - ROOF PLAN

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: M300

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ELECTRICAL SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST.
NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

WIRING DEVICES

- S — SINGLE POLE SWITCH, 3=3 WAY, 4=4 WAY, P=PILOT R=RELAY, K=KEYED, I=ILLUMINATED, D=DIMMER M=MOTION SENSOR SWITCH, T=TOUCH BOLT
- SINGLE RECEPTACLE C=CEILING MOUNTED
- DUPLEX RECEPTACLE C=CEILING MOUNTED
- DUPLEX RECEPTACLE MOUNTED AT 42" TO CENTER
- POWER RECEPTACLE 240V 30=30AMP 60=60AMP R = 50A RANGE OUTLET D = 30A DRYER OUTLET
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
- DUPLEX RECEPTACLE WITH TOP HALF SWITCHED
- IG — ISOLATED GROUND RECEPTACLE
- SP — SURGE PROTECTED RECEPTACLE
- UPS SYSTEM RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE (RECEPTACLES MOUNTED SIDE BY SIDE)
- BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1"C. STUBBED INTO ACCESSIBLE CEILING
- BLANK OUTLET MTD @ 42" FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1"C. STUBBED INTO ACCESSIBLE CEILING
- PLUG STRIP
- DUPLEX RECEPTACLE IN FLOOR, FLUSH MTD A,B,C = TYPE PER SPECIFICATION.
- EQUIPMENT CONNECTION
- SPECIAL OUTLET
- 2 GANG FLUSH FLOOR BOX DOUBLE OUTLET, POWER AND LOW TENSION, SEE SPECIFICATIONS.
- J — J-BOX

LIGHTING

- POLE MOUNTED LIGHT FIXTURE
- CEILING MOUNTED FLUSH OR SURFACE
- WALL MOUNTED, FLUSH OR SURFACE
- LIGHT FIXTURE
- EMERGENCY LIGHT
- RECESSED EMERGENCY LIGHT
- ARL — AREA OF RESCUE ILLUMINATED SIGN
- EXIT LIGHT - ONE FACE
- EXIT LIGHT - ONE FACE WITH EMERGENCY HEADS
- EXIT LIGHT - TWO FACE
- REMOTE EMERGENCY LIGHT
- DUAL TECHNOLOGY OCCUPANCY SENSOR LIGHTING
- U — ULTRASONIC OCCUPANCY SENSOR LIGHTING
- L — LONG THROW OCCUPANCY SENSOR LIGHTING
- HB — HIGH BAY OCCUPANCY SENSOR LIGHTING
- W — WALL MOUNTED MOTION LIGHTING CONTROL
- PC — PHOTOCELL
- C — LIGHTING CONTACTOR

FIRE ALARM

- WALL MOUNTED AUDIO/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- WALL MOUNTED VOICE/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- S — WALL MOUNTED VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- B — WALL MOUNTED BELL
- R — REDUCED db ROOM SOUNDER AUDIO/VISUAL NOTIFICATION APPLIANCE
- F — FIRE ALARM INDICATOR FOR SMOKE DETECTORS
- F — MANUAL PULL STATION
- F — FIRE ALARM STATION WITH LIFT COVER
- WALL MOUNTED FIRE ALARM SPEAKER
- CEILING MOUNTED FIRE ALARM SPEAKER
- S — CEILING MOUNTED VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- CEILING MOUNTED AUDIO/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- CEILING MOUNTED VOICE/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
- FACP — FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- H — HEAT DETECTOR
- S — SMOKE DETECTOR
- DS — DUCT SMOKE DETECTOR
- ES — ELEVATOR SMOKE DETECTOR
- MH — MAGNETIC DOOR HOLDER
- EH — ELECTRIC DOOR HOLDER
- SO — SMOKE DOOR OPERATOR/DETECTOR
- CN — CARBON MONOXIDE DETECTOR
- CM — ADDRESSABLE CONTROL MODULE
- FS — SPRINKLER FLOW SWITCH
- TS — SPRINKLER TAMPER SWITCH
- ADDRESSABLE MONITOR MODULE

SECURITY

- M — SECURITY SYSTEM MOTION DETECTOR
- DC — DOOR CONTACT SWITCH
- K — KEY PAD
- ES — ELECTRIC STRIKE
- CR — CARD READER
- I — DOOR INTERCOM
- DB — DOOR BELL
- ML — MAGNETIC DOOR LOCK

EQUIPMENT

- NEW SURFACE MOUNTED PANEL. SEE PLANS.
- NEW FLUSH MOUNTED PANEL. SEE PLANS.
- EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
- EXISTING FLUSH MOUNTED PANEL. SEE PLANS.
- XXX / XXXX — TYPE / EQUIPMENT LOCATION / DESIGNATION

MOTOR CONTROL

- HEAVY DUTY DISCONNECT F=FUSIBLE PROOF FURNISHED BY E.C.
- NON-COMBINATION STARTER
- COMBINATION STARTER
- MS — MANUAL STARTER
- X — MOTOR OUTLET TERMINAL, ON ROOF MOUNTED UNITS PROVIDE WEATHER PROOF DISCONNECTS. X = HORSE POWER OR MOTOR NUMBER IF SCHEDULE IS PROVIDED.

MISCELLANEOUS

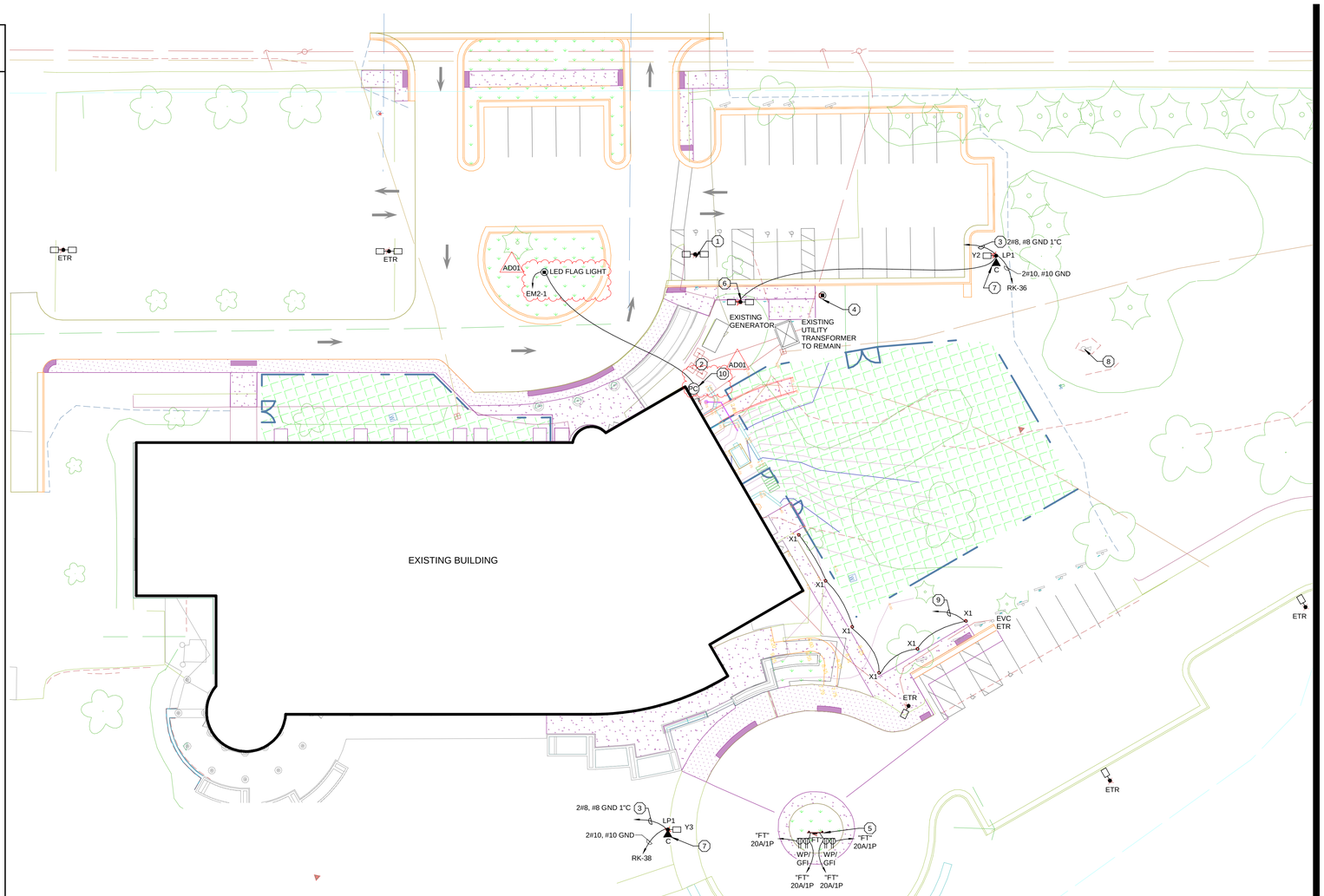
- COND. STUB THROUGH WALL BUSHED EACH END
- CABLE TRAY. INSTALL PER DETAIL
- H — ELECTRIC HAND/HAIR DRYER
- T — WALL MOUNTED THERMOSTAT
- X — REFERS TO NOTE NUMBER
- XXX-XX — REFERS TO DETAIL NUMBER
- XXX / XXXX — REFERS TO DETAIL / SHEET NO. WHERE DETAIL IS LOCATED
- C — DOOR CHIME
- B — BELL WG=WIRE GUARD
- CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.
- INDICATES CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY

COMMUNICATION

- X X — DATA (SHADED) AND VOICE (UNSHADED) OUTLET. SEE DETAILS. X INDICATES NUMBER OF DROPS FOR PHONE AND DATA. PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING. NO "X" INDICATES SINGLE DROP.
- X — TELEPHONE OUTLET ONLY. SEE DETAIL. X INDICATES NUMBER OF PHONE DROPS PER OUTLET. NO X INDICATES 1 DROP. PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING.
- W — WALL TELEPHONE MOUNTED AT 42" AFF. PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING.
- X — DATA OUTLET. SEE DETAIL. X INDICATES NUMBER OF DROPS PER OUTLET. NO X INDICATES 1 DROP. PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING.
- WAP — WIRELESS ACCESS POINT DATA OUTLET MOUNTED IN FACE OF CEILING.
- TV — TELEVISION OUTLET. SEE DETAIL.
- A — AUXILIARY/INPUT SOUND JACK
- M — MICROPHONE OUTLET
- W — FLUSH WALL MOUNTED SPEAKER BOX
- W — SURFACE WALL MOUNTED SPEAKER BOX
- C V X — FLUSH CEILING MOUNTED SPEAKER, V = BUILT IN VOLUME CONTROL
- C — SURFACE CEILING MOUNTED SPEAKER BOX
- COMBINATION CLOCK SPEAKER BAFFLE SEE INSTALLATION DETAIL
- MC — ADMINISTRATION STATION SEE SOUND SYSTEM RISER
- C — WALL MOUNTED PUSH TO CALL BUTTON
- WP H — HORN SPEAKER WP=WEATHER PROOF FLUSH MOUNT AT
- GYM SPEAKER CLUSTER SEE GYM RISER DIAGRAM
- V — VOLUME CONTROL
- ARS — AREA OF RESCUE STATION
- ARM — AREA OF RESCUE MASTER
- ARA — AREA OF RESCUE ASSISTANCE SIGN
- WALL CLOCK WG = WIRE GUARD
- DOUBLE FACED WALL CLOCK WG = WIRE GUARD
- SINGLE PUSH BUTTON
- MULTI PUSH BUTTON STATION
- D — HDMI OUTLET
- V — VGA OUTLET
- A — AUDIO OUTLET
- B — BLUE STROBE LIGHT

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
C	CONDUIT
CCU	COOLING CONDENSER UNIT
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CON	CONTACTOR
CP	CONTROL PANEL
CUH	CABINET UNIT HEATER
DIS	DISCONNECT
DM	DEMARC
DS	DOOR SWITCH
EBB	ELECTRICAL BASE BOARD
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
ELEV	ELEVATION
EM	EMERGENCY
EQ	EQUIPMENT
EOL	END OF LINE RESISTOR
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WALL HEATER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FC	VARIABLE SPEED FAN CONTROL SWITCH
GUH	GAS UNIT HEATER
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GSP	GYM SWITCH PANEL
HF	HEAT FAN
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
INC	INCANDESCENT
JB	JUNCTION BOX
LC	LIGHTING CONTROL
MAU	MAKEUP AIR UNIT
MB	MOTORIZED BACKBOARD
MC	MECHANICAL CONTRACTOR
MDF	MAIN DISTRIBUTION FRAME
MOD	MOTOR OPERATED DAMPER
MTD	MOUNTED
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHD	OVERHEAD DOOR
OC	ON CENTER
PC	PHOTOCELL
PDB	PUNCH DOWN BLOCK
PNL	PANELBOARD
PS	POWER SUPPLY
RCP	RELAY CONTROL PANEL
REF	REFRIGERATOR
RTU	ROOF TOP UNIT
SAP	SECURITY ANNUNCIATOR PANEL
SCP	SECURITY CONTROL PANEL
SJB	SOUND SYSTEM JUNCTION BOX
SPD	SURGE PROTECTED DEVICE
SS	STAINLESS STEEL
SV	SOLENOID VALVE
TC	TELECOMMUNICATION CLOSET
TCP	TEMPERATURE CONTROL PANEL
TGB	TELECOMMUNICATION GROUND BAR MASTER
TJB	TERMINAL JUNCTION BOX
TRN	TRANSFORMER
TRS	TRANSFER SWITCH
TTB	TELEPHONE TERMINAL BOARD
UC	UNDERCOUNTER
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE
W	WELDER
WE	WALL EXHAUST
WG	WIRE GUARD
WH	WATER HEATER
WP	WEATHER PROOF
XP	CLASS 1, DIV. 1 EQUIPMENT



NORTH

SITE PLAN - ELECTRICAL
1" = 20'-0"

GENERAL NOTES:

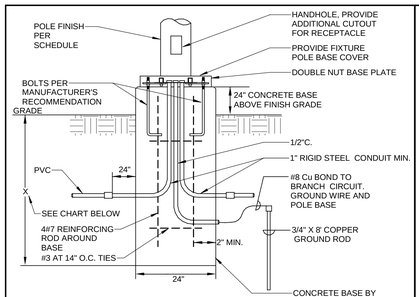
1. INSTALL PULL CORD IN ALL EMPTY CONDUITS.
2. PROVIDE CONCRETE BASE FOR POLES PER DETAIL 1/E000
3. UNLESS SHOWN OTHERWISE, ALL CONDUITS BURIED 2'-6" BELOW FINISHED GRADE.
4. E.C. IS RESPONSIBLE FOR ALL WORK REQUIRED TO BRING SITE EXCAVATION AND TOPPING BACK TO ORIGINAL CONDITION IF TRENCHING IS DONE ON COMPACTED SURFACES.
5. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E500
6. E.C. TO INDICATE EXACT ROUTING OF ALL UNDERGROUND CONDUITS ON RECORD DRAWINGS.
7. (— — —) INDICATES APPROXIMATE UNDERGROUND ROUTING OF CONDUITS. PROVIDE RECORD DRAWINGS INDICATING EXACT ROUTING WITH DIMENSION LINES.
8. PROVIDE BOLLARDS FOR X1 PER DETAIL 2/E000

PLAN NOTES: (X)

1. DISCONNECT AND RELOCATE EXISTING FIXTURE, POLE, AND CIRCUIT. REMOVE EXISTING CONCRETE BASE.
2. AD01 REMOVE EXISITNG UNUSED UTILITY TRANSFORMER.
3. CONNECT TO EXISTING EXTERIOR LG-1 277V LIGHT POLE CIRCUIT. RECONNECT TO MATCH EXISTING. CIRCUIT CONTROLLED BY EXISTING RELAY.
4. FUTURE ELECTRICAL VEHICLE CHARGER LOCATION. PROVIDE 1-1/2" CONDUIT STUB BACK TO PANEL "MDP". CAP CONDUIT FLUSH WITH FINISHED GRADE. PROVIDE PULL STRING. AD01
5. PROVIDE FREESTANDING EQUIPMENT MOUNTING RACK PER DETAIL 7/E500
6. EXISTING RELOCATED POLE AND FIXTURE. PROVIDE NEW CONCRETE BASE. EXTEND EXISTING CIRCUIT TO NEW POLE LOCATION. RECONNECT TO MATCH EXISTING.
7. FURNISH AND INSTALL 1" CONDUIT FOR (4) CAT6 UNDERGROUND RATED CABLES FOR SECURITY CAMERAS. COORDINATE INSTALLATION WITH SECURITY CAMERA VENDER. PROVIDE 120V CIRCUIT CAPPED INSIDE POLE FOR FUTURE USE.
8. DISCONNECT AND REMOVE EXISTING FLAG POLE LIGHT AND WIRE.
9. CONNECT TO EXISTING 277V STEP LIGHTING CIRCUIT LG-2. CIRCUIT CONTROLLED BY EXISTING RELAY. AD01
10. PROVIDE INTERMATIC EK4236S PHOTOCELL MOUNTED TO WEATHERPROOF BOX. MOUNT APPROXIMATLY 10'-0" AFF. AIM PHOTOCELL NORTH.

OCCUPANCY SENSOR SCHEDULE

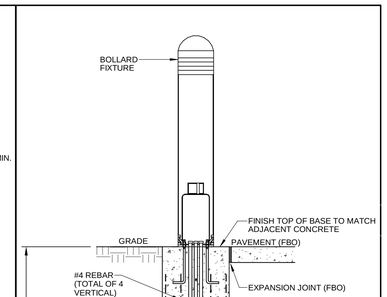
SYMBOL	DESCRIPTION	SENSORSWITCH
L	DUAL TECHNOLOGY OCCUPANCY SENSOR-CORRIDOR	CM-PDT-11
HB	PASSIVE INFRARED HIGH BAY OCCUPANCY SENSOR	CM-6
P	PASSIVE INFRARED OCCUPANCY SENSOR	CM-10
	DUAL TECHNOLOGY OCCUPANCY SENSOR	WV-PDT-16-R-KIT
	DUAL TECHNOLOGY OCCUPANCY SENSOR	CM-PDT-10-R
SM	PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR	WSX-XX



NOTES:
1. IN UNDISTURBED EARTH, EXCLUDING FILL MATERIAL, A 2'-0" DIA. HOLE WHICH SHALL BE USED AS THE FORM FOR THE CONCRETE BASE SHALL BE DRILLED.
2. IN EXCAVATED AREAS OR IN EXISTING SOIL CONTAINING FILL OF OBJECTIONABLE MATERIAL, BACKFILL AROUND CONCRETE BASE WITH COMPACTED GRANULAR BACKFILL A MIN. OF 2'-0" IN ALL DIRECTIONS.

POLE HEIGHT IN FEET	BASE DEPTH IN INCHES BELOW GRADE
10'-0"	X = 60" (INCHES)
17'-0"	X = 60" (INCHES)
20'-0"	X = 60" (INCHES)
25'-0"	X = 72" (INCHES)
30'-0"	X = 72" (INCHES)
35'-0"	X = 72" (INCHES)
40'-0"	X = 96" (INCHES)
45'-0"	X = 96" (INCHES)
50'-0"	X = 108" (INCHES)

1/E000 — 24" EXTERIOR CONCRETE BASE DETAIL
SCALE: NTS



BASE DETAIL-ALUMINUM SHAFT

2/E000 — BOLLARD MOUNTED FIXTURE BASE DETAIL
SCALE: NTS

ELECTRICAL SHEET LIST

Sheet Number	Sheet Name
E000	SITE PLAN - ELECTRICAL
E100	GROUND FLOOR DEMOLITION - ELECTRICAL
E101	FIRST FLOOR DEMOLITION - ELECTRICAL
E102	SECOND FLOOR DEMOLITION - ELECTRICAL
E200L	GROUND FLOOR - LIGHTING
E200P	GROUND FLOOR - POWER
E201L	FIRST FLOOR - LIGHTING
E201P	FIRST FLOOR - POWER
E202L	SECOND FLOOR - LIGHTING
E202P	SECOND FLOOR - POWER
E203	ENLARGED KITCHEN PLAN
E300	FIRE ALARM PLANS
E301	KEYLESS ENTRY & CCTV PLANS
E400	ONE LINE & SCHEDULES
E500	DETAILS
E501	FIXTURE & MOTOR SCHEDULES

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PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414 319 3370
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
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REVISIONS:
AD01 09-06-22

SITE PLAN - ELECTRICAL

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E000

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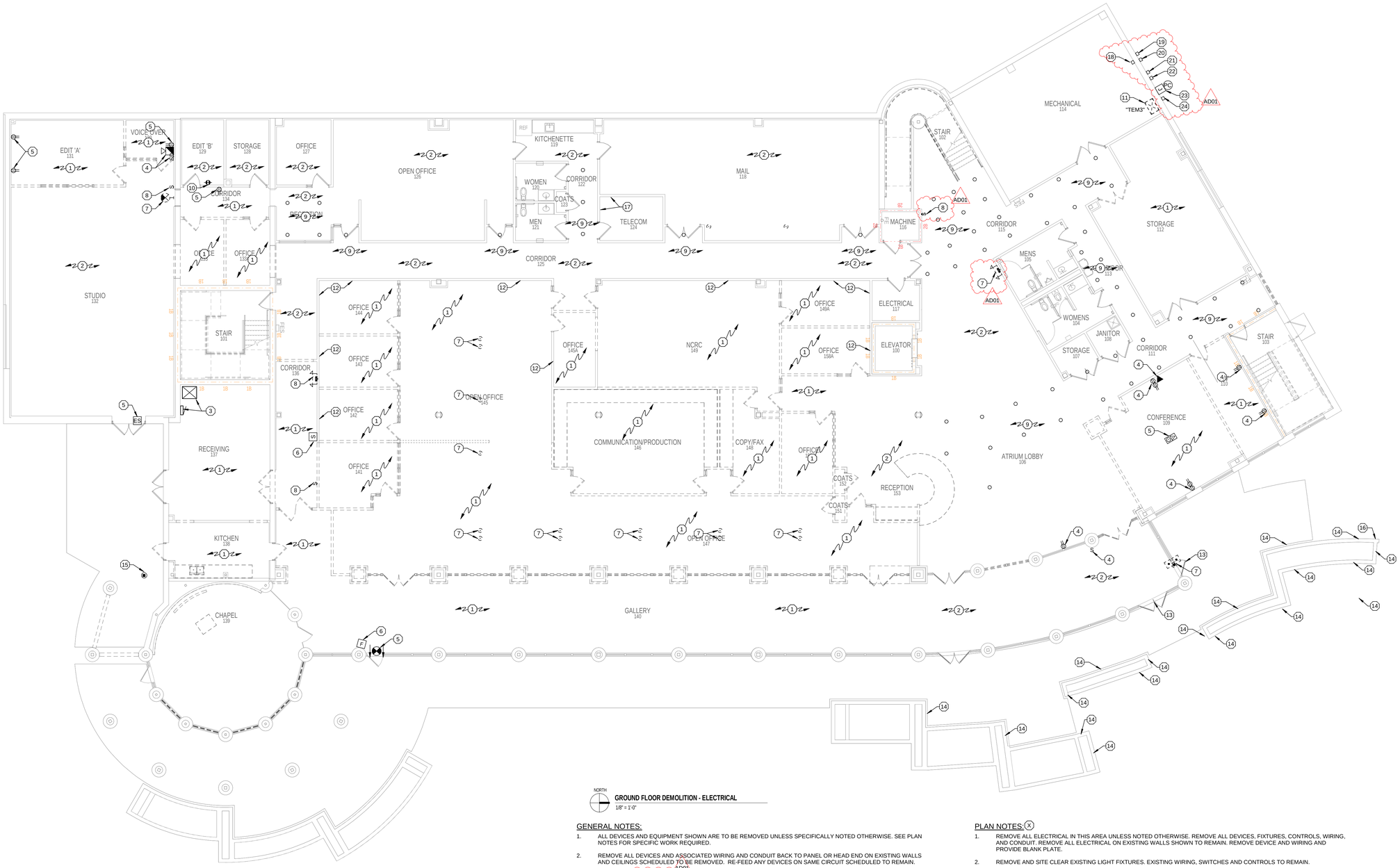

NORTH

GROUND FLOOR DEMOLITION - ELECTRICAL

1/8" = 1'-0"

GENERAL NOTES:

1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN. AD01
3. PROVIDE A BLANK COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
4. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
5. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
6. DISCONNECT EXISTING MOTORS AND HVAC EQUIPMENT AS INDICATED ON THE HVAC DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS.
7. DISCONNECT EXISTING PLUMBING EQUIPMENT AS INDICATED ON THE PLUMBING DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS

PLAN NOTES:(X)

1. REMOVE ALL ELECTRICAL IN THIS AREA UNLESS NOTED OTHERWISE. REMOVE ALL DEVICES, FIXTURES, CONTROLS, WIRING, AND CONDUIT. REMOVE ALL ELECTRICAL ON EXISTING WALLS SHOWN TO REMAIN. REMOVE DEVICE AND WIRING AND PROVIDE BLANK PLATE.
2. REMOVE AND SITE CLEAR EXISTING LIGHT FIXTURES. EXISTING WIRING, SWITCHES AND CONTROLS TO REMAIN.
3. EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
4. REMOVE EXISTING DEVICE AND WIRING. BOX AND CONDUIT TO BE RE-USED. SEE POWER AND LIGHTING PLANS.
5. EXISTING DEVICE AND CIRCUIT TO REMAIN.
6. EXISTING FIRE ALARM DEVICE TO REMAIN.
7. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
8. RELOCATE EXISTING DEVICE AS SHOWN ON POWER AND LIGHTING PLANS.
9. EXISTING CANS SHOWN THIS SPACE ARE EXISTING TO REMAIN.
10. PROVIDE BLANK PLATE FOR REMOVED DIMMER SWITCH AND WIRING.
11. REMOVE EXISTING ELECTRICAL EQUIPMENT. SEE ONE LINE DIAGRAM.
12. G.C. TO REMOVE EXISTING DRYWALL TO ACCOMMODATE NEW FLUSH MOUNTED ELECTRICAL.
13. REMOVE EXISTING CARD READER AND ELECTRIC STRIKES. PROVIDED GASKETED BLANK STAINLESS STEEL COVERS.
14. REMOVE ALL EXISTING LIGHTING FIXTURES ON PLANTERS.
15. DISCONNECT EXISTING DOCK LIFT.
16. REMOVE FOUNTAIN CONTROL PANEL AND ALL WIRING.
17. REMOVE ALL EXISTING ANALOG PHONE SWITCHES, WALL MOUNTED PUNCHDOWN BLOCKS, AND ANALOG PHONE CABLING.
18. REMOVE EXISTING GENERATOR ANNUNCIATOR PANEL.
19. EXISTING SPECTRUM/CHARTER FIBER OPTIC AND CABLE TV TO BE REMOVED, RELOCATED, AND REINSTALLED BY CHARTER. OWNER (ABLE LIGHT) TO COORDINATE WORK DIRECTLY WITH CHARTER.
20. EXISTING GENERATOR FEEDER TO BE REMOVED AND REPLACED. SEE ONE LINE DIAGRAM.
21. EXISTING GENERATOR ANNUNCIATOR PANEL WIRING TO BE REMOVED. EXISTING GENERATOR BATTERY CHARGER WIRING TO BE REMOVED AND REPLACED. SEE ONE LINE DIAGRAM.
22. EXISTING GENERATOR BLOCK HEATER CIRCUIT TO BE REMOVED AND REPLACED. SEE POWER PLAN.
23. EXISTING FLAG POLE LIGHT CIRCUIT AND PHOTOCELL TO BE REMOVED.
24. EXISTING AT&T FIBER OPTIC TO BE REMOVED, RELOCATED, AND REINSTALLED BY AT&T. OWNER (ABLE LIGHT) TO COORDINATE WORK DIRECTLY WITH AT&T.

AD01

209 south water street, milwaukee, wisconsin 53204 t 414 319 3400
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 9
1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
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REVISIONS:
AD01 09-06-22

GROUND FLOOR DEMOLITION - ELECTRICAL

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E100

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NORTH

FIRST FLOOR DEMOLITION - ELECTRICAL
1/8" = 1'-0"

GENERAL NOTES:

1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
3. PROVIDE A BLANK COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
4. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
5. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
6. DISCONNECT EXISTING MOTORS AND HVAC EQUIPMENT AS INDICATED ON THE HVAC DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS.
7. DISCONNECT EXISTING PLUMBING EQUIPMENT AS INDICATED ON THE PLUMBING DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS

PLAN NOTES: (X)

1. REMOVE ALL ELECTRICAL IN THIS AREA UNLESS NOTED OTHERWISE. REMOVE ALL DEVICES, FIXTURES, CONTROLS, WIRING, AND CONDUIT. REMOVE ALL ELECTRICAL ON EXISTING WALLS SHOWN TO REMAIN. REMOVE DEVICE AND WIRING AND PROVIDE BLANK PLATE.
2. REMOVE AND SITE CLEAR EXISTING LIGHT FIXTURES. EXISTING WIRING, SWITCHES AND CONTROLS TO REMAIN.
3. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
4. REMOVE EXISTING DEVICE AND WIRING. BOX AND CONDUIT TO BE RE-USED AND EXISTING DEVICE TO BE REINSTALLED WITH NEW WIRING AND ELECTRICAL CIRCUIT. SEE POWER AND LIGHTING PLANS.
5. REMOVE EXISTING PORTABLE GENERATOR RECEPTACLE AND ALL WIRE AND CONDUIT.
6. REMOVE EXISTING UTILITY TRANSFORMER.
7. EXISTING FIRE ALARM DEVICE TO REMAIN.
8. REMOVE EXISTING ELECTRICAL EQUIPMENT.
9. RELOCATE EXISTING DEVICE AS SHOWN ON POWER AND LIGHTING PLANS.
10. REMOVE EXISTING AV RACK THIS ROOM.
11. NOT USED.
12. REMOVE ALL EXISTING ANALOG PHONE WALL MOUNTED PUNCHDOWN BLOCKS AND ANALOG PHONE CABLING.
13. REMOVE AND REINSTALL (1) CAN FIXTURE FROM THIS DEMO AREA TO GROUND FLOOR LIGHTING.
14. EXISTING DEVICE AND WIRING TO REMAIN.

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FIRST FLOOR DEMOLITION - ELECTRICAL

CONSTRUCTION SET

DATE: 08-19-22
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SHEET NO: E101

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NORTH

SECOND FLOOR DEMOLITION - ELECTRICAL

1/8" = 1'-0"

GENERAL NOTES:

1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
3. PROVIDE A BLANK COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
4. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
5. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
6. DISCONNECT EXISTING MOTORS AND HVAC EQUIPMENT AS INDICATED ON THE HVAC DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS.
7. DISCONNECT EXISTING PLUMBING EQUIPMENT AS INDICATED ON THE PLUMBING DRAWINGS. REMOVE ALL ASSOCIATED WIRING, CONDUIT, AND CIRCUIT BREAKERS

PLAN NOTES: (X)

1. REMOVE ALL ELECTRICAL IN THIS AREA UNLESS NOTED OTHERWISE. REMOVE ALL DEVICES, FIXTURES, CONTROLS, WIRING, AND CONDUIT. REMOVE ALL ELECTRICAL ON EXISTING WALLS SHOWN TO REMAIN. REMOVE DEVICE AND WIRING AND PROVIDE BLANK PLATE.
2. REMOVE AND SITE CLEAR EXISTING LIGHT FIXTURES. EXISTING WIRING, SWITCHES AND CONTROLS TO REMAIN.
3. EXISTING CANS SHOWN THIS SPACE ARE EXISTING TO REMAIN.
4. REMOVE EXISTING DEVICE AND WIRING. BOX AND CONDUIT TO BE RE-USED. SEE POWER AND LIGHTING PLANS.
5. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
6. REMOVE EXISTING FIRE ALARM DEVICE AND PROVIDE NEW IN SAME LOCATION. SEE FIRE ALARM PLAN.
7. REMOVE EXISTING LIGHTING FIXTURE AND PROVIDE NEW IN SAME LOCATION. SEE LIGHTING PLAN.
8. RELOCATE EXISTING DEVICE AS SHOWN ON POWER AND LIGHTING PLANS.
9. REMOVE ALL EXISTING ANALOG PHONE WALL MOUNTED PUNCHDOWN BLOCKS AND ANALOG PHONE CABLING.

AD01

10. REMOVE EXISTING COAX CABLE FOR ROOF TOP SATELLITE DISHES. REMOVE SATELLITE DISHES FROM ROOF.
11. REMOVE AND SITE CLEAR EXISTING LIGHT FIXTURES AND CONTROLS THIS AREA.

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SECOND FLOOR DEMOLITION - ELECTRICAL

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E102

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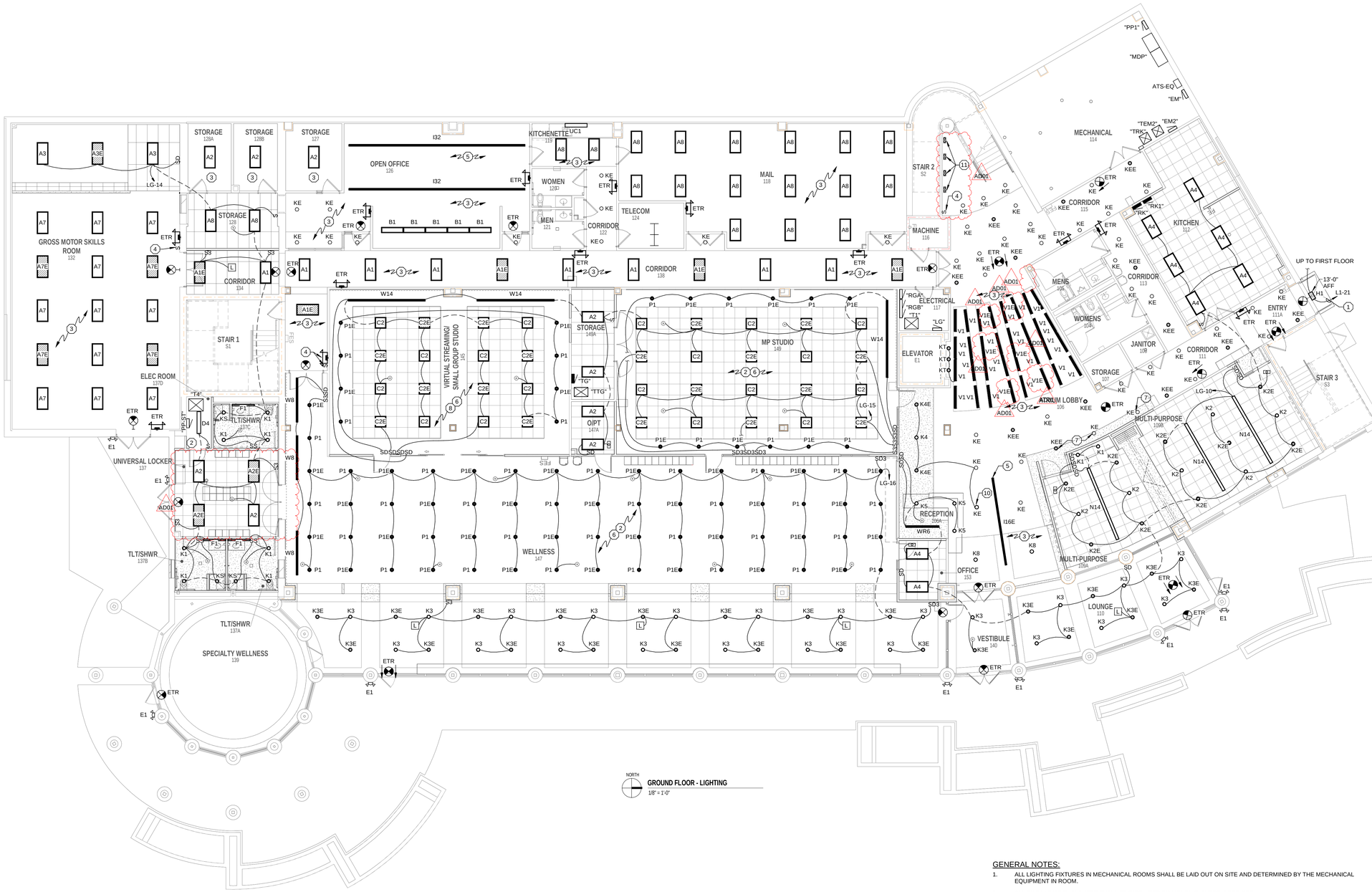

NORTH

GROUND FLOOR - LIGHTING
1/8" = 1'-0"

GENERAL NOTES:

1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LIGHTING IN ROOM PER NEC.
3. SHADED FIXTURE (▨) INDICATES FIXTURE CONNECTED TO EMERGENCY BATTERY PACK ON INVERTER.
4. IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 4/E500
5. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.
6. IN ROOMS WHERE TWO OR MORE LIGHTING MOTION SENSORS ARE SHOWN, ALL SENSORS TO BE ONE ZONE UNLESS NOTED OTHERWISE.
7. WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS PROVIDE NEW CIRCUIT BREAKER.
8. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT. UNLESS NOTED OTHERWISE.

PLAN NOTES: (X)

1. CONNECT TO EXISTING 277V LIGHTING CIRCUIT LG-2. CIRCUIT CONTROLLED BY EXISTING RELAY.
2. MOUNT SUSPENDED FIXTURES THIS AREA 10'-0" AFF TO BOTTOM.
3. RECONNECT NEW FIXTURE TO MATCH EXISTING.
4. EXISTING RELOCATED DEVICE. EXTEND AND RECONNECT TO MATCH EXISTING.
5. MOUNT FIXTURES THIS AREA AT 8'-0" AFF.
6. ALL WIRING THIS ROOM TO BE INSTALLED IN CONDUIT. NO EXPOSED WIRE TO INCLUDE ALL LOW VOLTAGE CABLING.
7. COORDINATE REINSTALLATION OF CAN WITH NEW SOFFIT.
8. MOUNT SUSPENDED FIXTURES THIS AREA 11'-0" AFF TO BOTTOM.
9. MOUNT SUSPENDED FIXTURES THIS AREA 9'-6" AFF TO BOTTOM.
10. INSTALL EXISTING REMOVED FIXTURE FROM FIRST TO THIS LOCATION. CONNECT TO EXISTING CIRCUIT IN AREA TO MATCH EXISTING.
11. PROVIDE REPLACEMENT 12V LED MR16 DIMMABLE LAMPS.

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GROUND FLOOR - LIGHTING

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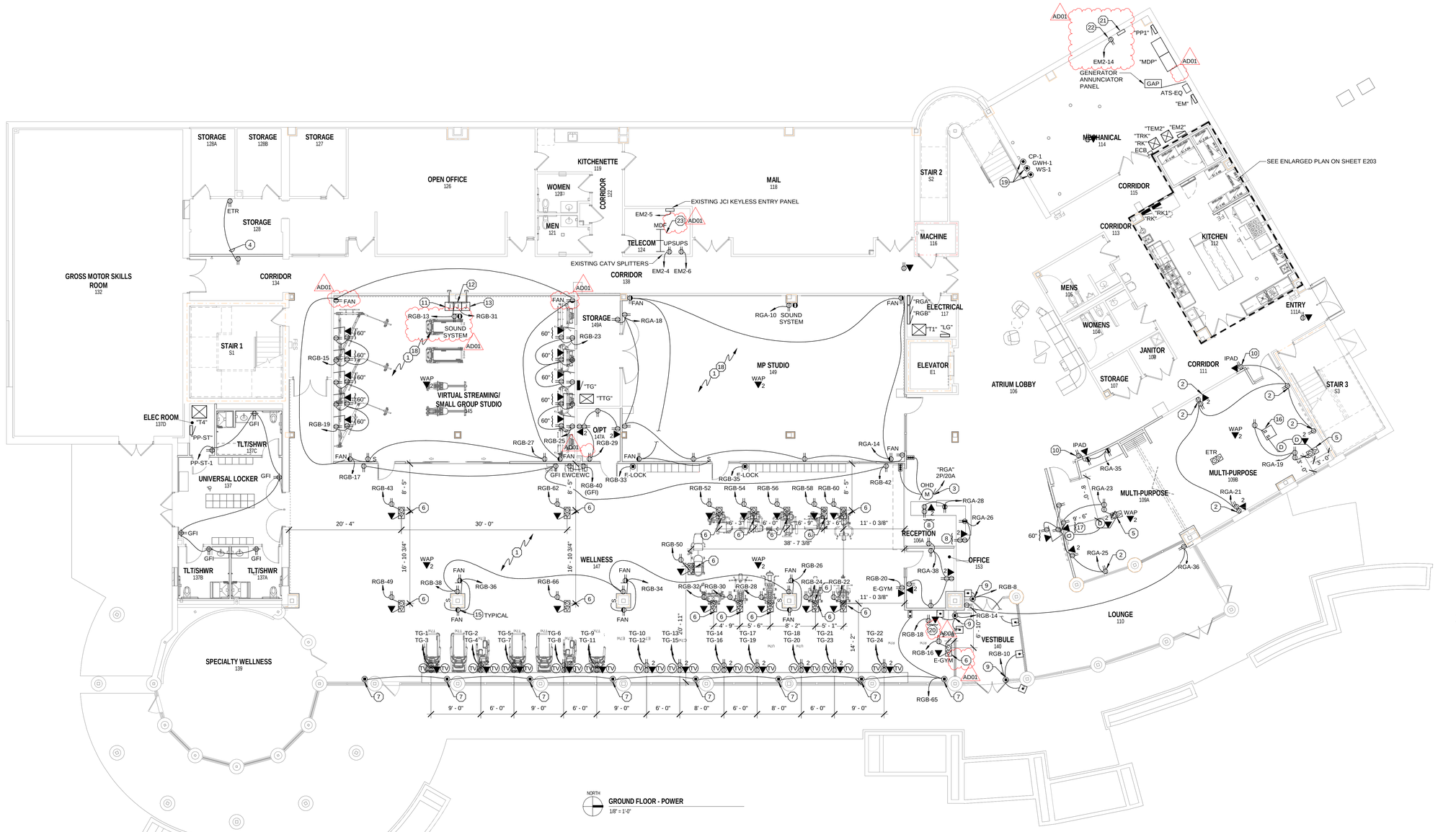
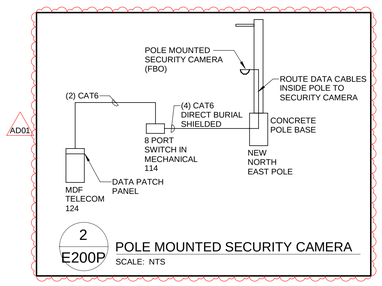


NORTH

GROUND FLOOR - POWER
1/8" = 1'-0"



2 E200P **POLE MOUNTED SECURITY CAMERA**
SCALE: NTS

GENERAL NOTES:

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 3/E500
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E500
3. CONFIRM EXACT LOCATION OF ALL OUTLETS WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT UNLESS NOTED OTHERWISE.
7. SEE HVAC MOTOR STARTER SCHEDULE IN HVAC PLANS FOR STARTERS AND DISCONNECTS BY E.C. MOUNT ALL DISCONNECTS ON NEAREST WALL ADJACENT TO MOTOR OR EQUIPMENT OR AS SHOWN ON HVAC PLANS. PROVIDE FREE STANDING RACK IF WALL SPACE IS NOT AVAILABLE.
8. PROVIDE DATA AND PHONE OUTLETS PER DETAIL 10/E500
9. PROVIDE DATA AND PHONE CABLE RACEWAY INSTALLATION PER DETAIL 6/E500 2/E500
10. PROVIDE DATA CABLING TO ALL WIRELESS ACCESS POINTS (WAPS) PER DETAIL
11. AD01 WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS, PROVIDE NEW CIRCUIT BREAKERS TO MATCH EXISTING.
12. ALL DATA THIS FLOOR TO BE ROUTED TO MDF. ROUTE ALL WAP CABLE TO TELECOM 124. PROVIDE F-CONNECTOR ON END OF CABLE FOR OWNERS USE.
13. COORDINATE ALL RECEPTACLE AND DATA JACK LOCATIONS WITH FINAL FURNITURE LAYOUTS.

PLAN NOTES:

1. ALL WIRING THIS ROOM TO BE INSTALLED IN CONDUIT. NO EXPOSED WIRE TO INCLUDE ALL LOW VOLTAGE CABLING.
2. PROVIDE NEW DEVICE AND WIRING IN EXISTING BOX AND CONDUIT.
3. PROVIDE ELECTRICAL CONNECTION TO OVERHEAD DOOR. E.C. TO MOUNT AND WIRE ALL CONTROLS, SEE DETAIL 5/E500
4. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN ROOM.
5. AD01 PROVIDE TYPE 5 FLOOR BOX. PROVIDE 3/4" CONDUIT FOR POWER, 1" CONDUIT FOR DATA, AND 1" CONDUIT FOR HDMI, SEE SPECIFICATIONS. AD01
6. PROVIDE TYPE 2 FLOOR BOX. PROVIDE 1" CONDUIT FOR POWER, AND 3/4" CONDUIT FOR DATA, SEE SPECIFICATIONS.
7. PROVIDE CONNECTION TO MOTORIZED SHADES. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SHADE SUPPLIER AND ON SITE ARCHITECT PRIOR TO ROUGH-IN. WIRE ALL CONTROLS. VERIFY EXACT LOCATION OF CONTROL SWITCH WITH OWNER. VERIFY SHADE MOTOR CONNECTIONS WITH SHADE SUPPLIER. ALL WIRING TO BE CONCEALED INSIDE WALLS. COORDINATE INSTALLATION WITH SHADE SUPPLIER.
8. FLUSH MOUNT DEVICES IN CASEWORK. ALL DATA AND PHONE CABLE TO BE INSTALLED IN CONDUIT. COORDINATE INSTALLATION WITH CASEWORK SUPPLIER.
9. E.C. TO PROVIDE 120V CONNECTION TO MOTORIZED DOOR OPERATOR. PROVIDE ALL WIRING FROM OPERATOR PUSHBUTTON. PROVIDE ROUGH-IN AS SPECIFIED BY SUPPLIER. MOUNT PUSH BUTTON 40" AFF TO CENTER.
10. MOUNT POWER AND DATA AT 60" AFF FOR IPAD. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.
11. PROVIDE 8"X8"X4" BOX IN JOIST SPACE WITH 1-1/4" CONDUIT STUB TO ABOVE CEILING OF CORRIDOR 138. BOX FOR FUTURE COAXIAL CABLE TO TRUSS SYSTEM.
12. PROVIDE CIRCUIT CAPPED IN JUNCTION BOX LOCATION IN JOIST SPACE FOR POWER TO FUTURE TRUSS SYSTEM.
13. PROVIDE 8"X8"X4" BOX IN JOIST SPACE WITH 1-1/4" CONDUIT STUB TO ABOVE CEILING OF CORRIDOR 138. BOX FOR FUTURE DATA CABLE TO TRUSS SYSTEM.
14. ROUTE ALL COAXIAL CABLE TO TELECOM 124 FOR YMCA USE. COORDINATE INSTALLATION WITH YMCA.
15. ALL FAN RECEPTACLES THIS SHEET TO BE MOUNTED AT 9'-0" AFF.
16. PROVIDE PROJECTOR DEVICES AND WIRING PER DETAIL 8/E500
17. MOUNT DEVICES BEHIND DISPLAY, SEE DETAIL 9/E500
18. ALL DEVICES THIS ROOM TO BE FLUSH MOUNTED IN EXISTING WALLS.
19. DISCONNECT EXISING AND RECONNECT NEW EQUIPMENT TO MATCH EXISTING.
20. MOUNT DEVICES ABOVE ACCESSIBLE CEILING FOR OWNER PROVIDED AND INSTALLED KEYLESS ENTRY SYSTEM.
21. AD01 8 PORT SWITCH BY OTHERS SEE DETAIL 2/E200P
22. MOUNT RECEPTACLE NEXT TO SWITCH.
23. AND SPECTRUM/CHARTER TERMINATED IN MDF. OWNER (ABLE LIGHT) TO COORDINATE WORK DIRECTLY WITH FIBER OPTIC UTILITIES.

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209 south water street, milwaukee, wisconsin 53204 t 414 289 8778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
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REVISIONS:
AD01 09-06-22

GROUND FLOOR - POWER

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E200P

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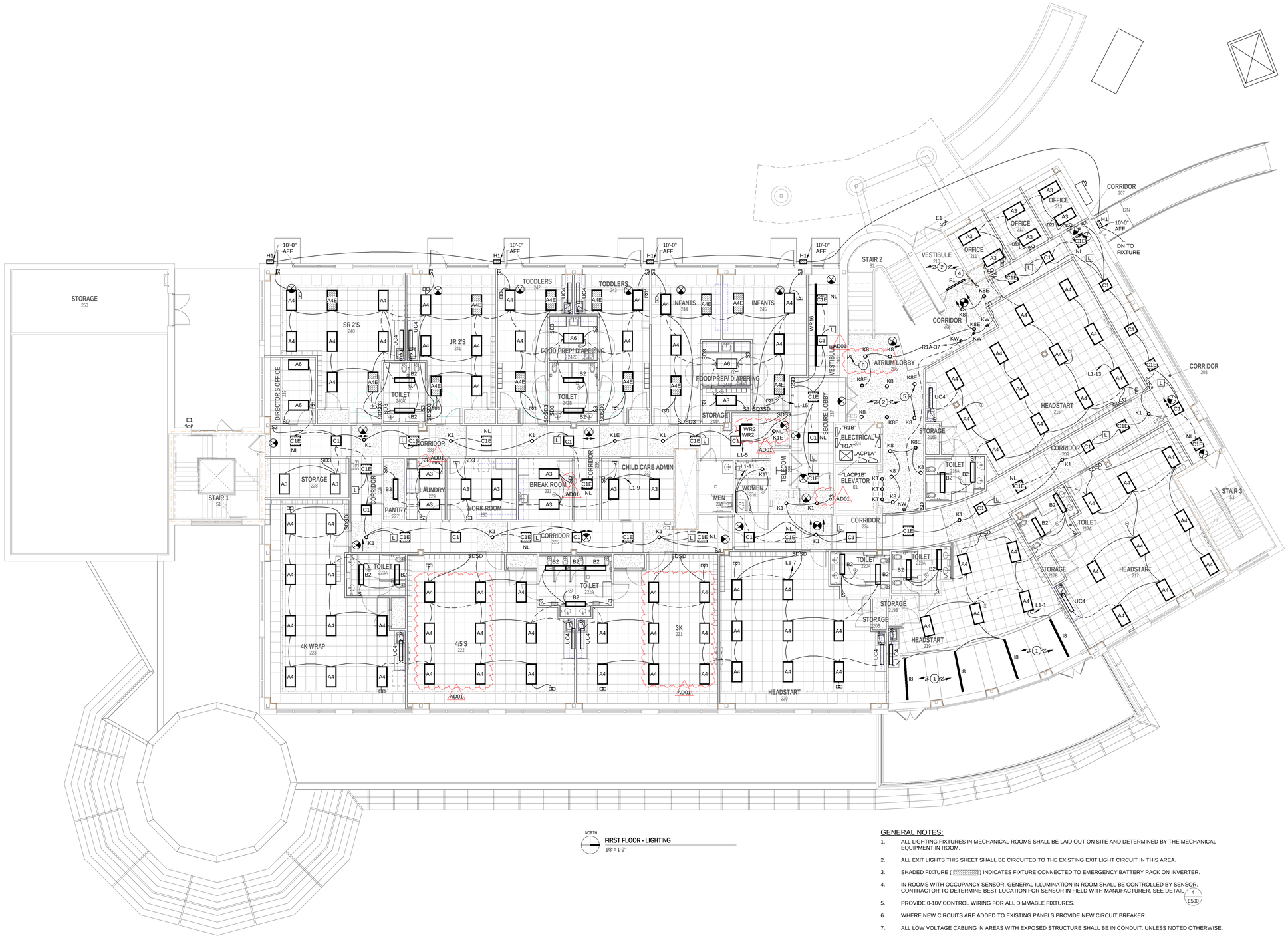

NORTH

FIRST FLOOR - LIGHTING
1/8" = 1'-0"

GENERAL NOTES:

1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO THE EXISTING EXIT LIGHT CIRCUIT IN THIS AREA.
3. SHADED FIXTURE ( ) INDICATES FIXTURE CONNECTED TO EMERGENCY BATTERY PACK ON INVERTER.
4. IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 4/E500
5. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.
6. WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS PROVIDE NEW CIRCUIT BREAKER.
7. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT. UNLESS NOTED OTHERWISE.

PLAN NOTES: (X)

1. MOUNT BOTTOM OF FIXTURES 10'-0" AFF.
2. RECONNECT NEW FIXTURE TO MATCH EXISTING.
3. NOT USED. (AD01)
4. EXISTING RELOCATED DEVICE. EXTEND AND RECONNECT TO MATCH EXISTING.
5. COORDINATE REINSTALLATION OF CAN WITH NEW SOFFIT. (AD01)
6. CUT EXISING RELOCATE SWITCH BOX INTO WALL NEXT TO EXISTING TO REMAIN SWITCH. EXTEND AND RECONNECT TO MATCH EXISTING.

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209 south water street, milwaukee, wisconsin 53204 t 414 289 8778
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FIRST FLOOR - LIGHTING

CONSTRUCTION SET

DATE: 08-19-22
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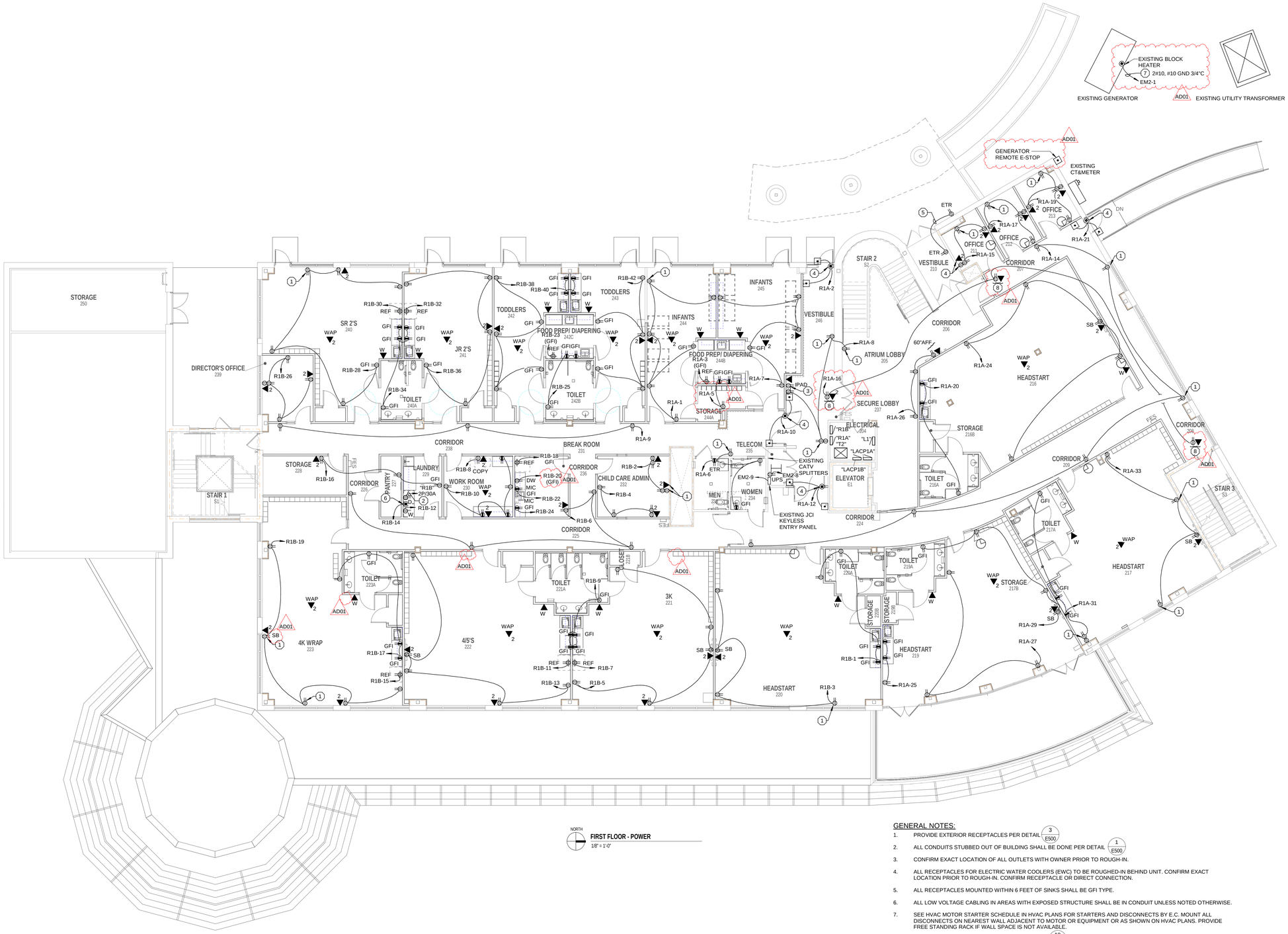

GENERAL NOTES:

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 3/E500
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E500
3. CONFIRM EXACT LOCATION OF ALL OUTLETS WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT UNLESS NOTED OTHERWISE.
7. SEE HVAC MOTOR STARTER SCHEDULE IN HVAC PLANS FOR STARTERS AND DISCONNECTS BY E.C. MOUNT ALL DISCONNECTS ON NEAREST WALL ADJACENT TO MOTOR OR EQUIPMENT OR AS SHOWN ON HVAC PLANS. PROVIDE FREE STANDING RACK IF WALL SPACE IS NOT AVAILABLE.
8. PROVIDE DATA AND PHONE OUTLETS PER DETAIL 10/E500
9. PROVIDE DATA AND PHONE CABLE RACEWAY INSTALLATION PER DETAIL 6/E500 2/E500
10. PROVIDE DATA CABLING TO ALL WIRELESS ACCESS POINTS (WAPS) PER DETAIL
11. WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS, PROVIDE NEW CIRCUIT BREAKERS TO MATCH EXISTING
12. ALL DATA THIS FLOOR TO BE ROUTED TO RACK THIS FLOOR.
13. COORDINATE ALL RECEPTACLE AND DATA JACK LOCATIONS WITH FINAL FURNITURE LAYOUTS.

PLAN NOTES: (X)

1. PROVIDE NEW WIRING IN EXISTING BOX AND CONDUIT. REINSTALL DEVICE WITH NEW WIRING. CIRCUIT AS INDICATED.
2. WIRE WITH 3#10, #10GND IN 3/4"C. PROVIDE NEMA 14-30 DRYER RECEPTACLE.
3. MOUNT POWER AND DATA AT 60" AFF FOR IPAD. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.
4. E.C. TO PROVIDE 120V CONNECTION TO MOTORIZED DOOR OPERATOR. PROVIDE ALL WIRING FROM OPERATOR PUSHBUTTON. PROVIDE ROUGH-IN AS SPECIFIED BY SUPPLIER. MOUNT PUSH BUTTON 40" AFF TO CENTER.
5. RECONNECT EXTERIOR RECEPTACLE TO EXISTING CIRCUIT IN VESTIBULE AS SHOWN.
6. DRYER EXHAUST BOOSTER FAN.
7. PROVIDE NEW CIRCUIT TO EXISTING GENERATOR BLOCK HEATER.
8. MOUNT DEVICES ABOVE ACCESSIBLE CEILING FOR OWNER PROVIDE AND INSTALLED KEYLESS ENTRY SYSTEM.

AD01

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
311 canyon rivers dr, buda, tx 78610 t 737 525 09

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FIRST FLOOR - POWER

CONSTRUCTION SET

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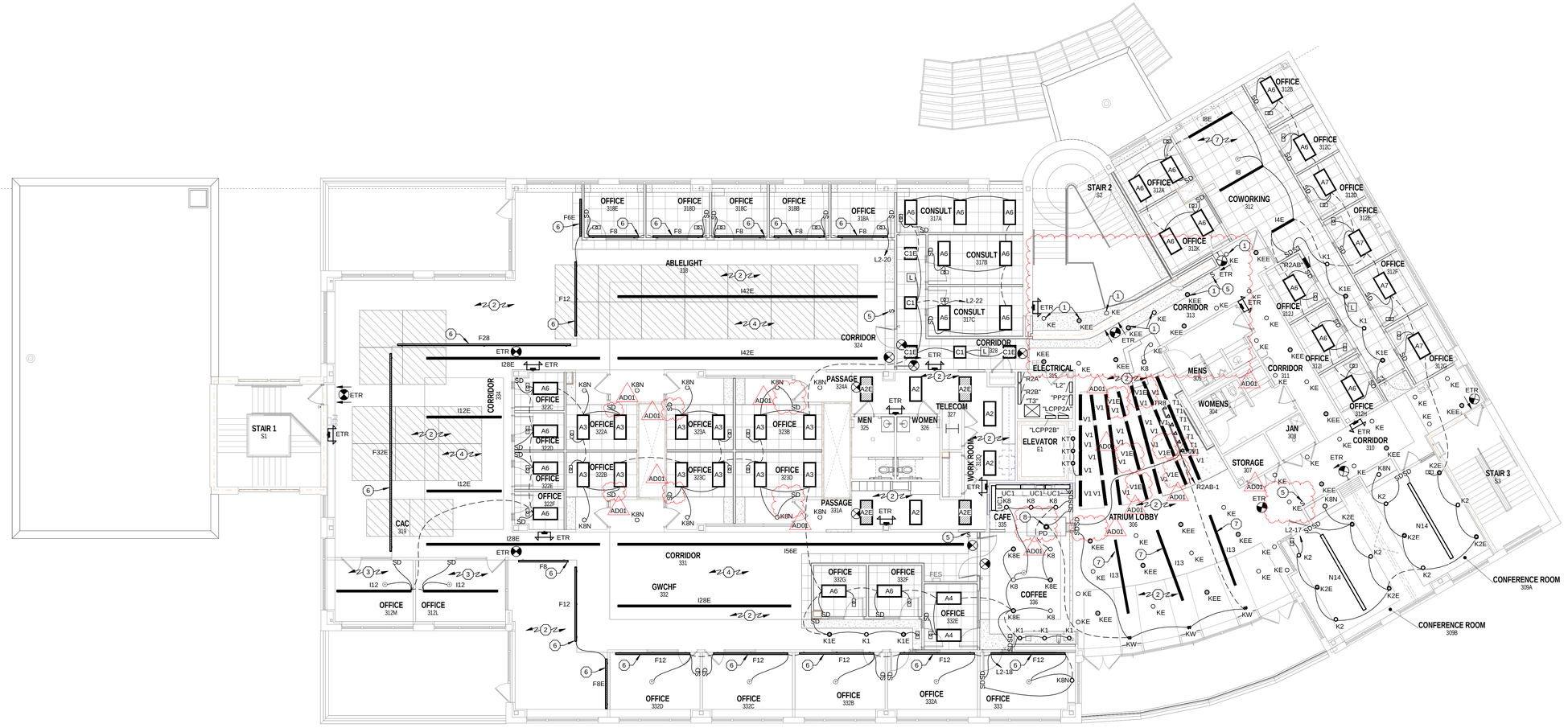

NORTH

SECOND FLOOR - LIGHTING

1/8" = 1'-0"

GENERAL NOTES:

1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO THE EXISTING EXIT LIGHT CIRCUIT IN THIS AREA.
3. SHADED FIXTURE (▨) INDICATES FIXTURE CONNECTED TO EMERGENCY BATTERY PACK ON INVERTER.
4. IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 4/E500
5. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.
6. WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS PROVIDE NEW CIRCUIT BREAKER.
7. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT. UNLESS NOTED OTHERWISE.

PLAN NOTES: (X)

1. COORDINATE REINSTALLATION OF CAN WITH NEW SOFFIT AND FIRE DOOR.
2. RECONNECT NEW FIXTURE TO MATCH EXISTING.
3. MOUNT FIXTURES THIS AREA 10'-0" AFF TO BOTTOM.
4. MOUNT FIXTURES THIS AREA 8'-0" AFF TO BOTTOM.
5. EXISTING RELOCATED DEVICE. EXTEND AND RECONNECT TO MATCH EXISTING.
6. MOUNT FIXTURE AT 10'-6" AFF TO BOTTOM.
7. MOUNT SUSPENDED FIXTURES AT 8'-0" AFF TO BOTTOM.
8. STAGGERED HEIGHTS WITH LOWEST MOUNTED 6'-0" AFF TO BOTTOM.

AD01

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SECOND FLOOR - LIGHTING

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E202

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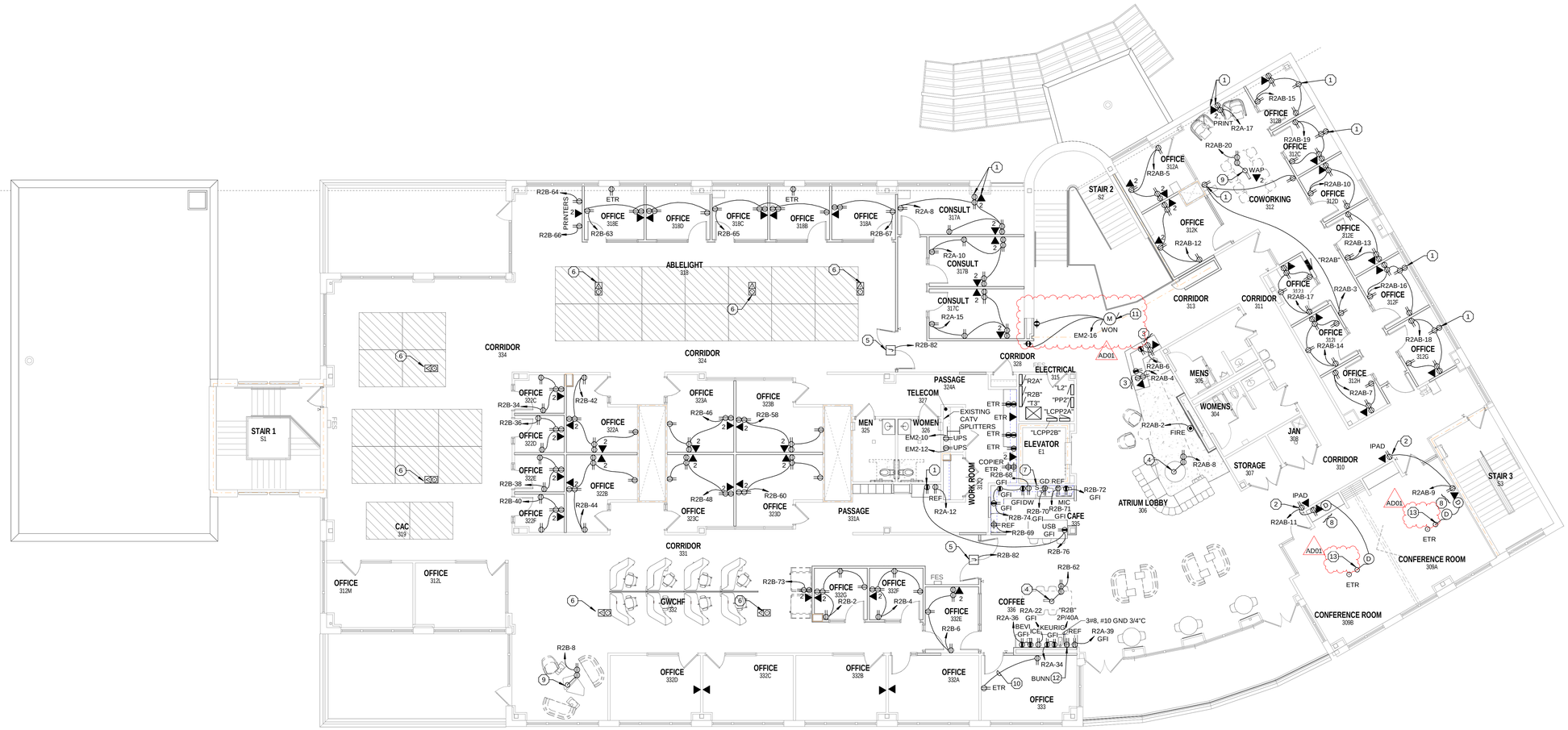

SECOND FLOOR - POWER
1/8" = 1'-0"

GENERAL NOTES:

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 3/E500
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E500
3. CONFIRM EXACT LOCATION OF ALL OUTLETS WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT UNLESS NOTED OTHERWISE.
7. SEE HVAC MOTOR STARTER SCHEDULE IN HVAC PLANS FOR STARTERS AND DISCONNECTS BY E.C. MOUNT ALL DISCONNECTS ON NEAREST WALL ADJACENT TO MOTOR OR EQUIPMENT OR AS SHOWN ON HVAC PLANS. PROVIDE FREE STANDING RACK IF WALL SPACE IS NOT AVAILABLE.
8. PROVIDE DATA AND PHONE OUTLETS PER DETAIL 10/E500
9. PROVIDE DATA AND PHONE CABLE RACEWAY INSTALLATION PER DETAIL 6/E500
10. PROVIDE DATA CABLING TO ALL WIRELESS ACCESS POINTS (WAPS) PER DETAIL 2/E500
11. WHERE NEW CIRCUITS ARE ADDED TO EXISTING PANELS, PROVIDE NEW CIRCUIT BREAKERS TO MATCH EXISTING
12. COORDINATE ALL RECEPTACLE AND DATA JACK LOCATIONS WITH FINAL FURNITURE LAYOUTS.

PLAN NOTES: (X)

1. PROVIDE NEW WIRING IN EXISTING BOX AND CONDUIT. REINSTALL DEVICE WITH NEW WIRING. CIRCUIT AS INDICATED.
2. MOUNT POWER AND DATA AT 60" AFF FOR IPAD. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.
3. FLUSH MOUNT DEVICES IN CASEWORK. ALL DATA AND PHONE CABLE TO BE INSTALLED IN CONDUIT. COORDINATE INSTALLATION WITH CASEWORK SUPPLIER.
4. PROVIDE TYPE 1B POKE THRU FLOOR BOX. PROVIDE 3/4" CONDUIT FOR POWER, SEE SPECIFICATIONS.
5. PROVIDE CIRCUIT FOR ELECTRIC LATCH, SEE DETAIL 6/E301
6. EXISTING FLOOR BOX TO REMAIN. CONNECT NEW FURNITURE PARTITIONS TO EXISTING POWER. PROVIDE NEW DATA CABLING TO SAME NEW FURNITURE PARTITIONS. COORDINATE INSTALLATION WITH FURNITURE SUPPLIER.
7. PROVIDE RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. PROVIDE SWITCH ABOVE COUNTER TO CONTROL GARBAGE DISPOSAL RECEPTACLE. LABEL SWITCH PLATE "GARBAGE DISPOSAL"
8. MOUNT DEVICES BEHIND DISPLAY, SEE DETAIL 9/E500
9. PROVIDE TYPE 1A POKE THRU FLOOR BOX. PROVIDE 3/4" CONDUIT FOR POWER, SEE SPECIFICATIONS.
10. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN ROOM.
11. AD01 ACCORDIAN FOLDING FIRE (WON) DOOR. MOUNT AND WIRE KEY SWITCHES AND MOTOR. VERIFY FLUSH MOUNTED ROUGH-IN AND LOCATION WITH SUPPLIER. VERIFY EXACT MOTOR SIZE WITH EQUIPMENT SELECTED. SEE FIRE ALARM PLANS FOR ADDITIONAL REQUIREMENTS
12. AD01 PROVIDE NEMA L14-50 RECEPTACLE MOUNTED ABOVE COUNTER FOR BUNN COFFEE MAKER. PROVIDE 8-4 SO CORD WITH L14-50 PLUG ON COFFEE MAKER.
13. MOUNT HDMI JACK IN EXISTING FLOOR BOX.

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SECOND FLOOR - POWER

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E202D

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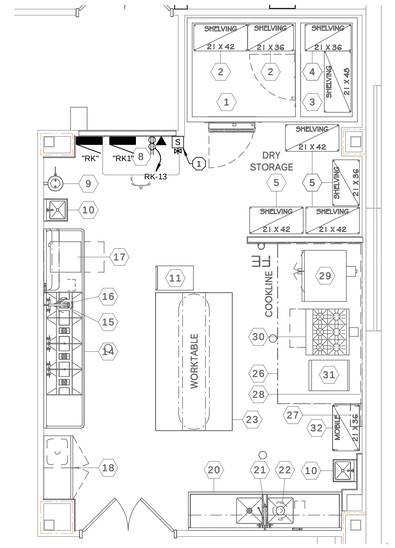
KITCHEN ELECTRICAL ROUGH-INS

ITEM	DESCRIPTION	QUANTITY	VOLT	PHASE	KW	AMP	HP	CONNECTION TYPE	NEMA	COMMENTS	PANEL	BREAKER	WIRE	CONDUIT	NOTE
1	WALK-IN COOLER	1													
	A) BOX	1	115	1		2.0		DIR.		EC TO CONNECT LIGHT SWITCH ASSEMBLY AND ONE LED LIGHT.	RK	20A/1P	2#12, #12 GND	1/2"	
	B) COIL	1	115	1		1.3		DIR.		EC TO WIRE FROM J-BOX TO COIL CONNECTION POINT.	RK	20A/1P	2#12, #12 GND	1/2"	
	C) CONDENSING UNIT	1	208	3		7.0	0.7	DIR.		EC TO WIRE FIVE 18 GA. 24V. WIRES FROM CONDENSING UNIT, TO THE EVAPORATOR COIL; AND FOUR 18 GA. 24V. WIRES FROM THE EVAPORATOR TO THE CONTROLLER BOX MOUNTED ON THE WALK-IN WALL. DO NOT WIRE IN CONDUIT WITH OTHER POWER SUPPLY. (25"L X 31"W X 28"H WEIGHT = 183LBS)	RK	20A/3P	3#12, #12 GND	1/2"	PROVIDE LOCAL WEATHERPROOF DISCONNECT SWITCH
	D) ALARM	1	115	1		2.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT.	RK	20A/1P	2#12, #12 GND	1/2"	
	E) UTILITY OUTLET	1	115	1		16.0		DIR.		EC TO FURNISH AND INSTALL A D.O. MOUNTED ON THE WALL BEHIND THE COIL. RECEPTACLE TO BE GFI STYLE IN A WEATHER-PROOF OUTDOOR ENCLOSURE.	RK	20A/1P	2#12, #12 GND	1/2"	PROVIDE GFCI RECEPTACLES
	F) AIR CURTAIN	1	115	1	0.32	3.4	0.2	DIR.			RK	20A/1P	2#12, #12 GND	1/2"	
3	WALK-IN FREEZER	1													
	A) BOX	1	115	1		2.0		DIR.		EC TO CONNECT LIGHT SWITCH ASSEMBLY AND ONE LED LIGHT.	RK	20A/1P	2#12, #12 GND	1/2"	
	B) COIL	1	208	1		5.8		DIR.		EC TO WIRE FROM ROUGH-IN TO COIL CONNECTION POINT. EC TO CONNECT THE DRAIN LINE HEAT TAPE. TAPE IS FURNISHED AND INSTALLED BY THE FEC.	RK	20A/2P	2#12, #12 GND	1/2"	
	C) CONDENSING UNIT	1	208	3		9.2	1.0	DIR.		EC TO WIRE FIVE 18 GA. 24V. WIRES FROM CONDENSING UNIT, TO THE EVAPORATOR COIL; AND FOUR 18 GA. 24V. WIRES FROM THE EVAPORATOR TO THE CONTROLLER BOX MOUNTED ON THE WALK-IN WALL. DO NOT WIRE IN CONDUIT WITH OTHER POWER SUPPLY. (25"L X 31"W X 28"H WEIGHT = 205 LBS)	RK	20A/3P	3#12, #12 GND	1/2"	PROVIDE LOCAL WEATHERPROOF DISCONNECT SWITCH
	D) ALARM	1	115	1		2.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT.	RK	20A/1P	2#12, #12 GND	1/2"	
	E) UTILITY OUTLET	1	115	1		16.0		DIR.		EC TO FURNISH AND INSTALL A D.O. MOUNTED ON THE WALL BEHIND THE COIL. RECEPTACLE TO BE GFI STYLE MOUNTED IN A WEATHER-PROOF OUTDOOR ENCLOSURE.	RK	20A/1P	2#12, #12 GND	1/2"	PROVIDE GFCI RECEPTACLES
8	DESK	1	115	1		16.0				EC TO FURNISH AND INSTALL ONE D.O. ON WALL AS SHOWN ON ROUGH-IN.					SEE FLOOR PLAN
	A) COMMUNICATION LINES	1								EC TO PROVIDE CONDUIT AND RECEPTACLES FOR COMMUNICATION LINES. VERIFY REQUIREMENTS / ROUTING WITH OWNER.					SEE FLOOR PLAN
10	HAND SINKS	2								HYDRO-GENERATING FAUCET. MOUNT TRANSFORMER BETWEEN WATER SUPPLY LINES.					
16	DISPOSER	1	208	3		5.0	2.0	DIR.		EC TO CONNECT DISPOSER, SOLENOID AND CONTROL PANEL/SWITCH.	RK	20A/3P	3#12, #12 GND	1/2"	
17	UNDERCOUNTER DISHWASHER	1	208	3		23.9		DIR.			RK	30A/3P	3#10, #10 GND	3/4"	
20	PREPARATION TABLE	1	115	1		2 @ 16.0		DIR.		EC TO FURNISH AND INSTALL TWO G.F.I. D.O. ON WALL AS SHOWN ON ROUGH-IN.	RK	(2) 20A/1P	(2) 2#12, #12 GND	(2) 1/2"	PROVIDE GFCI RECEPTACLES
22	DISPOSER	1	208	3		5.0	2.0	DIR.		EC TO CONNECT DISPOSER, SOLENOID AND CONTROL PANEL/SWITCH.	RK	20A/3P	3#12, #12 GND	1/2"	
23	WORKTABLE	1	115	1		4 @ 16.0		DIR.		EC TO WIRE FROM ROUGH-IN TO FOUR OUTLETS MOUNTED ON TABLE BY THE FABRICATOR.	RK	(4) 20A/1P	(4) 2#12, #12 GND	(4) 1/2"	PROVIDE GFCI RECEPTACLES
26	EXHAUST HOOD	1	115	1		16.0		DIR.		POWER INDICATED IS FOR THE CAPTURE JET FAN AND HOOD LIGHTS ONLY. THE EXHAUST FAN ELECTRICAL IS DETERMINED BY OTHERS. LIGHT SWITCH IS PROVIDED BY EC. EC TO WIRE SWITCH IN FACTORY PROVIDED RECESSED J-BOX LOCATED ON THE FRONT OF THE HOOD.	RK	20A/1P	2#12, #12 GND	1/2"	SEE MOTOR STARTER SCHEDULE, SEE DETAIL 1/E203
27	FIRE SUPPRESSION SYSTEM	1	115	1		16.0		DIR.		REQUIRES A DEDICATED 24 HOUR CIRCUIT. EC TO INTERCONNECT SHUNT TRIP BREAKERS FOR ITEMS #29, 30 AND 31.	RK	20A/1P	2#12, #12 GND	1/2"	SEE DETAIL 1/E203
29	CONVECTION OVEN STACK	1	115	1		2 @ 7.7		CORDS		EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	RK1	(2) 20A/1P GFCI	(2) 2#12, #12 GND	(2) 1/2"	PROVIDE GFCI CIRCUIT BREAKER
30	RANGE WITH CONVECTION OVEN	1	115	1		4.0		CORD	5-15P	EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	RK1	20A/1P GFCI	2#12, #12 GND	1/2"	PROVIDE GFCI CIRCUIT BREAKER
31	GRIDDLE	1	115	1		1.0		CORD	5-15P	EC TO FURNISH AND INSTALL SHUNT TRIP BREAKER INTERWIRED TO ITEM #27.	RK1	20A/1P GFCI	2#12, #12 GND	1/2"	PROVIDE GFCI CIRCUIT BREAKER



NORTH

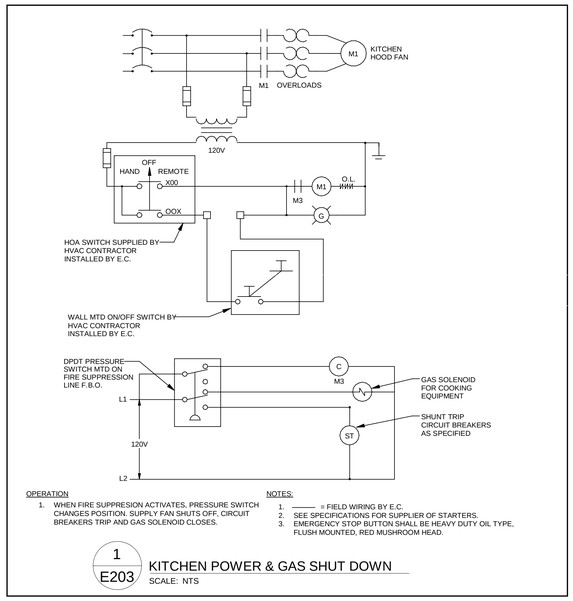
ENLARGED KITCHEN PLAN
1/4" = 1'-0"

GENERAL NOTES:

1. VERIFY ALL PLUG AND RECEPTACLE TYPES WITH KITCHEN SUPPLIER AND FOOD SERVICE CONTRACTOR PRIOR TO ROUGH-IN.
2. VERIFY EXACT MOUNTING HEIGHTS OF ALL RECEPTACLES AND EQUIPMENT CONNECTIONS WITH FOOD SERVICE DRAWINGS PRIOR TO ROUGH-IN.
3. SEE FOOD SERVICE KITCHEN EQUIPMENT DRAWINGS FOR ADDITIONAL ELECTRICAL INFORMATION AND REQUIREMENTS FOR ITEMS SHOWN WITH (X).
4. ALL CONNECTIONS TO DISPOSERS, BOOSTER HEATERS, AND DISHWASHERS TO BE SEAL TIGHT WITH WATER TIGHT CONNECTIONS. E.C. TO PROVIDE 4X STAINLESS STEEL WASH DOWN RATED DISCONNECT SWITCHES.
5. ALL WIRING TO BE #12 UNLESS SHOWN OTHERWISE. ALL WIRING FOR KITCHEN EQUIPMENT TO BE COPPER.
6. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING,CORDS, BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOOD SERVICE EQUIPMENT.
7. PROVIDE STAINLESS STEEL PLATES FOR WIRING DEVICES ON WALL UNDER EXHAUST HOOD.
8. SEE 1/8" SCALE FLOOR PLANS FOR ADDITIONAL ELECTRICAL EQUIPMENT IN KITCHEN SPACES.
9. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL ELECTRICAL INSTALLATION REQUIREMENTS.
10. ALL RECEPTACLES IN KITCHEN SHALL HAVE GROUND FAULT CIRCUIT INTERUPTER PROTECTION FOR PERSONNEL PER NEC 218.8(B)(2).

PLAN NOTES: (X)

1. PROVIDE WIRING FROM EXHAUST HOOD FIRE SUPPRESSION SYSTEM TO GAS SOLENOID VALVE TO SHUT OFF GAS SUPPLY WHERE FIRE SUPPRESSION SYSTEM IS ACTIVATED, SEE DETAIL 1/E203



OPERATION

1. WHEN FIRE SUPPRESION ACTIVATES, PRESSURE SWITCH CHANGES POSITION. SUPPLY FAN SHUTS OFF, CIRCUIT BREAKERS TRIP AND GAS SOLENOID CLOSES.

NOTES:

1. ——— = FIELD WIRING BY E.C.
2. SEE SPECIFICATIONS FOR SUPPLIER OF STARTERS.
3. EMERGENCY STOP BUTTON SHALL BE HEAVY DUTY OIL TYPE, FLUSH MOUNTED, RED MUSHROOM HEAD.

1 / E203 **KITCHEN POWER & GAS SHUT DOWN**
SCALE: NTS

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GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:

ENLARGED KITCHEN PLAN

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: E203

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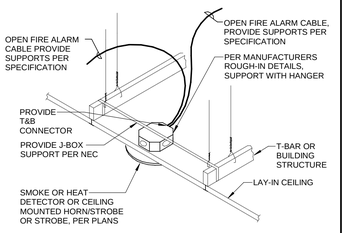
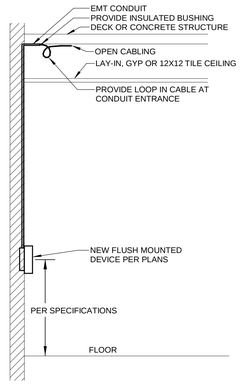


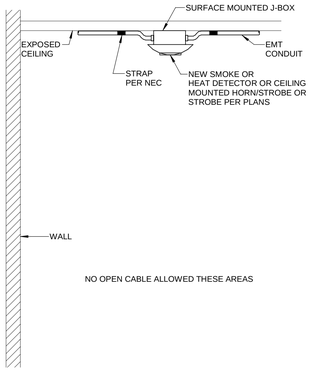
GENERAL NOTE:

1. BOX TO BE ACCESSIBLE VIA CEILING TILE, AND HAVE FRONT COVER WITH PAINTED RED "FA".

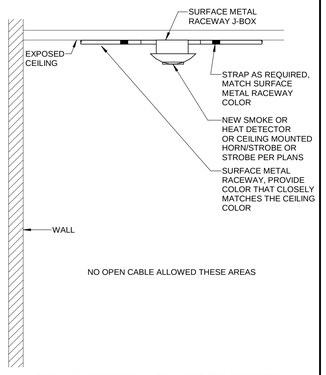
DETAIL ILLUSTRATING NEW FLUSH MOUNTED CEILING DEVICE, IN LAY-IN CEILING
NTS



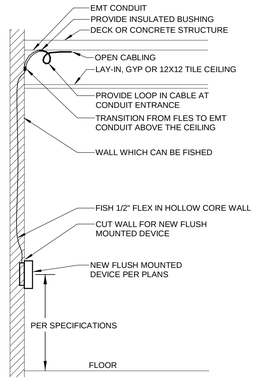
DETAIL ILLUSTRATING NEW FLUSH MOUNTED WALL DEVICE
NTS



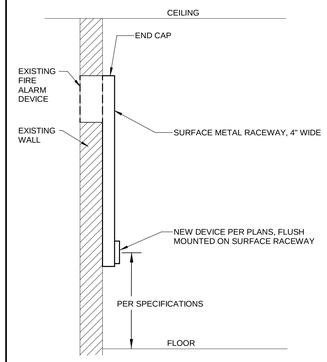
DETAIL ILLUSTRATING NEW SURFACE MOUNTED CEILING DEVICE IN UNFINISHED AREAS
NTS



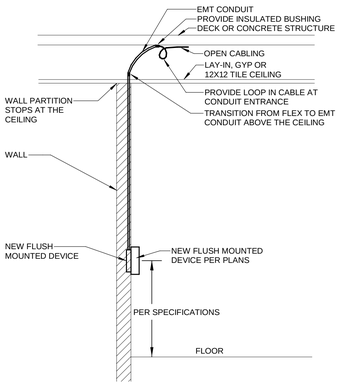
DETAIL ILLUSTRATING NEW SURFACE MOUNTED CEILING DEVICE IN FINISHED AREAS
NTS



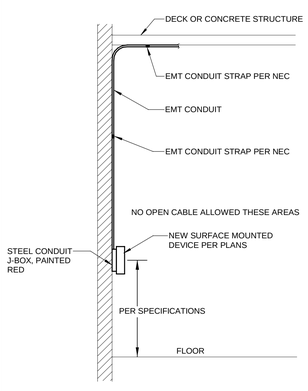
DETAIL ILLUSTRATING NEW FLUSH MOUNTED WALL DEVICE IN EXISTING FACILITIES
NTS



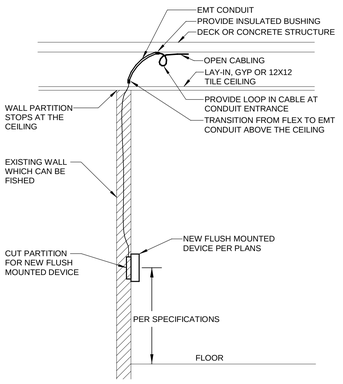
DETAIL ILLUSTRATING NEW SURFACE MOUNTED WALL DEVICE IN EXISTING FACILITIES
NTS



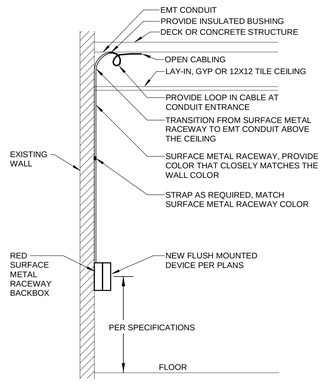
DETAIL ILLUSTRATING NEW WALL MOUNTED DEVICE IN PARTITION WALLS
NTS



DETAIL ILLUSTRATING NEW SURFACE MOUNTED WALL DEVICE IN MECHANICAL SPACES
NTS



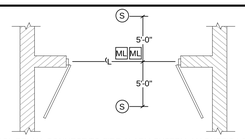
DETAIL ILLUSTRATING NEW WALL MOUNTED DEVICE IN EXISTING PARTITION WALLS
NTS



DETAIL ILLUSTRATING NEW SURFACE MOUNTED WALL DEVICE IN EXISTING FACILITIES
NTS

1 E300 FIRE ALARM DEVICE INSTALLATION DETAILS

SCALE: NTS

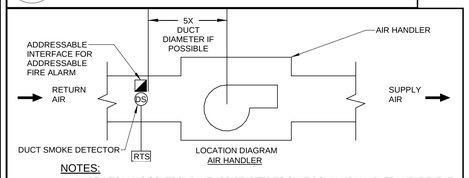


NOTES:

1. PROVIDE CONTROL RELAY. CONNECT TO FIRE ALARM SYSTEM. MAGNETIC LOCKS TO RELEASE UPON FIRE ALARM SYSTEM ACTIVATION.
2. IF EXISTING WALL CAN NOT BE FISHED, PROVIDE SURFACE METAL RACEWAY FOR CABLING.

2 E300 MAGNETIC LOCK FIRE ALARM DETAIL

SCALE: NTS

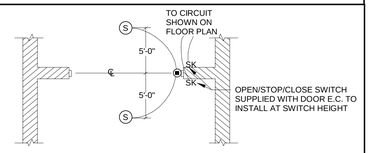


NOTES:

1. WIRE INTO HVAC CONTROL PANEL OR STARTER TO SHUT DOWN AIR HANDLER IN THE EVENT SMOKE IS DETECTED. PROVIDE WRITTEN STATEMENT TO ARCHITECT THAT THE SYSTEM WAS TESTED AND OPERATES CORRECTLY.
2. MOUNT REMOTE TEST STATION ON NEAREST WALL THAT PROVIDES ACCESS. IN INSTALLATIONS WHERE TWO OR MORE AHU'S ARE INSTALLED TOGETHER, MOUNT ALL TEST SWITCHES IN ONE AREA.
3. IF ONLY ONE (DS) IS SHOWN ON FLOOR PLANS, MOUNT ON RETURN SIDE OF AHU.

3 E300 FIRE ALARM DUCT DETECTOR INSTALLATION

SCALE: NTS



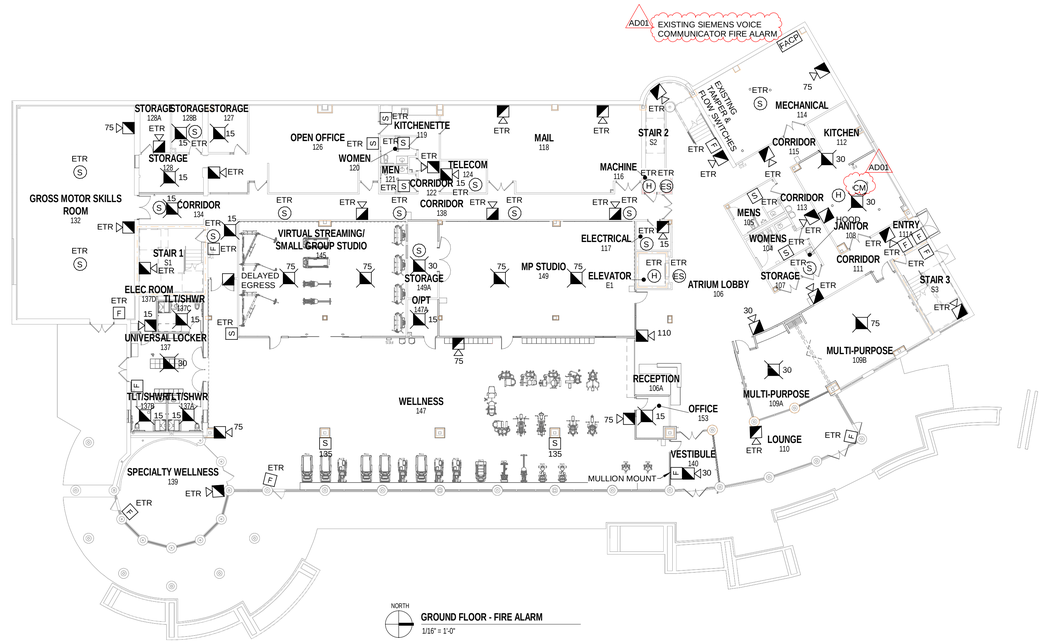
NOTES:

1. PROVIDE ALL FLUSH MOUNTED OUTLET BOXES WHERE WALL IS NEW OR HOLLOW AND CAN BE FISHED.
2. CONNECT TO FIRE ALARM SYSTEM.
3. IF EXISTING WALL CAN NOT BE FISHED, PROVIDE SURFACE METAL RACEWAY FOR CABLING.

4 E300 WON DOOR HOLD DETAIL - ADDRESSABLE FACP

SCALE: NTS

AD01 EXISTING SIEMENS VOICE COMMUNICATOR FIRE ALARM



NORTH

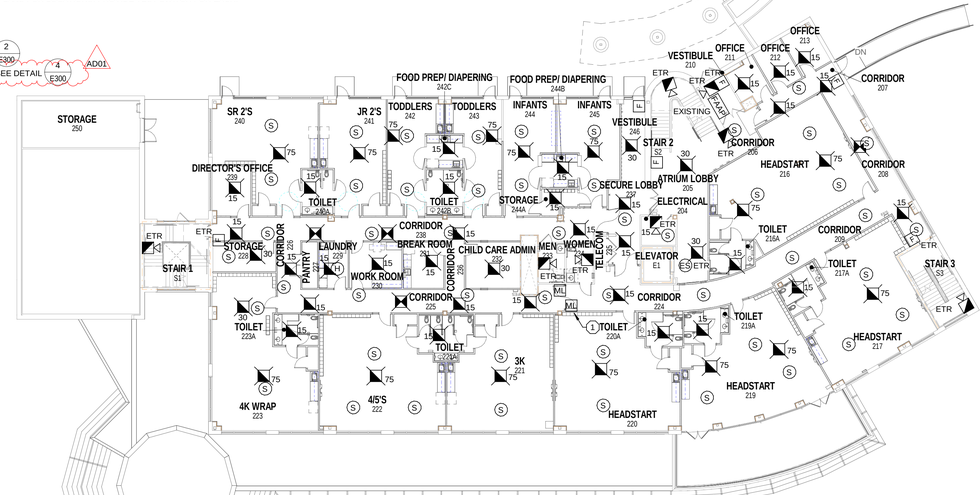
GROUND FLOOR - FIRE ALARM
1/16" = 1'-0"

GENERAL NOTES:

1. SEE POWER PLANS FOR FIRE ALARM CONTROL PANEL AND POWER SUPPLY CIRCUITS.
2. ALL DEVICES SHOWN THIS SHEET ARE APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS ON SITE TO ACCOMMODATE FURNITURE, LIGHT FIXTURES, ETC. ENSURE STROBE COVERAGE REQUIRED BY NFPA 72 IS MAINTAINED IF STROBES ARE RELOCATED FOR COORDINATION.
3. ALL FIRE ALARM CABLING SHALL BE SUPPORTED SEPARATELY FROM OTHER LOW VOLTAGE CABLING ABOVE LAY-IN CEILINGS. FIRE ALARM WIRING IN AREAS WHERE THERE IS NO LAY-IN CEILINGS SHALL BE IN CONDUIT.
4. SEE DETAIL 1/E300 FOR INSTALLATION DETAILS.
5. LOCATE SMOKE DETECTOR MINIMUM 3'-0" FROM HVAC DIFFUSERS. ENSURE COVERAGE IS MAINTAINED IF SMOKES ARE RELOCATED FOR COORDINATION.
6. ALL DEVICES IN MECHANICAL ROOMS SHALL BE LAID OUT ON-SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN THE ROOM.
7. PROVIDE AND INSTALL DUCT SMOKE DEVICES PER DETAIL 3/E300. SEE MOTOR STARTER SCHEDULE FOR REQUIRED EQUIPMENT. SEE HVAC PLANS FOR LOCATIONS. PROVIDE TEST SWITCH FOR EACH.
8. THIS BUILDING IS SPRINKLERED.

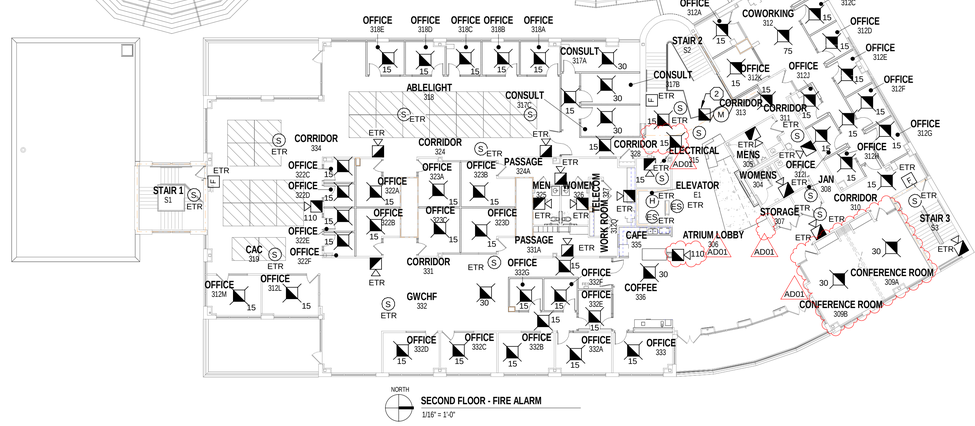
PLAN NOTES: (X)

1. MAG LOCK RELEASE PER DETAIL 2/E300
2. FOR WON DOOR REQUIREMENTS, SEE DETAIL 4/E300 AD01



NORTH

FIRST FLOOR - FIRE ALARM
1/16" = 1'-0"



NORTH

SECOND FLOOR - FIRE ALARM
1/16" = 1'-0"

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Section 3, Item B.

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

FIRE ALARM PLANS

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E300

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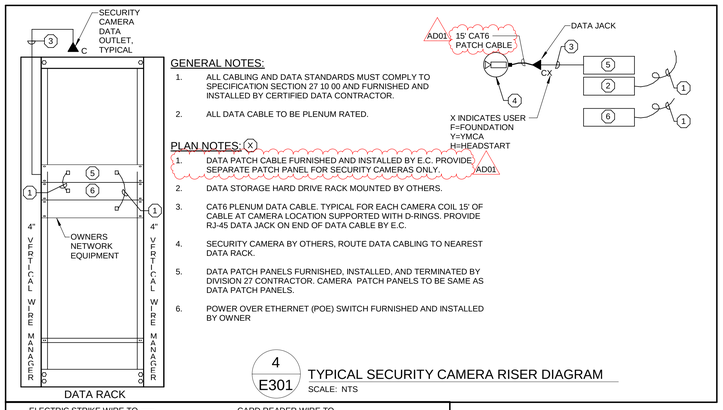
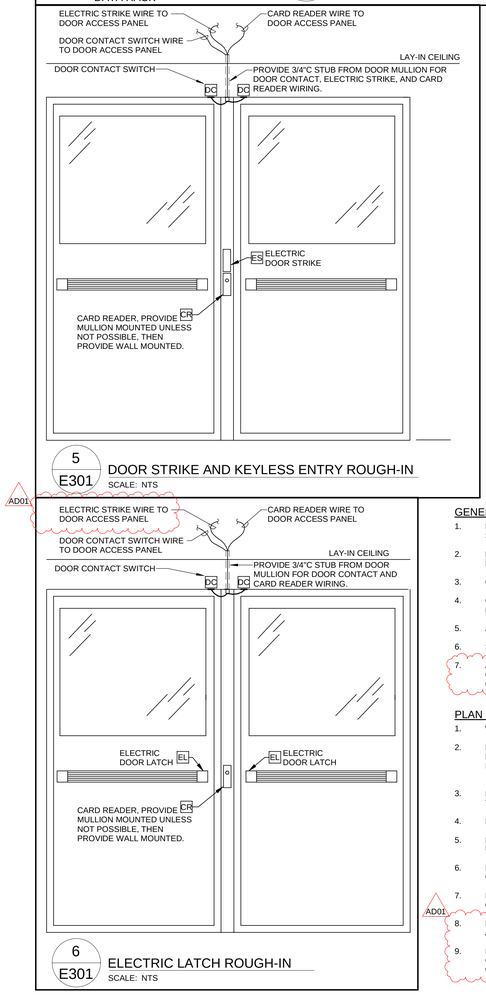


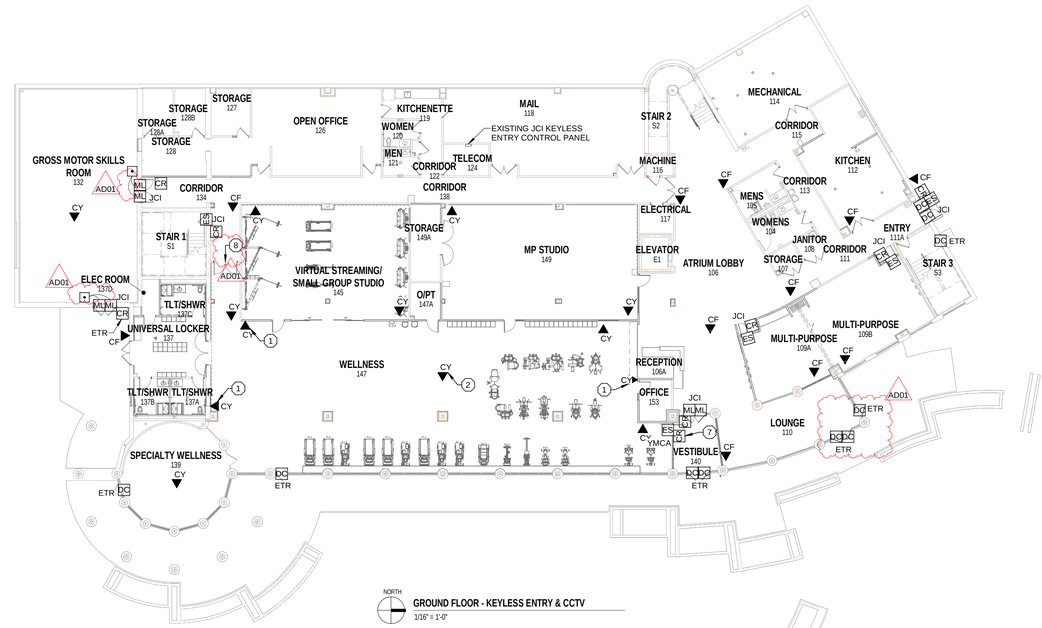


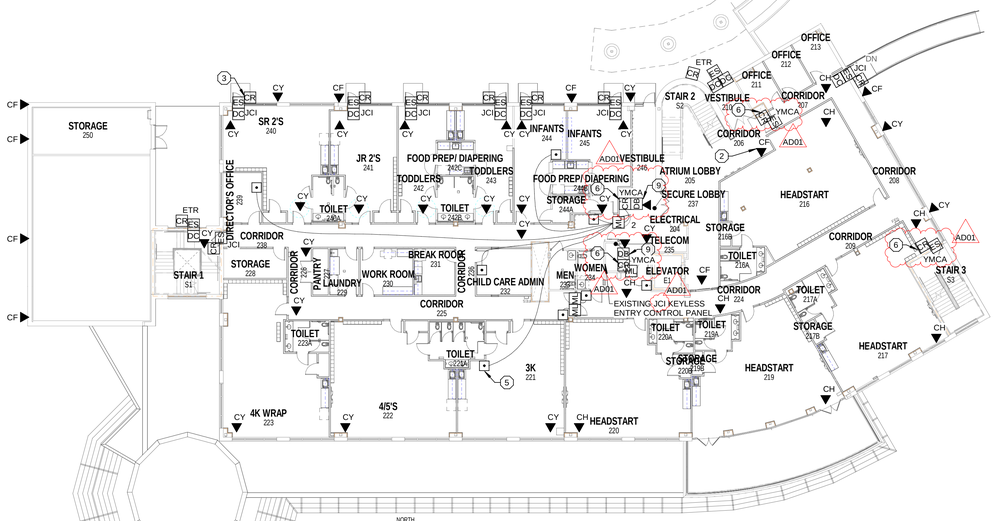
GENERAL NOTES:

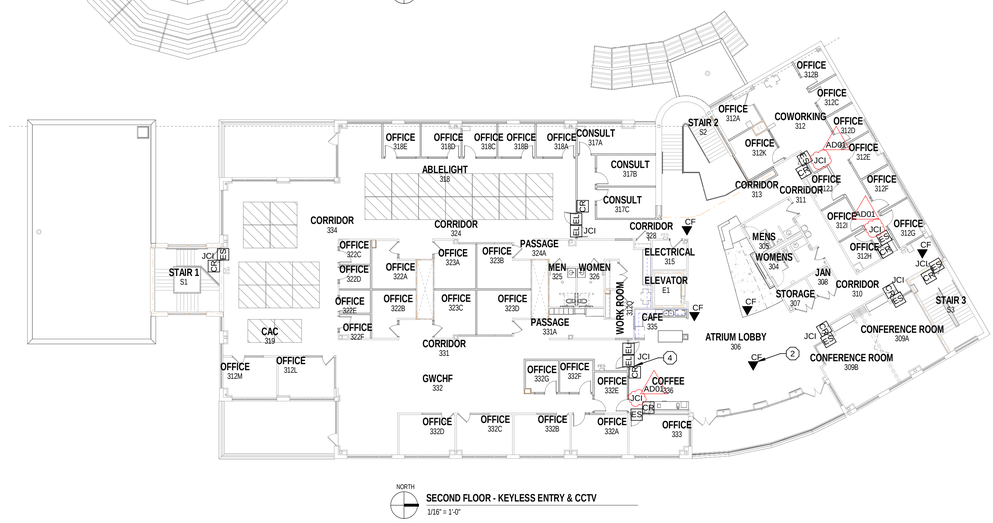
1. PROVIDE CONDUIT STUB THRU EXTERIOR WALL FOR IP CAMERAS SHOWN ON EXTERIOR SEAL CONDUIT PER SPECIFICATIONS. COORDINATE MOUNTING HEIGHT WITH CCTV VENDOR.
2. ROUTE ALL DATA CABLING TO NEAREST DATA CLOSET FOR SECURITY CAMERAS. SEE DETAIL 4/E301 FOR ROUTING.
3. COORDINATE INSTALLATION OF KEYLESS ENTRY SYSTEM WITH VENDOR AND OWNER.
4. COORDINATE EXACT CAMERA LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE MOUNTING HEIGHT WITH CAMERA VENDOR PRIOR TO ROUGH-IN.
5. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E500
6. SEE SITE PLAN FOR POLE MOUNTED CAMERA INFORMATION.
7. ALL SECURITY CAMERAS AND EQUIPMENT FURNISHED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR TO PROVIDE ALL REQUIRED RACEWAYS, CAT6 DATA CABLE, AND 120V WIRING. COORDINATE WORK WITH SYSTEM VENDOR AND OWNER. AD01

PLAN NOTES: X

1. WALL MOUNT CAMERA AS HIGH AS POSSIBLE.
2. PROVIDE DATA CABLE TO CAMERA, COIL 15' OF DATA CABLE ABOVE ACCESSIBLE CEILING ON J-HOOK SUPPORT AT STRUCTURE. COORDINATE EXACT LOCATION OF CAMERAS WITH OWNER. INSTALL DATA CABLE PER DETAIL 4/E301 TYPICAL OF ALL CAMERAS.
3. PROVIDE CARD READER, DOOR CONTACT SWITCH, ELECTRIC STRIKE, AND WIRING PER DETAIL 5/E301 TYPICAL OF ALL.
4. PROVIDE CARD READER AND ELECTRIC LATCH PER DETAIL 6/E301 TYPICAL OF ALL.
5. PROVIDE ELECTRIC STRIKE DOOR RELEASE BUTTON. PROVIDE SINGLE GANG BOX AND 3/4" STUB UP WALL TO NEAREST LAY-IN CEILING. TYPICAL OF ALL.
6. PROVIDE SINGLE GANG BLANK BOX WITH 3/4" CONDUIT STUBBED TO ACCESSIBLE CEILING FOR OWNER PROVIDED CARD READER. MOUNT BOX AT 42" AFF TO CENTER.
7. PROVIDE 3/4" CONDUIT STUB FROM ACCESSIBLE CEILING INTO DOOR FRAME MULLION FOR OWNER PROVIDED CARD READER. AD01
8. PROVIDE WIRING TO DOOR ALARM. COORDINATE INSTALLATION REQUIREMENTS WITH VENDOR AND OWNER.
9. PROVIDE BLANK BOX MOUNTED AT 42" AFF WITH 3/4" CONDUIT STUB TO ABOVE ACCESSIBLE CEILING FOR OWNER PROVIDED AND INSTALLED IP DOOR INTERCOM SYSTEM. PROVIDE DATA CABLE FOR OWNER USE.







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REVISIONS:
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KEYLESS ENTRY & CCTV PLANS

CONSTRUCTION SET
DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E301

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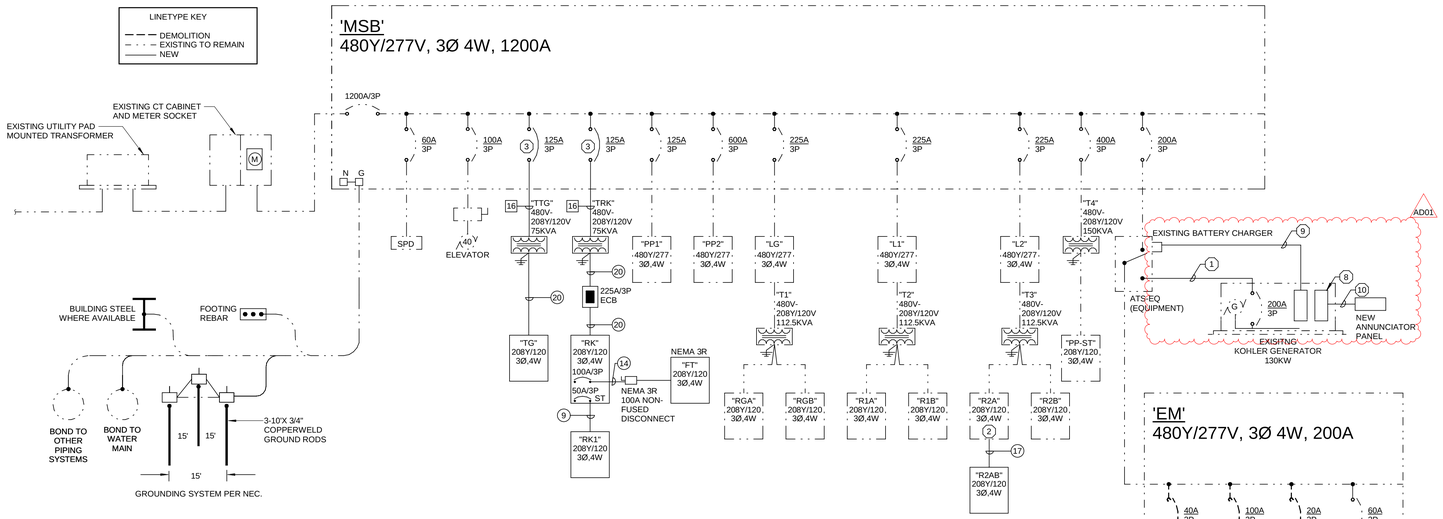
PANEL & DATA RACK LOCATIONS

Type	Location
"EM2"	MECHANICAL 114
"EM"	MECHANICAL 114
"FT"	
"L1"	ELECTRICAL 204
"L2"	ELECTRICAL 315
"LACP1A"	ELECTRICAL 204
"LACP1B"	ELECTRICAL 204
"LCPP2A"	ELECTRICAL 315
"LCPP2B"	ELECTRICAL 315
"LG"	ELECTRICAL 117
"MDP"	MECHANICAL 114
"MDP"	MECHANICAL 114
"PP1"	MECHANICAL 114
"PP2"	ELECTRICAL 315
"PP-ST"	ELEC ROOM 137D
"R1A"	ELECTRICAL 204
"R1B"	ELECTRICAL 204
"R2A"	ELECTRICAL 315
"R2AB"	COWORKING 312
"R2B"	ELECTRICAL 315
"RGA"	ELECTRICAL 117
"RGB"	ELECTRICAL 117
"RK1"	KITCHEN 112
"RK"	KITCHEN 112
"T1"	ELECTRICAL 117
"T2"	ELECTRICAL 204
"T3"	ELECTRICAL 315
"T4"	ELEC ROOM 137D
"TEM2"	MECHANICAL 114
"TG"	STORAGE 149A
"TRK"	MECHANICAL 114
"TTG"	STORAGE 149A



ONE-LINE DIAGRAM

NTS

GENERAL NOTES:

1. THE PRIMARY OVERCURRENT PROTECTIVE DEVICES AND ASSOCIATED FEEDER CONDUCTORS FOR DRY TYPE TRANSFORMERS SHOWN ON THIS DRAWING ARE SIZED FOR 125% OF THE TRANSFORMER NAMEPLATE PRIMARY CURRENT. IF THE CONTRACTOR ELECTS TO SUPPLY TRANSFORMERS THAT REQUIRE HIGHER RATED PRIMARY OVERCURRENT PROTECTIVE DEVICES TO ACCOUNT FOR HIGHER INRUSH CHARACTERISTICS, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING OVERCURRENT PROTECTIVE DEVICES AND FEEDERS THAT COMPLY WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO SPECIFICATIONS.
2. SEE MOTOR STARTER SCHEDULE FOR ADDITIONAL CIRCUITS ADDED TO PANELS. SEE HVAC PLANS FOR EXACT LOCATION FOR ALL HVAC EQUIPMENT REQUIRING POWER.

ONE LINE NOTES: (X)

AD01
1. PROVIDE NEW 4 #3/0, #6 GND IN 2"C. WIRE TO BE COPPER. PROVIDE UNDERGROUND CONDUIT THRU EXTERIOR WALL INTO MECHANICAL 114. PROVIDE LINK SEAL OR EQUAL MODULAR SEAL TO PROVIDE A WATER TIGHT CONDUIT SEAL. RECONNECT TO MATCH EXISTING.
2. PROVIDE NEW EATON 42 CKT PANEL INTERIOR WITH 150A/3P MAIN CIRCUIT BREAKER AND FEED THROUGH LUGS TO SERVE PANEL "R2AB". EXISTING TUB TO REMAIN. RECONNECT ALL EXISTING BRANCH CIRCUITS.
3. PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING.
4. DISCONNECT EXISTING UPS UNIT AND TURN OVER TO OWNER. REMOVE EXISTING WIRE AND CONDUIT.
5. DISCONNECT AND REMOVE EXISTING PANEL. REMOVE EXISTING FEEDER AND BRANCH CIRCUIT WIRE AND CONDUIT.
6. DISCONNECT EXISTING HVAC UNIT. REMOVE EXISTING WIRE, CONDUIT, AND CIRCUIT BREAKER.
7. DISCONNECT AND REMOVE EXISTING TRANSFORMER.

AD01
8. PROVIDE NEW GENERATOR SET CONTROLLER. SEE SPECIFICATIONS.
9. PROVIDE NEW BATTERY CHARGER WIRING TO MATCH EXISTING. PROVIDE UNDERGROUND CONDUIT THRU EXTERIOR WALL INTO MECHANICAL 114. PROVIDE LINK SEAL OR EQUAL MODULAR SEAL TO PROVIDE A WATERTIGHT CONDUIT SEAL. CECONNECT TO MATCH EXISTING.
10. PROVIDE NEW CONTROL WIRING IN UNDERGROUND CONDUIT THRU EXTERIOR WALL INTO MECHANICAL 114. PROVIDE LINK SEAL OR EQUAL MODULAR SEAL TO PROVIDE A WATERTIGHT CONDUIT SEAL.

PANEL SCHEDULE: **"TG"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 225A
MOUNT: SURFACE — MAIN CIRCUIT BKR: 225A
ISOLATED GROUND BUS: NO — SUB-FEED LUGS: NO
GROUND BUS: YES — AMPS AIC: 10 KAIC

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
26	1	20	TREADMILLS & SPARES
16	1	-	SPACE

NOTE: 42 CKT PANEL.

PANEL SCHEDULE: **"RK"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 225A
MOUNT: SURFACE — MAIN CIRCUIT BKR: NONE
ISOLATED GROUND BUS: NO — SUB-FEED LUGS: NO
GROUND BUS: YES — AMPS AIC: 10 KAIC

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
1	3	100	PANEL "FT"
1	3	50 ST	PANEL "RK1"
1	3	30	DISHWAHSER
4	3	20	DISPOSERS, COOLER COND, FREEZER COND
1	2	20	FREEZER COIL
1	1	25	KEF-1
24	1	20	KITCHEN EQUIPMENT & SPARES
5	1	-	SPACE

ST = SHUNT TRIP

NOTE: 54 CKT PANEL.

PANEL SCHEDULE: **"RK1"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 100A
MOUNT: SURFACE — MAIN CIRCUIT BKR: NONE
ISOLATED GROUND BUS: NO — SUB-FEED LUGS: NO
GROUND BUS: YES — AMPS AIC: 10 KAIC

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
4	1	20 GFI	KITCHEN EQUIPMENT
8	1	-	SPACE

NOTE: 12 CKT PANEL.

PANEL SCHEDULE: **"FT"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 100A
MOUNT: SURFACE NEMA 3R — MAIN CIRCUIT BKR: NONE
ISOLATED GROUND BUS: NO — SUB-FEED LUGS: NO
GROUND BUS: YES — AMPS AIC: 10 KAIC

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
6	1	20	FOOD TRUCKS
24	1	-	SPACE

NOTE: 30 CKT PANEL.

PANEL SCHEDULE: **"R2A"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 225A
MOUNT: SURFACE — MAIN CIRCUIT BKR: 150A
ISOLATED GROUND BUS: NO — FEED-THRU LUGS: YES
GROUND BUS: YES — AMPS AIC: 10 KAIC AD01

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
1	2	40 GFI	BUNN COFFEE
2	1	20 GFI	BEVI, ICE, REF
38	1	20	EXISTING & NEW CKTS & SPARES

NOTE: 42 CKT PANEL.
EXISTING TUB TO REMAIN. PROVIDE NEW INTERIOR BUS AND MAIN CIRCUIT BREAKER.
PROVIDE FEED-THRU LUGS TO SERVE PANEL "R2AB".

PANEL SCHEDULE: **"R2AB"** — VOLTAGE: 208Y/120V 3P,4W
TYPE: EATON PRL1A — BUS AMPACITY: 225A
MOUNT: FLUSH — MAIN CIRCUIT BKR: NONE
ISOLATED GROUND BUS: NO — SUB-FEED LUGS: NO
GROUND BUS: YES — AMPS AIC: 10 KAIC

WITH THE FOLLOWING BREAKERS:

QUANTITY	POLE	AMPS	LOAD SERVED
25	1	20	GENERAL USE & SPARES
5	1	-	SPACE

NOTE: 30 CKT PANEL.

FEEDER SCHEDULE

IDENTIFIER	AMPACITY	SINGLE-PHASE TWO-WIRE CIRCUIT		THREE-PHASE THREE-WIRE CIRCUIT		THREE-PHASE FOUR-WIRE CIRCUIT		EQUIPMENT GROUNDING CONDUCTOR
		CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	
COPPER CONDUCTORS								
1	10	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
2	15	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
3	20	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
4	25	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
5	30	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
6	35	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
7	40	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
8	45	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
9	50	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
10	60	3/4"	(2) #6	3/4"	(3) #6	1"	(4) #6	#10
11	70	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
12	80	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
13	90	1"	(2) #3	1"	(3) #3	1-1/4"	(4) #3	#8
14	100	1-1/4"	(2) #3	1-1/4"	(3) #3	1-1/4"	(4) #3	#8
ALUMINUM CONDUCTORS								
15	110	1-1/4"	(2) #1/0	1"	(3) #1/0	2"	(4) #1/0	#4
16	125	1-1/2"	(2) #2/0	2"	(3) #2/0	2"	(4) #2/0	#4
17	150	1-1/2"	(2) #3/0	2"	(3) #3/0	2"	(4) #3/0	#4
18	175	N/A	N/A	2"	(3) #4/0	2-1/2"	(4) #4/0	#4
19	200	N/A	N/A	2-1/2"	(3) 250KCMIL	2-1/2"	(4) 250KCMIL	#4
20	225	N/A	N/A	2-1/2"	(3) 300KCMIL	2-1/2"	(4) 300KCMIL	#2
21	250	N/A	N/A	2-1/2"	(3) 350KCMIL	3"	(4) 350KCMIL	#2
22	300	N/A	N/A	3"	(3) 500 KCMIL	3"	(4) 500KCMIL	#2
23	350	N/A	N/A	(2) 2"	2 SETS OF (3) #4/0	(2) 2-1/2"	2 SETS OF (4) #4/0	#1
24	400	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 250KCMIL	(2) 2-1/2"	2 SETS OF (4) 250KCMIL	#1
25	450	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 300KCMIL	(2) 2-1/2"	2 SETS OF (4) 300KCMIL	#1/0
26	500	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 350KCMIL	(2) 3"	2 SETS OF (4) 350KCMIL	#1/0
27	600	N/A	N/A	(2) 3"	2 SETS OF (3) 500KCMIL	(2) 3 1/2"	2 SETS OF (4) 500KCMIL	#2/0
28	700	N/A	N/A	(3) 2-1/2"	3 SETS OF (3) 350KCMIL	(3) 3"	3 SETS OF (4) 350KCMIL	#3/0
29	800	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 250KCMIL	(4) 2-1/2"	4 SETS OF (4) 250KCMIL	#3/0
30	900	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 300KCMIL	(4) 2-1/2"	4 SETS OF (4) 300KCMIL	#4/0
31	1000	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 350KCMIL	(4) 3"	4 SETS OF (4) 350KCMIL	#4/0
32	1200	N/A	N/A	(4) 3"	4 SETS OF (3) 500KCMIL	(4) 3-1/2"	4 SETS OF (4) 500KCMIL	250KCMIL
33	1600	N/A	N/A	(6) 2-1/2"	6 SETS OF (3) 400KCMIL	(6) 3"	6 SETS OF (4) 400KCMIL	350KCMIL
34	1800	N/A	N/A	(6) 3"	6 SETS OF (3) 500KCMIL	(6) 3-1/2"	6 SETS OF (4) 500KCMIL	400KCMIL
35	2000	N/A	N/A	(6) 3"	6 SETS OF (3) 600KCMIL	(6) 3-1/2"	6 SETS OF (4) 600KCMIL	400KCMIL
36	2500	N/A	N/A	(8) 3"	8 SETS OF (3) 600KCMIL	(8) 3-1/2"	8 SETS OF (4) 600KCMIL	600KCMIL
37	3000	N/A	N/A	(10) 3-1/2"	10 SETS OF (3) 500KCMIL	(10) 3-1/2"	10 SETS OF (4) 500KCMIL	600KCMIL
38	4000	N/A	N/A	(12) 3-1/2"	12 SETS OF (3) 600KCMIL	(12) 4"	12 SETS OF (4) 600KCMIL	800KCMIL

PLAN NOTATION:
◇ SINGLE-PHASE, TWO-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
□ THREE-PHASE, THREE-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
○ THREE-PHASE, FOUR-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER

209 south water street, milwaukee, wisconsin 53204 t 414 289 9700
2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 249 99
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GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:
AD01 09-06-22

ONE LINE & SCHEDULES

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E400

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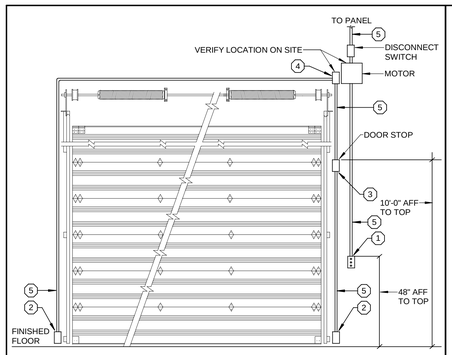


INTERIOR VIEW

GENERAL NOTES:

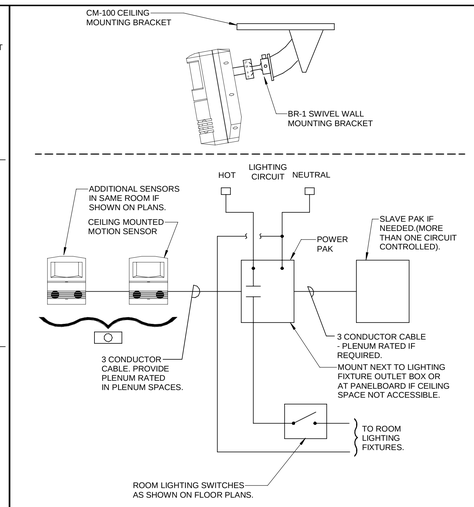
1. VERIFY EXACT DOOR ROUGH-IN WITH DOOR SUPPLIER PRIOR TO FINAL ROUGH-IN.

PLAN NOTES: (X)

1. 1-GANG PUSH BUTTON DOOR OPENER (FBO) FLUSH MOUNTED ON BUILDING INTERIOR.
2. PROVIDE A FLUSH 1-GANG J-BOX FOR STOP EYE, WIRING BY SUPPLIER.
3. PROVIDE A FLUSH 1-GANG J-BOX FOR STOP SWITCH, WIRING BY SUPPLIER.
4. PROVIDE A FLUSH 1-GANG J-BOX FOR CONTROL, WIRING BY SUPPLIER.
5. PROVIDE A FLUSH MOUNTED 1/2"C.

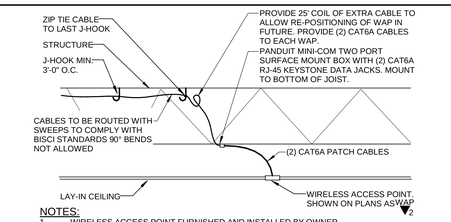
5 E500 OVERHEAD GARAGE DOOR DETAIL

SCALE: NTS



4 E500 MOTION SENSOR LIGHTING CONTROL

SCALE: NTS

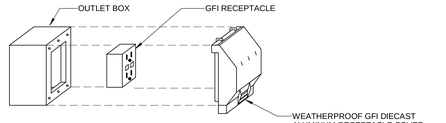


NOTES:

1. WIRELESS ACCESS POINT FURNISHED AND INSTALLED BY OWNER.
2. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DATA CABLING. SURFACE MOUNT BOX, RJ-45 JACKS FOR WIRELESS ACCESS POINTS.
3. COORDINATE INSTALLATION WITH OWNER.

2 E500 WIRELESS ACCESS POINT CABLING INSTALLATION DETAIL

SCALE: NTS



NOTE:

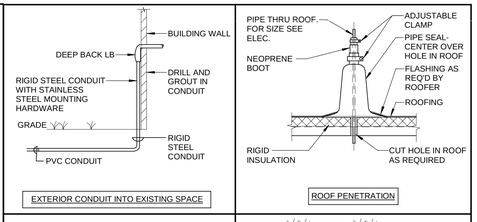
FOR ALL NEW CONSTRUCTION BOX IS TO BE FLUSH MOUNTED.

OUTLET BOX:

FLUSH: 3 1/2" DEEP 1-GANG MASONRY BOX SURFACE: F.S. BOX

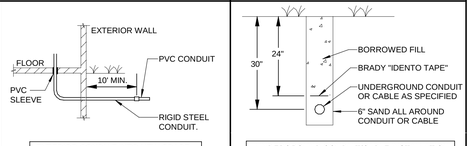
3 E500 GFI/WP RECEPTACLE MOUNTING DETAIL

SCALE: NTS



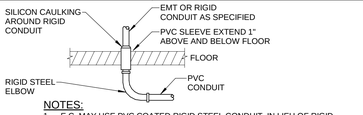
EXTERIOR CONDUIT INTO EXISTING SPACE

ROOF PENETRATION



EXTERIOR CONDUIT INTO NEW SPACE

UNDERGROUND CONDUIT/CABLE INSTALLATION



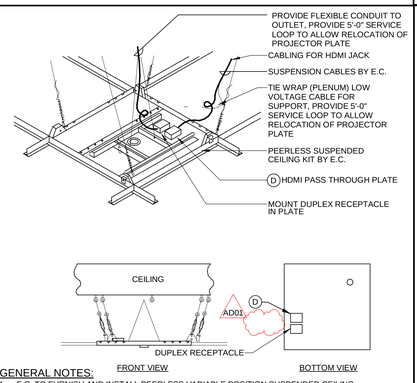
NOTES:

1. E.C. MAY USE PVC COATED RIGID STEEL CONDUIT IN LIEU OF RIGID CONDUIT AND PVC SLEEVE.
2. PVC SLEEVE TO BE AS SNUG AS POSSIBLE ON RIGID CONDUIT.

CONDUIT UNDER FLOOR PENETRATION

1 E500 CONDUIT DETAILS

SCALE: NTS

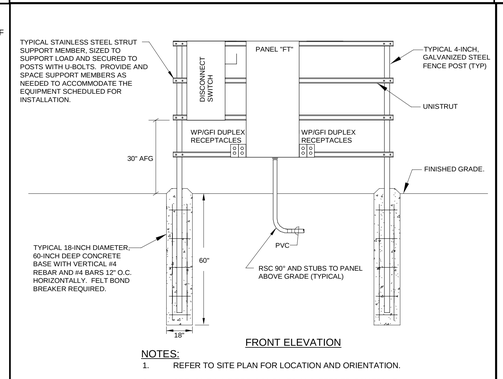


GENERAL NOTES:

1. E.C. TO FURNISH AND INSTALL PEERLESS VARIABLE POSITION SUSPENDED CEILING PLATE CMJ453 OR EQUAL IN LOCATIONS ON PLANS.
2. CONFIRM EXACT DISTANCE FROM PROJECTION SCREEN WITH DISTRICT TECHNOLOGY DIRECTOR PRIOR TO INSTALLATION.

8 E500 PROJECTOR SYSTEM DETAIL

SCALE: NTS



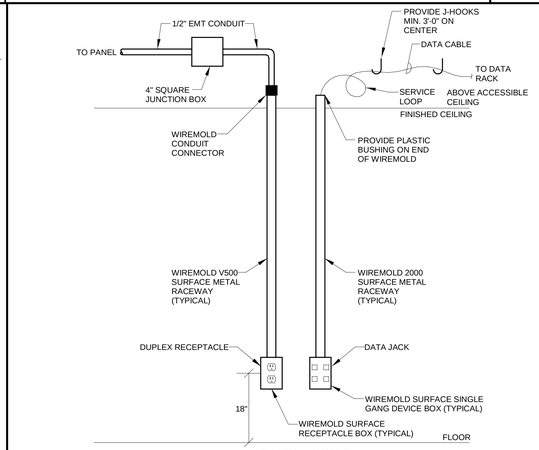
FRONT ELEVATION

NOTES:

1. REFER TO SITE PLAN FOR LOCATION AND ORIENTATION.
2. SEE ONE-LINE FOR CONDUITS AND FEEDER SCHEDULE.
3. CONTRACTOR SHALL VERIFY THAT SELECTED COMPONENTS ARE SUITABLE FOR THE WEIGHT OF THE MOUNTED EQUIPMENT.
4. SUPPORT MEMBERS SHALL BE CONSTRUCTED OF STAINLESS STEEL. ALL HARDWARE SHALL BE CONSTRUCTED OF STAINLESS STEEL.
5. ALL EQUIPMENT SHALL BE OUTDOOR RATED.
6. ALL EXTERIOR CONDUIT ABOVE GRADE AND ELBOWS TO BE GALVANIZED RIGID STEEL (RSC) ALL CONDUIT BELOW GRADE TO BE SCHEDULE 40 PVC.

7 E500 ELECTRICAL EQUIPMENT RACK INSTALLATION DETAIL

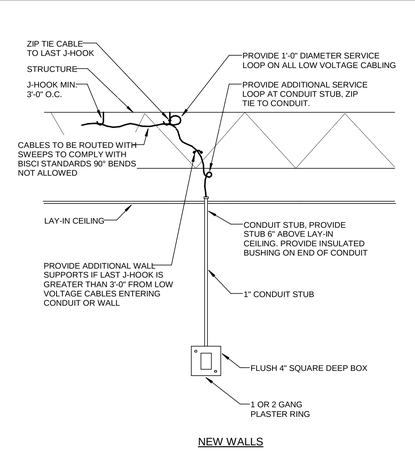
SCALE: NTS



EXISTING WALLS

NOTES:

1. UPSIZE WIREMOLD RACEWAY IF REQUIRED FOR WIRE CAPACITY.
2. THIS DETAIL APPLIES TO EXISTING WALLS ONLY.



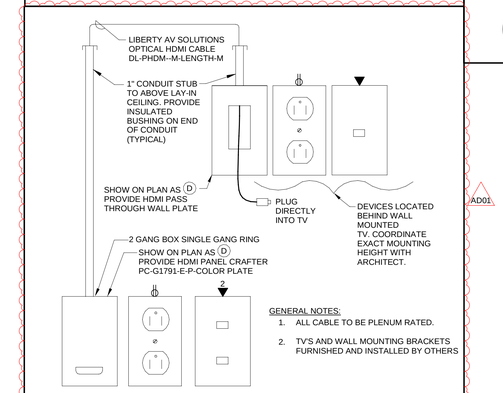
NEW WALLS

NOTES:

1. THIS DETAIL APPLIES TO ALL LOW VOLTAGE CABLING IN NEW WALLS.

6 E500 WIREMOLD SURFACE RACEWAY AND COMMUNICATIONS/LOW VOLTAGE DEVICE ROUGH-IN INSTALLATION

SCALE: NTS

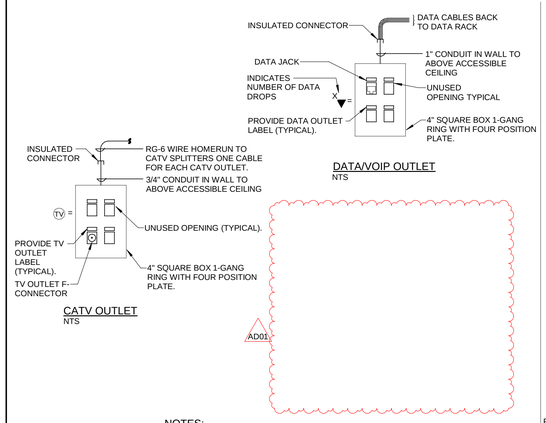


GENERAL NOTES:

1. ALL CABLE TO BE PLENUM RATED.
2. TV'S AND WALL MOUNTING BRACKETS FURNISHED AND INSTALLED BY OTHERS

9 E500 TYPICAL WIRING OF TV DEVICES IN ACCESSIBLE CEILING

SCALE: NTS



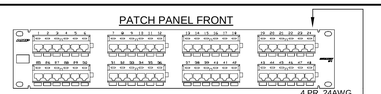
NOTES:

1. ALL BOXES TO BE 4" SQUARE DEEP WITH 1 OR 2-GANG RING.
2. PROVIDE DATA OUTLETS IN QUANTITY SHOWN ON DRAWINGS.
3. PROVIDE MINIMUM 4 UNIT PLATE. CLOSE ALL UNUSED OPENINGS.
4. PROVIDE OUTLET LABELING AS DIRECTED BY OWNER.
5. IF OUTLET IS SHOWN NEXT TO ABOVE COUNTER RECEPTACLE, CONTRACTOR SHALL ASSUME THIS DEVICE MOUNTS ABOVE COUNTER.
6. PROVIDE J-HOOKS EVERY 3'-0" TO SUPPORT ALL DATA AND PHONE CABLING ABOVE CEILING.
7. SEE FLOOR PLAN FOR MULTIPLE JACKS MOUNTED IN SAME PLATE.

10 E500 TYPICAL TELECOMMUNICATIONS OUTLET CONFIGURATIONS

SCALE: NTS

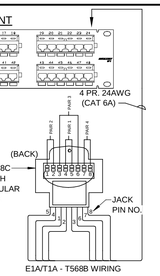
PATCH PANEL FRONT



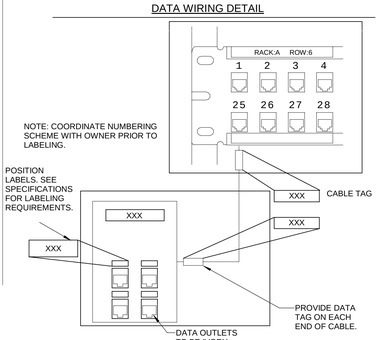
PDS WIRING PAIR COLORS - E1A/T1A 568B

PAIR #	ID	PIN # PDS	BRAND MARKED CODE	SOLID CODE
1	T1	5	WHITE/BLUE	GREEN
	R1	4	BLUE/WHITE	RED
2	T2	1	WHITE/ORANGE	BLACK
	R2	2	ORANGE/WHITE	YELLOW
3	T3	3	WHITE/GREEN	WHITE
	R3	6	GREEN/WHITE	BLUE
4	T4	7	WHITE/BROWN	ORANGE
	R4	8	BROWN/WHITE	BROWN

ALL EQUIPMENT TO BE 250Mhz CAT 6



DATA WIRING DETAIL



NUMBERING SCHEME

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1970 main street, suite 309, sarasota, florida 34236 t 941 444 88
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REVISIONS:
AD01 09-06-22

DETAILS

CONSTRUCTION SET

DATE: 08-19-22

JOB NO: 220040-01

SHEET NO: E500

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MOTOR CIRCUIT SCHEDULE

HVAC EQUIPMENT DESCRIPTION	ELECTRICAL DATA					CIRCUIT						NOTE
	MCA	MOCP	HP	VOLTAGE	PHASE	PANEL	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLE	WIRING NO.	WIRING SIZE	WIRING GND	WIRING CONDUIT	
CUH-1						RK	20	1	2	#12	#12	1/2"	AD01
ECH-1	14.4			208	1	RGB	20	2	3	#12	#12	3/4"	
IU-1	1.33			208	1								1
IU-2	1.33			208	1								1
IU-3	1.33			208	1								1
IU-2	1.33			208	1								5
KEF-1			0.75	120	1	RK	25	1	2	#10	#10	3/4"	
KEH-1													3
MAU-1	17	25	0.33	480	3	PP2	25	3	3	#10	#10	3/4"	4
OU-1	24	30		480	3	PP2	30	3	3	#10	#10	3/4"	2,4
OU-2	23.3	35		208	1	EM2	35	2	2	#8	#10	3/4"	2,4
RE-1			0.25	120	1	PPST	20	1	2 AD01	#12	#12	1/2"	
RE-2			0.25	120	1	R1A	20	1	2	#12	#12	1/2"	
RE-3			0.25	120	1	R1A	20	1	2	#12	#12	1/2"	
RE-4			0.25	120	1	EM2	20	1	2	#12	#12	1/2"	
RE-5			0.25	120	1	EM2	20	1	2	#12	#12	1/2" AD01	

GENERAL NOTES:

1. DISCONNECTS FOR HVAC EQUIPMENT FURNISHED BY M.C. E.C. TO INSTALL PER M.C. REQUIREMENTS.
2. ALL WIRE TO HVAC EQUIPMENT TO BE COPPER ONLY.

SCHEDULE NOTES:

1. CIRCUIT THROUGH OU-1.
2. PROVIDE DUCT SMOKE DETECTOR ON THIS HVAC UNIT PER DETAIL 3/E300. PROVIDE REMOTE TEST SWITCH.
3. SEE KITCHEN SCHEDULE FOR ADDITIONAL INFORMATION.
4. PROVIDE WEATHERPROOF GFCI RECEPTACLE MOUNTED ON ROOF NEAR HVAC UNIT. CONECT TO NEAREST 120V RECEPTACLE CIRCUIT.
5. CIRCUIT THROUGH OU-2.

WATERTOWN COLLECTIVE - FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP TYPE	WATTS	MANUFACTURER	CATALOG NUMBER	NOTE
A1	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 3000 LUMENS	4000K LED	29	LITHONIA	EPANL-2X4-3000LM-80CRI-40K-MIN10-ZT-MVOLT	
				METALUX	24FPX-31-L840	
A1E	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 3000 LUMENS - BATTERY	4000K LED	29	LITHONIA	EPANL-2X4-3000LM-80CRI-40K-MIN10-ZT-MVOLT-E10WCP	
				METALUX	24FPX-31-L840-EL14W	
A2	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS	3500K LED	39	LITHONIA	EPANL-2X4-4000LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	24FPX-38-L835	
A2E	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS - BATTERY	3500K LED	39	LITHONIA	EPANL-2X4-4000LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	
				METALUX	24FPX-38-L835-EL14W	
A3	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 4800 LUMENS	3500K LED	46	LITHONIA	EPANL-2X4-4800LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	24FPX-48-L835	
A3E	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 4800 LUMENS - BATTERY	3500K LED	46	LITHONIA	EPANL-2X4-4800LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	
				METALUX	24FPX-48-L835-EL14W	
A4	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 5400 LUMENS	3500K LED	49	LITHONIA	EPANL-2X4-5400LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	24FPX-64-L835-EL14W	
A4E	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 5400 LUMENS - BATTERY	3500K LED	49	LITHONIA	EPANL-2X4-5400LM-80CRI-35K-MIN10-ZT-MVOLT -E10WCP	
				METALUX	24FPX-64-L835	
A6	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 6800 LUMENS	3500K LED	62	LITHONIA	EPANL-2X4-6800LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	24FPX-64-L835	
A7	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 7200 LUMENS	3500K LED	66	LITHONIA	EPANL-2X4-7200LM-80CRI-35K-MIN10-ZT-MVOLT	
				DAYBRITE	2FPZ-74L-840-4-DS-UNV-DIM	
A7E	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 7200 LUMENS - BATTERY	3500K LED	66	LITHONIA	EPANL-2X4-7200LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	
				DAYBRITE	2FPZ-74L-840-4-DW-UNV-DIM-BSL10LST	
A8	RECESSED 2X4 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS	4000K LED	39	LITHONIA	EPANL-2X4-4000LM-80CRI-40K-MIN10-ZT-MVOLT	
				METALUX	24FPX-38-L840	
B1	RECESSED 1X4 LAY-IN FLAT PANEL LUMINAIRE - 1500 LUMENS	4000K LED	14	LITHONIA	EPANL-1X4-1500LM-80CRI-40K-MIN10-ZT-MVOLT	
				METALUX	14FPX-26-L840	
B2	RECESSED 1X4 LAY-IN FLAT PANEL LUMINAIRE - 3000 LUMENS	3500K LED	27	LITHONIA	EPANL-1X4-3000LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	14FPX-30-L835	
B3	RECESSED FLANGED 1X4 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS	3500K LED	37	LITHONIA	EPANL-1X4-4000LM-80CRI-35K-MIN10-ZT-MVOLT-SMKSH	
				METALUX	14FPX-42-L835-FPXSURF14	
C1	RECESSED 2X2 LAY-IN FLAT PANEL LUMINAIRE - 3400 LUMENS	3500K LED	30	LITHONIA	EPANL-2x2-3400LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	22FPX-32-L835-EL14W	
C1E	RECESSED 2X2 LAY-IN FLAT PANEL LUMINAIRE - 3400 LUMENS - BATTERY	3500K LED	30	LITHONIA	EPANL-2x2-3400LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	
				METALUX	22FPX-32-L835-EL14W	AD01
C2	RECESSED 2X2 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS	3500K LED	37	LITHONIA	EPANL-2x2-4000LM-80CRI-35K-MIN10-ZT-MVOLT	
				METALUX	22FPX-38-L835	
C2E	RECESSED 2X2 LAY-IN FLAT PANEL LUMINAIRE - 4000 LUMENS - BATTERY	3500K LED	37	LITHONIA	EPANL-2x2-4000LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	
				METALUX	22FPX-38-L835-EL14W	
D4	4' INDUSTRIAL LED STRIP FIXTURE - 4000 LUMENS	4000K LED	28	LITHONIA	CLX L48 4000LM SEF RDL MVOLT GZ10 40K 80CRI WH	2
				METALUX	4SNLED-DS-4TSL-LN-UNV-L840-CDT-U	
E1	EMERGENCY BATTERY OPERATED FIXTURE - EXTERIOR USE	4000K LED	17	ISOLITE	OWL-EM-BK-MB-HX	6
				MULE LIGHTING	MERU-LED-ACEM-DB-IH	
F1	4' WALL MOUNT LUMINAIRE - 4000 LUMENS	3500K LED	40	LITHONIA	WL4-40L-MVOLT-GZ10-LP835	4
				METALUX	4SWLED-40SL-LW-UNV-L835-1-U	
F6E	6' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC - BATTERY	3500K LED	373	MARK	SL4WID-LLP-6FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT-E10WCP	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-8-TMW-SAL-SACW-SC-UNV-WS-DM01-EMHE	
F8	8' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC	3500K LED	498	MARK	SL4WID-LLP-8FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-8-TMW-SAL-SACW-SC-UNV-WS-DM01	
F8E	8' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC - BATTERY	3500K LED	498	MARK	SL4WID-LLP-8FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT-2E10WCP	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-8-TMW-SAL-SACW-SC-UNV-WS-DM01-EMHE	
F12	12' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC	3500K LED	747	MARK	SL4WID-LLP-12FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-R12-TMW-SAL-SACW-SC-UNV-WS-DM01	
F28	28' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC	3500K LED	1742	MARK	SL4WID-LLP-28FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-R28-TMW-SAL-SACW-SC-UNV-WS-DM01	
F32E	32' WALL MOUNT LUMINAIRE - 1000 LUMENS PER FOOT DIRECT 1000 LUMENS PER FOOT INDIRECT - ASYMETRIC - BATTERY	3500K LED	1990	MARK	SL4WID-LLP-32FT-80CRI-35K-1000LMF-I80CRI-I35K-I1000LMF-AS-MIN1-MVOLT-8E10WCP	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-HO-SO-R32-TMW-SAL-SACW-SC-UNV-WS-DM01-EMH	
H1	EXTERIOR WALL PACK - 2000 LUMENS - BATTERY	5000K LED	17	LITHONIA	ARC1LED-P2-50K-MVOLT-E4WH	
				MCGRAW	IST-SA1-A-750-U-T3-XX-CBP	
I4E	4'X4' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	32	MARK	SL4ID-LLP-4FT-80CRI-35K-400LMF-I80CRI-I35K-I600LMF-BW-MIN1-MVOLT-1E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-4-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE	
I8	4'X8' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING	3500K LED	64	MARK	SL4ID-LLP-8FT-80CRI-35K-400LMF-I80CRI-I35K-I600LMF-BW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-8-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01	
I8E	4'X8' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	64	MARK	SL4ID-LLP-8FT-80CRI-35K-400LMF-I80CRI-I35K-I600LMF-BW-MIN1-MVOLT-2E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-8-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(2)	
I12	4"X12' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING	3500K LED	96	MARK	SL4ID-LLP-12FT-80CRI-35K-400LMF-I80CRI-I35K-I600LMF-BW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-R12-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01	
I12E	4"X12' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	96	MARK	SL4ID-LLP-12FT-80CRI-35K-400LMF-I80CRI-I35K-I600LMF-BW-MIN1-MVOLT-3E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-R12-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(3)	
I13	4"X12' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING	4000K LED	96	MARK	SL4ID-LLP-12FT-80CRI-40K-400LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-FLSH-LED40-LO-LO-R12-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01	
I16E	4"X16' DIRECT/INDIRECT PENDANT - 600 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	4000K LED	128	MARK	SL4ID-LLP-16FT-80CRI-40K-600LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT-4E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED40-MO-LO-R16-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(4)	
I28E	4"X28' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	224	MARK	SL4ID-LLP-28FT-80CRI-35K-400LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT-7E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-R28-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(7)	
I32	4"X32' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING	4000K LED	256	MARK	SL4ID-LLP-32FT-80CRI-40K-400LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-FLSH-LED40-LO-LO-R32-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01	
I42E	4"X42' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	336	MARK	SL4ID-LLP-42FT-80CRI-35K-400LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT-10E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-R42-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(10)	
I56E	4"X56' DIRECT/INDIRECT PENDANT - 400 LUMENS DIRECT 600 LUMENS INDIRECT BATWING - BATTERY	3500K LED	448	MARK	SL4ID-LLP-56FT-80CRI-35K-400LMF-I80CRI-I40K-I600LMF-BW-MIN1-MVOLT-14E10WLCP	
				PRUDENTIAL	BPRO4-FLSH-LED35-LO-LO-R56-TMW-SAL-SCW-SC-UNV-CA96-XX-DM01-EMHE(14)	
K1	6" LED RECESSED DOWNLIGHT - 1000 LUMENS - MEDIUM	3500K LED	10	GOTHAM	EVO6-35/10-AR-MD-LD-MVOLT-GZ10	
				PORTFOLIO	LD6C1035D010M1H	
K1E	6" LED RECESSED DOWNLIGHT - 1000 LUMENS - MEDIUM - BATTERY	3500K LED	10	GOTHAM	EVO6-35/10-AR-MD-LD-MVOLT-GZ10-E10WLCP	
				PORTFOLIO	LD6C1035D010M1HEM14	
K2	6" LED RECESSED DOWNLIGHT - 2000 LUMENS - MEDIUM	3500K LED	20	GOTHAM	EVO6-35/20-AR-WD-LD-MVOLT-GZ10	
				PORTFOLIO	LD6C2035D010M1H	
K2E	6" LED RECESSED DOWNLIGHT - 2000 LUMENS - MEDIUM - BATTERY	3500K LED	20	GOTHAM	EVO6-35/20-AR-WD-LD-MVOLT-GZ10-E10WLCP	
				PORTFOLIO	LD6C2035D010M1HEM14	
K3	6" LED RECESSED DOWNLIGHT - 3000 LUMENS - WIDE	3500K LED	30	GOTHAM	EVO6-35/30-AR-WD-LD-MVOLT-GZ10	
				PORTFOLIO	LD6C3035D010M1H	
K3E	6" LED RECESSED DOWNLIGHT - 3000 LUMENS - WIDE - BATTERY	3500K LED	30	GOTHAM	EVO6-35/30-AR-WD-LD-MVOLT-GZ10-E10WLCP	
				PORTFOLIO	LD6C3035D010M1HEM14	
K4	6" LED RECESSED DOWNLIGHT - 1000 LUMENS - MEDIUM	4000K LED	10	GOTHAM	EVO6-40/10-AR-MD-LD-MVOLT-GZ10	
				PORTFOLIO	LD6C4040D010M1H	
K4E	6" LED RECESSED DOWNLIGHT - 1000 LUMENS - MEDIUM - BATTERY	4000K LED	10	GOTHAM	EVO6-40/10-AR-MD-LD-MVOLT-GZ10-E10WLCP	
				PORTFOLIO	LD6C4040D010M1HEM14	
K5	6" LED RECESSED DOWNLIGHT - 2000 LUMENS - MEDIUM	4000K LED	20	GOTHAM	EVO6-40/20-AR-WD-LD-MVOLT-GZ10	
				PORTFOLIO	LD6C2040D010W1H	
K8N	8" RETROFIT DOWNLIGHT - 1500 LUMENS - MEDIUM	3500K LED	20	OKT	CP-8-20W-35K	
K8	8" RETROFIT DOWNLIGHT - 1500 LUMENS - MEDIUM	4000K LED	20	OKT	CP-8-20W-40K	
K8E	8" RETROFIT DOWNLIGHT - 1500 LUMENS - MEDIUM - BATTERY	4000K LED	20	OKT	CP-8-20W-40K-EMERGENCY	
KE	8" EXISTING LED DOWNLIGHT - 1200 LUMENS	5000K LED	15	OKT	CP-8-15W-50K	
KEE	EMERGENCY BATTERY FOR EXISTING KE FIXTURE	-	-	IOTA	ILBLP-CP20-HE-SD-HV	5
KS	6" LED RECESSED SHOWER DOWNLIGHT - 1000 LUMENS	3500K LED	10	BODINE	BSL20BK2UBK55C11I	
				GOTHAM	EVO6SH 35/10 DFRAMF SOL MVOLT EZ10	
KT	4" LED RECESSED DOWNLIGHT - 1000 LUMENS - MEDIUM DISTRIBUTION - BATTERY	4000K LED	10	PORTFOLIO	LD6C1035D010PS1H	
				LITHONIA	LBR4-10LM-40K-LSS-MWD-MVOLT-E10WCP/LBR4PFW	
KW	6" RECESSED WALL WASH - 2200 LUMENS	4000K LED	10	HALO	HC410D01REM14/HM405284041WDH	
				WAC	MT-4LD216T MT-4LD216N-F-40-BK	
N14	4"X14' LINEAR RECESSED - 1000 LUMENS/FOOT	3500K LED	140	SPECTRUM	RC48NF2-XT13L-40K-MD-E-X-NL-MBI-NF148-MB	
				MARK	SL4L LOP 14FT FLP TG 80CRI 35K 1000LMF MIN1 MVOLT ZT	
P1	PENDANT CORD CYLINDER DOWNLIGHT - 3000 LUMENS - WIDE	3500K LED	30	FOCAL POINT	FSM4L-FL-1000LF-40K-1C-UNV-LD1-G1-WH-14	
				GOTHAM	EVO6CC-35/30-AR-WD-LD-MVOLT-GZ10	
P1E	PENDANT CORD CYLINDER DOWNLIGHT - 3000 LUMENS - WIDE - BATTERY	3500K LED	30	PORTFOLIO	LER6B30D010XX/EC6B30508035/6LBW3H	
				GOTHAM	EVO6CC-35/30-AR-WD-LD-MVOLT-GZ10-E10WCPR	
				PORTFOLIO	LER6B30D010XXEM14/EC6B30508035/6LBW3H	
PD	3 8" (SMOKE) ROUND DECORATIVE MULTIPORT CANOPY PENDANT	4000K LED	21	BESA	3xJ-SPIR8SM-EDIL-L/1xT33X	AD01
T1	TRACK LIGHT FIXTURE HEAD - 1100 LUMENS	4000K LED	11	JUNO	T261L-G3-40K-80CRI-OFF-FL	
				HALO	L815SML10FL940XX	
TR8	8' TRACK SYSTEM	-	-	JUNO	T-8FT-T23-T28-TCLFM11-TCLCB-3A	3
				HALO	LZR108LZR212/LZRC201CB300	
UC1	UNDERCABINET LED - 2600 LUMENS	4000K LED	27	HEALTHCARE	HUC546-MVOLT-LED40	
				FAIL SAFE	UCL-4-LED4-40-A12125-EDD1-UNV	
UC4	UNDERCABINET LED - 2600 LUMENS	3500K LED	27	HEALTHCARE	HUC546-MVOLT-LED35	
				FAIL SAFE	UCL-4-LED4-35-A12125-EDD1-UNV	
V1	4' ALCOVE LED - 550 LUMENS PER FOOT	4000K LED	17	LUMENWERX	ALC-APO-LED-50-550-40-4FT-UNV-COVH	
				PRUDENTIAL	MIC-LED4-LO-4-TMW-TMW-SC-UNV-DM01	
V1E	4' ALCOVE LED - 550 LUMENS PER FOOT - BATTERY	4000K LED	17	LUMENWERX	ALC-APO-LED-50-550-40-4FT-UNV-1EB-COVH	
				PRUDENTIAL	MIC-LED4-LO-4-TMW-TMW-SC-UNV-DM01-EMHE	
W8	4"X8' PENDANT WALL WASH - 800 LUMENS PER FOOT	3500K LED	64	MARK	SL4D-LLP-8FT-80CRI-35K-800LMF-WW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-SO-8-TMW-WWF-NU-SC-UNV-SUR-XX-DM01	
W14	4"X14' PENDANT WALL WASH - 800 LUMENS PER FOOT	3500K LED	112	MARK	SL4D-LLP-14FT-80CRI-35K-800LMF-WW-MIN1-MVOLT	
				PRUDENTIAL	BPRO4-LIN-FLSH-LED35-SO-R14-TMW-WWF-NU-SC-UNV-SUR-XX-DM01	
WR2	4"X2' LINEAR RECESSED WALL WASH - 800 LUMENS PER FOOT	3500K LED	16	MARK	SL4L-LOP-2FT-FLP-TG-80CRI-35K-800LMF-WW-MIN1-MVOLT	
				FOCAL POINT	FSM4AL-FFL-875LF-35K-1C-UNV-L11-G1-WH-2	
WR6	4"X6' LINEAR RECESSED WALL WASH - 800 LUMENS PER FOOT	4000K LED	48	MARK	SL4L-LOP-6FT-FLP-FL-80CRI-40K-800LMF-WW-MIN1-MVOLT	
				FOCAL POINT	FSM4AL-FFL-875LF-35K-1C-UNV-L11-G1-WH-6	
WR16	4"X16' LINEAR RECESSED WALL WASH - 800 LUMENS PER FOOT	3500K LED	128	MARK	SL4L-LOP-16FT-FLP-TG-80CRI-35K-800LMF-WW-MIN1-MVOLT	
				FOCAL POINT	FSM4AL-FFL-875LF-35K-1C-UNV-L11-G1-WH-16	
X1	EXTERIOR LED BOLLARD	5000K LED	31	LITHONIA	KBR8-LED-12C-700-50K-ASY	
				ABOVE ALL	FB24501VXX/90245/90541	
Y2	POLE MOUNTED AREA LUMINAIRE - TYPE 3 DISTRIBUTION - 16,000 LUMENS	5000K LED	150	RAB	ALED3T150	
Y3	POLE MOUNTED AREA LUMINAIRE - TYPE 4 DISTRIBUTION - 16,000 LUMENS	5000K LED	150	RAB	ALED4T150	
LP1	30' SQUARE STRAIGHT STEEL 6" POLE - SINGLE - EXTRA HANDHOLE AT 14' W/ 3/4" THREADED COUPLING	-	-	LITHONIA	SSS-30'-6G-DM19AS-NPL3/14D-EHH/14B-DNAXD	
				MCGRAW	SSS6A30ST1BH	
	UNIVERSAL LED EXIT - BATTERY PACK	RED LED	1	LITHONIA	LQM-S-W-3-R-120/277-ELN	1
				SURELITE	LPX7	

GENERAL NOTES:

1. SEE SPECIFICATIONS FOR FIXTURE REQUIREMENTS.
2. ALL FIXTURES SHALL BE UNIVERSAL VOLTAGE UNLESS OTHERWISE NOTED.
3. ALL INTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 80+. ALL EXTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 70+.
4. MOUNT FIXTURES AT HEIGHT INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.
5. ARCHITECT TO SELECT AND APPROVE ALL COLORS AND FINISHES FOR LIGHT FIXTURES.
6. ALTERNATE FIXTURES TO HAVE EQUAL CHARACTERISTICS OF SPECIFIED FIXTURES.

PLAN NOTES:

1. PROVIDE DIRECTION ARROWS AND MOUNTING METHODS AS INDICATED ON PLANS.
2. PROVIDE AIRCRAFT CABLE ZACVH FOR EACH SUSPENDED FIXTURE.
3. PROVIDE ALL NECESSARY CABLES, STARTER KITS, POWER SUPPLIES, ETC FOR A COMPLETE INSTALLATION
4. MOUNT FIXTURE ABOVE MIRROR, COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
5. CONNECT NEW BATTERY PACK TO EXISTING FIXTURE.
6. FIXTURE TO BE CONNECTED TO NORMAL LIGHTING CIRCUIT IN NEAREST CORRIDOR.

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PLUNKETT RAYSICH ARCHITECTS, LLP
209 south water street, milwaukee, wisconsin 53204 t 414.289.8778
2310 crossroads drive, suite 2000, madison, wisconsin 53718 f 608.249.99
1970 main street, suite 309, sarasota, florida 34236 t 941.444.88
311 canyon wren dr, buda, tx 78610 f 737.525.09

ENGINEERING DESIGN BY MSA (800) 362-4505 • www.msapllc.com

GWCHF
WATERTOWN COLLECTIVE, LLC
600 HOFFMANN DRIVE, WATERTOWN, WI 53094

REVISIONS:	
AD01	09-06-22

CONSTRUCTION SET

DATE: 08-19-22
JOB NO: 220040-01
SHEET NO: E501

FIXTURE & MOTOR SCHEDULES

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