

CALL TO ORDER

ROLL CALL

PERSONS WISHING TO ADDRESS THE PLAN COMMISSION--State name, address, and subject of comments. (2 *Minutes*)

No Public Participation after this point.

FUTURE MEETINGS AND GATHERING INVOLVING THE PLAN COMMISSION

CONSIDERATION - ACTION

- 1. Approve minutes of the February 19, 2020 meeting
- 2. Site Plan Review Pine Valley Apartments Mayfair St.

ADJOURNMENT

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact the City Clerk at 920-324-7915.



CALL TO ORDER

The Waupun Plan Commission met at 4:45 pm in the Council Chambers, City Hall, Waupun.

ROLL CALL

Members Present: Julie Nickel, Fred Lueck, Mike Matoushek, Elton TerBeest, Jerry Medema, and Jeff Daane. Member Excused: Derek Drews

Staff Present: Susan Leahy, Sarah VanBuren, and Kathy Schlieve

PERSONS WISHING TO ADDRESS THE PLAN COMMISSION --

Chairman Nickel asked if there were any persons wishing to address the committee on any items not included on today's agenda. Hearing nothing, Chairman Nickel proceeded to address the items listed for consideration and action on today's committee agenda.

FUTURE MEETINGS AND GATHERING INVOLVING THE PLAN COMMISSION

Chairman Nickel indicated the next meeting of the Plan Commission may be March 18, 2020, at 4:45 pm.

CONSIDERATION - ACTION

- Approve minutes of the January 15, 2020 meeting. Motion by Medema, seconded by Matoushek to approve the minutes of the January 15, 2020 meeting as presented. Motion carried, unanimously.
- 2. Site Plan Review 412 Shaler Dr Dentistry of Wisconsin.

Grant Duchac, engineer with Excel Engineering appeared and discussed the site plan for Dentistry of Wisconsin to be located at the intersection of Shaler Dr. and E. Lincoln St. The lot is approximately 1.5 acres in size. The proposed single story building would contain approximately 4,800 sq. ft. and meet all yard and setback requirements of the City's Zoning Ordinance. A sign is proposed at the intersection of Shaler Dr. and E. Lincoln St. The site would contain 41 parking stalls. The location of a future addition is also shown on the rear of the main structure. City Engineer Daane indicated that he has been working with MSA on a storm water agreement and a stormwater conveyance system as well as erosion control plans. A lighting layout has also been provided.

Robert Metzger, father of the owner and Martin Sell, architect also appeared to answer any questions. Lueck noted that they have made about two additions to their office in Beaver Dam and wondered if this building would be larger than that one. Mr. Metzger thought it might be slightly larger than their Beaver Dam office. It would be large enough for a two-person practice. He also noted that if everything falls in place, they hope to start construction around May 6th.

Hearing no further questions, Chairman Nickel called for a motion to act on the site plan.

Motion by Matoushek, seconded by TerBeest to approve the site plan for the construction of a new office building for Dentistry of Wisconsin at 412 Shaler Dr. in accordance with the plans submitted with their application and any approvals required by the City Engineer.

Vote: Daane, Medema, TerBeest, Matoushek, Lueck, and Nickel - "AYE"

Motion carried, unanimously 6/0

3. Housing Study and Needs Analysis

Sarah VanBuren, Community & Economic Development Coordinator and Kathy Schlieve, City Administrator appeared to give a brief overview of the City's Housing study and needs analysis recently approved by the City Council on February 11, 2020. This study is intended to help elected officials and others to understand the City's housing needs and how to address these issues.

Some of the issues noted were affordable housing, community demographics, existing housing characteristics, economic factors, housing affordability gap, stake holder interviews, land use planning, municipal codes, housing needs and recommended actions. If a household spends more than 30% of their income on housing and related costs then the household is considered overburdened. The cost of construction is up 187%. TIF districts can make housing more affordable in their opinion.

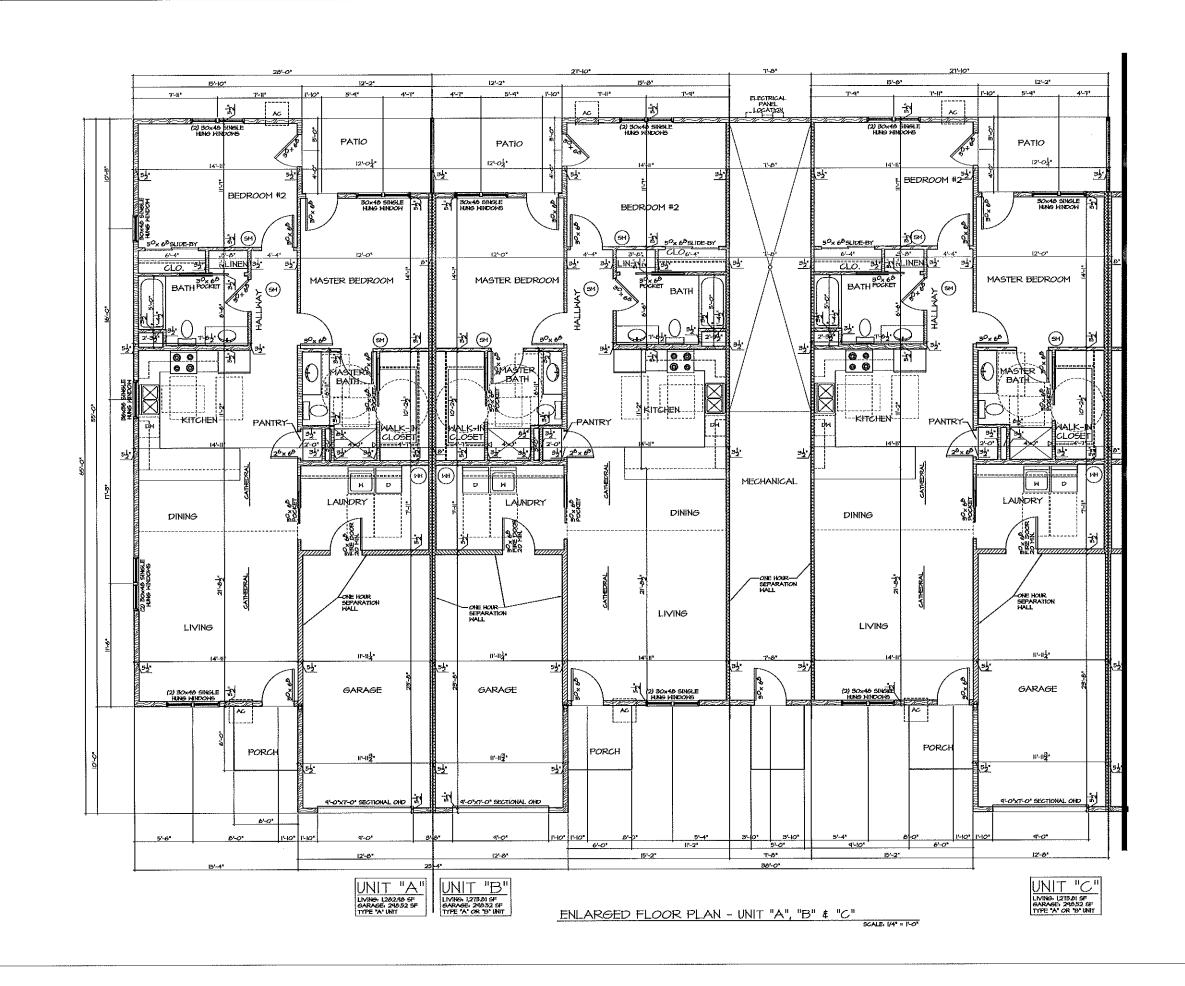
In 2021 one of the City's TIF districts is going to close and the units in this district will lose their tax incentives which may result in the unit rents to skyrocket. They feel there is a lack of short-term housing in the City. What are the solutions? Possibly allow accessory dwelling units on lots, reduce lot widths, eliminate R-1 zoning district, revise the zoning ordinance and create a developers guide are some possibilities among others for the study.

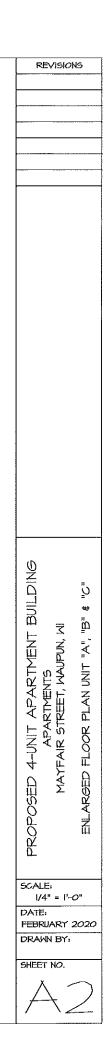
ADJOURNMENT

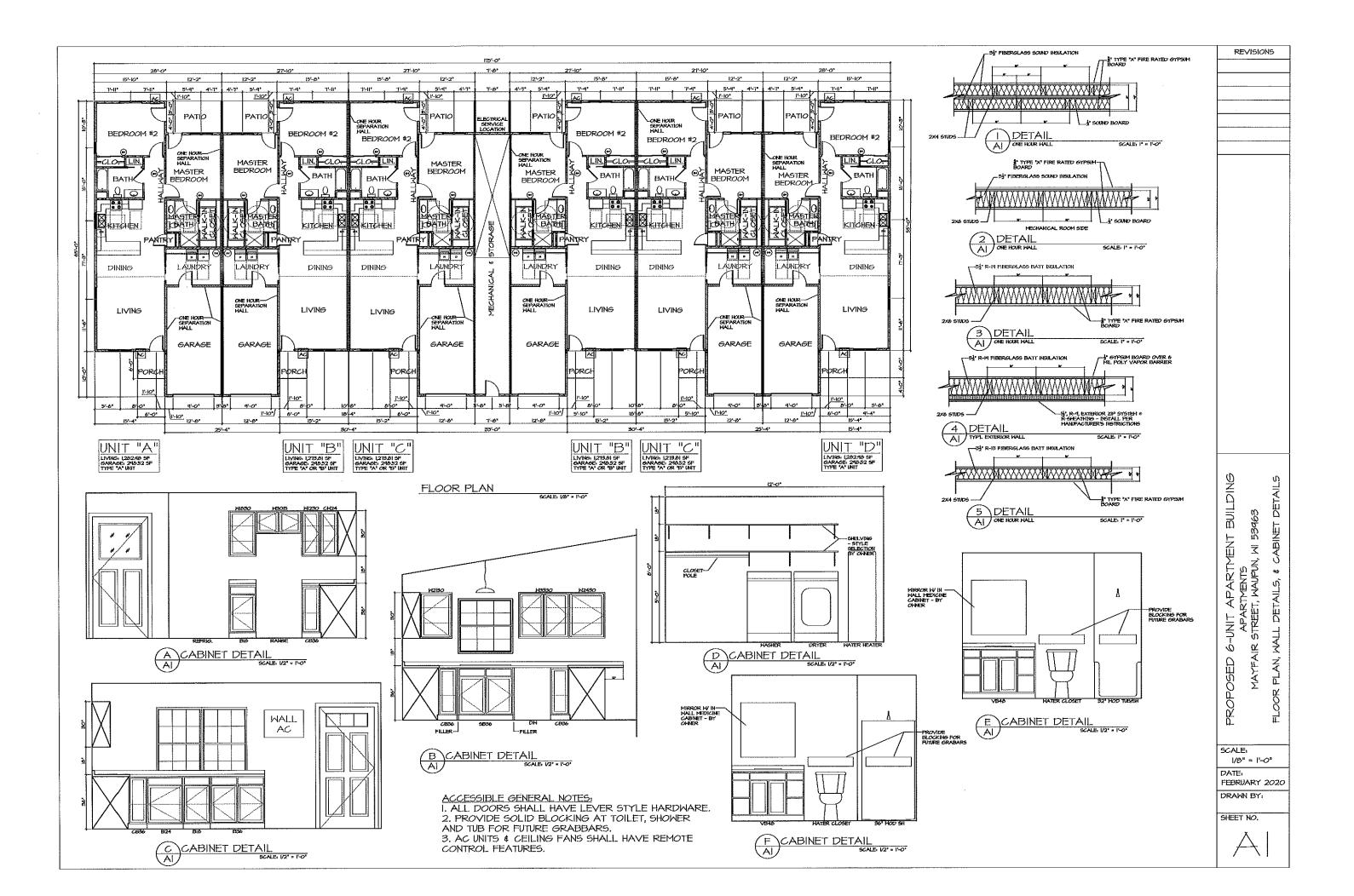
Motion by Lueck, seconded by Nickel to adjourn the meeting. Motion carried, meeting adjourned at 5:11 pm

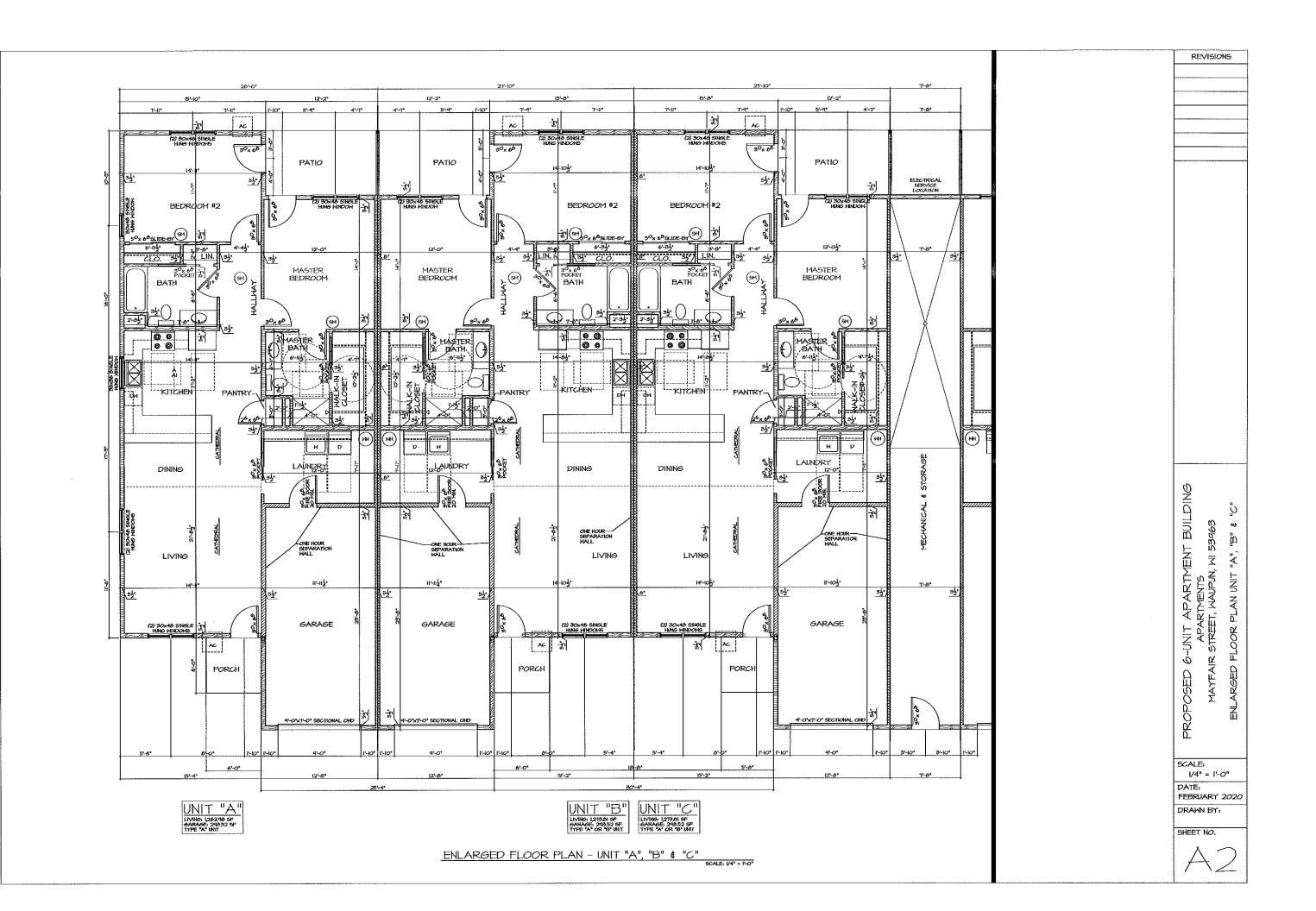
Fred Lueck Secretary

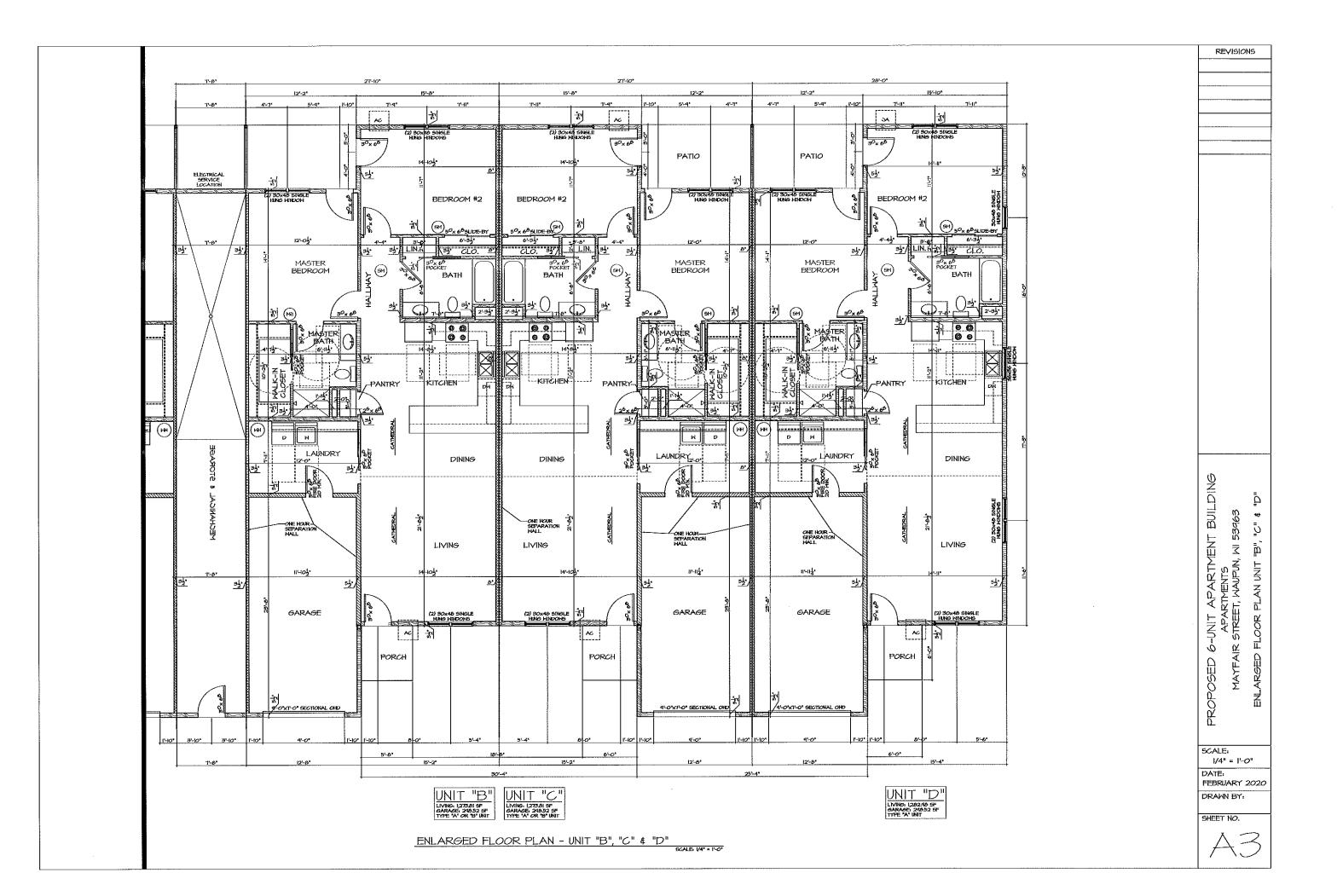


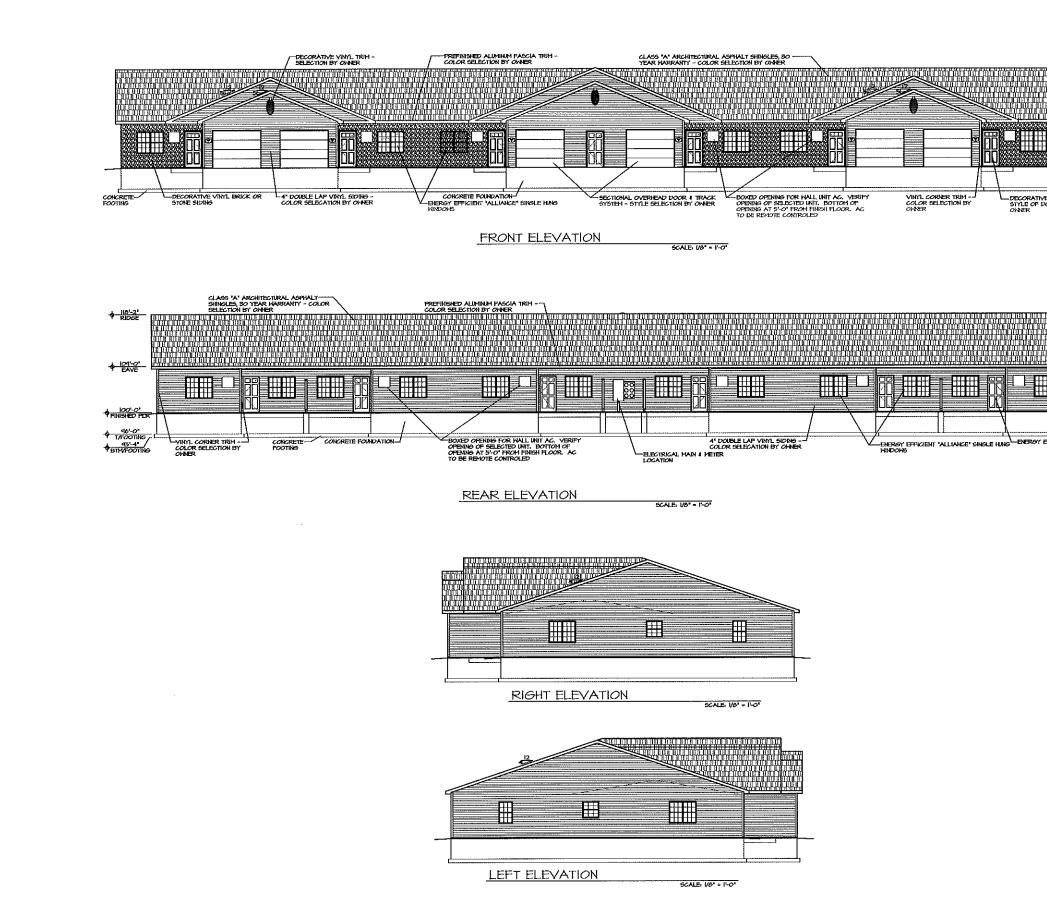












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WAUPUN PINE VALLEY APARTMENTS PROJECT WAUPUN PINE VALLEY APARTMENTS LLC CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

SHEET INDEX

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D 1-5	CONSTRUCTION DETAILS				



CITY OF WAUPUN DODGE COUNTY



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PROJECT DATE:

ANSA ENGINEERING | ARCHITECTURE | SURVEYING FUNDING | PLANNING | ENVIRONMENTAL 201 Corporate Drive, Beaver Dam WI 53916 (920) 887-4242 www.msa-ps.com

WAUPUN PINE VALLEY APARTMENTS LLC CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

UTILITIES

GAS: ALLIANT ENERGY 120 E. MAPLE AVENUE BEAVER DAM, WI 53916 PHONE 920-887-6030 CONTACT: DAVID KROHN

ELECTRIC: WAUPUN UTILITIES 817 S. MADISON STREET WAUPUN, WI 53963 PHONE: 920-324-7920 CONTACT: RANDY POSTHUMA

TELEPHONE: 70 E. DIVISION STREET, FLOOR 1 FOND DU LAC, WI 54935 PHONE: 920-929-1013 CONTACT: CHUCK BARTELT

SANITARY & WATER: WAUPUN UTILITIES 817 S. MADISON STREET WAUPUN, WI 53963 PHONE: 920-210-0079 CONTACT: STEVE SCHRAMM

STORM SEWER & STREET 201 E. MAIN STREET WAUPUN, WI 53963 PHONE: 920-210-8200 CONTACT: JEFF DAANE

CATV: CHARTER COMMUNICATIONS N3760 C.T.H. "DJ" **JUNEAU, WI 53039** PHONE: 920-349-3201 CONTACT: NICK FRASE



Dial i or (800) 242-8511

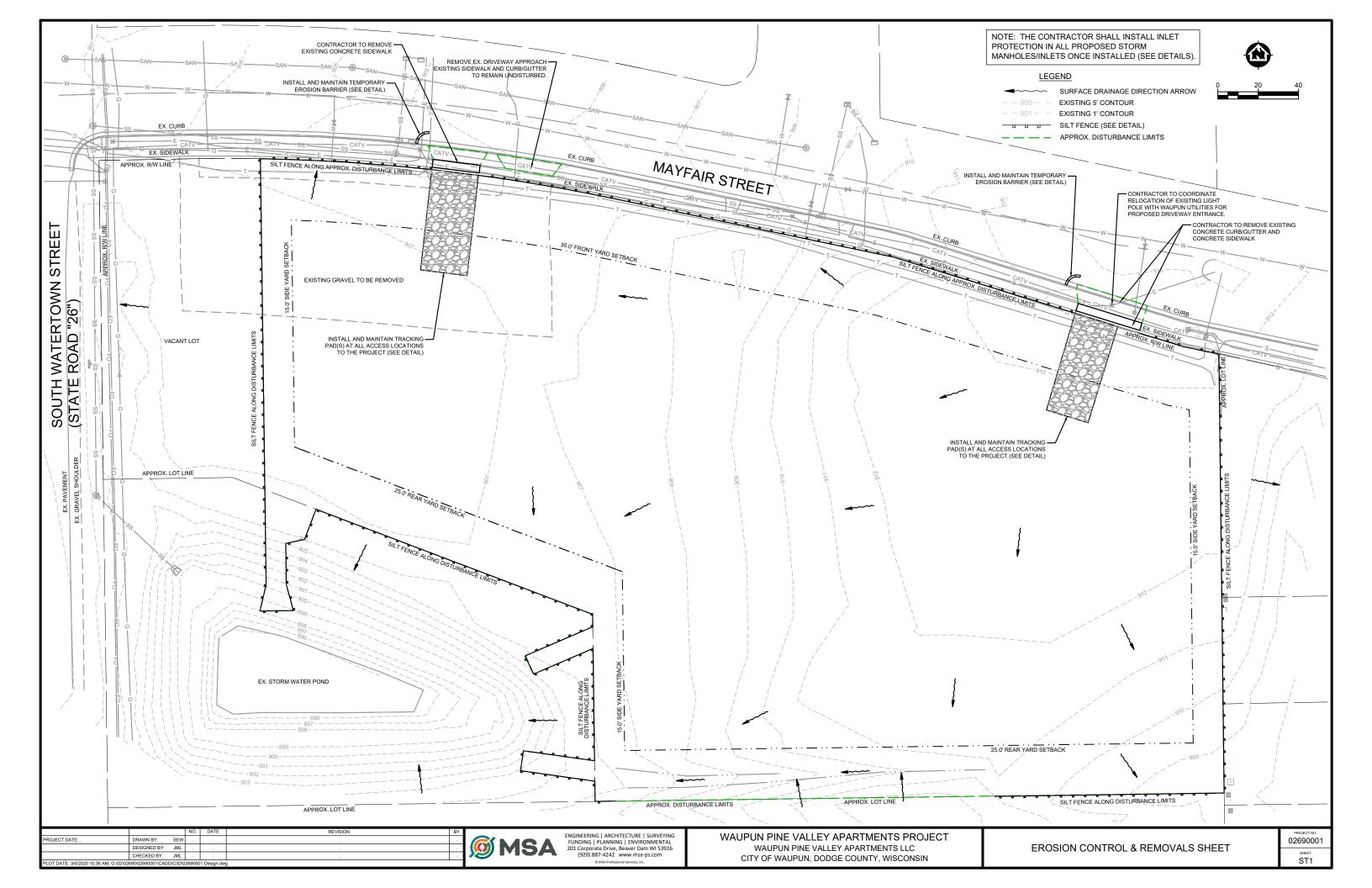
www.DiggersHotline.com

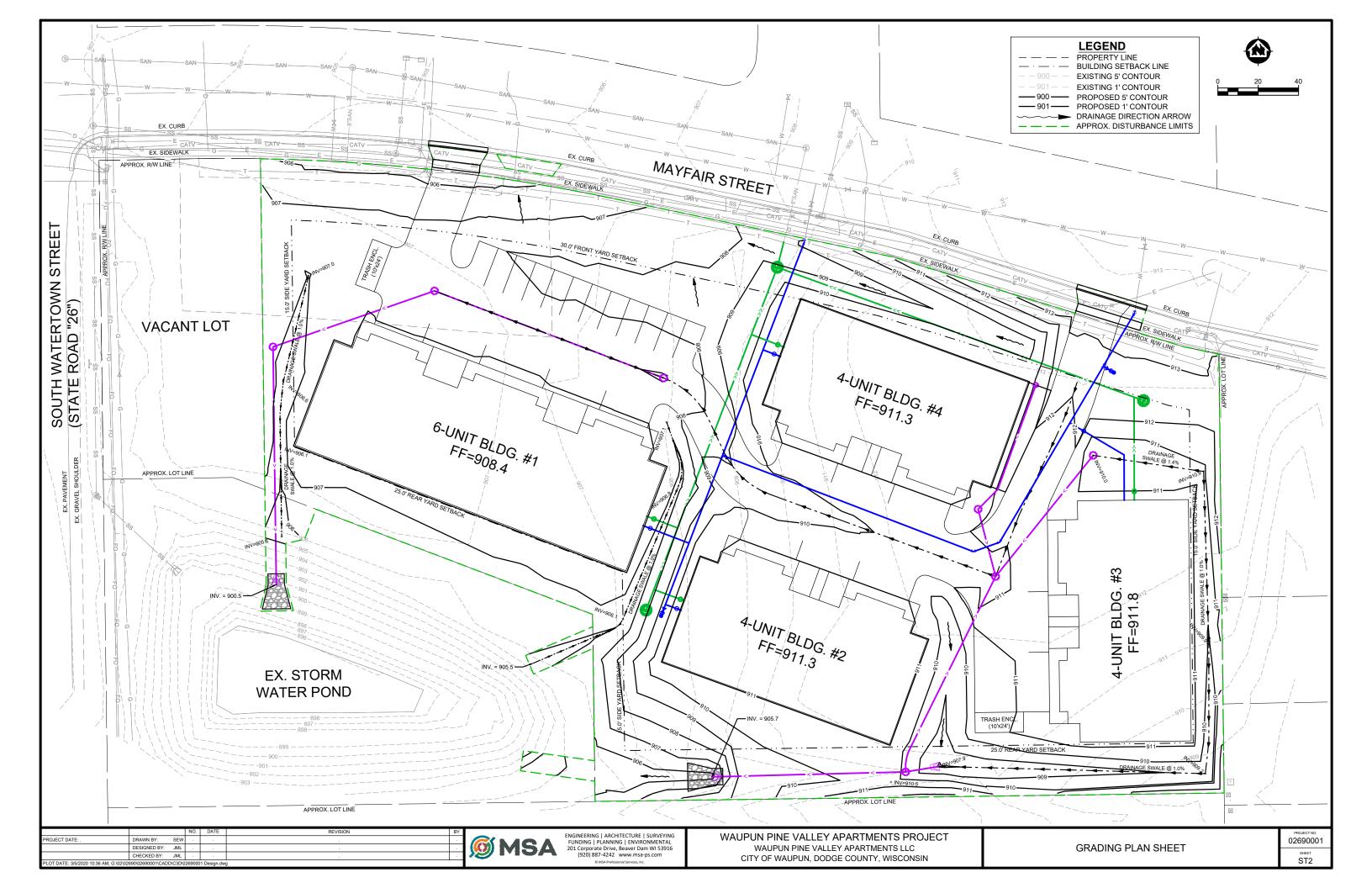
NOTE: LITILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

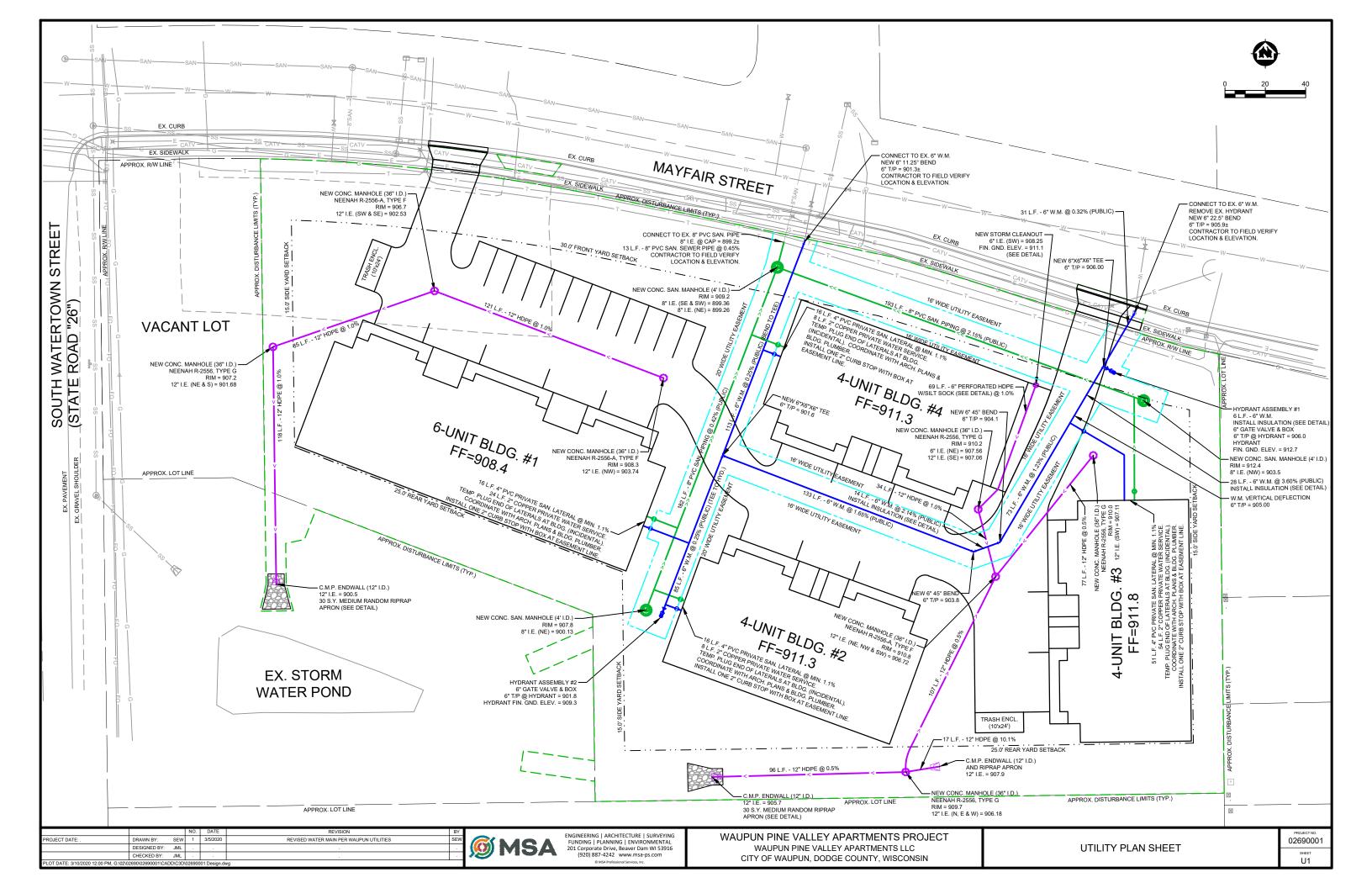
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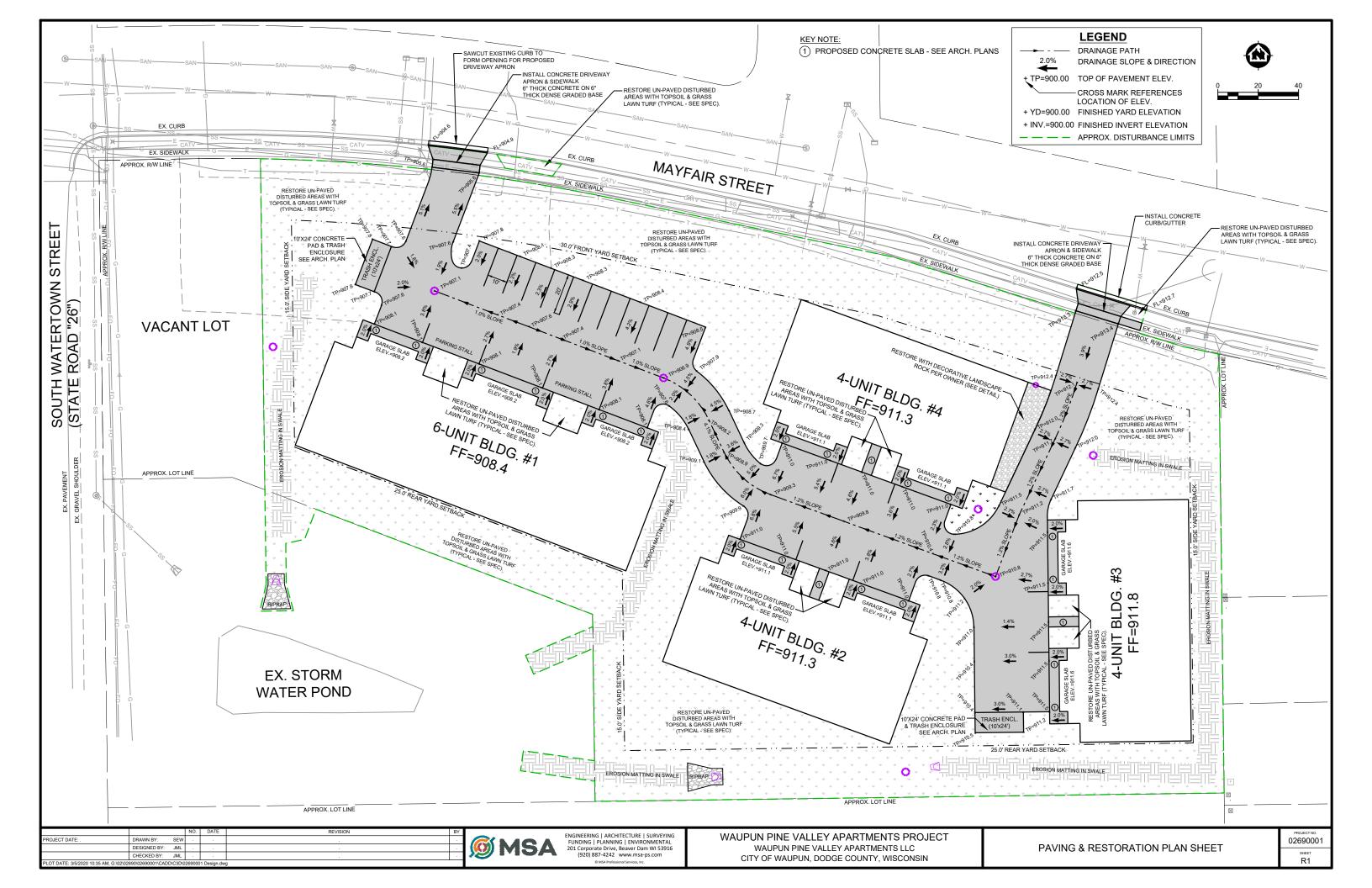
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GENERAL PROJECT NOTES: GENERAL TRAFFIC CONTROL NOTES: L ALL EXISTING UTILITES WITHIN THIS PLAN ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND NO RESPONSIBILITY IS ASSUMED BY THE ENGINEER OF CITY FOR THEIR ACCURACY OR DEGREE OF COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE, LOCATION, AND ELEVATION OF ALL UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGING ANY SUCH UTILITIES. THE CONTRACTOR SHALL IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE HIS/HER WORK TO MINIMIZE THE INCONVENIENCE TO THE DJACENT RESIDENTS AND BUSINESSES TO THE PROJECT SITE. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST TWO DAYS PRIOR TO CLOSING ANY SECTION OF STREET CONTACT DIGGER'S HOTLINE AT (800) 242-8511 PRIOR TO ANY CONSTRUCTION SO THAT THE SITE MAY BE MARKED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY UTILITIES. 2. ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE UNITED STATES DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD). THI CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC CONTROL DURING THE DURATION OF CONSTRUCTION. THE CONTRACTOR 2. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS ARE APPARENT, BRING TO ATTENTION OF THE JECT ENGINEER PRIOR TO CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR RE-DESIGN MAY OCCUI SHALL INSPECT ALL TRAFFIC CONTROL MEASURES DAILY AND PERFORM ANY NECESSARY MAINTENANCE OR ADJUSTMENTS BASED ON THE ACTIVITIES PLANNED. ADDITIONAL TRAFFIC CONTROL MEASURES NOT SPECIFIED WITHIN THE CONTRACT DOCUMENTS MAY BE REQUIRED 3. UNLESS SPECIFIED WITHIN THIS CONSTRUCTION PLAN, NO EXISTING TREES SHALL BE DISTURBED OR DAMAGED. THE OWNER, IN WRITING, MUST APPROVE DURING CONSTRUCTION BY THE OWNER AND ENGINEER (INCIDENTAL TO CONSTRUCTION) THE REMOVAL OF ANY EXISTING TREES IF THE CONTRACTOR BELIEVES THAT AN EXISTING TREE IS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. NO TREES OR TREE STUMPS SHALL BE BURIED ONSITE 3. AFTER ALL CONSTRUCTION RELATED ACTIVITIES ARE COMPLETED, THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL MEASURES. ANY DISTURBANCE OR DAMAGE RESULTING FROM THE REMOVAL OF THE TRAFFIC CONTROL MEASURES SHALL BE RESTORED OR REPAIRED 4 EXISTING KNOWN SURVEY MONUMENTS (SHOWN ON THE PLANS) ENCOUNTERED DURING CONSTRUCTION ARE TO BE PRESERVED AND LEFT TO THE SATISFACTION OF THE OWNER. A DAMING INVESTIGATION OF A DAME AND AND A DAME AND AND AND AND AND AND AND A **GENERAL GRADING NOTES:** REPLACEMENT BY A REGISTERED LAND SURVEYOR SHALL BE AT THE CONTRACTOR'S EXPENSE. ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, AND ANY CONDITIONS OF APPROVAL. 5. ELEVATIONS SHOWN WITHIN THIS PLAN REFERENCE THE NORTH AMERICAN VERTICAL DATUM 2. ALL PROPOSED GRADES SHOWN WITHIN THE PLANS ARE FINISHED GRADES. UNLESS SPECIFIED ON THE PLAN, THE CONTRACTOR SHALL CONSTRUCT/GRADE ALL CONCRETE, ASPHALT, AND GRASS AREAS TO A MINIMUM SLOPE OF 1.0%, 1.0%, AND 1.0%, RESPECTIVELY. THE 3. REFER TO THE PROJECT ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILS PERTAINING TO THE PROPOSED BUILDINGS, ASSOCIATED CHITECTURAL FEATURES, TRASH ENCLOSURE AREAS, AND SITE WORK SURROUNDING THE BUILDINGS MAXIMUM SURFACE SLOPE ACROSS HANDICAP PARKING STALLS AND WALKWAYS IN ANY DIRECTION SHALL BE 2.0% AND ACROSS HANDICAF ACCESSIBLE RAMPS SHALL BE 8.0%. THE MAXIMUM SURFACE SLOPE ACROSS THE PROPOSED PAVEMENT SHALL BE 6.0% UNLESS SPECIFIED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, PRIOR TO CONSTRUCTION, OF ANY AREAS WHICH DO NOT 7 THE CONTRACTOR SHALL COORDINATE WITH ALL PRIVATE UTILITIES (GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.) REGARDING THE LOCATION, SIZE DEPTH, ETC. OF EXISTING AND PROPOSED SERVICE LINES WITHIN THE PROJECT SITE. THE CONTRACTOR SHALL CORDINATE THE RELOCATION OF ANY PRIVATE UTILITIES THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL CAREFULLY WORK AROUND EXISTING UTILITY SATISFY THE ABOVE MENTIONED SLOPES. LINES. UTILITY POLES. UTILITY STRUCTURES. GUY WIRES, ETC. THAT ARE TO REMAIN UNDISTURBED. THE CONTRACTOR SHALL PROVIDE ANY NECESSARY 3. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE HIS/HER OWN COMPUTATIONS FOR DETERMINATION OF EARTHWORK AND TOPSOIL QUANTITIES PRIOR TO BIDDING. IT IS RECOMMENDED THAT EACH BIDDER VISIT THE SITE TO VERIFY THE EXISTING CONDITIONS. NO TEMPORARY SHORING OR OTHER MEASURES TO PROTECT THESE FEATURES DURING CONSTRUCTION ACTIVITIES. (ALL INCIDENTAL TO CONSTRUCTION) FERTILIZER, AND SEED CHANGES WILL BE MADE IN THE BID QUANTITY AMOUNT OR UNIT PRICE UNLESS CHANGES ARE MADE TO THE CONTRACT DRAWINGS AFTER GENERAL EROSION CONTROL NOTES: BIDDING OF THE CONTRACT. THE CONTRACTOR SHALL INSTALL ALL NECESSARY EROSION CONTROL MEASURES TO PREVENT EROSION ONTO THE ADJACENT PROPERTIES AND INTO THE ADJACENT EXISTING STREETS ADDITIONAL EROSION CONTROL NOT SHOWN ON THIS PLAN MAY BE REQUIRED BY THE ENGINEER AND/OR THE OWNER NO STOCKPILES (TOPSOIL OR EARTH MATERIAL) SHALL REMAIN AFTER ALL GRADING WORK IS COMPLETED UNLESS DIRECTED OTHERWIS UIRING CONSTRUCTION (INCIDENTAL). EROSION CONTROL AND SITE STABILIZATION MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE WISCONSIN DEPT. OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARDS, BY THE OWNER. IF AFTER THE COMPLETION OF ALL SITE GRADING AND SUBGRADE PREPARATION WORK THERE IS EXCESS FILL MATERIAL, THE CONTRACTOR SHALL HAUL/STOCKPILE THE MATERIAL AT A LOCATION(S) AS DESIGNATED BY THE OWNER OR DISPOSE OF THE MATERIA ANY LOCAL EROSION CONTROL ORDINANCES, AND ANY CONDITIONS OF APPROVAL. INSTALL EROSION CONTROL MEASURES PRIOR TO INITIATION OF ANY AS DIRECTED BY THE OWNER. IF THERE IS A SHORTAGE OF FILL MATERIAL. THE CONTRACTOR SHALL PURCHASE/IMPORT THE MATERIAL SITE WORK. SEE THE "CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS" LISTED ON THIS SHEET FOR FURTHER EROSION CONTROL REQUIREMENTS" FROM OFFSITE. ALL GRADING AND SUBGRADE PREPARATION WORK AS WELL AS ANY DISPOSAL OF EXCESS MATERIAL AND/OR IMPORTING OF MATERIAL SHALL BE INCIDENTAL TO THE UNCLASSIFIED EXCAVATION BID ITEM. 2. CONTRACTOR SHALL PROTECT ALL EXISTING AND PROPOSED INLETS, MANHOLES, DRAINAGE SWALES, CULVERTS, ETC. FROM SILTATION DURING CONSTRUCTION AND UNTIL FINAL STABILIZATION OCCURS (INCIDENTAL TO EROSION CONTROL).. 5. FILL PLACED WITHIN 10 FEET OR LESS FROM THE OUTSIDE EDGE OF A BUILDING SHALL BE SUITABLE EXCAVATED SOIL FREE OF ORGANIC DEBRIS, CLAY BALLS, AND AGGREGATE LARGER THAN 1.5-INCHES. THE FILL MATERIAL WITHIN THESE AREAS SHALL BE SPREAD AND COMPACTED UNIFORMLY IN 6-INCH TO 8-INCH MAXIMUM LIFTS TO AT LEAST 95 PERCENT MAXIMUM DRY DENSITY PER MODIFIED PROCTOR ALL EROSION CONTROL MEASURES AND STRUCTURES SHALL BE INSPECTED, MAINTAINED, AND DOCUMENTED BY THE CONTRACTOR (WEEKLY AND WITH (ASTM D1557). ALL OTHER FILL AREAS WITHIN THE PROJECT SITE SHALL BE SPREAD AND COMPACTED IN 12-INCH MAXIMUM LIFTS TO AT 24 HOURS AFTER A PRECIPITATION EVENT 0.5 INCHES OR GREATER) IN ACCORDANCE WITH THE WISCONSIN D.N.R. STORM WATER DISCHARGES ASSOCIATED WITH LAND DISTURBING CONSTRUCTION ACTIVITIES GENERAL PERMIT. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME LEAST 93 PERCENT DRY DENSITY PER MODIFIED PROCTOR (ASTM D1557). DEPENDING ON BLANKET TYPE. THESE INSPECTIONS SHALL BE DOCUMENTED BY THE CONTRACTOR AND AVAILABLE TO THE ENGINEER AND/OR OWNER UPON REQUEST. THIS WORK SHALL GENERAL UTILITY NOTES: BE CONSIDERED INCIDENTAL TO CONSTRUCTION OR INCLUDED IN THE CORRESPONDING EROSION CONTROL PRICE BID (IF APPLICABLE). ALL PROPOSED UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE REQUIREMENTS OF THE CITY, THE LATEST EDITION OF THE WISCONSIN STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION (FOR SANITARY & WATER), THE LATEST EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BACK OF CURB -OVERLAP ONTO CURB _ _ _ _ _ _ _ _ BRIDGE CONSTRUCTION (STORM), AND ANY CONDITIONS OF APPROVAL. 2. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION AS MEASURED BY THE FIELD ENGINEER AND THE CONTRACTOR SHALL BE PAID ACCORDING TO THE LENGTH OF PIPING INSTALLED. DIRECTION OF FLOW 3. A 7.0 FEET DEPTH OF COVER OVER ALL NEWLY INSTALLED WATERMAIN IS DESIRED AND SHALL BE MAINTAINED UNLESS FIELD CONDITION PROHIBIT. THE CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF COVER OF 5.0 FEET UNLESS DIRECTED OTHERWISE BY THE OWNER. ALL NEWLY INSTALLED WATERMAIN WITH COVER LESS THAN 7.0 FEET SHALL BE INSULATED ACCORDING TO THE SPECIFICATIONS AND INSULATION DETAIL. INSULATION SHALL ALSO BE INSTALLED AT ALL LOCATIONS WHERE STORM SEWER CROSSES THE WATER MAIN, WATER SERVICES, AND HYDRANT LEADS. MINIMUM VERTICAL SEPARATION DISTANCE WHERE WATERMAIN CROSSES OVER SEWERS IS 6 INCHES. MINIMUM VERTICAL SEPARATION DISTANCE WHERE WATERMAIN CROSSES UNDER SEWERS IS 18 INCHES. INLET SPECIFICATIONS AS PER THE PLAN DIMENSION LENGTH . THE PROPOSED WATERMAIN SHALL BE INSTALLED AT LEAST 8 FEET HORIZONTALLY FROM ANY SANITARY SEWER OR STORM SEWER. THE 1' MIN AND WIDTH TO MATCH DISTANCE SHALL BE MEASURED CENTER OF PIPE TO CENTER OF PIPE. 3' MAX 5. THE CONTRACTOR SHALL COORDINATE SANITARY AND WATER LATERAL LOCATIONS WITH THE OWNER AND THE BUILDING PLANS PRIOR TO CONSTRUCTION. UNLESS DIRECTED OTHERWISE BY THE OWNER, THE CONTRACTOR SHALL STUB THE SANITARY AND WATER LATERALS APPROXIMATELY 5 FEET FROM THE PROPOSED BUILDING LOCATION AND MARK ALL STUBS WITH A 2'x4' EXTENDING A MINIMUM OF 2 FEET ABOVE THE FINISHED GROUND SURFACE. 3. TRACER WIRE SHALL BE INSTALLED ALONG ALL SANITARY SEWER. SANITARY LATERALS, WATERMAIN, AND WATER SERVICES (INCIDENTA) SOCKS FILLED WITH SAND (OVERLAP ENDS) TO THE SPECIFIC PIPING). TRACER WIRE SHALL BE SURFACED AT ALL SANITARY MANHOLES, HYDRANTS, WATER SERVICE VALVES (TO BUILDINGS), AND SANITARY LATERAL TRACER WIRE TERMINAL BOXES. GENERAL NOTES: ALL SAWCUTTING, BENDS, FERNCO CONNECTORS, FITTINGS, AND OTHER MATERIALS NOT SPECIFICALLY ITEMIZED ON THE BID BUT NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM AND TO MAKE A WATERTIGHT CONNECTION TO THE EXISTING SANITARY OR WATER PIPING SHALL BE INCIDENTAL TO CONSTRUCTION. ALL PROPOSED SANITARY SEWER AND WATER PIPING CONNECTIONS INTO EXISTING 1. DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS PIPING OR STRUCTURES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL EXISTING SANITARY SEWER AND WATER PIPE ABANDONMENT AS WELL AS THE REMOVAL OF EX. MANHOLES, HYDRANTS, VALVE MANHOLES, AND VALVE BOXES THAT ARE NO LONGER IN USE SHALL BE INCIDENTAL TO CONSTRUCTION. ALL EXISTING SANITARY OR WATER PIPING TO BE ABANDONED SHALL BE MADE BY COMPLETELY FILLING 2. ALTERNATIVE MATERIALS PLANNED BY THE CONTRACTOR SHALL BE APPROVED BY THE CITY AND ENGINEER PRIOR TO INSTALLATION **GEOTEXTILE** TEMPORARY EROSION BARRIER DETAIL EACH END OF THE PIPE WITH POUR-IN-PLACE CONCRETE. FABRIC, TYPE FF 8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS (SHORING, BRACING, ETC.) AND SHALL CAREFULLY INSTALL THE NEW SANITARY SEWER, WATER, AND STORM SEWER IMPROVEMENTS SO AS NOT TO DISTURB ANY EXISTING PRIVATE UTILITY STRUCTURES OR NO SCALE PIPING AS WELL AS TO PREVENT ANY DISTURBANCE TO EXISTING SITE FEATURES THAT ARE TO REMAIN UNDISTURBED. ANY DISTURBANCE FRONT, BACK, AND BOTTOM OR DAMAGE (AS DETERMINED BY THE OWNER) SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE TO BE MADE FROM SINGLE WOSTURBED HARD SURFACE PUBLIC ROAD PIECE OF FABRIC. GENERAL PAVING NOTES: 1. ALL PROPOSED PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE MINIMUM DOUBLE STITCHED REQUIREMENTS OF THE CITY, THE LATEST EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY SEAMS ALL AROUND SIDE AND BRIDGE CONSTRUCTION, AND ANY CONDITIONS OF APPROVAL PIECES AND ON FLAP POCKETS 2. ALL PROPOSED GRADES SHOWN WITHIN THE PLANS ARE FINISHED GRADES. UNLESS SPECIFIED ON THE PLAN, THE CONTRACTOR SHALL CONSTRUCT/GRADE ALL CONCRETE, ASPHALT, AND GRASS AREAS TO A MINIMUM SLOPE OF 1.0%, 1.0%, AND 1.0%, RESPECTIVELY. THE LIMIT OF DISTURBANCE MAXIMUM SURFACE SLOPE ACROSS HANDICAP PARKING STALLS AND WALKWAYS IN ANY DIRECTION SHALL BE 2.0% AND ACROSS HANDICAP ACCESSIBLE RAMPS SHALL BE 8.0% THE MAXIMUM SURFACE SLOPE ACROSS THE PROPOSED PAVEMENT SHALL BE 6.0% UNLESS SPECIFIED THERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, PRIOR TO CONSTRUCTION, OF ANY AREAS WHICH DO NOT

SATISFY THE ABOVE MENTIONED SLOPES.

INSTALLATION NOTES:

VEHICLE TRACKING PAD

NO SCALE

3"-6" WASHED ROCK

DRAMN BY

CHECKED BY:

DESIGNED BY: JML

SEW

JML

AND NOTES

Ø MSA

AREAS

ENGINEERING | ARCHITECTURE | SURVEYING FUNDING | PLANNING | ENVIRONMENTAL 201 Corporate Drive, Beaver Dam WI 53916 (920) 887-4242 www.msa-ps.com

3. ALL SAWCUTTING OF EXISTING ASPHALT AND CONCRETE SHALL BE INCIDENTAL TO PAVING.

SPECIFICATIONS, THE REQUIREMENTS OF THE CITY, AND ANY CONDITIONS OF APPROVAL

GENERAL RESTORATION NOTES: 1. ALL PROPOSED RESTORATION SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT

2. ALL DISTURBED OPEN SPACE AREAS SHALL BE TOPSOILED (MINIMUM 6" THICK), SEEDED, FERTILIZED, AND MULCHED IN ACCORDANCE

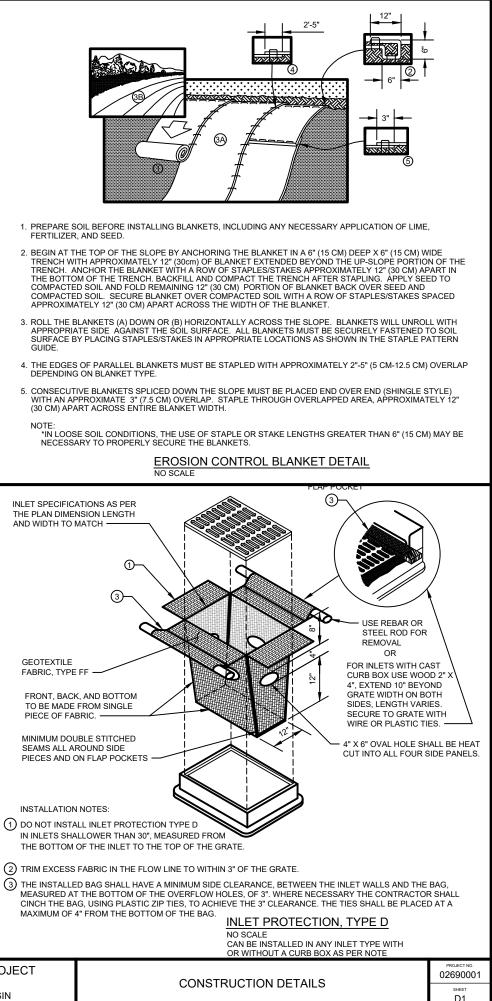
WITH THE CONSTRUCTION PLANS, THE PROJECT SPECIFICATIONS, AND THE WISCONSIN DNR CONSERVATION PRACTICE STANDARD 1059.

WORK OUTSIDE OF PROJECT PROPERTY NOTES: 1. ALL DISTURBANCE WITHIN THE EXISTING RIGHT-OF-WAY OF MAYFAIR STREET SHALL BE KEPT TO A MINIMUM. ALL PAVEMENT, GRASS AREAS, ETC. DISTURBED WITHIN THESE AREAS DURING CONSTRUCTION SHALL BE RESTORED EQUAL TO OR BETTER THAN

PRE-CONSTRUCTION CONDITIONS AND TO THE SATISFACTION OF THE CITY. EXISTING GRAVEL BASE AND PAVEMENT DISTURBED WITHIN THE EXISTING STREET SHALL BE RESTORED WITH EQUAL THICKNESS AND WORKMANSHIP TO EXISTING CONDITIONS. THE CONTRACTOR SHALL

COORDINATE WITH THE CITY STAFF REGARDING BACKFILL AND COMPACTION REQUIREMENTS FOR ANY WORK PERFORMED WITHIN THESE

WAUPUN PINE VALLEY APARTMENTS PROJECT WAUPUN PINE VALLEY APARTMENTS LLC CITY OF WAUPUN, DODGE COUNTY, WISCONSIN



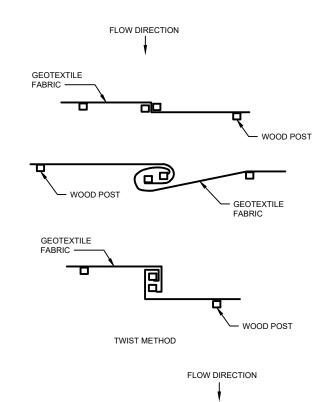
CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

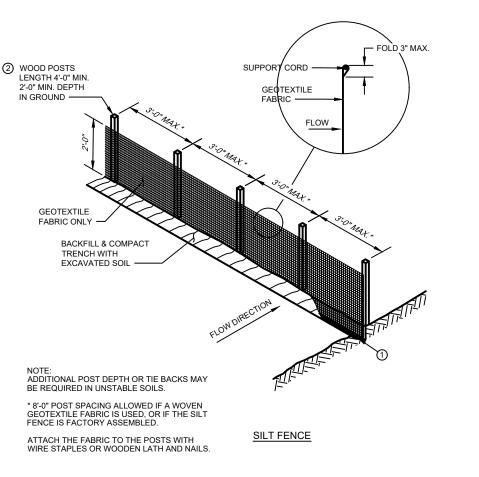
- 1. SECTION NR216.46 OF WISCONSIN STATE ADMINISTRATIVE CODE IDENTIFIES REQUIREMENTS FOR CONSTRUCTION SITE AND POST-CONSTRUCTION EROSION CONTROL. IT IS THE INTENT OF THESE PLANS TO SATISFY THESE REQUIREMENTS. THE METHODS AND STRUCTURES USED TO CONTROL EROSION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. 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 AD ACENT 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 WONR 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.

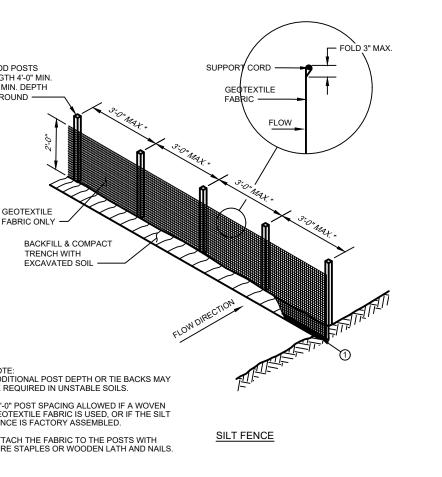
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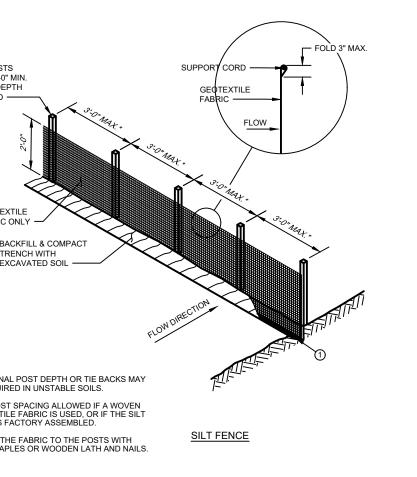
JML

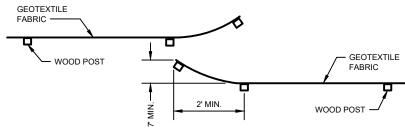
DESIGNED BY: JML



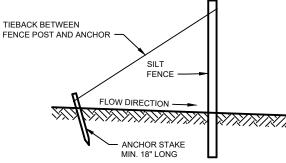




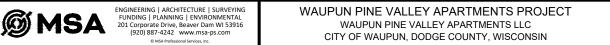




JOINING TWO LENGTHS OF SILT FENCE 3



SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER



XIXIXIXI,

HOOK METHOD

GENERAL NOTES

TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

2. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 ¹/₈" x 1 ¹/₈" OF OAK OR HICKORY.

3. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.

