



URBAN FORESTRY COMMISSION MEETING AGENDA

January 23, 2025 at 3:00 PM

Council Chambers at City Hall - 1123 W. Lake St. Sandpoint, Idaho

Call to Order

Roll Call

Meeting Minutes Approval

- [1.](#) Approval of Minutes from the Commission's December 3, 2024, Meeting - **action item**

Old/Unfinished Business

New Business

- [2.](#) Discuss Definition for Heritage Trees in Sandpoint
- [3.](#) Review and Discuss Arboricultural Manual
- [4.](#) Review Cedar Street 75% Drawings and the Effects on ROW Trees

Roundtable

Adjourn

Public Participation Options and Information

Before the meeting, comment in writing: Email cityclerk@sandpointidaho.gov or deliver to City Hall.

Attend in person: See above for meeting location. Seating available on first-come, first-served basis. Chambers overflow areas offer live meeting audio/video.

Attend remotely: Register at <https://www.sandpointidaho.gov/your-government/meetings>.

After the meeting, view the recording on YouTube: <https://www.youtube.com/c/CityofSandpoint>.

Contact the City Clerk with questions or requests for special accommodation: Email address above or call (208) 263-3310. Assisted listening devices available in chambers for use during public meetings.



URBAN FORESTRY COMMISSION MEETING MINUTES

December 03, 2024 at 10:00 AM

Council Chambers at City Hall - 1123 W. Lake St. Sandpoint, Idaho

Call to Order

Following a welcome from Mayor Jeremy Grimm, the City's Urban Forester, Erik Bush, staff liaison to the Commission, called the meeting of the Sandpoint Urban Forestry Commission to order at 10:04 a.m. on Tuesday, December 3, 2024, in Council Chambers at City Hall, 1123 W. Lake Street, Sandpoint, Idaho.

Roll Call

PRESENT

Mose Dunkel
Chase Youngdahl
Geoff Gregory
Paige Belfry
Preston Andrews

Also present were City Councilor Kyle Schreiber, who will serve as Council liaison to the Commission, City legal counsel Zachary Jones, Public Works Department Administrative Assistant Samantha Branscome, serving as clerk to the Commission, and City Clerk Melissa Ward.

The Commissioners each introduced themselves and provided information on their experience and background and reasons for wanting to participate as a member of the Commission.

Mr. Bush noted that the goal is to keep Commission meetings to no longer than 90 minutes.

Meeting Minutes Approval – none

Old/Unfinished Business – none

New Business

3. Orientation and Training

Mr. Jones provided training and an overview of the State of Idaho Open Meetings, Public Records, and Ethics in Government laws, and Ms. Ward reviewed the Sandpoint Citizen Advisory Board Handbook. Mr. Bush reviewed the list of the Commission's duties, as reflected in Sandpoint City Code, as well as a categorized overview he had prepared that provides additional information and expands upon the Commission's role, duties and activities.

Commission members were encouraged to obtain and provide City staff with an email address to be used exclusively for commission/city related business.

4. Election of Board Chair

Nomination and election of Commissioner Dunkel to serve as Board Chair. No additional nominations.

Motion made by Youngdahl, Seconded by Andrews.

Voting Yea: Dunkel, Youngdahl, Gregory, Belfry, Andrews

5. Election of Board Vice Chair

Commissioner Andrews declined a nomination to serve as Vice Chair.

Nomination and election of Commissioner Youngdahl to serve as Board Vice Chair. No additional nominations.

Motion made by Dunkel, Seconded by Gregory.

Voting Yea: Dunkel, Youngdahl, Gregory, Belfry, Andrews

6. Selection of Regular Meeting Day / Time

Following discussion, the Board selected the fourth Thursday of the month at 3:00 p.m. as their regular meeting day/time.

Motion made by Dunkel, Seconded by Belfry.

Voting Yea: Dunkel, Youngdahl, Gregory, Belfry, Andrews

The next meeting is scheduled for Thursday, January 23, 2025, at 3:00 p.m. in Council Chambers at City Hall.

Board Roundtable

- 7. The Commissioners touched on a number of forestry/tree related topics during their roundtable discussion, with Mr. Bush fielding questions of a general nature. Information only; no Commission action.

Adjourn

With no further business before the Commission, the meeting adjourned at 11:31 a.m.

I presided over this meeting and confirm that these minutes, prepared by Board clerk, were approved by the Sandpoint Urban Forestry Commission on _____, 2025.

Erik Bush, City Urban Forester

Attest: Samantha Branscome, Board Clerk

Item # 2.

OUTSTANDING
TREES
OF SANDPOINT, IDAHO



INTRODUCTION

Two former outstanding trees are portrayed on the front and back of this booklet cover. They are no longer with us. Both the **black cottonwood** (*Populus trichocarpa*) on the front cover and the **golden weeping willow** (*Salix alba var. tristis*) on the back cover were cut down to make room for the Sand Creek Bypass and for new commercial developments, respectively.

Those two trees were outstanding because they served people for decades. At least two generations of children – and some brave adults – swung out and over and into Sand Creek from a rope swing on the cottonwood. The willow used to serve mothers who would bring their kids to play under the tree's nurturing canopy. Before that, the tree served as a sentinel to the homes of Humbird Lumber Mill workers at the crossroads of Larch and Boyer.

Although those trees are gone, we have the opportunity to appreciate many other outstanding trees in the Sandpoint area. And, we should do so before they pass. The sole intent of this booklet of outstanding trees is to encourage people to pay attention to the arboreal beauty around them and to feel gratitude. We don't intend the booklet to be an identification guide, but we hope the accompanying text helps you appreciate each tree and encourages you to visit them.

The 2009 Sandpoint Tree Committee worked many months on this project. So many good candidates for outstanding trees exist in the Sandpoint area that it made it difficult to select the most qualified trees. We based decisions on one or more of these criteria:

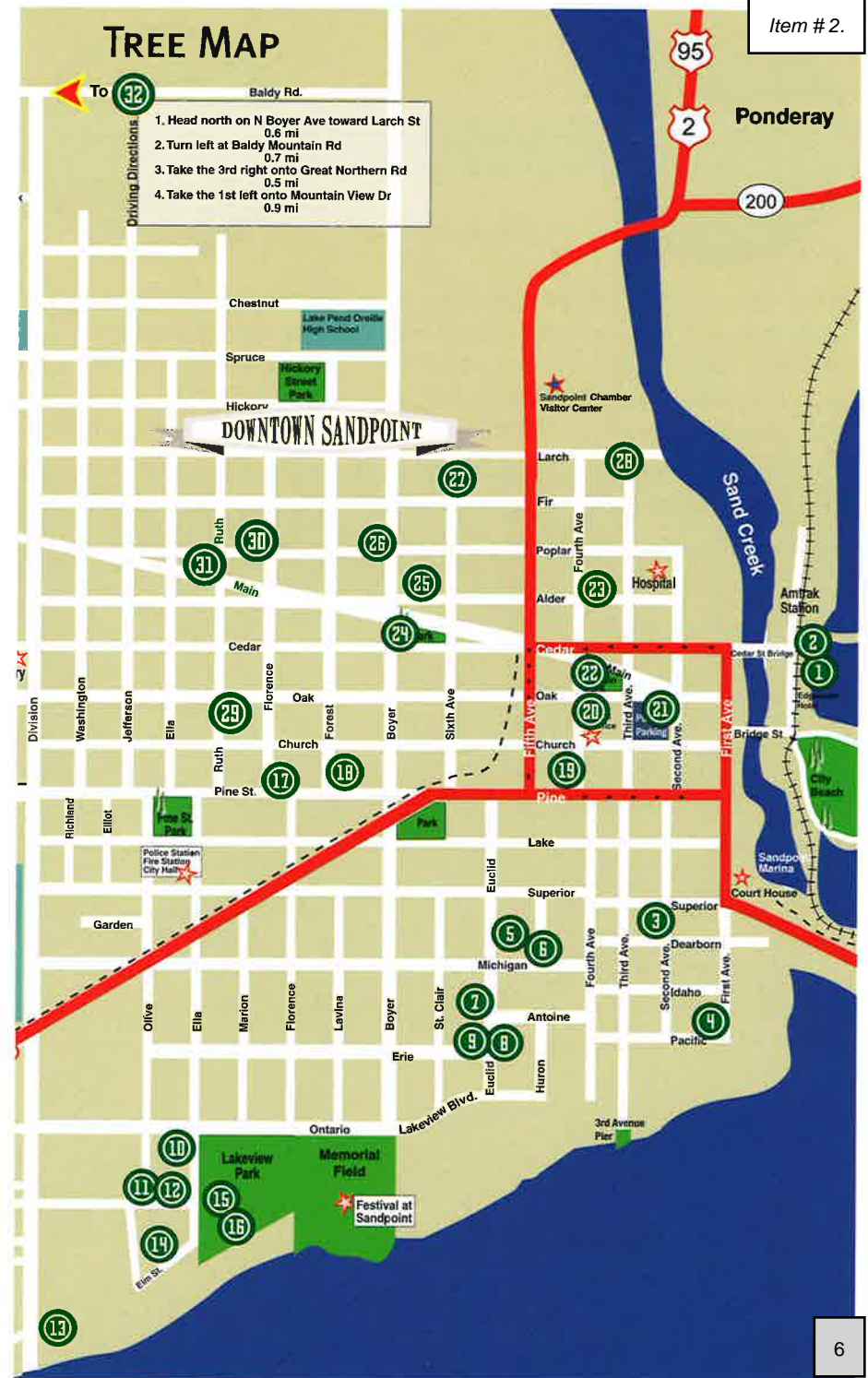
- Does the tree have a remarkable or striking aesthetic presence?
- Is it unique?
- Is it a tree that has reached its potential without being significantly compromised by humans or the elements?
- Is the tree representative of a popular or useful species in our area?
- Is the tree easy to see from a public right-of-way? (Many outstanding trees grow in backyards and cannot be easily seen from the road.)
- Does it have an interesting history?



First Place Winner of the First Annual Tree Photography Contest
PAT DAVIDSON, Sandpoint

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1. Bartlett Pear

Pyrus communis

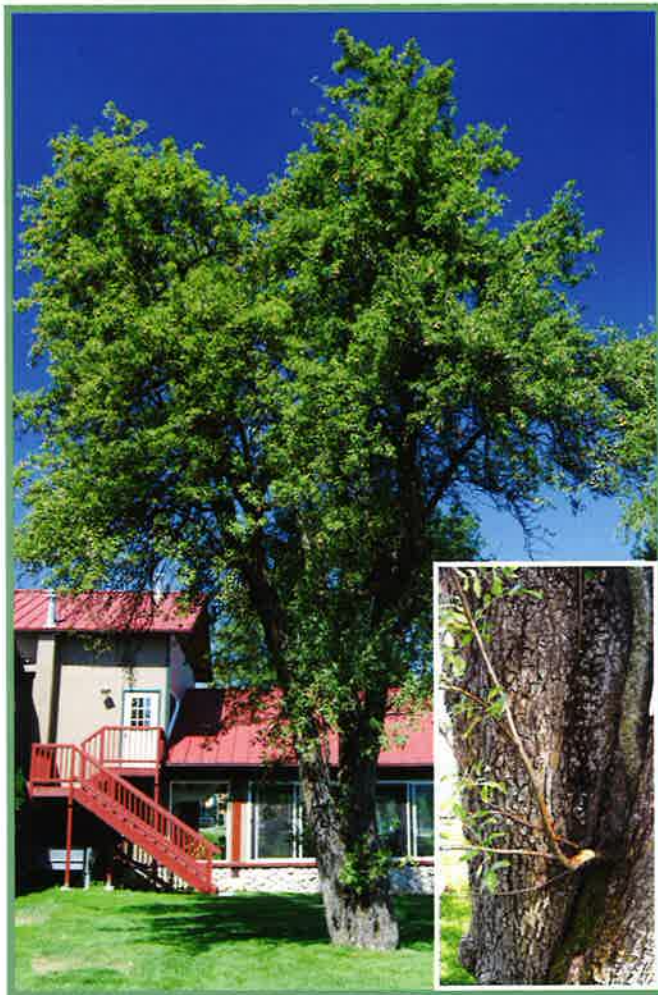


City Beach in front of Edgewater Resort

Cultivated for nearly 4,000 years, pears have been known to man since ancient times. They originated in Asia and spread throughout Europe during the Roman Empire. Cultivated as a soft fruit in the 17th and 18th centuries in Europe, the **Bartlett** originated in Berkshire, England, as the “Williams” pear. It then was transplanted to the United States and “rebranded” by Enoch Bartlett in 1812 in Massachusetts. The **Bartlett** traveled west with the covered wagons looking for gold in California.

Bartlett pear trees are often in production for an average of 50 to 75 years, although some trees still produce fruit after 100 years.

We believe this particular pear is at least 80 years old and may have been planted by an early householder living near the water. It is much larger and taller (at least 40 feet) than normal, indicating it has enjoyed where it has put roots down. It is still producing sweet fruit.



2. American Elm

Ulmus americana



Item # 2.

City Beach in front of Edgewater Resort

Many **American elms** grow throughout Sandpoint, including this statuesque beauty at Sandpoint City Beach. The elm grows to a relatively large size, up to 80 feet tall and 50 feet wide. Its spreading shape with arching crown has made it a favorite shade or landscape tree, especially in the Northeast and Midwest where it once was the predominant tree lining many city streets. It was also a common native forest tree over much of the eastern United States. With the introduction of Dutch Elm disease, the **American elm** has been devastated throughout much of the United States. Fortunately, the fungus and its insect carriers have not yet reached Sandpoint.

Two other beautiful elms are in the 300 block of South Boyer on private property.



3. Flowering Dogwood

Cornus florida



308 South Second Avenue

Native to North America, this small deciduous tree grows to 33 feet in height and has a broad, rounded crown. **Flowering dogwood** is highly valued as an ornamental and was first cultivated in 1731. At least 20 cultivars are now available. Showy blossoms and attractive fall foliage (see circular insert) contribute to its year-round beauty. The eye-catching form and upturned branches make this tree attractive in the winter landscape. **Dogwood** grows naturally at the edge of woods or in the shade of many deciduous or evergreen trees. They bloom most profusely in full sun, shaded only during the hottest part of the day.

Wood of **flowering dogwood** is hard, strong, heavy and fine-grained. It has been used to make a variety of specialty items such as golf club heads, turnery, roller-skate wheels, jeweler's blocks, knitting needles and woodcut blocks.

Former Ponderay Postmaster Louise Thompson retired to this house in the 1970s and planted the dogwood.



4. Butternut*

Juglans cinerea

Item # 2.



510 South First Avenue

The **butternut** tree is part of the walnut family. **Butternuts** are best known for their sweet nuts, a treat for man and animal. Their leaves are compound and fuzzy on the underside.

Butternuts can grow to 60 feet tall and have a deep, wide-spreading root system. They are considered short-lived for a large tree, reaching only 75 years old. The tree at this site was already large when the owners purchased their home in 1955, but it appears to be in very good health.

Butternuts grow best in deep, moist, well-drained soils of fine to medium texture. They do not tolerate shady sites, though this tree is doing well in a dense canopy of trees. **Butternuts** are native in the Northeast and Midwestern areas of the United States. This specimen was nominated by the late Dorothy Farmin.



5. English Hawthorn

Crataegus laevigata



329 South Euclid Avenue

The name hawthorn comes from “haw,” the archaic word for berry, and the large thorns this plant bears. This **English hawthorn** is the cultivar “Paul’s Scarlet,” as are many hawthorns in Sandpoint. Flowers are double, red with a tinge of rose and the showiest of all the hawthorns. The tree is low branching and round-topped with a dense crown of thorny branches. It grows to about 15 to 20 feet tall with a spread of 12 to 18 feet, making it suitable for small spaces or under utility lines. Although a beautiful little tree, it is lacking in fall foliage color.

English hawthorns are native throughout Europe. They appreciate full sun and are tolerant of most soil conditions. They need spring pruning to control sucker growth. Birds are attracted to the berries and like to shelter in the dense canopy.



6. Japanese Maple*

Acer palmatum

Item # 2.

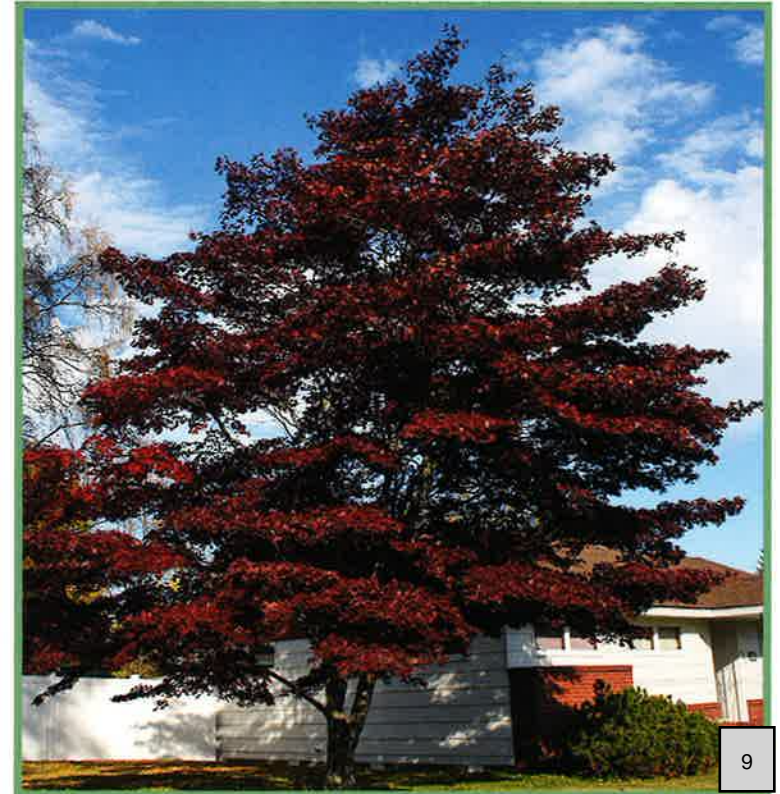


422 Michigan Street

Cultivated by the Japanese for centuries, this tree is valued for its finely lobed, purple leaves that provide light shade in the summer and brilliant orange to scarlet color in the fall. **Japanese maples** prefer moist, loose soil and grow best with northern or eastern filtered sun exposure. Young trees should be wrapped if exposed to winter sun.

The **Japanese maple** is hardy to USDA zone 5, meaning that it must be ideally protected from winter winds. They don’t often grow taller than 15 feet, which makes this particular tree so special. It’s taller and wider than most we see in Sandpoint.

When the owners of this tree built their home here in 1959, there were two **Japanese maples** on the front lawn. The husband died in 1970, and both trees died as well that year. His family decided to replace the trees with the same species and did so that year. There were no tree nurseries in Sandpoint at that time, so his widow had to haul it home in the back seat of her car.



7. Purple Leaf Plum

Prunus cerasifera



410 South Euclid Avenue

The **purple leaf plum** is a small, deciduous tree commonly planted for its deep reddish-purple leaves and showy white or pink spring bloom. The foliage retains its color through the fall until leaves drop. It was introduced to France from Persia in the 1880s by M. Pissard as the cultivar "Atropurpurea." There are several cultivars available now, all derived from this original, purple-leaved form. Although widely planted here in Sandpoint, **purple leaf plums** are not always hardy in extreme cold. The fruit are edible, though small, and are eaten by birds. Their small size (15 to 28 feet high) makes them a good choice under power lines. The tree prefers full sun to light shade and well-drained, moist soils.



8. Grand Fir

Abies grandis

Item # 2.



431 South Euclid Avenue

Also known commonly as white fir, silver fir or stinking fir, the **grand fir** is a common tree to the Pacific Northwest and was also important to the American Indians. They used its aromatic properties to create incense and its needles to make medicinal tea for colds. The soft wood of the **grand fir** is used today for pulp, in plywood, and for various kinds of rough construction. Given its thick foliage, symmetry, fragrance and deep green color, the **grand fir** is a preferred Christmas tree. In fact, the Panhandle area produces the most **grand fir** Christmas trees in all of Idaho.

This magnificent **grand fir** was probably a sapling when the loggers of the late 19th century finished their work. By 1910, when the current residence was constructed, it was a young tree. Since then, it has grown to 4 feet in diameter and more than 100 feet tall, a representative remnant of the native forest that once flourished here.



9. European Mountain Ash

Sorbus aucuparia



436 South Euclid Avenue

The **European mountain ash** is a favorite of many people in Sandpoint and of migratory birds. The tree bears great clusters of small white flowers in spring. Glossy fern-like foliage turns impressive shades of red and orange in the fall. Clusters of bright orange-red fruit remain on the tree throughout the winter, particularly attractive when capped with snow. Migratory birds such as robins, waxwings and grosbeaks find the fruit delightful, demonstrating their enjoyment in

occasional feeding frenzies. These medium-size trees are adaptable to many soil types but prefer acidic soil, full sun and cool climates. Unfortunately, they are susceptible to fire blight and sapsuckers, but this tree obviously has done quite well.



10. Sugar Maple*

Acer saccharum

Item # 2.



602 South Ella Avenue

Native to the hardwood forests of northeastern North America, the **sugar maple** is sometimes called hard maple or rock maple and is one of the largest and more important of the hardwoods. Fall color is spectacular, ranging from bright yellow to orange to fluorescent red-orange. **Sugar maple** is often confused with the Norway maple, though they are not closely related within the genus. **Sugar maple** is most easily identified by clear sap in the leaf petiole, brown sharp-tipped buds and shaggy bark on older trees. It is best known for the sweet syrup and sugar distilled from its sap. The trees are "tapped" in the late winter as the sap begins to rise. It takes between 30 and 40 gallons of sap to yield one gallon of maple syrup.



11. Tulip Tree*

Liriodendron tulipifera



1104 Birch Street

Also known as tulip poplar or yellow poplar, this tree is unrelated to poplars but, in fact, is in the magnolia family. **Tulip tree** is native to eastern North America. It is easily recognized by its distinctive, four-lobed leaves. It bears large, tulip-shaped, fragrant flowers in spring which are greenish yellow with orange markings inside. The tallest of the eastern North American deciduous trees, with some more than 150 feet, it has been widely planted as an ornamental tree throughout North America and in Europe. The **tulip tree** makes a large specimen

tree for parks and large properties. Although often planted as a street tree, it is not really a good choice for this purpose, having little resistance to pollution and soil compaction. This tree was planted by the original homeowner and former mayor, Marion Ebbett, in 1956.

There is another great specimen at 405 Church Street.



12. Honey Locust*

Gleditsia triacanthos



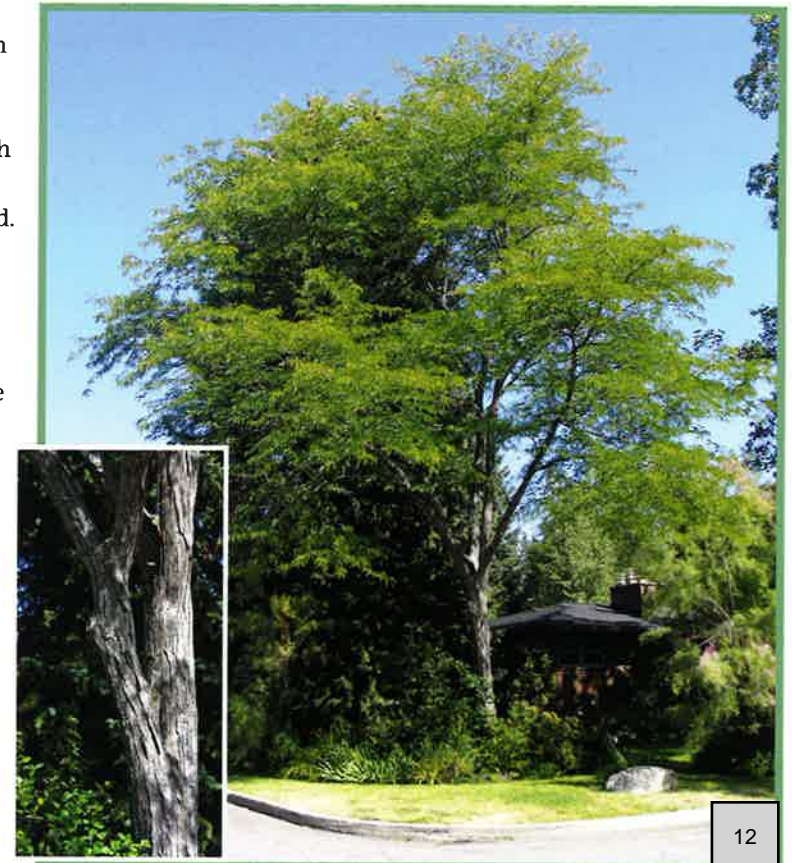
Item # 2.

1104 Birch Street

The **honey locust** is fairly unique in producing a light shade that allows a lawn to grow beneath. The leaves are doubly compound and divided into many small leaflets which, when shed in fall, require a minimum of raking. Mature trees produce large, brown pods that some people find objectionable. The **honey locust** derives its name from these pods, which contain a sweet, gummy substance.

Honey locust is native to the central United States and is a widely planted street tree because of its spreading canopy and tolerance of poor soils, heat and drought.

Size varies widely but is usually in the range of 30 to 70 feet tall with a comparable spread. Growth is rapid, as a young tree will grow 2 feet or more per year over a 10-year period. This tree was also planted by Marion Ebbett, the original homeowner, in 1956.



13. Western Larch

Larix occidentalis



Lakeview Cemetery, south end of Division

Also known as tamarack, **western larch** is native to western North America. These long-lived trees (500 years is not unusual) were catalogued by the Lewis and Clark expedition. It is a large, deciduous conifer with a narrow conical crown bearing light green needles that turn a brilliant gold in the fall. This tree grows best in full sun and in its native habitats may be found in pure stands. It is prized as strong lumber as well as for firewood. American Indians used burls from older trees to make pots, and the gummy resin produced under the bark was used to heal cuts and bruises, chewed to ease sore throats, and even brewed into tea to relieve coughs and colds.

These larches live at the Lakeview Cemetery located at the south end of Division off Highway 2, next to Lake Pend Oreille. Formed in 1903, the cemetery holds the burial plots of the people who helped create Sandpoint. There are many other outstanding trees to see at Lakeview Cemetery.



14. White Oak

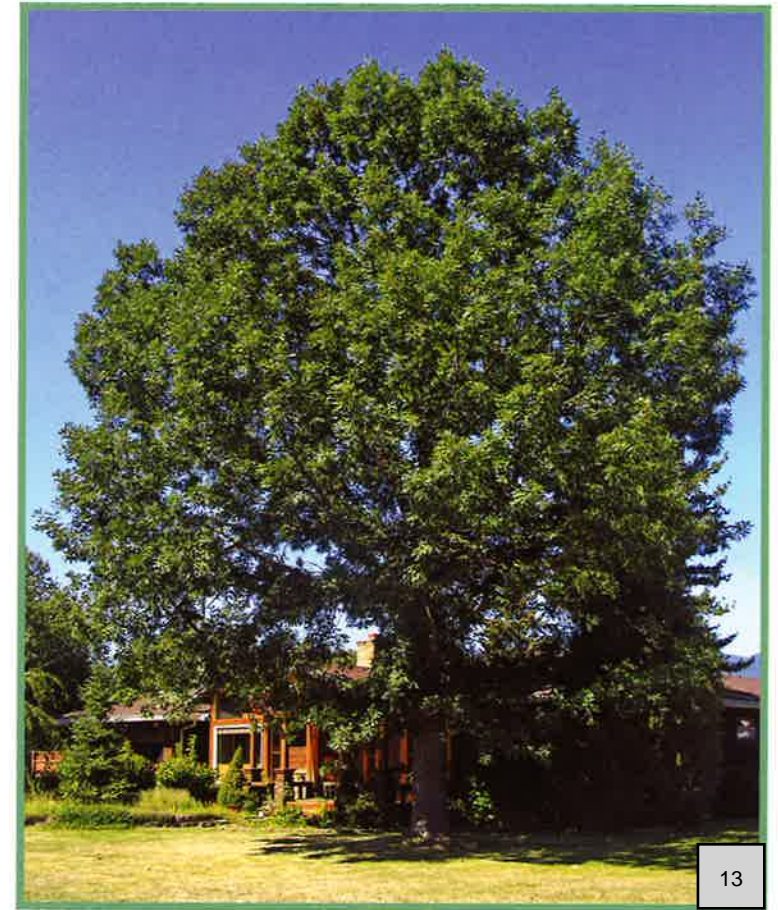
Quercus alba

Item # 2.



1108 Elm Street

Although called **white oak**, it is unusual to find an individual **white oak** with white bark; the usual color is an ashen gray. **White oak** is a long-lived species native to eastern North America. Though not a very tall tree (typically reaching heights of 65 to 85 feet), it nonetheless becomes quite massive with lower branches reaching far out and parallel to the ground. The leaves have rounded lobes, which distinguishes it from other oaks such as red, scarlet and pin oaks. Leaves emerge a delicate silvery pink in spring, become deep glossy green in summer and turn an unusual wine-red in autumn. The **white oak** makes an outstanding shade tree with its wide spread and it almost never drops limbs. Its wood is the most valuable of all the oaks, prized for its density, strength and resiliency.



15. Native Plant Arboretum



South side of Lakeview Park

The Native Plant Arboretum, an ongoing educational project of the Kinnikinnick Native Plant Society, was founded in 1999. One of the reasons that the founders chose this spot was the presence of so many mature native trees, now more than 100 years old. The site features seven different areas of native plants – from subalpine to meadow to dry forest habitats. Also noteworthy are the trees surrounding the arboretum at Lakeview Park. There are about 61 **river** or **western paper birches** (diameters up to 26 inches), 55 **western red cedars**, 25 **Douglas firs** (diameters up to 28 inches), four **grand firs**, six **subalpine firs** and about 50 **ponderosa pines** with trunk diameters up to 36 inches.



16. Western Red Cedar

Thuja plicata



Native Plant Arboretum at Lakeview Park

Western red cedar is an evergreen native to the coastal and Inland Northwest which occurs both naturally and as a planted tree in Sandpoint. Mature trees can exceed 500 years old and grow to heights of more than 150 feet with a crown spread greater than 50 feet. With trunks growing well over 10 feet across, it is easily the most massive tree found in northern Idaho. They have beautiful, lacy, dark green foliage with many little cones. The tree can tolerate a relatively wide range of soil conditions, though it prefers somewhat moist and heavier soils. The soft, brown wood is valued for its resistance to decay and is used as fence posts, decks, shingles, and siding.

Although cedars abound in the forests around Sandpoint and some big specimens may be found in back yards, the best place to see the **western red cedar** is in our arboretum at Lakeview Park. This location contains 58 **western red cedars**, more than half of which have trunks with diameters larger than 2 feet.



17. Golden Weeping Willow

Salix x sepulcralis 'Chrysocoma'



1020 Pine Street

The willow at this address is a fabulous example of what this tree can become if it is well-cared for. The owners spend hours in trimming and caring for this tree. Willows are a popular tree in Sandpoint.

Golden weeping willows can reach heights of 50 to 70 feet and develop a massive trunk. The light-green leaves are born on long, pendulous, yellow stems.

The tree grows quickly into a lovely, weeping form. It requires damp soil and can tolerate wet conditions. Unfortunately, branches tend to be brittle and are easily broken in wind or snow-storms.

Good for a large lawn, the tree's roots can reach far in search of water and may begin to grow at or near ground surface; therefore, it is prohibited as a street tree. This willow is a hybrid of white willow and Peking willow.



18. Ponderosa Pine*

Pinus ponderosa

Item # 2.



723 Church Street, on Forest Avenue

Sometimes called bull pine or western yellow pine, **ponderosa pine** is a widespread pine native to western North America. It was first described by David Douglas in 1826, from a site in eastern Washington near present-day Spokane.

The bark of the **ponderosa pine** is dark when young, but older trees develop yellow to orange plates with black lining the crevasses, where the bark "splits." This is noticeable amongst the older **ponderosa pines** that live along the west coast of Canada. On a warm day, the bark has a smell similar to vanilla.

Sandpoint is home to hundreds of **ponderosa pines**, many of which could have been included in this booklet. We picked this particular **ponderosa pine** because it was one of many plat markers used for the "West End Addition" created by Isaac Boyer (of Boyer Avenue "fame") in December 1906. The proud owners of this tree have lived on the property for 43 years, grooming this pine for survival.



19. London Plane Tree

Platanus x acerifolia



401 Church Street

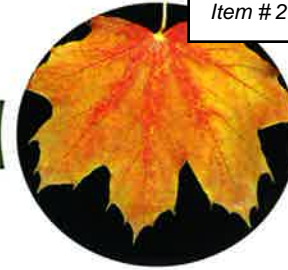
The patchy olive-green bark on this sycamore is perhaps their most striking feature, but other attributes make these trees unique as well. Leaves on sycamores, also known as plane trees, resemble those of maple but do not turn color in fall. The ball-shaped seed balls dangle from branches into the winter. A tall, wide, fast-growing tree, the **London plane** is popular because of the shade it provides. Because of its size, it is best planted in large lawns or avenues. This tree, though large, has yet to achieve its mature size which may reach 100 feet tall and 80 feet wide. Sycamores are tolerant of urban stresses. They prefer full sun or light shade and will grow in almost any soil.



20. Norway Maple

Acer platanoides

Item # 2.



Corner of Fourth Avenue and Oak Street

The **Norway maple** is the most commonly planted street tree in Sandpoint, making up more than 40 percent of our inventory. Although it grows well here, it is commonly seen in too small a space where it buckles the sidewalk and splits the curb. It is a medium to large deciduous tree with a broad, rounded crown. Leaves are palmately lobed and turn yellow to orange-red in autumn. The wood is hard and used for furniture and turnery. Many cultivars have been selected with distinctive leaf shape or coloration. The dense crown produces deep shade beneath the tree, and these trees have created attractive shaded lanes where the canopies close across a street. The ability to grow in tough urban sites makes the **Norway maple** desirable in many areas. It withstands a variety of site conditions, including restricted rooting areas and a large range of soil textures, from sands to moderately compacted clays.



21. Pin Oak*

Quercus palustris

Corner of Second Avenue and Main Street



The **pin oak** is native to eastern North America. It is a medium-sized deciduous tree growing 60 to 70 feet tall. Most will develop a deep red fall color before turning brown and retaining their leaves through the winter. Wood is generally marketed as red oak but is of significantly inferior quality, as it is somewhat weaker and often with many small knots. The name “**pin oak**” is possibly due to the many small, slender twigs, but it may also be from the historical use of the hard wood for pins in construction. It is one of the most popular ornamental trees in the United States. It is easy to transplant and tolerant of poor soils. As evidence of this, these two **pin oaks** are doing extremely well in what amounts to a planter box at the building's entrance.



22. Little Leaf Linden*

Tilia cordata

West end of Farmin Park



Item # 2.

Little leaf linden, native to Europe, is an especially fine tree for streets or spacious lawns – or for providing shade to the Sandpoint Farmers Market at Farmin Park. Both the **little leaf linden** and American linden, also known as basswood, are fast growing and favored as shade trees. The distinctive pyramidal shape of the **little leaf linden** is recognizable in summer and winter. Their heart-shaped leaves appear in the early spring and stay on the branches until frost. In midsummer, lindens bear tiny, extremely fragrant flowers. Bees are attracted to the blossoms and the abundant nectar that they use to produce a fine honey. **Little leaf lindens** grow best in fertile soils but are adaptable to a variety of conditions. They are well-

known to be tolerant of urban stresses. This is the national tree of the Czech Republic and the Republic of Slovakia. In Berlin it is found lining an historic boulevard called “Unter den Linden.”



23. Blue Spruce

Picea pungens



506 North Fourth Avenue

Also known as Colorado blue spruce, Colorado spruce or silver spruce, **blue spruce** is a slow-growing, medium-sized conifer. Prized for its bluish to silvery-gray foliage, **blue spruce** is widely used as an ornamental both in the United States and in Europe. At least 38 cultivars have been named. **Blue spruce** is able to grow under a wide variety of conditions and is considered quite desirable as a landscape plant. It is used in parks, gardens and as a windbreak. The American National Christmas Tree, located behind the White House at the center of the Ellipse, is a Colorado blue spruce. It is the state tree of Colorado. Several **blue spruce** may also be seen in the 500 block of South Boyer.



24. Norway Spruce

Picea abies

Item # 2.



West end of Boyer Park

Norway spruce is a large evergreen conifer, native to central and northern Europe, including Norway, for which it was named. Mature trees have a broad, pyramidal shape and produce long, smooth cones which make it easy to distinguish from other spruces. Scaly mature bark is gray to brown. Adapted to cool, temperate climates, growth is best in full sun in deep, rich, moist soils. It is one of the most widely planted spruces worldwide. It is used in timber and paper production as well as an ornamental in parks and gardens. Every Christmas, the Norwegian capital city of Oslo, provides the cities of New York, London, and Washington, D.C., with a Norway spruce to be placed in the central square of each city in gratitude for the aid these countries gave during World War II.

This grove of six was planted in 1973 by the Rocky Mountain Rover's 4-H Club that included Laurie and Pam Newton, daughters of Helen Newton, one of the 4-H leaders then and the city council liaison on the 2009 Tree Committee.



25. Black Walnut

Juglans nigra



502 Boyer Avenue, on Alder Street

Black walnut trees range in height from 70 to 150 feet, are a long-lived tree sometimes exceeding 200 years in age, and can have a diameter of 2 to 4 feet. It is native to the central and eastern United States. A major characteristic of this tree is its deeply furrowed, black bark. The compound leaves are between 1 and 2 feet long. This tree is prized for its beautiful wood – some think the finest in the world – and the tasty nuts that are avidly harvested in the autumn.

Practically everyone recognizes a walnut tree when the nuts are on it. Their distinct shape, pattern and smell are hard to miss. The stain the hulls leave on your skin when you hull walnuts is hard to get off; pioneers used this to dye

cloth. The butternut, hickory and pecan are close relatives.

This **black walnut** is thought to be nearly 100 years old. The Sammons family treasures this tree and has been the keepers of it since the early 1940s.



26. Northern Catalpa

Catalpa speciosa

Item # 2.



703 North Boyer Avenue

Catalpas are native to warm, temperate regions of North America. Their name derives from the American Indian name for these trees, Catawba. A transcription error on the part of the describing botanist resulted in the name catalpa. **Northern catalpas** may be recognized by their large, heart-shaped leaves. They have showy, white flowers, which is most unusual for a large, deciduous tree. Their long fruits resembling a bean pod accounts for the nickname of vanilla bean tree. Catalpas provide dense shade and are a popular habitat for many birds.

Originally there were four **northern catalpas** that surrounded this property on North Boyer. Now there are only two.



27. American Smoke Tree

Cotinus obovatus



727 Sixth Avenue

Again and again in tree literature one reads: “The **American smoke tree** should be used more often in American landscapes.” There are many shrub versions of this tree in Sandpoint, the non-native common smoke tree (*Cotinus coggygria*), both green leaf and purple leaf. The tree, however, is not widely grown and, in fact, the owners of the tree, native Sandpoint residents, had to purchase the tree from a nursery in the Midwest in the 1950s.

A North American native, the **American smoke tree** is tolerant of a wide range of adverse urban conditions – wet soil, wind, drought and compacted soil. No pests or diseases are of major concern. It has distinctive fall foliage.



28. Western Paper Birch

Betula papyrifera

Item # 2.



302 Larch Street

One of several varieties of paper birch, **western paper birch** is a small- to medium-sized tree native to forests in the Northwest. The genus *Betula* means “pitch,” referring to the bituminous content of the bark, which makes it highly flammable. The species name *papyrifera* means “paper bearing,” referring to the white, papery peeling bark. Paper birch was also very important to native peoples. The bark was used to make canoes and baskets by many American Indians throughout the region. They also used the bark for lining storage caches and wrapping food, and drank the sap as a medicine for colds. Paper birch is often a multistemmed, deciduous tree and can grow to 100 feet tall. The bark is coppery-brown when young and turns white to cream, peeling with age. Birches are often short-lived due to the birch borer.

There is another outstanding birch at the Lakeview Cemetery.



29. Douglas Fir

Pseudotsuga menziesii



1015 Oak Street, on Ella Avenue

Also called red fir, Oregon pine and Douglas spruce, the **Douglas fir** is not a fir, pine or spruce. It is a distinct species named after Archibald Menzies, a Scottish physician and naturalist who first discovered the tree on Vancouver Island in 1791, and David Douglas, the Scottish botanist who later identified the tree in the Pacific Northwest in 1826. It is one of the world's most important and valuable timber trees, prized for use as dimensional lumber. **Douglas fir** is also one of the most commonly marketed Christmas tree species in the United States. Two varieties of the species are recognized: coast Douglas fir and Rocky Mountain Douglas fir.

Douglas firs are large, pyramidal evergreen conifers. The needles are flat and linear, resembling those of true firs. The cones are distinctive, bearing a long, three-pointed bract that extends beyond the cone scales.

It is unusual to have so many large and healthy conifers in a city right-of-way as the 11 that grow in a row on Oak Street. The largest **Douglas fir** of the group is on private property around the corner on Ella and is almost 4 feet in diameter.



30. Silver Maple

Acer saccharinum

Item # 2.



1020 Poplar Street

Silver maple, also called creek maple, river maple, silver leaf maple, water maple or white maple, is native to eastern North America. It is one of the most common trees in the United States. It is a relatively fast-growing deciduous tree, commonly reaching heights of 50 to 80 feet. It is often found along waterways, hence the common name water maple. The name **silver maple** comes from the silver color found on the undersides of the leaves. Autumn color is not as striking as other maples, generally a pale yellow color, though some specimens can produce more brilliant yellow and even orange and red colorations. It is widely used as an ornamental tree because of its rapid growth and ease of propagation. It is highly tolerant of urban conditions. There are several large specimens in Sandpoint with trunk diameters greater than 30 inches.



31. Western White Pine

Pinus monticola



1214 Main Street

Western white pine, Idaho's state tree, lured the timber barons from the Great Lakes states into northern Idaho more than a century ago to mill valuable lumber and matchsticks from this prized species. While much can be written about the **western white pine**, read these poetic words penned by some juniors at Sandpoint High School for their 1914 yearbook, "The White Pine," which was later named "Monticola":

The words "White Pine" are words of charm. They bring to the mind visions of forests illimitable; of lakes as clear and pure as the mountain streams that feed them; of deep, dense and silent woods where the foot of man has scarcely trodden. Or they bring us under the spell of a mighty industry, the wealth of which has made an empire. We see the work in the forests, the gigantic mills and the busy traffic. We see a happy and prosperous people. We see, in fact, our own northern Idaho in its prosperity, its beauty and its grandeur.



32. Black Cottonwood

Populus trichocarpa

Item # 2.



105 Gooby Road

Just barely outside of Sandpoint, this **black cottonwood** is an Idaho State Champion Tree since 1991. This multistem giant measures 8 feet in diameter and reaches a height of 113 feet. Also in the same yard is the largest western paper birch in Idaho.

Black Cottonwood ranks as both the largest tree in the poplar genus as well as western North America's largest hardwood. It prefers moist soils and readily grows along stream banks and floodplains.

The species name, "*trichocarpa*," is Greek for "hairy fruits." The **black cottonwood** is notorious for the "summer snow" resulting from its seeds covered with cotton-like hairs blowing in an early summer breeze.



Pat Gooby and daughter Ann Sater provide scale for the giant **black cottonwood's** trunk; Pat said both generations had treed played in the cottonwood as kids, which was already a large tree in 1943 when the Gooby family moved into the home.

Continued from first page

As anyone who lives here knows, we have a lot of conifers in our general area – our town was built on the harvesting and milling of them – and a lot of maple trees. Similarly, anyone who knows how poor the soil is in our area also knows that maples, like hawthorns, can tolerate clay soils and wet or drought conditions. In this booklet we show eight species of conifers and four species of maples, but we also have 20 other trees that show the diversity of trees that can grow here.

The tree committee members who worked on this booklet are:

RICH DEL CARLO, arborist, Peregrine Tree and Landscape, Inc.

EILEEN ATKISSON, tree lover and former President of the Native Plant Society

BILL LAMSON, tree lover

BILL LOVE, Private Forestry Specialist, Idaho Department of Lands

BOB WILSON, former professor of horticulture at the University of Idaho

GAIL LYSTER, tile artist, tree lover and guardian

HELEN NEWTON, Sandpoint City Council liaison

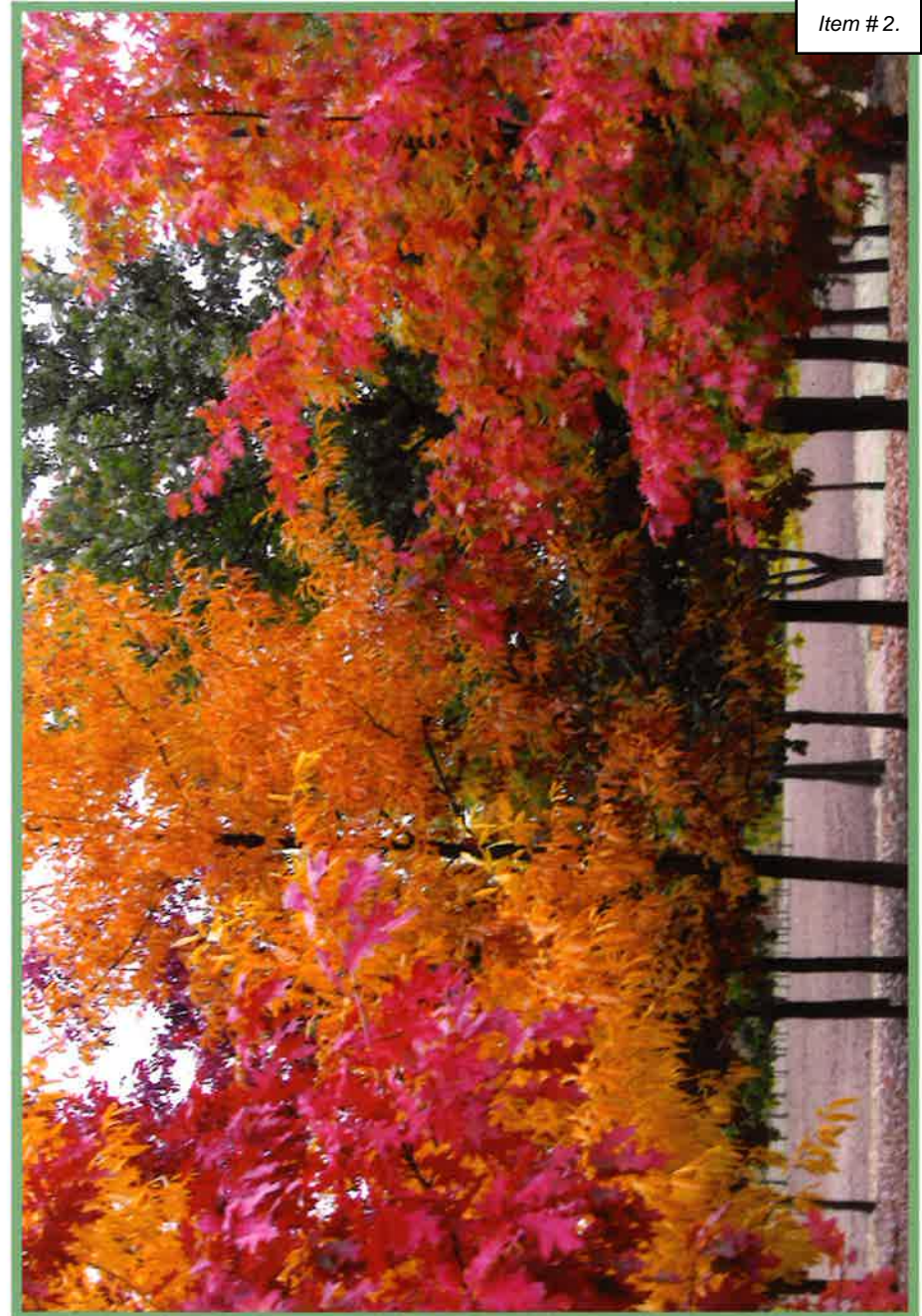
STEPHEN DRINKARD, City of Sandpoint's community forester

We would like to thank Ms. Linden Maxwell, former community forester for the Sandpoint Independent Highway District, and the tree committee members in 1999 who published the first edition of *Outstanding Trees*. Eighteen species of trees they selected are in this booklet, and eight trees are the same, which are marked with an asterisk (*). This second edition uses some of the original text and continues to honor some of the same trees they chose.

Picture Credits: Sean Haynes of Keokee, tree numbers 1, 7, 8, 10, 12, 14, 15, 22, 23, 25; Billie Jean Plaster of Keokee, tree numbers 4, 24, 26; Stephen Drinkard, tree numbers 11, 13, 16, 17, 19, 20, 21, 27, 28, 29, 30, 31; Brenda Evans, tree numbers 5, 6, 9; Bob Wilson, tree number 3. Gail Lyster, tree number 18. Chris Bessler of Keokee, tree number 32. Additional, smaller images come from the joint venture of the University of Georgia and the U.S. Forest Service: <http://www.forestryimages.org>.

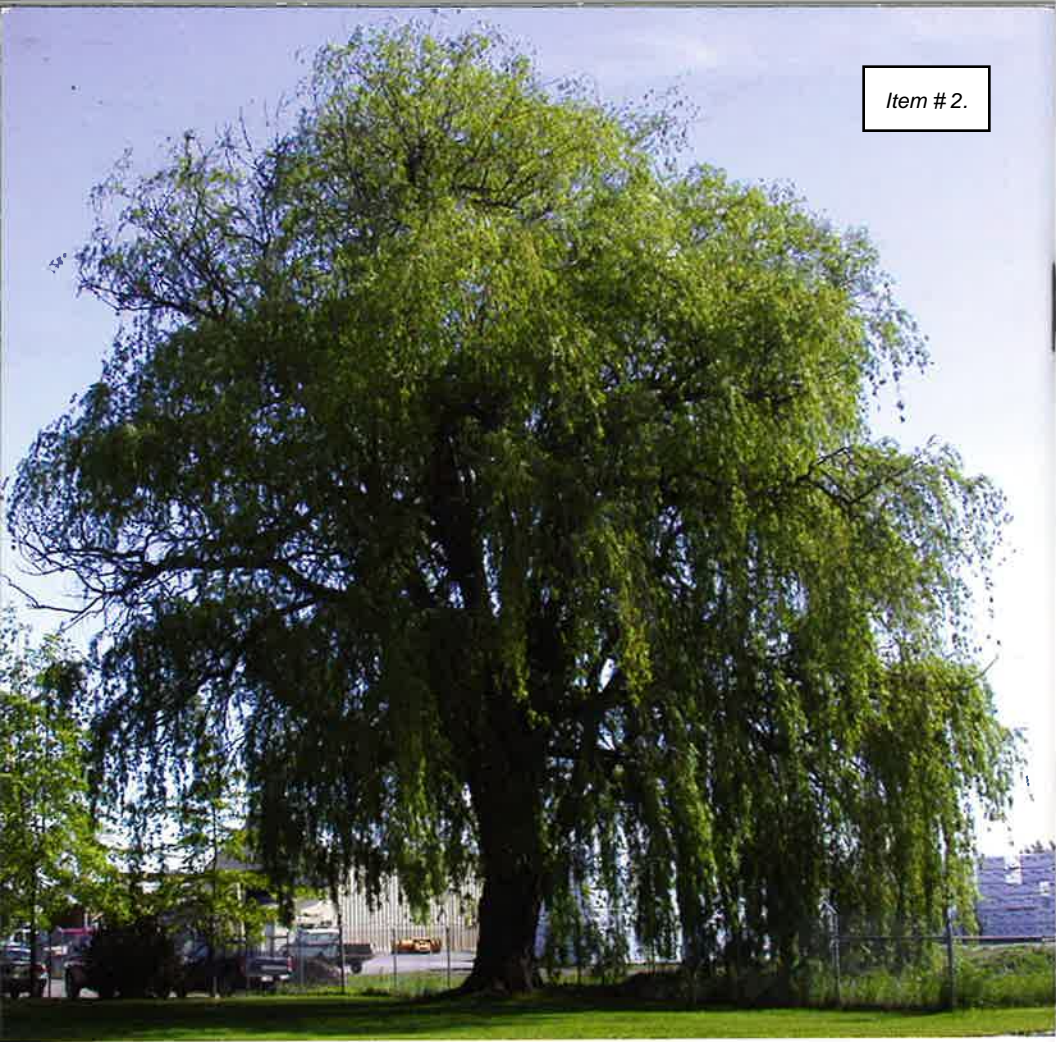


Item # 2.



Second Place Winner of the First Annual Tree Photography Contest
MARLENE RORKE, *Sagle*

Item # 2.



TREE CITY USA®

City of Sandpoint – Tree City USA member since 1996

OUTSTANDING
TREES
OF SANDPOINT, IDAHO

Published 2009, Sandpoint Tree Committee
Produced by Keokee, Sandpoint, Idaho

ARBORICULTURE MANUAL

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This Manual was first adopted by resolution by the Sandpoint City Council in 2003. Each time there are proposals for significant changes to this manual, it will be reviewed by Sandpoint Forest Committee and the Sandpoint Public Works Committee and then passed on to the City Council for adoption again as a new resolution. Noted below are a record of revisions and new adoptions since 2003:

Revision:

Introduction



The City of Sandpoint is blessed with a large and relatively healthy urban forest, both on public and on private lands. Not counting the Park trees, there are approximately 2,240 public right of way trees, a few of which are shown above in this photograph of a Sandpoint street.

With that blessing comes the responsibility to care for and maintain this valuable asset. To that end, this arboriculture manual is intended to help city staff, property owners, contractors and developers and other private individuals understand what should and can be done in the maintenance, removal and planting of street trees in the public right-of-ways.

This manual is intended to be a flexible document that is open to review and to revision each year when new research or different local standards prevail.

The City of Sandpoint is indebted to Lynden Maxwell, Urban Forester for the City of Post Falls, Idaho and formerly the urban forest coordinator for the Sandpoint Independent Highway District. This first edition is almost entirely a reflection of Ms. Maxwell's work. Of course, she herself acknowledges that her work was also heavily derivative. She notes: "The information contained in this manual was compiled from a variety of sources, including other municipalities and nationally published urban forestry materials." As the City of Sandpoint's manual evolves over the years we, too, will be sharing our words and pictures with others.

I. PUBLIC TREE STANDARDS AND SPECIFICATIONS

Chapter 1—General Guidelines

The specifications in this manual are the minimum standards for planting, pruning, maintenance and protection of all public trees. They apply whether the work is performed contractually, by City employees, or by private individuals. Exceptions to these standards must be by written approval of the city forester.

All traffic and safety rules must be observed while working on public trees.

Chapter 2—Definitions

The words “shall” and “will” are mandatory and “may” is permissive. Words not defined in this section shall have their common and ordinary meaning.

Caliper: The diameter of the tree's trunk at 6” above the root collar on trees 4” diameter or smaller and 12” above the ground for 5” diameter or larger trees.

Certified Arborist: A person in possession of a current International Society of Arboriculture Certification.

Community forest: The sum of all of the trees within the City of Sandpoint.

Community Forest Committee or Tree Committee: A group of volunteers appointed by the mayor who focus their expertise and energy on the development of the City's urban forest.

Drip line: The area directly under the tree's canopy where the essential mass of roots is found (refer to figure 1).

Hazard tree: A tree identified by the City to be a threat to cause personal injury or property damage.

Injurious pest or disease: Organisms that are capable of seriously damaging the form, structural integrity, or life of a tree.

I.S.A.: The International Society of Arboriculture.

Landscaping: To add enhancements to property for beautification purposes.

Master Street Tree Plan: A plan to be developed by the Community Forest Committee and approved by the City Council that incorporates the best knowledge of street tree characteristics and design on block by block basis. This plan will focus almost exclusively on the core downtown area.

Park trees: All trees in public parks and in all areas owned by the City, excluding those trees in the public right-of-way.

Person: Any individual, firm, partnership, corporation, association, company, municipal corporation or other governmental entity or organization of any kind.

Planting strip: The area within the road right-of-way that can be landscaped, usually located between the curb and sidewalk.

Private tree: A tree that is entirely on private property and not within city right-of-way.



Figure 1: Drip line

Pruning: The removal of plant stems, dead or alive, in a careful and systematic manner so as not to damage other parts of the plant or the tree as a whole.

Public right-of-way: Improved or unimproved public property owned by, dedicated to, or deeded to, the public or for the public's use, for the purpose of providing vehicular, pedestrian and other public use. Such public property includes, but is not limited to, streets, alleys, sidewalks, easements for public utilities, cut and fill slopes, and public open space.

Public tree: A tree that is located on city property, public right-of-way or easements within the City of Sandpoint.

Root barrier: A device or material designed to direct root growth mechanically or chemically.

Street tree: Any tree with 51% of its trunk within the public right-of-way.

Topping: The improper pruning and severe cutting back of limbs within a tree's crown or the removal of the top portion of the trunk of a coniferous tree (refer to figure 1A).

Tree appraisal To quantify a dollar value for a tree by using accepted national standards.



Figure 2: Topped tree

Tree height classes

Class I: Small trees which do not attain a mature height of more than 30 feet. Typical spacing is 15-25 feet.

Class II: Medium sized trees, 30-60 feet in mature height. Typical spacing is 30-40 feet.

Class III: Large trees, more than 60 feet in mature height. Typical spacing is 40-50 feet.

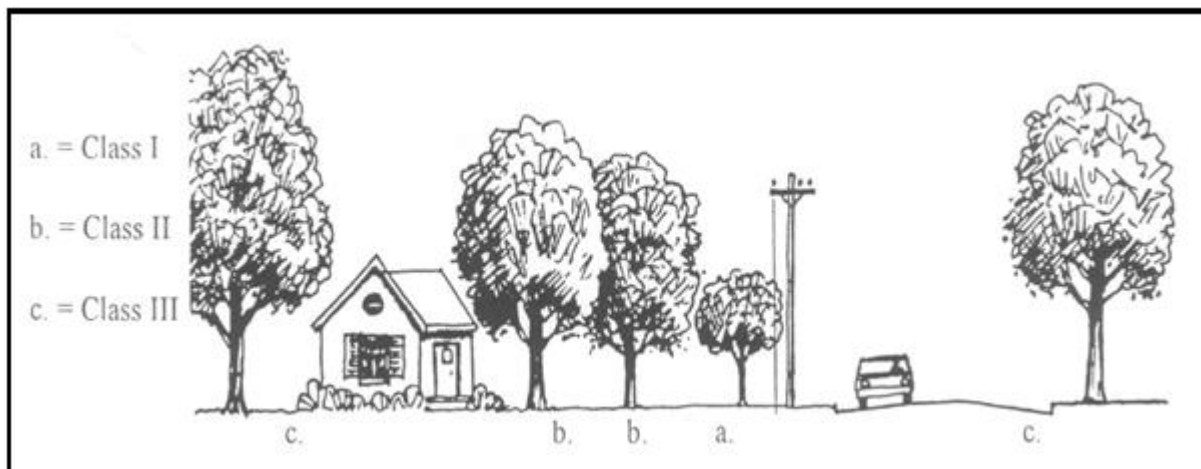


Figure 3: Appropriate locations for different height classes

Tree form: The visual shape of a tree’s crown based on the genetic or cultivated characteristics of that tree species (refer to figure 4).

Tree removal: The complete removal of a tree including the grinding of the stump and the cleanup of all debris material.

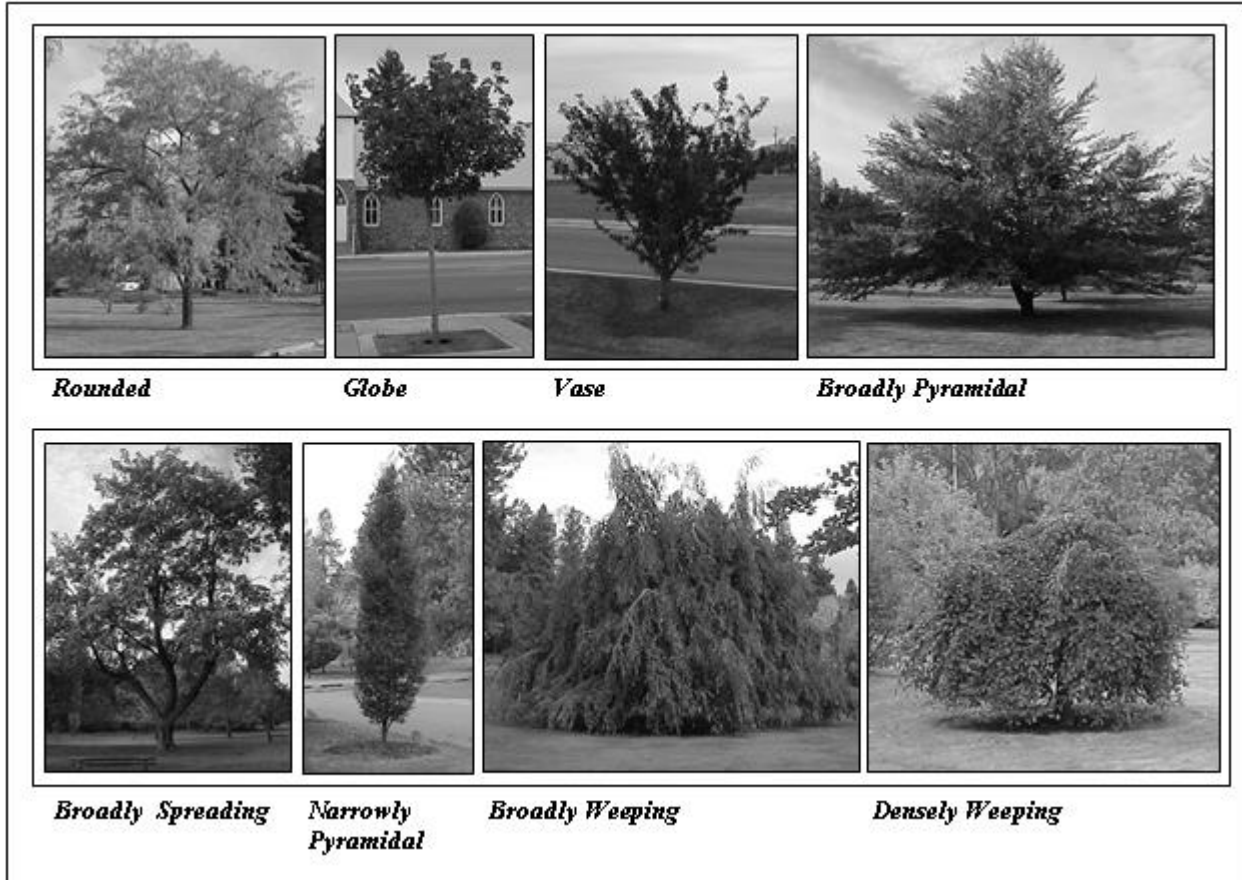


Figure 4: Examples of crown shapes

Tree ring: The area at the base of the tree that is cleared of competing turf and weeds, and maintained with a mulch material (refer to figure 5).

Tree service: Commercial services provided for the care of trees, including, but not limited to: planting, removing, pruning, or engaging in technical arboriculture practices.



Figure 5: Tree ring

Tree standards: The set of specifications concerning the planting, care and maintenance of trees as found in this Arboriculture Manual for the City of Sandpoint.

Chapter 3—PLANTING

Planting Guidelines for Public Trees

The City encourages species and age class diversity in managing our City's park and street trees. Plantings with a variety of trees are not subject to large-scale losses from disease or natural life cycles. City policy for public trees is to plant "the right tree in the right place."

Site factors to be considered are:

- 1) The type of location to be planted (natural or developed area);
- 2) The mature height and width of the tree;
- 3) The size of the planting strip;
- 4) The presence of overhead wires;
- 5) The characteristics of soil (pH, moisture, etc.).

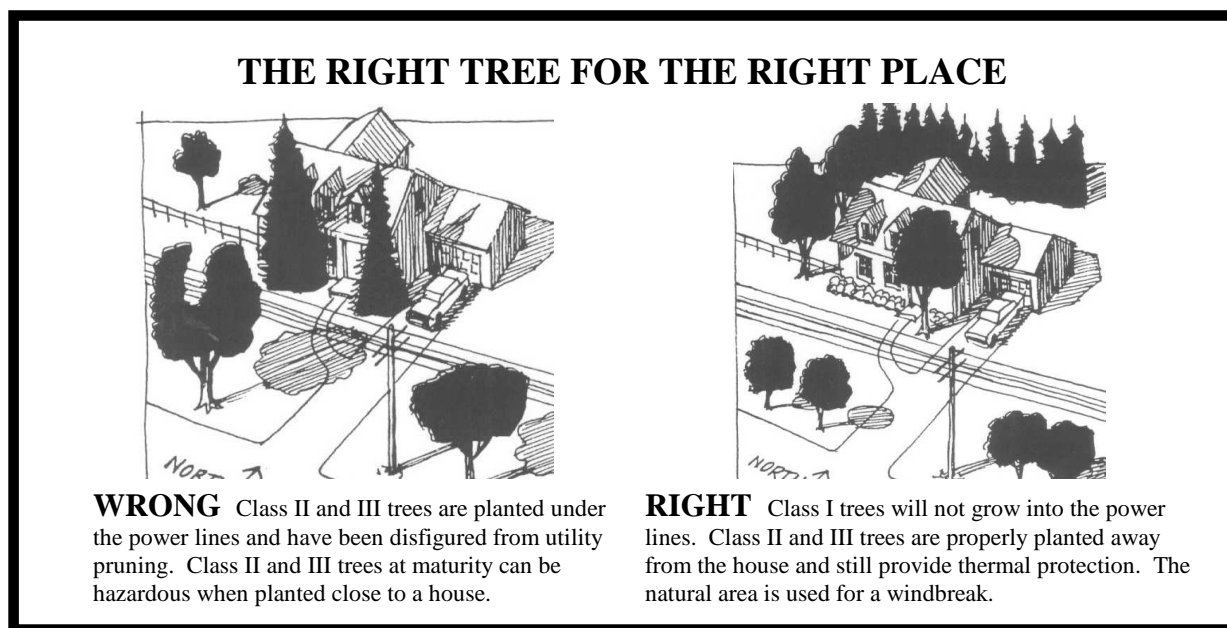


Figure 6: Some considerations for the proper placement of trees.

Public trees should not be planted where they will obstruct or interfere with buildings or public improvements, or interfere with traffic or public safety. Public trees should not be planted in the following places unless approved by the City.

- Within 4' of any building or structure
- Within 10' of fire hydrants and utility poles
- Within 20' of street light standards
- Within 2' of an existing curb face
- Within 10' of a public sanitary sewer or water line
- Within 4' of a meter vault box
- Within 20' in front of a stop or yield sign
- Within 4' of residential driveways, or 6' of commercial driveways
- Within 10' of an alleyway access



Figure 7: Incorrect planting

“Think before you plant.” Good planning is the key to a successful life of a tree.

PROBLEM:

← ***This is a maze of overhead power lines***

← ***This tree will grow into the wires within 7 to 10 years.***

SOLUTION: A small Class I tree should be planted on this site.

New development: During its review of the development plans, the city forester will approve the number and type of trees to be planted in the public right of way.

Established areas: New street tree plantings are at the discretion of the individual property owner acting in accordance with this Arboriculture Manual. Property owners are encouraged to consider existing trees and landscaping when choosing trees to plant.

Public projects: All public projects will follow these standards.

1. All trees and shrubbery near streets must comply with the vision clearance standards as defined by Idaho State Code. Any new tree planted at an intersection must be planted a minimum of 40 feet from the corner, except where engineering standards indicate otherwise (refer to figure 8).
2. A root barrier device may be required if the need is determined during the review of the planting plan.
3. All street trees that are removed must be replaced, unless otherwise approved by the city forester.
4. The minimum sizes for trees to be planted on the right-of-way are 1 1/2" caliper for Class I trees and 2" caliper for Class II and III trees, unless otherwise approved or prescribed by the city forester.
5. Containerized or ball and burlap stock are recommended for public trees. The person (or other entity) that planted the tree is responsible for replacing the tree if it dies within three years.



Figure 8: Vision clearance. A vision clearance triangle is 40' from the intersection's road or curb edge.

Street Tree Spacing and Location Guidelines:

- The City encourages spacing trees so that their canopies will touch when they are mature. The City may approve wider spacing if it is necessary for safe use of the street or sidewalk, or for other good reason. When space is limited, or to achieve specific design effects, closer spacing may be approved. Class I trees should be planted in small planting areas and under public utility wires. The City encourages planting Class II and Class III trees wherever practical because they are better for visual screening, temperature modification and long-term cost benefit. (Refer to figure 9).



Figure 9

Tree Size	Minimum Width of Planting Strip	Minimum Spacing
Class I	4 ft.	15 - 20 ft.
Class II	4 - 5 ft.	20 - 30 ft.
Class III	6 - 8 ft.	30 - 40 ft.

- Where the planting strip is between the sidewalk and the property line, street trees should be planted 3-7 feet behind the walk, depending on the species selected. In undefined planting strips, street trees should be planted 3-5 feet from the curb. If there are no curbs or sidewalks, the future improvements should be considered when planting (refer to figure 10).



Plant trees 3 – 7 ft. from the sidewalk



Consideration should be made for future improvements to roadways.

Figure 10: Planting Location

- Street trees must have a minimum planting strip of 16 sq. ft.. Street trees planted under an overhead utility line must not exceed 25 feet in height at maturity. Any street tree to be planted that does not meet these standards must have prior approval from the City.

Planting Methods:

- The person responsible for planting the tree is responsible for contacting the “Call Before You Dig” utility locator number, 1-800-428-4950, before digging in the right-of-way begins.



Figure 11: Planting

1. All planting holes should be 2 to 5 times the diameter of the root ball of the tree to be planted. The tree should be centered in the hole and set at a depth that, when planted, soil will not be above the root crown of the tree (refer to figure 11).

2. Remove all wire baskets, burlap, containers, twine, tags, wire or tree wrap to the maximum extent possible. (Refer to figure 12).



Figure 12: Planting



Figure 13: Planting

3. Backfill the hole to half full then saturate with 5 gallons or more of water to fill all holes and cavities around the roots. Finish filling the hole, tamp gently and water again with another 5 gallons, or more. More soil may be needed to be added after the water has drained and the fill has settled (refer to figure 13).



Figure 14 – Organic mulch ring

4. Cover the tree ring area of the newly planted tree with 3 - 4 inches of organic mulch material. The mulch should be pulled 2 to 3 inches back from the trunk of the tree. Recycled composted and screened yard debris, or wood chips are recommended mulch materials. *Rock is not an acceptable mulch* (refer to figure 14).

5. Stake new trees only if it is necessary for added stability. Ties should be only tight enough to support the tree but not enough to prevent swaying. (Refer to figure 15). Tie material should be flexible and at least 1" wide where it touches the tree. All ties, stakes and tree wrap should be removed after a year.



Figure 15: Tree staked too tightly

6. New trees need to be watered to a depth of 12 to 18 inches at least once a week during the first two growing seasons if they are to become well established. During periods of drought, new trees will need more frequent watering. At least five gallons of water per application, usually more, will be needed. Proper mulching helps conserve soil moisture.

7. Maintain tree rings or install adequate edging material to keep turf and weeds out of the ring.

Quality of Plant Materials

High quality plant materials are desired for plantings. The minimum acceptable standard for plant materials shall conform to the American Association of Nurserymen's **American Standard For Nursery Stock**, (ANSI Z60.1 – 1996) and will be true to name and type. Broken, damaged, diseased or substandard tree stock will not be allowed to be planted in the right-of-way. Trees planted must be free from bark damage, decay, sunscald, insect pests or other objectionable disfigurements (refer to figure 16 and figure 17.).

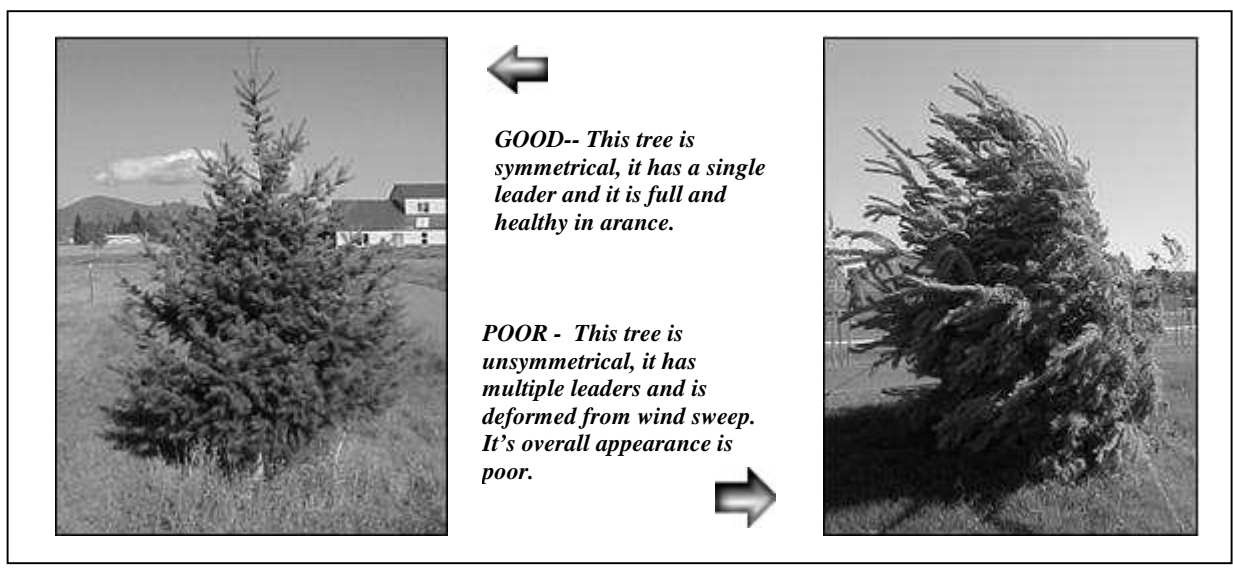


Figure 16: Example of good and poor conifer nursery stock.

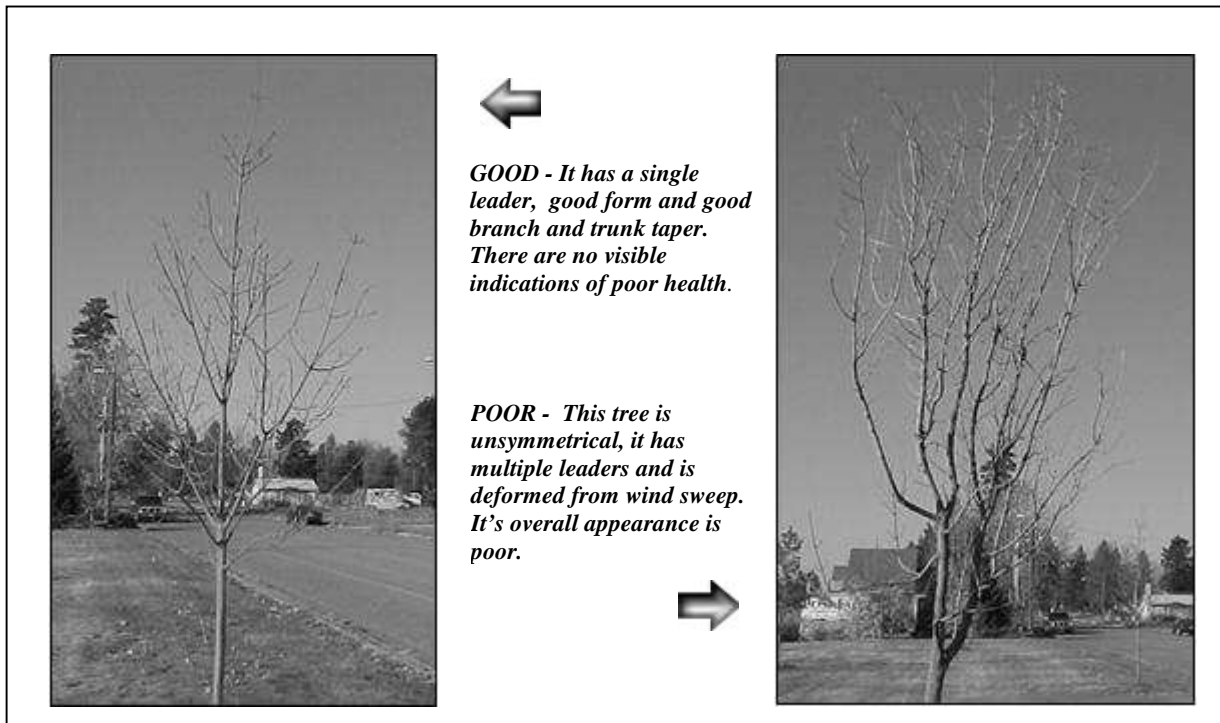


Figure 17: Example of good and poor deciduous nursery stock.

Quality of Work:

- The best time to plant trees is spring or late fall when the trees are dormant. Ball and burlap or containerized stock may be planted successfully most of the year except during very hot and dry periods of the summer.
- Handle tree stock carefully, to avoid causing damage during planting.
- If any bark is damaged or branches broken during planting, the damage should be properly treated immediately. Trees that are so badly damaged that it is doubtful they will survive or grow properly must be replaced.

Do not cause a public hazard while planting a street tree, including the following:

- Leaving open planting holes unattended or without barricades.
- Failing to cleanup debris promptly.
- Blocking any access.

Acceptance

- All street tree plantings must be in accordance with this manual unless otherwise authorized by the City Forester.

Unacceptable planting must be corrected to the standards of this manual. If the City does the corrective measures, the costs will be charged to the contractor, landowner or the primary developer of the project.

Chapter Four—Pruning Standards

Pruning Guidelines for Public Trees

- Trees must not be pruned in a way that will endanger their health.
- Branches and foliage of street trees must not interfere with safe public passage. They should be pruned so that clearance over streets is at least 14 feet and at least 8 feet over pedestrian areas.
- Remove sprouts and suckers growing on the trunk to at least 8 feet above the ground.
- When dead or broken limbs over two inches in diameter endanger the public or property, they must be promptly and properly removed. It is not necessary to get authorization prior to the work when the pruning is needed immediately for safety.
- To protect the future welfare of the tree, any severing of the roots of a street tree must have prior approval from the City Forester.

PROPER PRUNING WILL MAKE A DIFFERENCE!

These two trees are the same species, green ash, and are about the same age. The tree on the left is a healthy specimen with good natural tree form. The tree on the right has numerous insect and disease problems and very poor tree form.

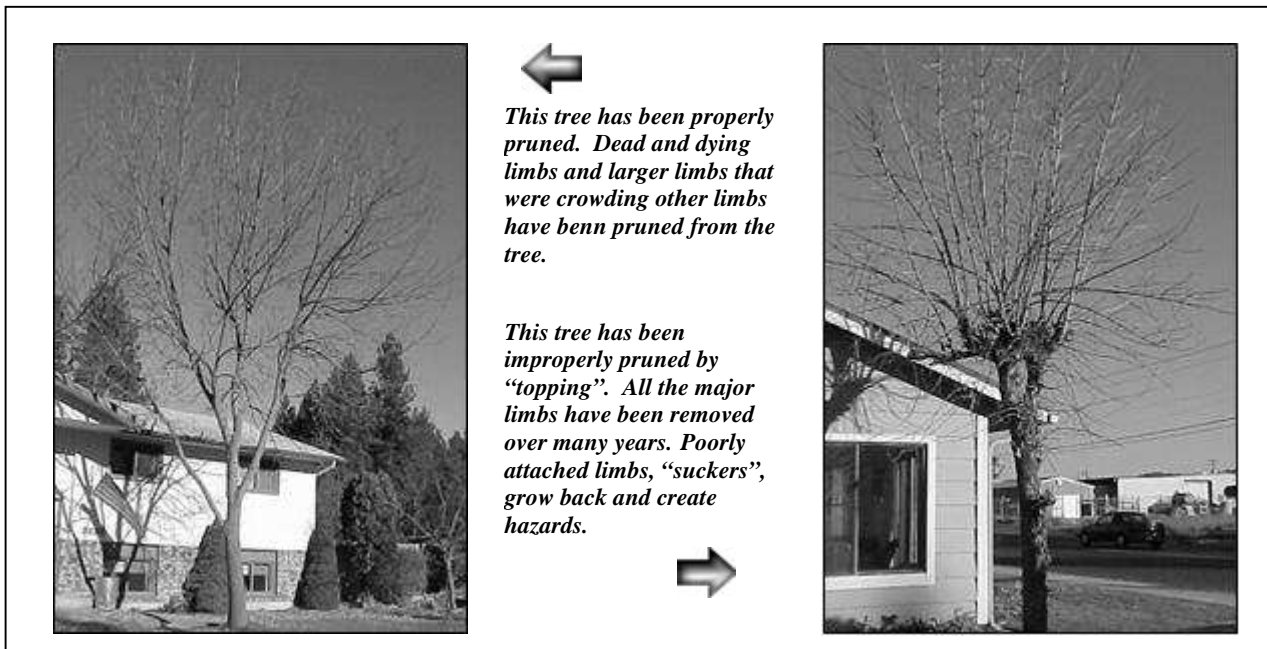


Figure 18: Proper and improper pruning methods

Methods of Pruning

The standard for pruning public trees is ANSI Z133.1, ANSI A300 Tree Care Operations and I.S.A. Tree Pruning Guidelines. Copies are on file in the City Planning Department. Topping is an unacceptable arboriculture practice and is prohibited on public trees.

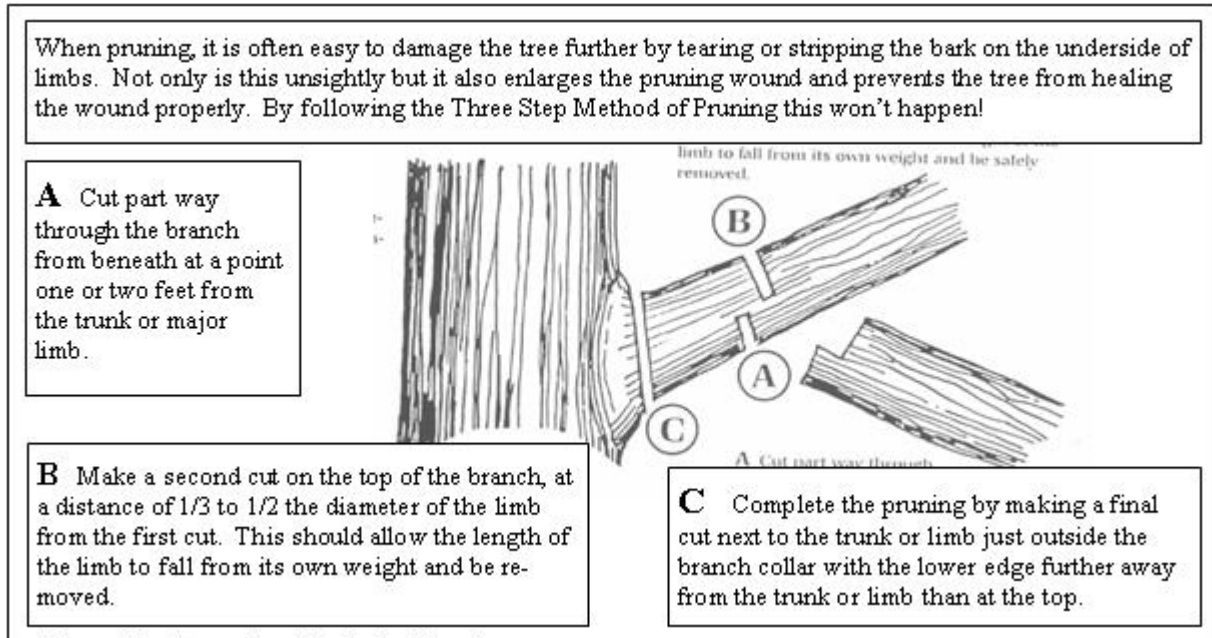


Figure 19: Three-step method of pruning

Quality of Work/Pruning:

- Make all final pruning cuts in a way that encourages natural callus growth to cover the wound. Do not use “wound paint.”
- Make all final pruning cuts in a way that prevents the bark and wood from tearing back.
- Use sharp and clean tools. Disinfect tools when working with trees that have infectious disease.
- Clean up branches, logs, or any other debris promptly.
- The use of climbing spurs or spike shoes on public trees is prohibited.
- Never leave any severed or partially cut branches in the upper part after arborist or other tree workers leave the site.

Chapter 5—Removal

Cause for Removal

City of Sandpoint
Code 7-2-4.

“Permission to remove dead or diseased trees must be requested from the public works director.”

“Permission to remove all other trees must be obtained from the city council after first submitting the matter to the public works committee.”

Guidelines for the Removal of Public Trees

Public Safety:

Proper safety procedures are required if work sites place the public at risk. Signage, flagging and other public safety issues should follow Idaho Code. An encroachment permit must be applied for at the Public Works Department if work will extend into the street.

Quality of Work:

- All debris must be removed from the sidewalk and street as soon as possible. Merchantable trees or fire wood material will be removed at a time that is agreeable to both the landowner and the City of Sandpoint. All other debris must be removed by the end of the day it is produced.
- The stump and primary roots must be ground to at least 8” below the soil surface. The time period for grinding will be determined by the landowner and the City. To prevent a public safety hazard the stump hole must be back filled immediately after the grinding.



Figure 20: Stump removal results in nicer-looking plant strips that are free of tripping hazards and have more room to plant new trees.

Chapter 6--Maintenance

Clarification of Responsibility for Street Trees

As per city code, appropriate care and maintenance of trees and landscaping in the right-of-way is the responsibility of the landowner of the adjacent property, except where the City takes responsibility. Street trees in the following areas are the responsibility of the City:

- Both sides of Highway 95/ Fifth Avenue from Larch street to Cedar Street.
- Both sides of Second Avenue from Cedar Street to Main Street.
- Both sides of Main Street/ Oak Street from First Avenue to Third Street.

City of Sandpoint
Code 7-2-4.

“It shall be the responsibility and liability of every owner of real property in the city to maintain that portion of real property lying between the property owner's property line and the nearest edge of the street curb, in the event there is no curb, the nearest edge of the street, in a safe, uncluttered, non-obstructed condition, to trim, prune, and care for the trees and/or shrubbery located upon the same, and to remove weeds and mow any grass located upon the same.

It shall be the responsibility and liability of every owner of real property in the city to maintain that portion of the real property lying between the property owner's property line and the center of any adjacent alley in a safe, uncluttered, non-obstructed condition, to remove weeds and to mow any grass located upon the same.

The limbs of any tree which overhang the sidewalk or public right of way shall be trimmed to a height not less than seven feet (7') above the ground.

Further, every such adjacent property owner shall be responsible for the cost of maintenance of such property between the property line of the property owner and the nearest edge of the street where there is no curb, or street curb where there is a curb and the center of the adjacent alley. If any such adjacent property owner shall fail to maintain such property or the trees and shrubs located thereon in violation hereof, such property owner shall be responsible and liable for the cost of any maintenance provided by, ordered by or contracted for by the city after ten (10) days following written notice to the property owner of the existing violation of this section. In the event the city incurs costs for the maintenance of the above-described property the property owner in addition to any other remedy allowed by law, shall be subject to a special assessment and such special assessment shall be collected as provided in Idaho Code section 50-1008. (Ord. 1056, 7-18-2001)”

Maintenance Standards

- The health of public trees should be promoted by providing adequate inspection monitoring and maintenance.

- Any tree—public or private—that poses a threat to other trees in the community because of a disease or insect infestation should be treated to control the spread of the problem.
- The standards for planting and maintenance in this manual are applicable to all park and natural area trees. Public trees will be pruned by ANSI and I.S.A. specifications.

Chapter 7—Protection And Preservation Of Public Trees

General Guidelines

Abusing or destroying any public tree is contrary to City of Sandpoint policy. This includes breaking stakes or supports for a public tree, burning or encouraging any burning near the trunk, defacing it, or attaching signs or notices, nails, screws, or other such devices.

Notify the City Forester before:

1. Attaching or installing any metal materials, cable, wires or other foreign objects to public trees.
2. Excavating soil or trenches, or filling soil within the dripline of a public tree.
3. Treating the soil within the root zone of a public tree with a soil sterilant.

During Construction

- Site or landscape plans for any development must show all existing public trees to be saved or proposed for removal. Every effort must be made to preserve desirable trees. The City Forester will provide information about appropriate ways of preserving the trees.
- Public trees to be saved must be marked prominently during the construction, repair, alteration, or removal of any building or structure. When the trunks of save trees are likely to be damaged, they must be protected with fencing. To avoid soil compaction around the root zones, fencing should include the area under the drip line of the trees (refer to figure 21).

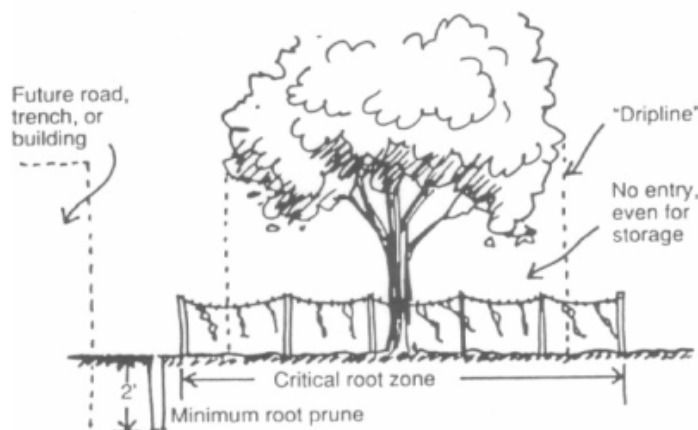


Figure 21: Protection for tree and tree root zone during construction.

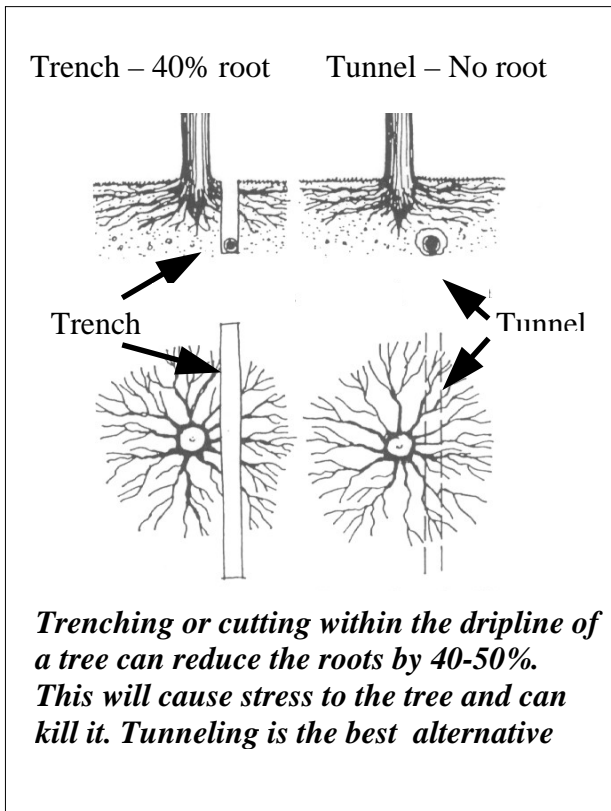


Figure 22: Preventing root damage.

During construction, protect public trees by;

- 1. Pruning limbs in the way of the construction.***
- 2. Watering and aerating the trees to minimize stress.***
- 3. Fencing trees and natural areas to prevent compaction.***
- 4. Adding a temporary 6" (minimum) mulch layer to prevent compaction.***

- Any trenching within the drip line of public trees must be done by hand to tunnel under and preserve the main support roots (refer to figure 22).
- Curb cuts should not be closer than 6 feet from the trunk of the tree. Paving should be at least 2 1/2 feet from the tree trunk.
- Avoid cutting surface roots wherever possible. Sidewalks and paving should be designed to avoid such damage.
- Avoid disturbing the soil within the dripline of trees such as removing the top soil, compacting the soil or adding fill dirt.
- Excavation or trenching requiring root cuts should be done rapidly to minimize drying out the cut root. Make smooth, flush cuts on tree roots. Back fill before the roots have a chance to dry out, and water the tree immediately. Irrigation may be necessary throughout the hot and dry summer season.
- In the interest of preserving public trees, the Public Works Department will include the City Forester in all stages of planning and coordinate with the Community Forest Committee by notifying its chair of any applications for new curb, gutter, walkway or driveway installations, or other improvements which might require the removal of, or cause injury to, any public tree, or interfere with the goals of the City's street tree plan.

Sidewalks

The City of Sandpoint code notes:

City of Sandpoint
Code 7-3-1.

“7-3-1: PROPERTY OWNERS RESPONSIBLE:

A. The property owners of the city shall be responsible for the construction and repair of all sidewalks and curbs abutting upon their respective properties, and on corner lots such responsibility shall include the sidewalks and curbs adjacent to each street.

B. The city council may, whenever it is deemed necessary or convenient by an order duly made and entered in its minutes, order the construction of a sidewalk or curb on any street of the city, and it may in like manner order the alteration or repair of any sidewalk or curb now or hereafter constructed. (Ord. 1083, 5-21-2003) “

Although we can reduce the impact of trees upon our city’s sidewalks, it is inevitable that there will be instances in which sidewalks are raised or buckled by adjoining public trees. Because in the past people have not taken care to plant the right tree in the right space we do have many instances of trees impacting sidewalks. (See figure 23):



Figure 23: A sidewalk being lifted by roots

If a property owner decides upon replacing the sidewalk, it is the policy of the City of Sandpoint that sidewalks and trees can oftentimes be made to work together. There are methods for avoiding tree/ sidewalk conflicts when planting new trees (for example, deep watering of trees to encourage roots to grow deeply and the use of root barriers). However, there are also ways to reduce the loss of older trees when replacing sidewalks. The City has a *Tree City USA Bulletin* [#3] that describes the various methods for trees in good condition. For instance,

- A sidewalk can be curved around the trunk (at least 2-3').
- In some cases, rather than replacement, a raised edge can simply be ground down, or smoothed over with asphalt.
- The new sidewalk may be ramped up and over the roots by starting further away.

II. CITY OF SANDPOINT APPROVED STREET TREE PLANTING LIST

The following list of trees approved for planting in the public right-of-ways should be viewed only as suggestions. Other species and cultivars not expressly prohibited can be considered. Available in the Planning Department is an information booklet that explains in what circumstances each of the trees listed can be planted. It is imperative that the information booklet be consulted to see if the desired tree is suitable for a particular site. When in doubt, call the City Forester.

Moreover, it is also advisable that you also consult with a local nursery or arborist about a desired tree. There are some trees on this list that may stand a theoretical chance of growing well, experience sometimes teaches us differently.

Only desirable long-lived trees of good appearance, beauty, adaptability, and generally free from injurious pests or diseases shall be planted in public sites. The City Forester shall periodically review the species, cultivars and varieties included on the approved list to determine if any should be removed for any reason, or if certain new species, cultivars or varieties of proven dependability and value should be added.

Where street blocks have been assigned a particular species or variety on a Master Street Tree Plan, only these shall be planted subject to revision by the City.

List of Currently Prohibited Trees

[From the current city ordinance 7-2-4: C1]

Box elder (except for the cultivar "Sensation"),
 Cottonwood,
 Poplar,
 Willow,
 Mountain ash,
 American elm,
 Fruit trees (except ornamental types),
 Nut trees,
 Ailanthus, and
 Oregon or big leafed maple.

List Only Of Approved Tree Species And/Or Cultivars

Class I—Small to Medium Size Trees

Acer Campestrel/ **Hedge Maple**/ "Flame" or "Evelyn" aka "Queen Elizabeth"
Acer Ginnala/ **Amur Maple**
Acer Griseum/ **Paperbark Maple**
Acer Plantanoides/ **Crimson Sentry Maple**
Acer Tartaricum/ **Tartarian Maple**
Acer Truncatum/ **Purple Blow Maple**
Acer Truncatum x Acer Plantanoides/ **Maple**/"Pacific Sunset Maple"
Amelanchier x grandiflora/ **Serviceberry**/ "Robin Hill" and
 Or *Amelanchier x laevis*/ **Service berry**/ "Cumulus," "Autumn Brilliance"
Carpinus caroliniana/ **American Hornbeam**
Cornus kousa or *mas*/ **Dogwood** *kousa* or *dogwood* *cornelian cherry*
Crataegus/ **Hawthorne**/ "Crimson Cloud," "Lavalle," "Washington," "Toba," "Winter King."
Laburnum x watereri/ **Golden Chain Tree**
Maackia Amurensis/ **Amur Maackia**
Malus species/ **Flowering Crab Apple**
Pyrus calleryana/ **Flowering Pear**/ "Capital"
Prunus cerasifera/ **Purple Leaf Flowering Plum**/ "Newport," "Mt. St. Helens," "Thundercloud," "Krauter Vesuvius"
Prunus Padus/ **May Day Tree** "Merlot"
Prunus Padus/ **May Day Tree**
Prunus sargentii / **Columnar Sargent Cherry**
Prunus serrulata/ **Amanogawa**
Prunus serrulata / **Kwanzan Cherry**
Prunus virginiana / **Chokecherry**/ "Canadian Red"
Oxydendron arboretum / **Sourwood**
Syringa Reticulata / **Japanese Tree Lilac**/ "Ivory Silk" or "Summer Snow" [see also *Syringa Pekinensis*, a less formal-looking species]
Styrax japonicus / **Japanese Snowbell**

Class II—Medium to Large Trees

Acer Negundo / **Box Elder**/ "Sensation"
Acer Plantanoides / **Norway Maple**/ "Globosum."
Acer Plantanoides / **Norway Maple**/ "Columnare"
Acer Plantanoides / **Norway Maple**/ "Ezestre" or "Easy Street"
Acer Plantanoides / **Norway Maple**/ "Fairview"
Acer Plantanoides / **Norway Maple**/ "Parkway" ("Columnarbroad")
Acer Rubrum / **Red Leaf Maple**/ "Karpick"
Acer Rubrum / **Red Leaf Maple**/"Armstrong"
Acer Rubrum / **Red Leaf Maple**/"Bowhall"
Acer x freemanii / **Hybrid Maple**/ "Armstrong"
Acer truncatum x acer plantanoides / **Norwegian Sunset Maple**/ "Keithsform"
Carpinus betulus / **European Hornbeam**/ "Columnaris" or "Fastigiata"
Cersis Canadensis / **Eastern Redbud**
Celtis occidentalis/ **Hackberry**
Cercidiphyllum japonicum/ **Katsura Tree**
Cladrastis kentukea / **Yellowwood**
Cotinus Obovatus/ **American Smoke Tree**
Fagus sylvatica/ **European Beech**/ "Fastigate" and "Dawyck"
Fraxinus nigra/ **Green Ash**/ "Fallgold"
Fraxinus pennsylvanica/ **Green Ash**/
Gleditsia tricanthos/ **Honey Locust**/"Morraine"
Gleditsia tricanthos/ **Honey Locust**/ "Skyline"
Gleditsia tricanthos/ **Honey Locust**/ "Imperial"
Gleditsia tricanthos/ **Honey Locust**/ "Shademaster"
Koelreuteria paniculata/ **Goldenrain Tree**
Liriodendron tulipifera/ **Tuliptree**/ "Fastigiatum"
Nyssa sylvatica/ **Black Gum or Tupelo**
Ostrya virginiana / **Ironwood or American Hop hornbeam**
Parrotia persica/ **Persian Parrotia**

Prunus Maackii/ **Amur Chokecherry**
 Pyrus calleryana/ **Flowering Pear**/ "Autumn Blaze"
 Pyrus calleryana/ **Flowering Pear**/ "Chanticleer"
 Pyrus calleryana/ **Flowering Pear**/ "Redspire"
 Quercus robur/ English **Columnar Oak**/ "Fastigiata"
 Sorbus americana or alnifolia or aucuparia or decora/ **Mountain Ash**
 Tilia americana/ **American Linden**/ "Boulevard"
 Tilia cordata/ **Littleleaf Linden**/ "Chancellor"
 Tilia x euchlora / **Crimean Linden**

Class III—Large Trees

Acer Plantanoides/ **Norway Maple**/ "Summershade"
 Acer Plantanoides/ **Norway Maple**/ "Schwedler"
 Acer Plantanoides/ **Norway Maple**/ "Emerald Queen"
 Acer Plantanoides/ **Norway Maple**/ "Deborah"
 Acer Plantanoides/ **Norway Maple**/ "Emerald Lustre"
 Acer Plantanoides/ **Norway Maple**/ "Superform"
 Acer Rubrum/ **Red Maple**/ "Autumn Flame"
 Acer Rubrum/ **Red Maple**/ "Northwood"
 Acer Rubrum/ **Red Maple**/ "Red Sunset"
 Corylus colurna/ **Turkish Filbert**
 Fagus grandifolia/ **American Beech**
 Fraxinus pennsylvanica / **Green Ash**/
 Fraxinus americana/ **White Ash**/ "Autumn Applause"
 Fraxinus americana/ **White Ash**/ "Autumn Purple"
 Fraxinus americana/ **White Ash**/ "Rosehill"
 Fraxinus americana/ **White Ash**/ "Skyline"
 Ginkgo biloba/ **Ginkgo** or **Maidenhead Tree**
 Ginkgo biloba/ **Ginkgo**/ or **Maidenhead Tree** /"Autumn Gold"
 Ginkgo biloba/ **Ginkgo**/ or **Maidenhead Tree** /"Princeton Sentry"
 Liquidambar styraciflua/ **Sweetgum**/ "Moraine"
 Liriodendron tulipifera/ **Tuliptree**
 Phellodendron amurense/ **Amur Cork Tree**/ "Macho" or "Shademaster"
 Plantanus x acerifolia/ **London Planetree**/ "Bloodgood"
 Quercus acutissima/ **Sawtooth Oak**
 Quercus macrocarpa/ **Bur Oak**
 Quercus bicolor/ **Swamp White Oak**
 Quercus palustris/ **Pin Oak**
 Quercus alba/ **White Oak**
 Quercus rubra/ **Northern Red Oak**
 Sophora japonica/ **Japanese Pagoda Tree**/ "Regent"
 Tilia americana/ **American Linden** /"Redmond"
 Tilia cordata/ **Little Leaf Linden**/ "Greenspire"
 Tilia cordata/ **Little Leaf Linden**/ "Glenleven"
 Tilia cordata/ **Little Leaf Linden**/ "Shamrock"
 Tilia Tomentosa/ **Silver Linden**/ "Sterling" or "Green Mountain"
 Ulmus/ **Elm**/ "Homestead"
 Ulmus / japonica/ **Elm** "Discovery"
 Ulmus/ **Elm**/ "Frontier"
 Ulmus/ **Elm**/ "Morton Plainsman" aka "Vanguard"
 Ulmus wilsoniana/ **Elm**/ "Prospector"
 Zelkova serrata/ **Japanese Zelkova**/ "Green Vase" or "Village"

III. CITY OF SANDPOINT AREAS OF RESPONSIBILITY FOR THE CARE AND MAINTENANCE OF PUBLIC TREES

Scope

List and Boundaries

Pending Council Approval:

- Fifth Avenue Corridor from Larch to Cedar
- Downtown Core, bounded by Pine on the south, First on the east, Cedar on the north and Fifth Avenue on the west

CEDAR STREET RECONSTRUCTION

CITY OF SANDPOINT, IDAHO

75% DESIGN

CONTACT:

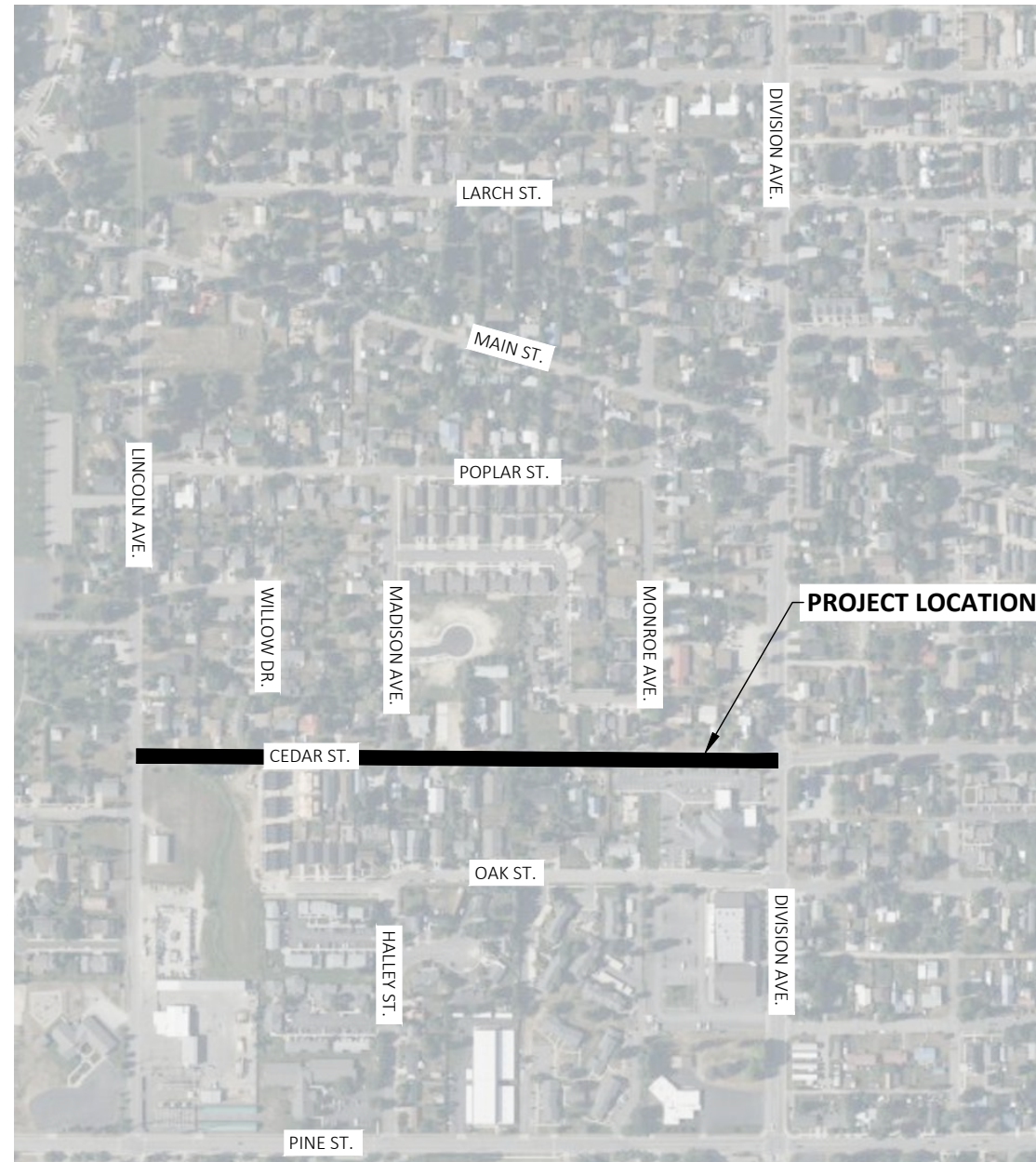
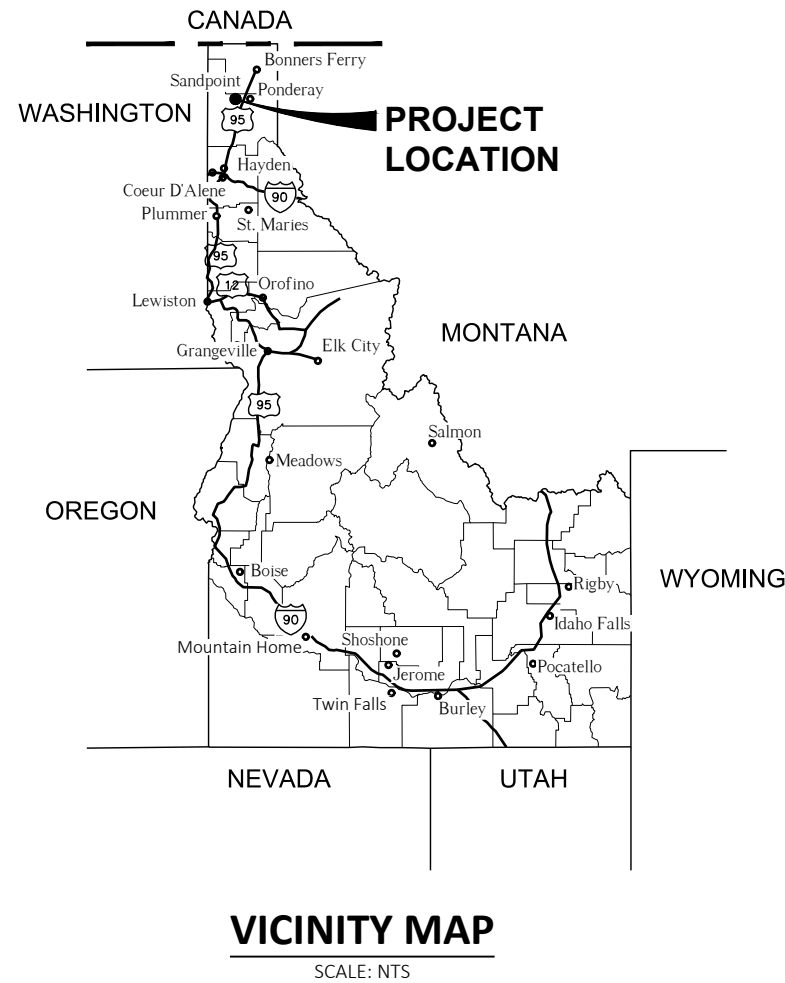
CITY OF SANDPOINT
 ADDRESS: 1123 LAKE ST, SANDPOINT, ID 83864
 PH: 208.263.3158



476864 Highway 95, Suite 3
 Ponderay, ID 83852
 (208) 635-5825

CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID

COVER SHEET



PROJECT CONTACT INFORMATION

OWNER

CITY OF SANDPOINT
 HOLLY ELLIS, PUBLIC WORKS DIRECTOR
 TEL: 208.946.2087
 EMAIL: HELLIS@SANDPOINTIDAHO.GOV

PROJECT ENGINEER

HMH ENGINEERING
 DAN TADIC
 TEL: 208.635.5825
 EMAIL: DTADIC@HMH-LLC.COM

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
 SCALE: (11X17 ONLY)

DWG: M24005 - COVER.dwg
 PROJECT NO: M24005
 DRAWN BY: DJJ
 CHECKED BY: DMT
 DATE: DECEMBER 2024

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

C0.00

DRAWING: 50
 SHEET: 1 OF XX

Plot Date: 1/3/2025 9:28 AM Plotted By: Destiny Hilliard Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - COVER.DWG



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FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: M24001 - 00 - COVER.dwg
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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REVISIONS
NO. DATE BY DESCRIPTION

C0.01

DRAWING: 51
SHEET: 2 OF XX

SHEET INDEX TABLE

SHEET NUMBER	DRAWING NUMBER	SHEET TITLE	STATION
1	C0.00	COVER SHEET	
2	C0.01	SHEET INDEX	
3	C0.02	GENERAL NOTES	
4	C0.03	GENERAL NOTES	
5	C0.04	LEGENDS AND ABBREVIATIONS	
6	C1.00	DEMOLITION OVERALL PLAN	
7	C1.01	CEDAR STREET DEMOLITION PLAN	STA. 9+75 TO STA. 12+00
8	C1.02	CEDAR STREET DEMOLITION PLAN	STA. 12+00 TO STA. 14+50
9	C1.03	CEDAR STREET DEMOLITION PLAN	STA. 14+50 TO STA. 16+75
10	C1.04	CEDAR STREET DEMOLITION PLAN	STA. 16+75 TO STA. 19+50
11	C1.05	CEDAR STREET DEMOLITION PLAN	STA. 19+50 TO STA. 22+00
12	C1.06	CEDAR STREET DEMOLITION PLAN	STA. 22+00 TO STA. 24+75
13	C1.07	CEDAR STREET DEMOLITION PLAN	STA. 24+75 TO STA. 27+00
14	C1.08	CEDAR STREET DEMOLITION PLAN	STA. 27+00 TO END
15	C1.09	MADISON AVENUE DEMOLITION PLAN	STA. 0+28 TO END
16	C2.00	ROADWAY OVERALL PLAN	
17	C2.01	CEDAR STREET ROADWAY P&P	STA. 9+75 TO STA. 12+15
18	C2.02	CEDAR STREET ROADWAY P&P	STA. 12+15 TO STA. 14+75
19	C2.03	CEDAR STREET ROADWAY P&P	STA. 14+75 TO STA. 17+50
20	C2.04	CEDAR STREET ROADWAY P&P	STA. 17+50 TO STA. 19+50
21	C2.05	CEDAR STREET ROADWAY P&P	STA. 19+50 TO STA. 21+75
22	C2.06	CEDAR STREET ROADWAY P&P	STA. 21+75 TO STA. 24+50
23	C2.07	CEDAR STREET ROADWAY P&P	STA. 24+50 TO STA. 27+00

24	C2.08	CEDAR STREET ROADWAY P&P	STA. 27+00 TO END
25	C2.09	MADISON AVENUE ROADWAY PLAN	STA. 0+28 TO END
26	C2.10	TYPICAL ROAD SECTIONS	
27	C3.00	STORMWATER OVERALL PLAN	
28	C3.01	CEDAR STREET STORMWATER P&P	STA. 9+75 TO STA. 12+30
29	C3.02	CEDAR STREET STORMWATER P&P	STA. 12+30 TO STA. 15+00
30	C3.03	CEDAR STREET STORMWATER P&P	STA. 15+00 TO STA. 17+50
31	C3.04	CEDAR STREET STORMWATER P&P	STA. 17+50 TO STA. 19+50
32	C3.05	CEDAR STREET STORMWATER P&P	STA. 19+50 TO STA. 22+00
33	C3.06	CEDAR STREET STORMWATER P&P	STA. 22+00 TO STA. 24+60
34	C3.07	CEDAR STREET STORMWATER P&P	STA. 24+60 TO STA. 27+00
35	C3.08	CEDAR STREET STORMWATER P&P	STA. 27+00 TO END
36	C3.09	OFF-SITE STORMWATER P&P	STA. -9+25 TO STA. -7+00
37	C3.10	OFF-SITE STORMWATER P&P	STA. -7+00 TO STA. -4+50
38	C3.11	OFF-SITE STORMWATER P&P	STA. -4+50 TO STA. -2+00
39	C3.12	OFF-SITE STORMWATER P&P	STA. -2+00 TO STA. 0+50
40	C3.13	OFF-SITE STORMWATER P&P	STA. 0+50 TO STA. 2+50
41	C3.14	MADISON AVENUE STORMWATER P&P	STA. 0+00 TO END
42	C4.00	WATER MAIN OVERALL PLAN	
43	C4.01	CEDAR STREET WATER MAIN P&P	STA. 9+75 TO STA. 12+00
44	C4.02	CEDAR STREET WATER MAIN P&P	STA. 12+00 TO STA. 14+50
45	C4.03	CEDAR STREET WATER MAIN P&P	STA. 14+50 TO STA. 17+00
46	C4.04	CEDAR STREET WATER MAIN P&P	STA. 17+00 TO STA. 19+50
47	C4.05	CEDAR STREET WATER MAIN P&P	STA. 19+50 TO STA. 22+00
48	C4.06	CEDAR STREET WATER MAIN P&P	STA. 22+00 TO STA. 24+50

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC) CURRENT EDITION AND SANDPOINT CITY CODE. IN THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
2. CLEAR AND GRUB TO THE LIMITS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ISPMC SECTION 201. REMOVE ALL DEBRIS, TREES, STUMPS, BRUSH, GRASSES, ROOTS, ORGANIC SOIL, EXISTING FILL OR ANY OTHER DELETERIOUS MATERIAL AS INDICATED. ONSITE DISPOSAL OF ORGANIC MATERIALS IS NOT ALLOWED WITHOUT WRITTEN CONSENT OF THE OWNER.
3. EXISTING PROPERTY CORNERS OR SURVEY MONUMENTS SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS SHALL BE RE-ESTABLISHED BY PROFESSIONAL SURVEYORS, LICENSED TO WORK IN THE STATE OF IDAHO, PRIOR TO FINAL ACCEPTANCE, AT THE CONTRACTOR'S EXPENSE.
4. EXISTING UTILITIES SHALL BE LOCATED BY CONTACTING CALL BEFORE YOU DIG AT 811, AT LEAST 48 HOURS PRIOR TO STARTING ANY EARTHWORK ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY PROVIDERS PRIOR TO STARTING ANY WORK NEAR ANY FACILITIES AND SHALL COORDINATE THEIR WORK WITH UTILITY REPRESENTATIVES.
5. THE CONTRACTOR SHALL MAINTAIN STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USEABLE CONDITION. ALL SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USEABLE CONDITION.
6. PROPERTY DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION OR BETTER AT NO ADDITIONAL COST TO THE OWNER.
7. DETOUR ROUTES SHALL BE MAINTAINED IN SAFE AND USEABLE CONDITION AND SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AT NO ADDITIONAL COST TO THE OWNER.
8. A NOTICE OF INTENT (NOI) WITH THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (IDEQ) SHALL BE FILED. A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND NOI SHALL BE PROVIDED TO THE ENGINEER AND CITY OF SANDPOINT PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED ON SITE FOR THE DURATION OF CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROPOSED TRAFFIC CONTROL IN ACCORDANCE WITH THE MUTCD CURRENT EDITION AND CITY OF SANDPOINT REQUIREMENTS. AT LEAST 48 HOURS PRIOR TO ANY PROPOSED TRAFFIC DISRUPTION, THE CONTRACTOR SHALL PREPARE AND SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER AND CITY OF SANDPOINT FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL APPROVAL IS GRANTED AND ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROJECT INSPECTIONS AND TESTS, INCLUDING MATERIALS TESTING AND QUALITY CONTROL. AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE CITY OF SANDPOINT PRIOR TO FINAL ACCEPTANCE.
11. ALL DIMENSIONS SHOWN ARE TO CENTER OF PIPE OR FLOWLINE UNLESS NOTED OTHERWISE.
12. ALL ELEVATIONS ARE TOP OF CONCRETE, TOP OF ASPHALT, OR CURB FLOWLINE UNLESS NOTED OTHERWISE.

EARTHWORK AND GRADING NOTES:

1. ALL CUTS AND FILLS SHALL BE CONFINED TO THE LIMITS INDICATED ON THE PLANS.
2. EXCAVATED MATERIAL MAY BE INCORPORATED INTO THE WORK AS BORROW AT THE DISCRETION OF THE ENGINEER.
3. THE CONTRACTOR SHALL ENSURE THAT ALL TEMPORARY SLOPES ARE STABLE AND THAT APPROPRIATE EROSION CONTROL MEASURES ARE IN PLACE AND MAINTAINED.
4. DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH ISPMC REQUIREMENTS. ALL COMPACTION EFFORTS SHALL BE MONITORED AND TESTED BY AN EXPERIENCED SOIL TECHNICIAN REPRESENTING THE CONTRACTOR.
6. ENGINEERED FILLS SHALL CONFORM TO THE REQUIREMENTS OF THE ISPMC, PLANS AND SPECIFICATIONS. THE ENGINEER SHALL REVIEW AND APPROVE ALL IMPORT AGGREGATE SOURCES AND PRODUCTS PRIOR TO INCORPORATION INTO THE WORK.
7. ALL FILL MATERIAL SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM MOISTURE PRIOR TO PLACEMENT. LIFTS SHALL NOT EXCEED EIGHT INCHES LOOSE THICKNESS. ALL FILL SHALL BE COMPACTED TO ISPMC OR PROJECT SPECIFICATIONS. ANY FILL MATERIAL TOO COARSE TO TEST, SHALL BE PLACED IN CONTROLLED LIFTS UNDER A PERFORMANCE-BASED METHOD, AS OUTLINED WITHIN THE ISPMC.
8. NO FILL SHALL BE PLACED ON FROZEN OR SNOW-COVERED GROUND. PLACEMENT OF FROZEN FILL IS NOT ALLOWED.
9. FILL PLACED ON SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL SHALL BE KEYED INTO THE UNDISTURBED GROUND WITH HORIZONTAL BENCHES HAVING A VERTICAL FACE APPROXIMATELY 1 FOOT IN HEIGHT. SLOPE EACH BENCH TO DRAIN.
10. IMPORTED FILL MATERIAL SHALL CONFORM TO THE FOLLOWING:
 - A) ROCK CAP SHALL BE IN ACCORDANCE WITH THE 2023 IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING
3 INCH	100
1 1/2 INCH	55 - 85
3/4 INCH	10 - 35
1/2 INCH	5 - 15
#4	0 - 5

- B) TOP COURSE SHALL BE IN ACCORDANCE WITH THE ISPMC, CRUSHED AGGREGATE FOR BASE, TYPE I AND MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING
1 INCH	100
3/4 INCH	90 - 100
#4	40 - 65
#8	30 - 50
#200	3 - 9

11. PRIOR TO REQUESTING OBSERVATION OF THE FINISHED ROCK CAP, RED TOP STAKES SET TO FINISHED ROCK CAP ELEVATION, SHALL BE PLACED AT FIFTY FOOT (50') STATIONING ON CURVES AND ONE HUNDRED FOOT (100') STATIONING ON TANGENTS AT CENTERLINE AND SHOULDERS.
12. PRIOR TO REQUESTING OBSERVATION OF THE FINISHED TOP COURSE MATERIAL, BLUE TOP STAKES WILL BE SET TO FINISHED BASE ELEVATIONS AT FIFTY FOOT (50') STATIONING ON CURVES AND ONE HUNDRED FOOT (100') STATIONING ON TANGENTS AT CENTERLINE AND SHOULDERS.

HOT MIX SURFACING NOTES:

1. ASPHALT PAVEMENT SHALL CONFORM WITH IDAHO TRANSPORTATION DEPARTMENT (ITD) SPECIFICATIONS FOR SUPERPAVE. PAVEMENT SHALL BE SP3 PG 58-28 WITH 1/2" MAX AGGREGATE SIZE. PAVEMENTS WITH A SECTION OF 3" OF LESS MAY BE PLACED IN ONE LIFT. PAVEMENTS WITH A SECTION GREATER THAN 3" SHALL BE PLACED IN MULTIPLE LIFTS. MINIMUM LIFT THICKNESS OF 1.5" AND MAXIMUM LIFT THICKNESS OF 3". MIX DESIGN MUST BE SUBMITTED TO THE ENGINEER AND CITY OF SANDPOINT FOR APPROVAL.
2. NO ASPHALT SHALL BE PLACED ON WET OR FROZEN GROUND, OR WHEN WEATHER OR SURFACE CONDITIONS WILL OTHERWISE PREVENT THE PROPER HANDLING OR FINISHING OF THE SUPERPAVE HMA MATERIAL. PLACE SUPERPAVE HMA AS SPECIFIED IN THE TEMPERATURE LIMITATIONS IN ISPMC SECTION 810, TABLE 4.
3. DURING PAVING OPERATIONS, THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION AND QUALITY CONTROL TESTING. ALL TESTING SHALL BE PERFORMED BY A QUALIFIED TECHNICIAN. THE PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH ISPMC SECTION 810.
4. EXTRACTION CORING AND GRADATION TESTS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER TO VERIFY PAVEMENT THICKNESS, COMPACTION AND MATERIALS.
5. THE FINAL SURFACE SHALL BE OF A UNIFORM TEXTURE AND SHALL CONFORM TO LINES AND GRADES SHOWN ON THE PLANS. BOTH DENSITY AND THICKNESS SHALL BE CAREFULLY CONTROLLED DURING CONSTRUCTION AND SHALL BE IN FULL COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. ALL UNSATISFACTORY WORK SHALL BE REPAIRED, REPLACED, OR CORRECTED.
6. A 10-FOOT STRAIGHTEDGE SHALL BE USED TO TEST THE FINISHED SURFACE IN SUCCESSIVE POSITIONS, PARALLEL AND PERPENDICULAR TO THE STREET CENTERLINE, IN CONTACT WITH THE SURFACE AND THE ENTIRE AREA CHECKED FROM ONE SIDE TO THE OTHER. ADVANCES ALONG THE PAVEMENT SHALL BE IN SUCCESSIVE STAGES OF NOT MORE THAN THE LENGTH OF THE STRAIGHTEDGE.
7. IRREGULARITIES WHICH MAY DEVELOP BEFORE THE COMPLETION OF ROLLING SHALL BE REMEDIATED BY LOOSENING THE SURFACE MIX AND REMOVING OR ADDING MATERIALS AS MAY BE REQUIRED. ANY IRREGULARITIES OR DEFECTS WHICH ARE FOUND AFTER THE FINAL ROLLING, WHICH VARY MORE THAN 0.02 FEET IN 10 FEET FOR SURFACE COURSES SHALL BE CORRECTED. ALL MINOR SURFACE PROJECTIONS, JOINTS AND MINOR HONEYCOMBED SURFACES SHALL BE REPAIRED SMOOTH TO GRADE, AS MAY BE DIRECTED BY THE ENGINEER AND CITY OF SANDPOINT.

SIGNAGE AND STRIPING NOTES:

1. ALL WORK SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC) CURRENT EDITION.
2. PERMANENT TRAFFIC SIGNAGE SHALL BE STEEL POST IN ACCORDANCE WITH ISPMC SECTION 1105 AND SD-1130.
3. ALL PERMANENT SIGNAGE SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CURRENT EDITION IN SHAPE, COLOR, AND SIZE.
4. PERMANENT PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH ISPMC SECTION 1104. ALL MARKINGS SHALL BE PAVEMENT PAINT (WATER BORNE) UNLESS NOTED OTHERWISE.



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

GENERAL NOTES

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1"
SCALE: (11X17 ONLY)

DWG: M24005 - GENERAL NOTES.DWG
PROJECT NO: M24005
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DATE: DECEMBER 2024

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SEWER NOTES:

- ALL WORK SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC) CURRENT EDITION AND THE CITY OF SANDPOINT SEWER RULES AND REGULATIONS 2023. IN THE EVENT OF A CONFLICT, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- SANITARY SEWER MANHOLES SHALL BE PER ISPMC SECTION 502 AND ISPMC SD-501 AND SD-501A WITH CITY OF SANDPOINT CUSTOM FRAME AND LID.
- ALL SEWER PIPE AND FITTINGS SHALL BE PVC MEETING ASTM D 3034 SDR 35.
- SANITARY SEWER SERVICE JOINTS SHALL BE SOLVENT WELDED.
- SANITARY SEWER SERVICES SHALL BE INSTALLED WITH A MINIMUM DEPTH OF AT LEAST THREE AND ONE HALF (3.5) FEET OF COVER IN ALL PUBLIC WAYS OR OTHER LOCATIONS WHERE THE WEIGHT OF VEHICULAR TRAFFIC MIGHT CRUSH THE PIPE AND NOT LESS THAN THREE (3) FEET OF COVER IN ALL OTHER AREAS.
- BEDDING SYSTEM SHALL BE CLASS A-1 PER ISPMC SECTION 305 AND MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING
1 INCH	100
3/4 INCH	90 - 100
#4	40 - 65
#8	30 - 50
#200	3 - 9
- IMPORTED TRENCH BACKFILL IS REQUIRED AND SHALL BE IN ACCORDANCE WITH ISPMC SECTION 306.
- DISRUPTION OF EXISTING SEWER SERVICES WHILE MAKING CONNECTION TO EXISTING MAINS IS PROHIBITED, WITHOUT SPECIFIC APPROVAL FROM THE CITY OF SANDPOINT.
- ALL SEWER MAIN AND MANHOLE FLUSHING, TESTING, AND INSPECTION SHALL BE COMPLETED IN ACCORDANCE WITH ISPMC SECTION 501 AND 502 RESPECTIVELY.
- ASBUILT PLANS SHALL SHOW ALL SERVICES WITH STATIONING, OFFSET, AND DEPTH.

WATER NOTES:

- ALL WORK SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC) CURRENT EDITION AND THE CITY OF SANDPOINT WATER RULES AND REGULATIONS 2023. IN THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- WATER MAINS GREATER THAN 12 INCHES IN DIAMETER SHALL BE PVC AWWA C905, DR 18 PIPE AND SHALL UTILIZE BUTTERFLY VALVES. WATER MAINS LESS THAN 12 INCHES IN DIAMETER SHALL UTILIZE C900, DR 18 PIPE AND SHALL UTILIZE GATE VALVES. ALL WATER MAINS SHALL BE CONSTRUCTED WITH THE TOP OF PIPE FIVE (5) FEET BELOW FINISH GRADE, EXCEPT WHERE OTHERWISE INDICATED WITH SPECIFIC ELEVATIONS AND APPROVED BY THE ENGINEER AND CITY OF SANDPOINT.
- WATER SERVICES SHALL BE CONSTRUCTED OF POLYETHYLENE TUBING CONFORMING TO AWWA C901, 250 PSI LOCATED AND SIZED AS SHOWN ON THE CONSTRUCTION PLANS. ALL WATER SERVICES SHALL BE CONSTRUCTED WITH THE TOP OF PIPE FOUR (4) FEET BELOW FINISH GRADE AND OFFSET FROM A PROPERTY LINE BY FIVE (5) FEET, UNLESS NOTED OTHERWISE.
- 48 HOURS PRIOR TO DISRUPTION, SHUT-OFF, OR CONNECTION TO AN EXISTING WATER MAIN, THE CONTRACTOR SHALL INFORM AND RECEIVE APPROVAL FROM THE CITY OF SANDPOINT. ANY CONNECTION POINTS SHALL BE EXPOSED AT LEAST 24 HOURS PRIOR TO CONNECTION, TO VERIFY LOCATION AND FITTING REQUIREMENTS.
- AT LEAST 24 HOURS PRIOR TO SHUT-OFF, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED PROPERTIES UTILIZING FLYERS, DOOR HANGERS, OR LETTERS. NOTIFICATIONS SHALL CONTAIN AT A MINIMUM: DATE AND TIME OF SHUT-OFF, ANTICIPATED DURATION, CONTRACTOR'S NAME AND PHONE NUMBER, AND AN EMERGENCY CONTACT PERSON AND PHONE NUMBER. A COPY OF THE NOTIFICATION SHALL BE PROVIDED TO THE ENGINEER AND CITY OF SANDPOINT.
- NO CONNECTIONS FOR THE PURPOSE OF OBTAINING WATER SUPPLY DURING CONSTRUCTION SHALL BE MADE, WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF SANDPOINT.
- ANY AND ALL FITTINGS OR APPURTENANCES REMOVED FROM THE CITY OF SANDPOINT WATER SYSTEM AS PART OF THE PROJECT SHALL BE SALVAGED AND RETURNED TO THE CITY OF SANDPOINT WATER DIVISION BY THE CONTRACTOR AT THE CITY'S DISCRETION. OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL.
- ALL WATER MAINS AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS TRACER WIRE AND PLASTIC MARKER TAPE. PLASTIC MARKER TAPE SHALL BE INSTALLED TWO (2) FEET ABOVE WATER MAINS. TRACER WIRE SHALL BE INSTALLED ALONG THE TOP OF THE WATER MAIN AND SHALL BE TESTED PRIOR TO SUBGRADE APPROVAL.
- ALL WATER LINES SHALL BE SEPARATED FROM SANITARY OR STORM SEWER SYSTEMS IN ACCORDANCE WITH ISPMC SD-407.
- BEDDING SYSTEM SHALL BE CLASS A-1 PER ISPMC SECTION 305 AND MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING
1 INCH	100
3/4 INCH	90 - 100
#4	40 - 65
#8	30 - 50
#200	3 - 9
- IMPORTED TRENCH BACKFILL IS REQUIRED AND SHALL BE IN ACCORDANCE WITH ISPMC SECTION 306.
- MAXIMUM LIMITS OF WATER MAIN JOINT AND PIPE DEFLECTION SHALL BE OBTAINED FROM THE MANUFACTURER AND SUBMITTED TO THE ENGINEER AND CITY OF SANDPOINT PRIOR TO CONSTRUCTION.
- ALL THRUST BLOCKING SHALL BE FORMED IN PLACE AGAINST UNDISTURBED OR COMPACTED SOIL AND CONFORM TO THE MINIMUM DIMENSIONS SHOWN IN ISPMC SD-403. THE USE OF PRE-CAST THRUST BLOCKS IS PROHIBITED. ALL BOLTS AND NUTS SHALL BE FREE OF CONCRETE AND ACCESSIBLE BY A WRENCH.
- ALL WATER MAIN AND APPURTENANCE PRESSURE TESTING, FLUSHING, DISINFECTION AND TESTING SHALL BE COMPLETED IN ACCORDANCE WITH ISPMC SECTION 401 REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY THE CITY OF SANDPOINT AT LEAST 48 HOURS PRIOR TO TESTING AND OBTAIN APPROVAL PRIOR TO OPERATING VALVES TO PUT NEW MAINS INTO SERVICE.

- ALL WATER MAIN TAPS SHALL BE A MINIMUM OF 16 INCHES APART AND 16 INCHES FROM THE BELL AND STAB ENDS OF THE PIPE.
- PLACE 3M MID-RANGE MARKERS #1257 AT EACH WATER VALVE AND AT EACH WATER SERVICE CORP STOP.
- WATER SERVICE SADDLES SHALL BE ROMAC SST DOUBLE STRAP STAINLESS STEEL.
- WATER MAIN VALVE BOXES AND LIDS SHALL BE PER ISPMC SD-406. CAST IRON, TRAFFIC RATED IS REQUIRED. EXTEND TRACER WIRE UP TO THE TOP OF THE VALVE BOX.
- ASBUILT PLANS SHALL SHOW ALL SERVICES WITH STATIONING, OFFSET, AND DEPTH.



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CEDAR STREET RECONSTRUCTION
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EXISTING LEGEND:

	CURB AND GUTTER		FOUND 5/8" REBAR MONUMENT
	EXISTING BUILDING		FOUND IRON PIPE MONUMENT
	EXISTING ASPHALT		SANITARY SEWER MANHOLE
	EXISTING CONCRETE		STORM SEWER MANHOLE
	EXISTING GRAVEL DRIVEWAY		STORM CATCH BASIN SQUARE
	FENCE LINE		STORM CATCH BASIN ROUND
	STORM DRAIN LINE		POWER POLE
	8" STORM DRAIN LINE		GUY WIRE
	12" STORM DRAIN LINE		ELECTRIC VAULT
	18" STORM DRAIN LINE		ELECTRIC JUNCTION BOX
	UNDERGROUND POWER LINE		ELECTRIC METER
	OVERHEAD POWER LINE		LIGHT POLE
	GAS LINE		SIGN
	2" GAS LINE		GAS MARKER
	4" GAS LINE		GAS METER
	GAS SERVICE LINE		TELEPHONE MARKER
	FIBER OPTICS LINE		TELEPHONE VAULT
	6" WATER LINE		TELEPHONE RISER
	8" WATER LINE		WATER VALVE
	10" WATER LINE		WATER METER
	WATER SERVICE LINE		FIRE HYDRANT
	SANITARY SEWER LINE		SANITARY CLEANOUT
	8" SANITARY SEWER LINE		MAIL BOX
	18" SANITARY SEWER LINE		SPRINKLER
	RIGHT-OF-WAY LINE		WATER SPIGOT
	EASEMENT LINE		DECIDUOUS TREE
	ADJACENT PROPERTY BOUNDARY		CONIFEROUS TREE
	EXISTING GROUND CONTOURS		

PROPOSED LEGEND:

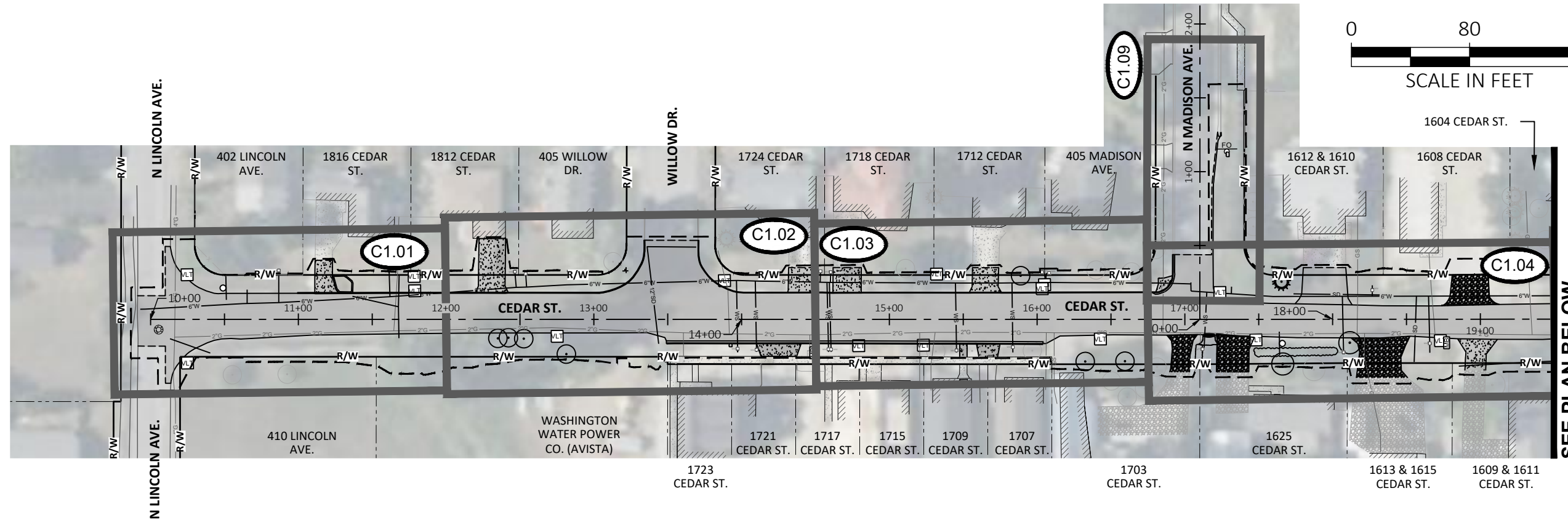
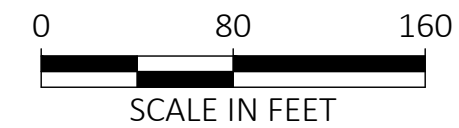
CONSTRUCTION LIMITS		STREET SIGN	
ROAD CENTERLINE		CURB INLET	
36" STORM DRAIN LINE		STORM DRAIN MANHOLE	
30" STORM DRAIN LINE		CATCH BASIN	
24" STORM DRAIN LINE		AREA DRAIN	
18" STORM DRAIN LINE		FIRE HYDRANT	
12" STORM DRAIN LINE		TEE	
8" STORM DRAIN LINE		BEND FITTING	
6" STORM DRAIN LINE		REDUCER	
4" PERFORATED STORM DRAIN LINE		GATE VALVE	
WATER MAIN		WATER METER	
WATER SERVICE			
CURB AND GUTTER			
ASPHALT SURFACE		TYPE 1 PEDESTRIAN RAMP	
CONCRETE SURFACE		TYPE 2 PEDESTRIAN RAMP	
GRAVEL SURFACE			
FINISH GRADE CONTOUR - MAJOR		TYPE 3 PEDESTRIAN RAMP	
FINISH GRADE CONTOUR - MINOR		TYPE 4 PEDESTRIAN RAMP	
ROADSIDE SWALE		TYPE 5 PEDESTRIAN RAMP	
CROSS WALK STRIPING - STEPLADDER		TYPE 6 PEDESTRIAN RAMP	
CROSS WALK STRIPING - PARALLEL			
CONCRETE DRIVEWAY APPROACH TYPE A (STANDARD WINGS)			
CONCRETE DRIVEWAY APPROACH TYPE B (SWALE INLET WITH APRON)			

ABBREVIATION LIST

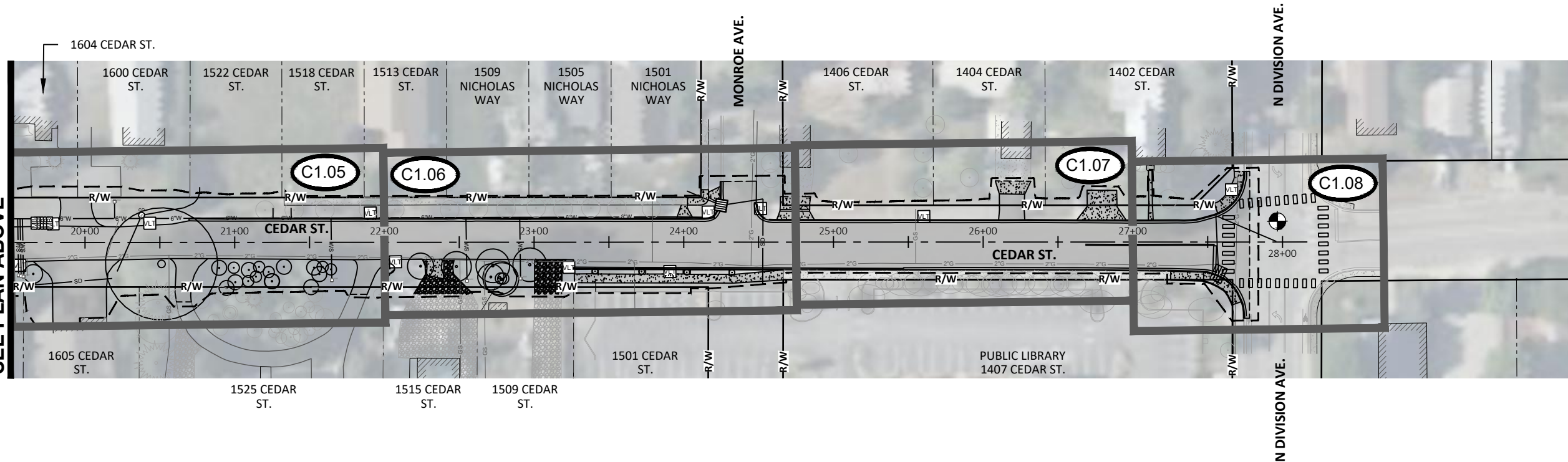
EG	EXISTING GROUND
FG	FINISH GRADE
FL	FLOW LINE
ME	MATCH EXISTING
TBC	TOP BACK OF CURB
TOC	TOP OF CONCRET
R/W	RIGHT OF WAY
P&P	PLAN AND PROFILE

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SEE PLAN BELOW



SEE PLAN ABOVE

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

DEMOLITION OVERALL PLAN

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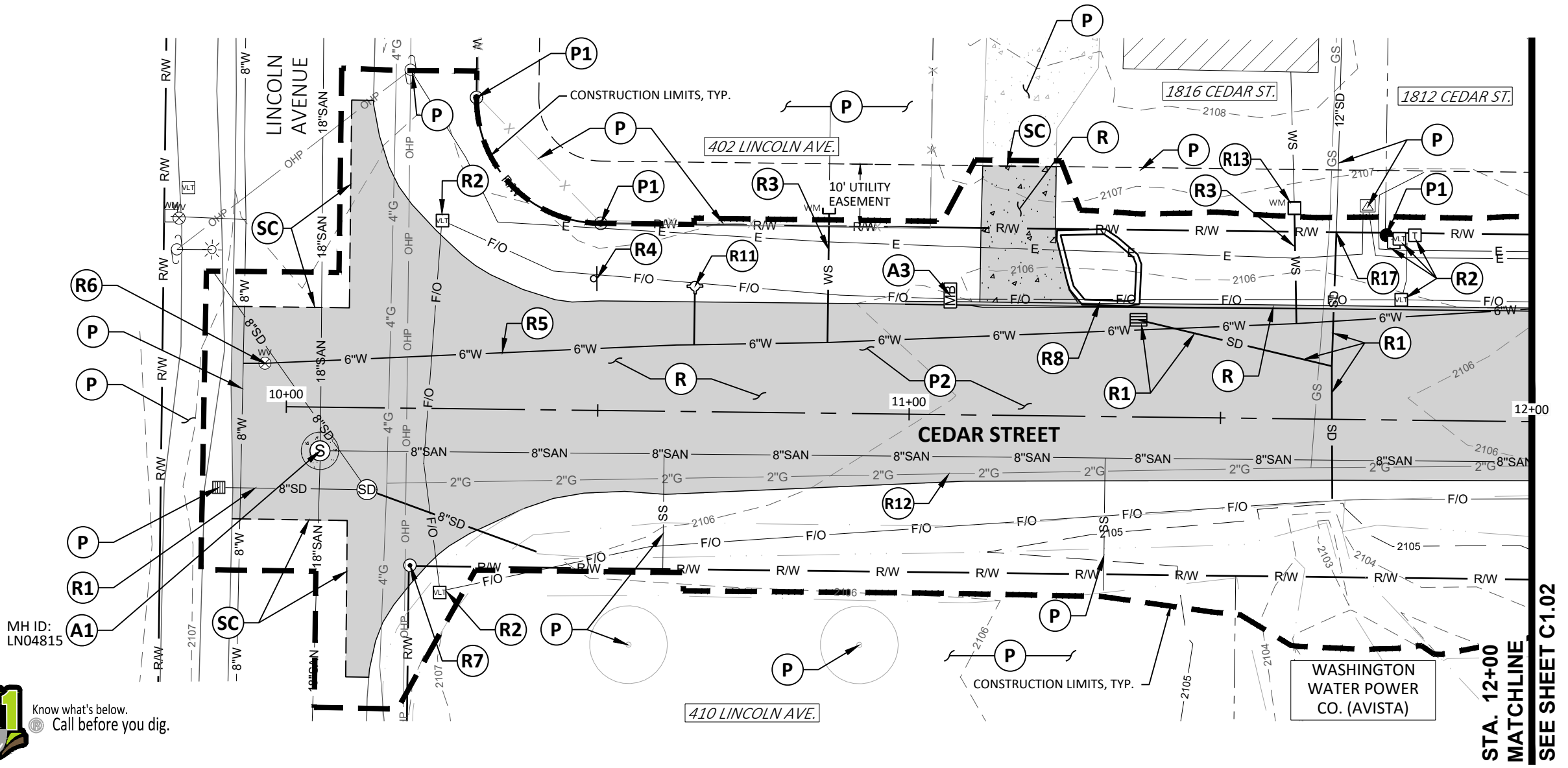
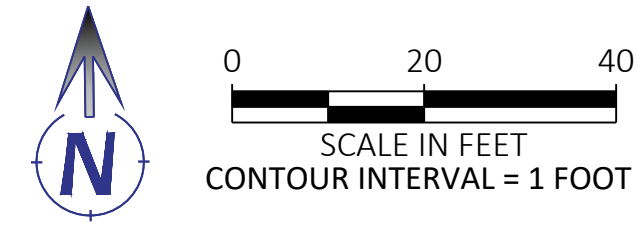
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DEMOLITION NOTES:

- (P)** CONTRACTOR SHALL PROTECT AND MAINTAIN IN PLACE.
- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P2)** CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN AND EXTENDING ACROSS THE CEDAR STREET CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT. CONTRACTOR SHALL ENSURE MAIL AND PACKAGE DELIVERY DURING CONSTRUCTION.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
- (R1)** CONTRACTOR SHALL REMOVE CULVERT, STORM PIPE, STORM STRUCTURES WITHIN RIGHT-OF-WAY AND LEGALLY DISPOSE OF MATERIALS OFF-SITE.
- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R12)** AVISTA GAS MAIN TO BE REPLACED WITH NEW 4" MAIN. COORDINATE WORK AND SCHEDULE WITH AVISTA.
- (R13)** UPON INSTALLATION, TESTING AND ACCEPTANCE OF NEW WATER MAIN, REMOVE AND DISPOSE OF EXISTING WATER METER. SALVAGE AND DELIVER METER REGISTER AND ENDPOINT TO CITY OF SANDPOINT PUBLIC WORKS. CONNECT EXISTING WATER SERVICE TO NEW HDPE SERVICE PIPE.
- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (R17)** CUT EXISTING STORM PIPE WHERE INDICATED ON PLANS. SEE STORM PLANS FOR ADDITIONAL INFORMATION.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
DEMOLITION PLAN
STA. 9+75 TO STA. 12+00

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1" SCALE: (11X17 ONLY)

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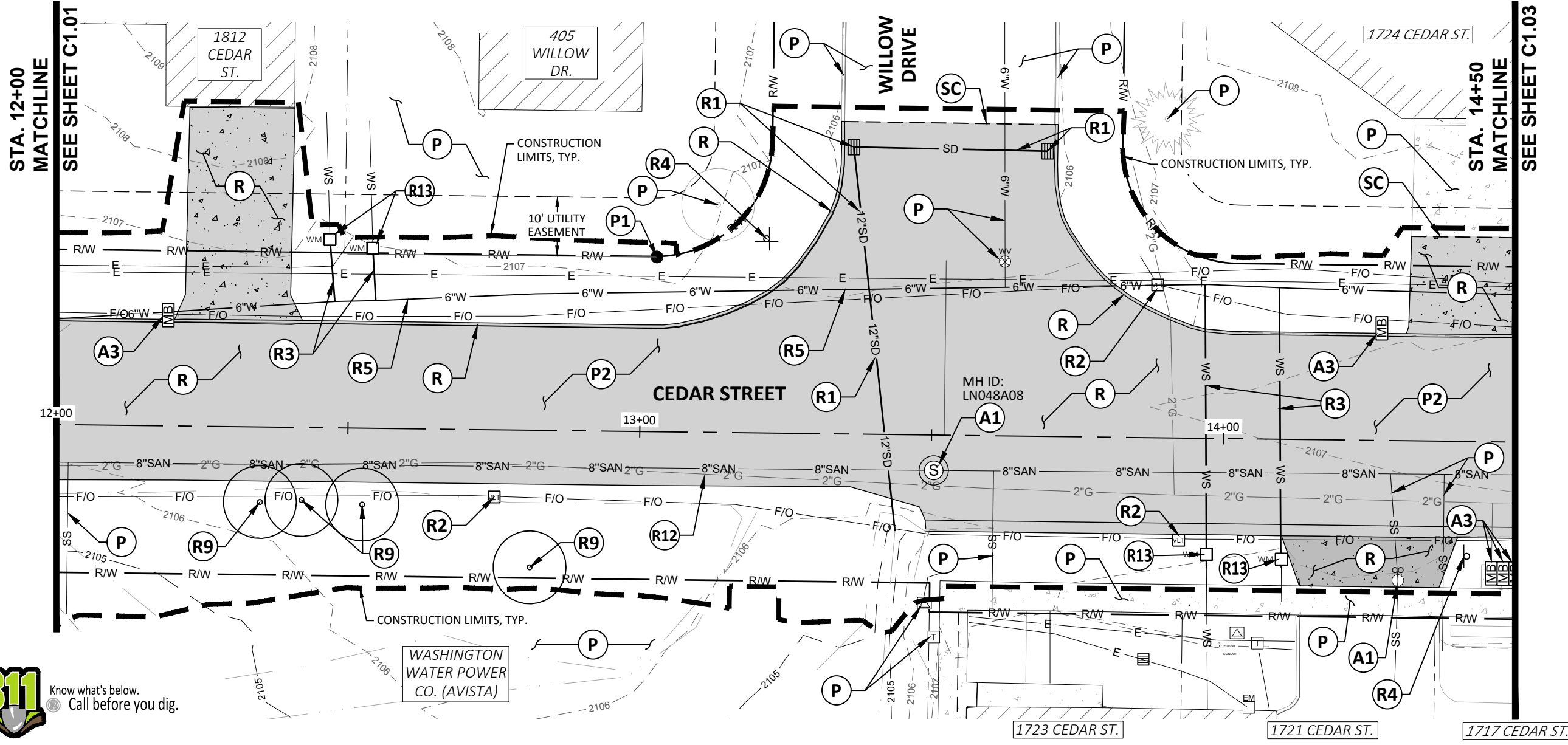
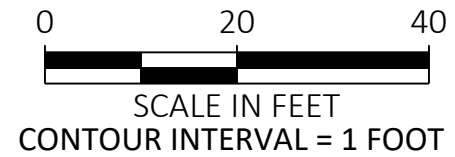
DEMOLITION NOTES:

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- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P2)** CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN AND EXTENDING ACROSS THE CEDAR STREET CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT. CONTRACTOR SHALL ENSURE MAIL AND PACKAGE DELIVERY DURING CONSTRUCTION.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.

- (R1)** CONTRACTOR SHALL REMOVE CULVERT, STORM PIPE, STORM STRUCTURES WITHIN RIGHT-OF-WAY AND LEGALLY DISPOSE OF MATERIALS OFF-SITE.
- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R9)** REMOVE EXISTING TREES TO INCLUDE STUMPS AND LEGALLY DISPOSE OF OFFSITE.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

- (R12)** AVISTA GAS MAIN TO BE REPLACED WITH NEW 4" MAIN. COORDINATE WORK AND SCHEDULE WITH AVISTA.
- (R13)** UPON INSTALLATION, TESTING AND ACCEPTANCE OF NEW WATER MAIN, REMOVE AND DISPOSE OF EXISTING WATER METER. SALVAGE AND DELIVER METER REGISTER AND ENDPOINT TO CITY OF SANDPOINT PUBLIC WORKS. CONNECT EXISTING WATER SERVICE TO NEW HDPE SERVICE PIPE.
- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
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CEDAR STREET RECONSTRUCTION
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CEDAR STREET
DEMOLITION PLAN
STA. 12+00 TO STA. 14+50

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NO.	DATE	BY	DESCRIPTION

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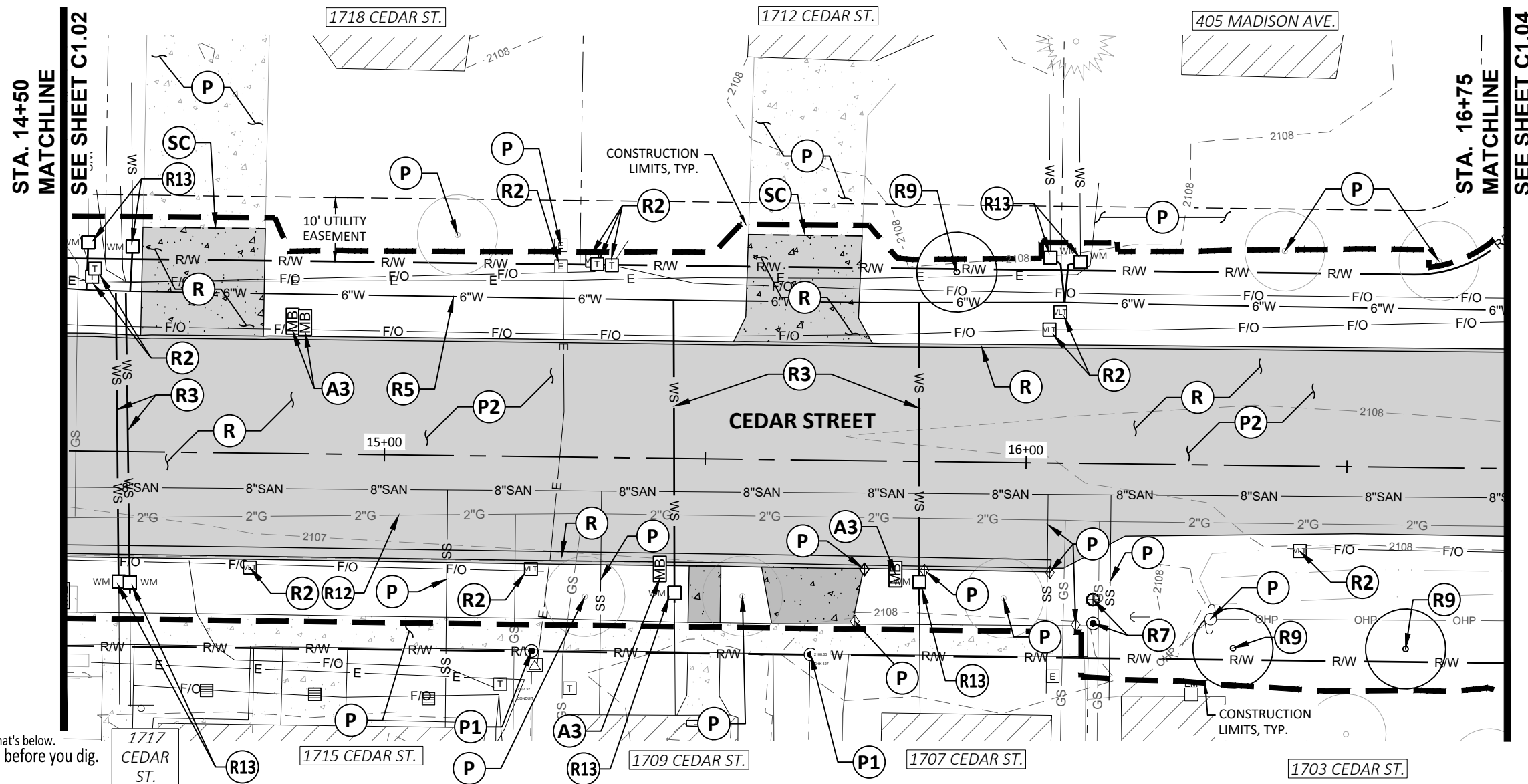
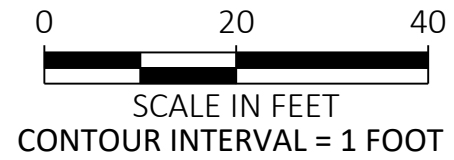
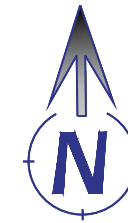
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DEMOLITION NOTES:

- (P)** CONTRACTOR SHALL PROTECT AND MAINTAIN IN PLACE.
- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P2)** CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN AND EXTENDING ACROSS THE CEDAR STREET CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT. CONTRACTOR SHALL ENSURE MAIL AND PACKAGE DELIVERY DURING CONSTRUCTION.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
- (R1)** CONTRACTOR SHALL REMOVE CULVERT, STORM PIPE, STORM STRUCTURES WITHIN RIGHT-OF-WAY AND LEGALLY DISPOSE OF MATERIALS OFF-SITE.
- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R7)** CONTRACTOR IS RESPONSIBLE FOR PRESERVATION, REMOVAL, AND REPLACEMENT OF ALL EXISTING SURVEY MONUMENTS WITHIN THE WORK AREA IN ACCORDANCE WITH IDAHO CODE 55-1613. CONTRACTOR SHALL NOTIFY THE ENGINEER UPON RE-ESTABLISHMENT OF MONUMENTS.
- (R9)** REMOVE EXISTING TREES TO INCLUDE STUMPS AND LEGALLY DISPOSE OF OFFSITE.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R12)** AVISTA GAS MAIN TO BE REPLACED WITH NEW 4" MAIN. COORDINATE WORK AND SCHEDULE WITH AVISTA.
- (R13)** UPON INSTALLATION, TESTING AND ACCEPTANCE OF NEW WATER MAIN, REMOVE AND DISPOSE OF EXISTING WATER METER. SALVAGE AND DELIVER METER REGISTER AND ENDPOINT TO CITY OF SANDPOINT PUBLIC WORKS. CONNECT EXISTING WATER SERVICE TO NEW HDPE SERVICE PIPE.
- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

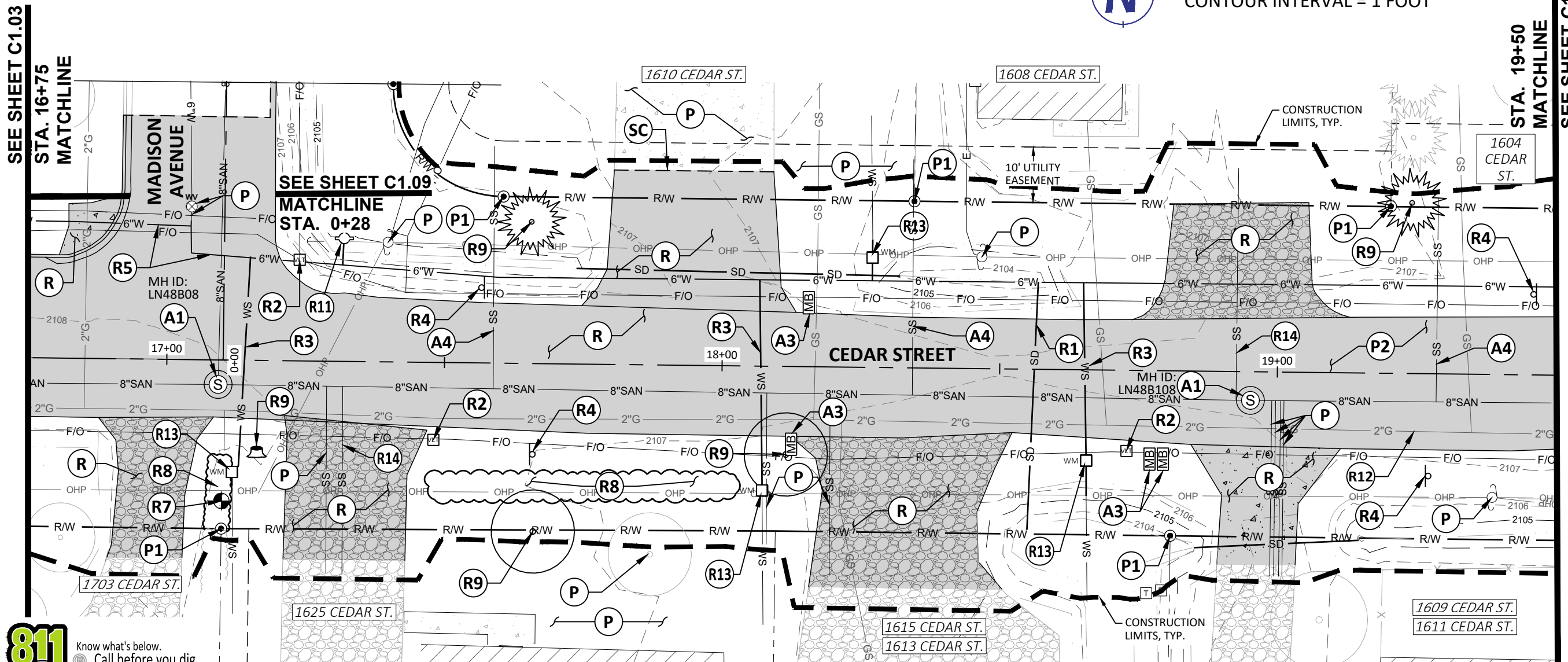
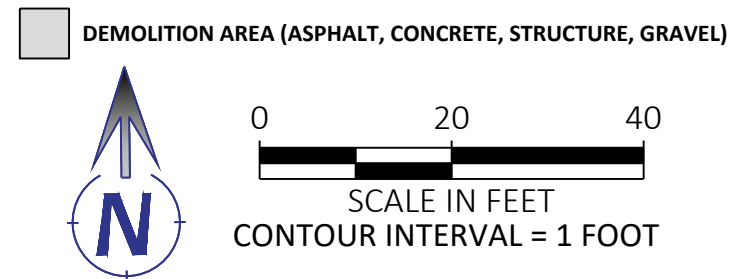
C1.03

DRAWING: 58
SHEET: --- OF XX



DEMOLITION NOTES:

- (P)** CONTRACTOR SHALL PROTECT AND MAINTAIN IN PLACE.
- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P2)** CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN AND EXTENDING ACROSS THE CEDAR STREET CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT. CONTRACTOR SHALL ENSURE MAIL AND PACKAGE DELIVERY DURING CONSTRUCTION.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
- (R1)** CONTRACTOR SHALL REMOVE CULVERT, STORM PIPE, STORM STRUCTURES WITHIN RIGHT-OF-WAY AND LEGALLY DISPOSE OF MATERIALS OFF-SITE.
- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R7)** CONTRACTOR IS RESPONSIBLE FOR PRESERVATION, REMOVAL, AND REPLACEMENT OF ALL EXISTING SURVEY MONUMENTS WITHIN THE WORK AREA IN ACCORDANCE WITH IDAHO CODE 55-1613. CONTRACTOR SHALL NOTIFY THE ENGINEER UPON RE-ESTABLISHMENT OF MONUMENTS.
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (R9)** REMOVE EXISTING TREES TO INCLUDE STUMPS AND LEGALLY DISPOSE OF OFFSITE.
- (R10)** REMOVE EXISTING IRRIGATION STRUCTURE WITHIN DISTURBANCE AREA.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
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- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.



Plot Date: 1/3/2025 9:29 AM, Plotted By: Destiny Hilliard, Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - DEMO_C1.01.DWG



476864 Highway 95, Suite 3
Ponderay, ID 83852
(208) 635-5825

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
DEMOLITION PLAN
STA. 16+75 TO STA. 19+50

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO.	DATE	BY	DESCRIPTION

C1.04

DRAWING: SHEET: --- OF XX 59

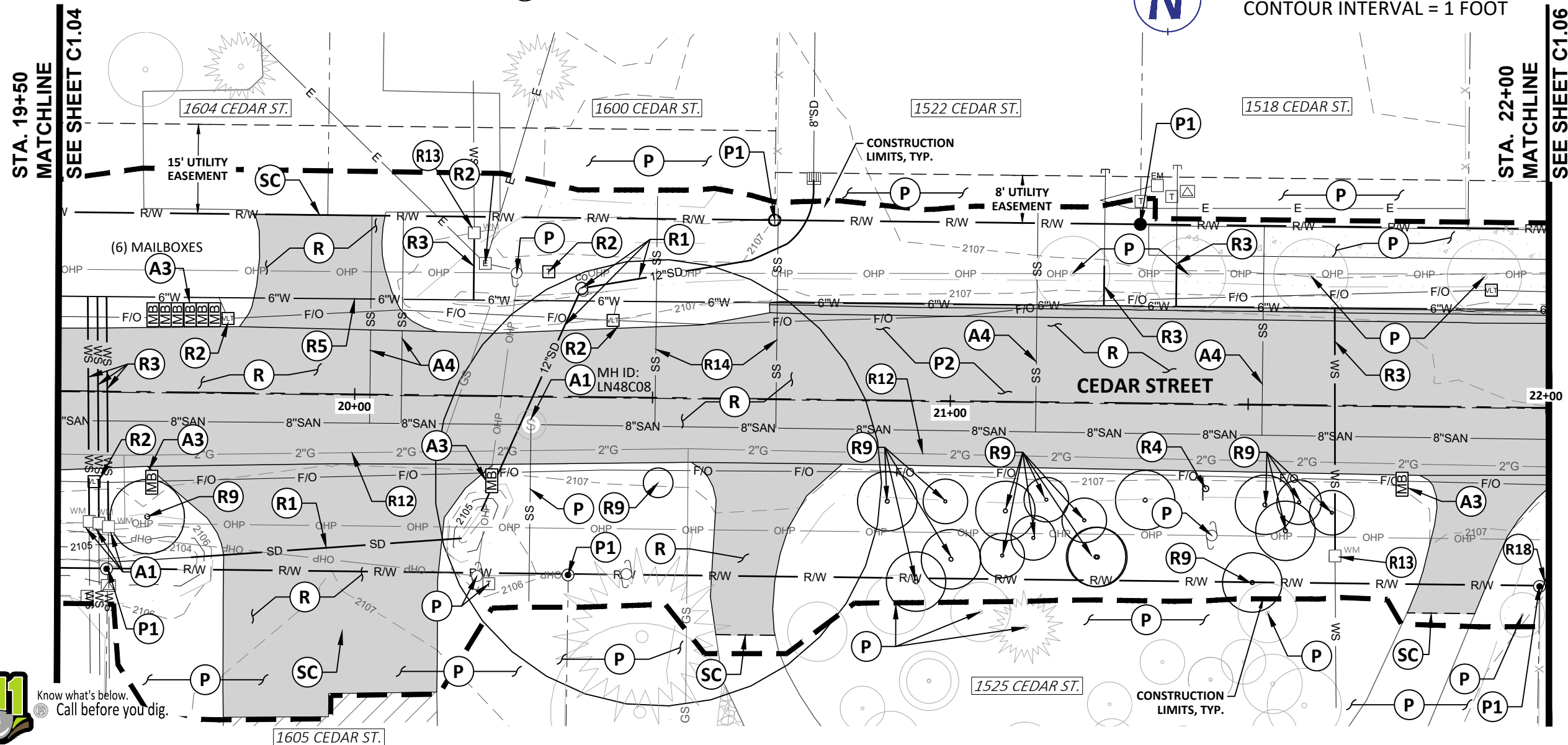
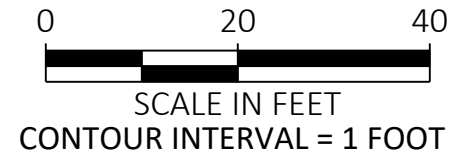
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- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (R18)** REMOVE EXISTING FENCE POSTS WITHIN RIGHT OF WAY.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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REVISIONS
NO. DATE BY DESCRIPTION

C1.05

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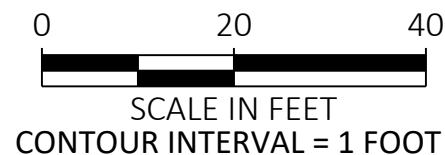
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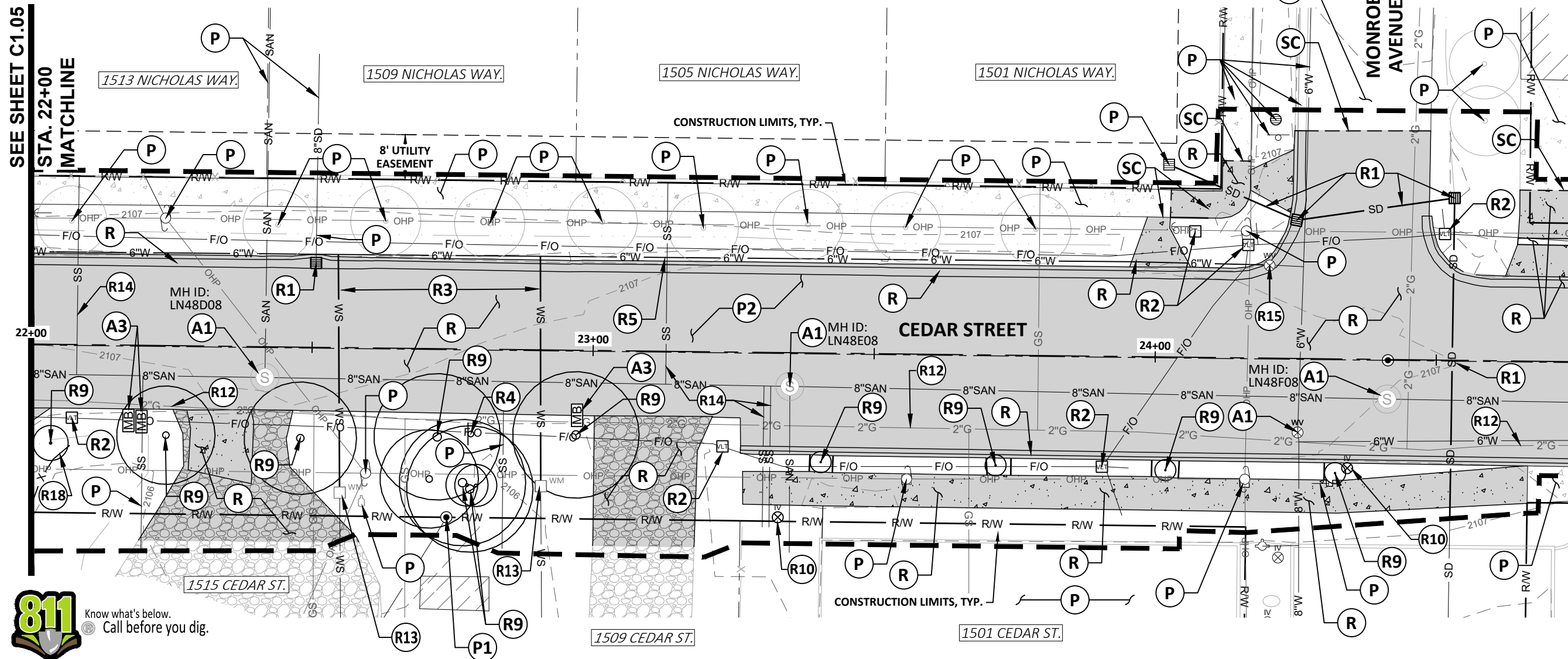
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- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
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- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (R9)** REMOVE EXISTING TREES TO INCLUDE STUMPS AND LEGALLY DISPOSE OF OFFSITE.
- (R10)** REMOVE EXISTING IRRIGATION STRUCTURE WITHIN DISTURBANCE AREA.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R12)** AVISTA GAS MAIN TO BE REPLACED WITH NEW 4" MAIN. COORDINATE WORK AND SCHEDULE WITH AVISTA.
- (R13)** UPON INSTALLATION, TESTING AND ACCEPTANCE OF NEW WATER MAIN, REMOVE AND DISPOSE OF EXISTING WATER METER. SALVAGE AND DELIVER METER REGISTER AND ENDPOINT TO CITY OF SANDPOINT PUBLIC WORKS. CONNECT EXISTING WATER SERVICE TO NEW HDPE SERVICE PIPE.
- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (R15)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN WEST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R18)** REMOVE EXISTING FENCE POSTS WITHIN RIGHT OF WAY.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



STA. 24+75
MATCHLINE
SEE SHEET C1.07



SEE SHEET C1.05
STA. 22+00
MATCHLINE

NOT
APPROVED
PRELIMINARY
FOR
CONSTRUCTION

75% REVIEW
DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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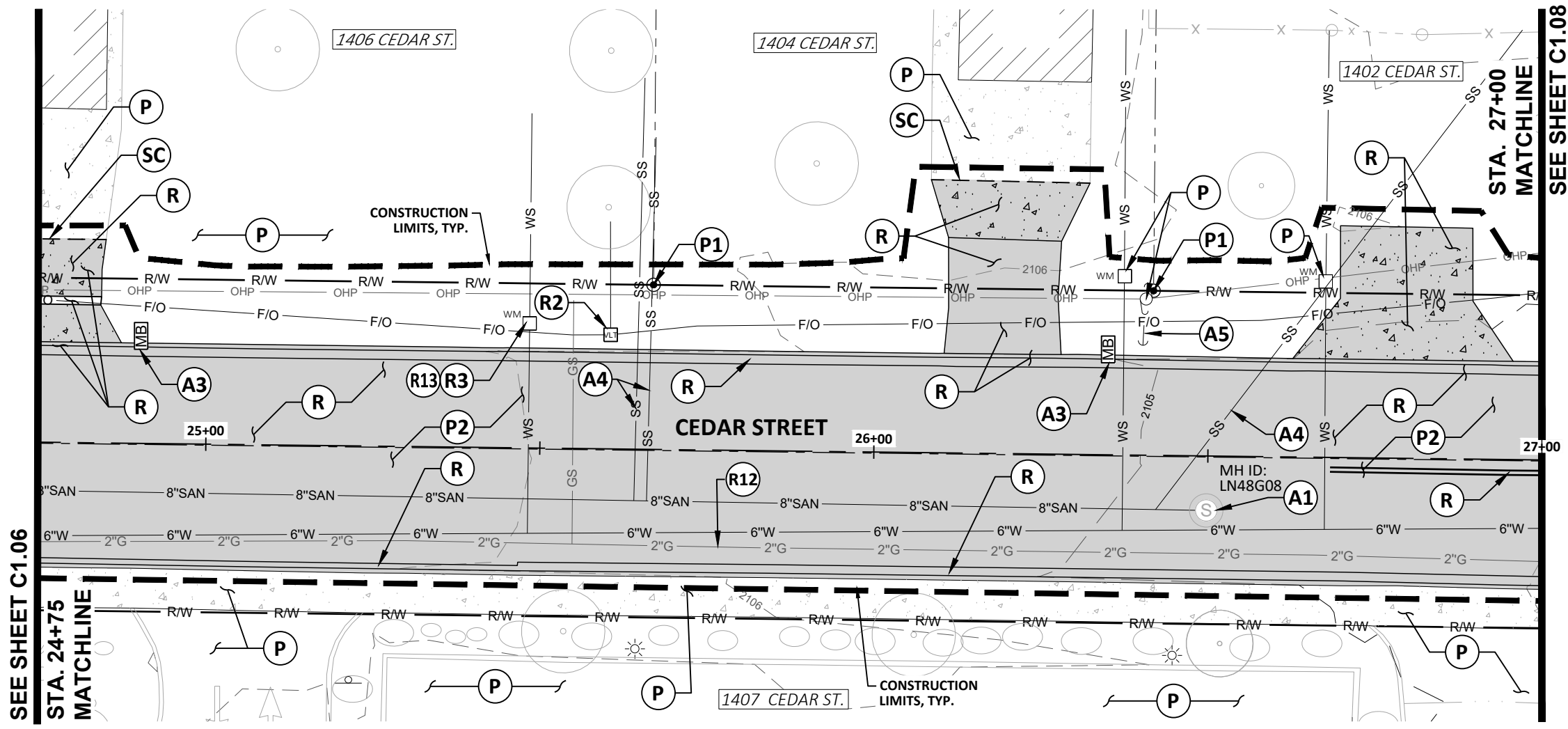
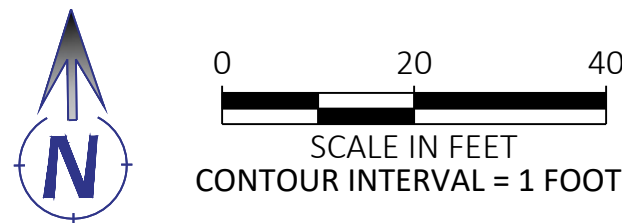
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SHEET: --- OF XX



DEMOLITION NOTES:

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- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (A5)** CONTRACTOR SHALL WORK WITH AVISTA TO REMOVE / RELOCATE EXISTING UTILITY POLE GUY WIRE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
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- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
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- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
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DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



476864 Highway 95, Suite 3
Ponderay, ID 83852
(208) 635-5825

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
DEMOLITION PLAN
STA. 24+75 TO STA. 27+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

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CHECKED BY: DMT
DATE: DECEMBER 2024

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C1.07

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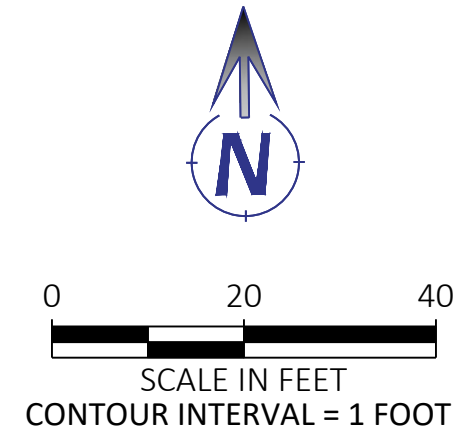
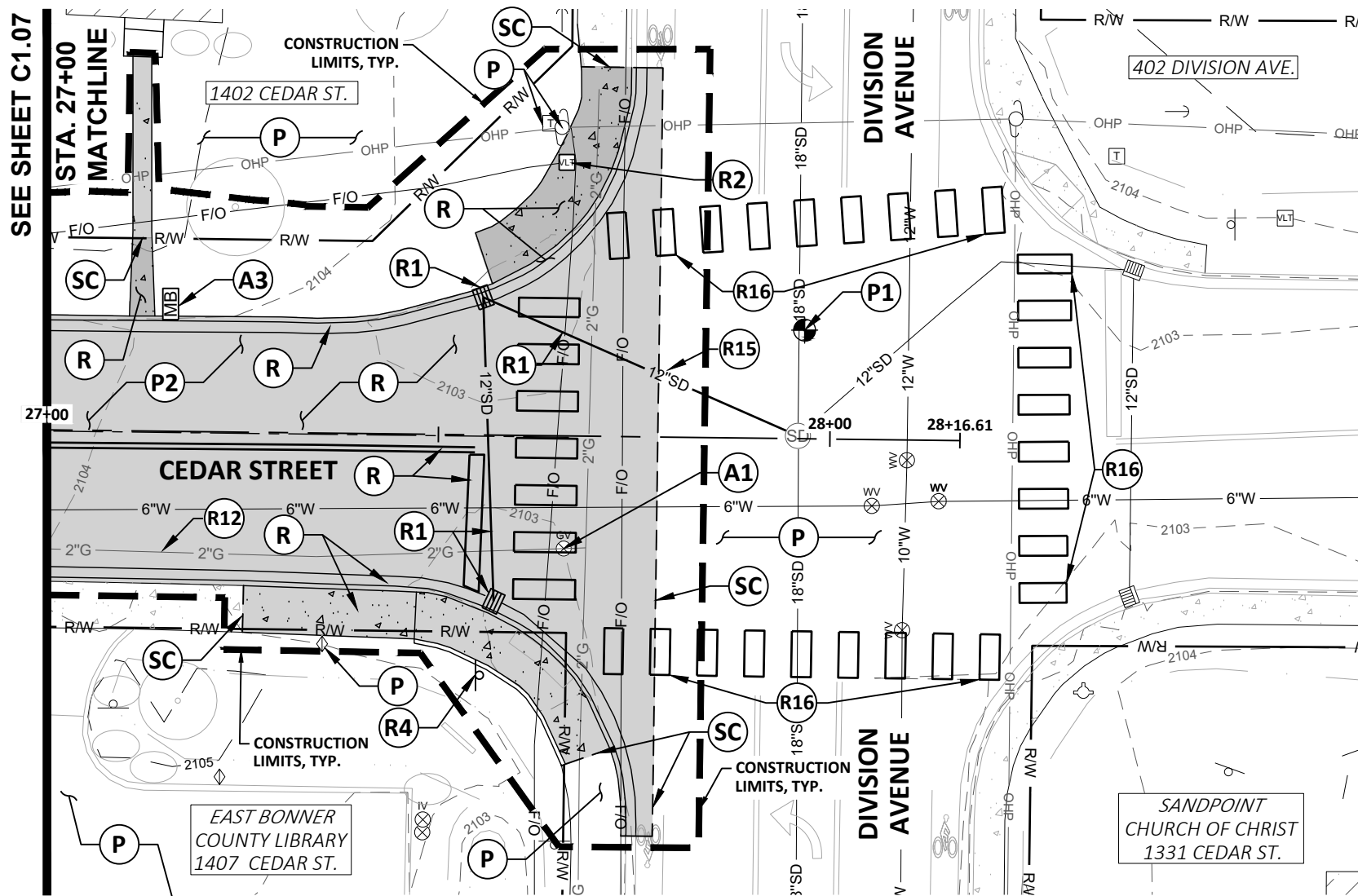
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DEMOLITION NOTES:

- (P)** CONTRACTOR SHALL PROTECT AND MAINTAIN IN PLACE.
- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P2)** CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN AND EXTENDING ACROSS THE CEDAR STREET CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (A3)** CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING MAILBOX. COORDINATE RELOCATION WITH THE PROPERTY OWNER AND THE CITY OF SANDPOINT.
- (A4)** ADJUST SANITARY SEWER SERVICE LINE IF NECESSARY TO CLEAR NEW STORM MAIN. SEWER SERVICE LOCATION PER CITY SEWER CAMERA FOOTAGE.
- (A5)** CONTRACTOR SHALL WORK WITH AVISTA TO REMOVE / RELOCATE EXISTING UTILITY POLE GUY WIRE.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
- (R1)** CONTRACTOR SHALL REMOVE CULVERT, STORM PIPE, STORM STRUCTURES WITHIN RIGHT-OF-WAY AND LEGALLY DISPOSE OF MATERIALS OFF-SITE.
- (R2)** CONTRACTOR REMOVE/RELOCATE EXISTING UTILITY STRUCTURE. COORDINATE WITH PURVEYOR FOR NEW LOCATION.
- (R3)** CONNECT EXISTING WATER SERVICE TO NEW WATER METER ONCE NEW WATER MAIN IS INSTALLED, TESTED, AND APPROVED. COORDINATE WORK WITH CITY OF SANDPOINT AND PROPERTY OWNER.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R5)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, REMOVE OR ABANDON IN PLACE EXISTING 6" WATER MAIN. IF ABANDONING IN PLACE, FILL PIPE WITH FLOWABLE FILL TO PREVENT POSSIBLE FUTURE COLLAPSE AND SETTLEMENT. COORDINATE ALL WORK WITH THE CITY OF SANDPOINT. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R6)** UPON INSTALLATION, TESTING, AND ACCEPTANCE ON NEW 8" WATER MAIN TO INCLUDE SERVICE CONNECTIONS, CLOSE EXISTING 6" WATER VALVE, REMOVE VALVE BOX, CUT EXISTING MAIN EAST OF VALVE AND CAP THE PIPE. COORDINATE WORK WITH CITY OF SANDPOINT.
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (R9)** REMOVE EXISTING TREES TO INCLUDE STUMPS AND LEGALLY DISPOSE OF OFFSITE.
- (R10)** REMOVE EXISTING IRRIGATION STRUCTURE WITHIN DISTURBANCE AREA.
- (R11)** REMOVE EXISTING HYDRANT ASSEMBLY. SEE WATER PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- (R12)** AVISTA GAS MAIN TO BE REPLACED WITH NEW 4" MAIN. COORDINATE WORK AND SCHEDULE WITH AVISTA.
- (R13)** UPON INSTALLATION, TESTING AND ACCEPTANCE OF NEW WATER MAIN, REMOVE AND DISPOSE OF EXISTING WATER METER. SALVAGE AND DELIVER METER REGISTER AND ENDPOINT TO CITY OF SANDPOINT PUBLIC WORKS. CONNECT EXISTING WATER SERVICE TO NEW HDPE SERVICE PIPE.
- (R14)** CUT AND CAP EXISTING SANITARY SEWER SERVICE PIPE AT THE SANITARY SEWER MAIN.
- (R15)** CUT EXISTING STORM PIPE NEAR EDGE OF PROJECT LIMITS. BULKHEAD PIPE END WITHIN DIVISION AVE. MANHOLE AND FILL IPE STUB WITH FLOWABLE FILL.
- (R16)** REMOVE EXISTING CROSSWALK STRIPING.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

 DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
DEMOLITION PLAN
STA. 27+00 TO END

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

MADISON AVENUE
DEMOLITION PLAN
STA. 0+28 TO END

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
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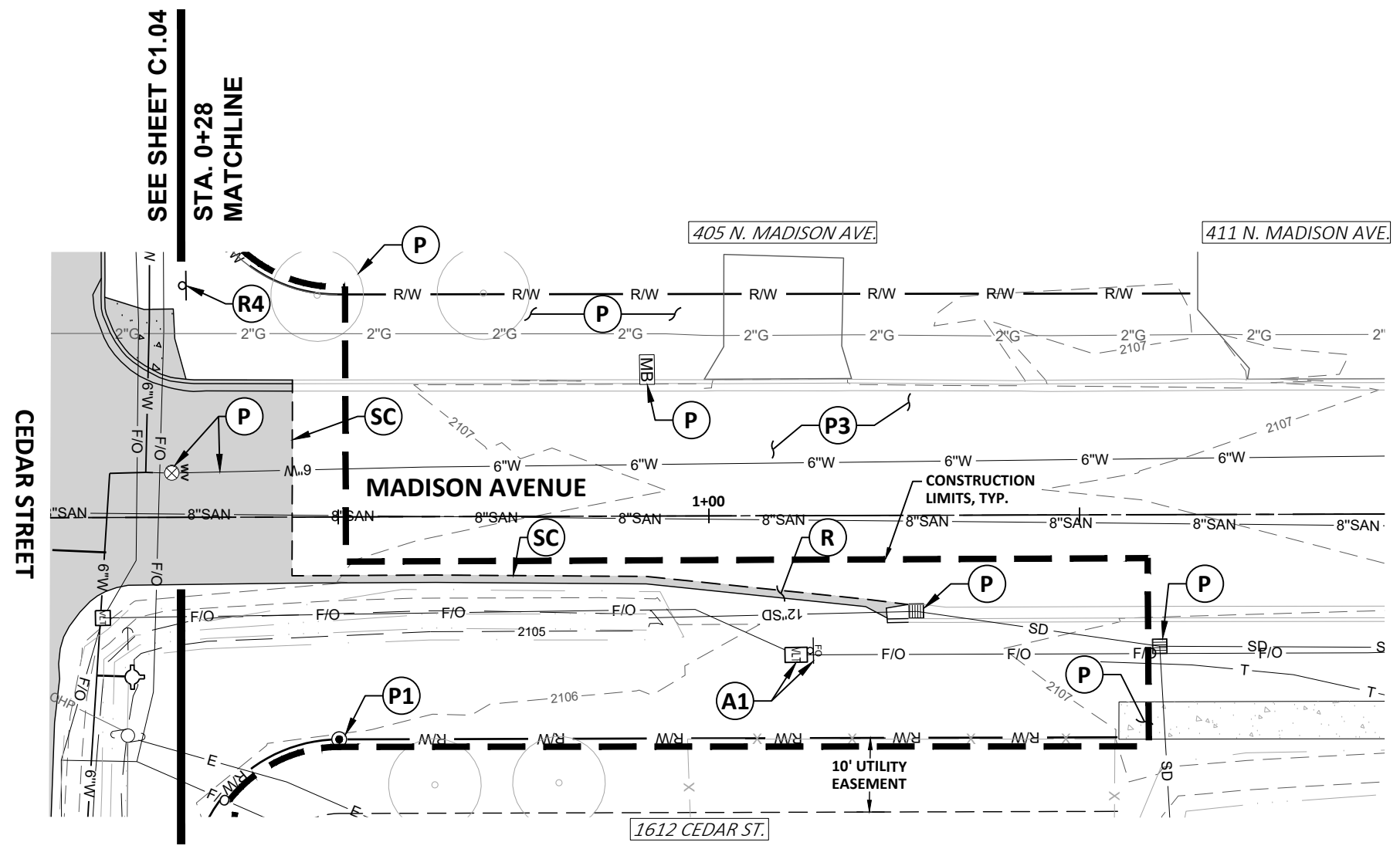
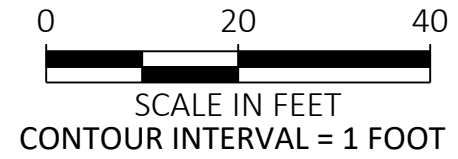
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SHEET: ---- OF XX

DEMOLITION NOTES:

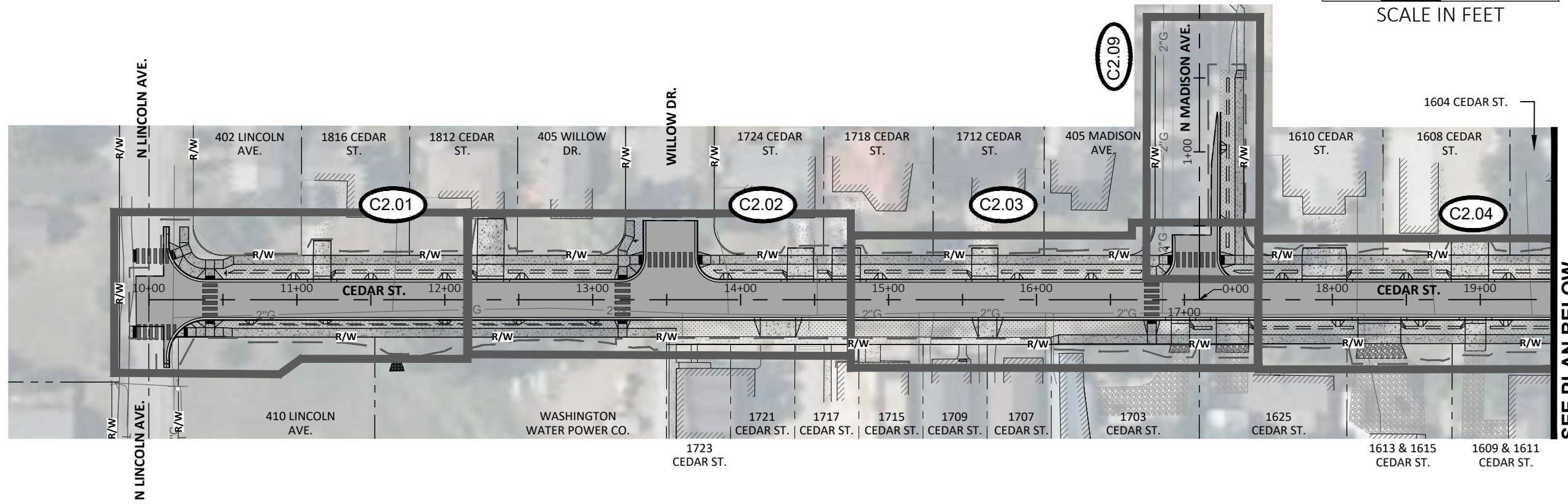
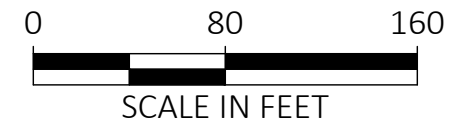
- (P)** CONTRACTOR SHALL PROTECT AND MAINTAIN IN PLACE.
- (P1)** CONTRACTOR SHALL PROTECT PROPERTY CORNERS AND ROAD MONUMENTS DURING CONSTRUCTION. IF PROPERTY CORNER OR ROAD MONUMENT INDICATED ON PLAN IS DAMAGED OR REMOVED DURING CONSTRUCTION IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO HAVE IT REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- (P3)** CONTRACTOR SHALL PROTECT EXISTING ASPHALT PAVEMENT, CURB AND GUTTER, DRIVEWAYS, AND ALL UTILITIES WITHIN AND EXTENDING ACROSS THE MADISON AVENUE CORRIDOR UNLESS NOTED OTHERWISE. IF A CONFLICT EXISTS DURING CONSTRUCTION, NOTIFY PROJECT ENGINEER.
- (A1)** CONTRACTOR SHALL ADJUST EXISTING UTILITY STRUCTURE TO NEW FINISH GRADE ELEVATION. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (R)** CONTRACTOR SHALL REMOVE EXISTING ASPHALT PAVEMENT, CONCRETE AND BASE MATERIAL TO NEW SUBGRADE ELEVATION FOR INSTALLATION OF NEW ROADWAY SECTION AND/OR DRIVEWAY. CONTRACTOR SHALL LEGALLY DISPOSE OF ASPHALT AND CONCRETE MATERIALS OFF-SITE. SEE ROADWAY PLANS FOR ELEVATIONS.
- (R4)** REMOVE AND DISPOSE OF EXISTING SIGN. SEE SIGNAGE AND STRIPING PLANS FOR MORE INFORMATION
- (R8)** REMOVE EXISTING LANDSCAPING WITHIN PUBLIC RIGHT OF WAY. SEE ROADWAY PLANS FOR MORE INFORMATION.
- (SC)** SAWCUT / LIMITS OF DEMOLITION MATERIALS REMOVAL. REMOVE CONCRETE TO NEAREST JOINT BEYOND SAWCUT LIMITS SHOWN WHERE APPLICABLE.

DEMOLITION AREA (ASPHALT, CONCRETE, STRUCTURE, GRAVEL)

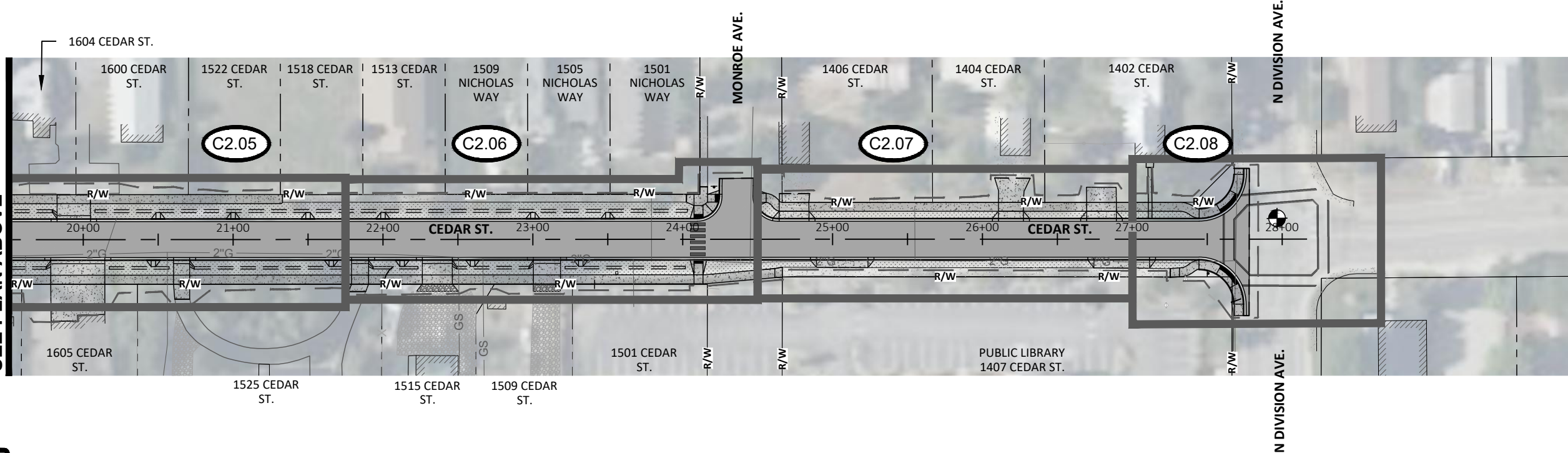


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SEE PLAN BELOW



SEE PLAN ABOVE

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

ROADWAY OVERALL PLAN

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: M24005 - Road Overall.dwg
PROJECT NO: M24005
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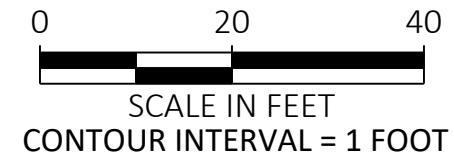
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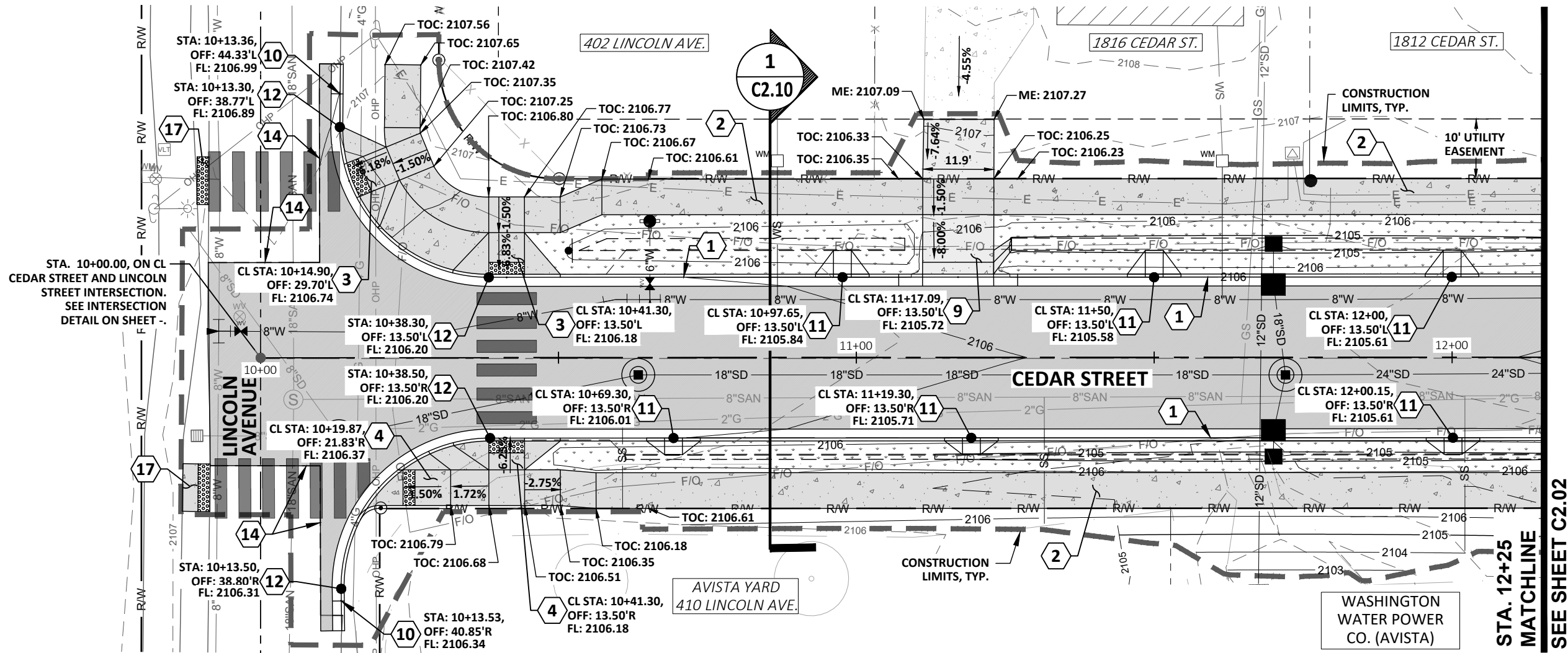


CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 3 INSTALL TYPE 1 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 4 INSTALL TYPE 2 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 10 INSTALL CURB TERMINUS PER ISPWC SD-707. SEE PLAN FOR TERMINUS STARTING STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 17 INSTALL TYPE 6 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____.



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
ROADWAY P&P
STA. 9+75 TO STA. 12+15

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

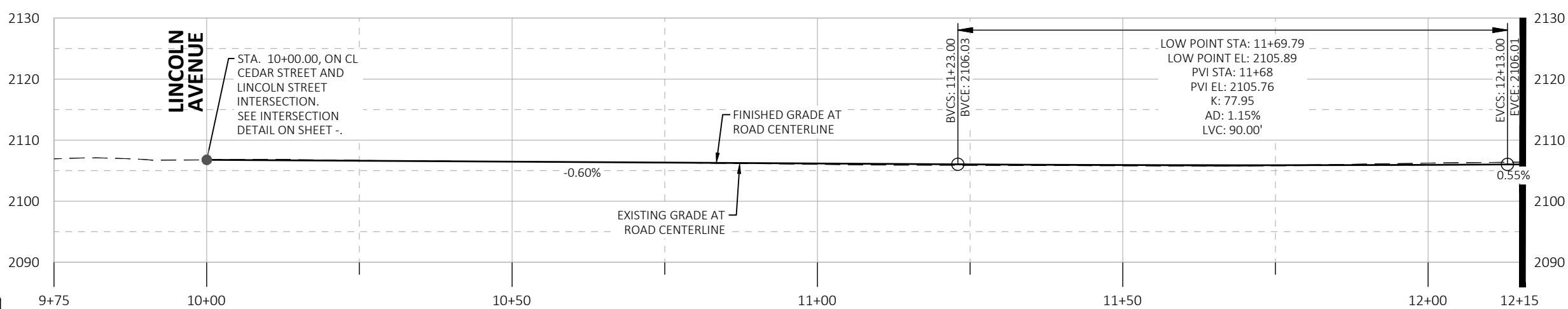
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PROJECT NO: M24005
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DRAWING:
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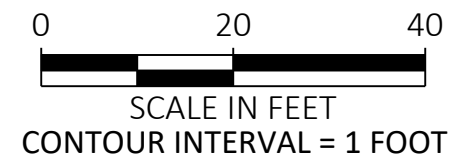
CEDAR ST PROFILE - STA. 9+75 TO STA. 12+15
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:31 AM, Plotted By: Destiny Hilliard
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CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 5 INSTALL TYPE 3 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 7 INSTALL TYPE 5 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 8 INSTALL TYPE A (STANDARD WINGS) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 13 END NEW CURB. MATCH EXISTING. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
ROADWAY P&P
STA. 12+15 TO STA. 14+75

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

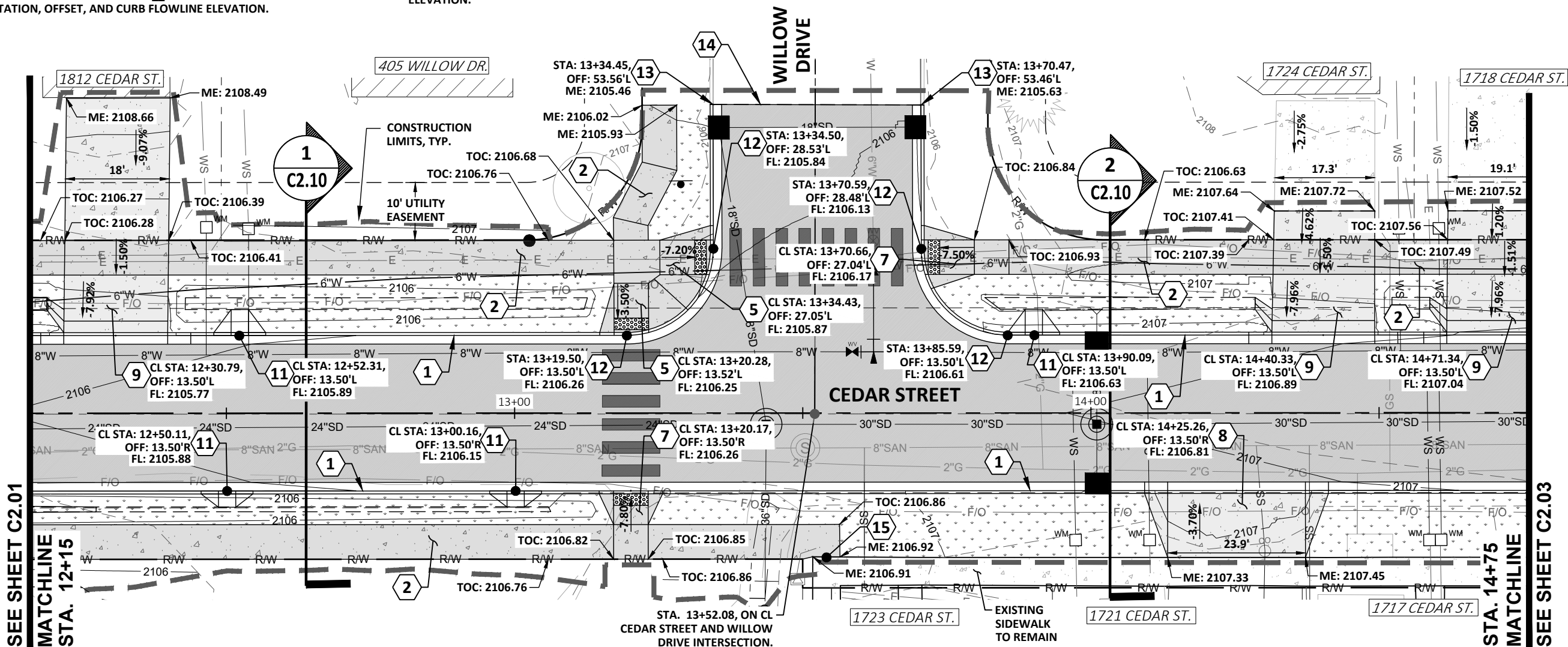
1" SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
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DATE: DECEMBER 2024

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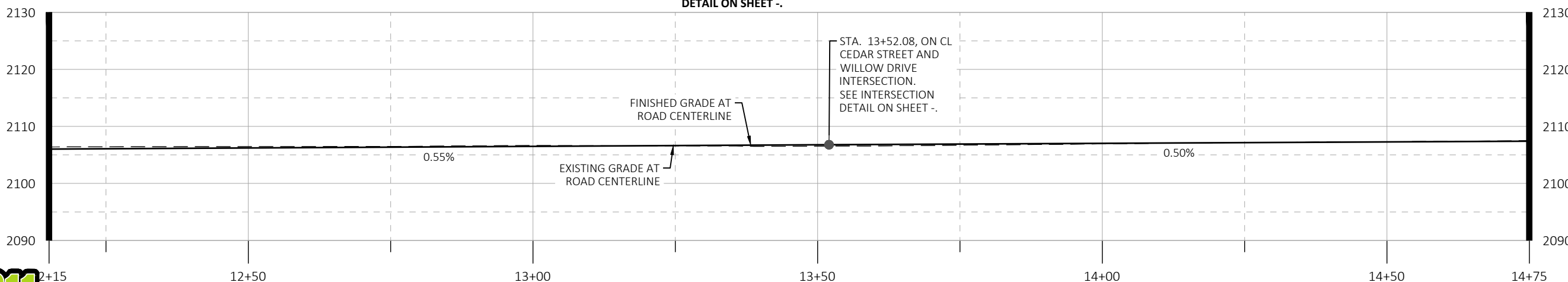
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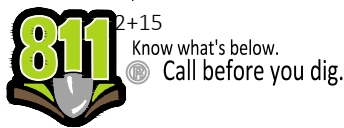
SEE SHEET C2.01
MATCHLINE
STA. 12+15

MATCHLINE
STA. 14+75
SEE SHEET C2.03



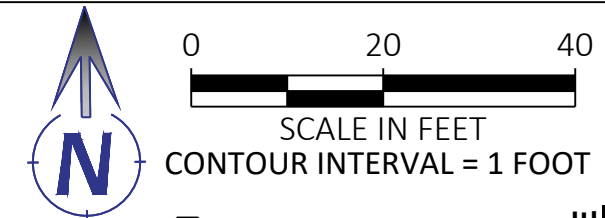
CEDAR ST PROFILE - STA. 12+15 TO STA. 14+75
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:31 AM Plotted By: Destiny Hilliard
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CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISWPC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 5 INSTALL TYPE 3 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 7 INSTALL TYPE 5 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 8 INSTALL TYPE A (STANDARD WINGS) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.



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CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID
 CEDAR STREET
 ROADWAY P&P
 STA. 14+75 TO STA. 17+50

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

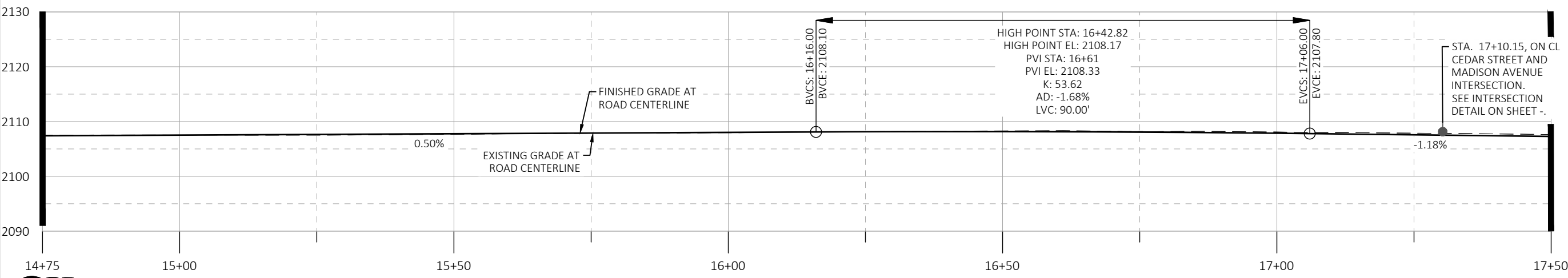
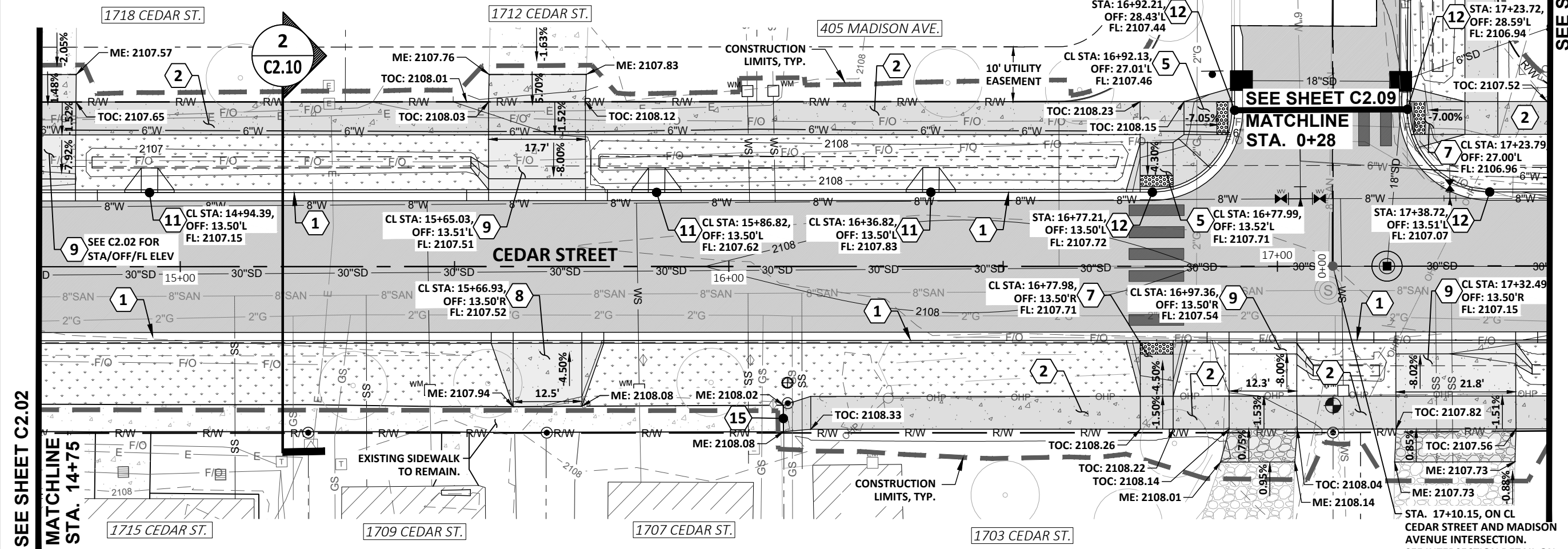
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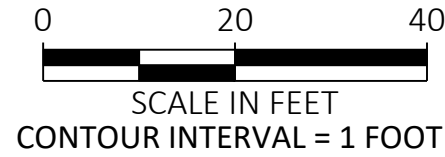
CEDAR ST PROFILE - STA. 14+75 TO STA. 17+50
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:31 AM, Plotted By: Destiny Hilliard
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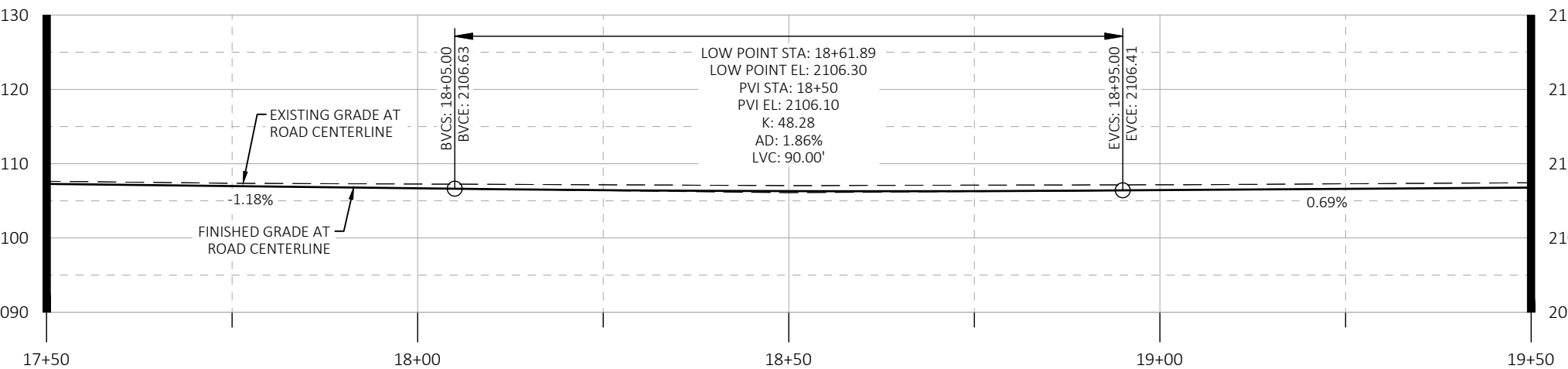
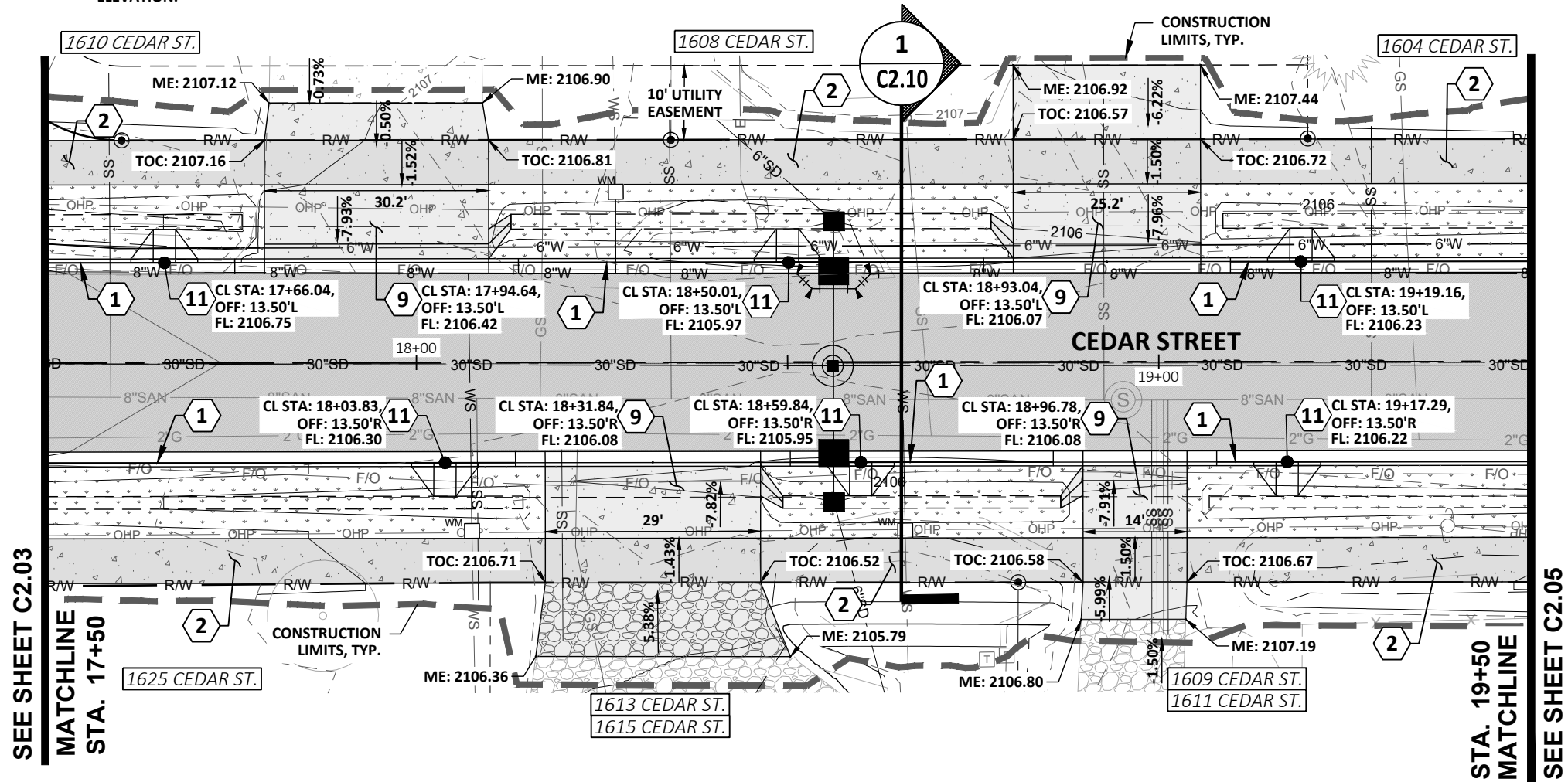
CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
ROADWAY P&P
STA. 17+50 TO STA. 19+50



CEDAR ST PROFILE - STA. 17+50 TO STA. 19+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

NOT
APPROVED
PRELIMINARY
FOR
CONSTRUCTION

75% REVIEW
DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
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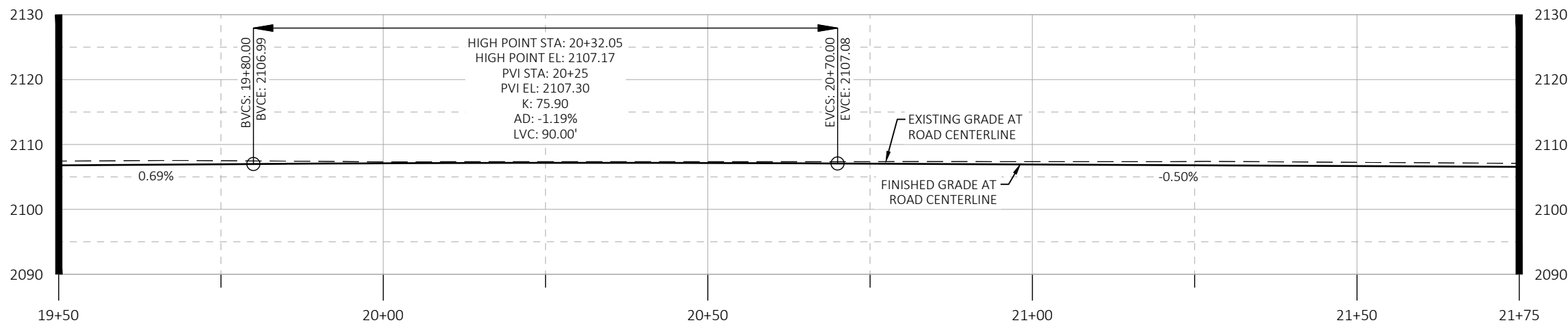
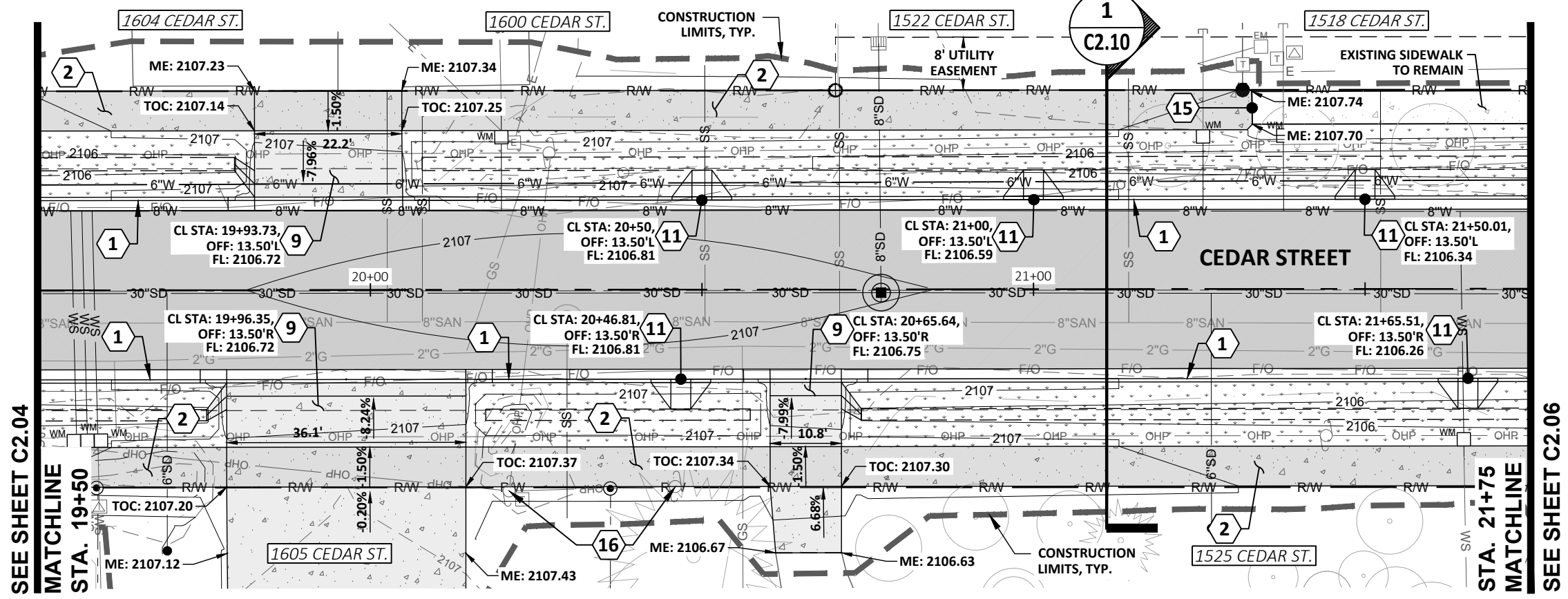
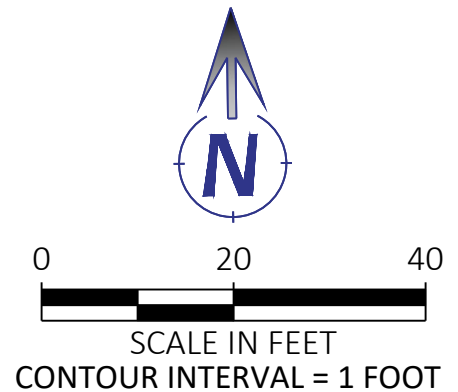
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DRAWING:
SHEET: ---- OF XX



CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.
- 16 POWERPOLE WITHIN SIDEWALK LIMITS.



CEDAR ST PROFILE - STA. 19+50 TO STA. 21+75
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
ROADWAY P&P
STA. 19+50 TO STA. 21+75

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
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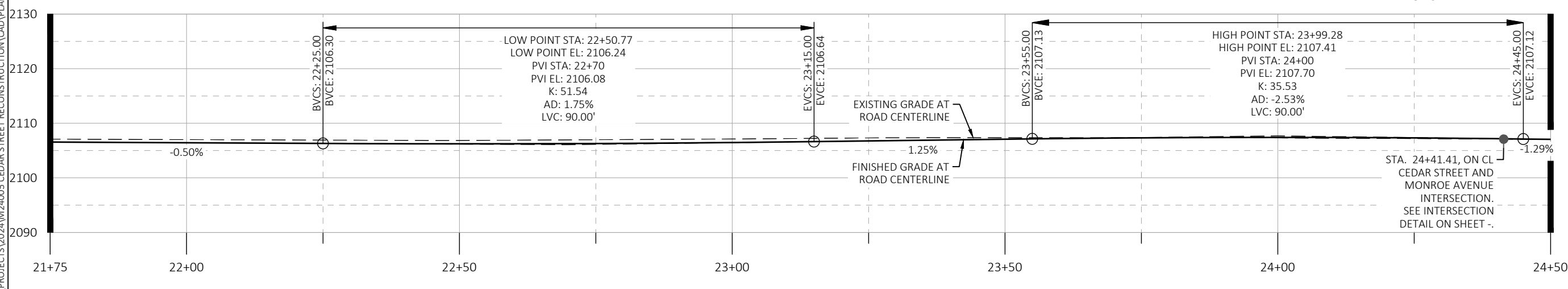
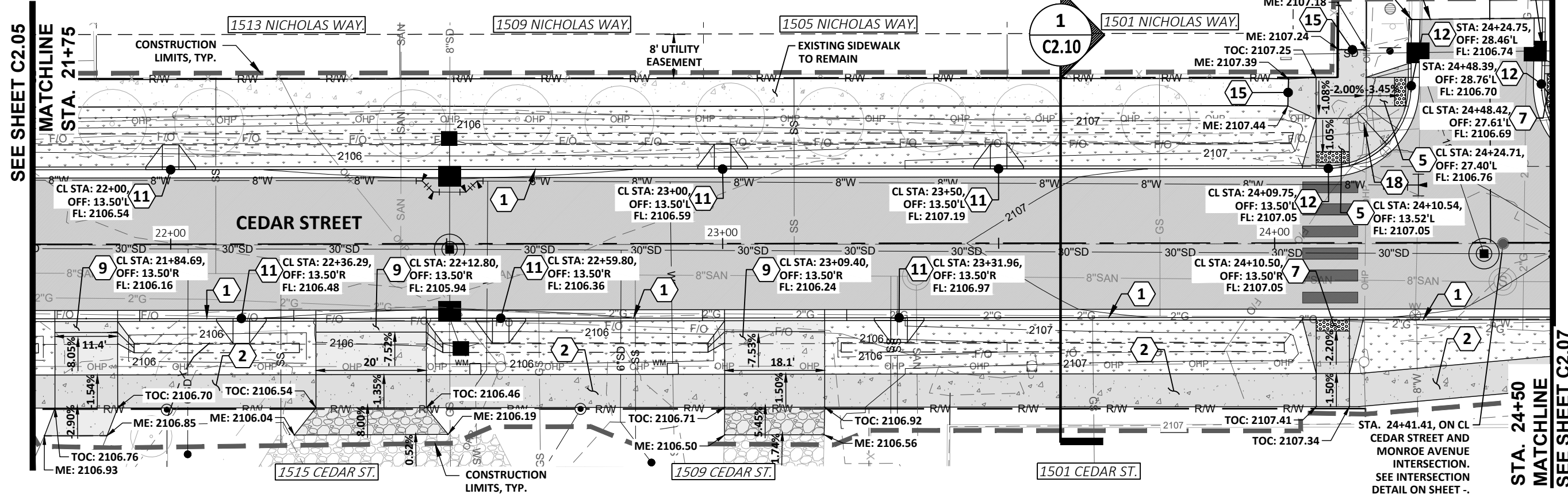
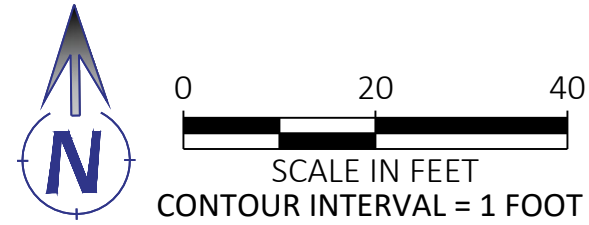
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CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 5 INSTALL TYPE 3 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 7 INSTALL TYPE 5 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 9 INSTALL TYPE B (SWALE INLET WITH APRON) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 10 INSTALL CURB TERMINUS PER ISPWC SD-707. SEE PLAN FOR TERMINUS STARTING STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 13 END NEW CURB. MATCH EXISTING. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATION.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.
- 18 POWERPOLE WITHIN RAMP LIMITS.



CEDAR ST PROFILE - STA. 21+75 TO STA. 24+50

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'



476864 Highway 95, Suite 3
Ponderay, ID 83852
(208) 635-5825

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
ROADWAY P&P
STA. 21+75 TO STA. 24+50

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

C2.06

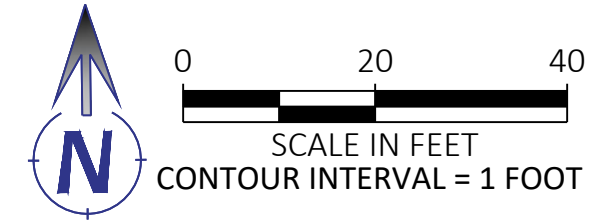
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CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 7 INSTALL TYPE 5 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 8 INSTALL TYPE A (STANDARD WINGS) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET ____ SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.
- 16 POWERPOLE WITHIN SIDEWALK LIMITS.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
ROADWAY P&P
STA. 24+50 TO STA. 27+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

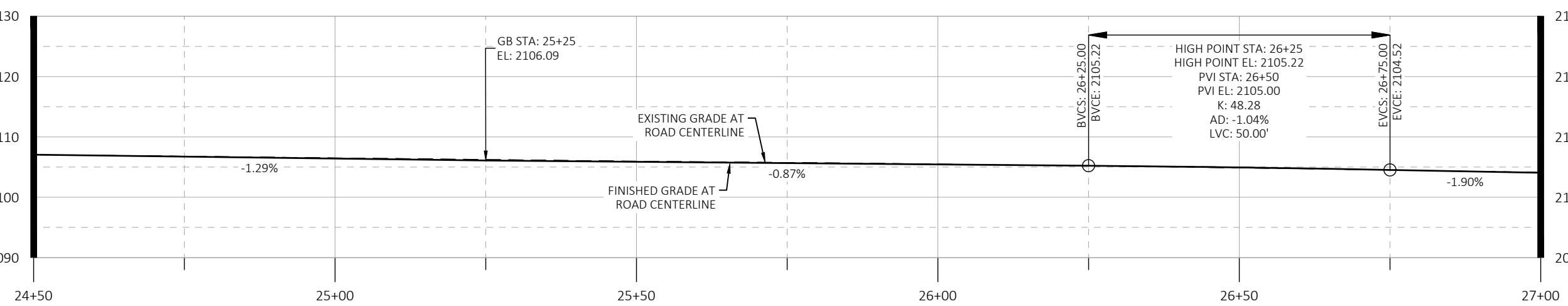
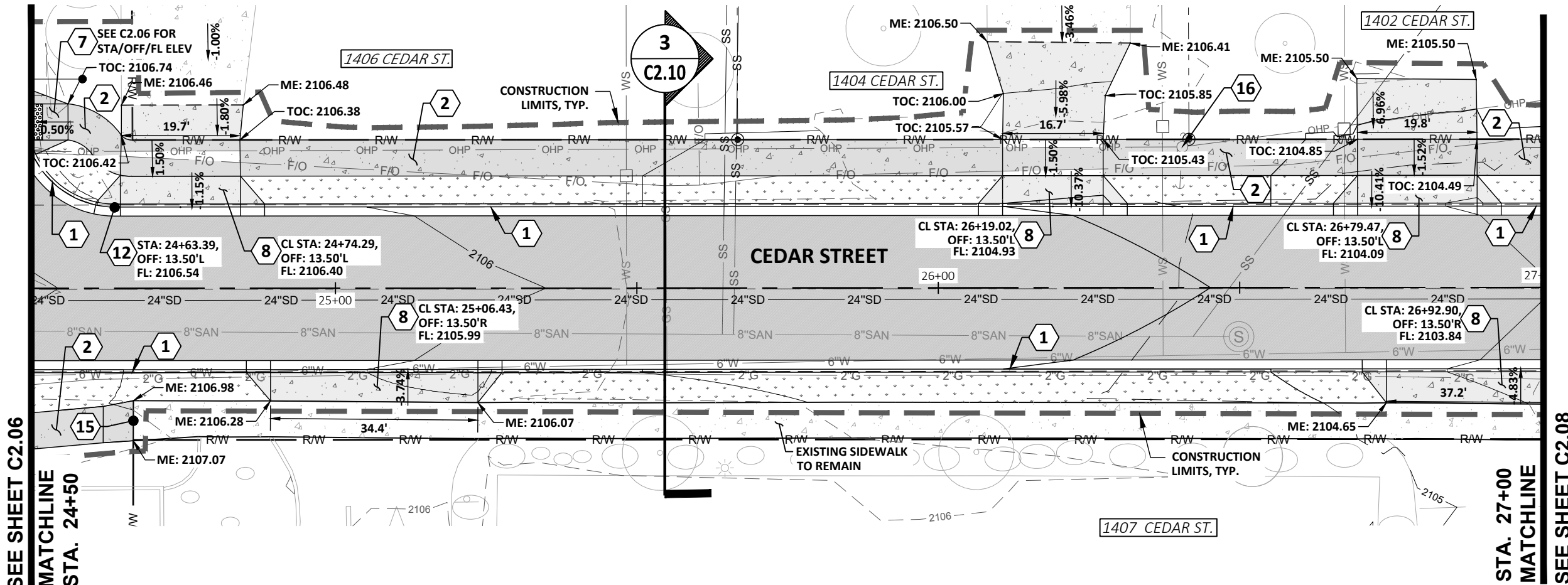
1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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C2.07

DRAWING: 72
SHEET: ---- OF XX



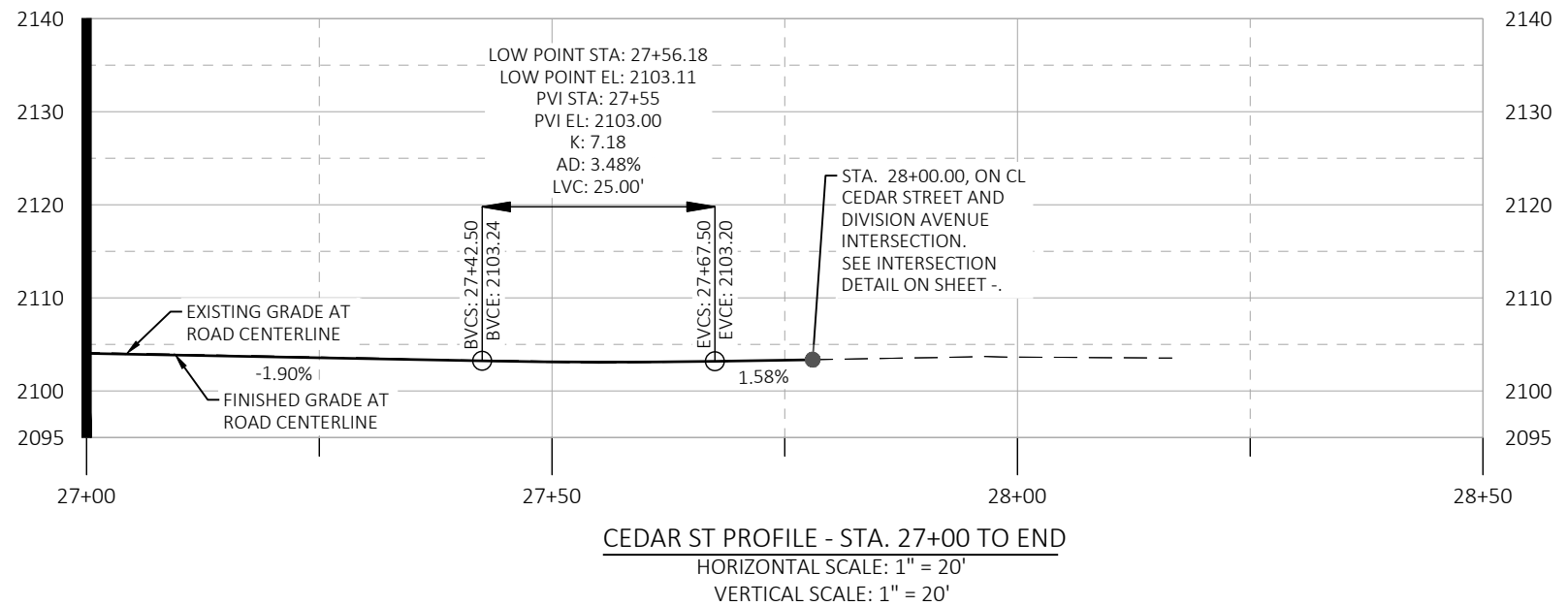
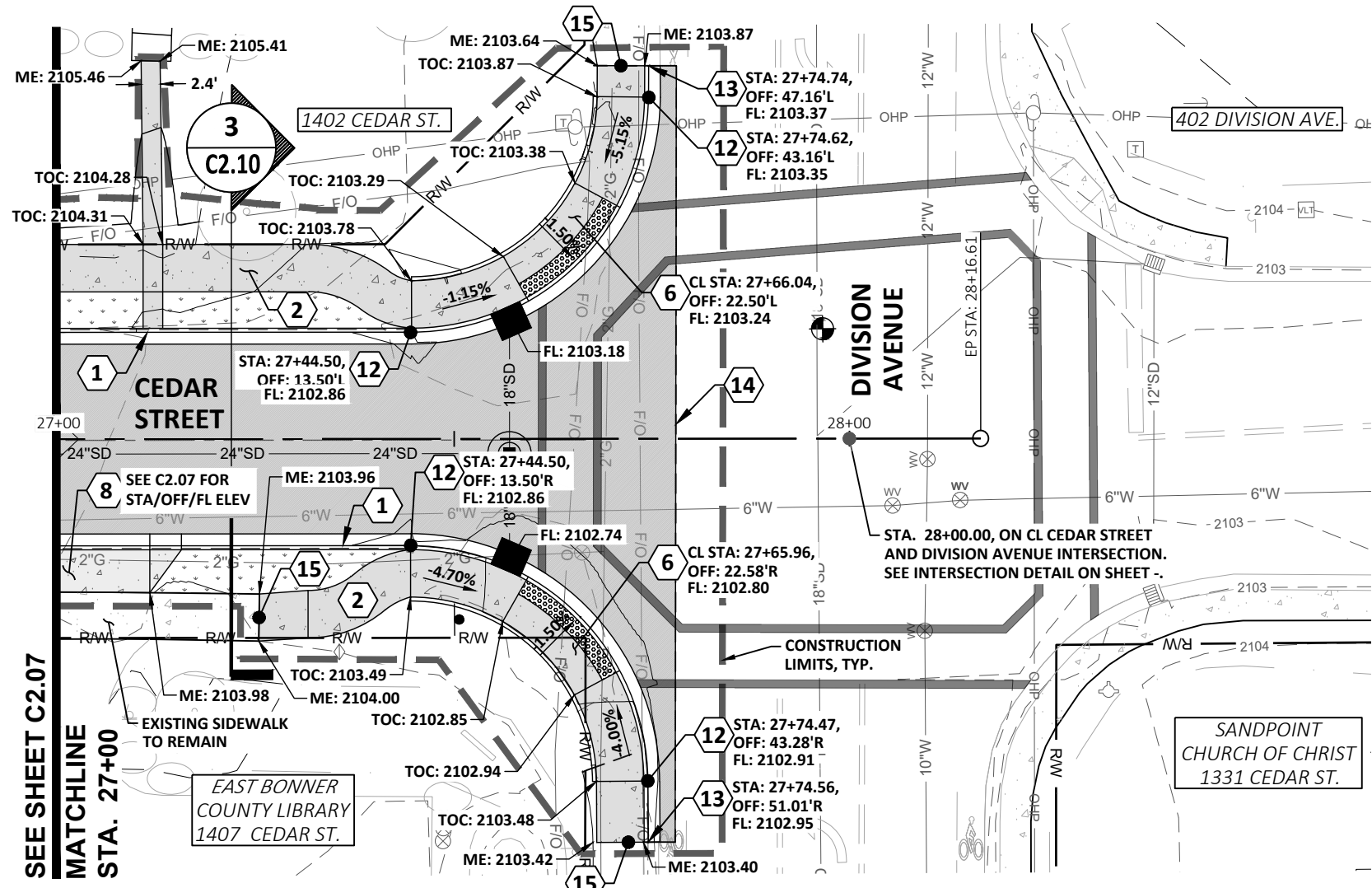
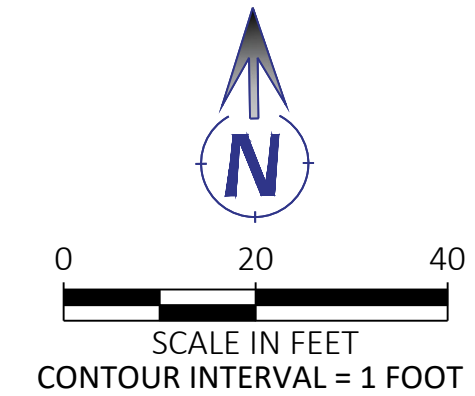
CEDAR ST PROFILE - STA. 24+50 TO STA. 27+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:32 AM, Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - ROAD-7.DWG



CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISWPC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 6 INSTALL TYPE 4 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES PER DETAIL ON SHEET ___. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 8 INSTALL TYPE A (STANDARD WINGS) CONCRETE DRIVEWAY APPROACH PER DETAIL ON SHEET _____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 12 BEGIN/END CORNER RADIUS. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 13 END NEW CURB. MATCH EXISTING. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
ROADWAY P&P
STA. 27+00 TO END

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO.	DATE	BY	DESCRIPTION

C2.08

DRAWING: 73
SHEET: ---- OF XX

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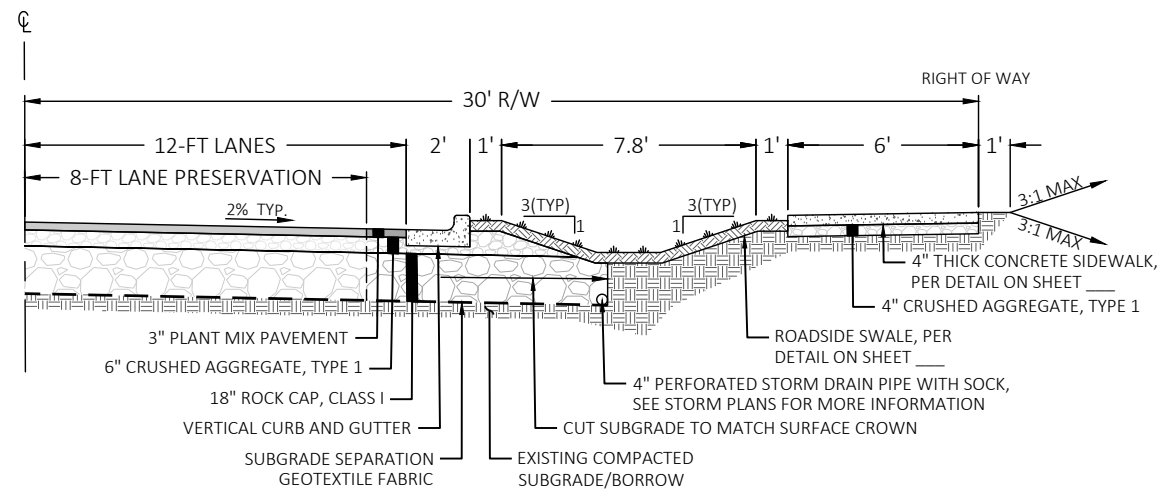
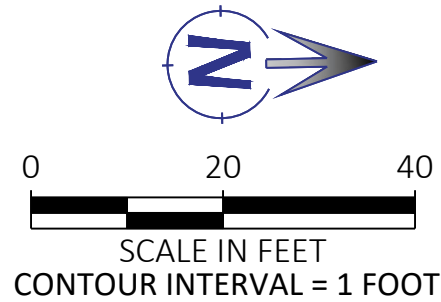


CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

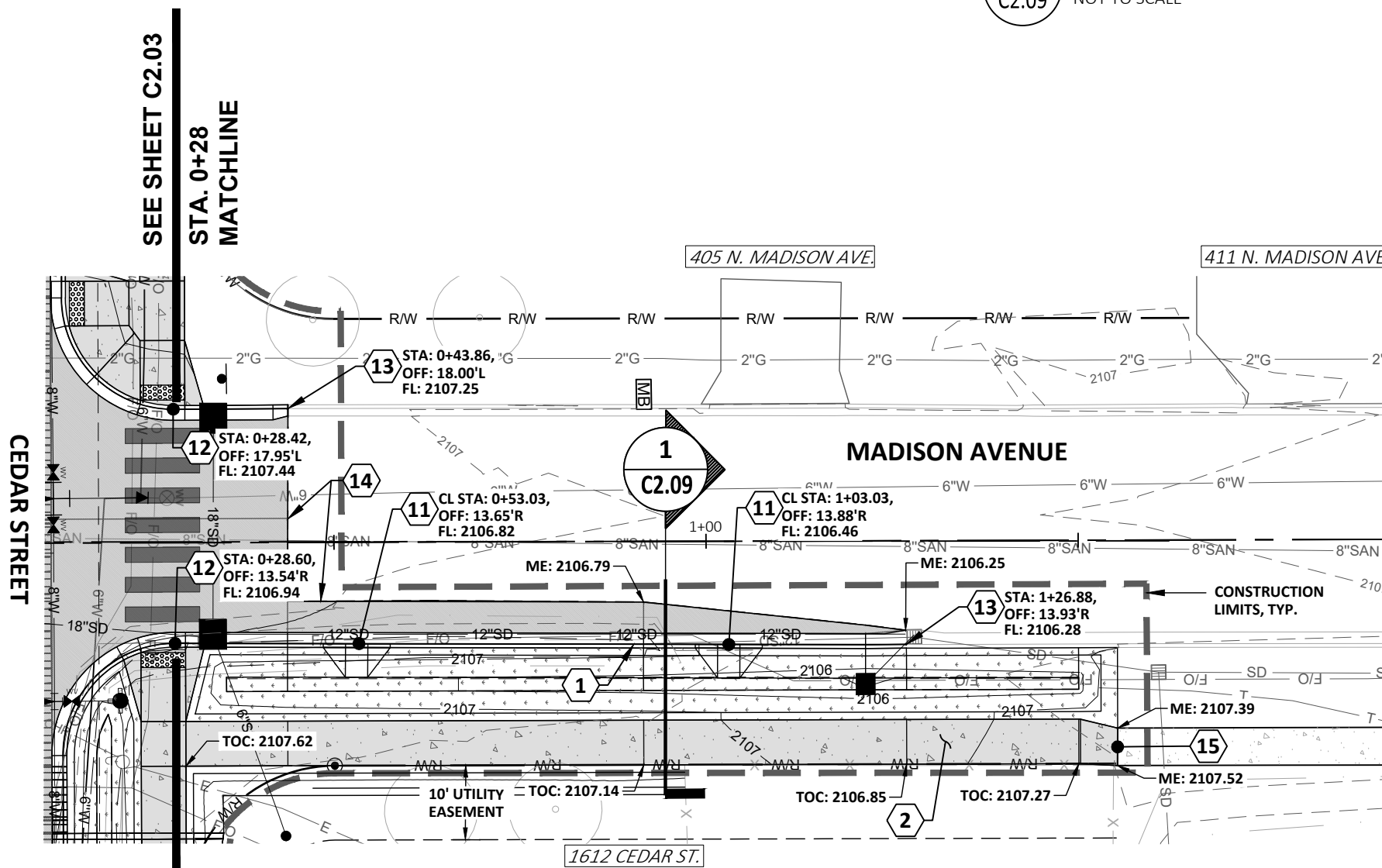
MADISON AVENUE
ROADWAY PLAN
STA. 0+28 TO END

CONSTRUCTION NOTES:

- 1 INSTALL STANDARD 6" VERTICAL CONCRETE CURB & GUTTER PER ISPWC STANDARD DWG. NO. SD-701.
- 2 INSTALL 6' CONCRETE SIDEWALK PER DETAIL ON SHEET ____.
- 11 INSTALL CONCRETE CURB INLET PER DETAIL ON SHEET ____. SEE PLAN FOR CENTERLINE STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 13 END NEW CURB. MATCH EXISTING. SEE PLAN FOR STATION, OFFSET, AND CURB FLOWLINE ELEVATIONS.
- 14 MATCH NEW ASPHALT TO EXISTING SAWCUT EDGE. FORM A CLEAN AND SMOOTH SURFACE.
- 15 MATCH NEW SIDEWALK TO EXISTING EDGE OF SIDEWALK.



1 MADISON AVENUE TYPICAL ROAD SECTION
C2.09 NOT TO SCALE



NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
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C2.09

DRAWING: 74
SHEET: --- OF XX

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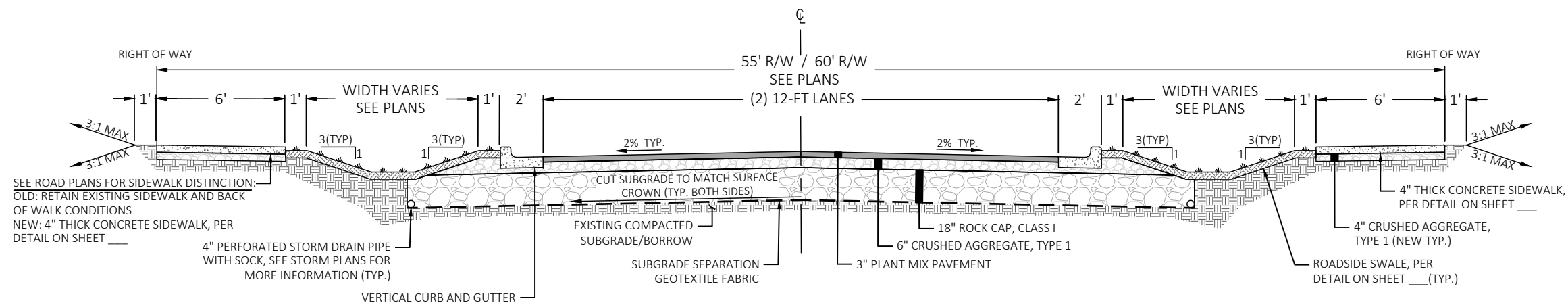
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DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

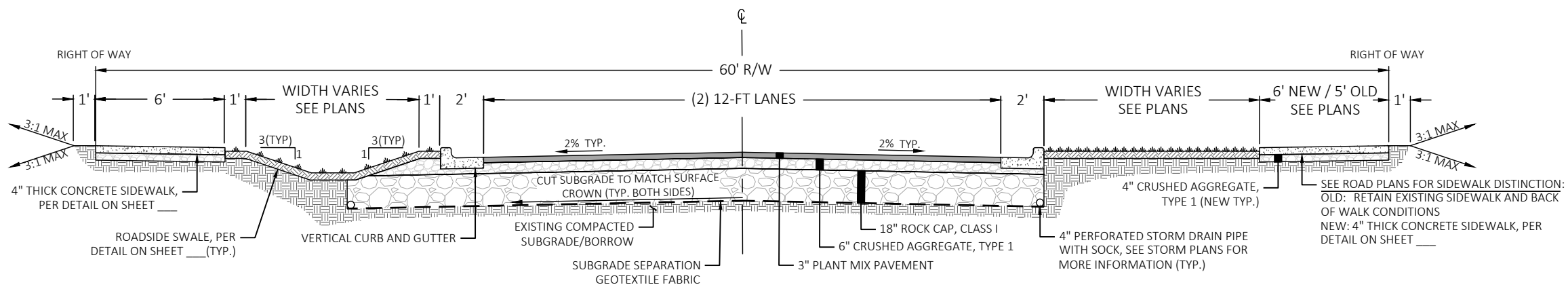
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NO. DATE BY DESCRIPTION

C2.10

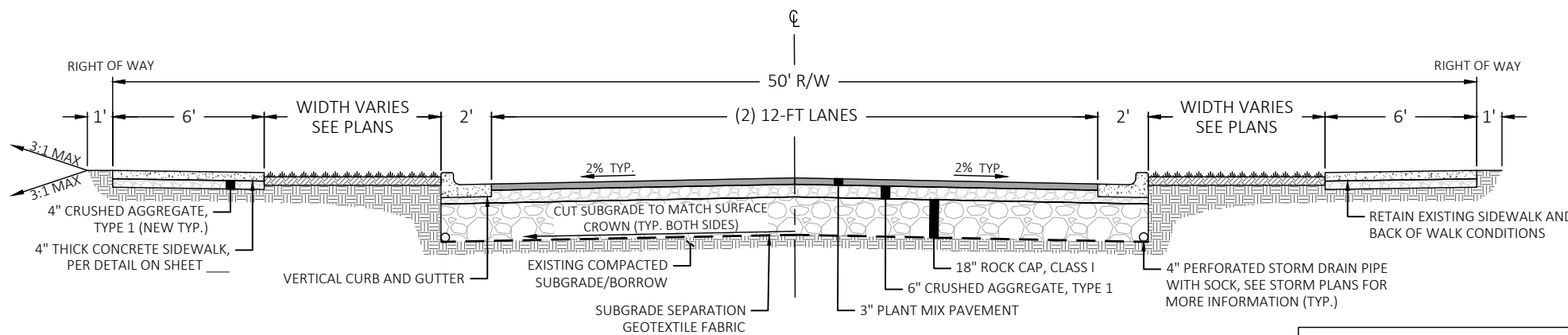
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SHEET: ---- OF XX



1 CEDAR STREET TYPICAL ROAD SECTION
C2.10 NOT TO SCALE

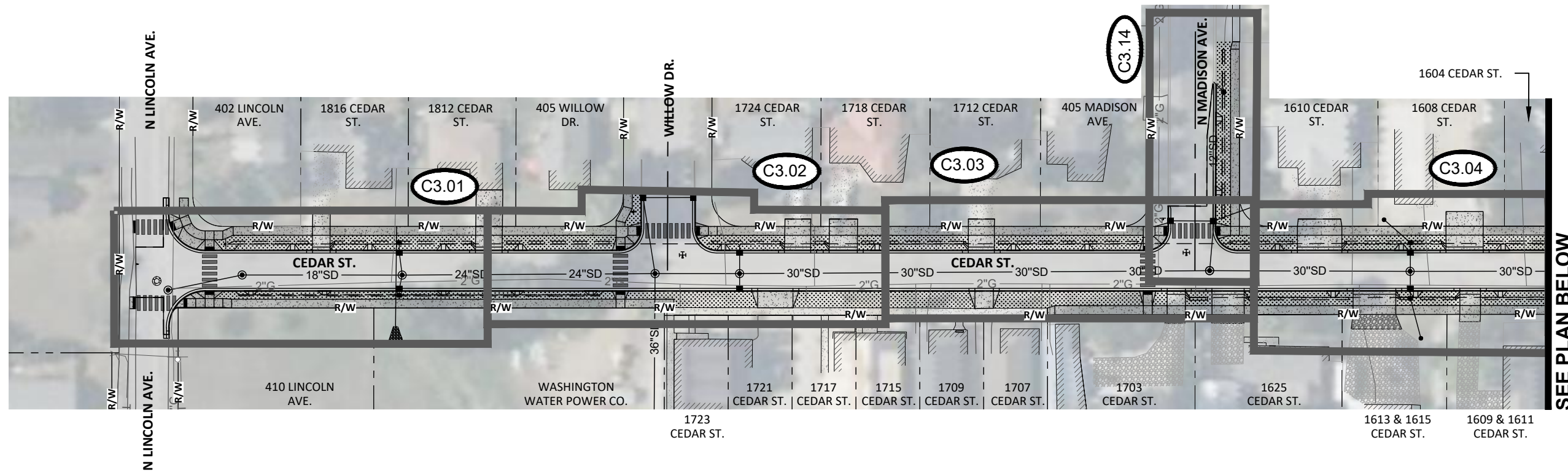
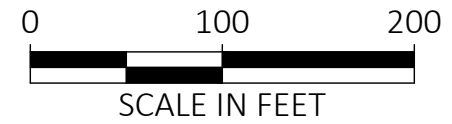


2 CEDAR STREET TYPICAL ROAD SECTION
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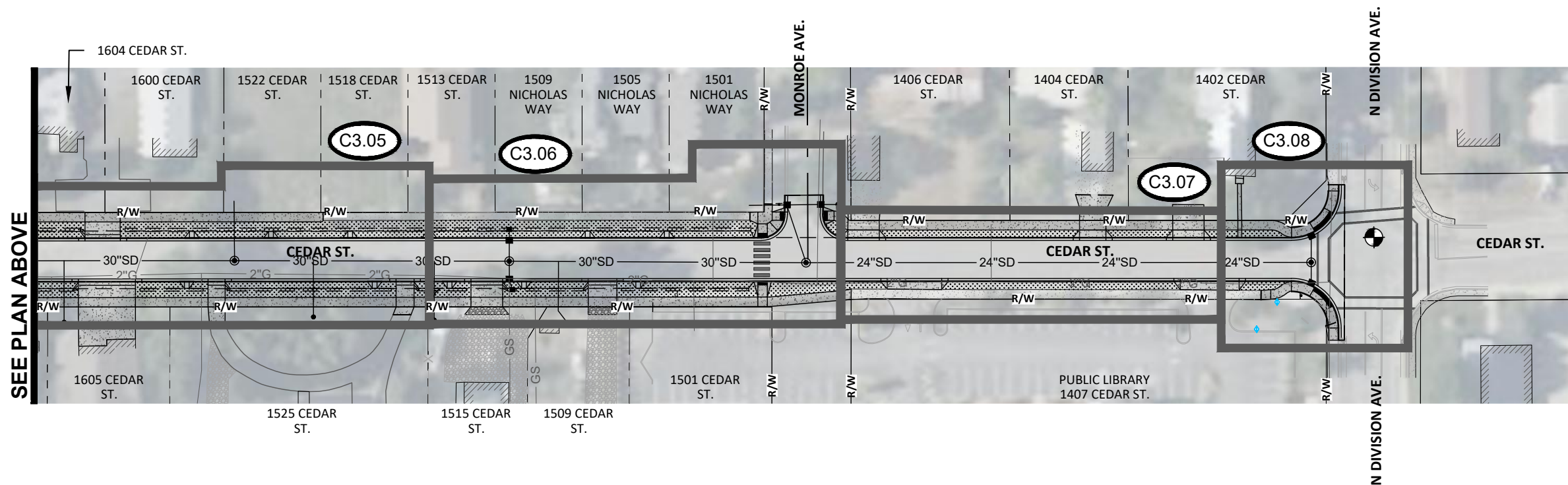


3 CEDAR STREET TYPICAL ROAD SECTION
C2.10 NOT TO SCALE

TYPICAL SECTION RANGE		
TYPICAL SECTION	STATION RANGE	DESCRIPTION
1	STA. 10+38.30 - STA. 13+19.50	55' R/W WITH "NEW" SIDEWALK - NORTH
2	STA. 13+85.59 - STA. 16+09.90	60' R/W WITH "OLD" SIDEWALK - SOUTH
2	STA. 16+14.92 - STA. 16+77.21	60' R/W WITH "NEW" SIDEWALK - SOUTH
1	STA. 17+38.72 - STA. 21+33.04	60' R/W WITH "NEW" SIDEWALK - NORTH
1	STA. 21+33.04 - STA. 24+09.75	60' R/W WITH "OLD" SIDEWALK - NORTH
3	STA. 24+63.39 - STA. 27+44.62	50' R/W



SEE PLAN BELOW



SEE PLAN ABOVE

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

STORMWATER OVERALL PLAN

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: M24005 - Storm Overall.dwg
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

C3.00

DRAWING: 76
SHEET: --- OF XX

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PRELIMINARY
FOR CONSTRUCTION

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1"
SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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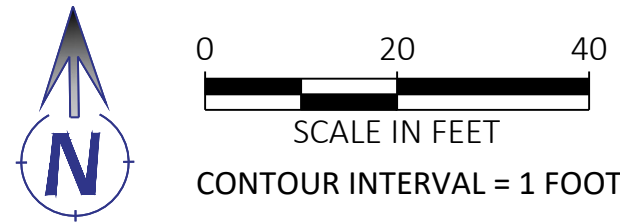
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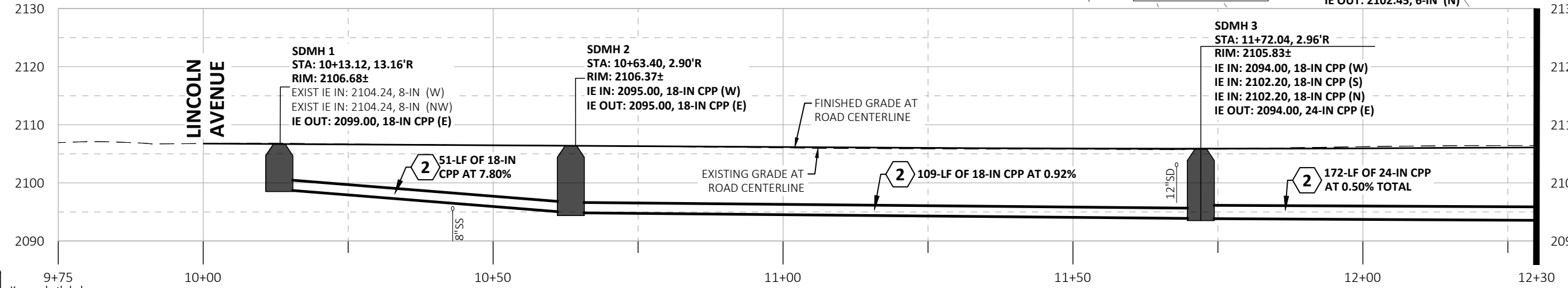
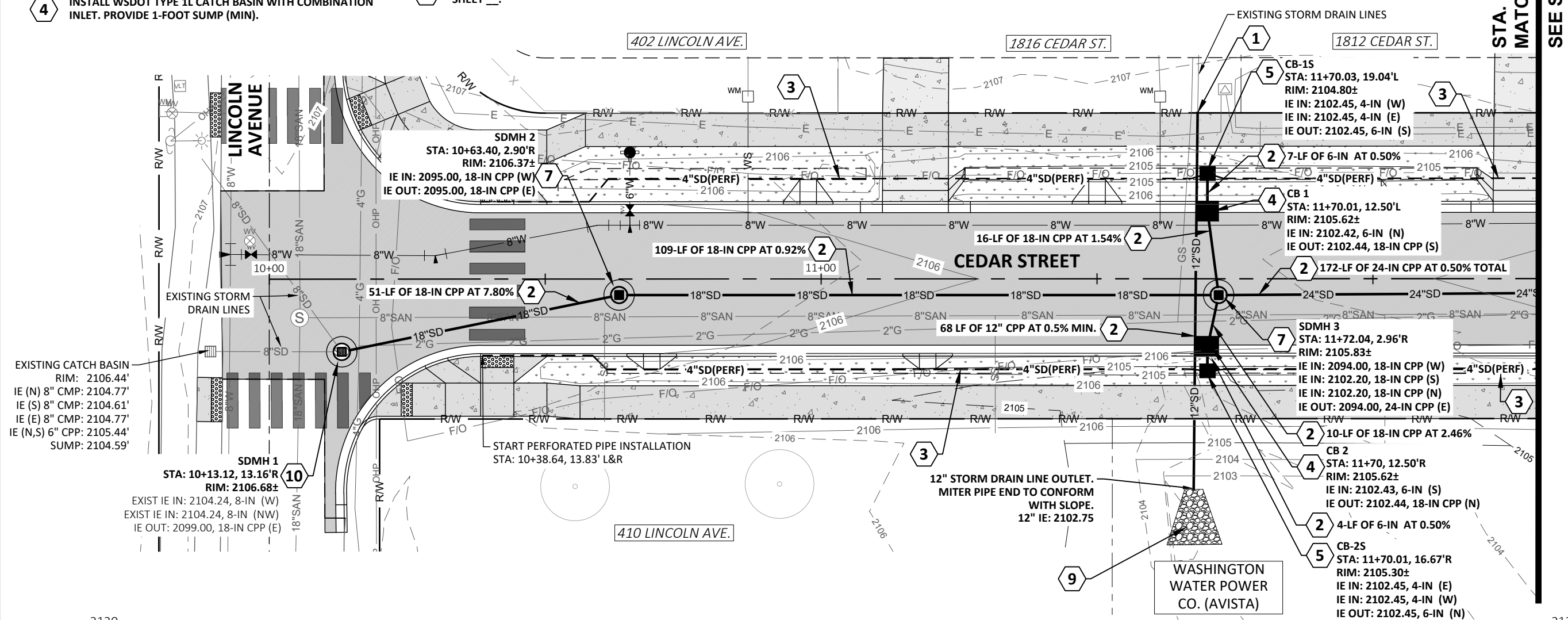
DRAWING: SHEET: --- OF XX 77

CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
- 4 INSTALL WSDOT TYPE 1L CATCH BASIN WITH COMBINATION INLET. PROVIDE 1-FOOT SUMP (MIN).
- 5 INSTALL WSDOT TYPE 1 CATCH BASIN WITH RECTANGULAR FRAME AND INLET. SET RIM ELEVATION 6" ABOVE SWALE BOTTOM. PROVIDE 1-FOOT SUMP (MIN).
- 6 INSTALL STANDARD MANHOLE TYPE B, DEEP-RAISED INVERT. 54" I.D. WITH 2-FOOT SUMP. SEE ISPWC SD-614A FOR ADDITIONAL INFORMATION.
- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ___.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



STA. 12+30
MATCHLINE
SEE SHEET C3.02



CEDAR ST PROFILE - STA. 9+75 TO STA. 12+30
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:34 AM Plotted By: Destiny Hilliard Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-1.DWG



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
STORMWATER P&P
STA. 12+30 TO STA. 15+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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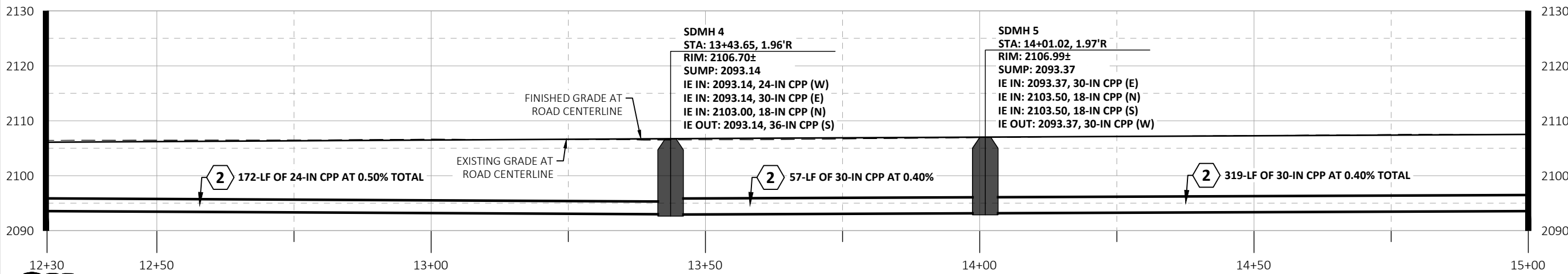
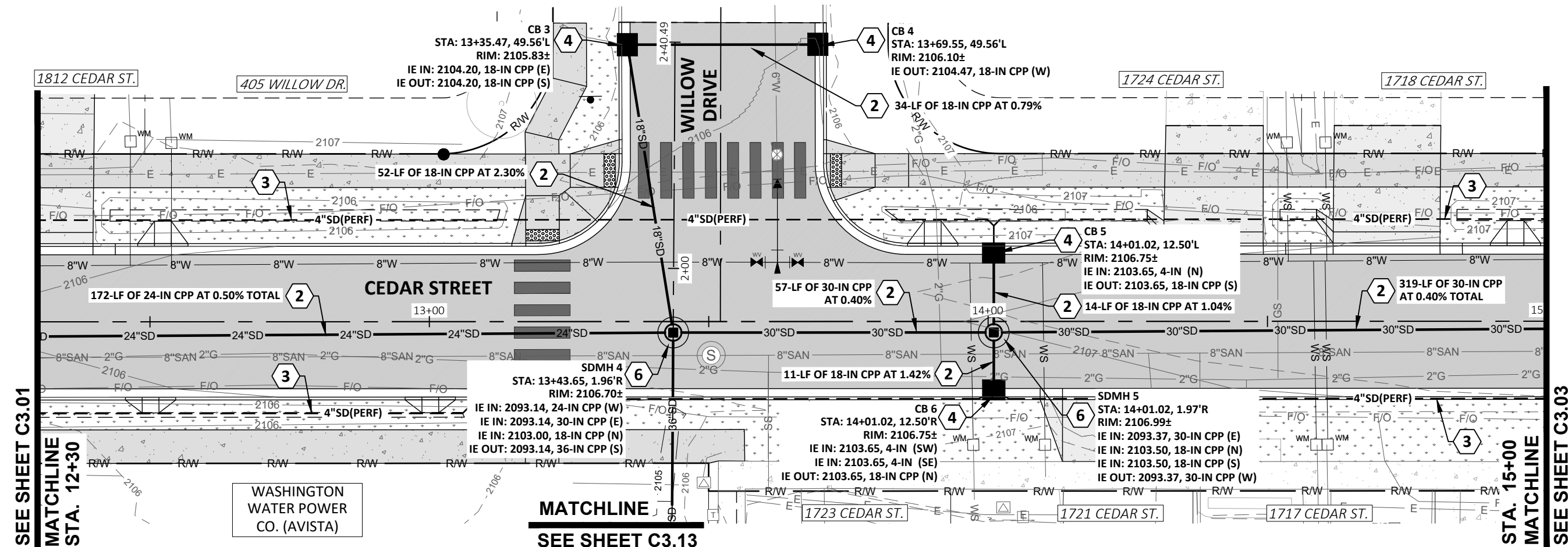
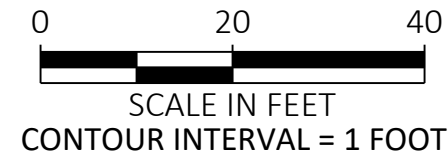
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C3.02

DRAWING: SHEET: --- OF XX 78

CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
- 4 INSTALL WSDOT TYPE 1L CATCH BASIN WITH COMBINATION INLET. PROVIDE 1-FOOT SUMP (MIN).
- 5 INSTALL WSDOT TYPE 1 CATCH BASIN WITH RECTANGULAR FRAME AND INLET. SET RIM ELEVATION 6" ABOVE SWALE BOTTOM. PROVIDE 1-FOOT SUMP (MIN).
- 6 INSTALL STANDARD MANHOLE TYPE B, DEEP-RAISED INVERT. 54" I.D. WITH 2-FOOT SUMP. SEE ISPWC SD-614A FOR ADDITIONAL INFORMATION.
- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ---.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ---.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



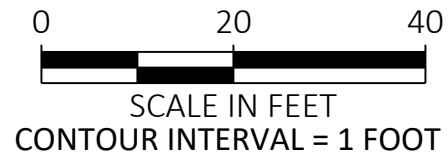
CEDAR ST PROFILE - STA. 12+00 TO STA. 14+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:34 AM Plotted By: Destiny Hilliard Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-2.DWG

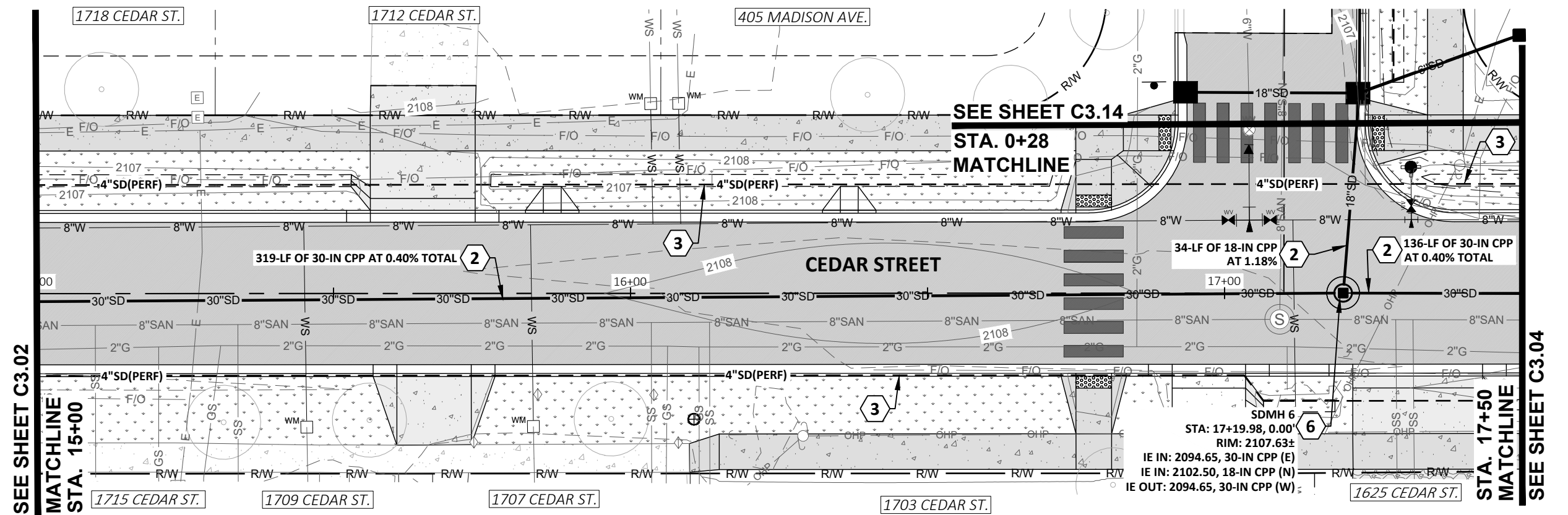


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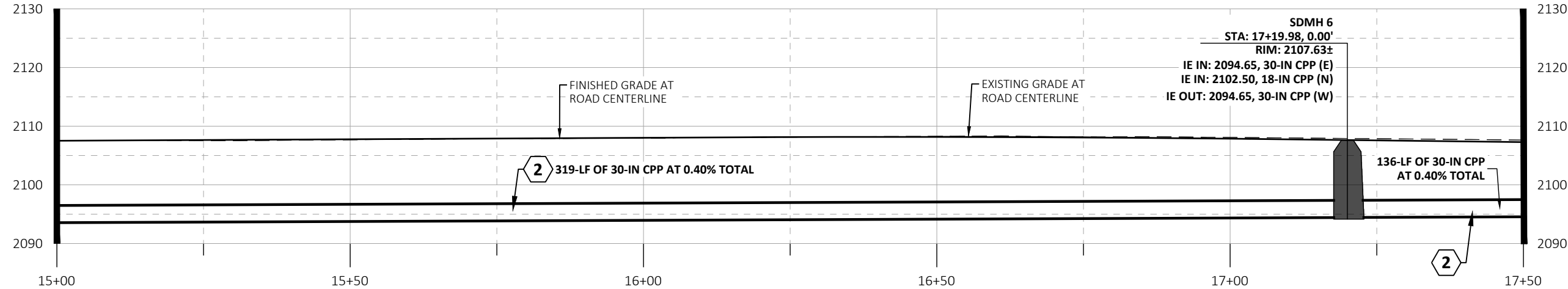
- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
- 4 INSTALL WSDOT TYPE 1L CATCH BASIN WITH COMBINATION INLET. PROVIDE 1-FOOT SUMP (MIN).
- 5 INSTALL WSDOT TYPE 1 CATCH BASIN WITH RECTANGULAR FRAME AND INLET. SET RIM ELEVATION 6" ABOVE SWALE BOTTOM. PROVIDE 1-FOOT SUMP (MIN).
- 6 INSTALL STANDARD MANHOLE TYPE B, DEEP-RAISED INVERT. 54" I.D. WITH 2-FOOT SUMP. SEE ISPWC SD-614A FOR ADDITIONAL INFORMATION.
- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ___.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



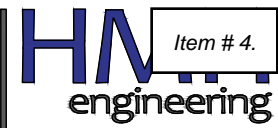
MADISON AVENUE



Plot Date: 1/3/2025 9:34 AM Plotted By: Destiny Hilliard Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-3.DWG



CEDAR ST PROFILE - STA. 14+50 TO STA. 17+50
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 20'



476864 Highway 95, Suite 3
 Ponderay, ID 83852
 (208) 635-5825

CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID
 CEDAR STREET
 STORMWATER P&P
 STA. 15+00 TO STA. 17+50

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG: PROJECT NO: M24005
 DRAWN BY: DJJ
 CHECKED BY: DMT
 DATE: DECEMBER 2024

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NO.	DATE	BY	DESCRIPTION

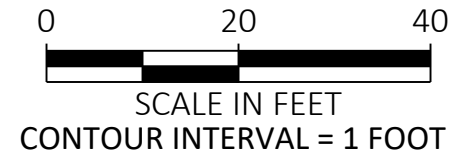
C3.03

DRAWING: SHEET: --- OF XX 79



CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
- 4 INSTALL WSDOT TYPE 1L CATCH BASIN WITH COMBINATION INLET. PROVIDE 1-FOOT SUMP (MIN).
- 5 INSTALL WSDOT TYPE 1 CATCH BASIN WITH RECTANGULAR FRAME AND INLET. SET RIM ELEVATION 6" ABOVE SWALE BOTTOM. PROVIDE 1-FOOT SUMP (MIN).
- 6 INSTALL STANDARD MANHOLE TYPE B, DEEP-RAISED INVERT. 54" I.D. WITH 2-FOOT SUMP. SEE ISPWC SD-614A FOR ADDITIONAL INFORMATION.
- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ___.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
STORMWATER P&P
STA. 17+50 TO STA. 19+50

NOT
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PRELIMINARY
FOR
CONSTRUCTION

75% REVIEW
DOCUMENTS

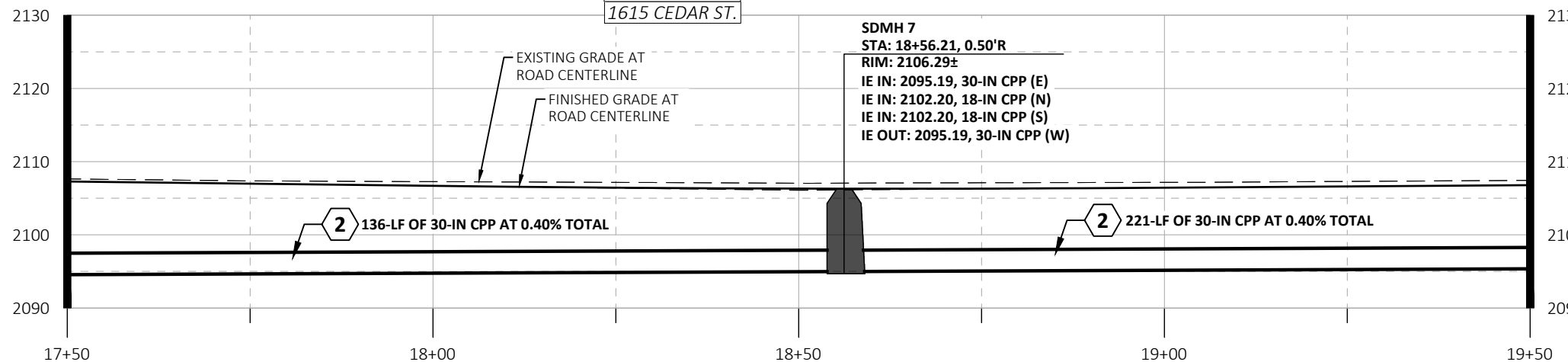
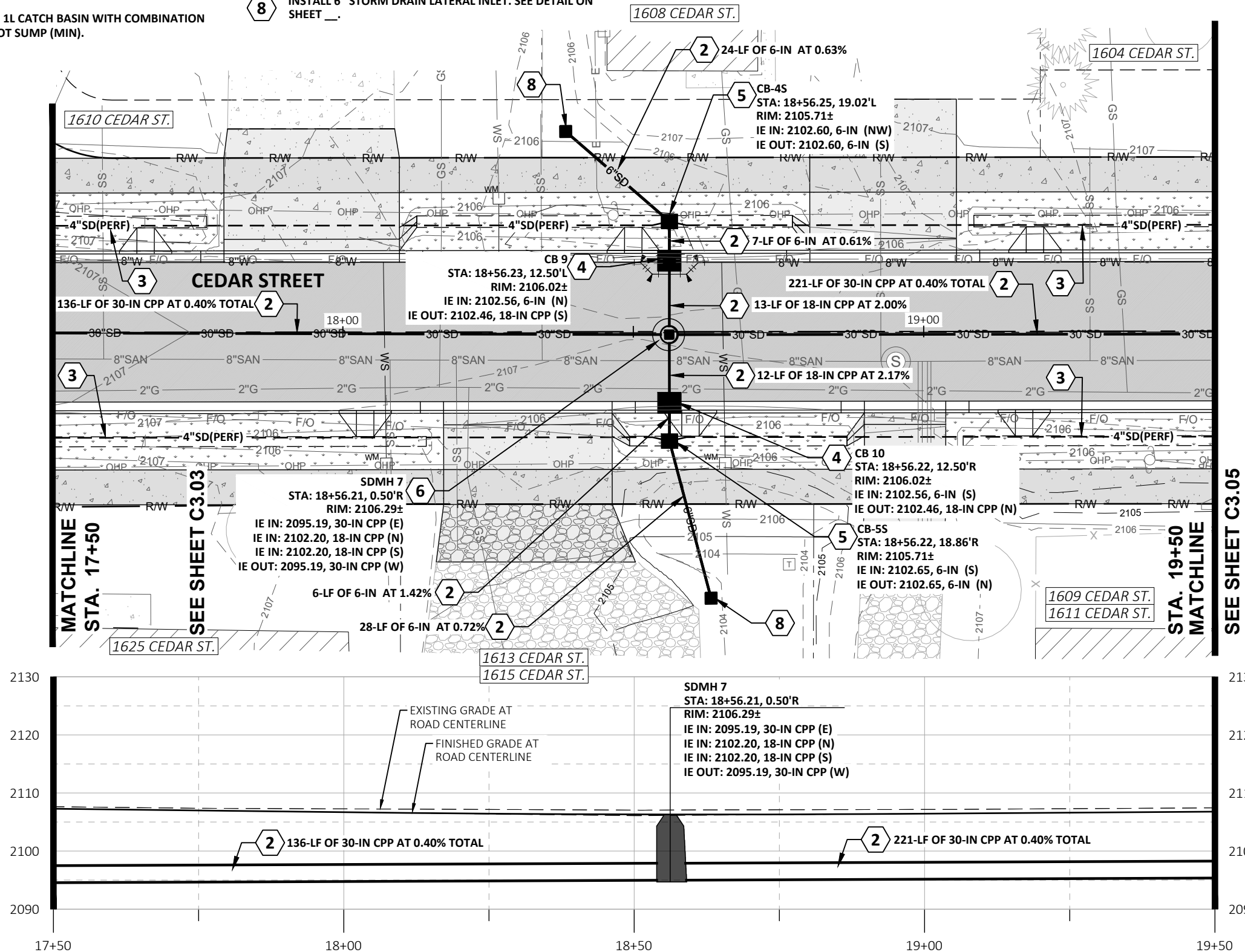
1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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C3.04

DRAWING:
SHEET: --- OF XX



CEDAR ST PROFILE - STA. 17+30 TO STA. 19+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:35 AM. Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-4.DWG



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1" SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

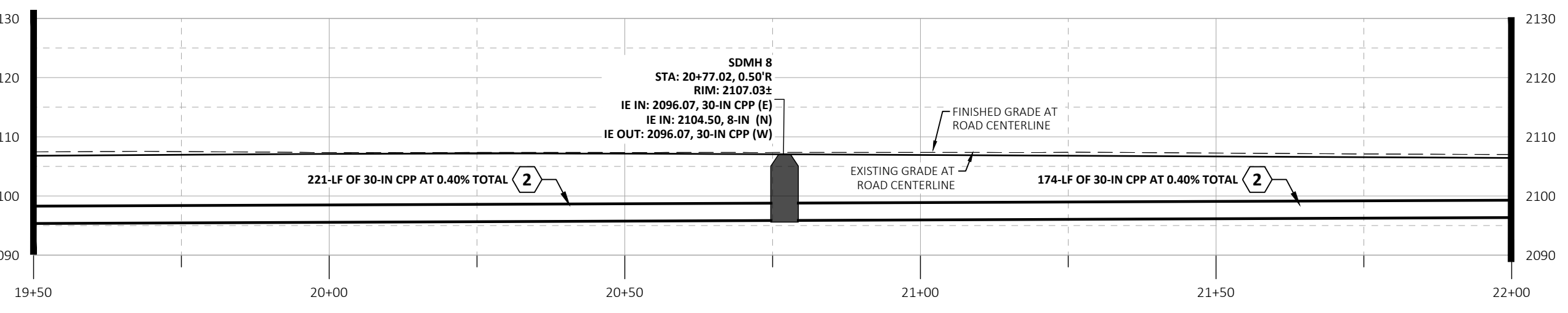
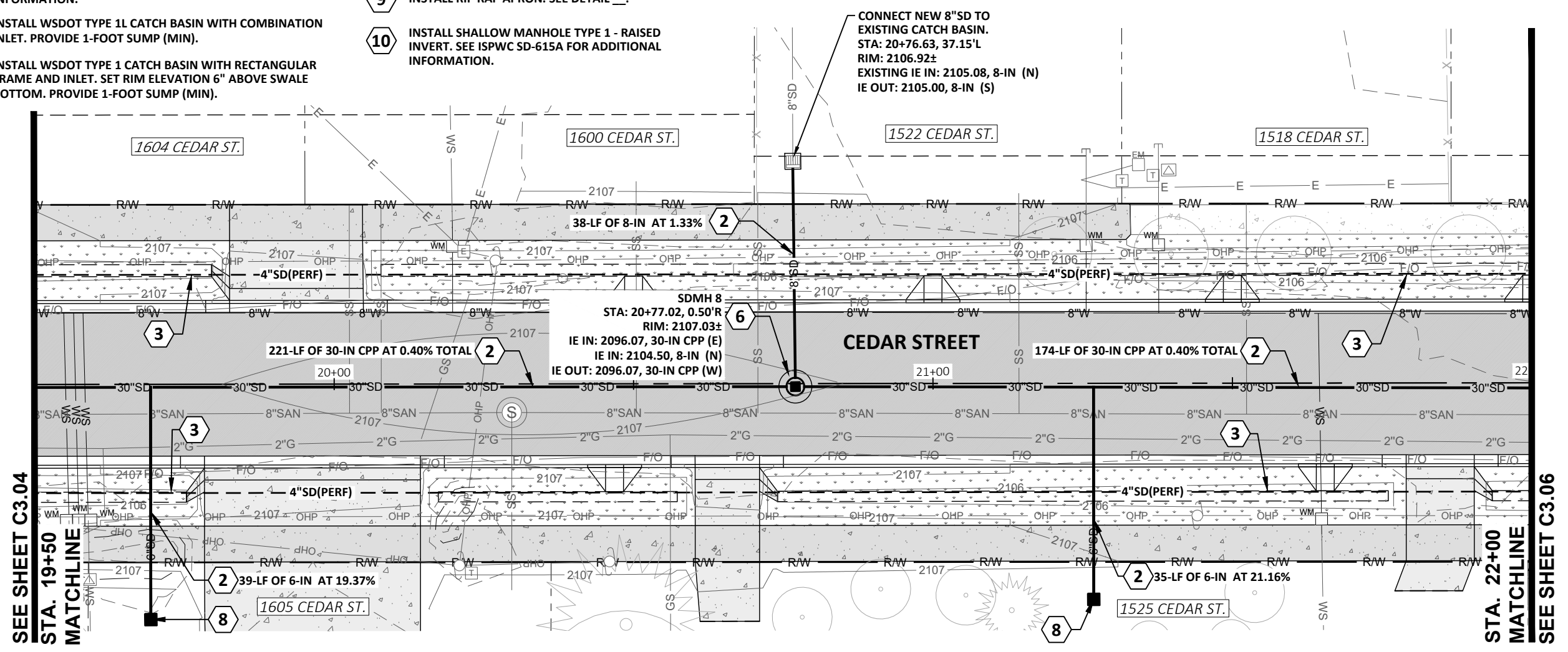
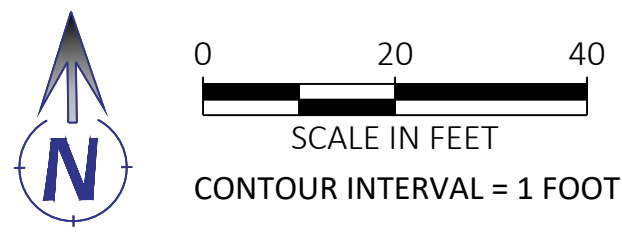
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REVISIONS
NO. DATE BY DESCRIPTION

C3.05

DRAWING: 81
SHEET: --- OF XX

CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
- 4 INSTALL WSDOT TYPE 1L CATCH BASIN WITH COMBINATION INLET. PROVIDE 1-FOOT SUMP (MIN).
- 5 INSTALL WSDOT TYPE 1 CATCH BASIN WITH RECTANGULAR FRAME AND INLET. SET RIM ELEVATION 6" ABOVE SWALE BOTTOM. PROVIDE 1-FOOT SUMP (MIN).
- 6 INSTALL STANDARD MANHOLE TYPE B, DEEP-RAISED INVERT. 54" I.D. WITH 2-FOOT SUMP. SEE ISPWC SD-614A FOR ADDITIONAL INFORMATION.
- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ___.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



CEDAR ST PROFILE - STA. 19+50 TO STA. 22+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:35 AM Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-5.DWG



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
STORMWATER P&P
STA. 22+00 TO STA. 24+60

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: M24005
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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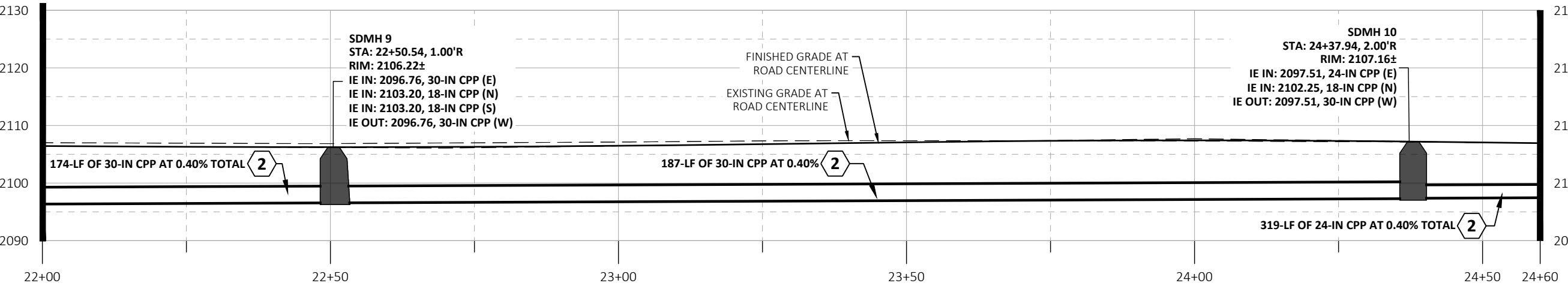
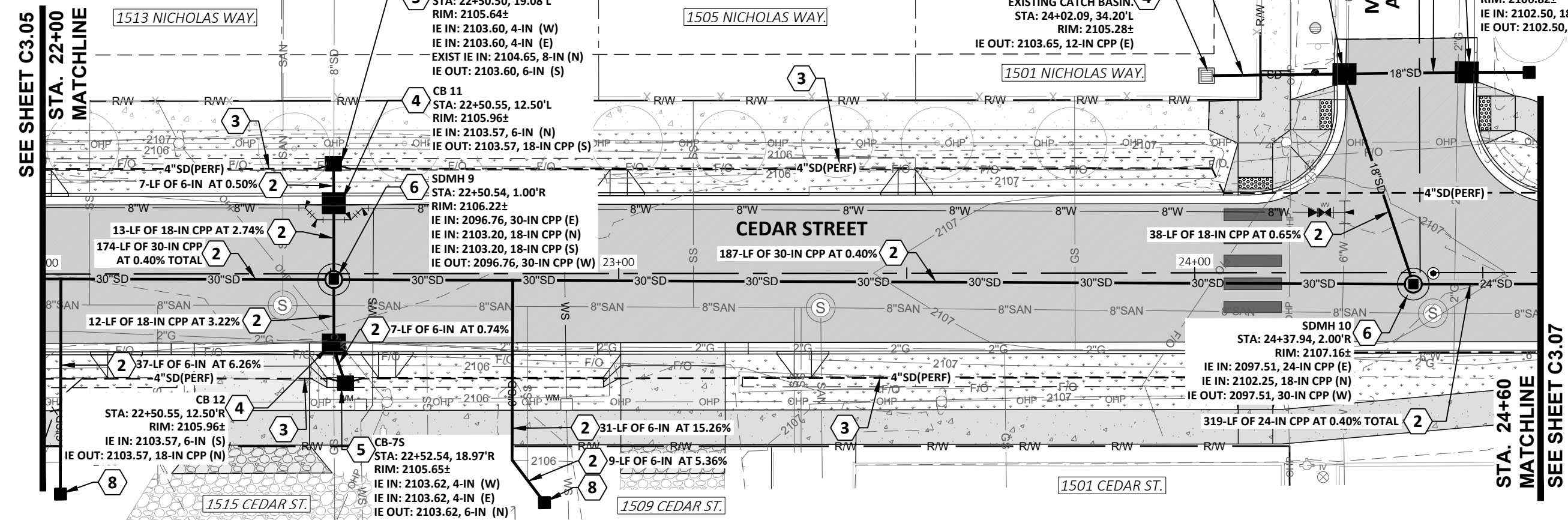
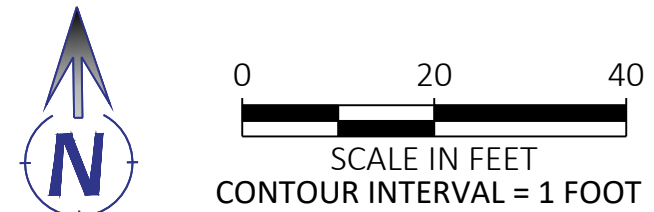
NO.	DATE	BY	DESCRIPTION

C3.06

DRAWING: 82
SHEET: --- OF XX

CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM PIPE USING MARMAC DP COUPLER OR APPROVED EQUAL. CONTRACTOR TO POTHOLE TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING PIPE PRIOR TO CONSTRUCTION.
- 2 INSTALL NEW STORM PIPE. SEE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
- 3 INSTALL NEW 4" PERFORATED STORM PIPE MATCHING ROAD GRADE TO NEAREST DOWN GRADIENT CATCH BASIN. SEE PLAN BELOW AND TYPICAL ROAD SECTION FOR ADDITIONAL INFORMATION.
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- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



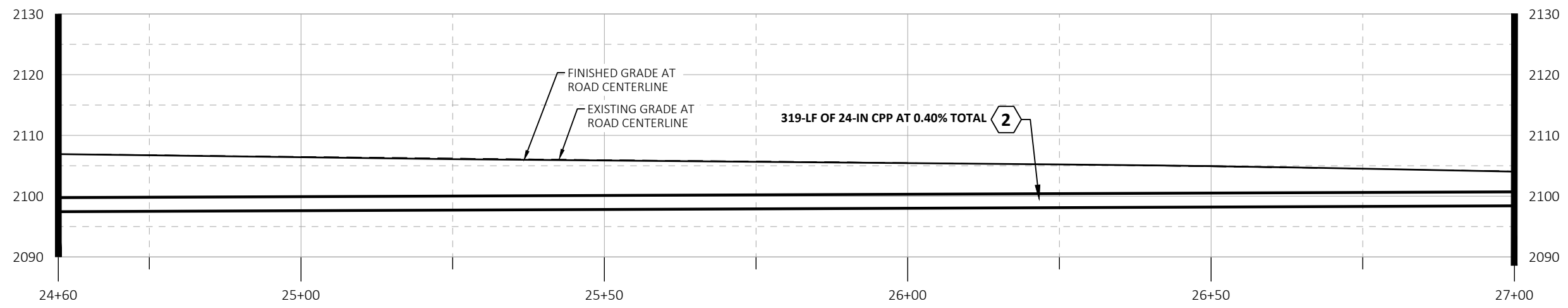
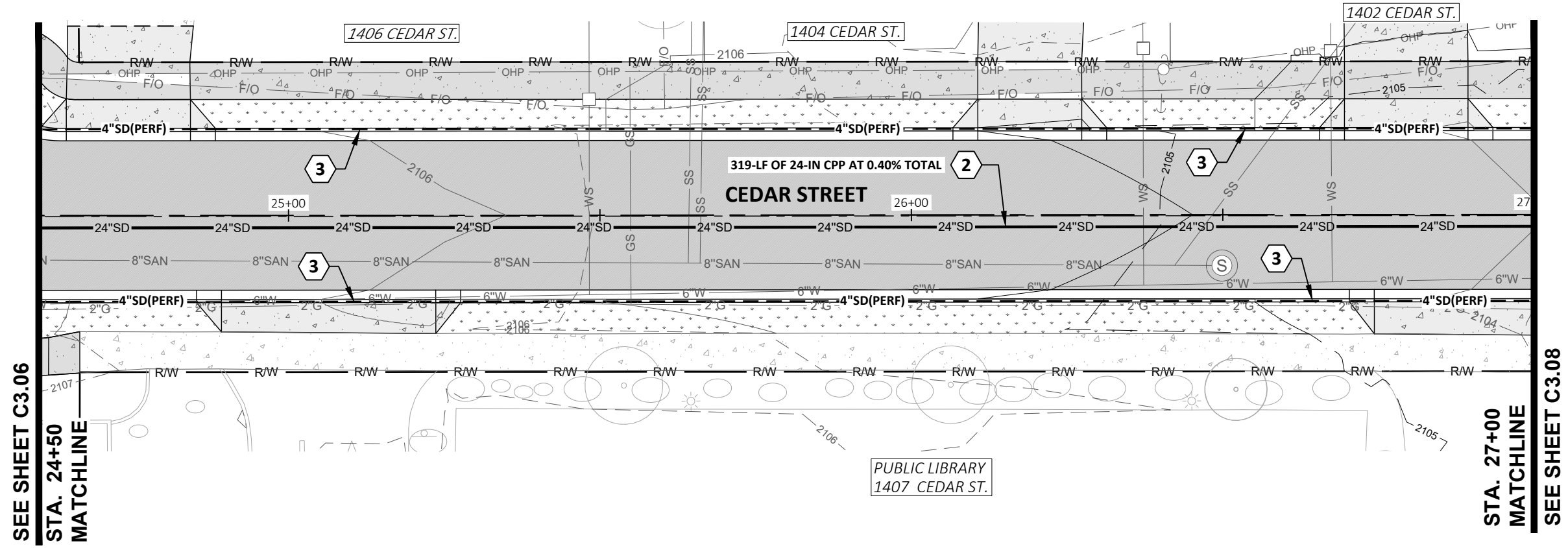
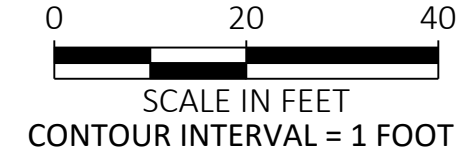
CEDAR ST PROFILE - STA. 22+00 TO STA. 24+60
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:35 AM Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-6.DWG



CONSTRUCTION NOTES:

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CEDAR ST PROFILE - STA. 24+50 TO STA. 27+00
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 20'



476864 Highway 95, Suite 3
 Ponderay, ID 83852
 (208) 635-5825

CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID
 CEDAR STREET
 STORMWATER P&P
 STA. 24+60 TO STA. 27+00

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
 SCALE: (11X17 ONLY)

DWG:
 PROJECT NO: M24005
 DRAWN BY: DJJ
 CHECKED BY: DMT
 DATE: DECEMBER 2024

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 NO. DATE BY DESCRIPTION

C3.07

DRAWING: 83
 SHEET: --- OF XX

Plot Date: 1/3/2025 9:35 AM Plotted By: Destiny Hilliard
 Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS-7.DWG



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
STORMWATER P&P
STA. 27+00 TO END

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

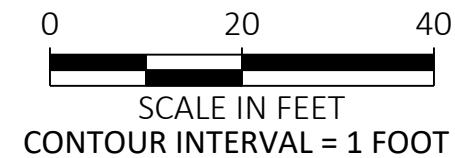
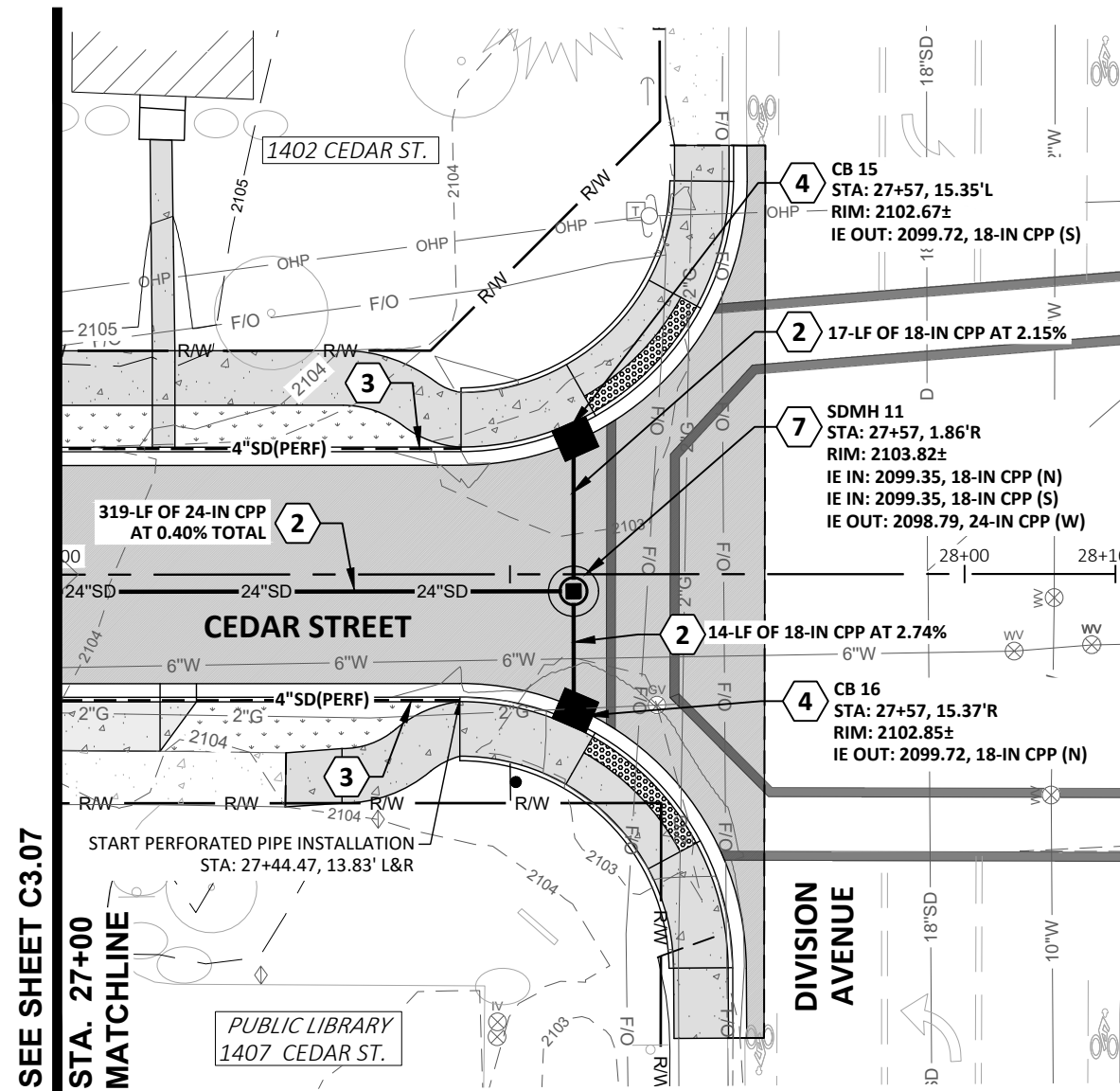
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SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

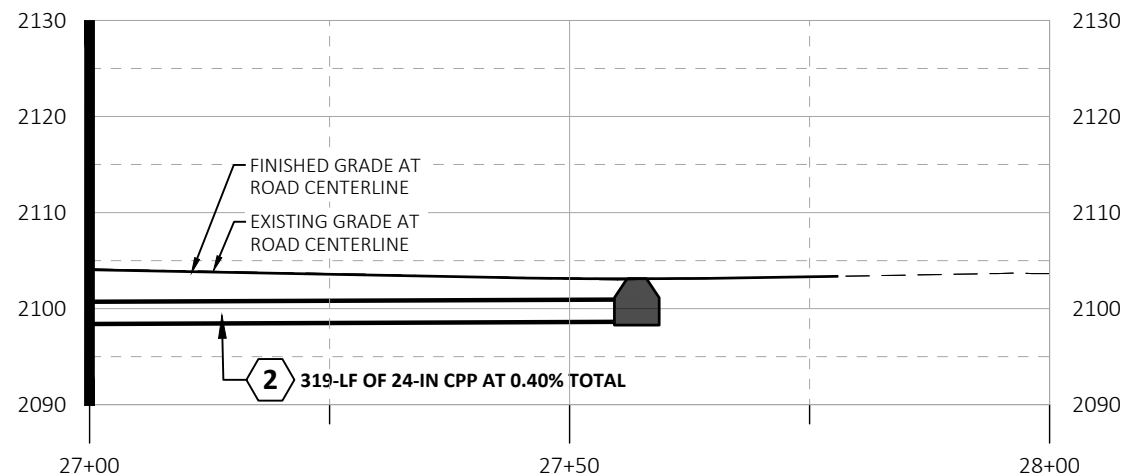
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DRAWING: 84
SHEET: --- OF XX

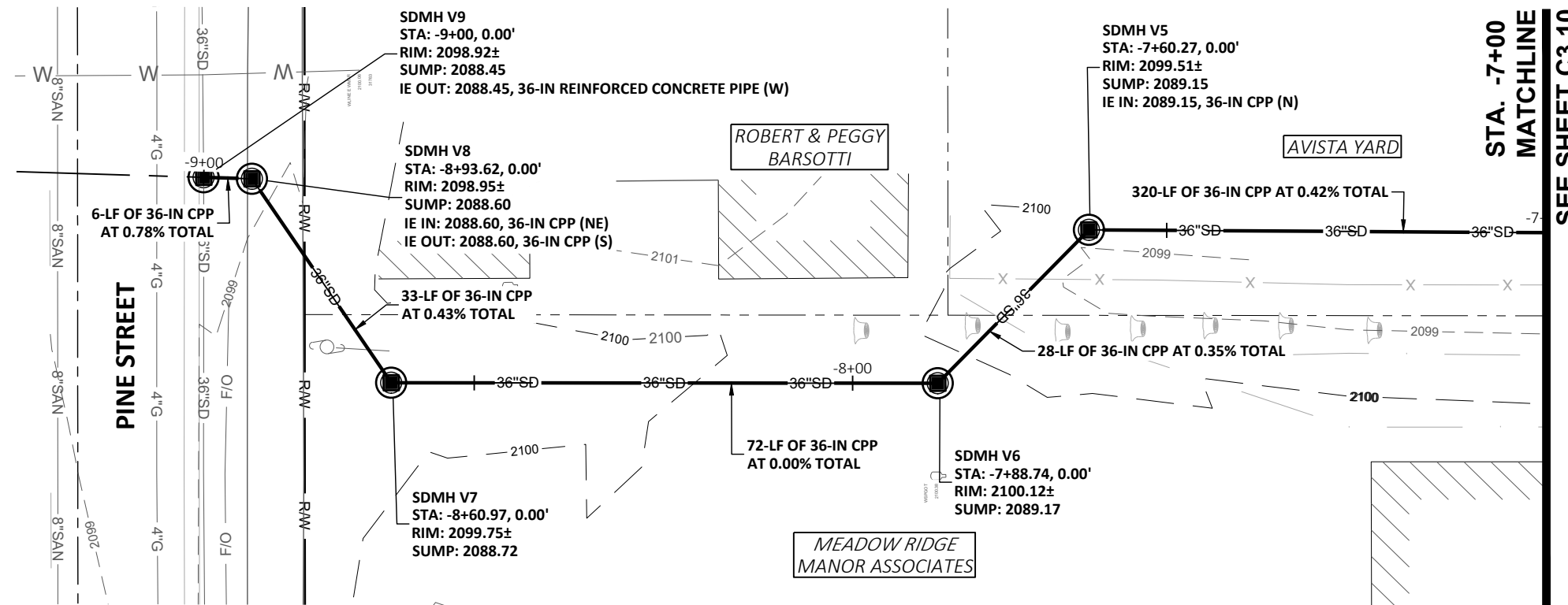
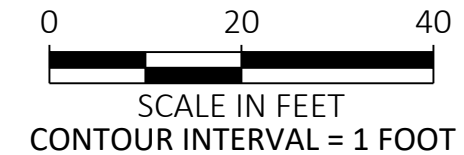
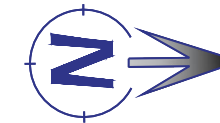


CONSTRUCTION NOTES:

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- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



CEDAR ST PROFILE - STA. 27+00 TO END
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'



STA. -7+00
MATCHLINE
SEE SHEET C3.10

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

OFF-SITE
STORMWATER P&P
STA. -9+25 TO STA. -7+00

NOT
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PRELIMINARY
FOR
CONSTRUCTION

75% REVIEW
DOCUMENTS

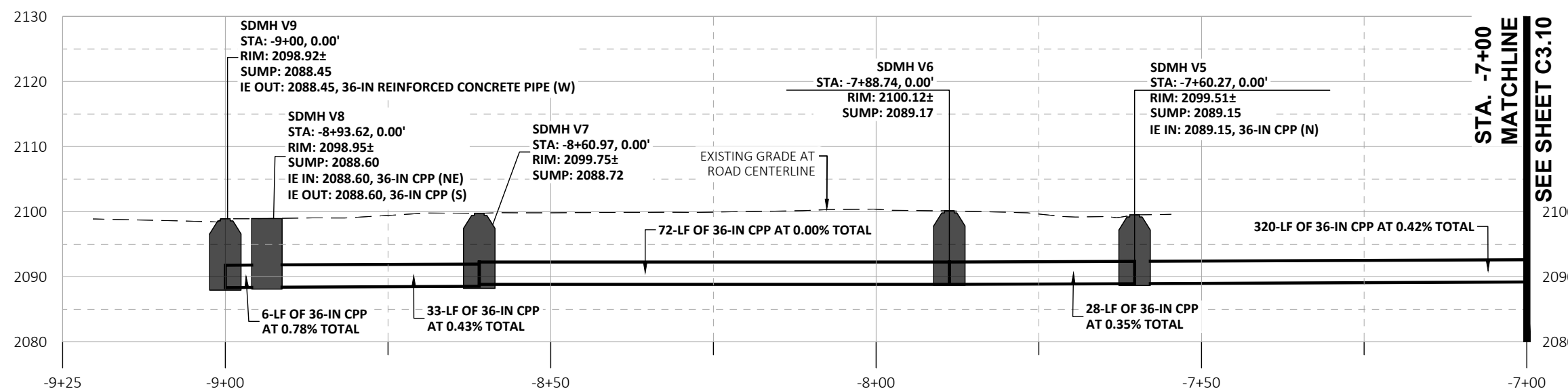
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SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

C3.09

DRAWING:
SHEET: --- OF XX 85



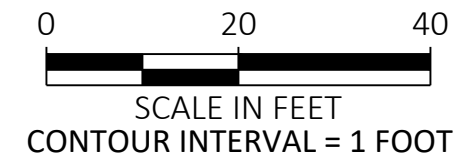
STA. -7+00
MATCHLINE
SEE SHEET C3.10

OFF-SITE PROFILE - STA. -9+25 TO STA. -7+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:36 AM Plotted By: Destiny Hilliard Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS OFFSITE.DWG



CONSTRUCTION NOTES:



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Ponderay, ID 83852
(208) 635-5825

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

OFF-SITE
STORMWATER P&P
STA. -7+00 TO STA. -4+50

NOT
APPROVED
PRELIMINARY
FOR
CONSTRUCTION

75% REVIEW
DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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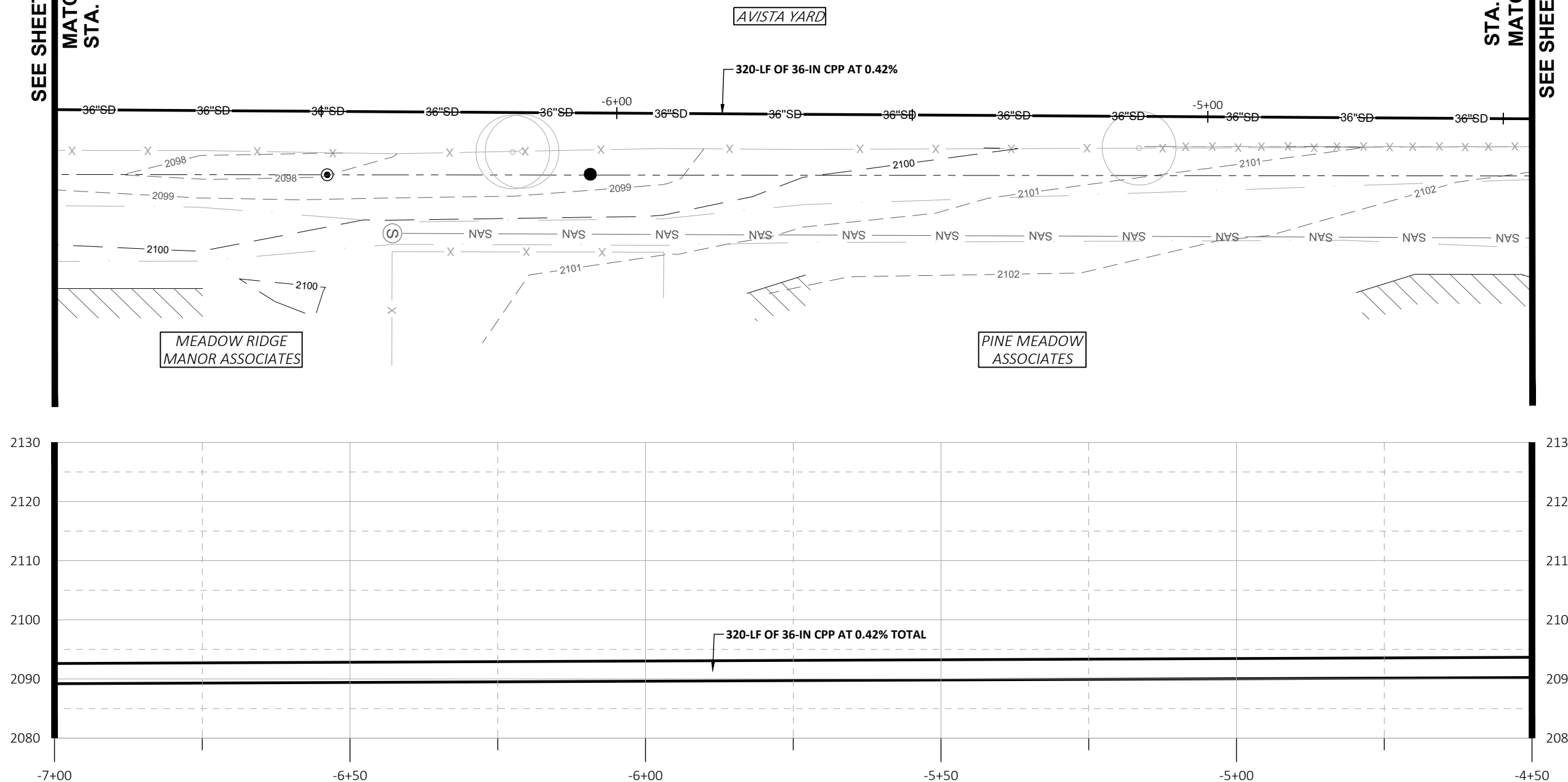
NO.	DATE	BY	DESCRIPTION

C3.10

DRAWING: 86
SHEET: ---- OF XX

SEE SHEET C3.09
MATCHLINE
STA. -7+00

STA. -4+50
MATCHLINE
SEE SHEET C3.11

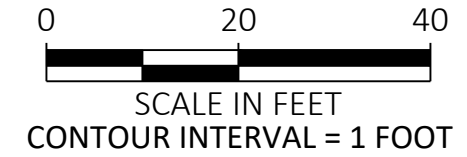
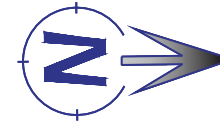


OFF-SITE PROFILE - STA. -7+00 TO STA. -4+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:36 AM, Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS OFFSITE.DWG



CONSTRUCTION NOTES:



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

OFF-SITE
STORMWATER P&P
STA. -4+50 TO STA. -2+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

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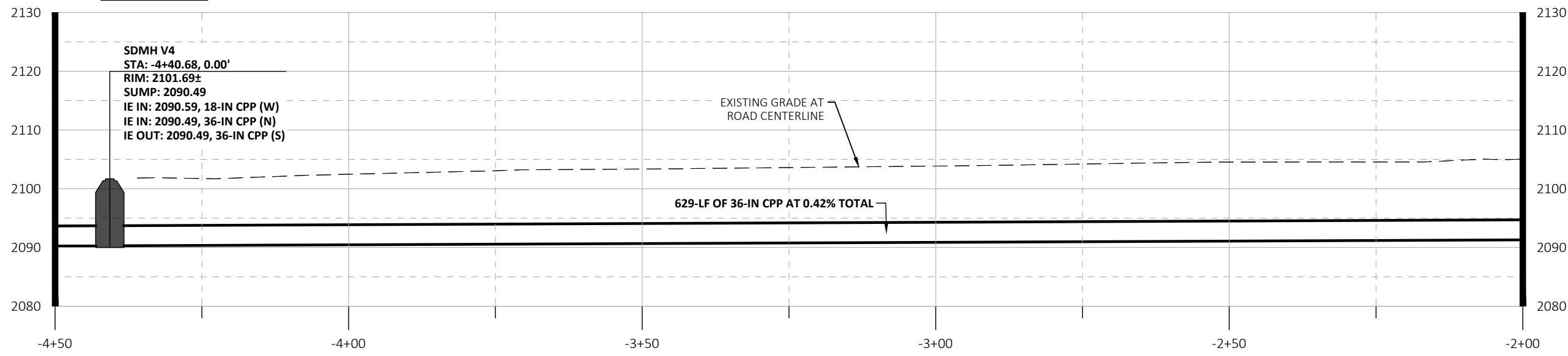
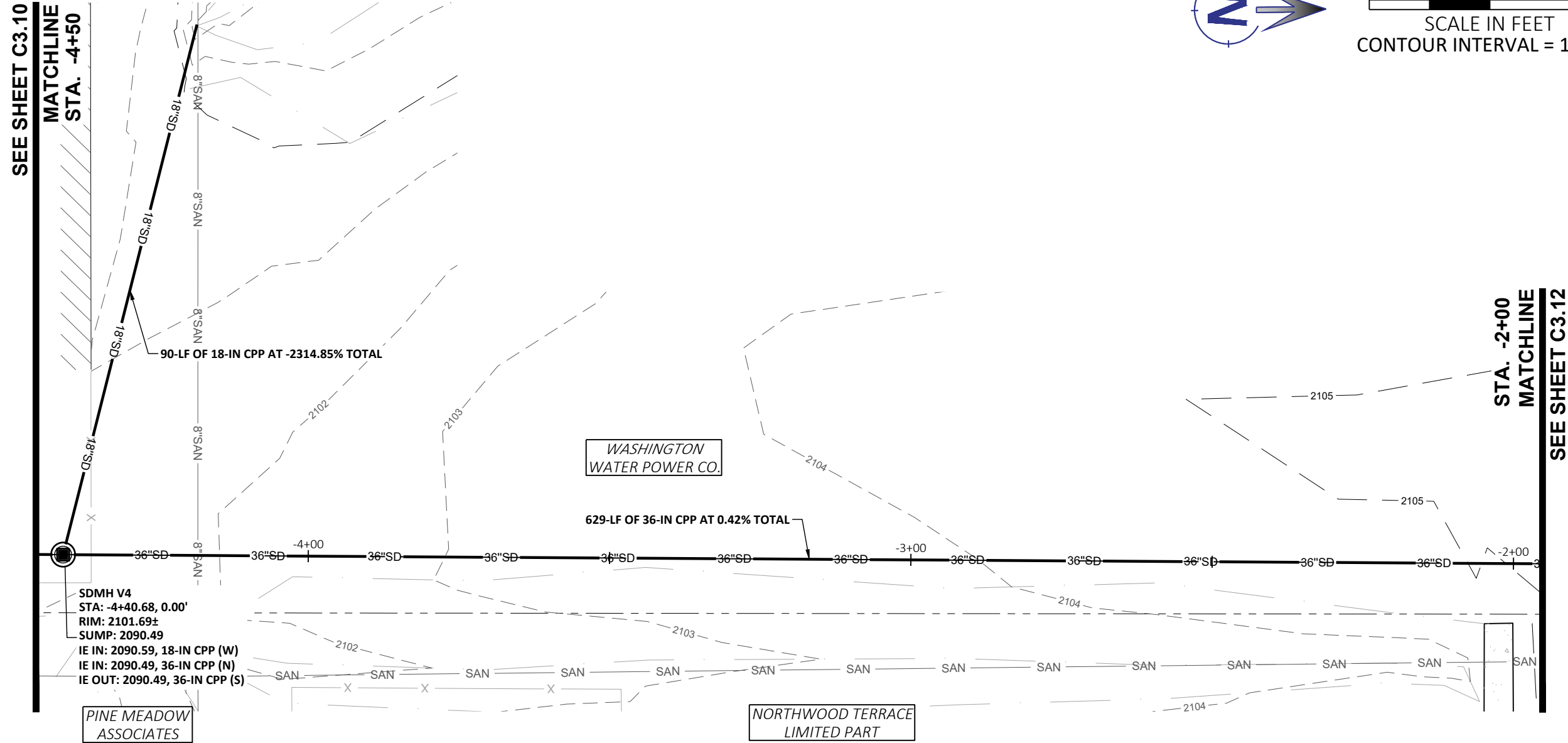
1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
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CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

C3.11

DRAWING: 87
SHEET: ---- OF XX



OFF-SITE PROFILE - STA. -4+50 TO STA. -2+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

SEE SHEET C3.10

MATCHLINE
STA. -4+50

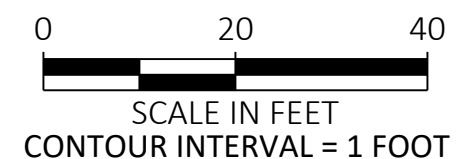
STA. -2+00
MATCHLINE

SEE SHEET C3.12

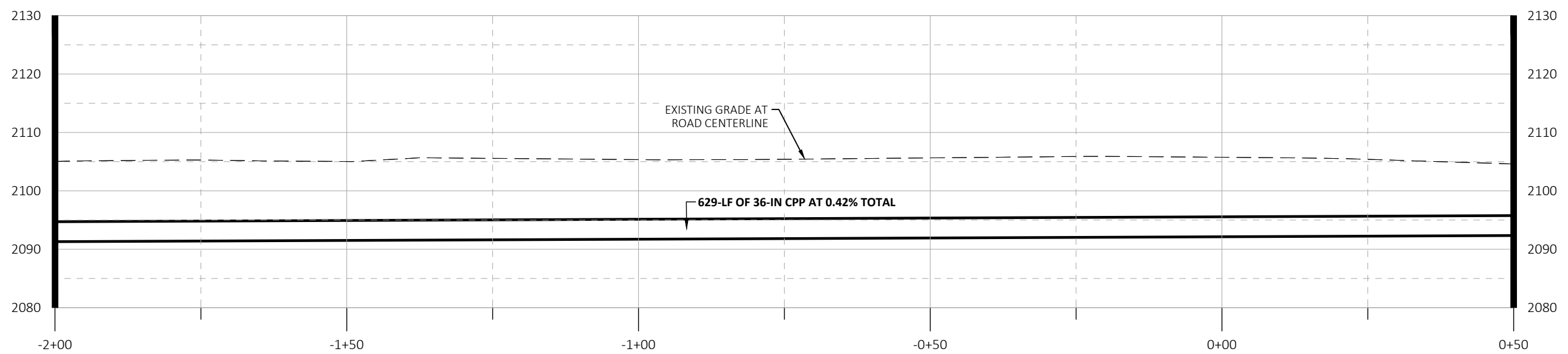
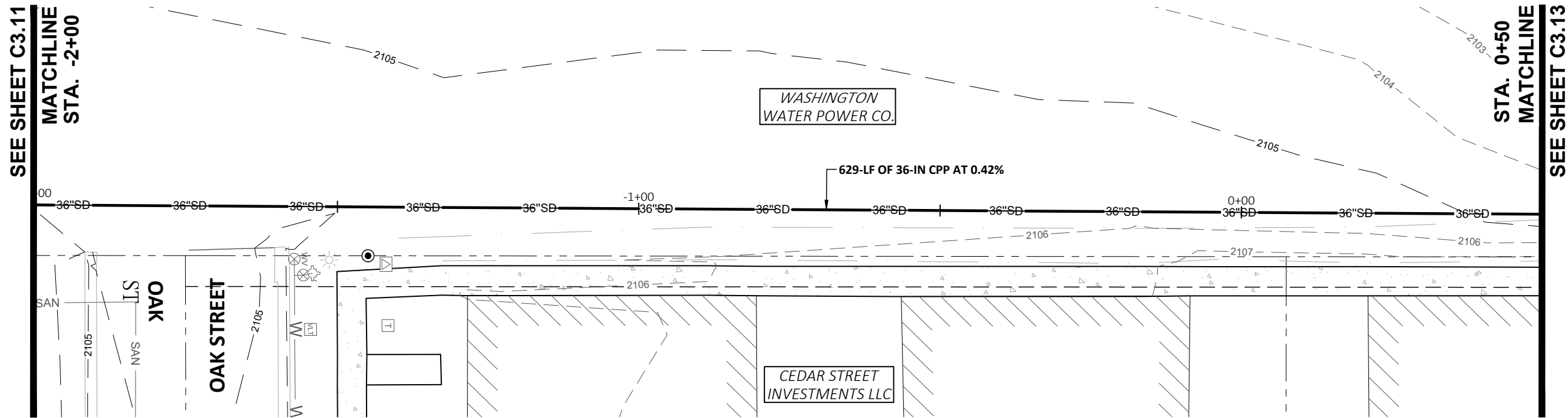
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Plot Date: 1/3/2025 9:36 AM Plotted By: Destiny Hilliard
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 Ponderay, ID 83852
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OFF-SITE PROFILE - STA. -2+00 TO STA. 0+50
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 20'

CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID
 OFF-SITE
 STORMWATER P&P
 STA. -2+00 TO STA. 0+50

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
 SCALE: (11X17 ONLY)

DWG:
 PROJECT NO: M24005
 DRAWN BY: DJJ
 CHECKED BY: DMT
 DATE: DECEMBER 2024

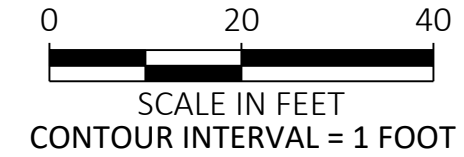
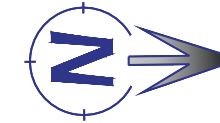
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NO.	DATE	BY	DESCRIPTION

C3.12

DRAWING: 88
 SHEET: ---- OF XX

CONSTRUCTION NOTES:



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Ponderay, ID 83852
(208) 635-5825

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

OFF-SITE
STORMWATER P&P
STA. 0+50 TO STA. 2+50

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

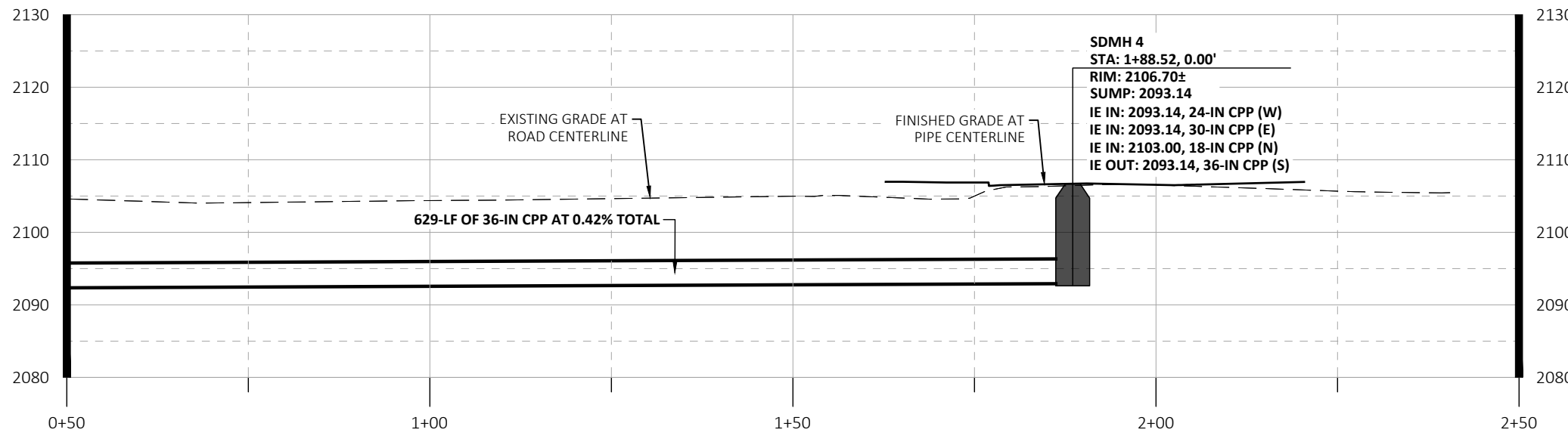
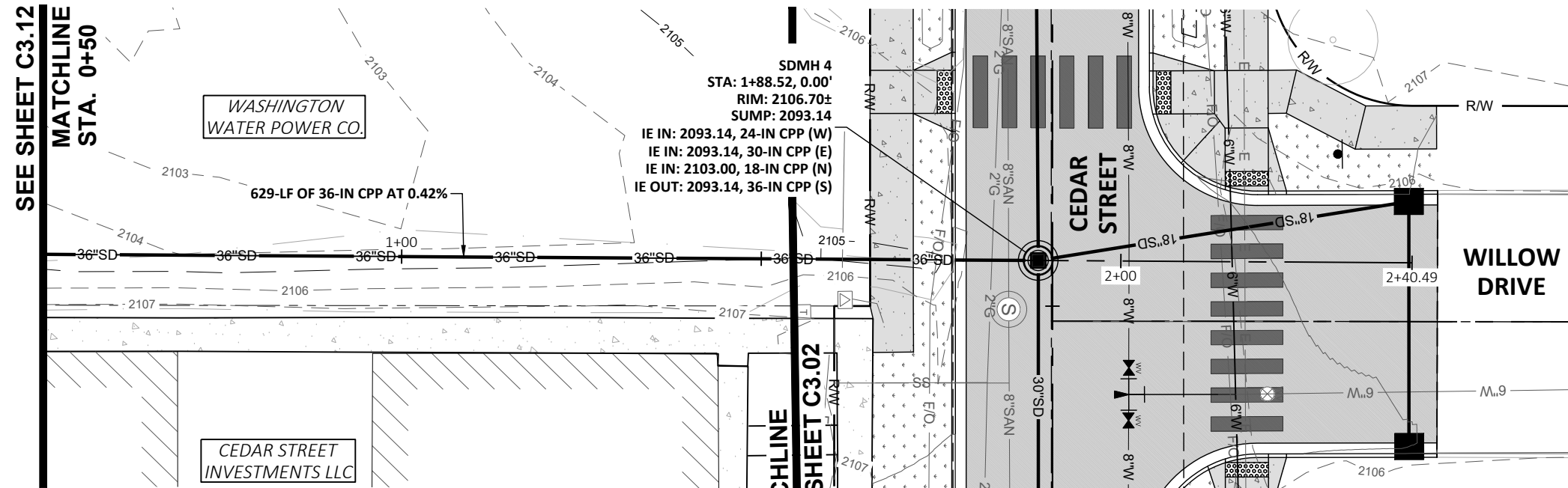
1"
SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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NO. DATE BY DESCRIPTION

C3.13

DRAWING: 89
SHEET: --- OF XX



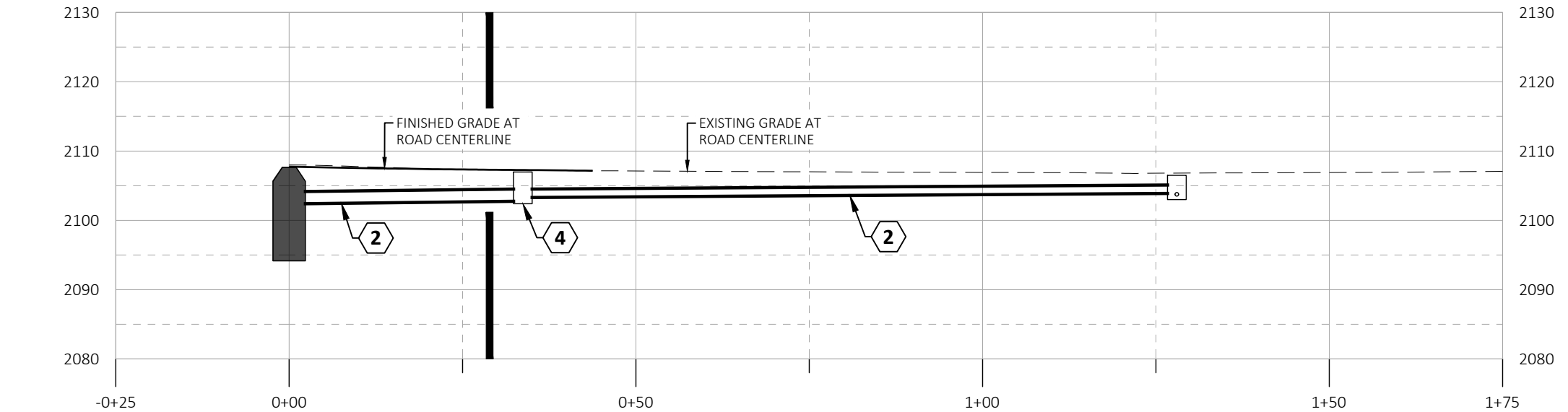
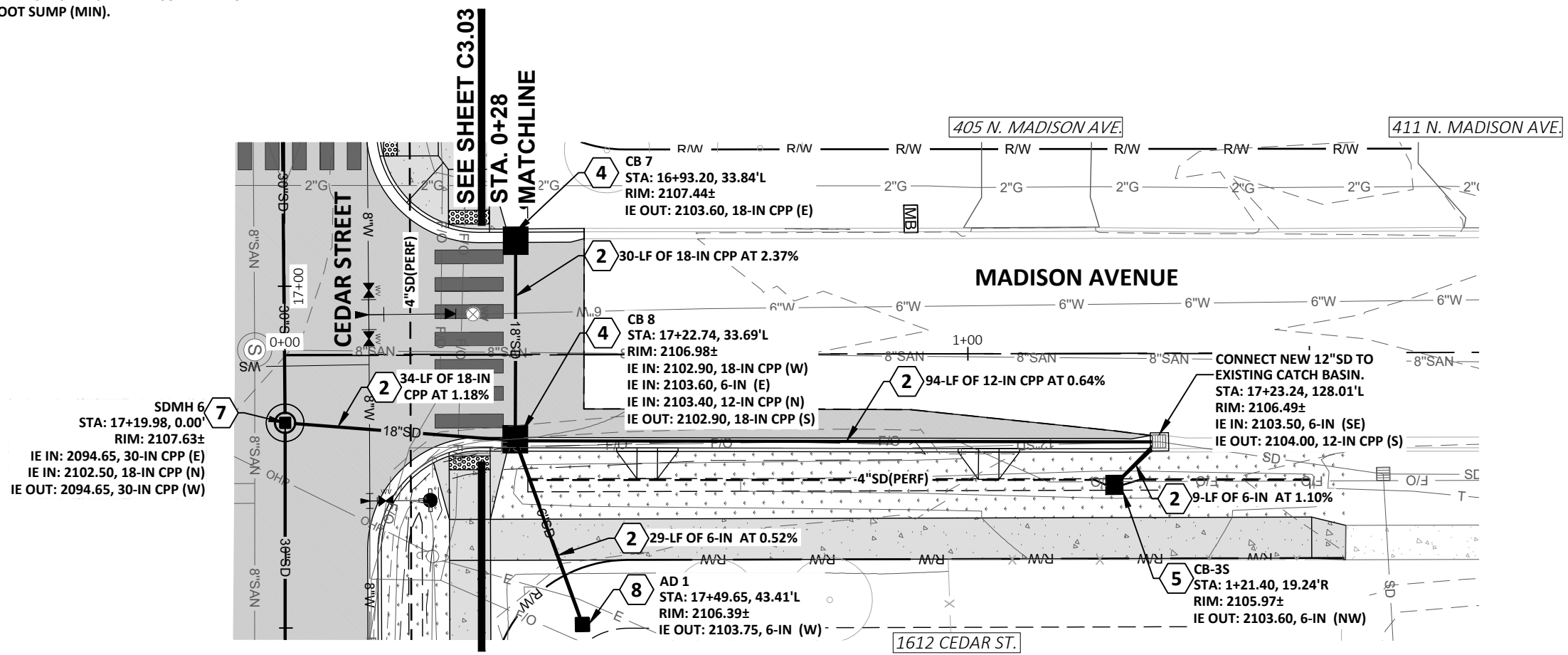
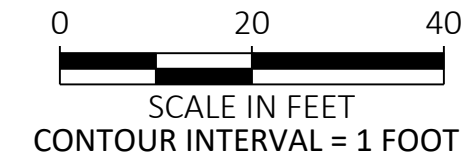
OFF-SITE PROFILE - STA. 0+50 TO STA. 2+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:36 AM. Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - STORM PPS OFFSITE.DWG



CONSTRUCTION NOTES:

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- 7 INSTALL STANDARD CONCRETE CATCH MANHOLE WITH 2-FOOT SUMP. SEE ISPWC SD-611 FOR ADDITIONAL INFORMATION.
- 8 INSTALL 6" STORM DRAIN LATERAL INLET. SEE DETAIL ON SHEET ___.
- 9 INSTALL RIP RAP APRON. SEE DETAIL ___.
- 10 INSTALL SHALLOW MANHOLE TYPE 1 - RAISED INVERT. SEE ISPWC SD-615A FOR ADDITIONAL INFORMATION.



MADISON AVE PROFILE - STA. 0+00 TO END
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 20'



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CEDAR STREET RECONSTRUCTION
 CITY OF SANDPOINT, ID
 MADISON AVENUE
 STORMWATER
 STA. 0+00 TO END

NOT APPROVED
PRELIMINARY
 FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1" SCALE: (11X17 ONLY)

DWG:
 PROJECT NO: M24005
 DRAWN BY: DJJ
 CHECKED BY: DMT
 DATE: DECEMBER 2024

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 NO. DATE BY DESCRIPTION

C3.14

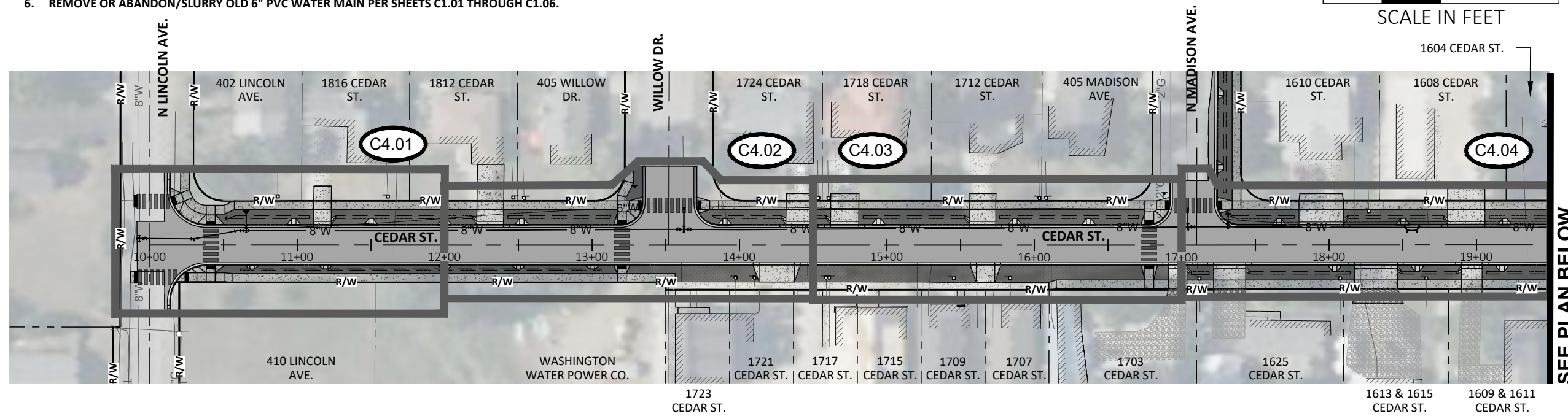
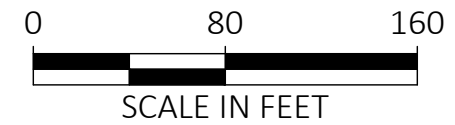
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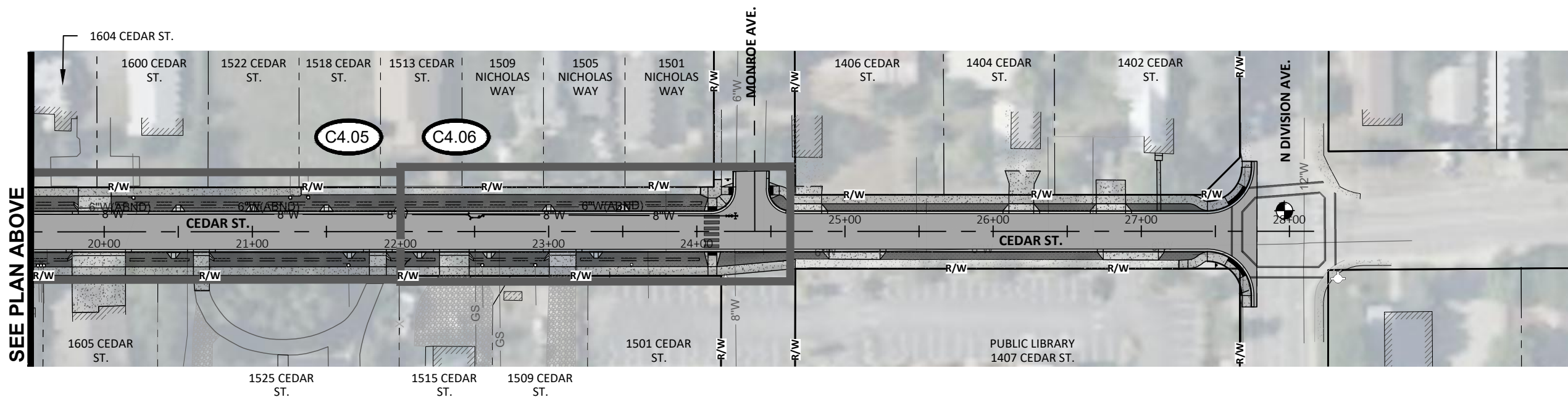


WATER MAIN CONSTRUCTION SEQUENCING:

1. AT LINCOLN AND MONROE HOT TAP EXISTING 6" PVC WATER MAINS AND INSTALL NEW 8" C-900 PVC WATER MAIN PER SHEETS C4.01 THROUGH C4.06.
2. INSTALL 1" ROMAC STAINLESS STEEL DOUBLE STRAP SADDLE TAPS (2025) ON NEW 8" WATER MAIN AND ASSOCIATED NEW 1" HDPE WATER SERVICES CONFORMING TO AWWA C901, 250 PSI TO NEW WATER METER ASSEMBLIES PER SHEETS C4.01 THROUGH C4.06.
3. PRESSURE TEST, FLUSH, AND DISINFECT ALL NEW WATER MAINS AND APPURTENANCES PER ISPWC REQUIREMENTS.
4. UPON ACCEPTANCE OF NEW WATER MAIN, CONNECT EXISTING WATER SERVICES TO NEW WATER METERS.
5. ISOLATE WATER MAINS AT WILLOW AND MADISON INTERSECTIONS TO ALLOW FOR CUTTING EXISTING 6" PVC WATER MAINS. CONNECT TO NEW 8" C900 WATER MAIN. PRESSURE TEST, FLUSH, AND DISINFECT PER ISPWC REQUIREMENTS.
6. REMOVE OR ABANDON/SLURRY OLD 6" PVC WATER MAIN PER SHEETS C1.01 THROUGH C1.06.



SEE PLAN BELOW



SEE PLAN ABOVE

CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

WATER MAIN OVERALL PLAN

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

DWG: M24005 - Water Overall.dwg
PROJECT NO: M24005
DRAWN BY: DJJ
CHECKED BY: DMT
DATE: DECEMBER 2024

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C4.00

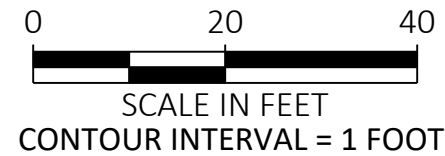
DRAWING:

SHEET: --- OF XX



CONSTRUCTION NOTES:

- 1** REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3** INSTALL NEW 1" HDPE WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4** INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 5** CONNECT TO EXISTING 8" PVC WATER MAIN. STA: 9+93, 4.47'L.
- 6** HOT TAP EXISTING 8" PVC WATER MAIN WITH ROMAC SST TAPPING SLEEVE. INSTALL 8" GATE VALVE AND THRUST BLOCK. CONTRACTOR TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING WATER MAIN PRIOR TO CONSTRUCTION.
- 7** INSTALL FIRE HYDRANT ASSEMBLY IN ACCORDANCE WITH DETAIL __ ON SHEET __.
- 8** 8" PVC WATER MAIN GRADE BREAK. STA: 11+70.01, 9.69'L.
- 12** CUT AND CAP EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R6.
- 13** REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R5.
- 16** INSTALL 11.25-DEGREE FITTING. RESTRAIN ALL JOINTS WITHIN 3 FEET OF FITTING IN LIEU OF THRUST BLOCKING. STA: 10+30.08, 4.25'L
STA: 10+59.54, 9.76'L

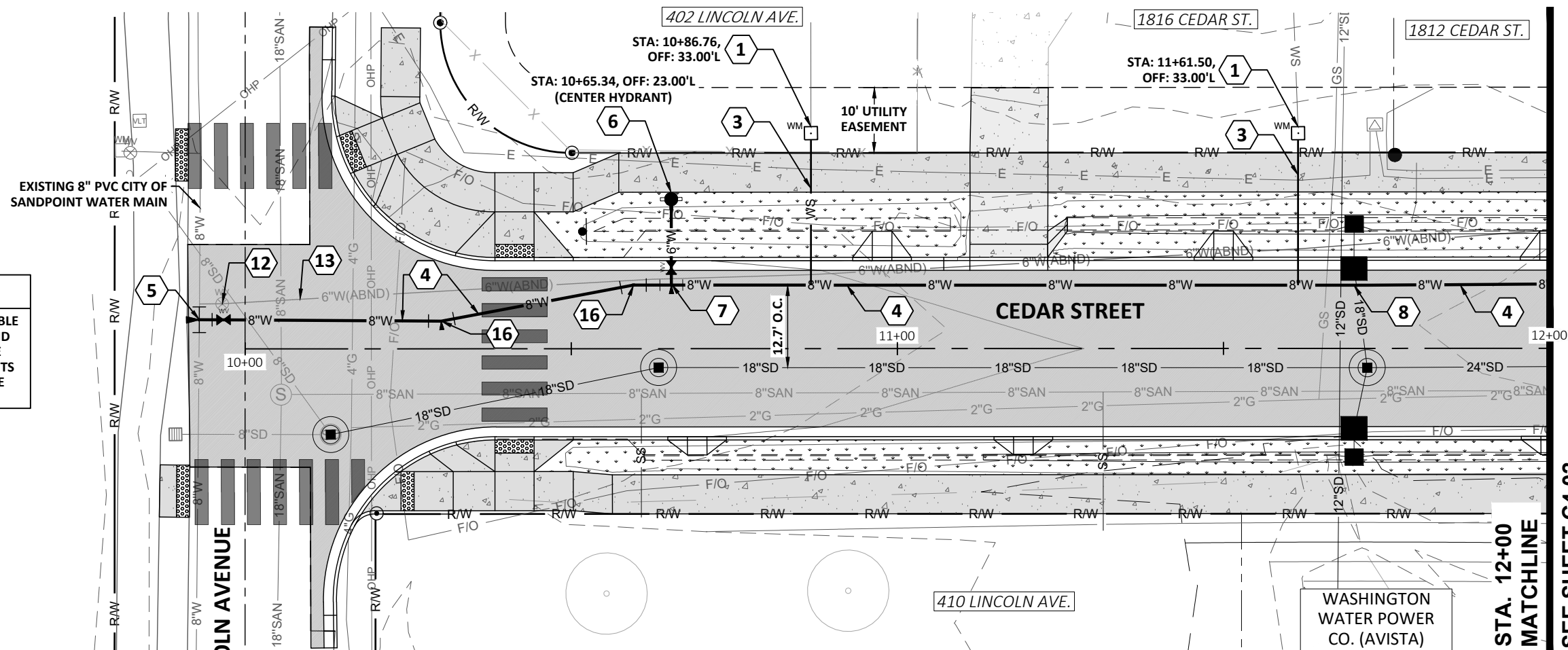


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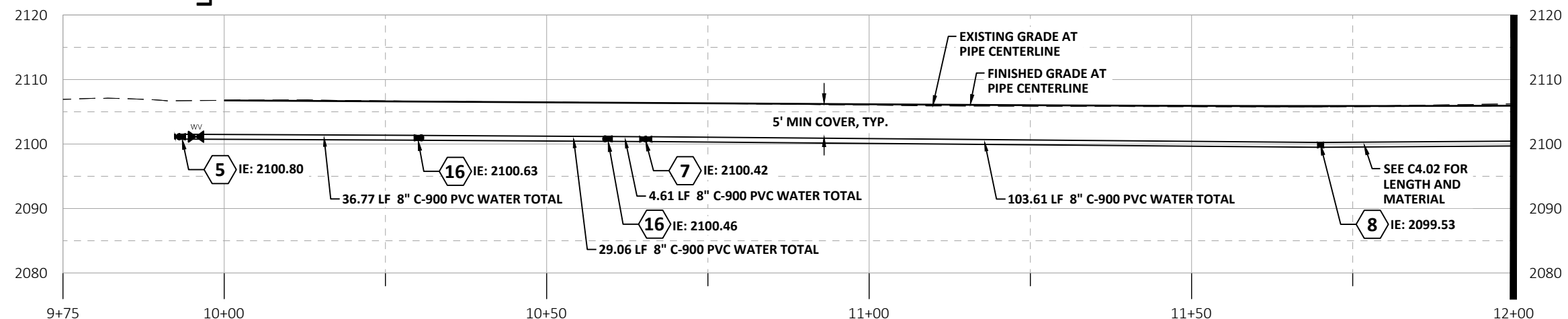
CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
WATER MAIN P&P
STA. 9+75 TO STA. 12+00

NOTE:
CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPMC SD-407.



STA. 12+00
MATCHLINE
SEE SHEET C4.02



CEDAR ST PROFILE - STA. 9+75 TO STA. 12+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

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PRELIMINARY
FOR CONSTRUCTION

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1" SCALE: (11X17 ONLY)

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C4.01

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SHEET: ---- OF XX

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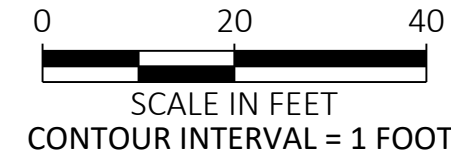


CONSTRUCTION NOTES:

- 1 REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3 INSTALL NEW WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4 INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 8 8" PVC WATER MAIN GRADE BREAK. STA: 13+41.88, 10.65'L
STA: 14+01, 10.43'L
- 9 INSTALL 8"X6" REDUCER. CONNECT TO EXISTING 6" PVC WATER MAIN USING ALPHA RESTRAINED COUPLING. STA: 13+62.30, 25.47'L
- 10 INSTALL 8"X8"X8" D.I. TEE WITH THRUST BLOCK AND (2) GATE VALVES (E, W). CAP NORTH LEG OF TEE TEMPORARILY TO ALLOW FOR TESTING OF NEW CEDAR STREET WATER MAIN PRIOR TO CONNECTION. STA: 13+62.30, 10.60'L
- 13 REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R5.
- 15 UPON INSTALLATION, TESTING, AND ACCEPTANCE OF NEW 8" CEDAR STREET WATER MAIN CLOSE EXISTING 6" GATE VALVE TO ALLOW FOR CUTTING THE EXISTING 6" PVC WATER MAIN AND CONNECTION TO NEW PIPE.

NOTE:

CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPPWC SD-407.



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
WATER MAIN P&P
STA. 12+00 TO STA. 14+50

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FOR CONSTRUCTION

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1"
SCALE: (11X17 ONLY)

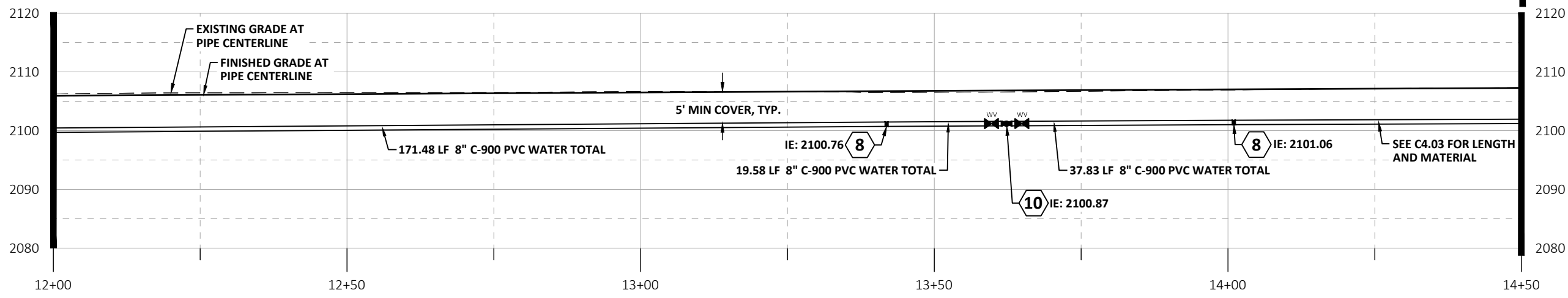
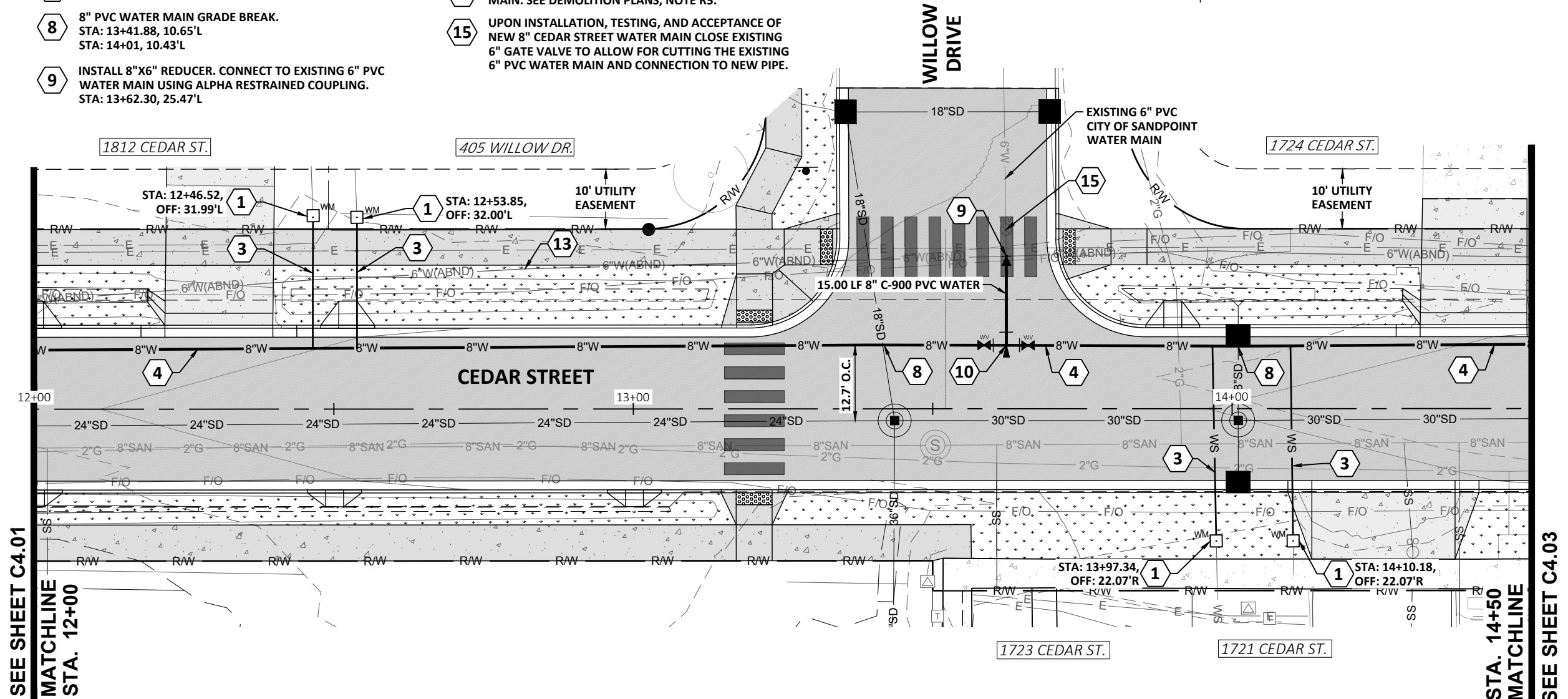
DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
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DATE: DECEMBER 2024

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NO.	DATE	BY	DESCRIPTION

C4.02

DRAWING: 93
SHEET: --- OF XX



CEDAR ST PROFILE - STA. 12+00 TO STA. 14+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:37 AM Plotted By: Destiny Hilliard
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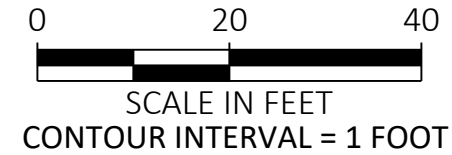


CONSTRUCTION NOTES:

- 1** REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3** INSTALL NEW WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4** INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 8** 8" PVC WATER MAIN GRADE BREAK. STA: 16+75.50, 12.13'L
- 13** REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R5.

NOTE:

CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPWC SD-407.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
WATER MAIN P&P
STA. 14+50 TO STA. 17+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

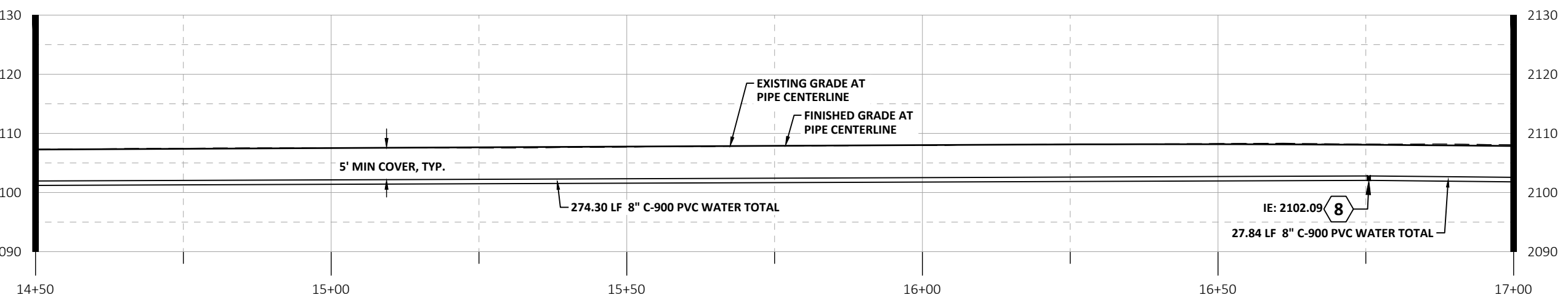
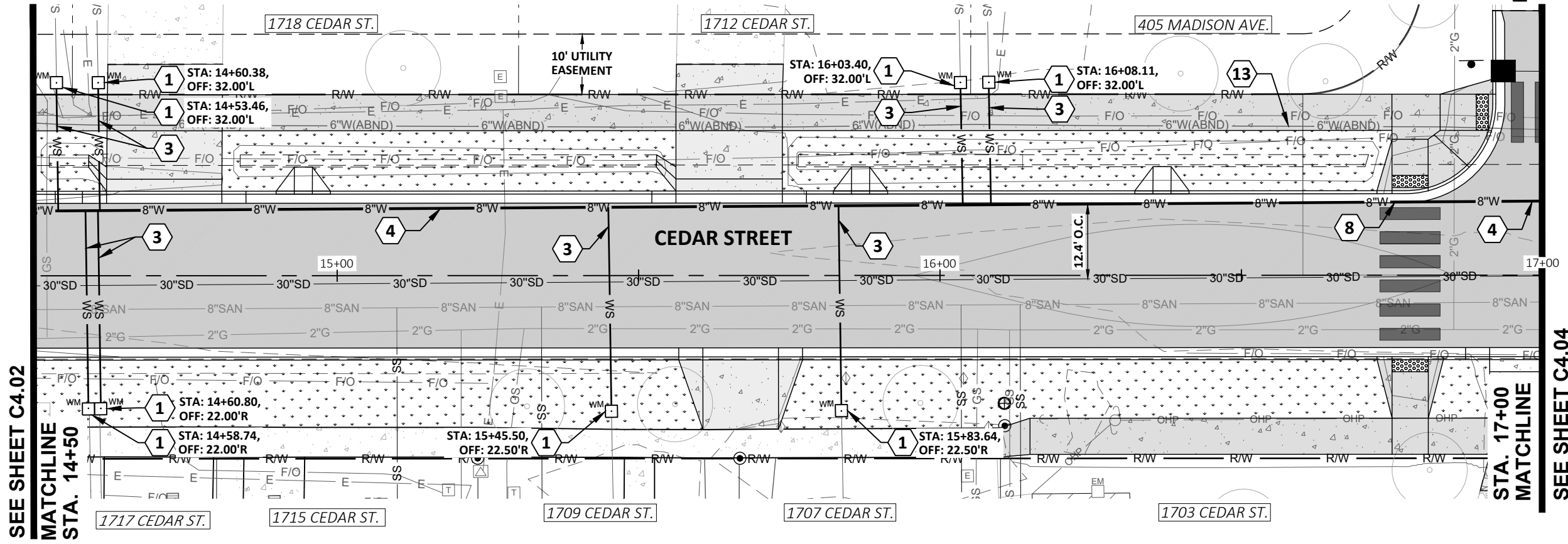
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SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
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DATE: DECEMBER 2024

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C4.03

DRAWING: 94
SHEET: --- OF XX



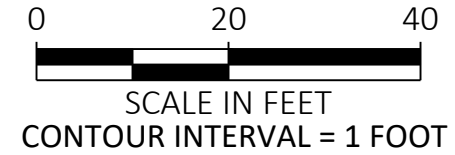
CEDAR ST PROFILE - STA. 14+50 TO STA. 17+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:38 AM Plotted By: Destiny Hilliard
Path: Z:\DOCUMENTS\PROJECTS\2024\M24005 CEDAR STREET RECONSTRUCTION\CAD\PLAN SHEETS\M24005 - WATER PPS.DWG



CONSTRUCTION NOTES:

- 1 REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3 INSTALL NEW WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4 INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 6 INSTALL FIRE HYDRANT ASSEMBLY PER ISPWC SD-404.
- 7 INSTALL 8"X8"X6" D.I. TEE WITH THRUST BLOCK STA: 17+31.46, 12.36'L
- 9 INSTALL 8"X6" REDUCER. CONNECT TO EXISTING 6" PVC WATER MAIN USING ALPHA RESTRAINED COUPLING. STA: 17+04.11, 25.03'L
- 10 INSTALL 8"X8"X8" D.I. TEE WITH THRUST BLOCK AND (2) GATE VALVES (E, W). CAP NORTH LEG OF TEE TEMPORARILY TO ALLOW FOR TESTING OF NEW 8" CEDAR STREET WATER MAIN PRIOR TO CONNECTION. STA: 17+04.19, 12.31'L
- 13 REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R5.
- 15 UPON INSTALLATION, TESTING, AND ACCEPTANCE OF NEW 8" CEDAR STREET WATER MAIN CLOSE EXISTING 6" GATE VALVE TO ALLOW FOR CUTTING THE EXISTING 6" PVC WATER MAIN AND CONNECTION TO NEW PIPE.
- 17 INSTALL 45-DEGREE FITTING. STA: 18+51.27, 11.92'L
STA: 18+53.26, 9.91'L
STA: 18+59.19, 9.90'L
STA: 18+61.19, 11.90'L



NOTE:

CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPWC SD-407.



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CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
WATER MAIN P&P
STA. 17+00 TO STA. 19+50

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PRELIMINARY
FOR CONSTRUCTION

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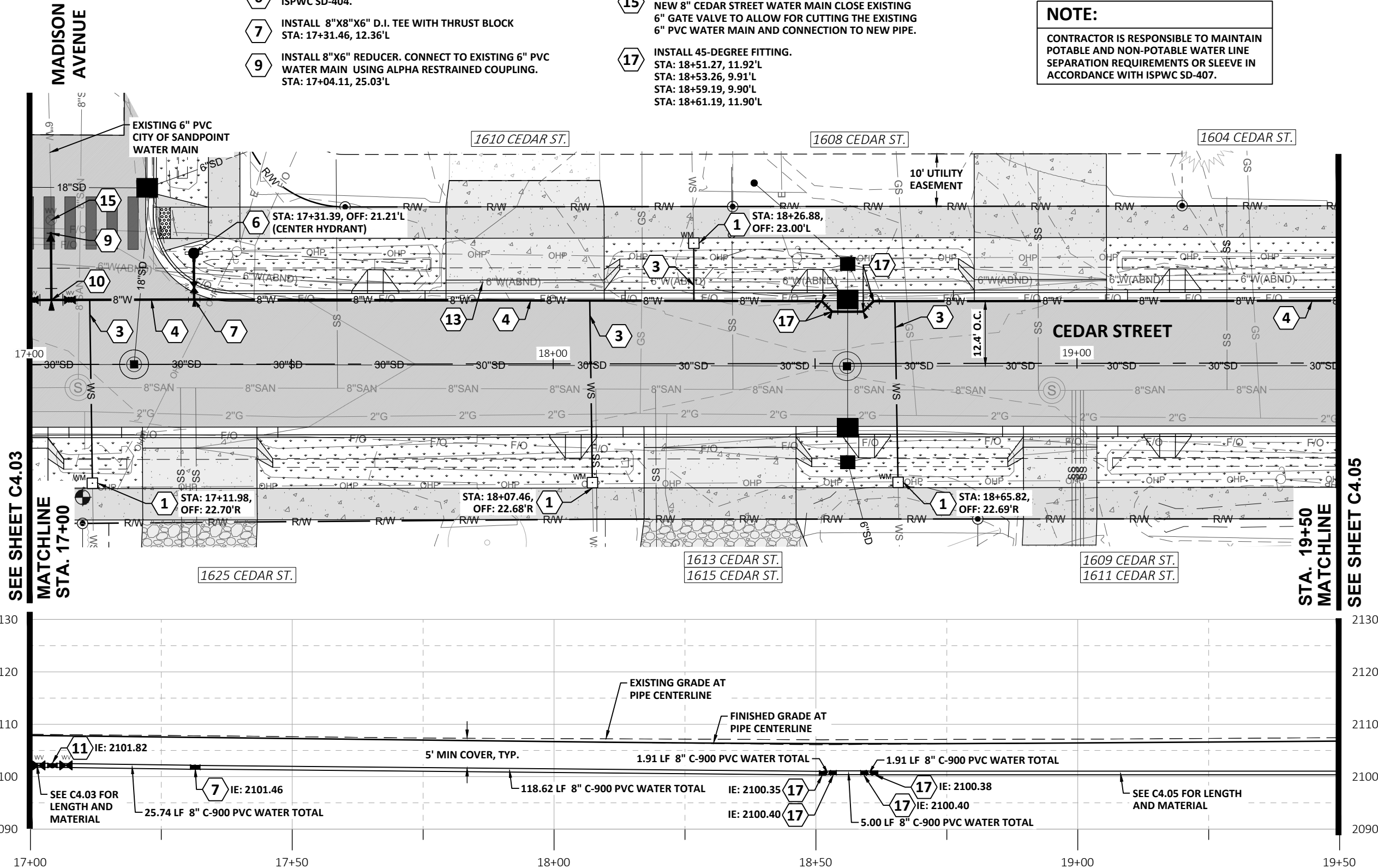
1" SCALE: (11X17 ONLY)

DWG:
PROJECT NO: M24005
DRAWN BY: DJJ
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DATE: DECEMBER 2024

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C4.04

DRAWING: 95
SHEET: --- OF XX



CEDAR ST PROFILE - STA. 17+00 TO STA. 19+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

Plot Date: 1/3/2025 9:38 AM Plotted By: Destiny Hilliard
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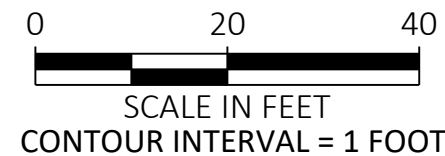


CONSTRUCTION NOTES:

- 1 REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3 INSTALL NEW WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4 INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 13 REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R5.

NOTE:

CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPWC SD-407.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID

CEDAR STREET
WATER MAIN P&P
STA. 19+50 TO STA. 22+00

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION

75% REVIEW DOCUMENTS

1"
SCALE: (11X17 ONLY)

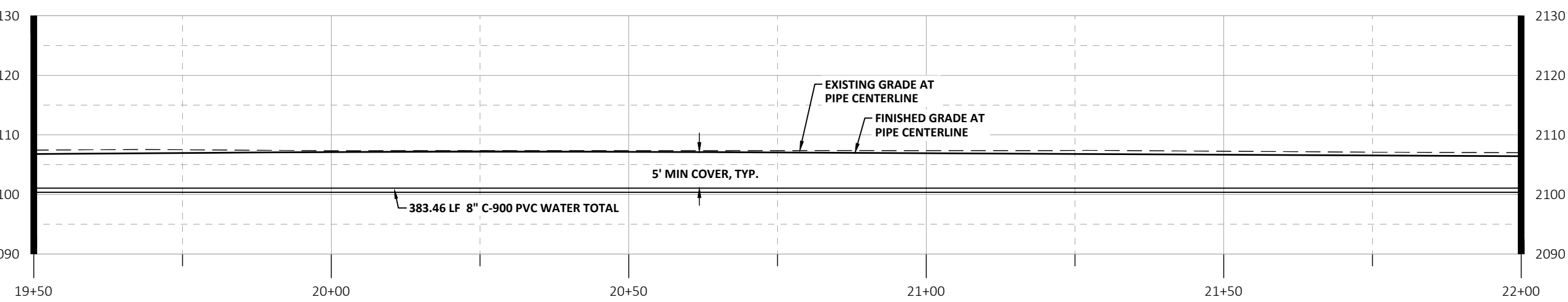
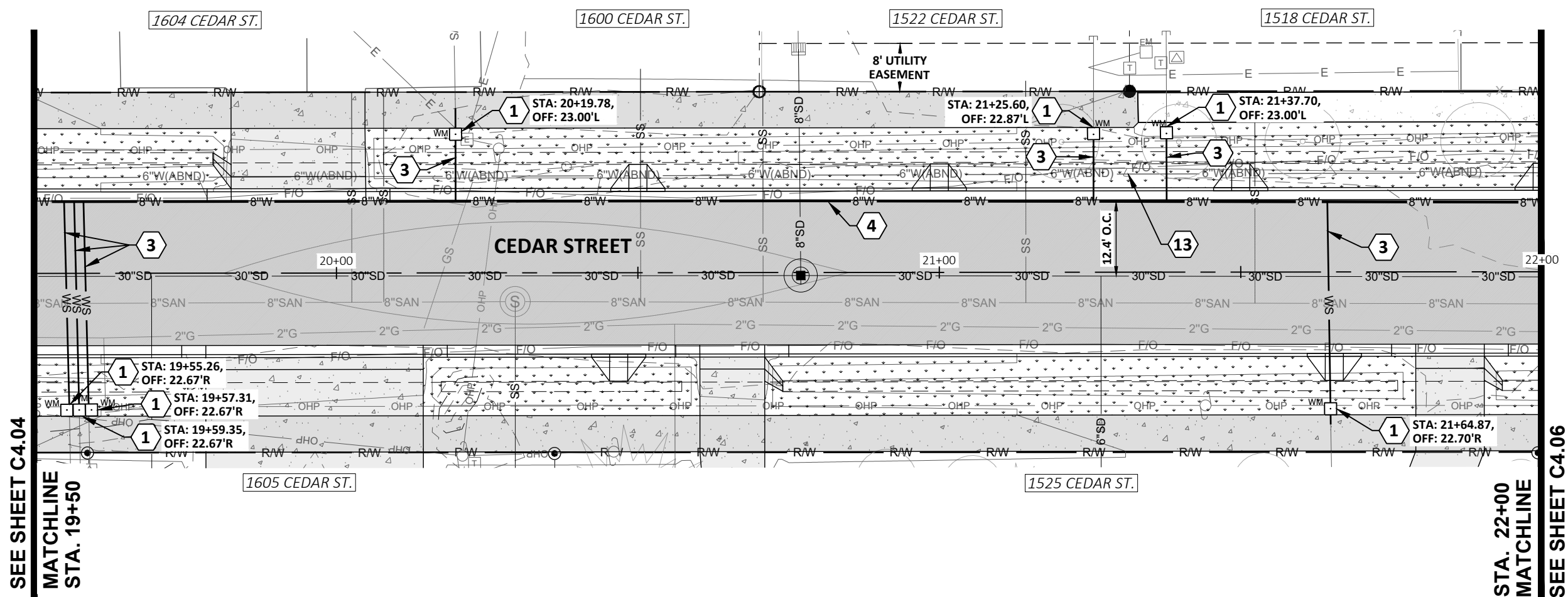
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C4.05

DRAWING: 96
SHEET: --- OF XX



CEDAR ST PROFILE - STA. 19+50 TO STA. 22+00
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

SEE SHEET C4.04
MATCHLINE
STA. 19+50

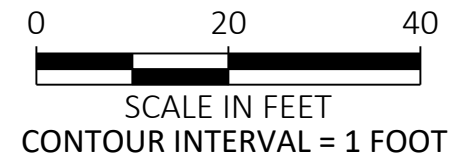
STA. 22+00
MATCHLINE
SEE SHEET C4.06



CONSTRUCTION NOTES:

- 1 REMOVE EXISTING WATER METER AND INSTALL NEW WATER METER. SEE DEMOLITION PLANS, NOTE R13.
- 3 INSTALL NEW WATER SERVICE LINE BETWEEN NEW WATER METER AND 8" WATER MAIN.
- 4 INSTALL 8" WATER MAIN (C-900). SEE PROFILE FOR LENGTH.
- 13 REMOVE OR ABANDON/SLURRY EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS. NOTE R5.
- 14 CUT AND CAP EXISTING 6" WATER MAIN. SEE DEMOLITION PLANS, NOTE R15.
- 15 CONNECT TO EXISTING 6" PVC WATER MAIN. STA. 24+26.05, 10.46'L. HOT TAP EXISTING 6" PVC WATER MAIN WITH ROMAC SST TAPPING SLEEVE. INSTALL 6" GATE VALVE AND 8"x6" REDUCER. CONTRACTOR TO VERIFY LOCATION, MATERIAL, SIZE AND DEPTH OF EXISTING WATER MAIN PRIOR TO CONSTRUCTION.
- 17 INSTALL 45-DEGREE FITTING. STA: 22+45.57, 11.41'L
STA: 22+47.59, 9.38'L
STA: 22+53.90, 9.76'L
STA: 22+55.51, 11.37'L

NOTE:
CONTRACTOR IS RESPONSIBLE TO MAINTAIN POTABLE AND NON-POTABLE WATER LINE SEPARATION REQUIREMENTS OR SLEEVE IN ACCORDANCE WITH ISPWC SD-407.



CEDAR STREET RECONSTRUCTION
CITY OF SANDPOINT, ID
CEDAR STREET
WATER MAIN P&P
STA. 22+00 TO STA. 24+50

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FOR CONSTRUCTION

75% REVIEW DOCUMENTS

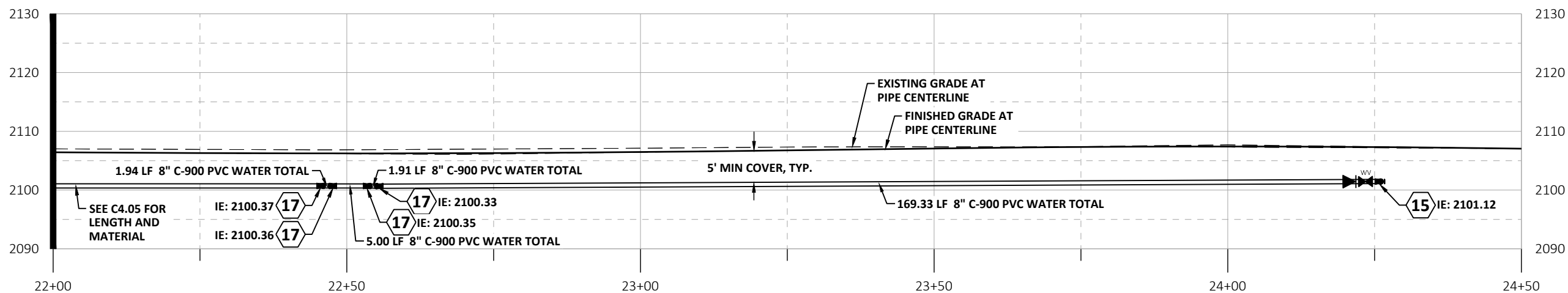
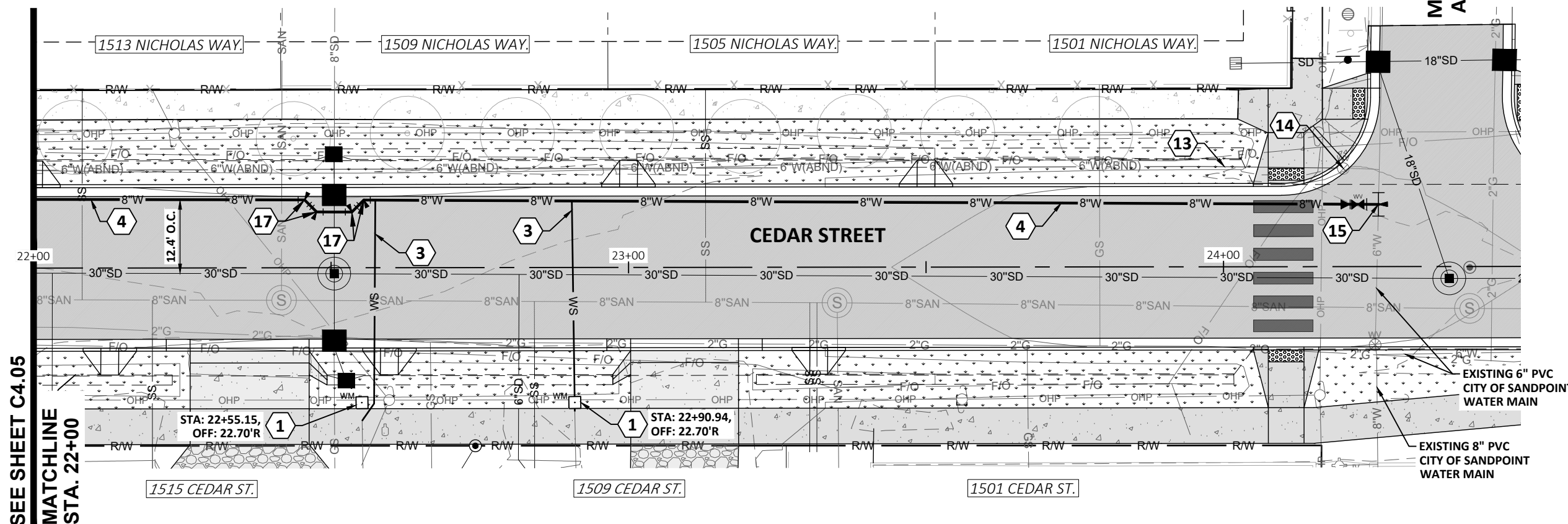
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C4.06

DRAWING: 97
SHEET: --- OF XX



CEDAR ST PROFILE - STA. 22+00 TO STA. 24+50
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

