

CITY OF SHERWOOD

FIRST STREET PARKING LOT

2017

PROJECT LOCATION:

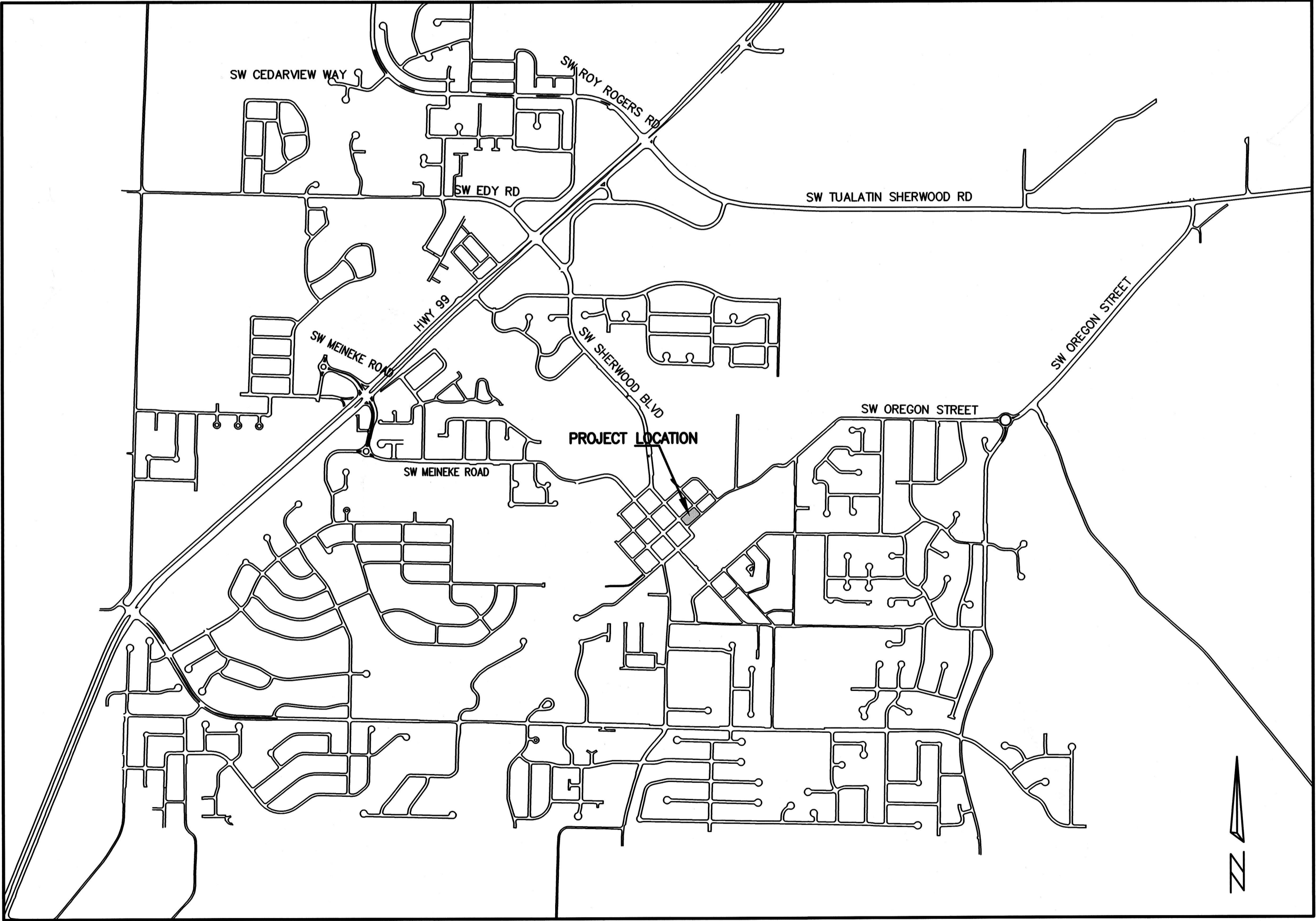
TAXLOT 2800 AND 3000 BETWEEN SW OAK ST AND PINE ST IN SHERWOOD, OREGON

PROJECT OWNER:

CITY OF SHERWOOD - ENGINEERING
 22560 SW PINE ST SHERWOOD, OREGON 97140
 CONTACT: BOB GALATI
 PH. 503-925-2303
 GALATI@SHERWOODOREGON.GOV

SHEET INDEX:

- C1. COVER SHEET
- C2. GENERAL NOTES
- C3. EROSION CONTROL/DEMOLITION PLAN
- C4. SITE PLAN
- C5. PARKING LOT GRADING
- C6. WATER SYSTEM PLAN
- C7. LIGHTING PLAN
- C8. PLANTING PLAN
- C9. PUBLIC ALLEY GRADING
- C10. PUBLIC ALLEY PROFILE
- C11. IRRIGATION PLAN
- C12. IRRIGATION DETAILS
- C13. DETAILS
- C14. DETAILS
- C15. DETAILS
- C16. DETAILS
- C17. UTILITIES



VICINITY MAP
 NOT TO SCALE

SURVEY INFORMATION:

1. VERTICAL DATUM: ELEVATIONS ARE BASED ON A 2" DIAMETER BRASS CAP MARKED "NO. 1, 1988", IN A MONUMENT BOX NEAR THE SOUTH EDGE OF PAVEMENT OF HIGHWAY 99 WEST, 300 FEET± SOUTHWEST OF SIX CORNERS, WITH AN NGVD 29 ELEVATION OF 210.10 FEET.
2. A LOCAL DATUM PLANE SCALED FROM OREGON STATE PLANE NORTH 3601 NAD83 (1991) BY HOLDING A PROJECT MEAN GROUND COMBINED SCALE FACTOR OF 1.0001057061 AT A CALCULATED CENTRAL PROJECT POINT WITH INTERNATIONAL FOOT GRID VALUES OF (N 625072.855, E 7600461.855). THE CONVERGENCE ANGLE BETWEEN GRID NORTH AND GEODETIC NORTH AT THE CALCULATED CENTRAL POINT IS -1°39'37". THE STATE PLANE COORDINATES WERE ESTABLISHED BY GPS OBSERVATIONS AND HOLDING THE NAD83 (1991) CONTROL VALUES PER WASHINGTON COUNTY HORIZONTAL CONTROL DATA SHEETS GC31-119A AND GC31-115A.

THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO UTILITY INFRASTRUCTURE IS DESIGNED TO BE WITHIN ONE (1) FOOT OF A SURVEY MONUMENT LOCATION SHOWN ON A SUBDIVISION OR PARTITION PLAT. NO DESIGN EXCEPTIONS NOR FINAL FIELD LOCATION CHANGES SHALL BE PERMITTED IF THAT CHANGE WOULD CAUSE ANY UTILITY INFRASTRUCTURE TO BE PLACED WITHIN THE PROHIBITED AREA.

ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-011-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BEFORE COMMENCING ANY EXCAVATION. CALL (503) 246-6699.

INSPECTOR INFORMATION:

CITY OF SHERWOOD: ANDY STIRLING (503) 925-2307
 CONTACT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION.

FIRST STREET PARKING LOT																				
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LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, THE CITY OF SHERWOOD, STATE OF OREGON																				
CITY OF SHERWOOD ENGINEERING DEPARTMENT 22560 SW PINE STREET SHERWOOD, OREGON 97140 PHONE: (503) 925-2309 FAX: (503) 625-0629 E-MAIL: engineering@sherwoodoregon.gov																				
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JOB NO. 202 SHEET NO. C1																				

GENERAL NOTES

1. ALL WORK AND MATERIALS INSIDE OF THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CLEAN WATER SERVICES DESIGN AND CONSTRUCTION STANDARDS R&O 07-20 AND THE CITY OF SHERWOOD CONSTRUCTION STANDARDS MANUAL, LATEST VERSION.
2. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES BEFORE STARTING CONSTRUCTION. A COPY OF THE REQUIRED PERMITS AND ATTACHMENTS SHALL BE AT THE WORK SITE AND AVAILABLE DURING CONSTRUCTION.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND ARRANGE FOR THE RELOCATION OF ANY IN CONFLICT WITH THE PROPOSED CONSTRUCTION. THE LOCATIONS, DEPTHS, AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN WERE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. ADDITIONAL UTILITIES MAY EXIST WITHIN THE WORK AREA.
4. OREGON LAW REQUIRES THAT THE RULES ADOPTED BY OREGON UTILITY NOTIFICATION CENTER BE FOLLOWED. THOSE RULES ARE SET FORTH IN OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER OR ACCESSING VIA INTERNET AT WWW.STATE.OR.US/GOVERNMENT. CALL BEFORE YOU DIG - PORTLAND METRO AREA 503-246-6699.
5. THE CONTRACTOR SHALL MAKE PROVISIONS TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED UTILITIES USING MATERIALS AND METHODS APPROVED BY THE UTILITY OWNER. NO SERVICE INTERRUPTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN AGREEMENT WITH THE UTILITY PROVIDER.
6. ALL WATER LINE CROSSINGS SHALL BE IN CONFORMANCE WITH OAR CHAPTER 333, CITY OF SHERWOOD STANDARDS AND THE OREGON STATE HEALTH DIVISION.
7. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, AND THE CITY OF SHERWOOD 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS, EXCEPT FOR NORMAL RESUMPTION OF WORK FOLLOWING SATURDAYS, SUNDAYS, OR HOLIDAYS.
8. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES.
9. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS, AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS, APPLICABLE AGENCY REQUIREMENTS, AND OTHER WORK AS NECESSARY TO PROVIDE A COMPLETE PROJECT.
10. THE CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT LIMITED TO, GRADING, DITCHING, HAY BALES, SILT FENCING, AND SEDIMENT BARRIERS TO MINIMIZE EROSION AND IMPACT TO ADJACENT PROPERTY. SEE EROSION AND SEDIMENT CONTROL NOTES AND PLAN.
11. OPEN TRENCHES SHALL BE STRICTLY LIMITED TO A MAXIMUM OF 300 LINEAR FEET WITHIN STREET RIGHT-OF-WAYS UNLESS LIMITED TO A LESSER AMOUNT BY PERMIT. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES SHALL BE COVERED WITH STEEL PLATES OR FILLED IN AT NIGHT. FLASHING AND REFLECTORIZED BARRICADES SHALL BE IN ACCORDANCE WITH MUTCD REQUIREMENTS.
12. ANY AREA OF CUT OR DAMAGED ASPHALT SHALL BE RESTORED IN ACCORDANCE WITH THE SHERWOOD STANDARD DRAWINGS.
13. THE CONTRACTOR SHALL REPLACE ANY LANDSCAPE VEGETATION OR FENCES THAT ARE DESTROYED. ANY DAMAGE THAT IS NOT FULLY RECOVERED WITHIN 30 DAYS (WEATHER PERMITTED) SHALL BE REPLACED BY THE CITY AT THE EXPENSE OF THE CONTRACTOR.

ADDITIONAL NOTES

1. ANY INSPECTION BY THE CITY, COUNTY, STATE, OR FEDERAL AGENCIES OR THE PROJECT ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CITY STANDARDS, AND PROJECT CONTRACT DOCUMENTS.
2. THE PROJECT ENGINEER RESERVES THE RIGHT TO ADJUST GRADES OR ALIGNMENT TO ACCOMMODATE OTHER UTILITIES AS REQUIRED; SUCH ADJUSTMENTS OR REVISIONS SHALL BE REVIEWED AND APPROVED BY THE CITY OF SHERWOOD PRIOR TO COMMENCEMENT OF WORK.
3. SAW CUT STRAIGHT MATCH LINES WHERE EXISTING PAVEMENT MEETS NEW PAVEMENT. SAND AND SEAL JOINT.
4. PROPERTY AND RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE. THIS MAP IS NOT MEANT TO SERVE BOUNDARY SURVEY PURPOSES.
5. THE CONTRACTOR IS TO NOTIFY PRIVATE UTILITIES FOR RELOCATION OF POWER POLES, VAULTS, ETC.
6. THE CONTRACTOR IS TO COORDINATE WITH UTILITY COMPANIES FOR POWER, TELEPHONE, CABLE, TV, AND GAS. POWER, TELEPHONE, CABLE, AND TV TRENCHING AND CONDUITS TO BE INSTALLED PER UTILITY COMPANY REQUIREMENTS WITH PULL WIRE. VERIFY WITH UTILITY COMPANY FOR SIZE AND TYPE OF CONDUIT PRIOR TO CONSTRUCTION.
7. EXISTING BURIED UTILITIES, WHICH ARE TO BE ABANDONED, SHOULD BE REMOVED UNLESS NOTED ON THE APPROVED PLANS.
8. THE PERMIT OR APPROVAL GRANTED HEREBY, OR ANY INSPECTIONS CONDUCTED ON THE SITE HEREAFTER, SHALL NOT BE CONSTRUED AS AUTHORIZING ANY ACTIVITY IN VIOLATION OF ANY APPLICABLE FEDERAL OR STATE LAW OR REGULATION, INCLUDING BUT NOT LIMITED TO THE FEDERAL ENDANGERED SPECIES ACT AND ITS REGULATIONS.

STORM DRAIN NOTES:

1. TRENCH EXCAVATION SHALL CONFORM TO A.P.W.A., DIVISION III, SECTION 301.1.01, AND SHALL BE CLASSIFIED AS EITHER ROCK OR COMMON EXCAVATION. ALL EXCESS MATERIAL FROM THE TRENCH EXCAVATION SHALL BE DISPOSED OF ON AN APPROVED SITE.
2. ON SITE STORM PIPE SHALL BE SMOOTH HIGH DENSITY POLYETHYLENE PIPE CONFORMING TO ASTM D1248 WITH WATERTIGHT GASKETS UNLESS OTHERWISE NOTED.
3. ALL PIPE BEDDING AND TRENCH BACKFILL WITHIN PAVED AREAS OR ODOT RIGHT-OF-WAY SHALL BE CLASS B, PER ODOT AND CITY OF SHERWOOD STANDARDS.
4. PIPE BEDDING, PIPE ZONE, AND BACKFILL OUTSIDE OF THE PUBLIC RIGHT-OF-WAY SHALL BE CRUSHED ROCK AGGREGATE (3/4"-0") COMPACTED TO 95% OF MAXIMUM DENSITY PER AASHTO T-180.
5. SUBSEQUENT SETTLEMENT OF THE FINISHED SURFACE WITHIN THE WARRANTY PERIOD SHALL BE CONSIDERED TO BE A RESULT OF IMPROPER COMPACTION AND SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

WATER NOTES:

1. ALL PRIVATE WATER SERVICES SHALL BE TYPE "K" COPPER.
2. ALL PIPE SHALL HAVE 36" MINIMUM COVER MEASURED FROM FINISH GRADE.
3. IRRIGATION SERVICE SHALL HAVE A STATE APPROVED DOUBLE CHECK VALVE ASSEMBLY INSTALLED PER CITY OF SHERWOOD AND OREGON PLUMBING CODE STANDARDS.
4. VALVE OPERATION: NO VALVES SHALL BE OPENED OR CLOSED WITHOUT CITY OF SHERWOOD WATER PERSONNEL ON SITE TO OPERATE THEM.
5. UPON COMPLETION OF THE INSTALLATION OF THE WATER SYSTEM, ALL LINES SHALL BE FLUSHED AND DISINFECTED IN CONFORMANCE WITH HEALTH DIVISION GUIDELINES AND CITY OF SHERWOOD REQUIREMENTS. THE CONTRACTOR SHALL TEST THE LINES PER CITY OF SHERWOOD REQUIREMENTS.

GENERAL NOTES

FIRST STREET PARKING LOT

LOCATED IN SECTION 32B, T2S, R1W, W1M, IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

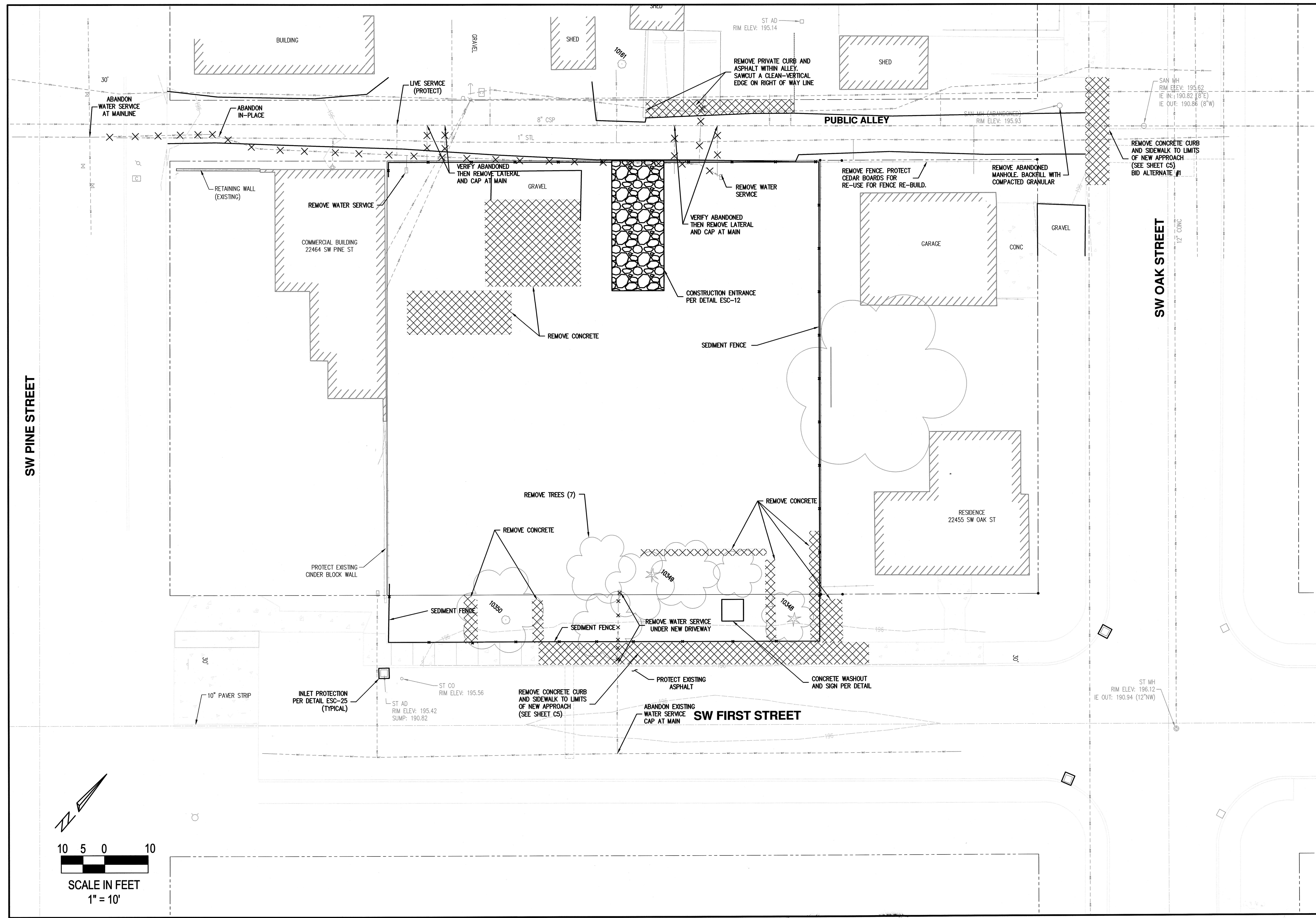
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



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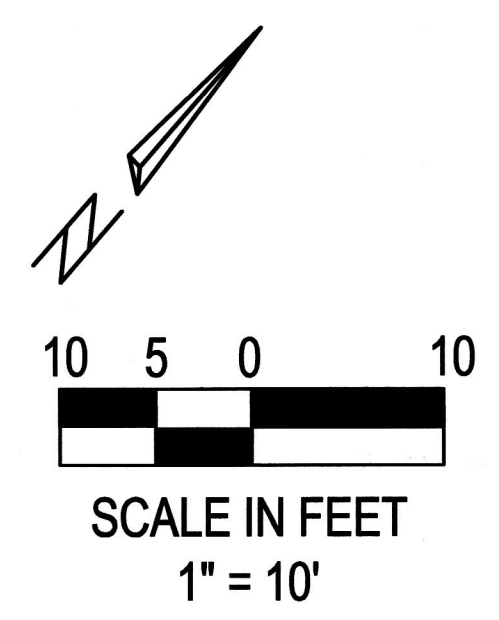
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SHEET NO. **C2**



SW PINE STREET

SW OAK STREET

SW FIRST STREET

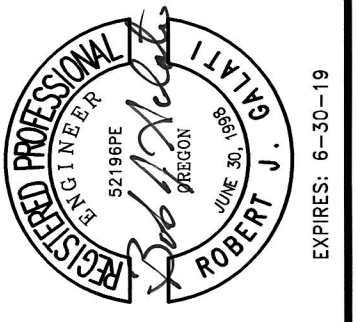


EROSION CONTROL AND DEMOLITION PLAN

FIRST STREET PARKING LOT

LOCATED IN SECTION 32B, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON.

CITY OF SHERWOOD
 ENGINEERING DEPARTMENT
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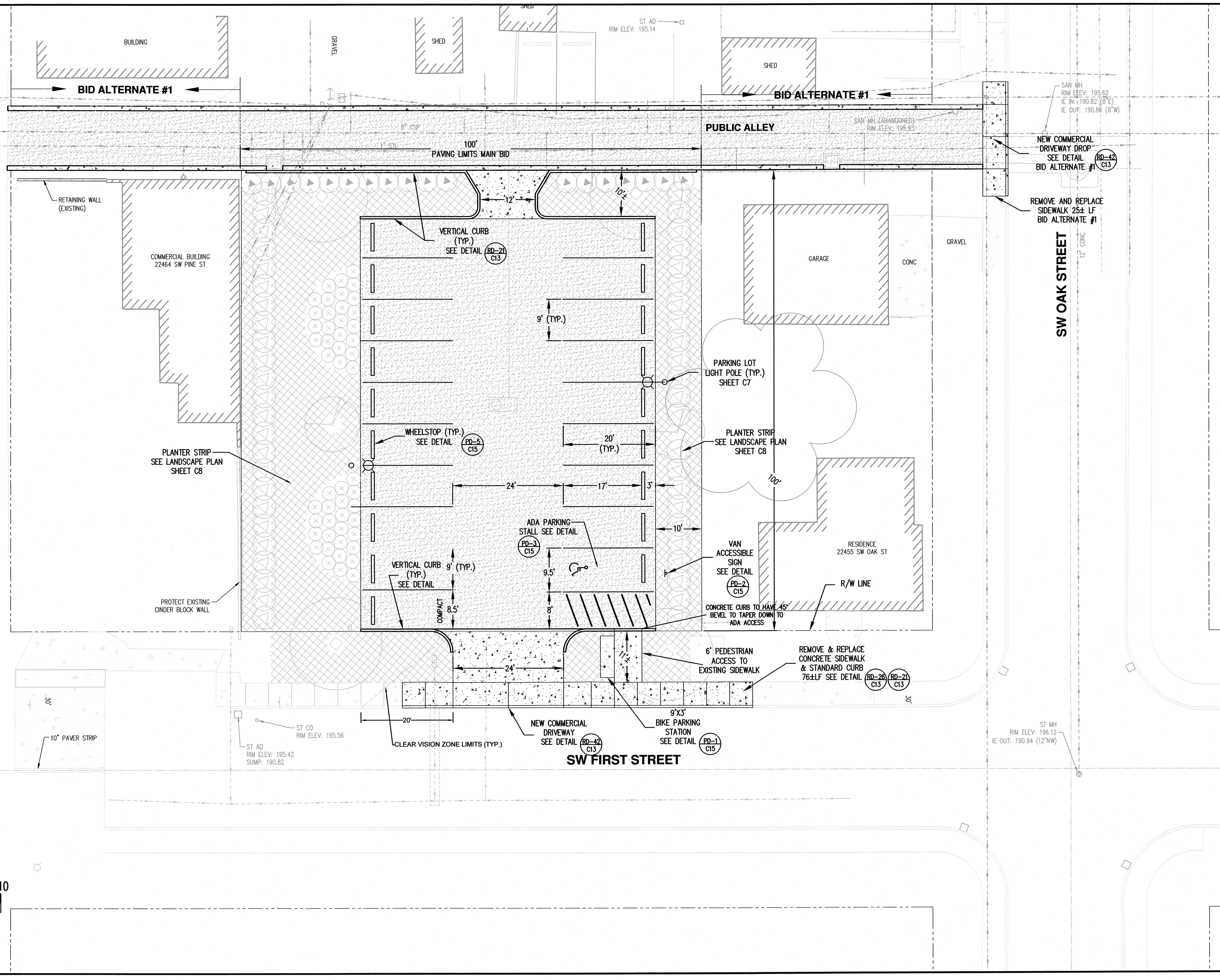
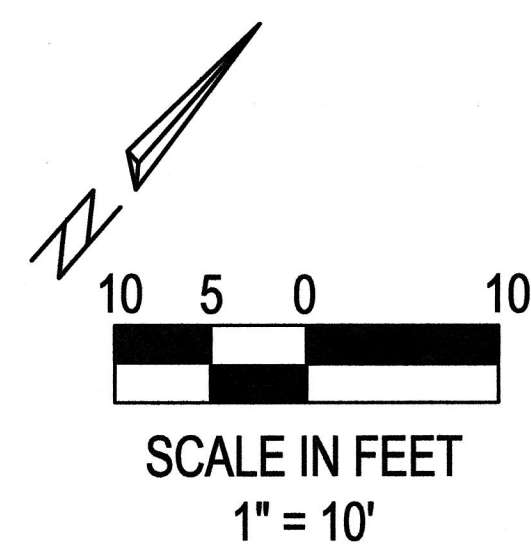


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JOB NO.	202
SHEET NO.	C3

SW PINE STREET



SITE PLAN

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W,
W.M. IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY,
STATE OF OREGON

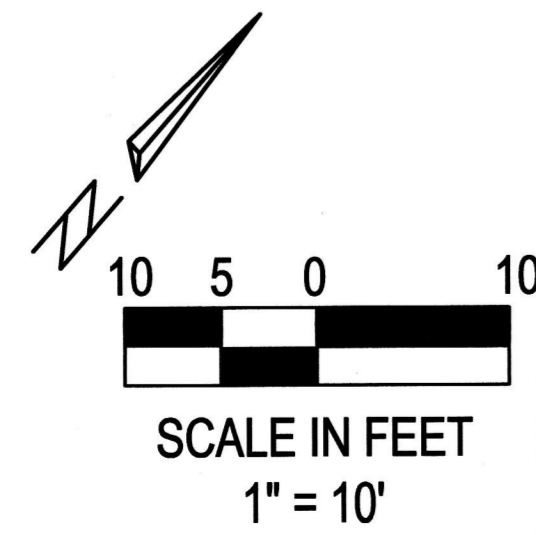
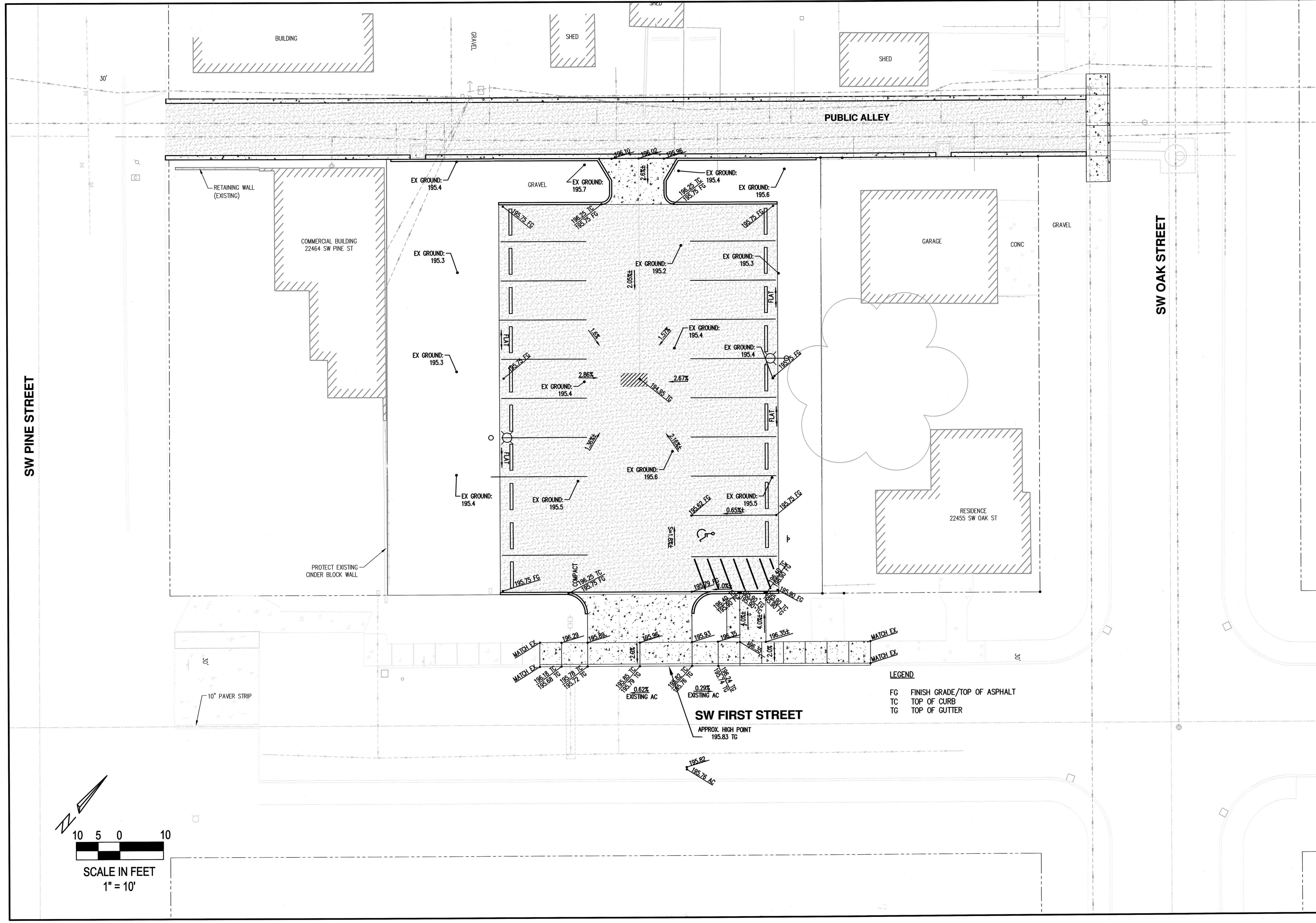
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22460 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
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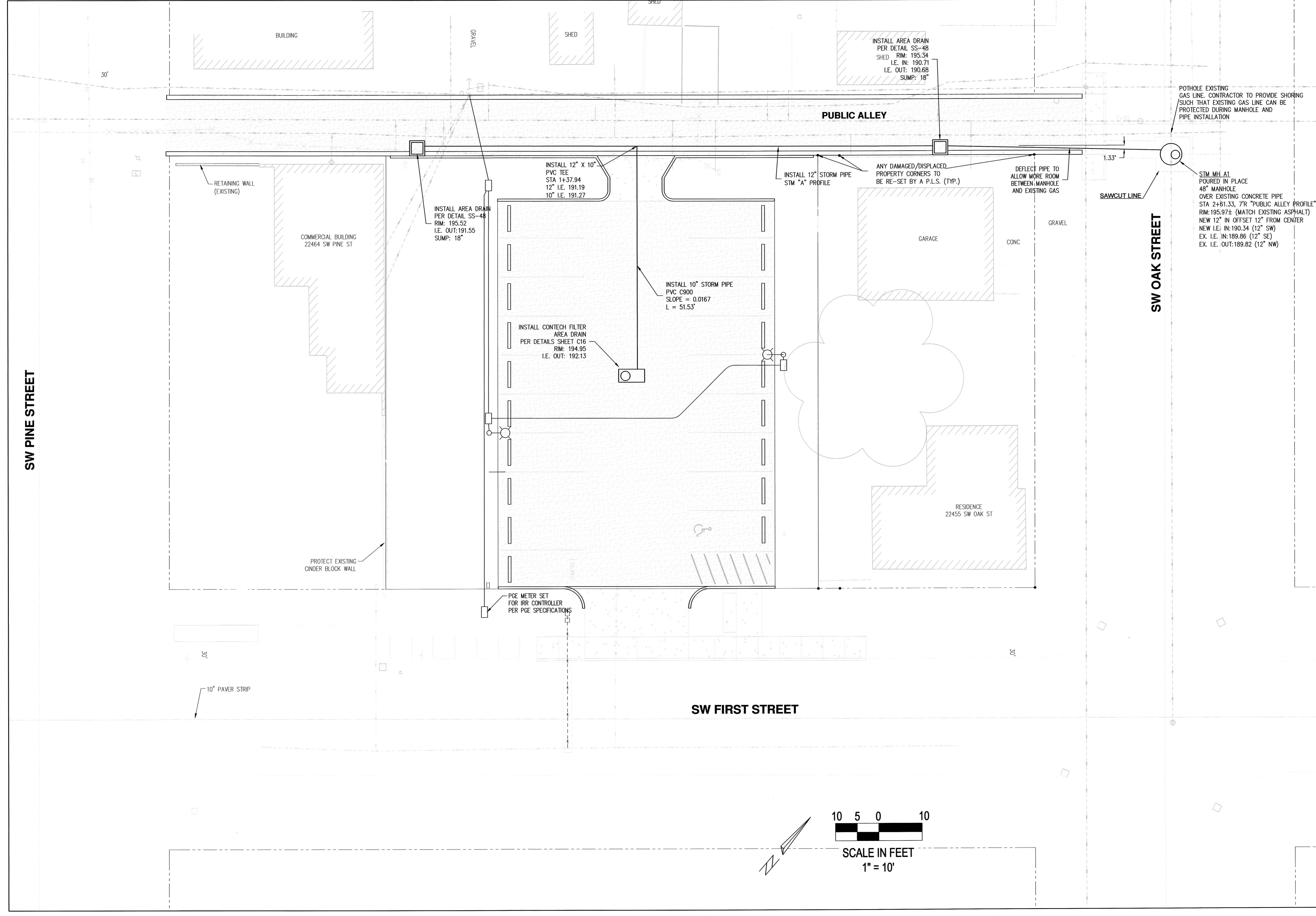
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LEGEND
 FG FINISH GRADE/TOP OF ASPHALT
 TC TOP OF CURB
 TG TOP OF GUTTER

SW FIRST STREET
 APPROX. HIGH POINT
 195.83 TG

PARKING LOT GRADING									
FIRST STREET PARKING LOT									
LOCATED IN SECTION 308A, T2S, R1W, W.M. THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON									
CITY OF SHERWOOD ENGINEERING DEPARTMENT SHERWOOD, OREGON 97140 PHONE: (503) 925-2309 FAX: (503) 625-0629 E-MAIL: engineering@sherwoodoregon.gov									
									
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STORM WATER PLAN

FIRST STREET PARKING LOT

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 W.M. IN THE CITY OF SHERWOOD,
 WASHINGTON COUNTY,
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 E-MAIL: engineering@sherwoodoregon.gov

REGISTERED PROFESSIONAL ENGINEER
 STATE OF OREGON
 52198PE
 ROBERT J. J.
 EXPIRES: 8-30-19

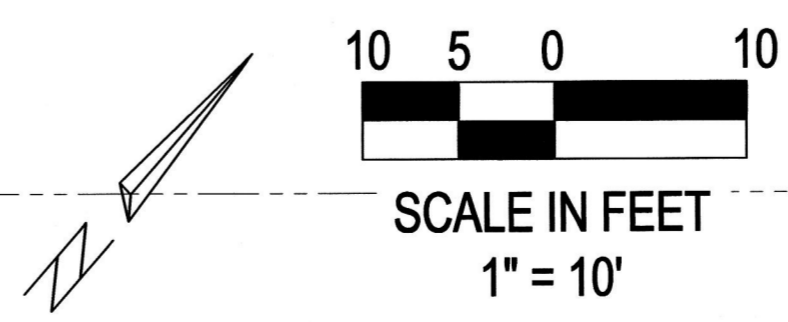
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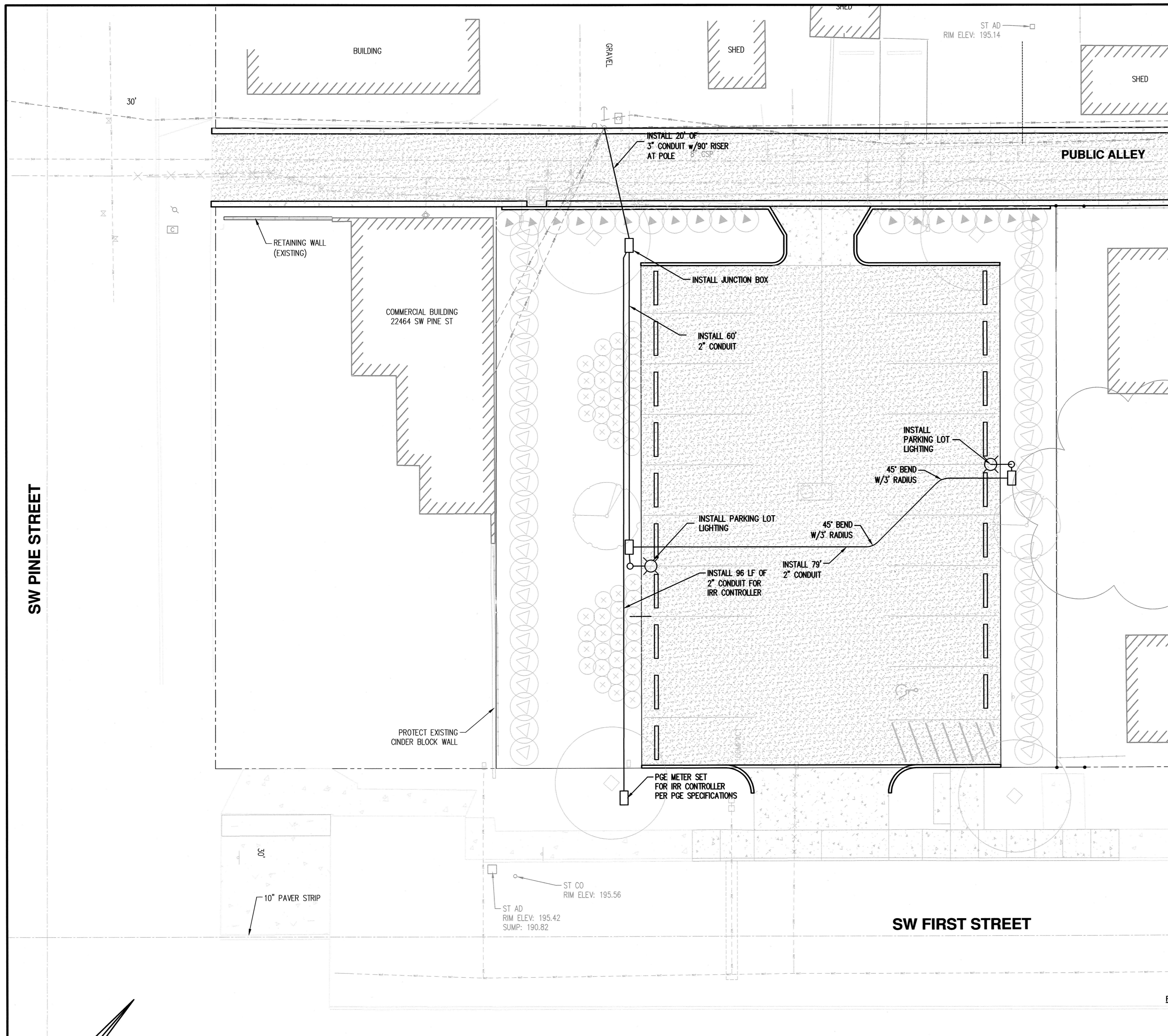
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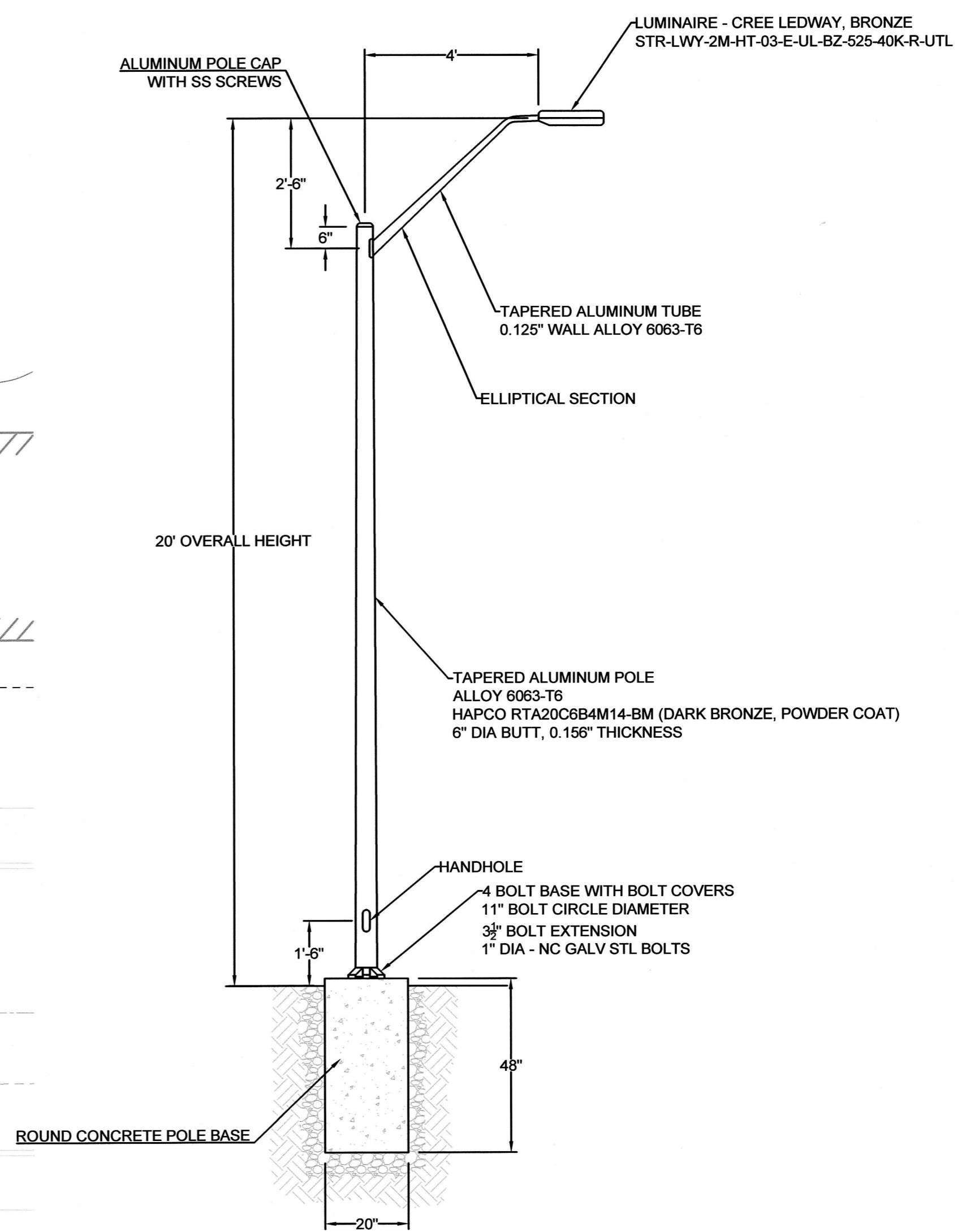
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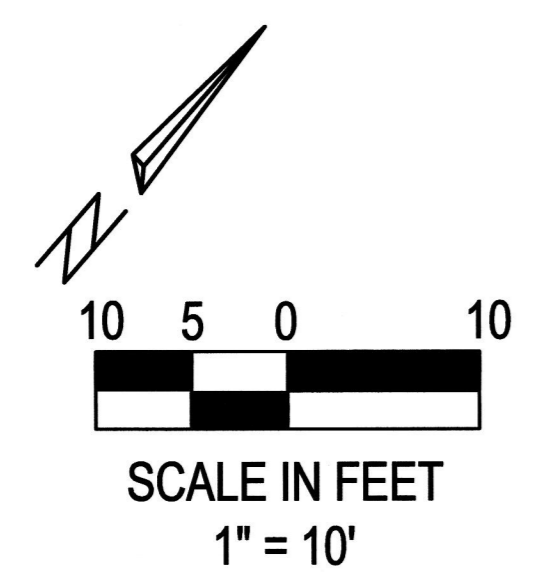




- LIGHTING NOTES:**
1. LIGHT POLES TO BE BRONZE, 20 FT. (17.5' MH), 4-BOLT BASE, ALUMINUM POLES. LAMP TO BE 53 WATT LED CREE ROADWAY LUMINAIRE. MAST ARM TO BE 4' BRONZE FINISH, TENON-MOUNT.
 2. INSTALL #10 AWG WIRE, 600 VOLT, 3-CONDUCTOR, CLASS B STRANDING, TYPE TC, WITH SUNLIGHT RESISTANT 45-MIL PVC JACKET OR APPROVED BY PGE, IN 2" SCH 40 PVC CONDUIT TO JUNCTION BOX. LIGHTING JUNCTION BOX SHALL BE I324 PER PGE REQUIREMENTS, NO FLOOR. RUN WIRE IN 1" SCH 40 PVC CONDUIT FROM JUNCTION BOX TO LIGHT POLE
 3. CALL JOSE GRAJEDA, PGE, AT 503-672-5602 PRIOR TO ANY LIGHTING WORK.
 4. ALL LIGHTING COMPONENTS AND INSTALLATION SHALL MEET PGE SPECIFICATIONS.



LIGHT POLE DETAIL
NTS



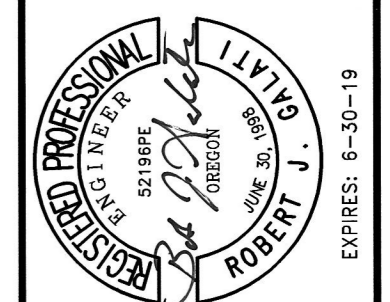
LIGHTING

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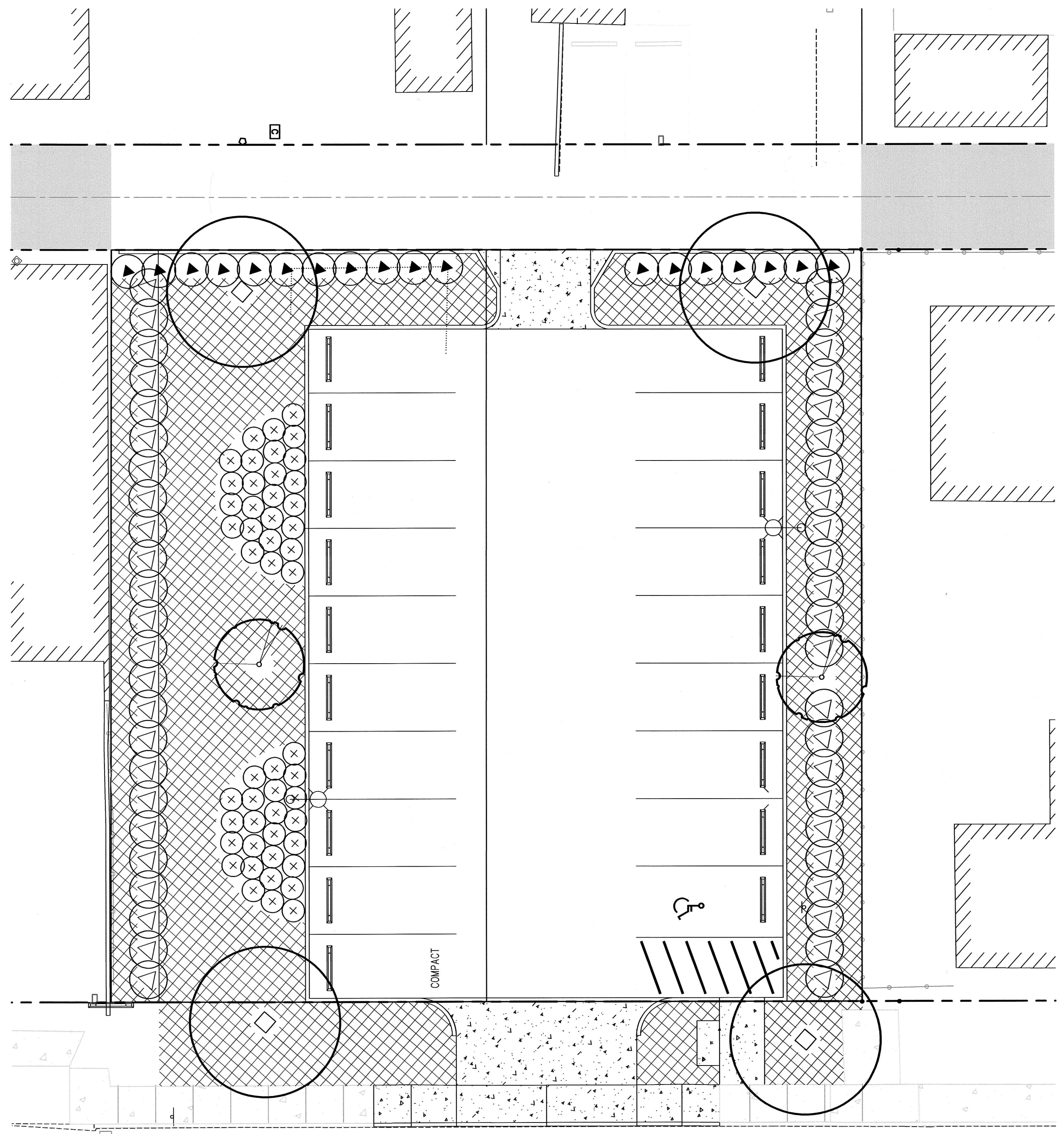


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JOB NO. **202**

SHEET NO. **C7**

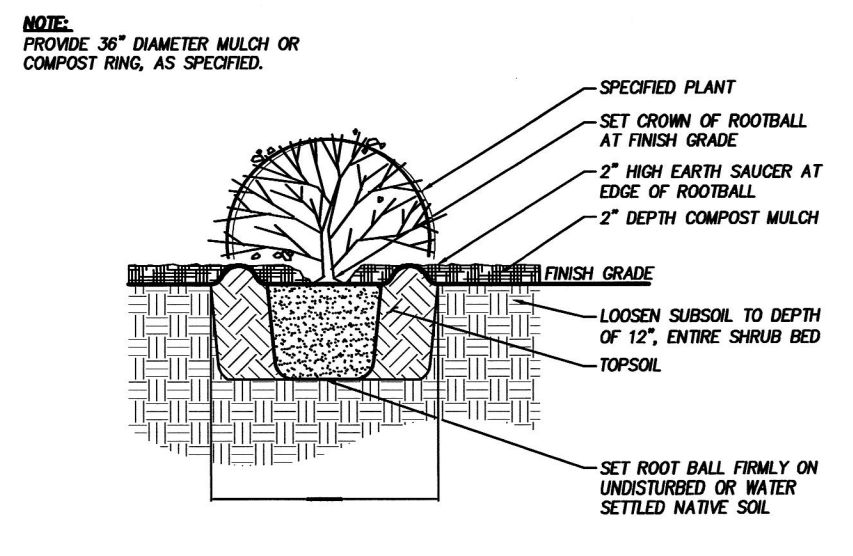
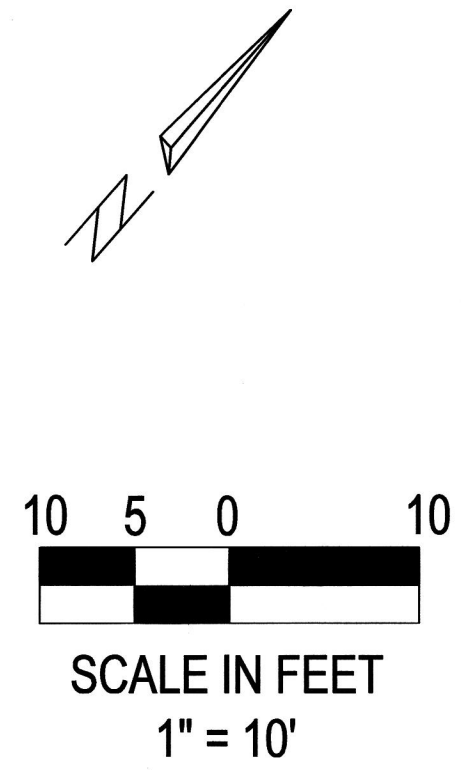


PLANT SCHEDULE

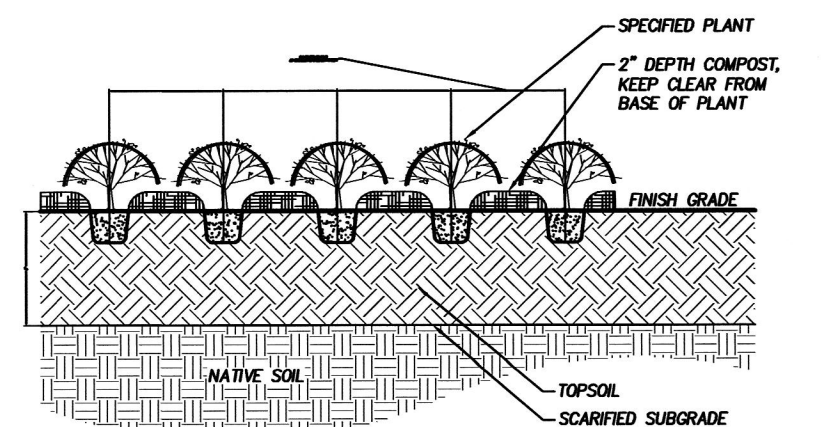
TREES		1
SHRUBS		4
2	<i>Cornus kousa</i> x <i>nuttallii</i> 'KM4-43' - Starlight Dogwood 2" CAL. B&B, WELL BRANCHED	1 CB
4	<i>Ginkgo biloba</i> 'Princeton Sentry' - Princeton Sentry Ginko 2" CAL. B&B, FULLY BRANCHED	
47	<i>Thuja occidentalis</i> 'Brandon' - Brandon's Arborvitae 1 GAL. CONT., FULL PLANTS, SPACING AS SHOWN	4 CB
18	<i>Mahonia nervosa</i> - Dwarf Oregon Grape 1 GAL. CONT., FULL PLANTS, SPACING AS SHOWN	
50	<i>Rosa gymnocarpa</i> - Baldwin Rose 1 GAL. CONT., FULL PLANTS, SPACING AS SHOWN	
GROUND COVER		3 2
435	<i>Arctostaphylos uva-ursi</i> - Bearberry 1 GAL. CONT., FULL PLANTS, 36" O.C.	CB CB

GENERAL PLANTING NOTES

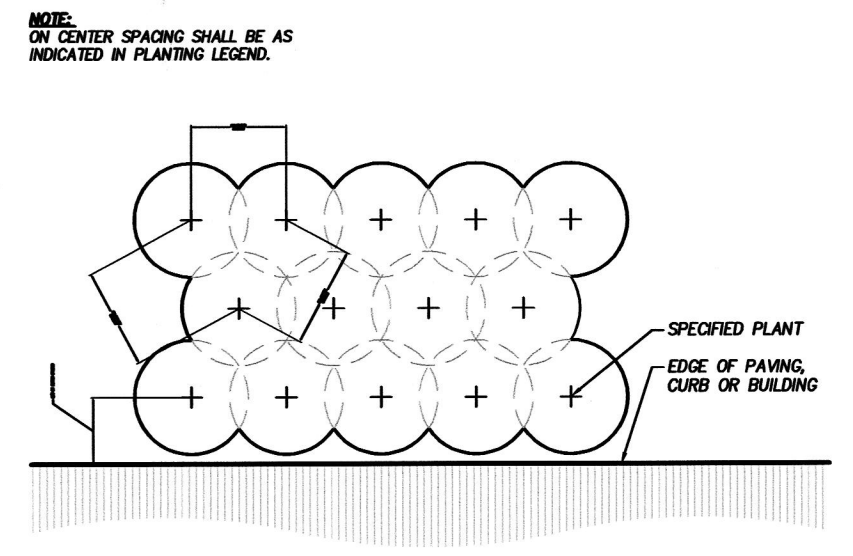
- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT CITY OF SHERWOOD STANDARDS AND THE STATE OF OREGON BUILDING AND SPECIALITY CODES.
- INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH CITY OF SHERWOOD STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
- MARK AND PROTECT ALL UTILITIES, SITE FEATURES, AND VEGETATION TO REMAIN IN PLACE.
- PRIOR TO PLANTING, ON-SITE AND IMPORTED TOPSOIL SHALL BE TESTED FOR SOIL FERTILITY BY A CERTIFIED TESTING LAB. IF NECESSARY, TOPSOIL FOR TREE PITS, SHRUB PITS, AND GROUND COVER BEDS SHALL BE AMENDED AS RECOMMENDED BY THE SOIL FERTILITY REPORT.
- LANDSCAPE INSTALLATION SHALL INCLUDE PROVISION OF AN AUTOMATIC IRRIGATION SYSTEM TO SUSTAIN LANDSCAPE PLANTINGS, MEETING LOCAL AND STATE BUILDING CODES.
- PLANT MATERIAL INSTALLED SHALL CONFORM IN SIZE AND GRADE TO THE "AMERICAN STANDARD FOR NURSERY STOCK" CURRENT EDITION.
- LANDSCAPE CONTRACTOR SHALL WATER PLANTINGS FOR THE DURATION OF ONE-YEAR WARRANTY PERIOD AFTER INSTALLATION AND GUARANTEE ALL PLANTINGS TO BE ALIVE AND IN SATISFACTORY HEALTH.
- PLANTS SHALL BE INSPECTED AND APPROVED ON-SITE (BY OWNER OR OWNER'S REPRESENTATIVE) PRIOR TO PLANTING.



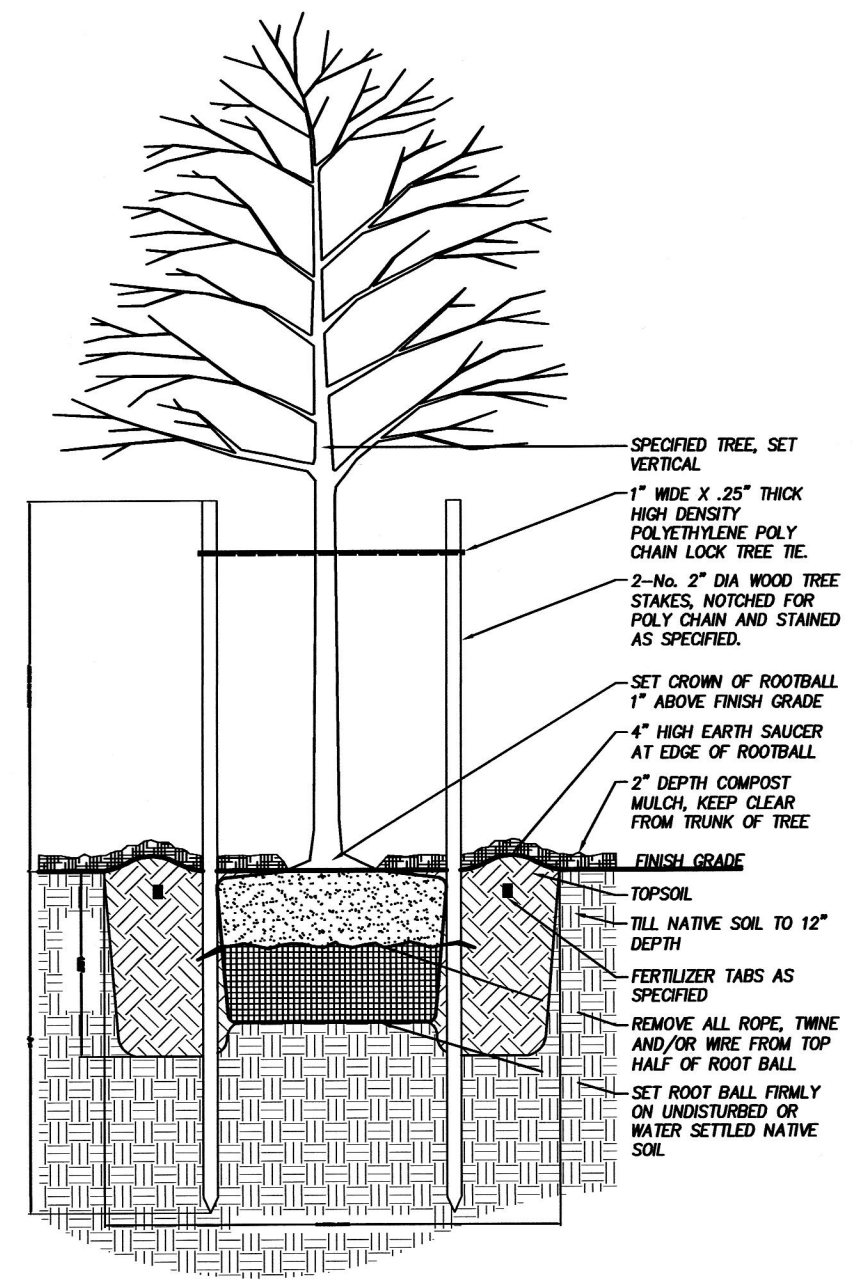
4 SHRUB PLANTING
Section
NOT TO SCALE



3 GROUND COVER PLANTING
Section
NOT TO SCALE



2 TRIANGULAR SPACING
Section
NOT TO SCALE



1 DECIDUOUS TREE PLANTING
Section
NOT TO SCALE

PLANTING PLAN

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W,
W.M. IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY,
STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 925-0629
E-MAIL: engineering@cityofsherwood.gov

REGISTERED ARCHITECT
788
Daniel K. Chin
OREGON
LANDSCAPE ARCHITECT

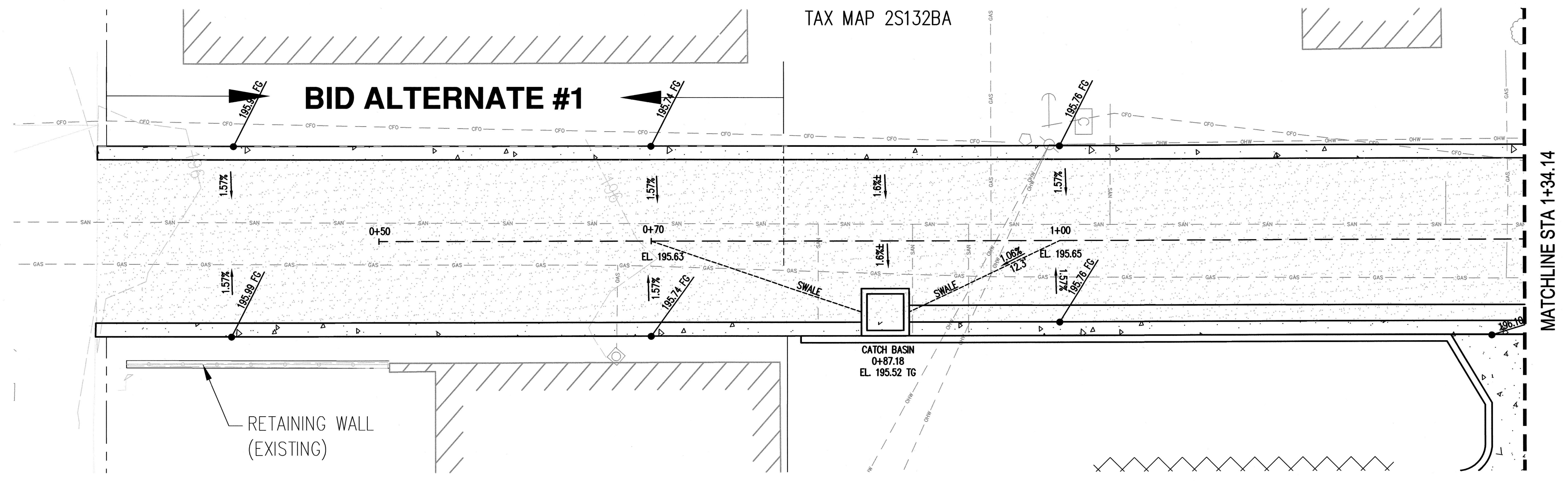
DESIGNED BY:	DKC
DRAWN BY:	DKC
CHECKED BY:	DKC
FULL SIZE SCALE:	1"=10'
DATE:	MAR 08, 2017

sheet: B089.dwg

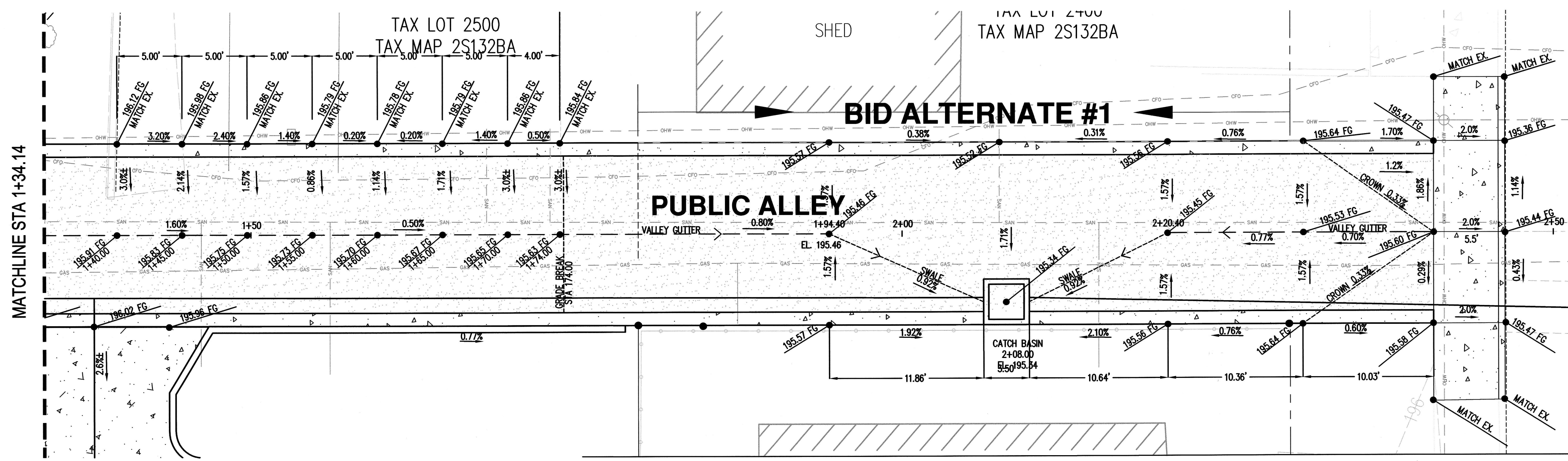
REVISIONS	

JOB NO. N/A

SHEET NO. C8



SCALE IN FEET
1" = 5'



SCALE IN FEET
1" = 5'

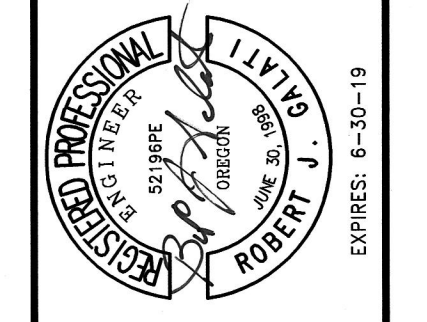
LEGEND
FG FINISH GRADE
TG TOP OF GRATE

PUBLIC ALLEY GRADING

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA T2S R1W,
W.M. IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY,
STATE OF OREGON

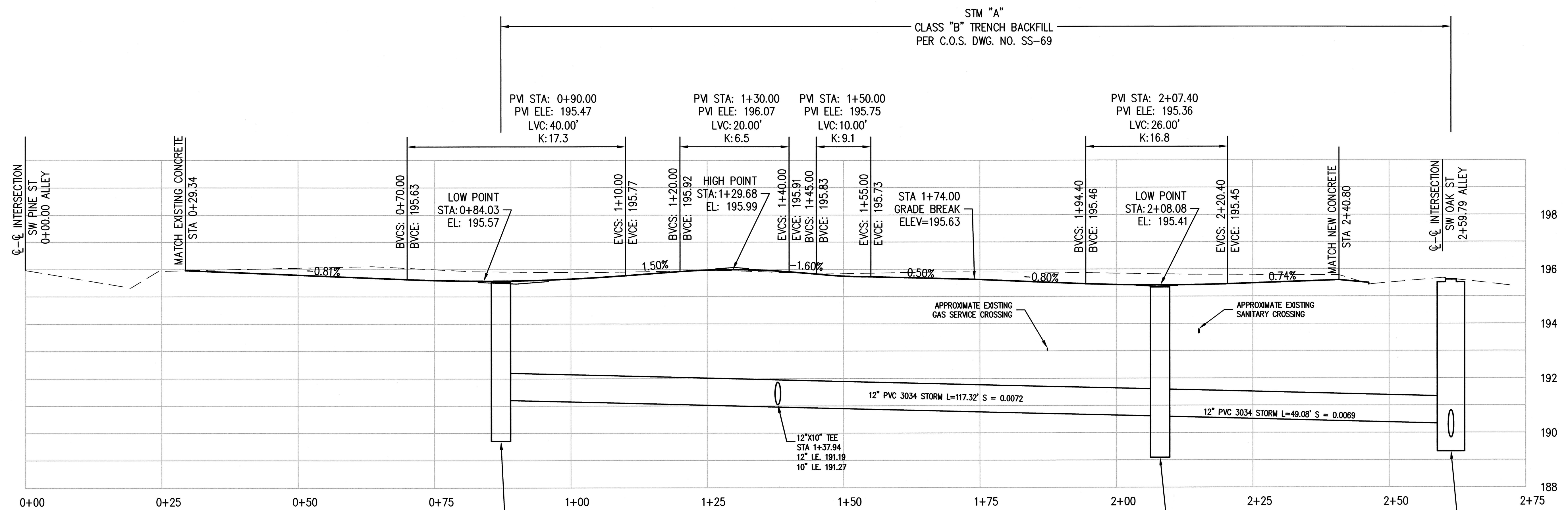
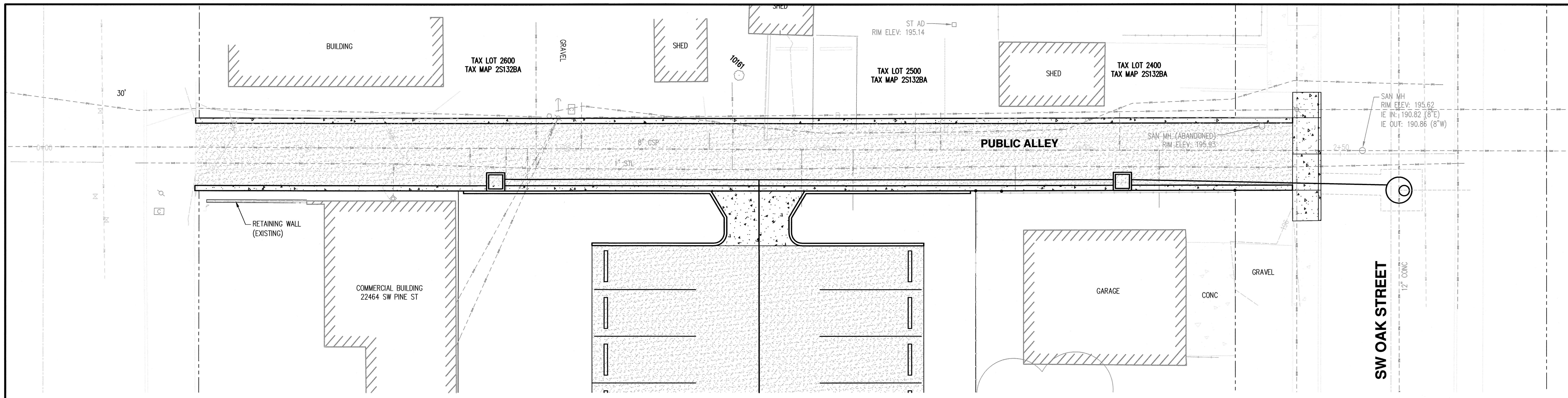
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22650 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	AGS
DRAWN BY:	AGS
CHECKED BY:	RUG
FULL SIZE SCALE:	1"=10'
DATE:	OCTOBER 27, 2017
sheets_8088.dwg	

REVISIONS	

JOB NO.	202
SHEET NO.	C9



PUBLIC ALLEY CENTERLINE

HORZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 2'

MANHOLE I.E.'S, PIPE LENGTHS AND PIPE SLOPES SHOWN IN PROFILE ARE ALL CALCULATED FROM INSIDE EDGE OF CONCRETE MANHOLE BARREL.

PUBLIC ALLEY PROFILE

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON.

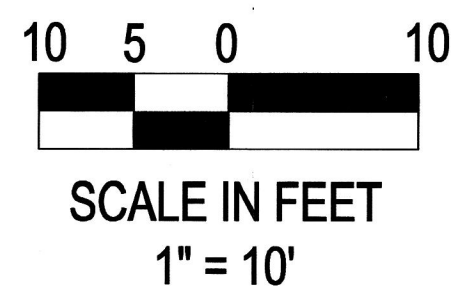
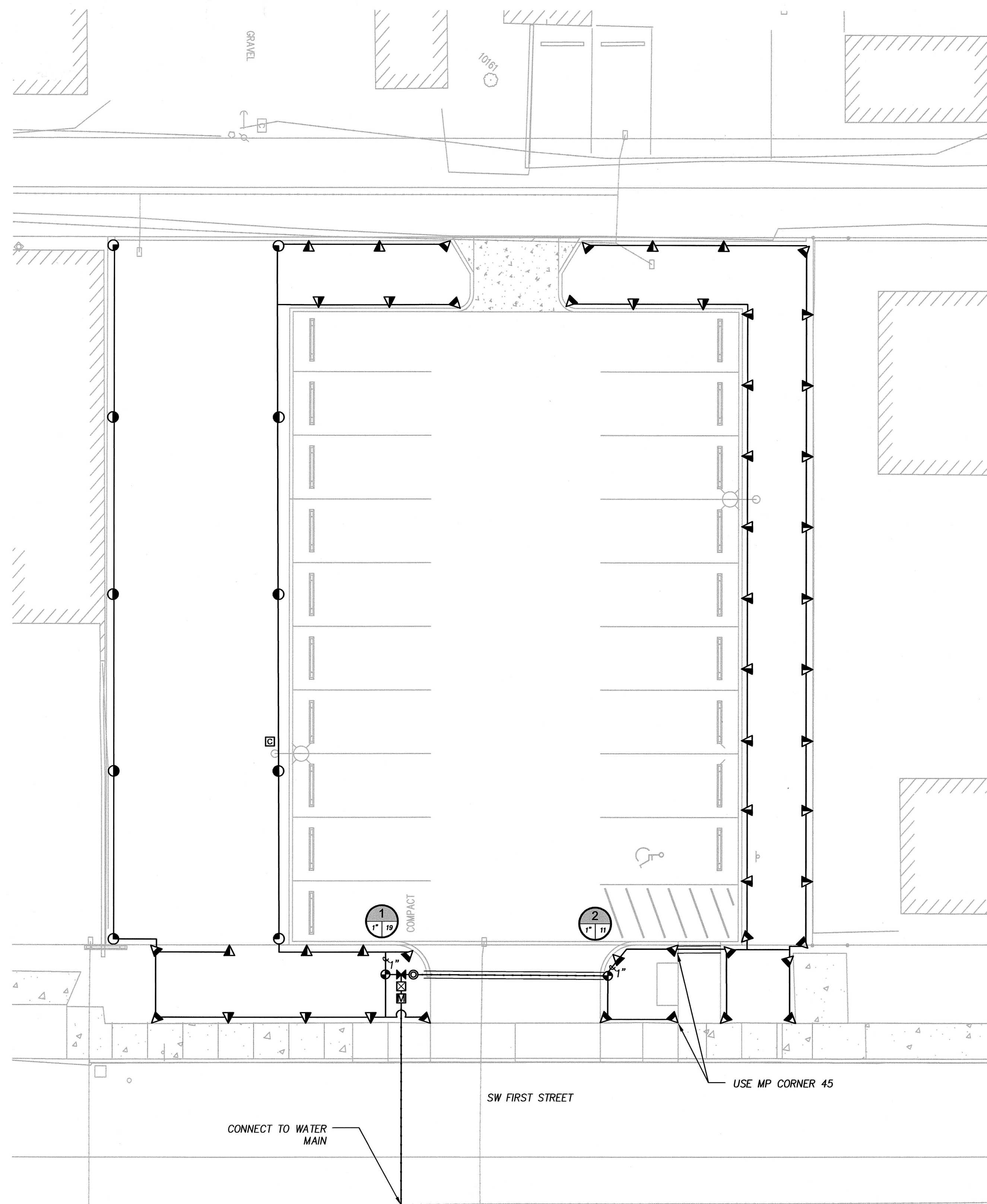
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@ci.sherwood.oregon.gov

PROFESSIONAL ENGINEER
ROBERT J. JENSEN
No. 10000
EXPIRES 6-30-19

DESIGNED BY:	AGS
DRAWN BY:	AGS
CHECKED BY:	RAG
FULL SIZE SCALE:	1" = 10'
DATE:	OCTOBER 27, 2017

REVISIONS

JOB NO.	202
SHEET NO.	C10

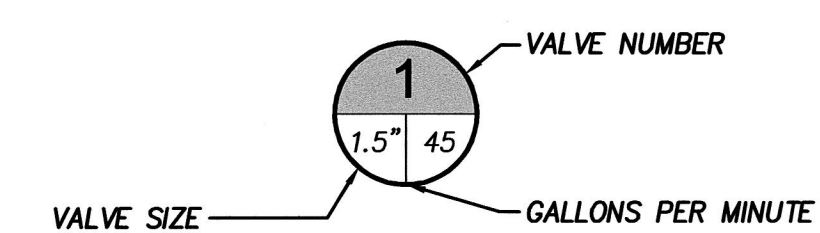


IRRIGATION LEGEND

EQUIPMENT

SYMBOL	DESCRIPTION	DETAIL
	WATER METER	1
	BACKFLOW PREVENTOR - FEBCO MODEL 850 Y, 1 1/2" OR APPROVED EQ.	C12
	BALL VALVE - NIBCO T-560 OR APPROVED EQUAL.	7
	REMOTE CONTROL VALVE - HUNTER ICV OR APPVD EQ. SIZE AS SHOWN REMOTE CONTROL VALVE	C12
	QUICK COUPLER - HUNTER HQ3 OR APPROVED EQUAL.	5
	CONTROLLER - HUNTER I-CORE (ICC-600-M). INSTALL IN METAL PEDESTAL & PROVIDE 120/230 VAC POWER SUPPLY.	C12
	SLEEVING - 4" SLEEVE FOR PIPES < 2", 6" SLEEVE FOR PIPES 2.5"-4"	2
	MAINLINE - 1 1/2" SCH. 40 PVC	C12
	LATERAL LINE - .75", CLASS 200 PVC	6
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	C12
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	3
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	C12
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	4
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	C12
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	4
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	C12
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	4
	LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC	C12

VALVE ZONE KEY



HEAD SCHEDULE

SYMBOL	DESCRIPTION	PSI	RADIUS	GPM
	MPSS530, MPLCS515 & MPRCS515	40	5X30', 5'X15'	.44, .22
	MP1000 (360, 180, 90)	40	8'-15'	.75, .37, .19
	MP2000 (360, 180, 90)	40	13'-21'	1.47, .74, .40
	MP3000 (360, 180, 90)	40	22'-30'	3.64, 1.82, .86

IRRIGATION GENERAL NOTES

1. THE CONTRACTOR SHALL INSPECT THE SITE AND VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
2. IRRIGATION PLANS ARE SCHEMATIC DRAWINGS ONLY. PLACE LINES IN A COMMON TRENCH WHENEVER POSSIBLE. FIELD ADJUST LINES TO AVOID CONFLICT WITH UTILITIES.
3. IRRIGATION IS COORDINATED WITH THE PLANTING PLAN AND SITE IMPROVEMENTS AND IS DESIGNED WITH TRIANGULAR SPACING GIVING HEAD TO HEAD COVERAGE. COORDINATE IRRIGATION HEAD LAYOUT WITH NEW PLANT MATERIALS. LOCATE SPRAY HEADS 30" FROM BASE OF TREE. DO NOT ALTER HEAD LOCATION, PIPE LAYOUT, OR VALVE LOCATION WITHOUT WRITTEN APPROVAL FROM THE CONSTRUCTION MANAGER. NOTIFY OWNER'S REPRESENTATIVE IF DISCREPANCIES OCCUR BETWEEN THE PLANS AND FIELD CONDITIONS.
4. ALL COMPONENTS OF IRRIGATION SYSTEM SHALL BE INSTALLED AND PROPERLY ADJUSTED TO PROVIDE ADEQUATE COVERAGE AND MINIMIZATION OF OVER SPRAY ONTO WALKS, BUILDINGS, PARKING AREAS, ETC.
5. ALL PIPE SIZES INDICATED ARE MINIMUMS. CONTRACTOR MAY NOT DECREASE PIPE SIZE. LARGER PIPE SIZES MAY BE USED AT NO ADDITIONAL COST TO OWNER.
6. INSTALL ALL IRRIGATION PIPE AND CONTROL WIRES IN PVC SLEEVE BELOW ALL PAVED SURFACES UNLESS OTHERWISE INDICATED ON THE PLANS. INSTALL SLEEVES PRIOR TO PLACEMENT OF PAVEMENT SURFACES. COORDINATE WITH PLACEMENT OF SUB-BASE.
7. COORDINATE IRRIGATION POINTS OF CONNECTION AND LOCATION OF AUTOMATIC CONTROL VALVES WITH PROJECT MANAGER. COORDINATE ALL WORK WITH OTHER TRADES, I.E. ELECTRICAL, MASONRY, ETC.
8. CONTRACTOR TO PROGRAM AUTOMATIC CONTROLLER TO ALLOW FOR THE EQUIVALENT OF 1" OF WATER PER WEEK, OR PER SITE AND PLANTING NEEDS FOR BEST PLANT HEALTH.
9. ALL PIPES SHALL BE TRENCHED. PROVIDE FOR POSITIVE DRAINAGE OF MAINLINE. PLACE MANUAL DRAIN AT LOW POINTS IN MAINLINE. LOCATIONS TO BE DETERMINED IN THE FIELD. IDENTIFY LOCATIONS ON AS-BUILTS.
10. CONTRACTOR TO INSTALL CONTROLLER AND ACCESSORIES PER MANUFACTURERS' SPECIFICATIONS. CONTRACTOR TO FURNISH CONTROL WIRES FROM VALVES TO CONTROLLER. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING 120/230 VAC SERVICE AND CONNECTION TO CONTROLLER.
11. INSTALL FOUR (4) ADDITIONAL CONTROL WIRES AND GROUND WIRE FROM CONTROLLER TO END OF MAINLINE EXTENSIONS.
12. ALL SPRINKLER BODIES TO BE 12-INCH POP-UP TYPE.

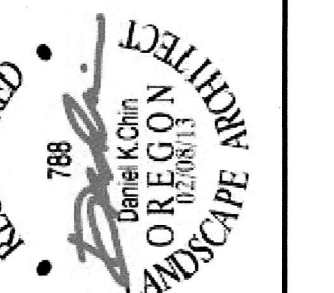
IRRIGATION PLAN

FIRST STREET PARKING LOT

LOCATED IN SECTION 32B&A, T2S, R1W,
W.M. IN THE CITY OF SHERWOOD,
WASHINGTON COUNTY,
STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22550 SW PINE STREET
SHERWOOD, OREGON 97140

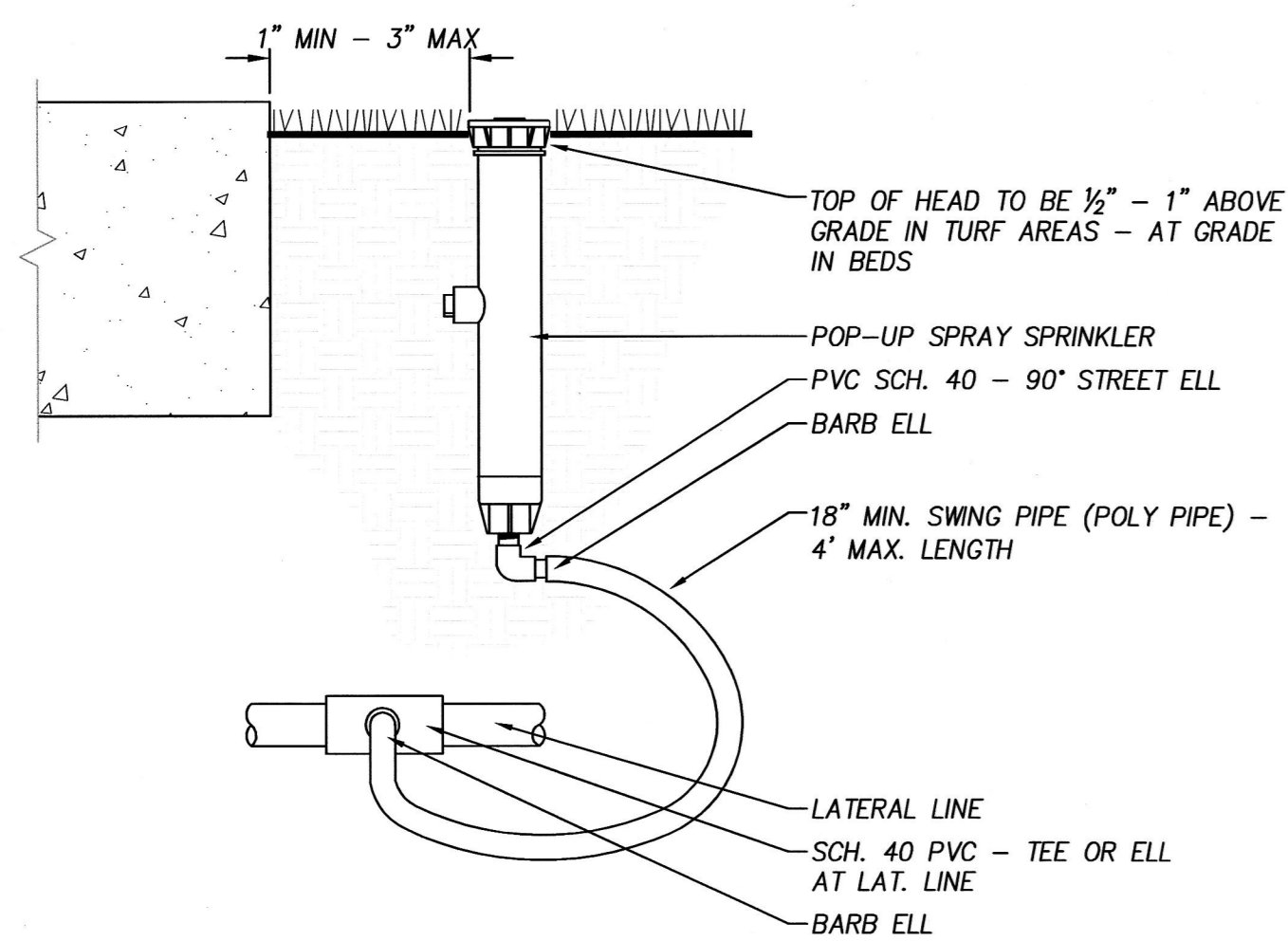
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



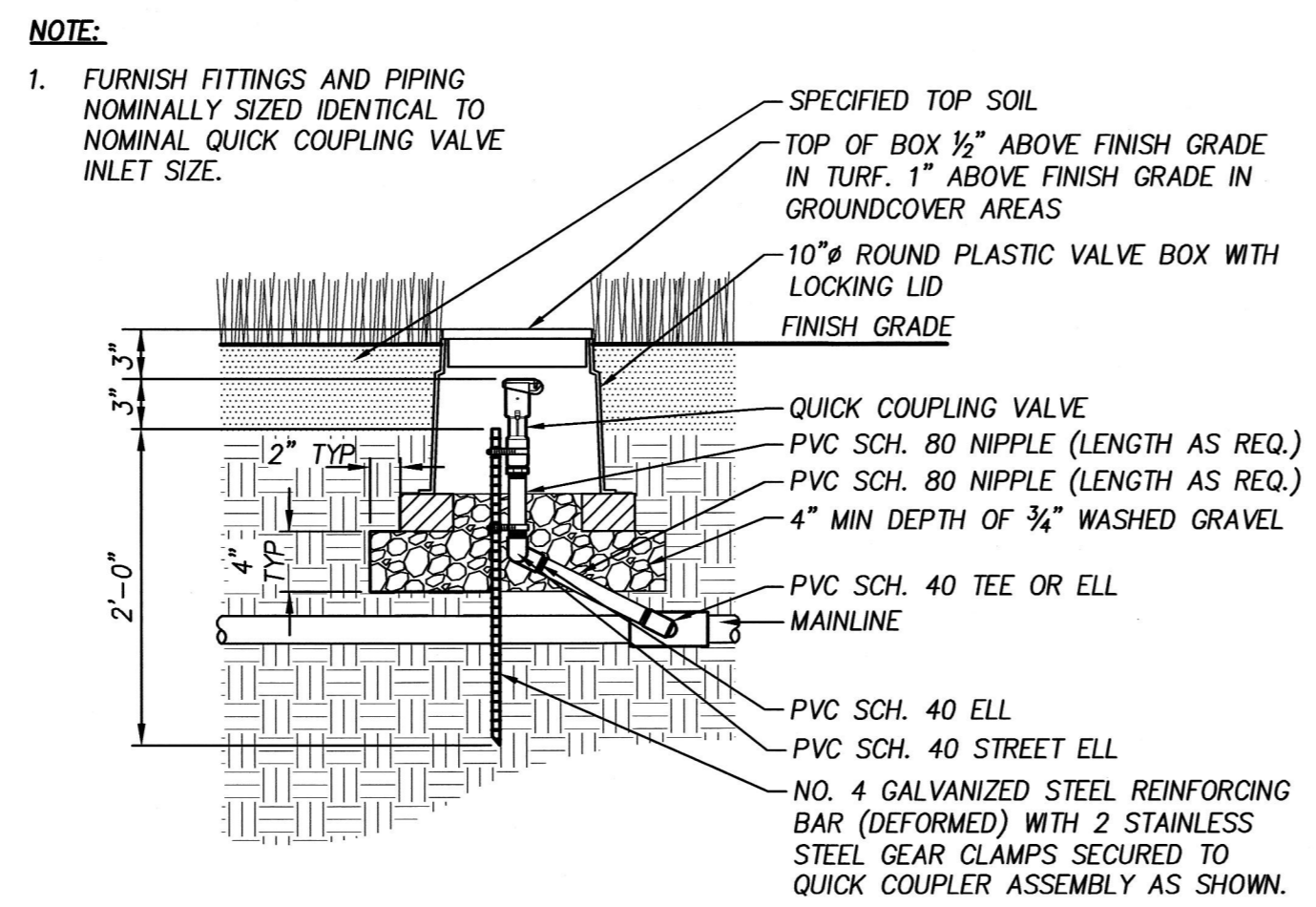
DESIGNED BY:	JPC
DRAWN BY:	JPC
CHECKED BY:	DKC
FULL SIZE SCALE:	1"=10'
DATE:	MAR 08, 2017
sheets_8089.dwg	

NO.	DESCRIPTION	DATE

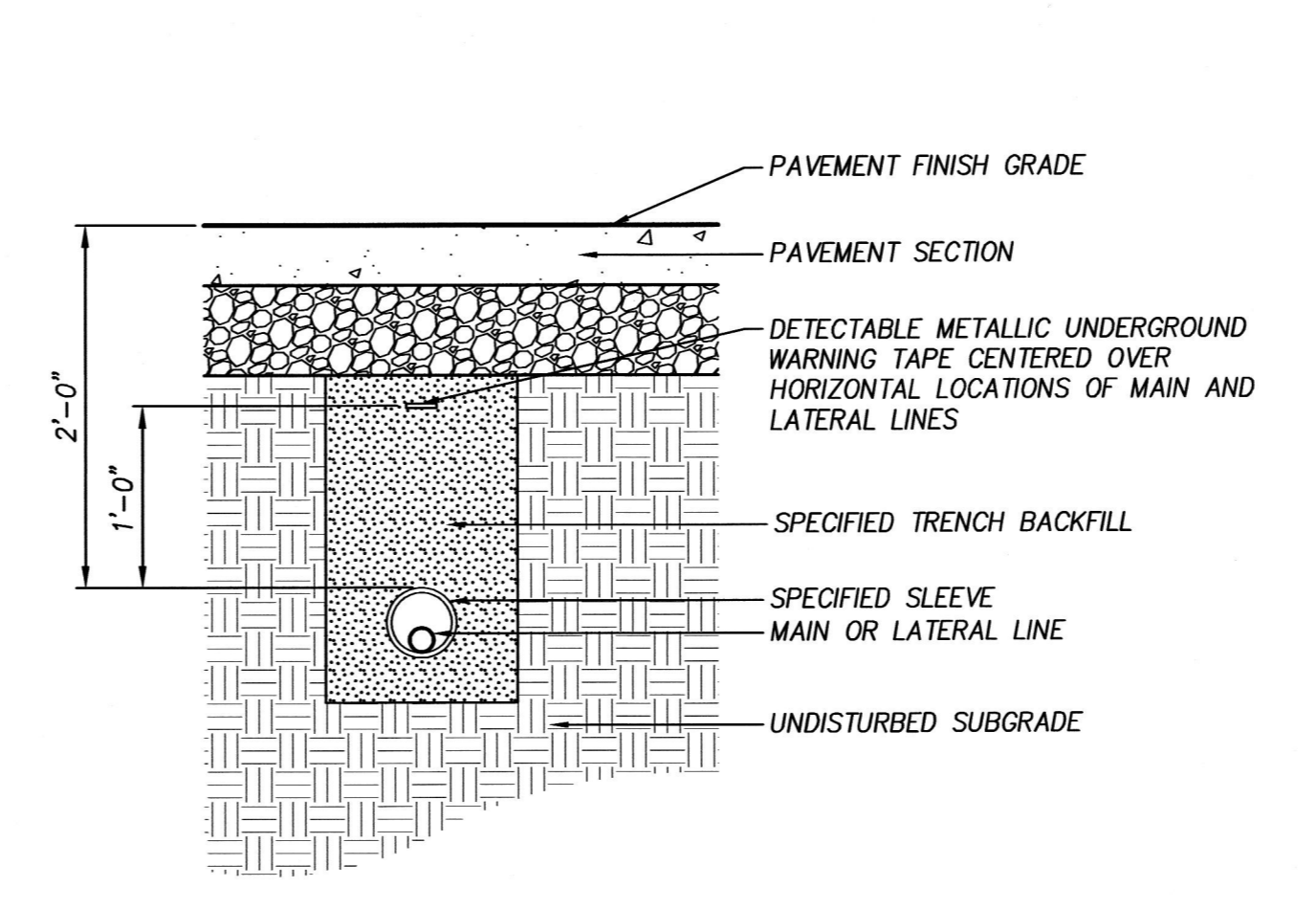
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SHEET NO.	C11



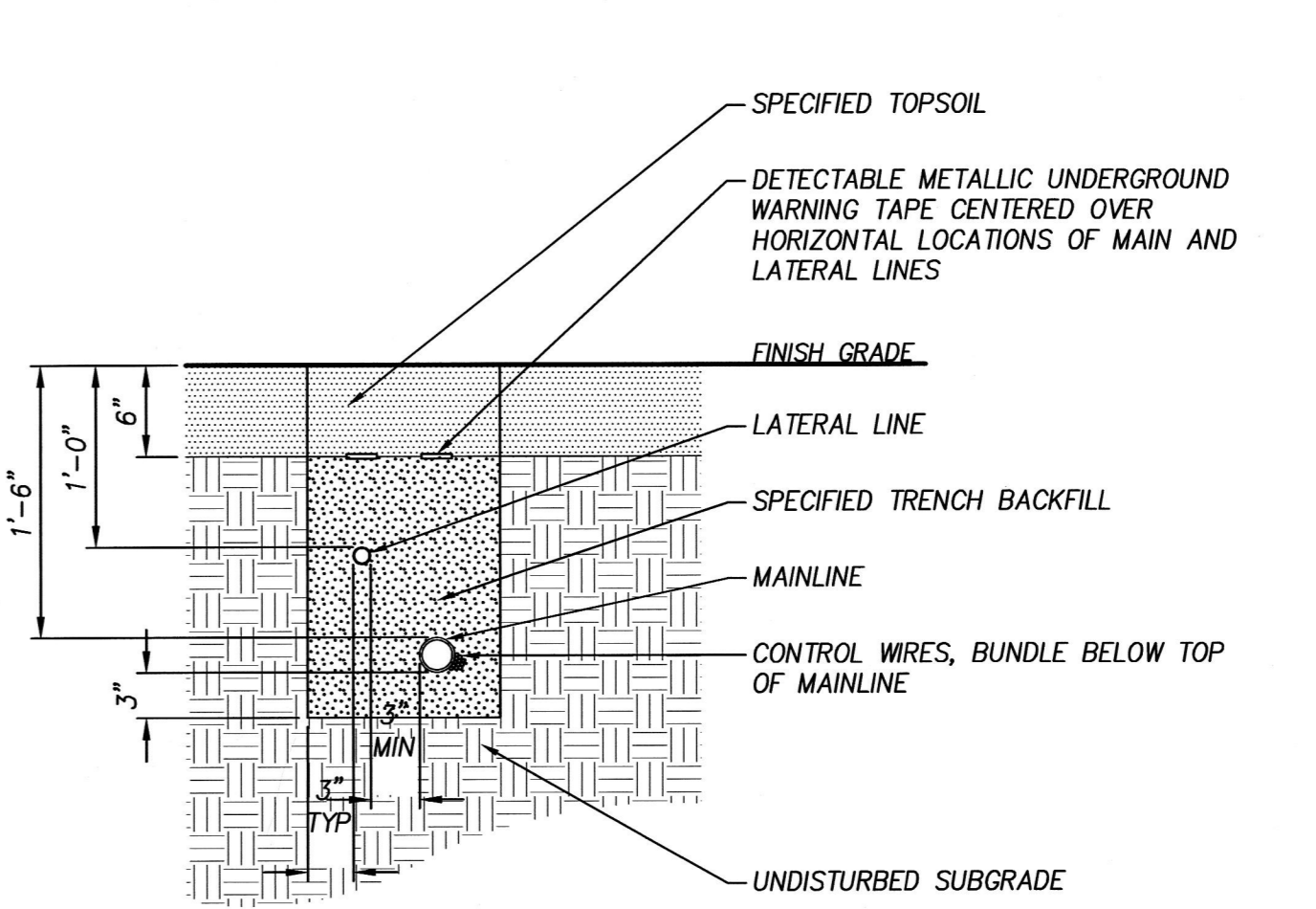
1 12" POP-UP SPRAY SPRINKLER
Section



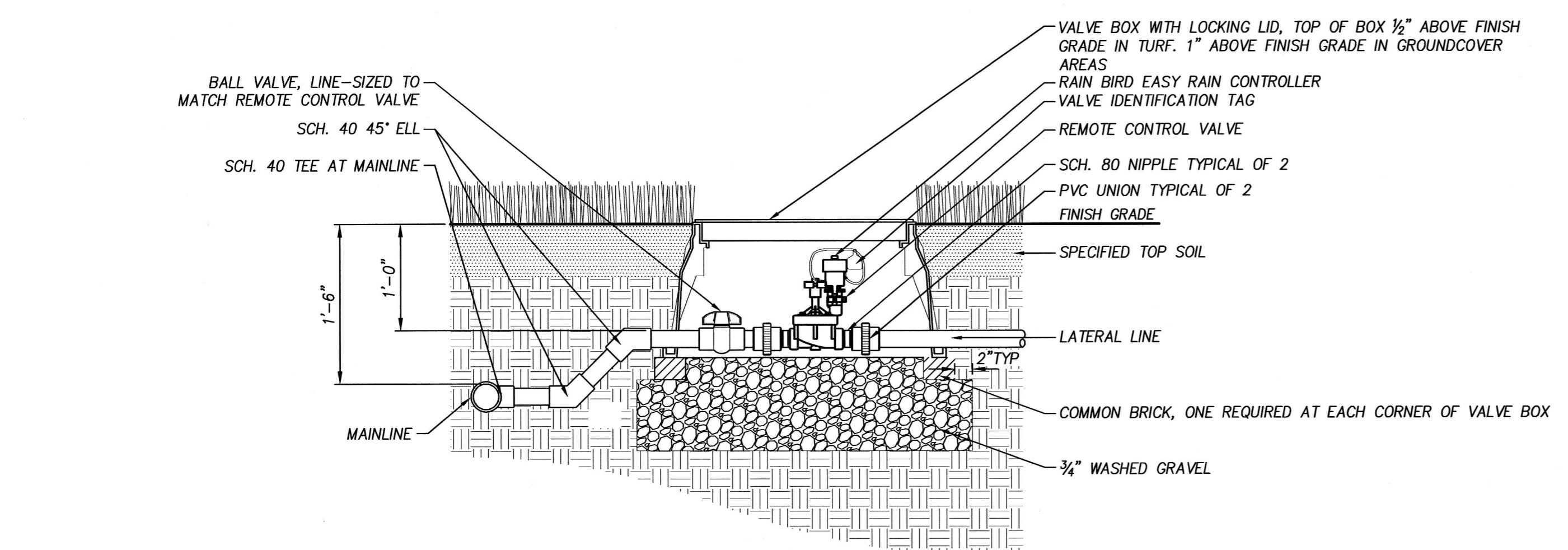
2 QUICK COUPLER
Section NOT TO SCALE



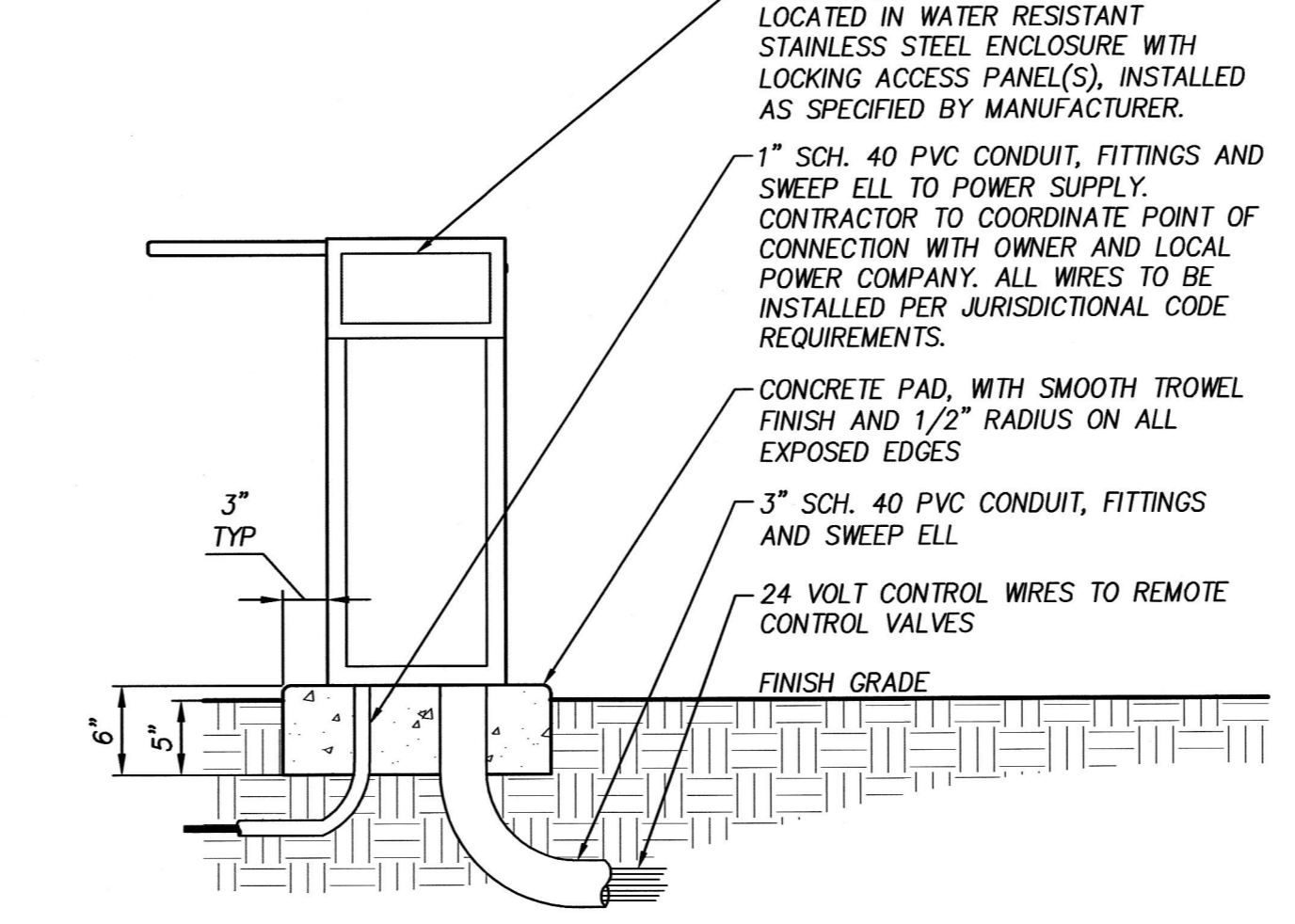
3 SLEEVING
Section NOT TO SCALE



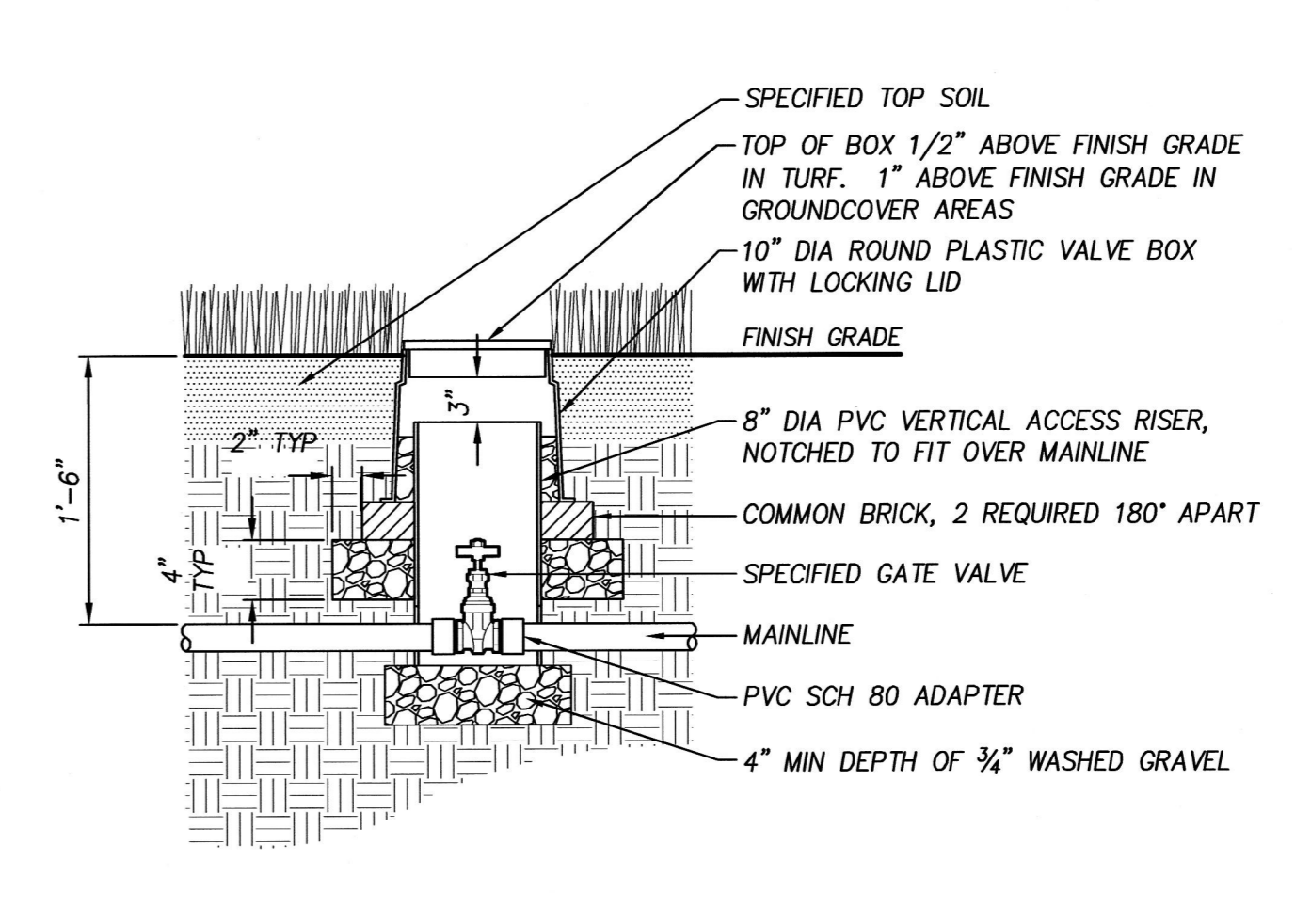
4 TYPICAL TRENCHING
Section NOT TO SCALE



5 REMOTE CONTROL VALVE
Section NOT TO SCALE



6 CONTROLLER
Section NOT TO SCALE



7 ISOLATION VALVE
Section NOT TO SCALE

NOTE:

1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

IRRIGATION DETAILS

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW 10TH STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@ci.sherwood.or.us



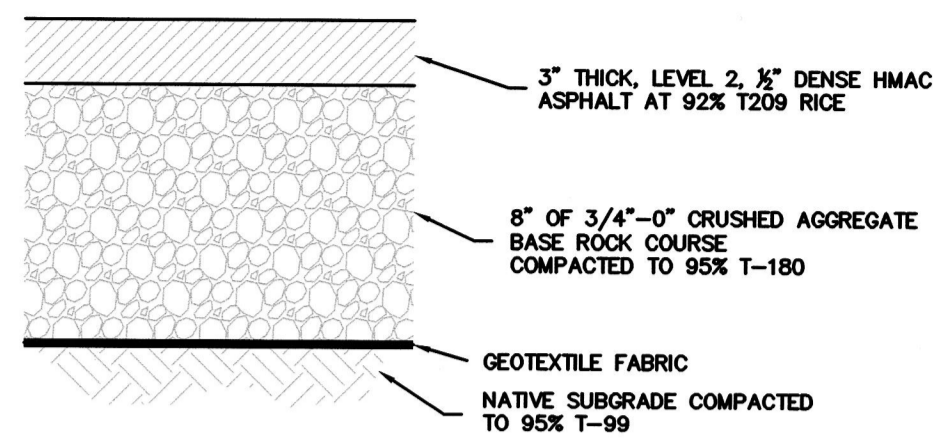
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DRAWN BY:	JPC
CHECKED BY:	DKC
FULL SIZE SCALE:	1"=10'
DATE:	MAR 08, 2017

NO.	DESCRIPTION	DATE

JOB NO. N/A

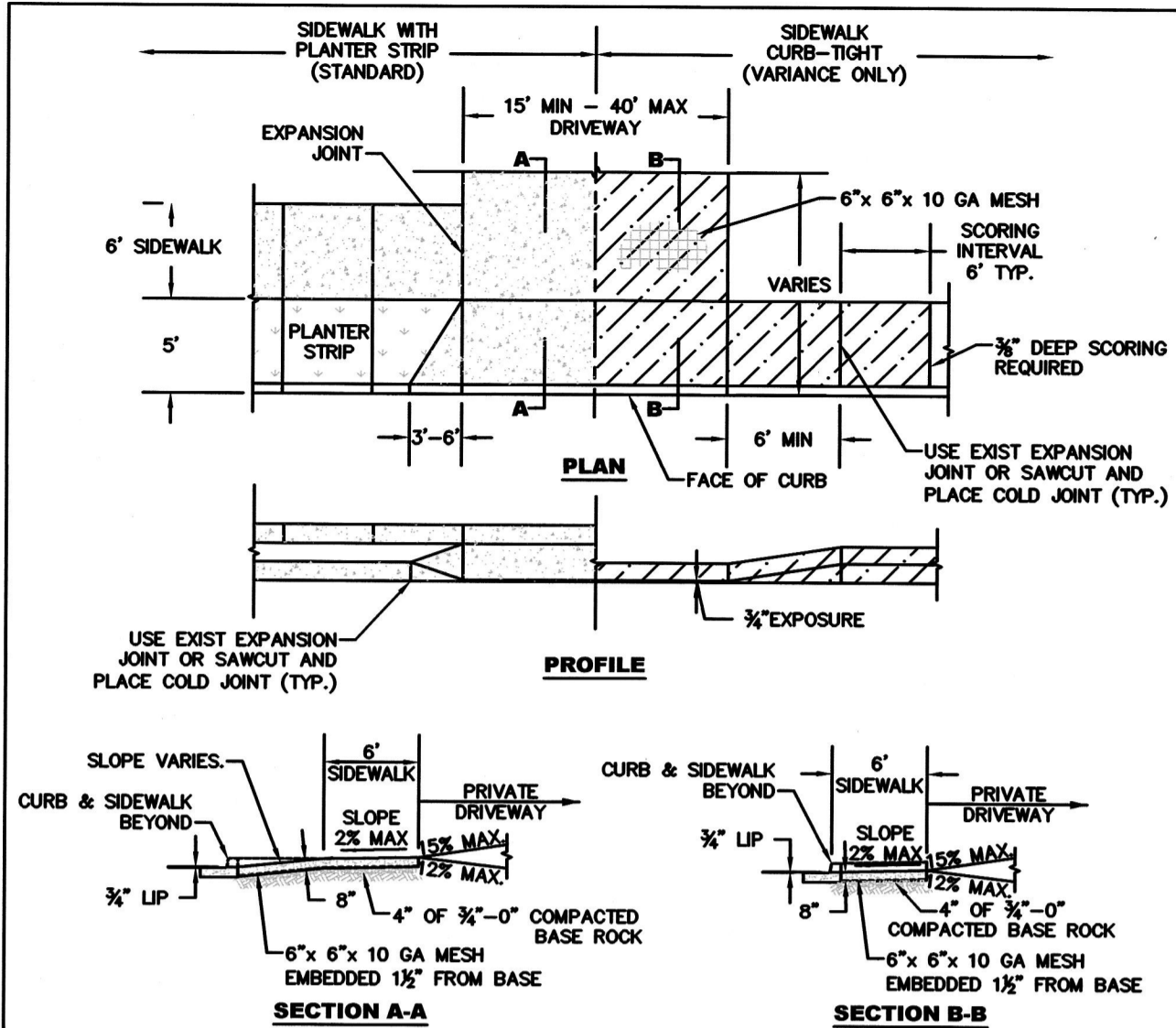
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REVISIONS



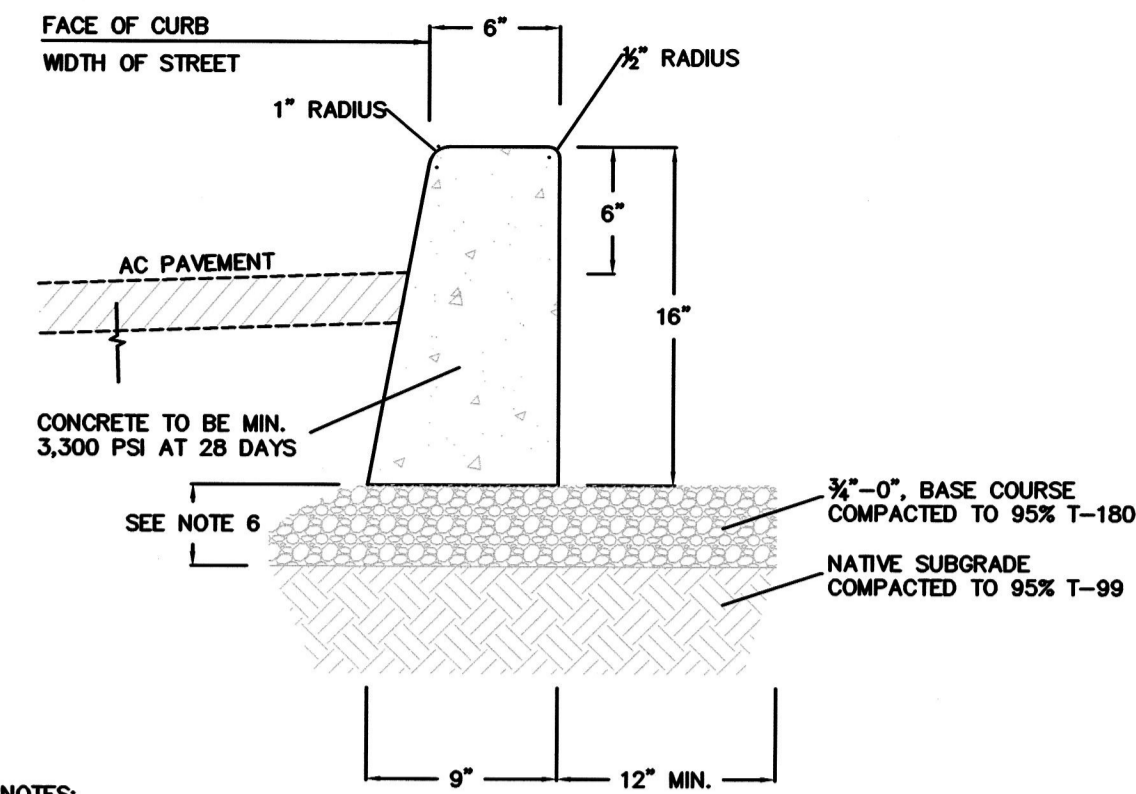
- NOTES:
- MATERIALS AND PLACEMENT OF THE HOT MIXED ASPHALT CONCRETE PAVEMENT (ACP) SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 00744 - ASPHALT CONCRETE PAVEMENT (ACP), OF THE ODOT/APWA, OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION (LATEST EDITION), EXCEPT AS MODIFIED BY CITY AND NOTED IN THE CITY'S ENGINEERING DESIGN AND STANDARD DETAILS MANUAL (LATEST EDITION).
 - CRUSHED AGGREGATE USED FOR BASE ROCK SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 02630 - BASE AGGREGATE, OF THE ODOT/APWA, OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION (LATEST EDITION).

PARKING LOT PAVING SECTION



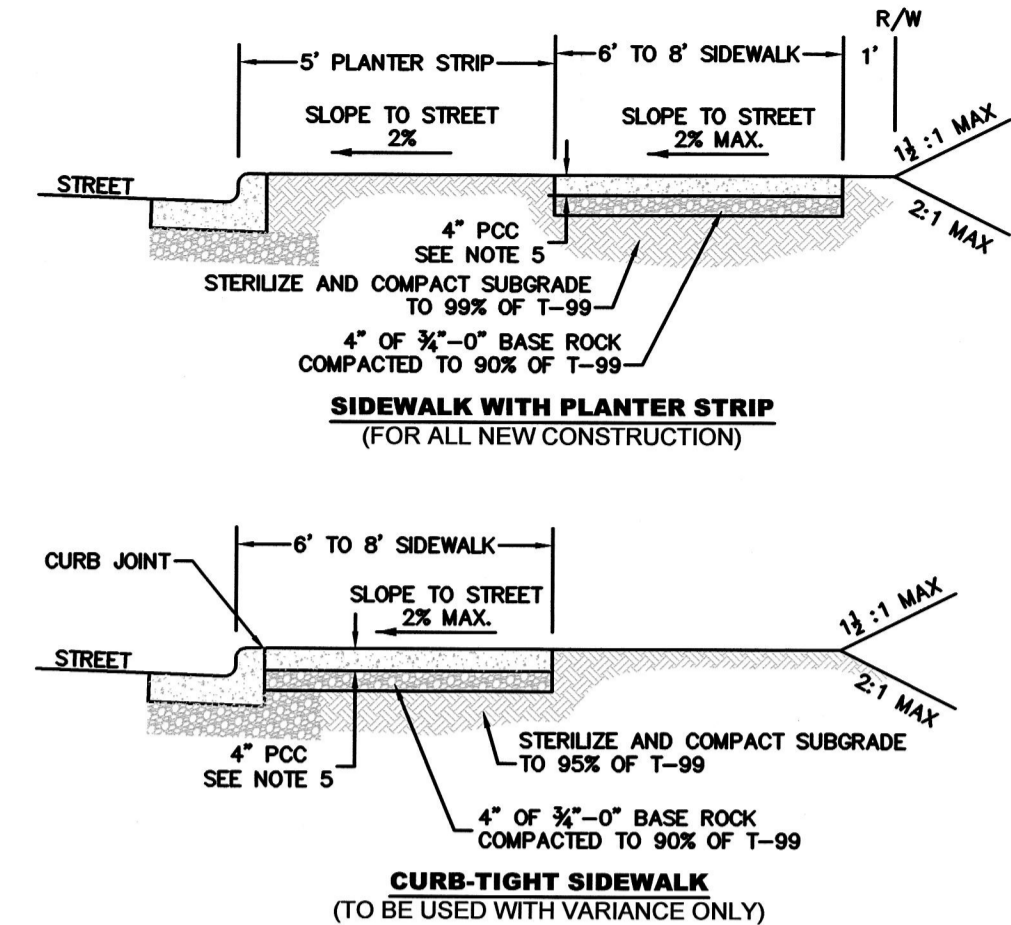
- NOTES:
- CONCRETE SHALL HAVE 8" MINIMUM DEPTH AND A COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS.
 - CURB JOINT SHALL BE A TROWELED JOINT WITH A MINIMUM 1/2" RADIUS ALONG BACK OF CURB.
 - EXPANSION JOINTS SHALL BE 1/2" PRE-MOLDED ASPHALT IMPREGNATED MATERIAL, CEDAR OR EQUIVALENT EXTENDING FROM TOP OF BASE TO FINISHED GRADE.
 - CONCRETE SHALL HAVE A BROOM FINISH AND EDGE ALL JOINTS.
 - WEEPHOLES ARE NOT TO BE PLACED IN WINGS.
 - IF CURBING IS BEING REMOVED TO INSTALL DRIVEWAY AND GUTTER SHOULD BECOME SEPARATED FROM THE DRIVING SURFACE IN EXCESS OF 1/4", THEN THE GUTTER SHALL ALSO BE REMOVED AND REPLACED.
 - WINGS OF THE COMMERCIAL DRIVEWAY WHICH ARE A PORTION OF THE SIDEWALK SHALL NOT EXCEED A SLOPE OF 8.33% (1:12).
 - ODOT STANDARD DRAWINGS FOR COMMERCIAL DRIVEWAYS MAY BE USED WHEN PRE-APPROVED BY CITY ENGINEER.
 - SLOPE OF THE DRIVEWAY MAY BE AWAY FROM THE CURB WHEN PRE-APPROVED BY THE CITY ENGINEER.

STANDARD DRAWING TITLE	DRAWING NUMBER
COMMERCIAL DRIVEWAY DETAIL	RD-42
SCALE	DATE
N.T.S.	MAR '16



- NOTES:
- VERTICAL CURB TO BE USED AT MEDIANS AND MEDIAN PLANTING STRIPS, OR IN REPLACEMENT OF DAMAGED EXISTING VERTICAL CURBS.
 - CONCRETE SHALL BE COMMERCIAL MIX. MIN. COMPRESSIVE STRENGTH OF 3,300 PSI AT 28 DAYS.
 - EXPANSION JOINTS TO BE PROVIDED: AT POINT OF TANGENCY OF THE CURB, AT EACH COLD JOINT, AT THE SIDE OF INLET STRUCTURES, AT THE ENDS OF DRIVEWAYS AND AT LOCATIONS NECESSARY TO LIMIT SPACING TO 45 FEET.
 - MATERIAL TO BE PRE-MOLDED, ASPHALT IMPREGNATED, NON-EXTRUDING, WITH A THICKNESS OF 1/2" INCH.
 - CONTRACTION JOINTS SHALL NOT BE SPACED MORE THAN 15 FEET AND SHALL BE 1/2" IN DEPTH.
 - BASE ROCK: 3/4"-0", COMPACTED TO 95% MAX DENSITY. BASE ROCK SHALL BE TO SUBGRADE OF STREET STRUCTURE OR 6" IN DEPTH, WHICHEVER IS GREATER.

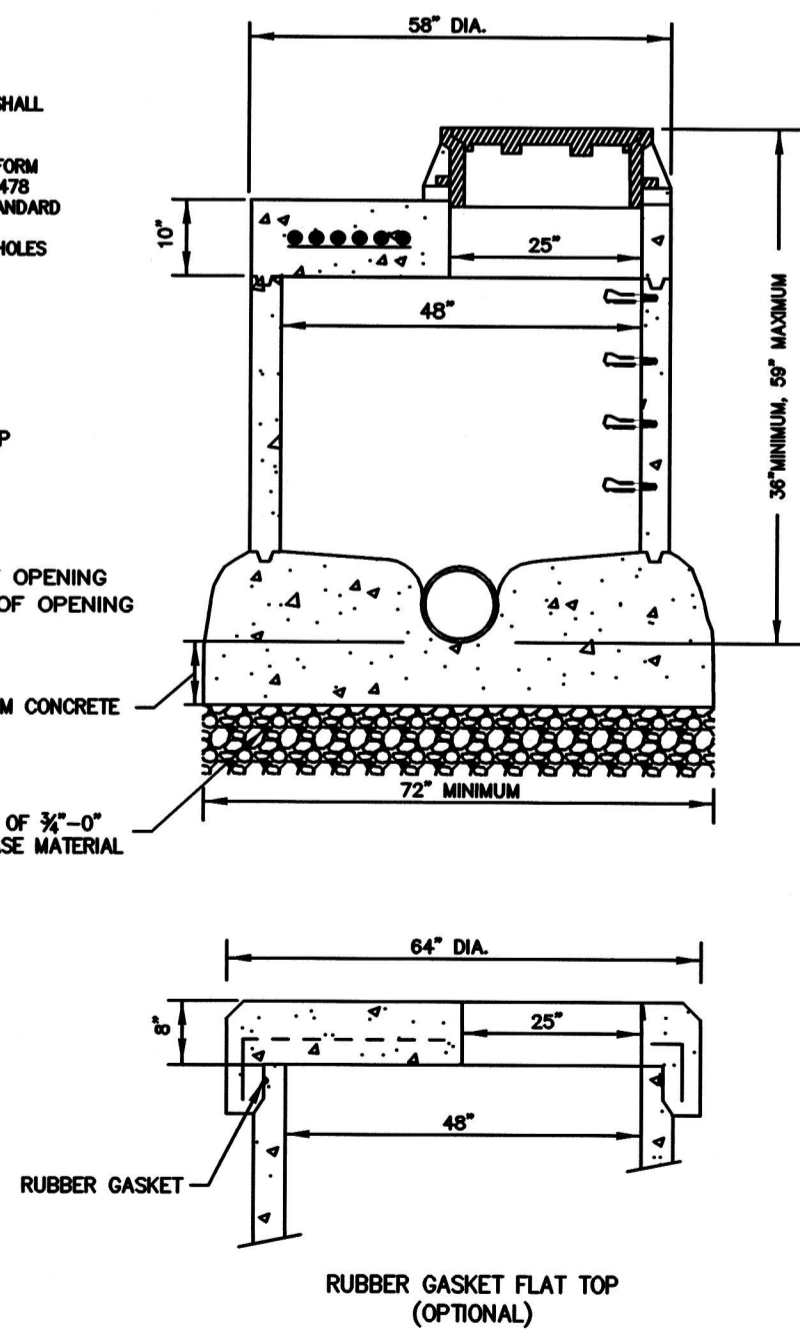
STANDARD DRAWING TITLE	DRAWING NUMBER
VERTICAL CURB	RD-21
SCALE	DATE
N.T.S.	MAR '16



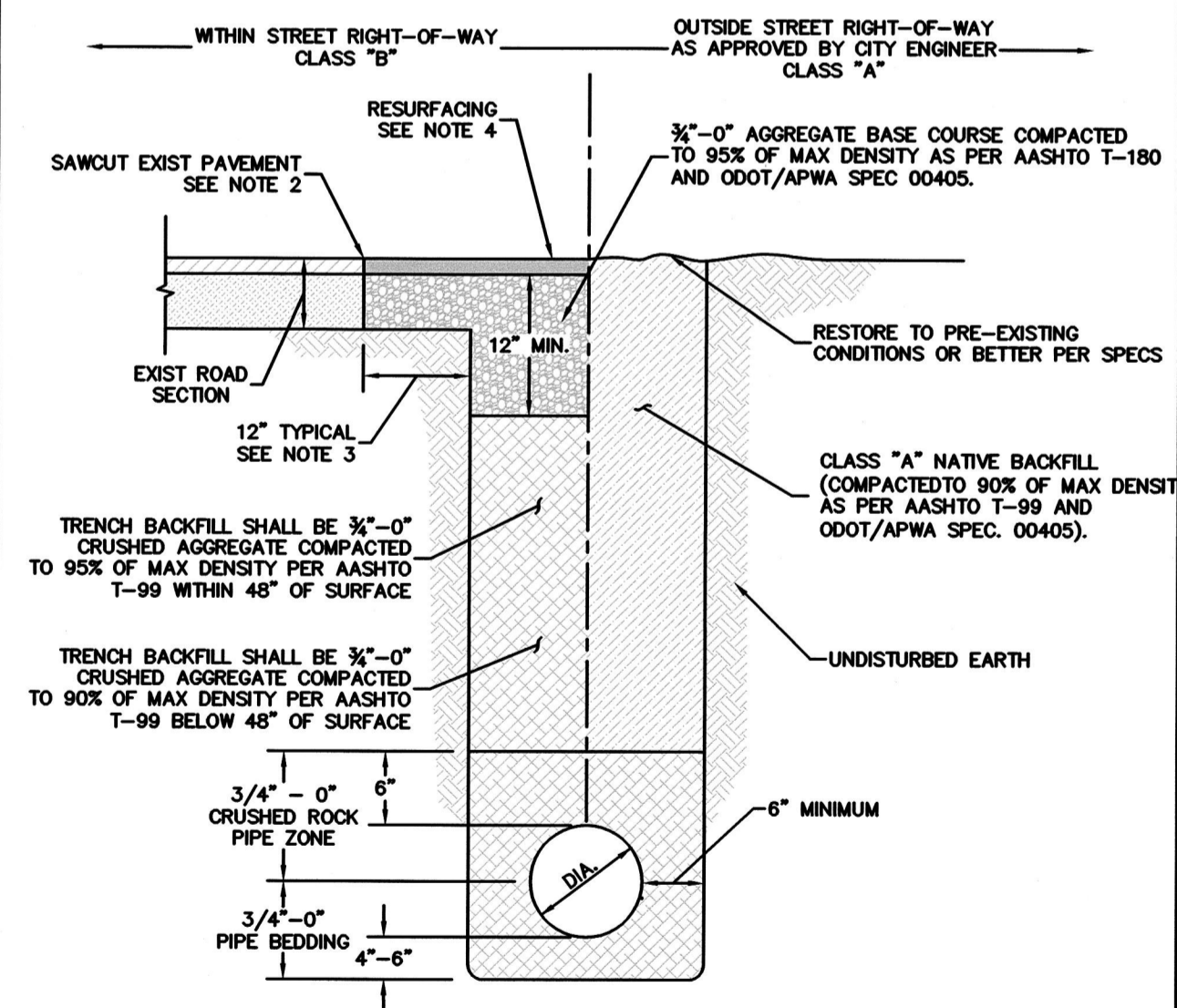
- NOTES:
- CONCRETE SHALL BE COMMERCIAL MIX. MIN. COMPRESSIVE STRENGTH OF 3,300 PSI @ 28 DAYS, WITH A 4" MAX SLUMP.
 - SIDEWALK PANELS TO BE SQUARE (6' LONG x 6' WIDE TYP.).
 - EXPANSION JOINTS TO BE PLACED AT SIDINGS OF DRIVEWAY APPROACHES, UTILITY VAULTS, CURB RAMP, AND/OR POINTS OF TANGENCY IN CURB AS SHOWN ON THE STANDARD DRAWINGS FOR SIDEWALK RAMP, AND AT SPACING NOT TO EXCEED 45'.
 - FOR SIDEWALKS ADJACENT TO THE CURB AND POURED AT THE SAME TIME AS THE CURB, THE JOINT BETWEEN THEM SHALL BE A TROWELED JOINT WITH A MINIMUM 1/2" RADIUS.
 - SIDEWALKS SHALL HAVE A MINIMUM THICKNESS OF 4". IF MOUNTABLE CURB IS USED, OR IF SIDEWALK IS INTENDED AS PORTION OF A RESIDENTIAL DRIVEWAY IT SHALL HAVE A 6" MINIMUM THICKNESS, COMMERCIAL 8".
 - CONCRETE SHALL HAVE A BROOM FINISH. ALL JOINTS SHALL BE EDGED WITH 3" SHINE.
 - WIDTH OF PLANTER STRIP AND SIDEWALK IS MEASURED FROM FACE OF CURB.
 - IF DRAIN BLOCKOUTS IN CURBS ARE APPROVED, THEY SHALL BE EXTENDED PERPENDICULAR TO CURB TO 1" PAST BACK OF SIDEWALK WITH A 3" DIAMETER ADS PIPE. CONTRACTION JOINT SHALL BE PLACED OVER PIPE.

STANDARD DRAWING TITLE	DRAWING NUMBER
SIDEWALK DETAIL	RD-26
SCALE	DATE
N.T.S.	MAR '16

- NOTES:
- ALL JOINTS AND RUBBER GASKETS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-433.
 - ALL MANHOLE SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478 AND APPLICABLE PORTIONS OF STANDARD MANHOLE DRAWING SS-1.
 - STEPS REQUIRED ON FLAT TOP MANHOLES DEEPER THAN 48".

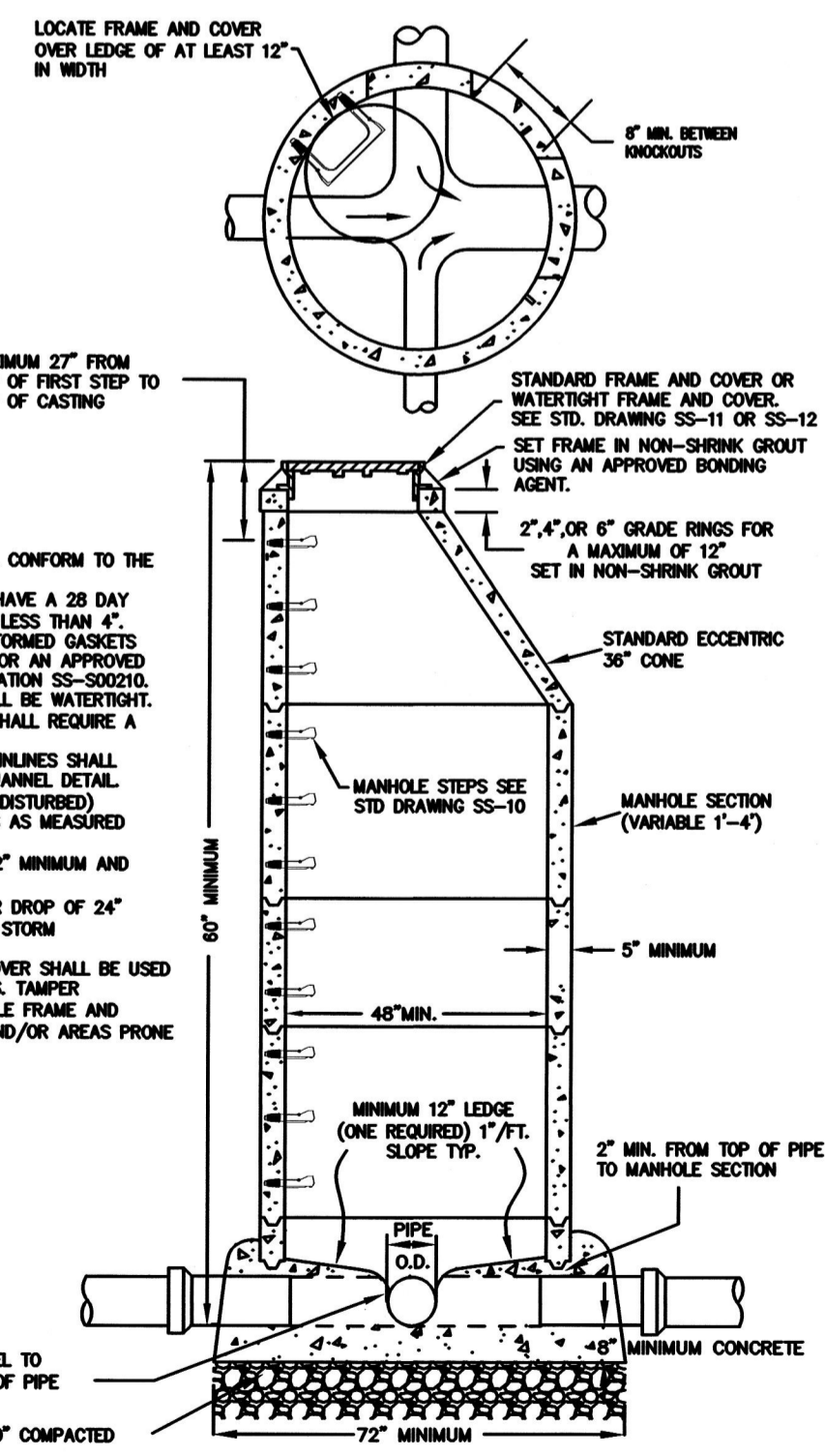


STANDARD DRAWING TITLE	DRAWING NUMBER
FLAT TOP MANHOLE	SS-5
SCALE	DATE
N.T.S.	MAR '16



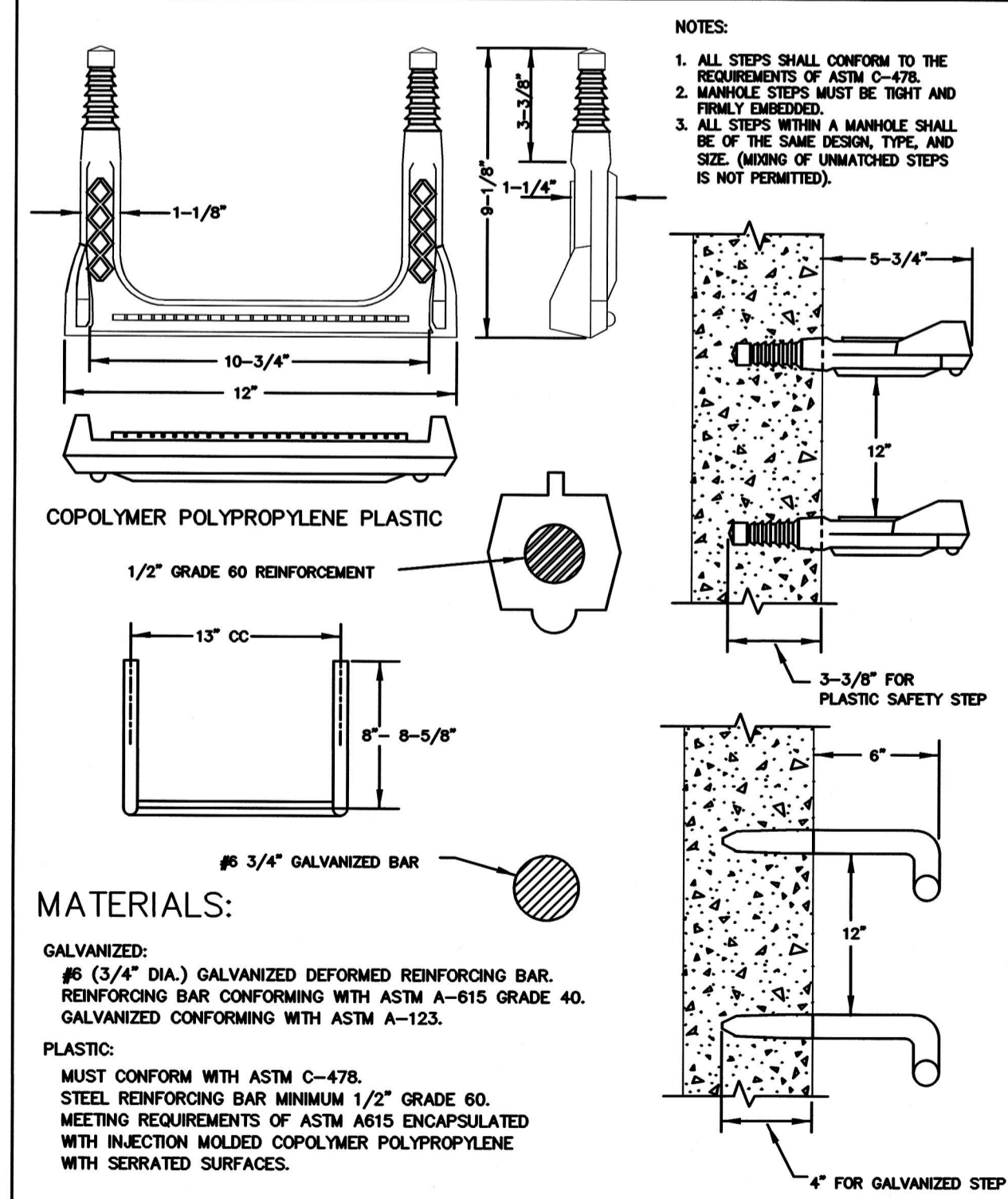
- NOTES:
- THESE TRENCH BACKFILL REQUIREMENTS APPLY TO ALL PUBLIC UTILITY PIPES. FOR ADDITIONAL REQUIREMENTS, SEE CITY STANDARD DESIGN MANUAL SECTION 210.19.
 - SAWCUT EXISTING HMAc PAVEMENT FULL DEPTH. SAWCUT EXISTING PCC PAVEMENT ACCORDING TO CITY STANDARD DETAILS.
 - 12" FOR TRENCHES WIDER THAN 12". 6" FOR TRENCHES LESS THAN 12".
 - MATCH EXISTING PAVEMENT MATERIAL(S). THICKNESS SHALL BE AS FOLLOWS:
 - FOR EXISTING HMAc: RESURFACE TO A MINIMUM OF 3" OF LEVEL 2, 1/2" DENSE HMAc OR EXISTING AC THICKNESS PLUS 2", WHICHEVER IS GREATER, BUT DO NOT EXCEED 6". COMPACT AC IN 2" MAX LIFTS TO 92% OF MAXIMUM DENSITY (RICE).
 - FOR EXISTING PCC: EXISTING PAVEMENT THICKNESS PLUS 2", BUT NOT LESS THAN 8". ON ARTERIAL AND COLLECTOR STREETS, CONCRETE PATCHING MATERIAL SHALL BE HIGH EARLY STRENGTH CLASS 5000 PSI PCC APPROVED BY CITY ENGINEER.
 - ALL CUT EDGES OF AC SHALL BE SAND SEALED WITH CRS-1 OR CRS-2 EMULSIFIED ASPHALT OR EQUIVALENT.

STANDARD DRAWING TITLE	DRAWING NUMBER
PIPE TRENCH BACKFILL	RD-47
SCALE	DATE
N.T.S.	MAR '16



- NOTES:
- ALL PRE-CAST MANHOLE SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478.
 - ALL Poured IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I. AND SLUMP OF LESS THAN 4".
 - ALL JOINTS SHALL BE SEALED WITH PRE-FORMED GASKETS SUCH AS KENT-SEAL, INO. 2, RUM-MECK, OR AN APPROVED EQUAL CONFORMING TO FEDERAL SPECIFICATION SS-500210.
 - ALL PIPE CONNECTIONS TO MANHOLE SHALL BE WATER-TIGHT.
 - PIPE CONNECTIONS OF 24" OR GREATER SHALL REQUIRE A MANHOLE AND CHANNEL DETAIL.
 - PIPE CONNECTIONS OF FOUR OR MORE MAINLINES SHALL REQUIRE A MANHOLE CONNECTION AND CHANNEL DETAIL.
 - PROVIDE A MINIMUM OF 6" OF INTACT (UNDISTURBED) MANHOLE WALL BETWEEN PIPE BREAKOUTS AS MEASURED ON THE INSIDE FACE OF THE MANHOLE.
 - BREAKOUT OF WALL FOR PIPE SHALL BE 2" MINIMUM AND 4" MAXIMUM CLEAR OF PIPE WALL.
 - THIS DETAIL LIMITED TO MAXIMUM INTERIOR DROP OF 24" FOR SANITARY CONNECTION AND 48" FOR STORM CONNECTION.
 - TAMPER PROOF MANHOLE FRAME AND COVER SHALL BE USED IN ALL EASEMENT AND OFF STREET AREAS. TAMPER PROOF/WATERPROOF COMBINATION MANHOLE FRAME AND COVER SHALL BE USED IN FLOOD ZONE AND/OR AREAS PRONE TO FLOODING.

STANDARD DRAWING TITLE	DRAWING NUMBER
STANDARD MANHOLE	SS-1
SCALE	DATE
N.T.S.	MAR '16



- MATERIALS:
- GALVANIZED: #6 (3/4" DIA.) GALVANIZED DEFORMED REINFORCING BAR. REINFORCING BAR CONFORMING WITH ASTM A-615 GRADE 40. GALVANIZED CONFORMING WITH ASTM A-123.
- PLASTIC: MUST CONFORM WITH ASTM C-478. STEEL REINFORCING BAR MINIMUM 1/2" GRADE 60. MEETING REQUIREMENTS OF ASTM A615 ENCAPSULATED WITH INJECTION MOULDED COPOLYMER POLYPROPYLENE WITH SERRATED SURFACES.

STANDARD DRAWING TITLE	DRAWING NUMBER
MANHOLE STEP	SS-10
SCALE	DATE
N.T.S.	MAR '16

DETAILS

FIRST STREET PARKING LOT

LOCATED IN SECTION 328A, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

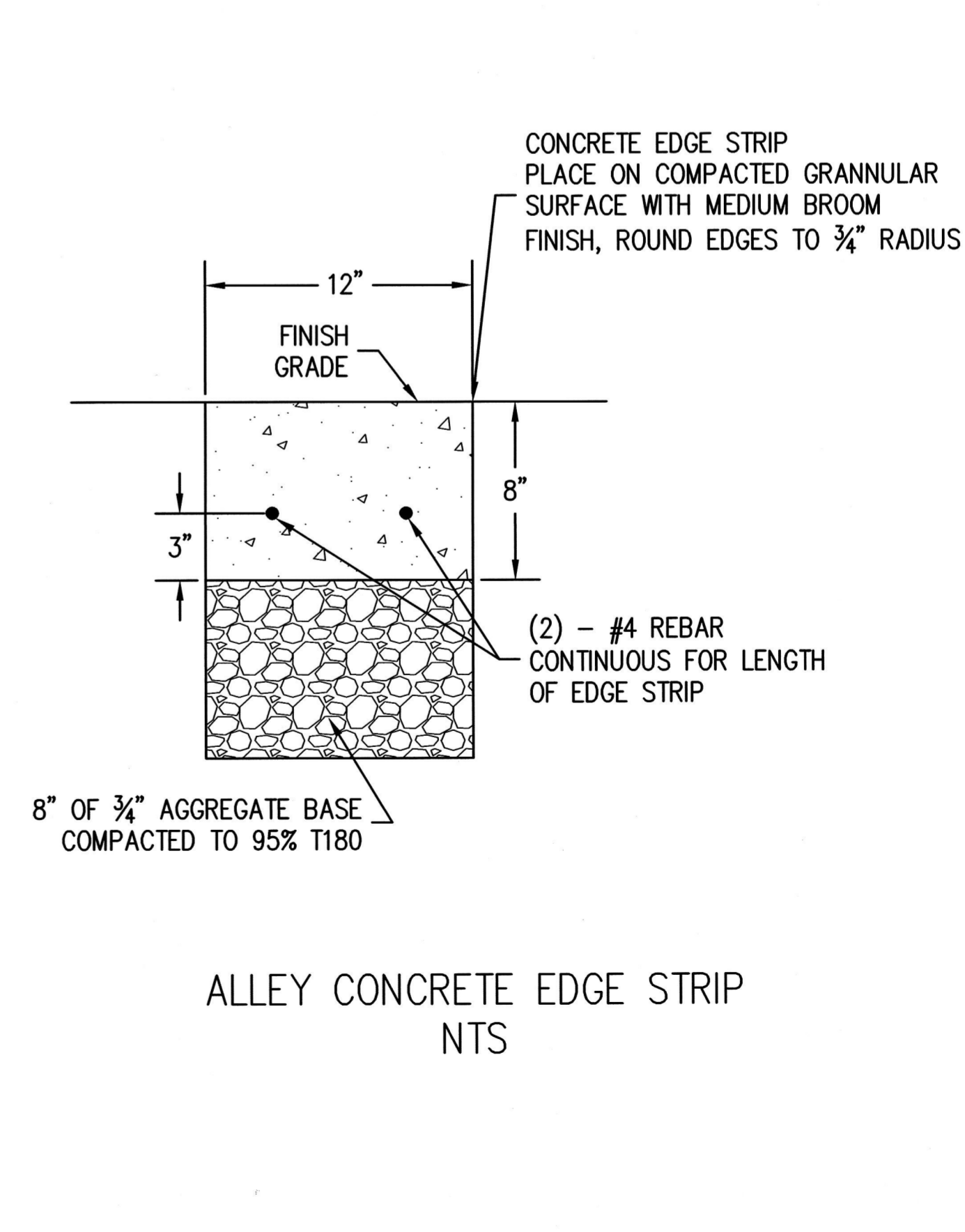
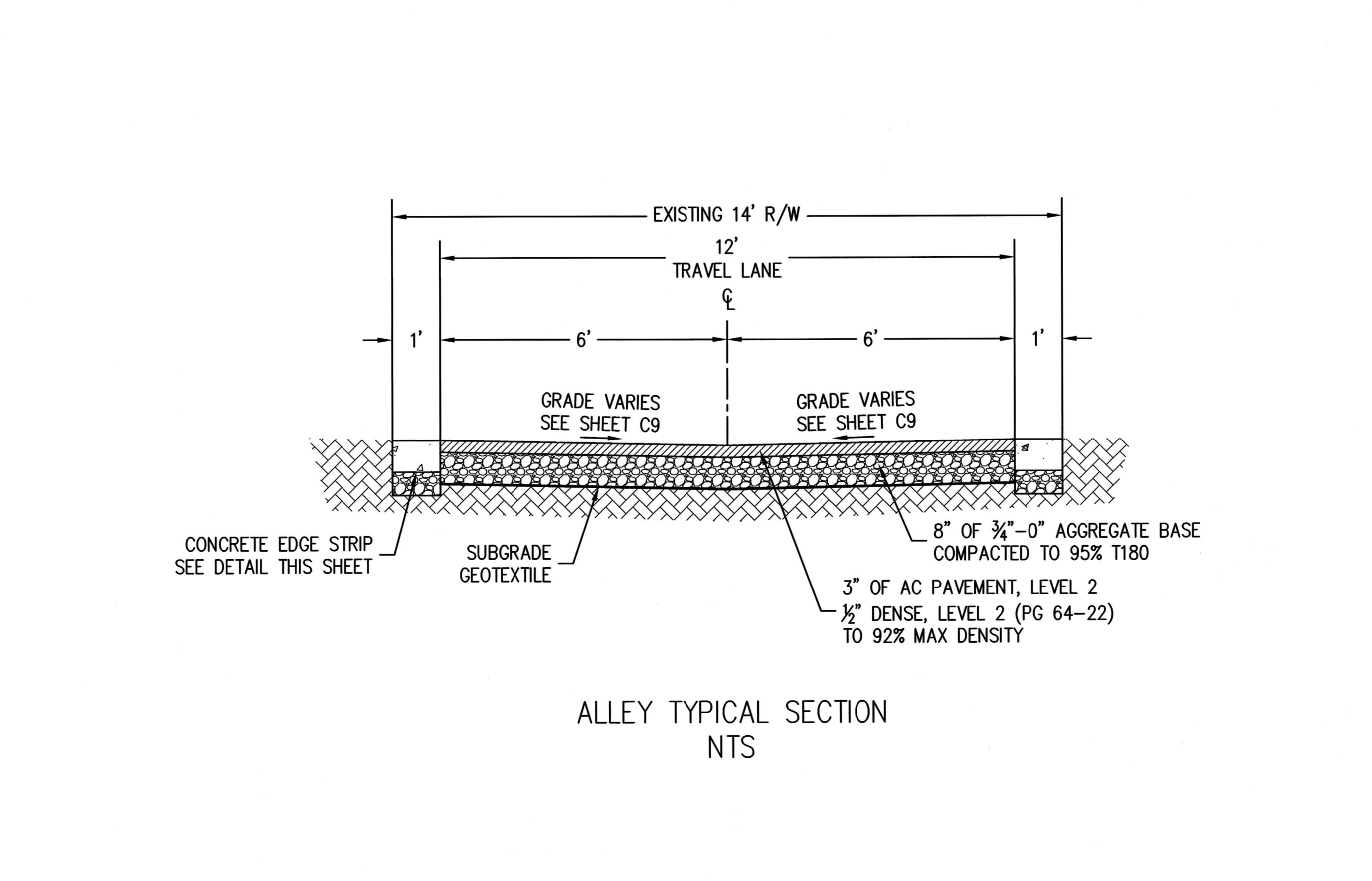
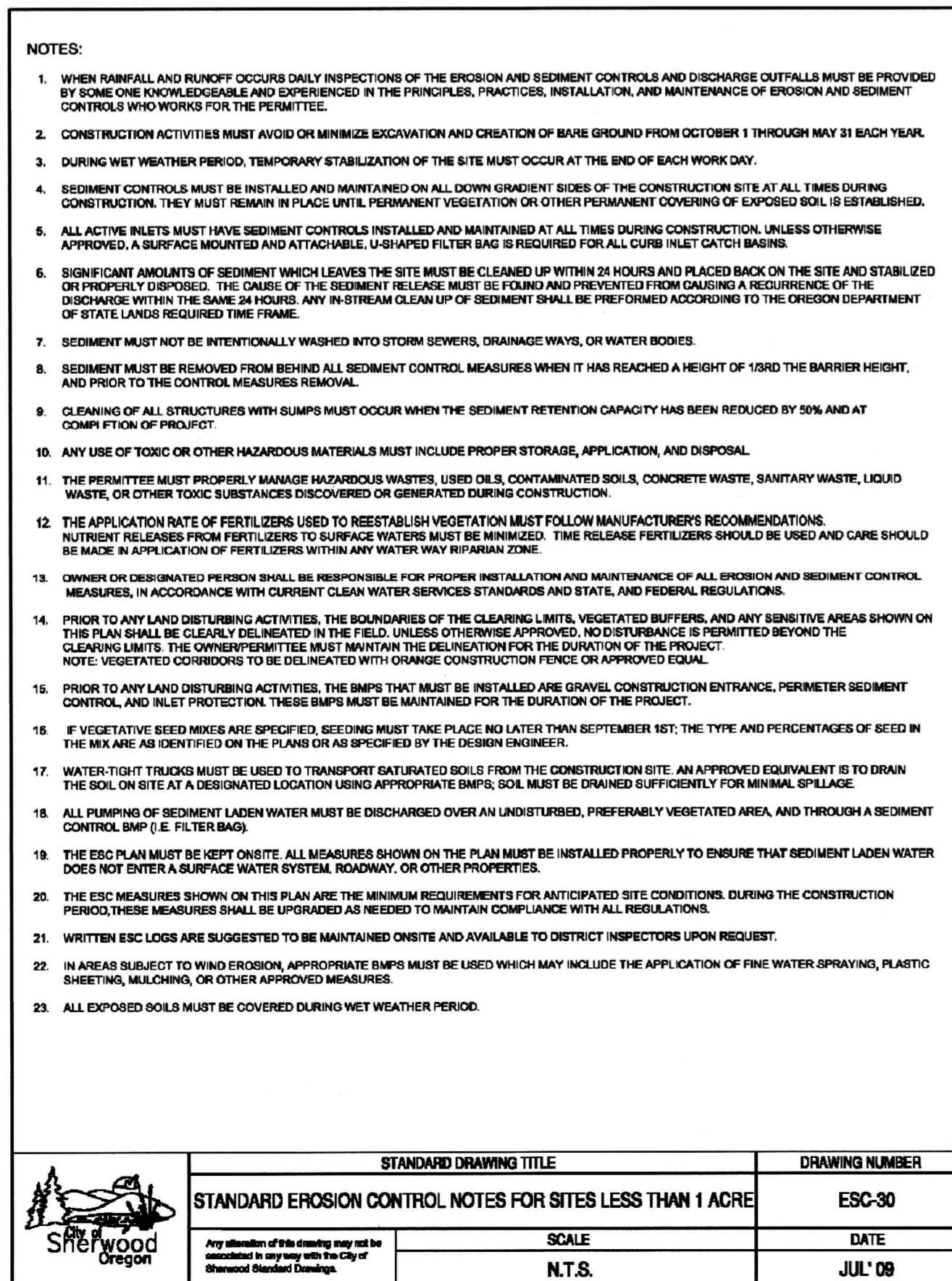
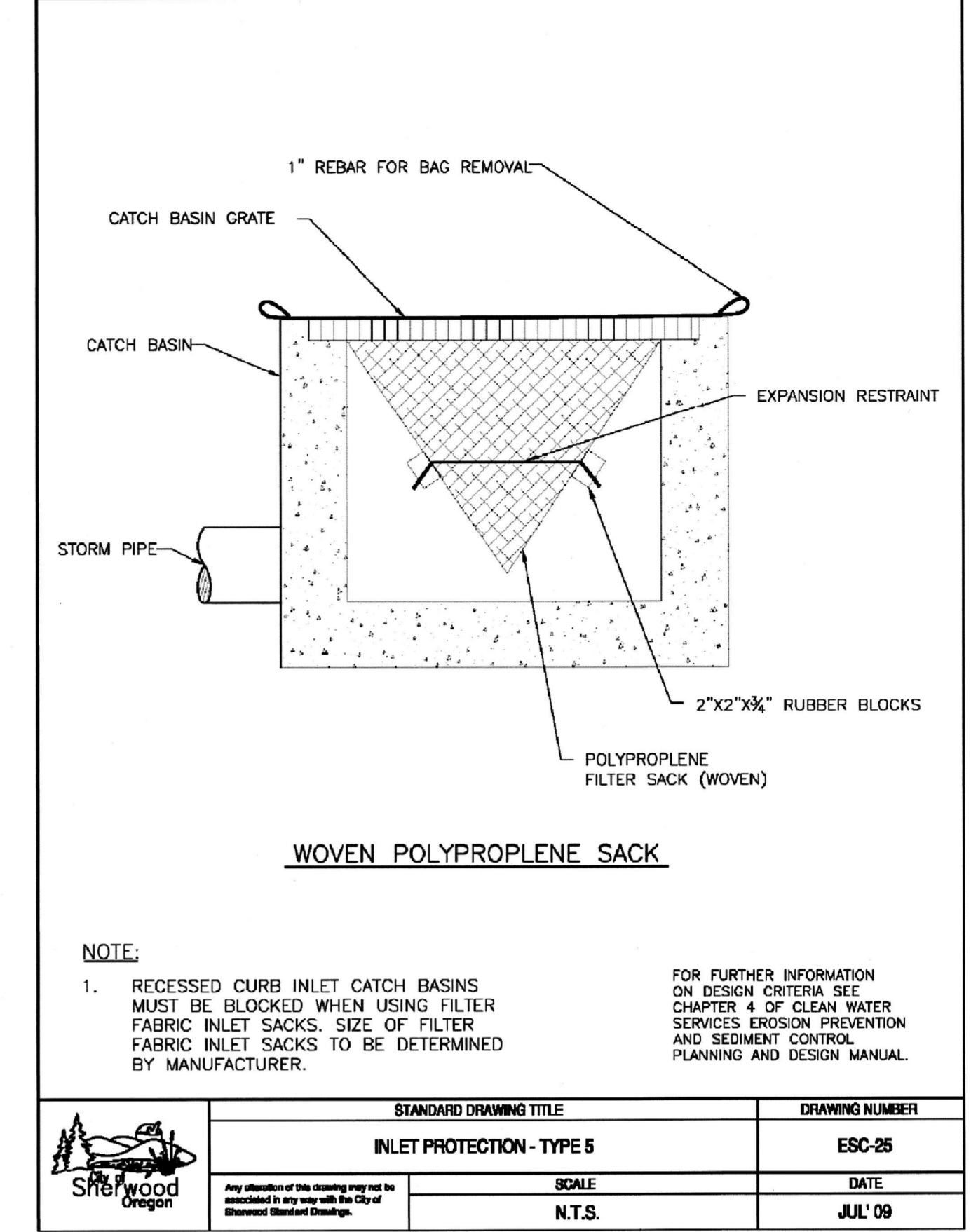
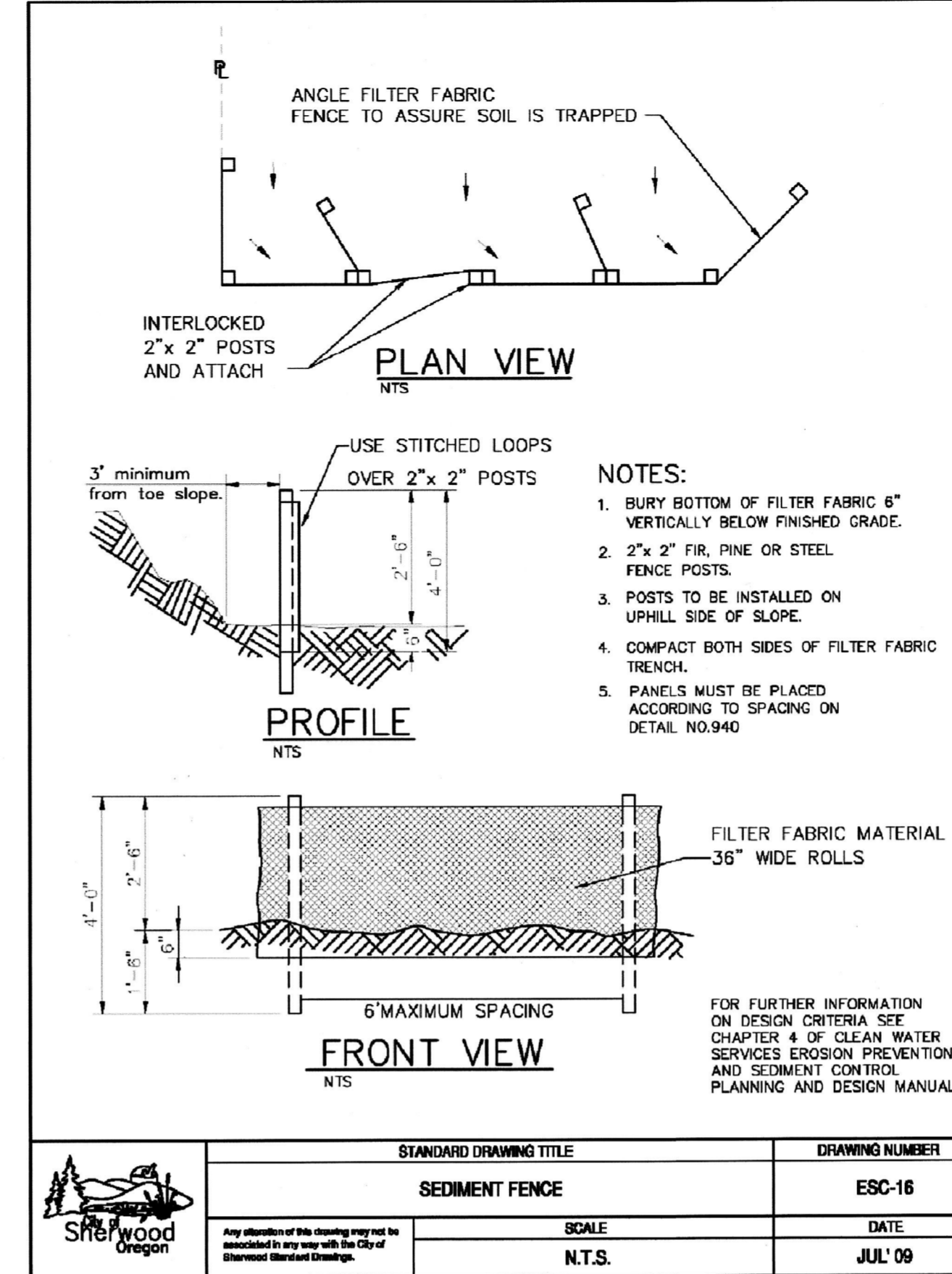
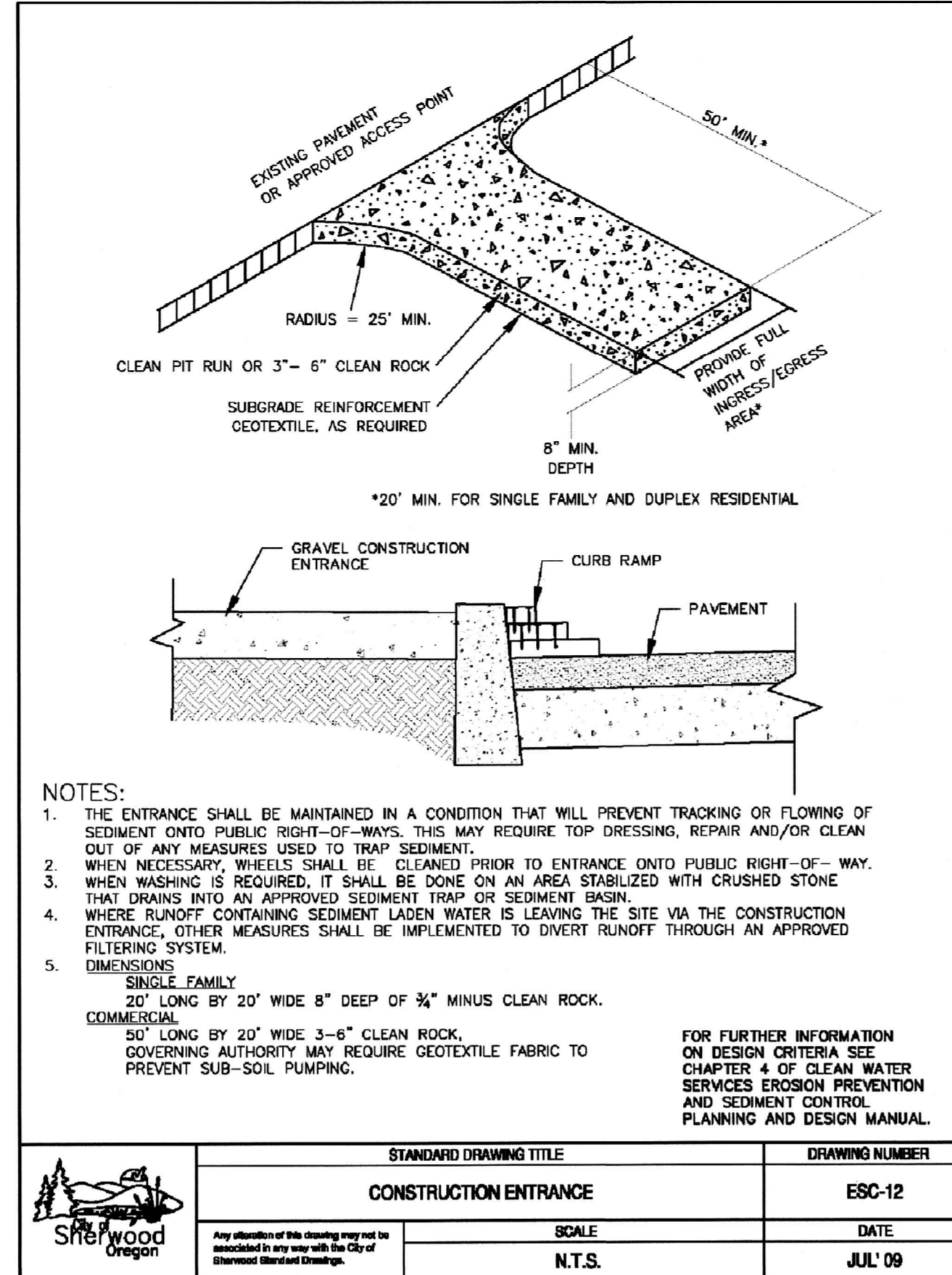
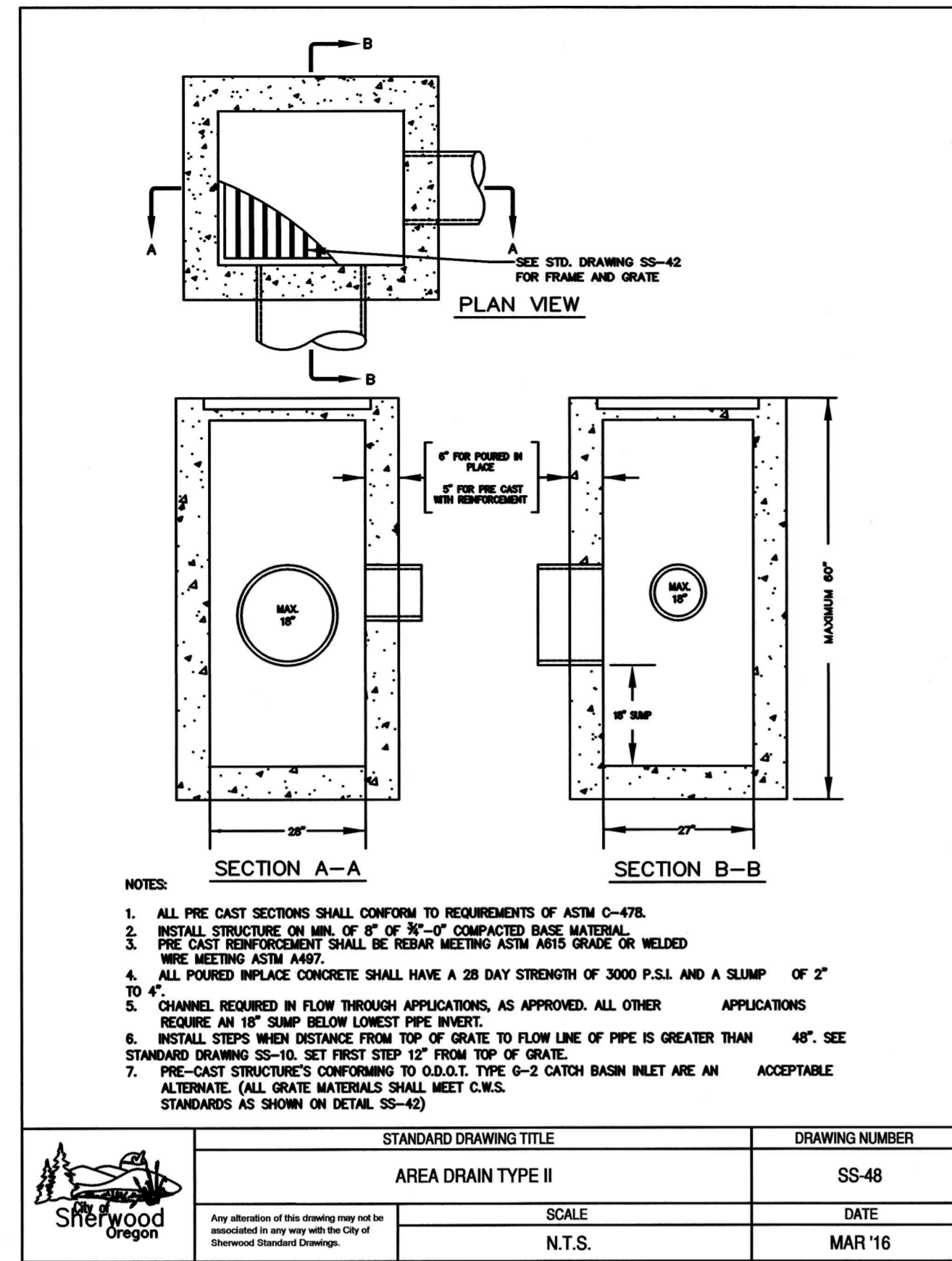
CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	AS
DRAWN BY:	AS
CHECKED BY:	RJB
FULL SIZE SCALE:	1"=10'
DATE:	OCTOBER 27, 2017
sheets_8089.dwg	

NO.	DATE	REVISIONS

JOB NO.	202
SHEET NO.	C13



DETAILS

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov

REGISTERED PROFESSIONAL ENGINEER
STATE OF OREGON
NO. 12345
ROBERT J. JENSEN
EXPIRES: 6-30-19

DESIGNED BY:	AGS
DRAWN BY:	AGS
CHECKED BY:	RAG
FULL SIZE SCALE:	1"=10'
DATE:	OCTOBER 27, 2017

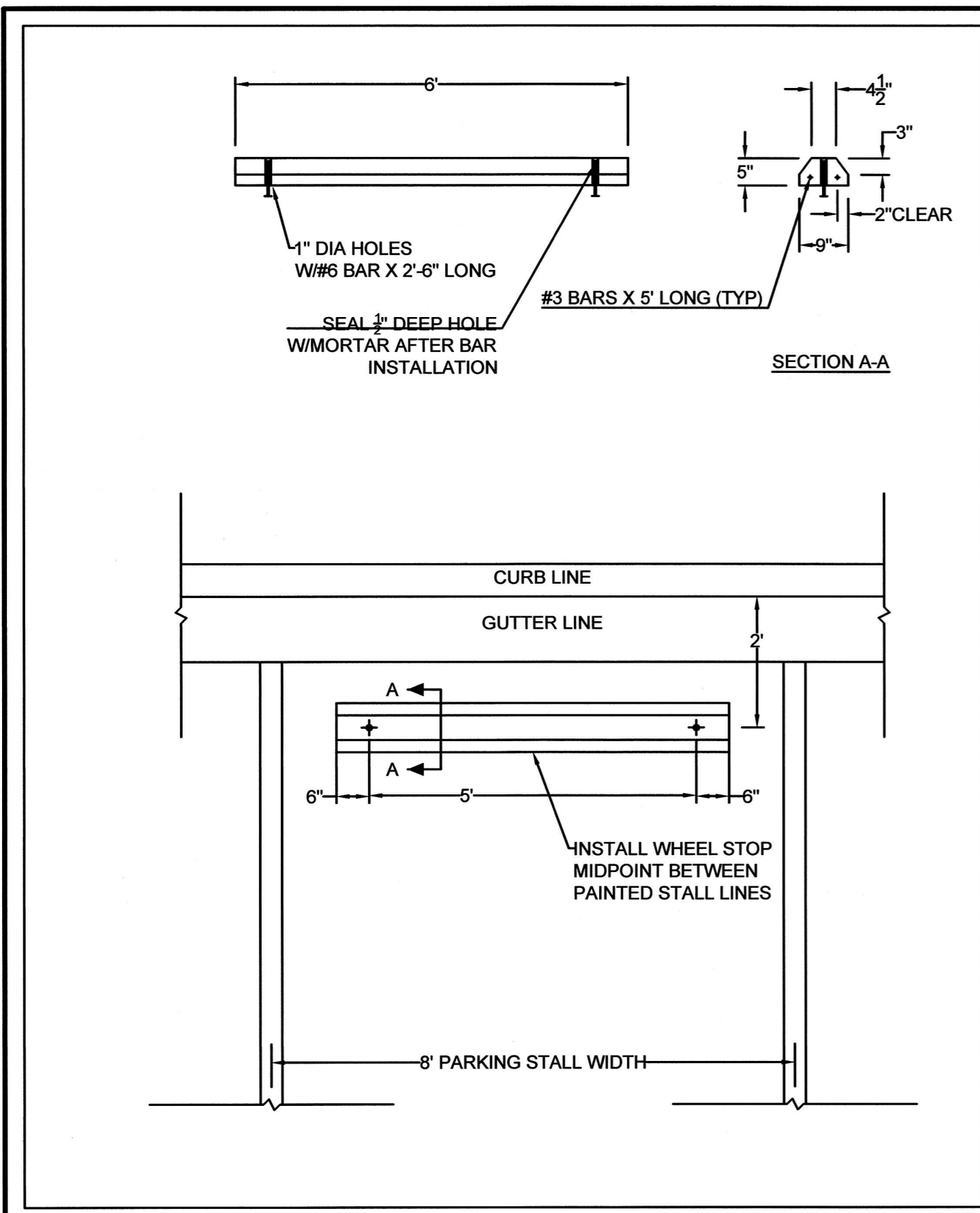
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REVISIONS

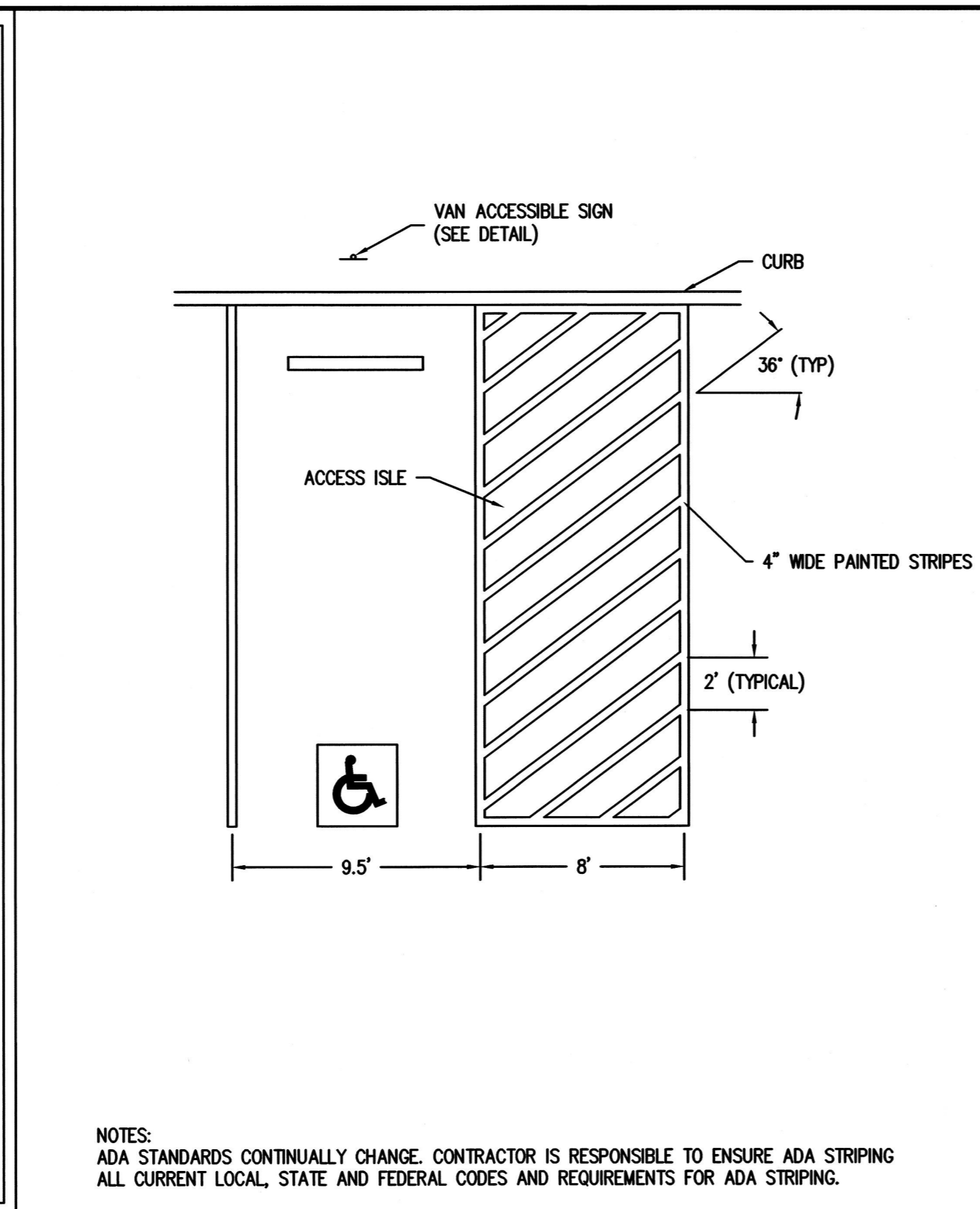
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JOB NO. **202**

SHEET NO. **C14**

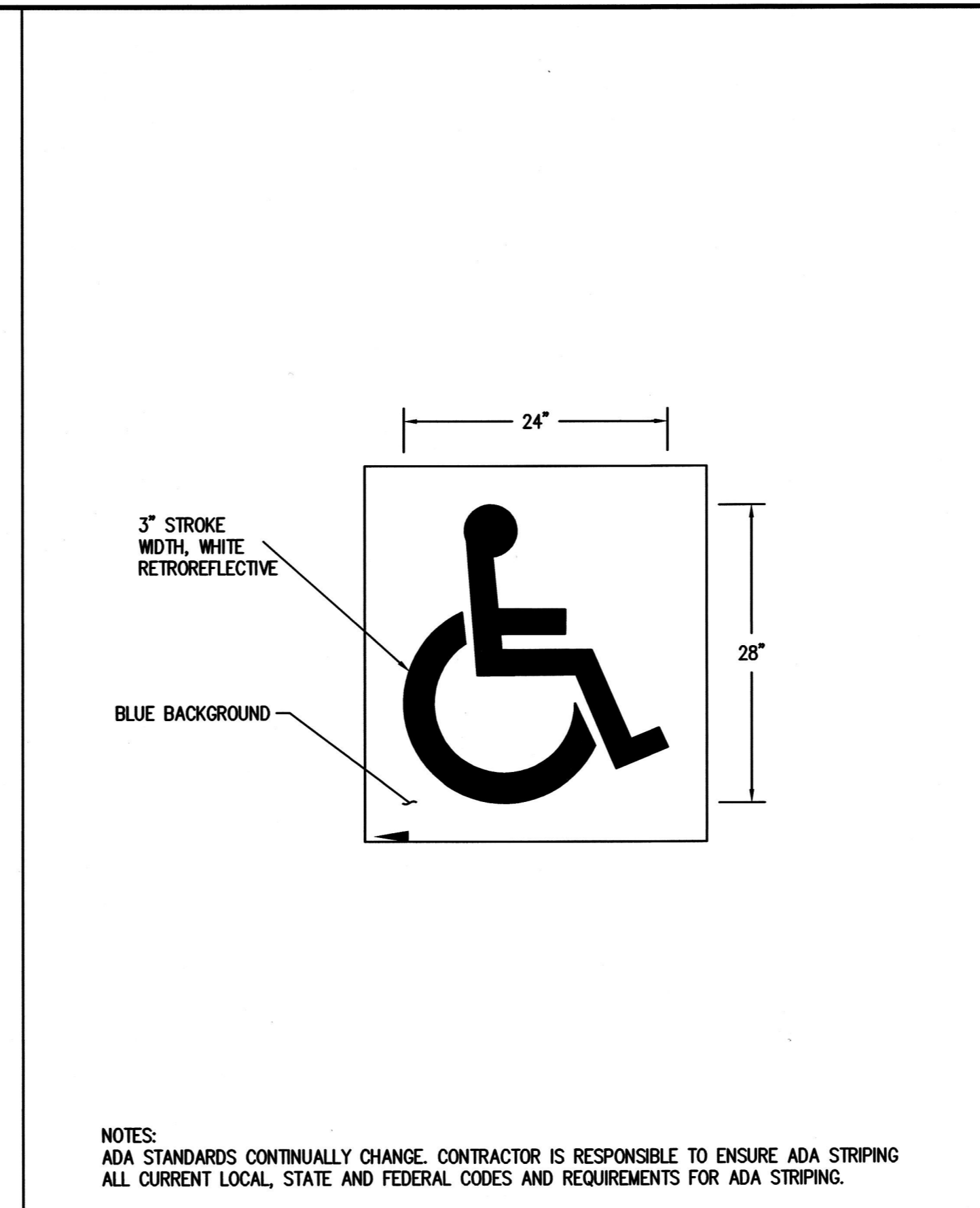


PARKING STALL WHEEL STOP DETAIL PD-5
NTS



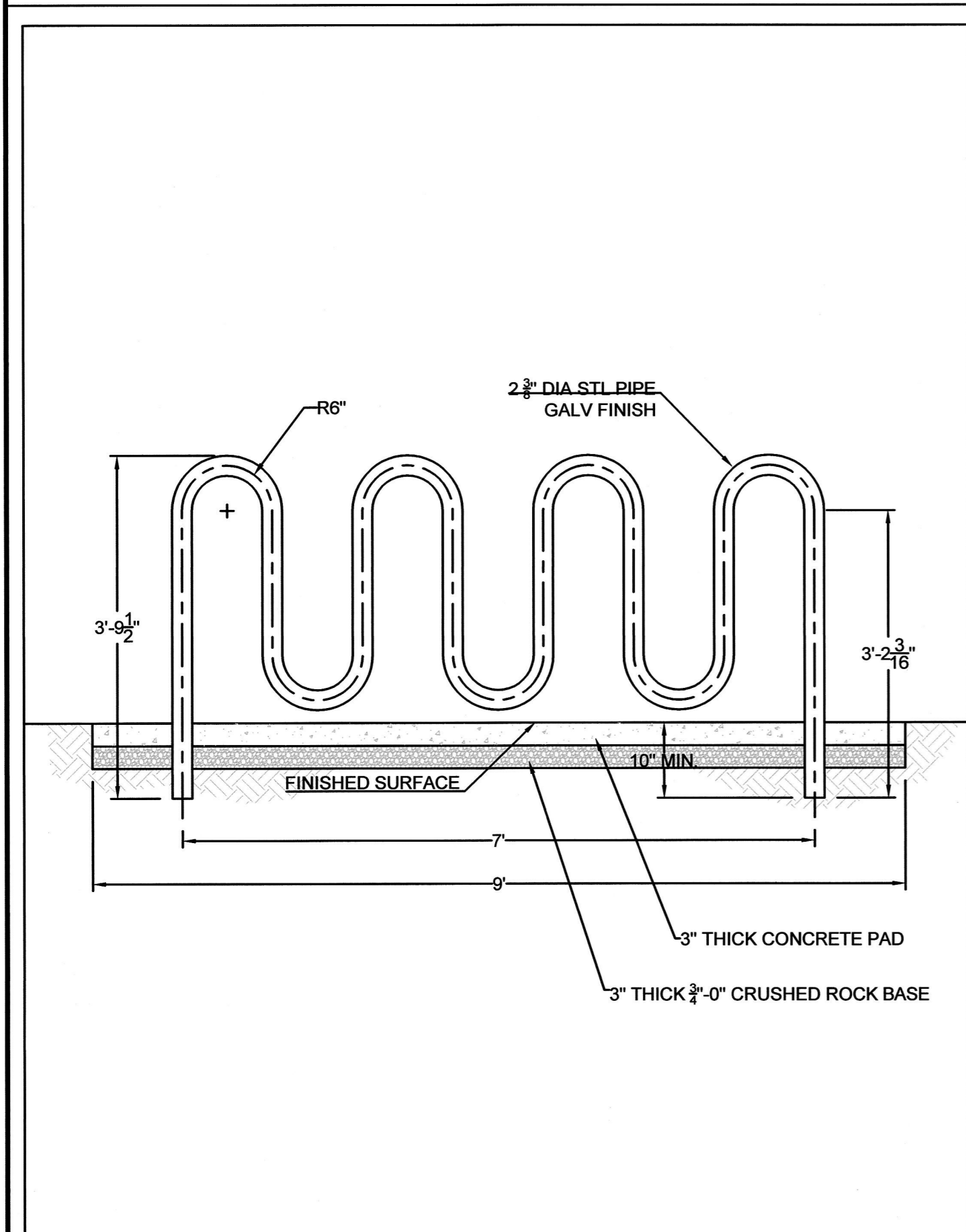
NOTES:
ADA STANDARDS CONTINUALLY CHANGE. CONTRACTOR IS RESPONSIBLE TO ENSURE ADA STRIPING ALL CURRENT LOCAL, STATE AND FEDERAL CODES AND REQUIREMENTS FOR ADA STRIPING.

ACCESSIBLE RAMP STRIPING DETAIL PD-3
NTS

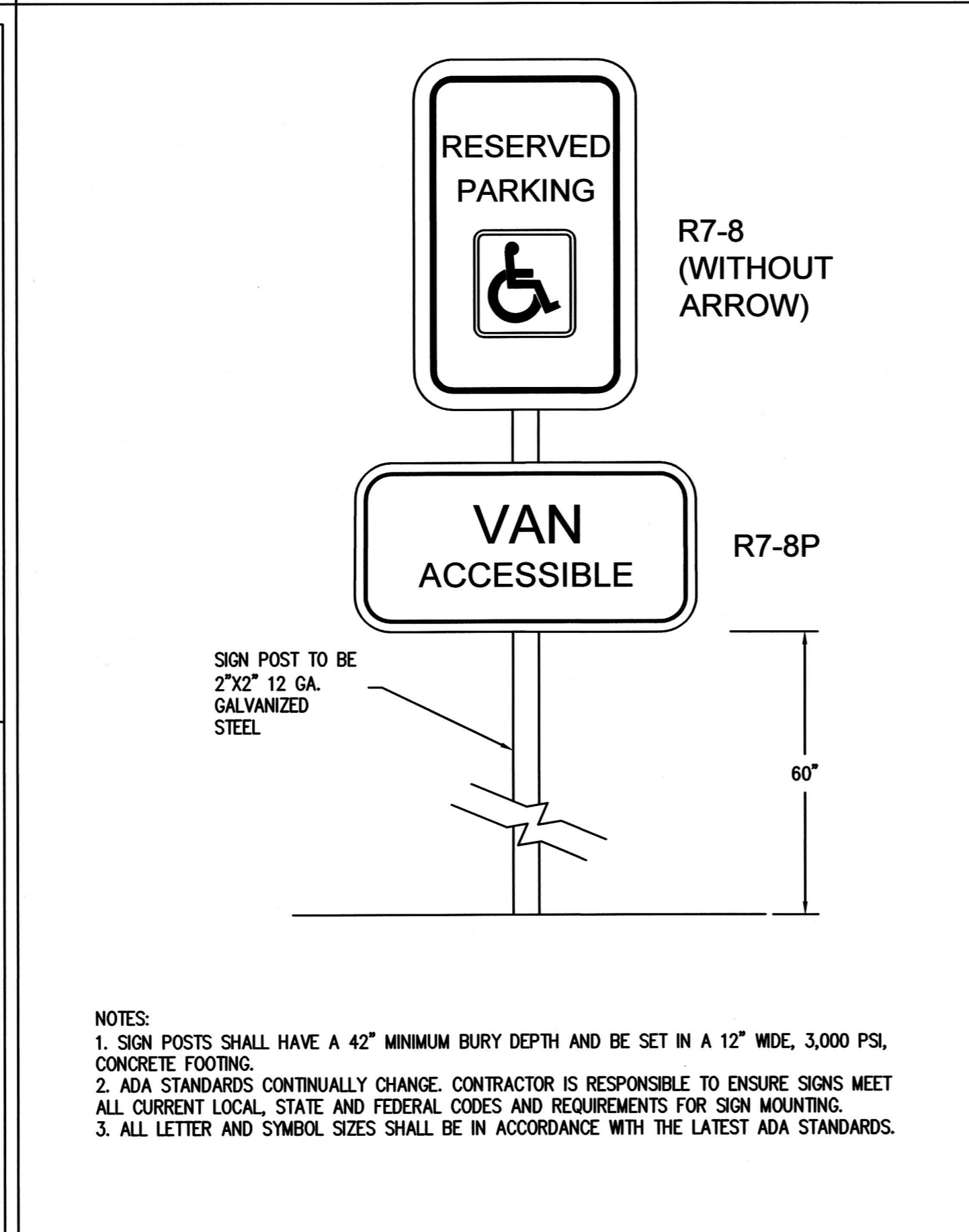


NOTES:
ADA STANDARDS CONTINUALLY CHANGE. CONTRACTOR IS RESPONSIBLE TO ENSURE ADA STRIPING ALL CURRENT LOCAL, STATE AND FEDERAL CODES AND REQUIREMENTS FOR ADA STRIPING.

ACCESSIBLE PARKING SPACE DETAIL PD-4
NTS



9 STALL BIKE RACK DETAIL PD-1
NTS



NOTES:
1. SIGN POSTS SHALL HAVE A 42" MINIMUM BURY DEPTH AND BE SET IN A 12" WIDE, 3,000 PSI, CONCRETE FOOTING.
2. ADA STANDARDS CONTINUALLY CHANGE. CONTRACTOR IS RESPONSIBLE TO ENSURE SIGNS MEET ALL CURRENT LOCAL, STATE AND FEDERAL CODES AND REQUIREMENTS FOR SIGN MOUNTING.
3. ALL LETTER AND SYMBOL SIZES SHALL BE IN ACCORDANCE WITH THE LATEST ADA STANDARDS.

ACCESSIBLE PARKING SIGN PD-2
NTS

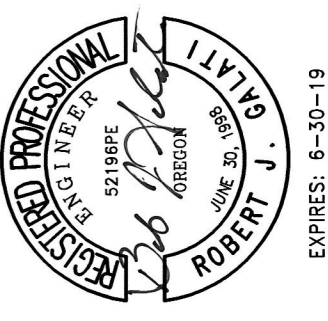
DETAILS

FIRST STREET PARKING LOT

LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
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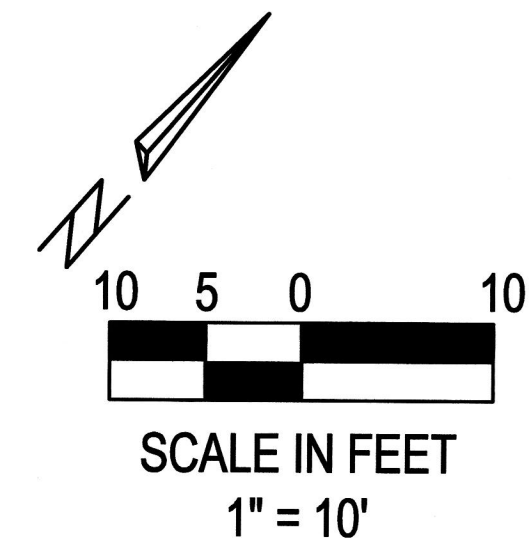
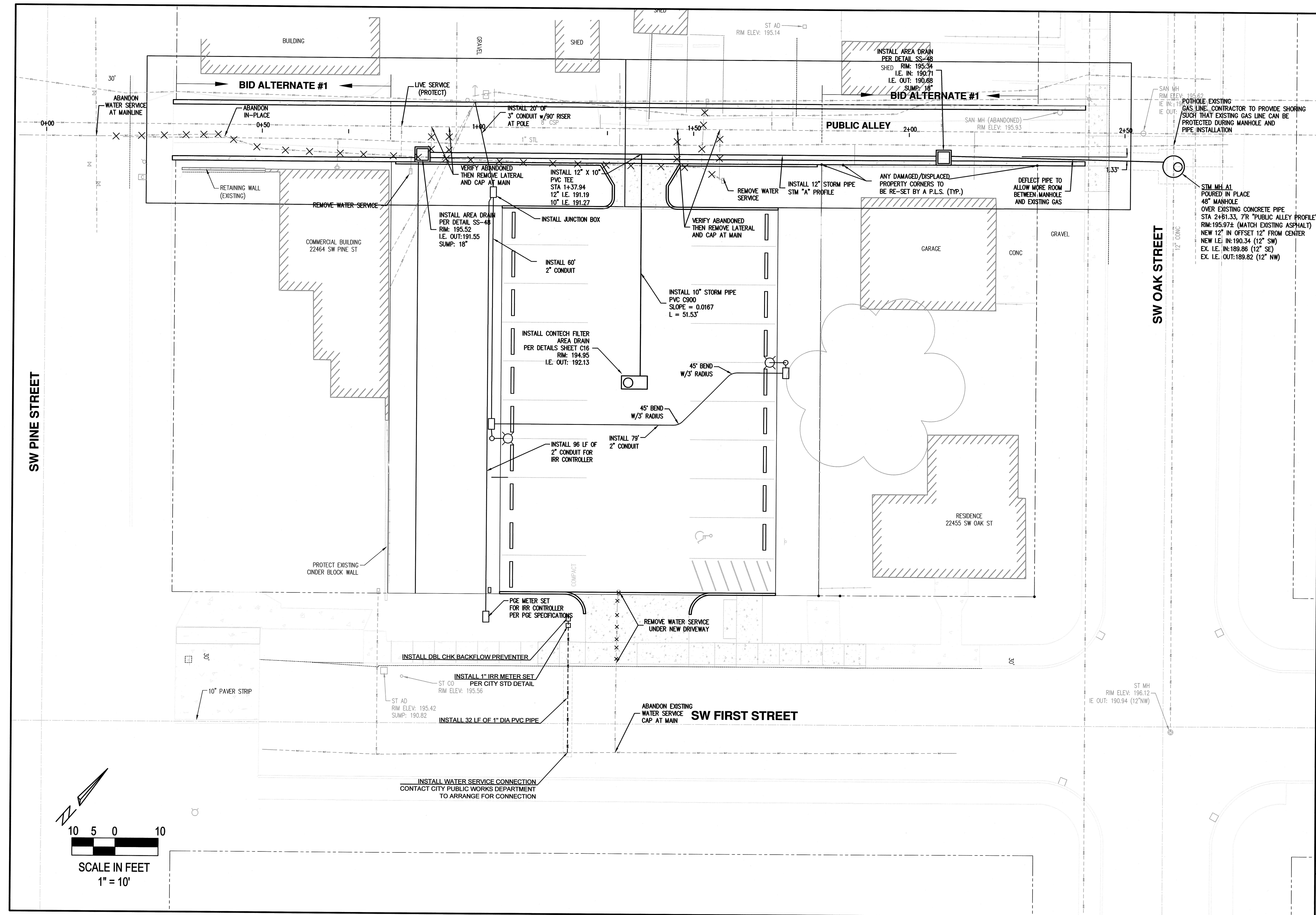


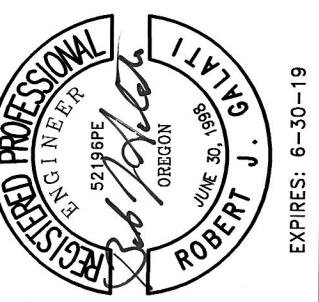
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DRAWN BY:	AGS
CHECKED BY:	R/G
FULL SIZE SCALE:	1"=10'
DATE:	OCTOBER 27, 2017
sheets_8089.dwg	

NO.	DATE	REVISIONS

JOB NO. 202

SHEET NO. C15



UTILITIES													
FIRST STREET PARKING LOT													
LOCATED IN SECTION 32BA, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON													
CITY OF SHERWOOD ENGINEERING DEPARTMENT 22560 SW PINE STREET SHERWOOD, OREGON 97140 PHONE: (503) 925-2309 E-MAIL: engineering@ci.sherwood.or.us													
													
DESIGNED BY: AGS DRAWN BY: AGS CHECKED BY: RUG FULL SIZE SCALE: 1"=10' DATE: OCTOBER 27, 2017 sheets_8086.org	REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>												
JOB NO. 202 SHEET NO. C17 OF 12													