



SCALE: 1" = 30' - 0"

**LOCATED IN:
SECTION 25, T.37S, R2W, W.M.
TAX LOT 15000
MEDFORD, OREGON**



LANDSCAPE ARCHITECT
ARKITEK
JANE ALEXANDER
426 A STREET
ASHLAND, OR 97520
541-591-9988

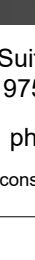
EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS ARE APPROXIMATED BASED ON MAPS OBTAINED FROM THE CITY OF MEDFORD PUBLIC WORKS, OR HAVE BEEN LOCATED BY A UTILITY LOCATE COMPANY. LAYOUT INDICATED IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. ALL LINES WITHIN PROJECTED WORK ZONE SHALL BE FIELD VERIFIED AS REQUIRED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL OBTAIN A BUILDING PERMIT FOR PRIVATE UTILITY CONSTRUCTION.

L0.01	LANDSCAPE SPECIFICATIONS
L0.02	LANDSCAPE SPECIFICATIONS
L2.01	PLANTING PLAN
L3.01	IRRIGATION PLAN



OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 1-800-522-2404. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION.

 POWELL engineering + consulting	
46 N. Front St., Suite 200 Medford, OR 97501 541.613.0723 phone www.powellingengineeringconsulting.com	
	
VERIFY SCALES ORIGINAL DRAWING BASE IS ONE INCH  IF NOT ONE FOOT ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
MEDFORD SCHOOL DISTRICT 549C WASHINGTON ELEMENTARY SCHOOL NEW PARKING LOT MAP 37-2W-25DC, TAX LOT 15000 610 S. PEACH ST., MEDFORD, OR 97504	
DATE:	
REVISION DESCRIPTION	
NO.	
DRAWN BY:	TDP
DESIGNED BY:	TDP
CHECKED BY:	TDP
ISSUE DATE:	02/09/26
LAND USE SET	
JOB NO.	CIVIL COVER SHEET
25-035	C0.0

Drawing Name: S:\Spec Shared - Documents\All Staff\Projects\Current\Projects\MSD WEB PL Drawings\CADD\WEB PL C1-C5.dwg Last Save: February 9, 2026 @ 12:42 AM Plot Date: February 9, 2026 10:51 AM By: Nancy

GENERAL NOTES

- WORK AND MATERIALS SHALL CONFORM TO THE PROVISIONS OF THE CURRENT "STANDARD SPECIFICATIONS FOR CONSTRUCTION", ODOT/AMERICAN PUBLIC WORKS ASSOCIATION (APWA), UNLESS OTHERWISE COVERED BY THE SPECIFICATIONS WRITTEN FOR THIS PROJECT OR THE CITY SPECIFICATIONS.
- ALL WORK PERTAINING TO THIS PROJECT SHALL BE SUBJECT TO INSPECTION BY THE PROJECT ENGINEER AND/OR CITY ENGINEER. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY AND PROJECT ENGINEER TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE.
- PRIOR TO ANY SITE DISTURBING ACTIVITY INCLUDING CLEARING, LOGGING OR GRADING, THE SITE BOUNDARIES & CLEARING LIMITS AS SHOWN ON THESE PLANS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR AND ALL ESC MEASURES SHALL BE INSTALLED AS IDENTIFIED ON THE EROSION & SEDIMENT CONTROL PLAN.
- A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- ALL SITE WORK IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, ENGINEER AND APPROPRIATE PUBLIC AGENCIES PRIOR TO PERFORMING THE CHANGES IN THE FIELD.
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATION SERVICE (DIAL 811) AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION. THE APPLICANT OR HIS REPRESENTATIVE AND THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF CONFLICTS EXIST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
- THE CONTRACTOR SHALL KEEP OFF-SITE STREETS CLEAN AT ALL TIMES BY SWEEPING. STREET WASHING WILL NOT BE ALLOWED WITHOUT PRIOR CITY APPROVAL.
- THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INITIATING WORK. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. REVISIONS SHALL BE FORMALLY APPROVED BY THE APPLICANT AND PROJECT ENGINEER PRIOR TO MAKING CHANGES IN THE FIELD.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY UTILITY RELOCATIONS WITH UTILITY COMPANIES.
- ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND.
- CONTRACTOR SHALL DOCUMENT AND RECORD FIELD CHANGES, PIPE INVERT, PIPE SLOPE, AND ANY OTHER CRITICAL AS-CONSTRUCT DATA. AS-BUILT DRAWINGS AND FINAL REPORTS WILL BE REQUIRED BEFORE FINAL APPROVAL.
- WORK IN CITY RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE LOCAL AUTHORITY.
- WORK IN ANY STATE RIGHT-OF-WAY REQUIRES A MISCELLANEOUS PERMIT FROM OREGON DEPARTMENT OF TRANSPORTATION.
- APPROVED PERMANENT TRAFFIC CONTROL SIGNS AND MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE INSTALLED PRIOR TO FINAL APPROVAL.
- DURING PROJECT CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY CONSTRUCTION SIGNS, TRAFFIC CONTROL SIGNS, DELINEATORS AND TEMPORARY MARKINGS AS REQUIRED.
- ACCESS BY EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- ALL CLEARED AND GRUBBED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED AT AN APPROVED LOCATION.
- ALL AREAS WITH ABANDONED UTILITY LINES, STORM DRAINS, UNDERGROUND TANKS, ETC. WHICH MAY PROVIDE VOID SPACE BENEATH THE SURFACE SHALL BE REMOVED. WHEN APPROVED BY THE ENGINEER THE VOID SPACE MAY BE FIELED WITH APPROVED MATERIAL. ALL TANKS OR HAZARDOUS MATERIALS SHALL BE DEALT WITH IN ACCORDANCE TO ALL LOCAL, STATE AND FEDERAL LAWS.
- PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY GRADES AT SAWCUT LOCATIONS AND MATCHING OF EXISTING GRADE LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ANY ASPHALT GRINDING, OVERLAY AND SLURRY SEAL. ALL SPECIFICATIONS SHALL COMPLY WITH ALL LOCAL AUTHORITY REQUIREMENTS.
- CONSTRUCTION SHALL CONFORM TO THE 2018 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PUBLISHED BY THE OREGON CHAPTER OF APWA, AND THE CURRENT AMENDMENTS OF THE APPROVING AGENCY.
- ALL CONCRETE SHALL BE 3300 PSI AT 28 DAYS UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN AND/OR MAINTAIN EXISTING PUBLIC STREETS OF SOIL OR OTHER DEBRIS DEPOSITED BY CONSTRUCTION OPERATIONS AND REPAIR ALL STREETS DAMAGED BY CONSTRUCTION OPERATIONS IN A TIMELY MANNER TO AVOID INCONVENIENCES OR HAZARDS TO THE PUBLIC.
- CONTRACTOR SHALL NOTIFY OREGON UTILITY NOTIFICATION CENTER AT 1-800-332-2344, AND THE CITY OF MEDFORD ENGINEERING DEPARTMENT 48 HOURS PRIOR TO BEGINNING WORK.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE PRE-QUALIFIED WITH THE CITY OF MEDFORD PRIOR TO ANY CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND SECURE APPROVAL OF THE PLAN FROM THE AGENCY AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL NOT PERFORM WORK WITHOUT AGENCY INSPECTIONS WHERE INSPECTIONS ARE REQUIRED BY THE SPECIFICATIONS.
- WHERE CONNECTING TO AN EXISTING PIPE, THE CONTRACTOR SHALL EXPOSE THE END OF THE EXISTING PIPE AND ALLOW THE ENGINEER TO VERIFY EXACT LOCATION AND ELEVATION BEFORE LAYING ANY NEW PIPE ON THAT SYSTEM.
- REQUESTS BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY THE CONSULTING ENGINEER AND THE AGENCY'S ENGINEER BEFORE CHANGES ARE IMPLEMENTED.
- WHEN PERFORMING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ORS 757.541 TO 757.571, WHICH INCLUDE REQUIREMENTS THAT THE CONTRACTOR HAND-EXPOSE (POTHOLE) UNDERGROUND FACILITIES AND USE REASONABLE CARE TO AVOID DAMAGING THEM.
- PLACEMENT OR STORAGE OF SPOILS FROM THE SEWER LINE TRENCHES IS NOT PERMITTED ON HARD SURFACE STREETS WITHIN PUBLIC RIGHT-OF-WAY. SPOILS STORED IN OTHER RIGHT-OF-WAY AREAS SHALL BE COVERED TO PREVENT EROSION.
- FORMS OF ADEQUATE SIZE AND CONFIGURATION TO MEET CONCRETE THICKNESS REQUIREMENTS SHALL BE USED AROUND OUTSIDES OF OUTSIDE-DROP MANHOLES.
- GRANULAR MATERIALS SHALL BE OBTAINED FROM A SOURCE APPROVED BY THE CITY OF MEDFORD. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF THE MATERIAL.

ADA NOTES

- ALL ADA ACCESSIBLE FACILITIES SHALL BE INSTALLED PER THE CURRENT ADA REQUIREMENTS AND SHALL COMPLY WITH 405 ANSI ICC A117.1.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE ACCESSIBLE PATH OF TRAVEL AND ACCESSIBLE PARKING STALLS AND ACCESS AISLES COMPLIES WITH AMERICAN DISABILITIES ACT AND ALL LOCAL CODES.
- THE ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX SLOPE, OR VERTICAL CHANGES NOT EXCEEDING 3/4" MAX AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE NOTED.
- ALL ADA PARKING STALLS AND ACCESS AISLES SHALL BE CONSTRUCTED WITH A SLOPE NOT TO EXCEED 1.5% IN ANY DIRECTION. PARKING STALLS AND ACCESS AISLES WITH AS-BUILT SLOPES EXCEEDING 2.0% IN ANY DIRECTION WILL NOT PASS FINAL INSPECTION.
- IF SPOT ELEVATIONS ON PLANS ARE NOT CONSISTENT WITH THESE ADA REQUIREMENTS, NOTIFY ENGINEER OF RECORD PRIOR TO PLACEMENT OF ACCESSIBLE ROUTE

GRADING NOTES

- DEQ 1200-C PERMIT IS NOT REQUIRED.
- UNLESS DIRECTED OTHERWISE, REMOVE CLEARED AND GRUBBED MATERIAL FROM THE SITE AND DISPOSE AT AN APPROVED LOCATION.
- PRIOR TO THE START OF CONSTRUCTION, VERIFY GRADES AT SAWCUT LOCATIONS AND MATCHING OF EXISTING GRADE LOCATIONS.
- MINIMIZE TRAFFIC ON SOIL AREAS DURING WET WEATHER. IF THE SITE SOILS ARE EXPOSED DURING WET WEATHER, THE USE OF CRUSHED ROCK PLACED AS ENGINEERED FILL IN THE BOTTOM OF THE EXCAVATIONS MAY BE NECESSARY TO PROTECT THE SUBGRADE. TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EROSION AND RUNOFF.
- UNLESS OTHERWISE NOTED, THE SAMPLING AND TESTING OF MATERIALS FOR USE ON THE JOBSITE SHALL BE AT THE EXPENSE OF THE CONTRACTOR. ALL TESTING OF MATERIALS AND WORKMANSHIP SHALL BE PERFORMED BY A CERTIFIED TESTER. RESULTS OF THE TESTS SHALL BE SENT DIRECTLY TO THE PROJECT ENGINEER AS WELL AS THE CONTRACTOR, BY THE LABORATORY. LOCATION AND FREQUENCY OF TESTS SHALL BE DESIGNATED BY THE GENERAL CONTRACTOR.
- ALL CUT AND FILL SLOPES SHALL BE MAXIMUM OF 2:1.

STORM DRAIN NOTES

- ALL STORM SEWER PIPE SHALL MEET THE OREGON STATE PLUMBING SPECIALTY CODE.
- ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE PROJECT ENGINEER THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH A GRAVEL MATERIAL TO SUPPORT THE PIPE.
- THE BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE IN LAYERS WITH A LOOSE AVERAGE DEPTH OF 6". MAXIMUM DEPTH 6'-9". THOROUGHLY TAMPING EACH LAYER. THESE COMPACTED LAYERS MUST EXTEND FOR ONE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. MATERIALS TO COMPLETE THIS FILL OVER PIPE SHALL BE THE SAME AS DESCRIBED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET, AND CATCH BASIN FRAMES AND GRATES TO GRADE. JUST PRIOR TO PAVING, MANHOLE GRATE SLOPES SHALL MATCH SLOPE OF FINISHED GRADE ASPHALT.
- CULVERT ENDS AT OUTFALLS SHALL BE BEVELED TO MATCH SIDE SLOPES. FIELD CUT OF CULVERT ENDS IS PERMITTED WHEN APPROVED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE. CULVERT OUTFALLS SHALL BE RIP RAPPED WITH A PAD MINIMUM OF 12" THICK, EXTENDING MINIMUM OF 6' FROM DISCHARGE POINT.
- ALL STEEL PIPES, CULVERTS, TANKS AND OTHER STEEL PARTS OF ANY STORM DRAINAGE SYSTEM SHALL BE GALVANIZED OR HAVE A TREATMENT 1 ASPHALT COATING OR BETTER AS SPECIFIED IN THE ODOT STANDARD SPECIFICATIONS. ALUMINUM AND CONCRETE PIPES AND STRUCTURES DO NOT REQUIRE A TREATMENT 1 COATING.
- STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED PRIOR TO CITY ACCEPTANCE.
- ALL PIPES SHALL HAVE A MINIMUM OF 18" COVER AT THE TOP OF THE BELL, OR SHALL HAVE MINIMUM COVER PER THE MANUFACTURER'S SPECIFICATIONS, WHICHEVER IS GREATER.
- CATCH BASIN STATIONS AND OFFSETS ARE MEASURED TO CENTER OF GRATE.
- 100-FT MAX LINEAR RUN BETWEEN CLEANOUTS. 135" MAX AGGREGATE HORIZONTAL CHANGE IN DIRECTION WITHOUT CLEANOUT.

CONCRETE NOTES

- PROVIDE A MINIMUM 8" TRANSITION SECTION WHEN JOINING CURBS OF DIFFERENT CROSS SECTIONS.
- CONCRETE SHALL NOT BE PLACED UNTIL FORMS HAVE BEEN INSPECTED AND APPROVED.
- CONCRETE SHALL BE COMMERCIAL GRADE RETAINING THE FOLLOWING CHARACTERISTICS: ENTRAINED AIR – 4.0% TO 7.0%; SLUMP – 5 INCHES OR LESS; COMPRESSIVE STRENGTH – MINIMUM 3,300 PSI AT 28 DAYS; TEMPERATURE – MINIMUM 50°F TO MAXIMUM 90°F.
- ALL CONCRETE STRUCTURES REINFORCED WITH REBAR SHALL BE VIBRATED TO REMOVE VOIDS.
- SURFACE SHALL HAVE A FINISHED TEXTURE THAT WILL NOT BE SLICK WHEN WET (MEDIUM BROOM FINISH). CURING COMPOUND MAY BE APPLIED IMMEDIATELY AFTER CONCRETE IS FINISHED. WHITE PIGMENT RECOMMENDED, CLEAR ACCEPTABLE.
- AN EDGING TOOL SHALL BE USED ON ALL EDGES AND JOINTS.
- PROVIDE CONTRACTION JOINTS AT 15' INTERVALS AND "DUMMY" TOOLED JOINTS AT 5' INTERVALS ON CURBS, SIDEWALKS AND APPROACHES. CONTRACTION JOINT GROOVES SHALL BE AT MINIMUM, 1 1/2" DEEP OR ONE-THIRD THE THICKNESS OF THE CONCRETE.
- PROVIDE EXPANSION JOINTS OPPOSITE ABUTTING EXPANSION JOINTS IN ABUTTING CONCRETE, AT EACH POINT OF TANGENCY IN THE STRUCTURE ALIGNMENT, BETWEEN DRIVEWAYS AND CONCRETE PAVEMENT, AROUND POLES, POSTS, BOXES AND OTHER FIXTURES WHICH PROTRUDE THROUGH OR AGAINST THE STRUCTURES, AT ALL BOR'S AND ECR'S, AT MAXIMUM OF 100' INTERVALS. EXPANSION JOINT MATERIAL SHALL BE OF THE BITUMINOUS, REFORMED FILLER TYPE NOT LESS THAN 1/2" WIDE, PLACED FLUSH OR NO MORE THAN 1/8" BELOW THE CONCRETE SURFACE.
- STRAIGHT LINE EDGES SHALL NOT VARY MORE THAN 1/4" UNDER A TWELVE-FOOT STRAIGHT EDGE.
- CURE AND PROTECT CONCRETE AFTER PLACING AND FINISHING. KEEP STRUCTURES FREE FROM CONTACT, STRAIN AND PUBLIC TRAFFIC FOR AT LEAST SEVEN DAYS OR LONGER AS DIRECTED. MIXES TO EXPEDITE CURING MAY BE USED WITH APPROVAL OF CITY ENGINEER.
- CONCRETE SHALL BE REMOVED TO THE NEAREST CONTRACTION JOINT, COLD JOINT OR CRACK WITHIN 4' OF THE REPLACEMENT AREA. CONCRETE SHALL BE SAW CUT WITH A SMOOTH, UNIFORM JOINT PROVIDED.
- EXISTING A/C SHALL BE REMOVED/REPLACED ALONG ENTIRE CURB SECTION TO A MINIMUM 18" WIDTH UNLESS APPROVED BY ENGINEER OF RECORD.

LEGEND:

	EXIST. FIRE HYDRANT
	EXIST. WATER VALVE
	EXIST. BLOW OFF
	EXIST. WATER METER
	EXIST. HOSE BIB
	EXIST. IRRIGATION VALVE
	EXIST. AIR RELEASE VALVE
	EXIST. STORM DRAIN MANHOLE
	EXIST. CLEANOUT
	EXIST. SANITARY SEWER MANHOLE
	EXIST. MAILBOX
	HANDICAP PARKING SYMBOL
	PARALLEL PARKING STRIPING
	BICYCLE LANE SYMBOL
	EXIST. SANITARY SEWER
	EXIST. STORM DRAIN
	EXIST. WATER
	EXIST. FIRE SERVICE LINE
	EXIST. IRRIGATION
	EXIST. GAS
	EXIST. ELECTRIC
	EXIST. OVERHEAD POWER
	EXIST. TELEPHONE
	EXIST. FIBER OPTIC
	EXIST. CURB AND GUTTER
	EXIST. CENTERLINE
	EXIST. RIGHT OF WAY
	EXIST. CONTOUR
	PROPOSED CONTOUR
	SANITARY SEWER
	STORM DRAIN
	FIRE SERVICE LINE
	WATER
	PUBLIC WATER LINE
	IRRIGATION
	GAS
	ELECTRIC
	PRIMARY ELECTRIC
	SECONDARY ELECTRIC
	FIBER OPTIC LINE
	CURB AND GUTTER
	PROPOSED RIGHT OF WAY
	FLOW LINE
	PROPERTY LINE

RVSS GENERAL NOTES

CONSTRUCTION NOTES AND MATERIAL SPECIFICATIONS FOR STORMWATER FACILITIES

GENERAL STORMWATER CONSTRUCTION NOTES

- All Stormwater facilities must be constructed per the Design Manual, or as approved by the local jurisdiction.
- Call the reviewing agency 48 hours in advance of constructing this facility so construction observation may be performed to identify variations in the field that may affect design and verify proper construction.
- For infiltration facilities, exposed facility subgrade shall be fenced to prohibit impacts from construction (including materials and equipment storage). If unprotected subgrade has been exposed to rainfall, scarify the surface to a depth of 4 inches to restore filtration capacity.
- Placement of amended native or imported soil mix shall occur as follows:
 - Conduct excavation, fine grading and placement work only when the facility and soil to be placed is dry. Do not place if soil is saturated.
 - Place soil in 8 inch maximum lifts.
 - Lightly compact each lift, (e.g. a water filled landscape roller) to achieve 85% compaction. Do not compact with heavy machinery or vibratory compaction.
- All ground within the facility must be stabilized with one of the options below, also see Material Specifications for Stormwater Facilities.
 - Hydroseeding** - Hydroseeding with tackifier.
 - Matting** - Matting shall be used to hold the soil in place until vegetation becomes established. If hand seeding, place seed and then install erosion control matting. If planting, install erosion control matting and then install plants through the matting. Matting is not required on slopes 4H:1V or shallower, or on slopes that have been hydroseeded. Matting must be biodegradable.
 - Mulch** - Mulch is not allowed below the water quality ponding depth or within the flow path of an inlet or outfall. Mulch shall be spread over bare soil or in a ring around plants. Ensure that mulch does not touch plant stems.
- If soil is placed during the wet season the facility must be stabilized within one week of soil installation.

CONSTRUCTION NOTES FOR VEGETATED STORMWATER BMPS

- Build and vegetate as early as possible to establish plantings prior to directing stormwater runoff to the BMP.
- Contact approving jurisdiction 48 hours in advance of planting so that the jurisdiction can review soil installation and plant placement prior to plant installation.

CONSTRUCTION NOTES FOR PERVIOUS SURFACE STORMWATER BMPS

- Contact the approving agency 48 hours prior to placing geotextile fabric. The approving agency may call the engineer of record in advance of constructing this facility so construction observation may be performed to identify variations in the field that may affect design and verify proper construction.

MATERIAL SPECIFICATIONS FOR STORMWATER FACILITIES

- Growing media must be Imported Planting Soil or Amended Native Soil at the depths shown on the Standard Drawings and meet the following specifications:
 - Imported Water Quality Mixture** - Is based on the ODOT "Water Quality Mixture" 01012, and shall be comprised of soil meeting the gradation in the table below and compost meeting ODOT Standard Specification Section 03020.

Soil Gradation Requirements		
sieve Size	Percent Passing (by Weight)	
No. 4	100	
No. 10	85 - 100	
No. 40	40 - 60	
No. 100	10 - 25	
No. 200	5 - 10	

Mix the soil and compost so the Imported **Water Quality Mixture**:

- Is comprised of between 20%-25% compost and between 75%-80% soil.
- Has a pH between 5.5 and 8.0.
- Does not have clumps greater than 3 inches in any direction.
- Amended Native Soil** - Add compost so that the top 18 inches is roughly 30% compost meeting ODOT Standard Specification Section 03020.
 - The approving jurisdiction may request evidence that the Amended Native Soil or Imported Water Quality Mixture meets specification prior to placement. If requested, test data for the soil mix shall be provided by an accredited laboratory with current certification. The date of the analyses must be no more than 90 days prior to submittal. The report must include the following:
 - Name and address of the laboratory
 - Phone, contact and email address of the laboratory
 - Test data, including date and name of the test procedure
 - Source of the topsoil

- Mulch shall be a 2 inch thick layer of dye, pesticide, and weed free shredded wood chips or coarse compost.

- Stormwater facility geotextiles shall be ODOT Drainage Geotextiles Type 1, non-woven, per Standard Specification Section 03020. Geotextile under the road base in 4.5.3 shall be Subgrade Geotextile meeting ODOT Standard Specification Section 02220.

- Impermeable liners may be a 30 mil (minimum) low density polyethylene (ldpe), 30 mil (minimum) ethylene propylene diene monomer (epdm) or bentonite clay mat per manufacturer guidance.
 - Stormwater facilities with liners that are planted with shrubs must have 24 inches of imported soil.

- Unless otherwise approved, rock for Pervious Surface BMP's and Stormwater Facilities shall be crushed rock per ODOT Standard Specification Sections 04030.11 (Granular Drain Backfill Material) or 02690.20 (Course Aggregate) and meet the following gradations:

Sieve Size	Percent Passing (by weight)			
	Granular Drain Backfill	Granular Drain Backfill	Course Aggregate	30" - No. 8
1 1/2"	100	100	100	100
3/4"	85 - 100	85 - 100	85 - 100	85 - 100
1/2"	6 - 16	6 - 16	6 - 16	6 - 16
3/8"	0 - 5	0 - 5	0 - 5	0 - 5
No. 4	0 - 5	0 - 5	0 - 5	0 - 5
No. 10	0 - 5	0 - 5	0 - 5	0 - 5
No. 16	0 - 5	0 - 5	0 - 5	0 - 5

ABBREVIATIONS:

AC	ASPHALT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN STANDARD TEST METHOD
AWWA	AMERICAN WATER WORKS ASSOCIATION
BC	BACK OF CURB
BR	BOTTOM OF RAMP
BS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT RISER
C	CONCRETE
DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY
DIP	DUCTILE IRON PIPE
DWG	DRAWING
(E)	EXISTING
EG	EXISTING GRADE
EOC	EDGE OF CONCRETE
EOP	EDGE OF PAVEMENT
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOW LINE
G	GAS
GB	GRADE BREAK
GC	GENERAL CONTRACTOR
GRD	GROUND
GRVL	GRAVEL
HDPE	HIGH-DENSITY POLYETHYLENE
HP	HIGH POINT
IE	INVERT ELEVATION
LP	LOW POINT
MAX	MAXIMUM
ME	MATCH EXISTING
MIN	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
(N)	NEW
NAVD	NORTH AMERICAN VERTICAL DATUM
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
P	PROPOSED
PERF	PERFORATED PIPE
PLY	PLAYGROUND SURFACE
PVC	POLYVINYL CHLORIDE
PVR	PAVER
RCP	REINFORCED CONCRETE PIPE
RE	RIE ELEVATION
REQ'D	REQUIRED
ROW	RIGHT-OF-WAY
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SDE	STORM DRAINAGE EASEMENT
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
SW	SIDEWALK
TBR	TO BE REMOVED
TC	TOP OF CURB
TR	TOP OF RAMP
TOW	TOP OF WALL
TYP	TYPICAL
UPC	UNIFORM PLUMBING CODE
W	WATER

STRIPING NOTES

- ALL STRIPING AND SIGNAGE SHALL BE PER MUTCD STANDARDS OR AS DIRECTED BY THE LOCAL AUTHORITY.
- ALL STRIPING AND MARKINGS INSIDE PUBLIC RIGHT OF WAY SHALL BE PER LOCAL AUTHORITY STANDARDS.
- ALL STRIPING SHALL MEET ADA REQUIREMENTS.



Know what's below.
Call before you dig.

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EXPIRES: 12/31/26

VERIFY SCALES
ORIGINAL DRAWING
SHEET ADJUST SCALES
ACCORDINGLY

MEDFORD SCHOOL DISTRICT 549C
WASHINGTON ELEMENTARY SCHOOL
NEW PARKING LOT
MAP 37-2W-25DC, TAX LOT 15000
610 S. PEACH ST., MEDFORD, OR 97504

DATE					
REVISION DESCRIPTION					
NO.					
DRAWN BY:	TDP				
DESIGNED BY:	TDP				
CHECKED BY:	TDP				
ISSUE DATE:	02/09/26				
LAND USE SET					
JOB NO.	CIVIL GENERAL NOTES				
25-035	C1.0				

Topographic Survey

Located at:
610 S Peach St
SW 1/4, SE 1/4 Section 25, Township 37 South,
Range 2 West, W.M., City of Medford, Jackson County, Oregon

HATCHING LEGEND

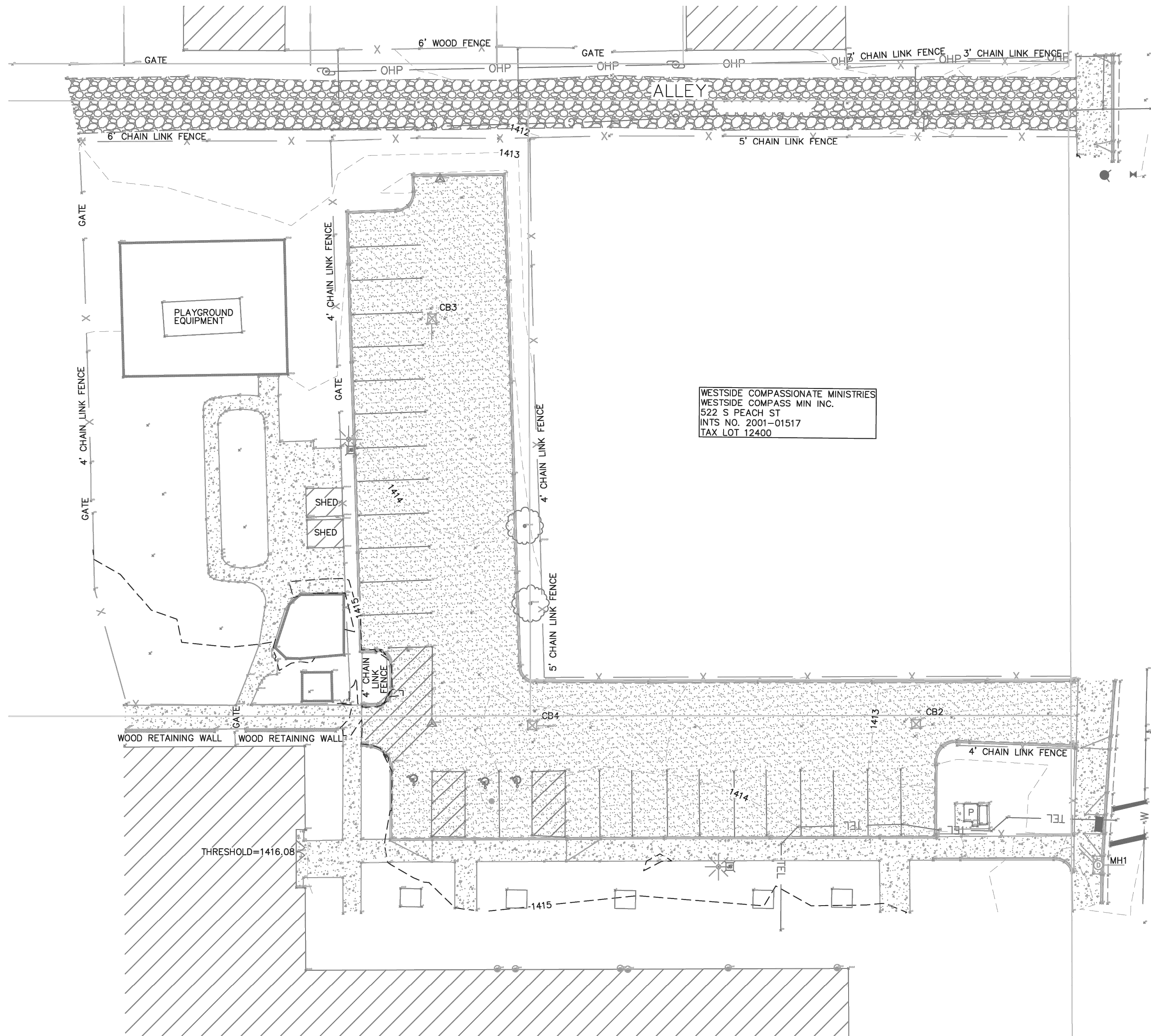
	CONCRETE
	BUILDING
	PAVEMENT
	GRAVEL

SYMBOLS

	STORM DRAIN CLEANOUT
	ROOF DOWNSPOUT LOCATION
	SURVEY MONUMENT
	JUNCTION BOX
	ROOF DOWNSPOUT LOCATION
	STORM DRAIN MANHOLE
	WATER VALVE
	FIRE HYDRANT
	POWER VAULT
	PLANTER
	SITE LIGHT
	TREE DECIDUOUS

CIVIL LEGEND:

	CURB
	BUILDING
	EDGE OF PAVEMENT
	SIDEWALK
	STRIPING
	UTILITY COMMON TRENCH
	EDGE OF GRAVEL
	FENCING
	NATURAL GAS
	WATER-POTABLE
	POWER-BURIED
	APPROXIMATE TAX LOT LINE
	POWER-OVERHEAD
	RETAINING WALL
	PLAYGROUND BORDER



Survey Notes:

Horizontal/Vertical Datum:
OCRS: Grants Pass-Ashland Zone/NGVD29

Contour Intervals Displayed at 1 foot

Initial field work completed on November 26, 2025

Locate Ticket# 25360245

Survey For:

Medford School District
680 Biddle Rd
Medford, OR 97504

Survey By:

Pariani Land Surveying
17 South Platt Avenue, Suite C
Eagle Point, Oregon 97524

MH1 SDCI
RIM=1412.87
IE=1410.37 12" PVC (NW)
IE=1409.67 8" PVC (NW)
IE=1409.62 12" PVC (E)
SUMP=1408.77

CB2
RIM=1412.75
FULL OF DEBRIS

CB3 OIL SEPARATOR WELDED CLOSED
RIM=1413.09
WATER LEVEL=1411.05
SUMP=1409.25

CB4 OIL SEPARATOR
RIM=1413.67
IE=1412.01 1" OPENING (E)
SUMP=1409.87

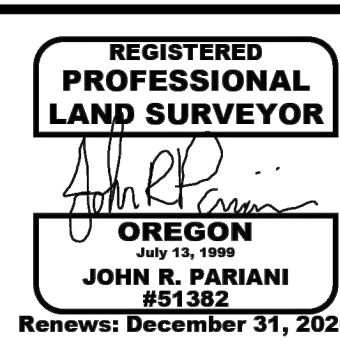
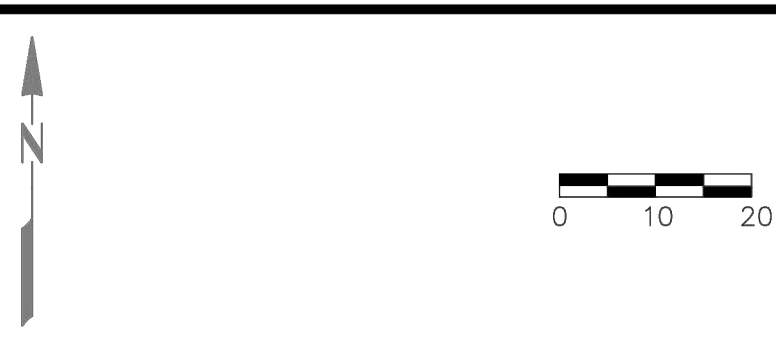
SURVEY NOTES

TOPOGRAPHIC MAP SHOWN
AS A REFERENCE ONLY.

CONTACT PARIANI LAND SURVEYING
FOR ADDITIONAL INFORMATION.

372W25DC TL15000

NO.	DESCRIPTION	REV.	BY	CHKD.	DATE
REVISIONS TO DRAWINGS					
This document or any part thereof in detail or design concept is the property of Pariani Land Surveying and shall not be copied in any form without the written authorization of Pariani Land Surveying.					
WARNING LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"=SCALE ACCORDINGLY)					



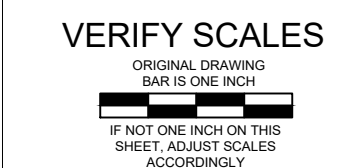
372W25DC
TL 15000

Existing Conditions
Topographic Survey

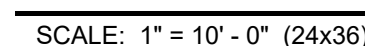
Washington Elementary
610 S Peach St
Medford, OR 97504

PROJECT NO.	2025-687	SHEET	1 of 1
DATE:	December 8, 2025	DRAWN BY:	JRH
REVIEWED BY:	CJP/MNB	APPROVED BY:	JRP
HORZ SCALE: 1" = 20'	VERT SCALE:	DRAWING NO.	V1
		REV. NO.	

EXISTING
CONDITIONS
C1.1

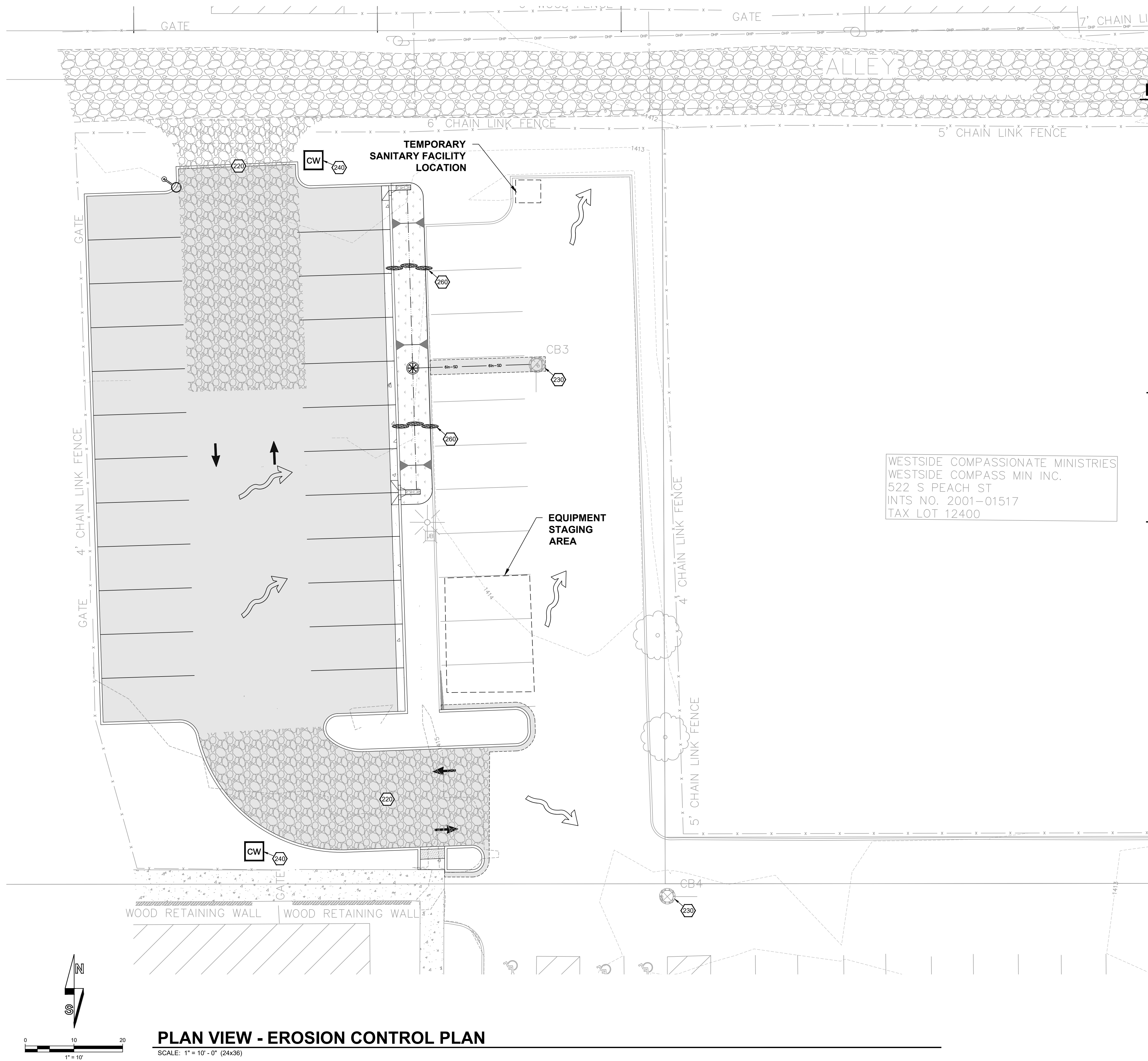


MAP 37-2W-25DC, TAX LOT 15000
610 S. PEACH ST., MEDFORD, OR 97504

[illegible]

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MEDFORD SCHOOL DISTRICT 549C
WASHINGTON ELEMENTARY SCHOOL
NEW PARKING LOT
MAP 37-2W-25DC, TAX LOT 15000
810 S. PEACH ST., MEDFORD, OR 97504

[illegible]

ESCP LEGEND

- | | | |
|-----|---|---|
| 220 | INSTALL TEMPORARY CONSTRUCTION ENTRANCE (TCE) PER PER ODOT DETAIL RD1000 ON SHEET C2.2. |  |
| 230 | INSTALL INLET PROTECTION ON EXISTING CATCH BASINS PER ODOT DETAIL RD1010 ON SHEET C2.2. |  |
| 240 | INSTALL CONCRETE WASH OUT PER DETAIL 240, ON SHEET C2.1. |  |
| 260 | INSTALL ROCK CHECK DAM PER ODOT DETAIL RD1005 ON SHEET C2.2. |  |

EX. SURFACE FLOW DIRECTION

WET WEATHER CONSTRUCTION

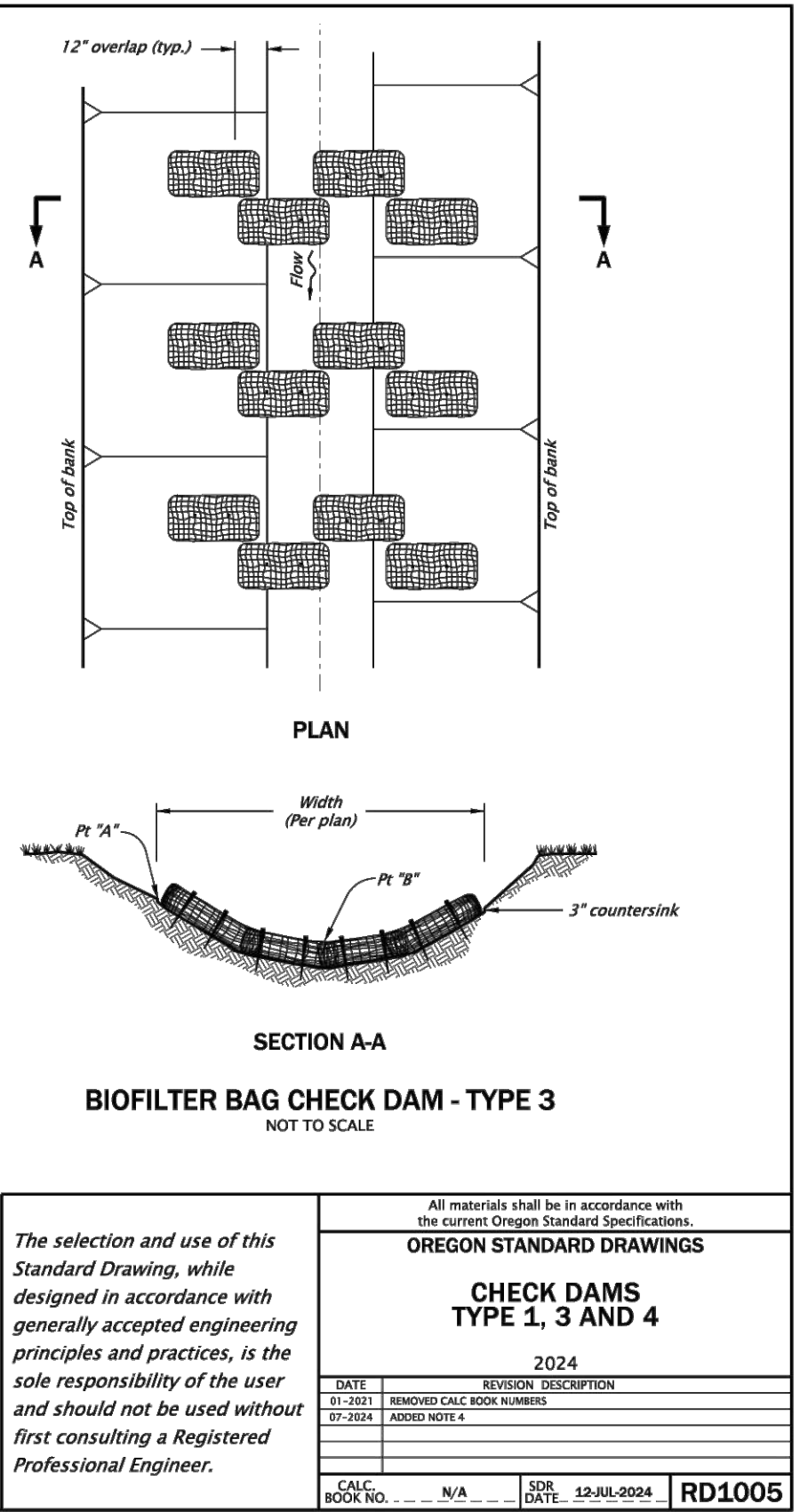
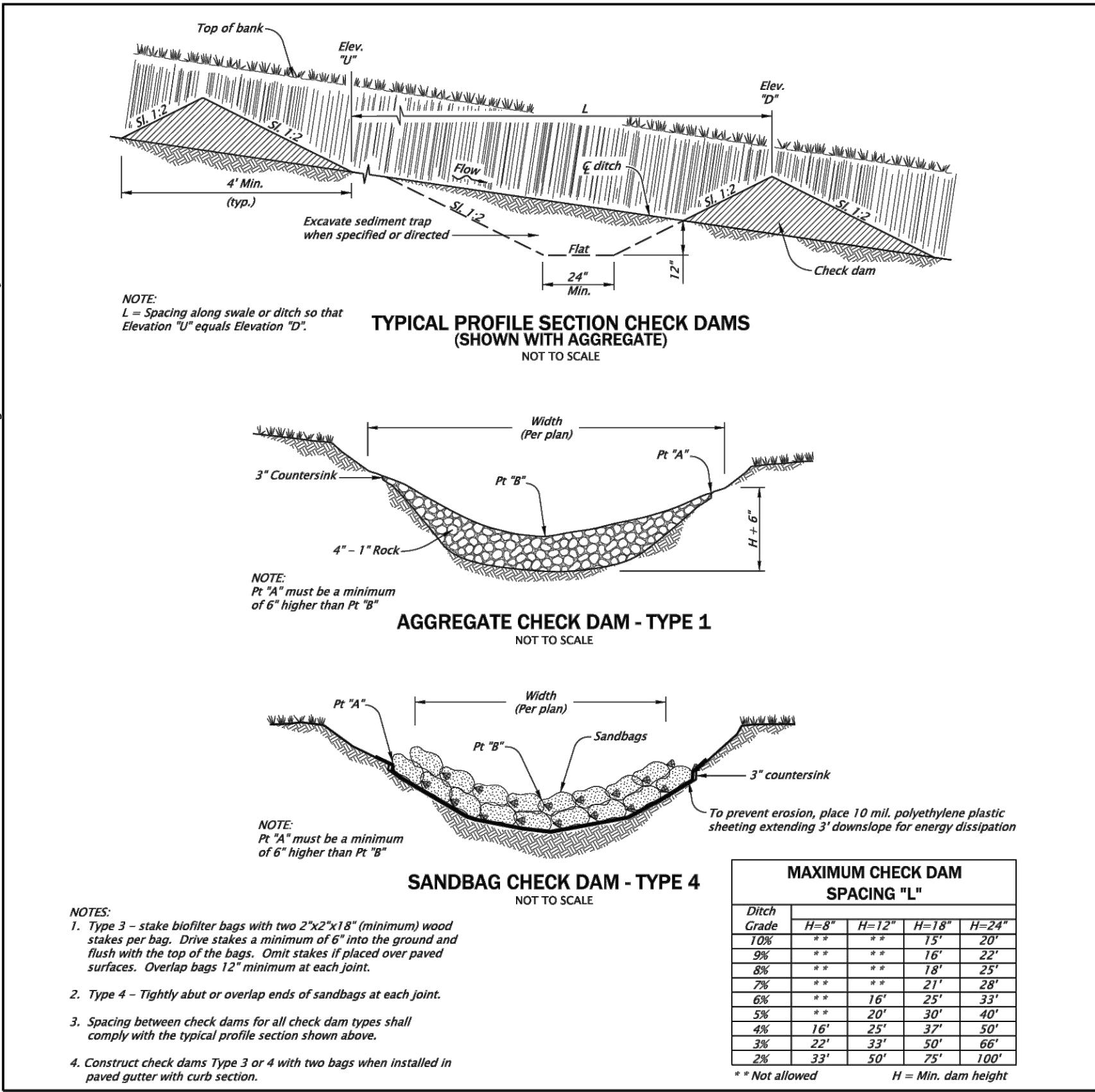
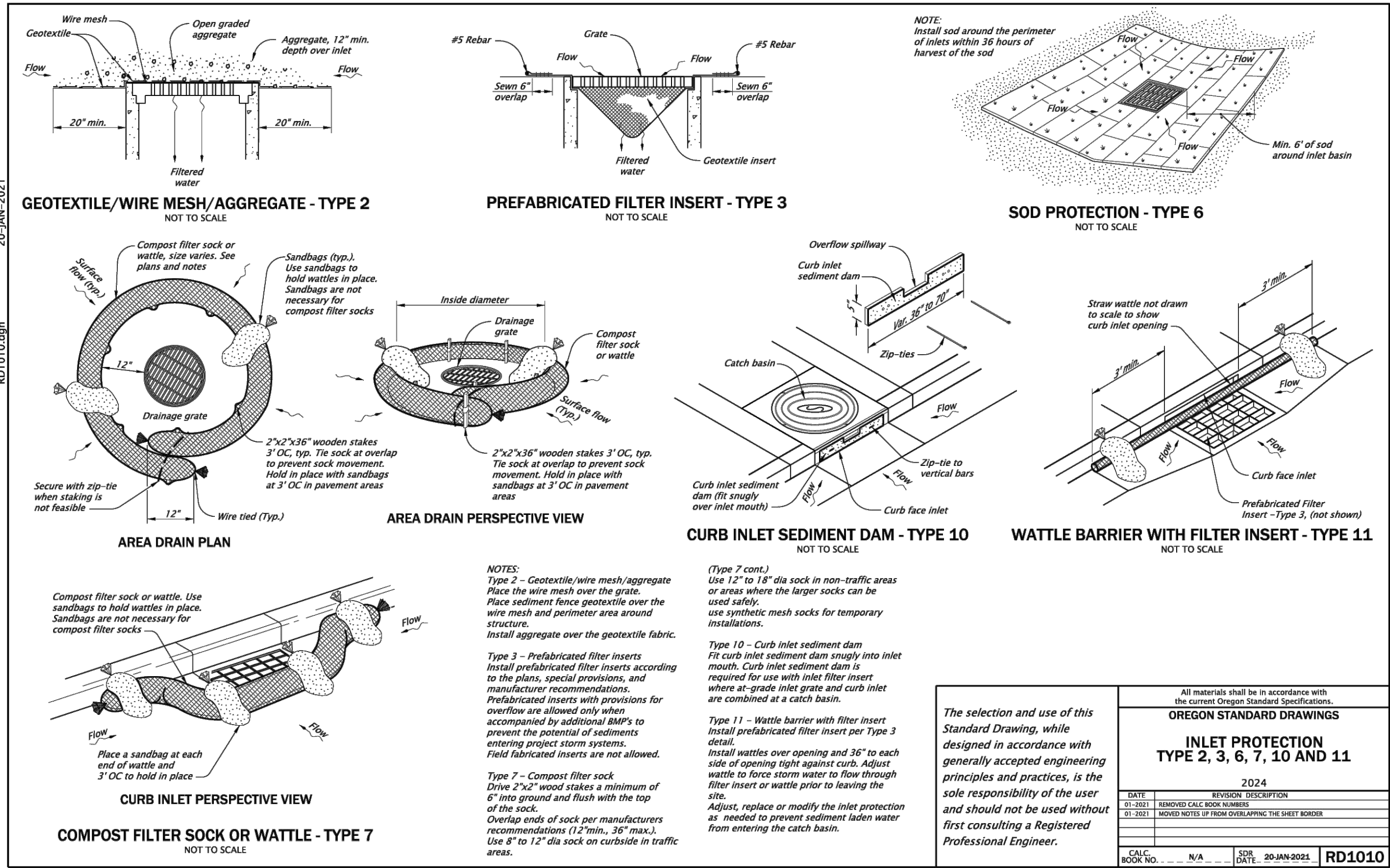
THE SITE SOILS ARE CONSIDERED VERY MOISTURE SENSITIVE AND, AS SUCH, ARE SUSCEPTIBLE TO DISTURBANCE BY CONSTRUCTION EQUIPMENT, PARTICULARLY DURING PERIODS OF WET WEATHER. DURING WET WEATHER, THE CONTRACTOR SHALL MINIMIZE TRAFFIC ON PREPARED SOIL SUBGRADE AREAS. IF THE SITE SOILS ARE EXPOSED TO DISTURBANCE, THE USE OF CRUSHED ROCK PLACED AS AN ENGINEERING FILL AT THE BOTTOM OF THE EXCAVATIONS MAY BE NECESSARY TO PROTECT THE SUBGRADE. THE GRADING CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EXCESSIVE RUNOFF EROSION.

ESCP RESPONSIBILITY

IT IS THE INTENT OF THIS TEMPORARY EROSION AND SEDIMENT CONTROL PLAN THAT STORM WATER RUNOFF BE CONTROLLED AT ALL TIMES TO PREVENT SOIL EROSION AND TO MAINTAIN WATER QUALITY. ANY AND ALL MEASURES NECESSARY TO DO SO SHALL BE EMPLOYED BY THE CONTRACTOR.

1. REGARDLESS OF SITE, WEATHER, SOIL OR OTHER CONDITIONS, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ENSURING THAT EROSION DOES NOT OCCUR ON THE SITE AND THAT POLLUTED OR SILT-LADEN RUNOFF DOES NOT LEAVE THE SITE OR ENTER INTO ANY CREEK, STREAM, WETLAND OR WATER BODY ON THE SITE.
2. BEYOND THE MINIMUM REQUIREMENTS SHOWN ON THIS PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND IMPLEMENTING APPROPRIATE METHODS, "BEST MANAGEMENT PRACTICES" (BMPs), FOR STORM WATER TREATMENT AND CONTROL THAT MEET THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTION.
3. THE CONTRACTOR SHALL REPORT ALL WATER QUALITY CONCERNS AND ACTIVITIES TO THE PROJECT ENGINEER. IN THE EVENT THAT THE INSTALLED WATER QUALITY CONTROL MEASURES ARE INEFFECTIVE AT CONTROLLING EROSION AND SEDIMENT, THE CONTRACTOR SHALL IMMEDIATELY REPORT TO AND CONSULT WITH THE PROJECT ENGINEER TO FIND AN APPROPRIATE REMEDY. ALL CONSTRUCTION ACTIVITIES, WITH THE EXCEPTION OF EROSION AND SEDIMENT CONTROL MEASURES SHALL CEASE UNTIL SUCH TIME AS THE WATER QUALITY IS BROUGHT UNDER CONTROL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING WEATHER FORECASTS AND ANTICIPATING STORM ACTIVITY AND SHALL SCHEDULE ALL PROJECT ACTIVITIES IN ANTICIPATION OF THE WEATHER.
5. ALL SUPPLIES AND MATERIALS NECESSARY FOR IMPLEMENTING BMPs SHALL BE STORED ON SITE AND SHALL BE IMMEDIATELY AVAILABLE FOR USE. SUCH SUPPLIES AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO, STRAW BALES OR OTHER MULCHING MATERIAL, SILT FENCING AND STAKES, FILTER FABRIC, ETC.
6. DURING AND AFTER RUNOFF PRODUCING STORM EVENTS, CONTRACTOR SHALL MONITOR ALL EROSION CONTROL MEASURES AND SHALL PRIORITIZE IMPLEMENTATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ABOVE ALL OTHERS.

Drawing Name: S:\PEC Shared - Documents\All Sta. Projects\Current Projects\MSD WES PL Drawings\CADD\WES PL C1-C5.dwg Last Save: Februar...9, 2026 5:10 PM Plot Date: Februar...16, 2026 2:10 PM B...Nanc...



POWELL
engineering + consulting

46 N. Front St., Suite 200
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

REGISTERED PROFESSIONAL ENGINEER
56425PE

OREGON
13, 1300
D. POWELL

EXPIRES: 12/31/26

VERIFY SCALES

ORIGINAL DRAWING AND SCALE INCHES

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

MEDFORD SCHOOL DISTRICT 549C

WASHINGTON ELEMENTARY SCHOOL

NEW PARKING LOT

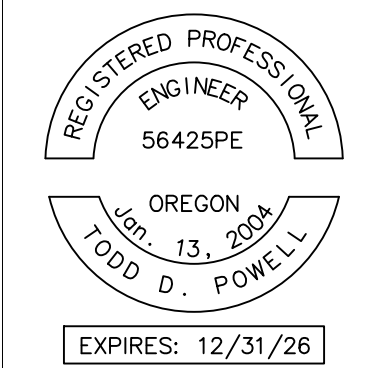
MAP 37-2W-25DC, TAX LOT 15000
610 S. PEACH ST., MEDFORD, OR 97504

NO.	REVISION DESCRIPTION	DATE

DRAWN BY: TDP
DESIGNED BY: TDP
CHECKED BY: TDP
ISSUE DATE: 02/09/26
LAND USE SET

JOB NO. 25-035

ESC
DETAILS
C2.2



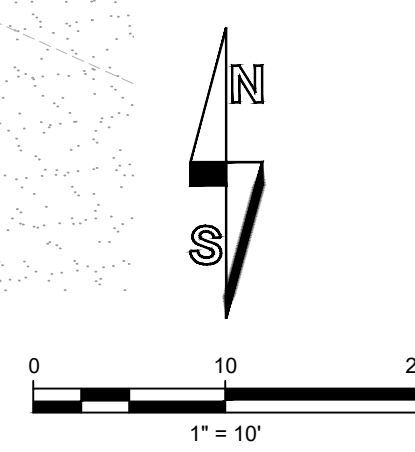
VERIFY SCALES

ORIGINAL DRAWING
BAR IS ONE INCH

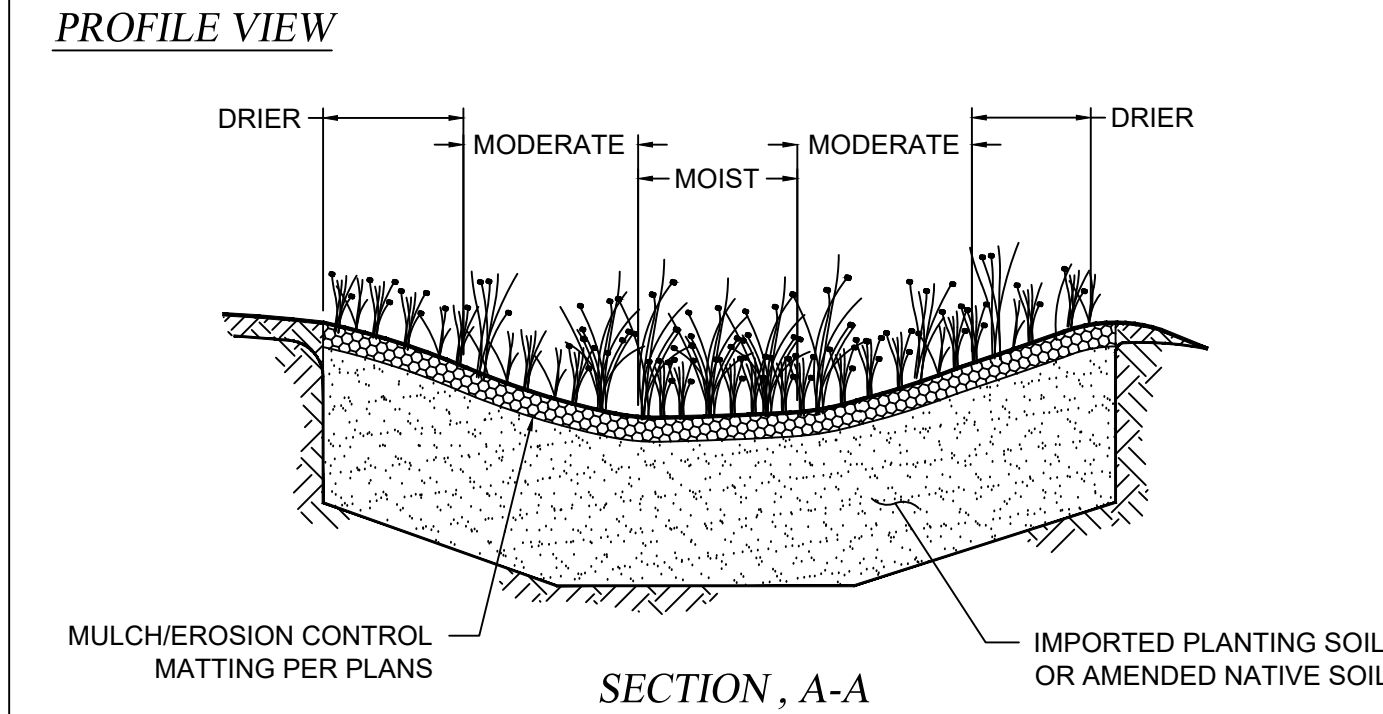
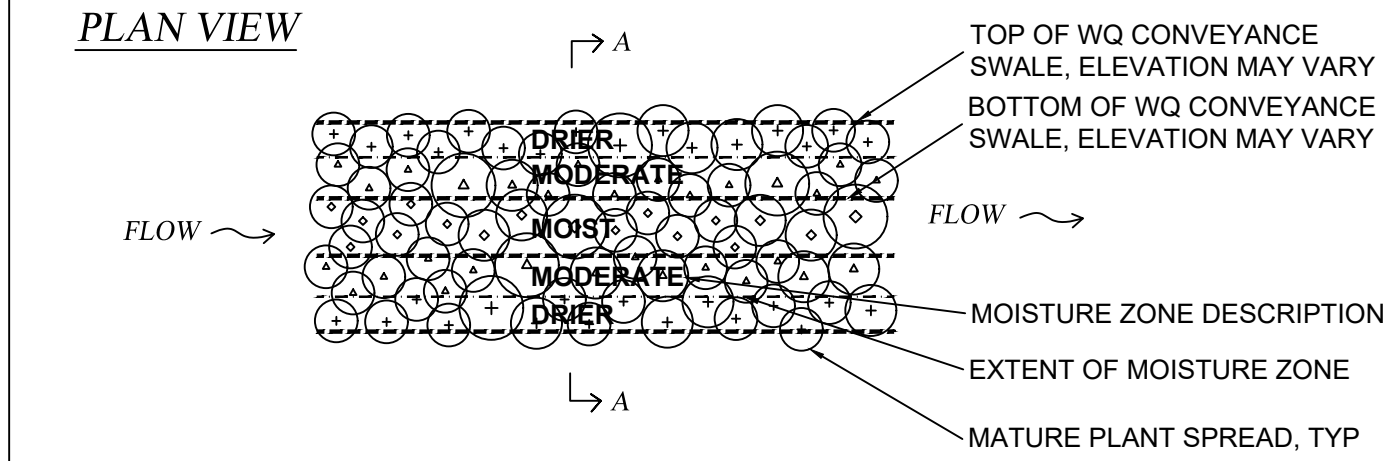


IF NOT ONE INCH ON THIS
SHEET, ADJUST SCALES
ACCORDINGLY

DATE		REVISION DESCRIPTION	
NO.			
DRAWN BY:		TDP	
DESIGNED BY:		TDP	
CHECKED BY:		TDP	
ISSUE DATE:		02/09/26	
LAND USE SET			
JOB NO.		GRADING PLAN C4.0	
25-035			



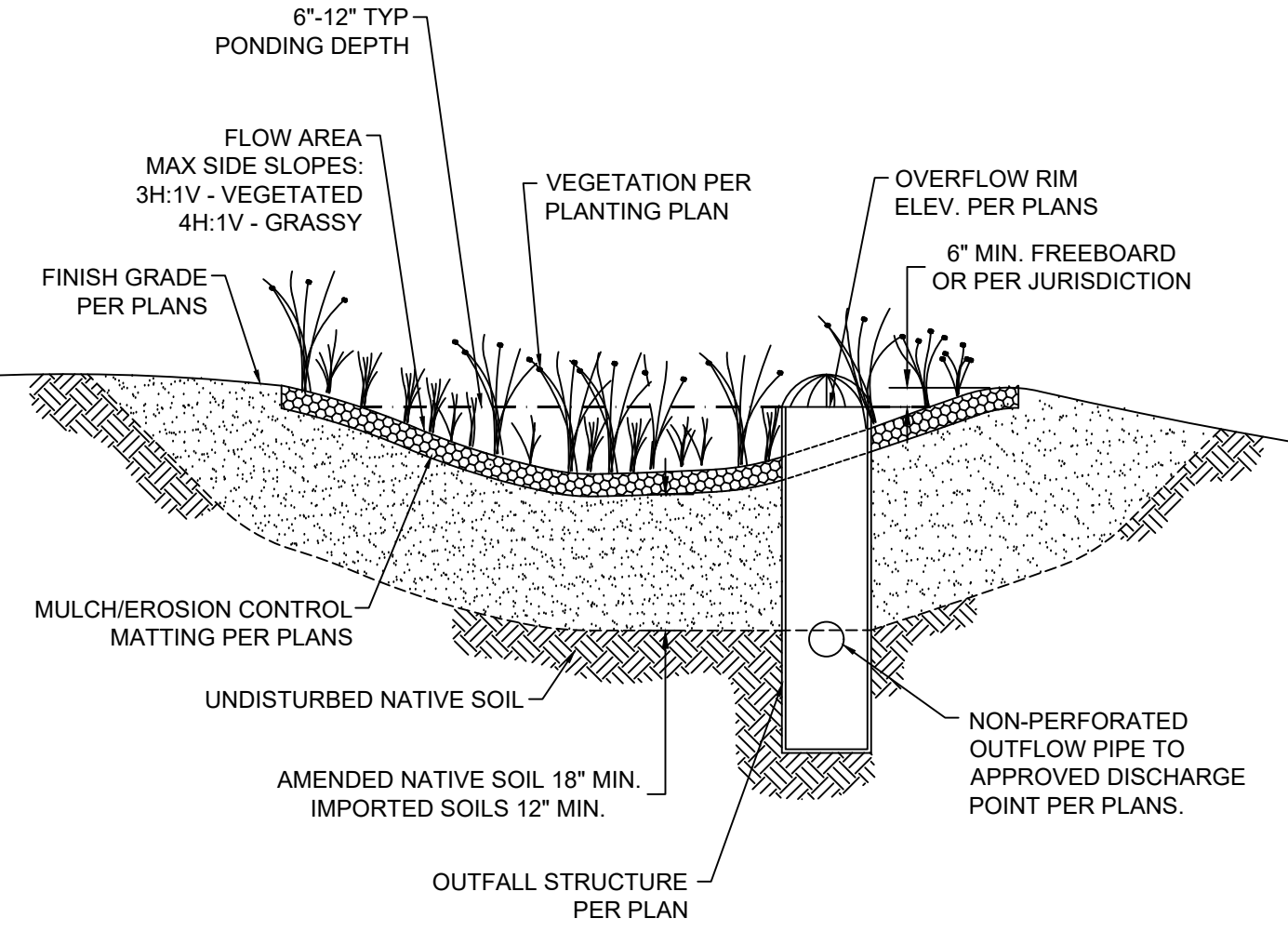
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- LEGEND:**
- INDICATES GRADE BREAK
 - MOISTURE ZONE
 - PLANT SPECIES APPROPRIATE FOR MOISTURE ZONE:
 - DRIER
 - MODERATE
 - MOIST
- NOTES:**
- THIS DETAIL IS PROVIDED AS A SCHEMATIC EXAMPLE OF THE RANDOM PLANT PLACEMENT AND 90% COVERAGE AFTER ESTABLISHMENT PERIOD DESIRED TO REDUCE EROSION AND WEEDS.
 - INSTALL PLANTS PER PLANS, ACCORDING TO LANDSCAPE DESIGN PLANT TABLE, WHICH SHOULD INCLUDE PLANT SPECIES, SPACING, AND QUANTITIES IN EACH MOISTURE ZONE.
 - MOISTURE ZONES VARY FROM THOSE SHOWN DEPENDING ON GRADING PLAN, LOCATION OF INLET(S) AND OUTLET(S) AND FACILITY SHAPE.

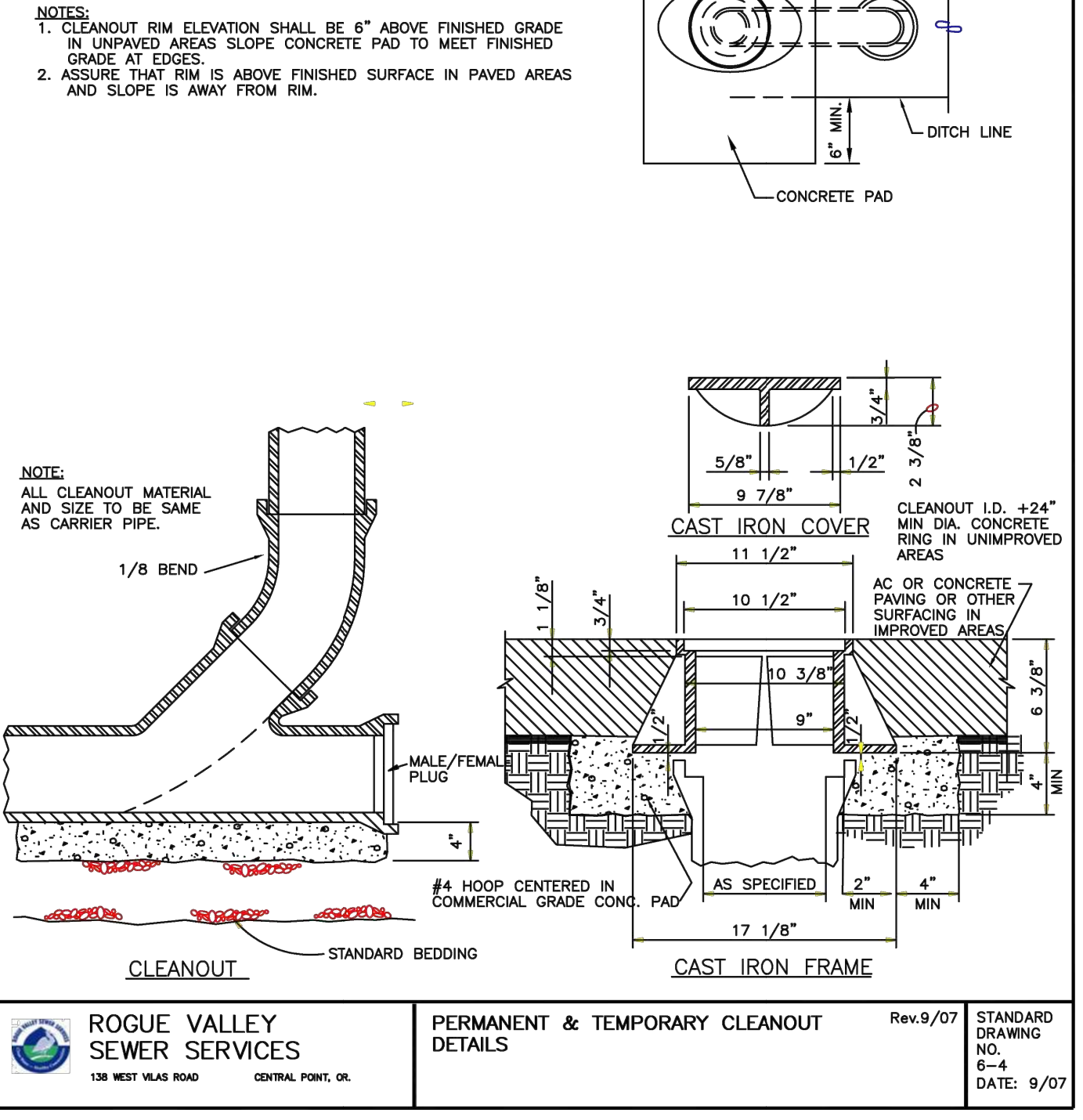
Rogue Valle Stormwater Design Manual	Water Qualit Conve nce Swale Planting Schematic	BMP 8.03 1 o 1 Scale: NTS
--	--	---------------------------------

- General Notes for Vegetated BMPs**
- cluding construction o the acilit itel, e posed stormwater treatment area subgrade shall be enced to prohibit impacts rom construction (including materials and e uipment storage).
 - Build and vegetate as earl as possible to establish plantings prior to directing stormwater runo to the BMP.
 - Call the reviewing agenc 48 hours in advance o constructing this acilit so construction observation ma be per ormed to identi variations in the field that ma ect design and veri proper construction.
 - Over-e cavate within the BMP to allow or placement o amended or imported soil up to inal grade.
 - Amended native or imported soil mi shall be the "Water Qualit Mi ture" speci led in Oregon Standard Speci ications or Construction Special Provision Section 01012.12.
 - Placement o amended native or imported soil mi shall occur as ollows:
 - Conduct e cavation, ine grading and placement work ori when the acilit and the soil to be placed is dr . Do not place i soil is saturated.
 - l unprotected soil has been e posed to rain all, scarl the sur ace to a depth o 4 inches to restore filtration capacit .
 - Place soil in 6 inch ma itrium lts (i.e. depths).
 - Lightl compact each i t, (e.g. a water illed landscape roller) to achieve 85 compaction. Do not compact with heav machiner or vibrator compaction.
 - l soil is placed during the wet season and the acilit will not be planted within one week o soil installation, install Oregon Standard Speci ications or Construction, Special Provision 00280 T pe E erosion control matting.
 - Contact approving jurisdiction 48 hours in advance o planting so that the jurisdiction can review soil installation and plant placement prior to plant installation.
 - Mulch shall be:
 - Placed in areas shown on the approved plan
 - Shredded wood chips or course compost
 - D e, pesticide and weed ree
 - Spread in a minimum two inch la er over bare soil or in a ring around plants
 - Not touching plant stems
 - Side slopes outside o low area shall be permanentl stabili ed with mulch and vegetation.
 - The approved jurisdiction ma re uest evidence the amended native or imported soil mi meets speci ication prior to placement.
 - l re uested, test data or the soil mi shall be provided b an accredited laborator with current certi ication. The date o the anal sis must be no more than 90 da s prior to submittal. The report must include the ollowing:
 - Name and address o the laborator
 - Phone, contact and email address o the laborator
 - Test data, including date and name o the test procedure
 - Source o the topsoil



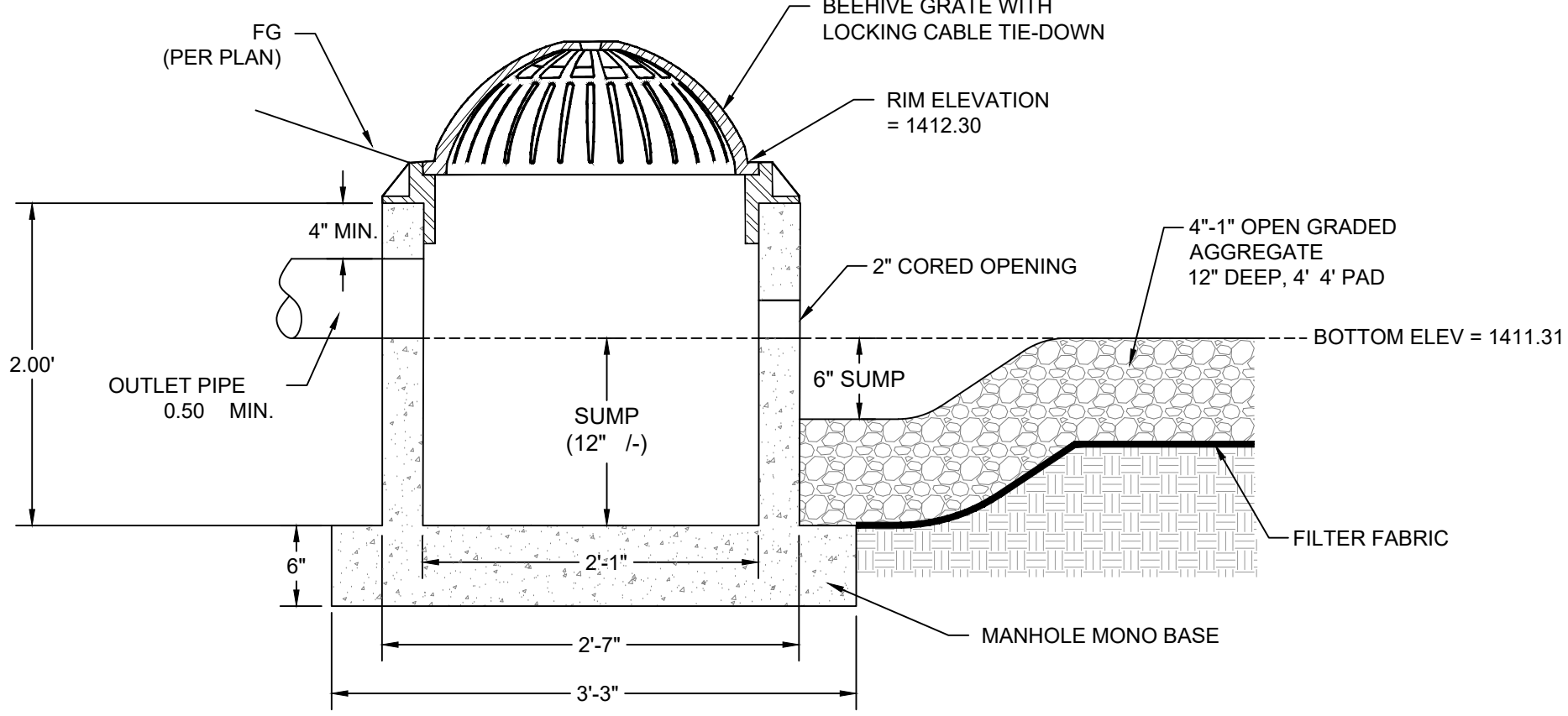
451 INFILTRATION RAIN GARDEN SECTION

SCALE: NTS



410 DETAIL - 24" BEEHIVE CONTROL STRUCTURE

SCALE: NTS



Drawing Name: S:\PEC Shared - Documents\All Sta.\Projects\Current Projects\MSD\WES Pl\Drawings\CADD\WES C8.dwg Last Save: Februar 10, 2026 11:04 AM Plot Date: Februar 16, 2026 2:44 PM B - Name: 25-35

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 10 00 SITE CLEARING		
PART 1 GENERAL		
1.01 RELATED REQUIREMENTS		
A. Section 01 10 00 - Summary: Limitations on Contractor's use of site and premises.		
B. Section 01 50 00 - Temporary Facilities and Controls: Site fences, security, protective barriers, and waste removal.		
C. Section 01 57 13 - Temporary Erosion and Sediment Control.		
D. Section 01 70 00 - Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products.		
E. Section 31 23 23 - Fill: Filling holes, pits, and excavations generated as a result of removal operations.		
PART 2 PRODUCTS – NOT USED PART 3		
EXECUTION		
3.01 SITE CLEARING		
A. Comply with other requirements specified in Section 01 70 00.		
B. Minimize production of dust due to clearing operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or other pollution.		
3.02 EXISTING UTILITIES AND BUILT ELEMENTS		
A. Coordinate work with utility companies; notify before starting work and comply with their requirements; obtain required permits.		
B. Protect existing utilities to remain from damage.		
C. Do not disrupt public utilities without permit from authority having jurisdiction.		
D. Protect existing structures and other elements that are not to be removed.		
3.03 VEGETATION		
A. Do not remove or damage vegetation beyond the limits indicated on drawings.		
B. Install substantial, highly visible fences at least 3 feet high to prevent inadvertent damage to vegetation to remain:		
1. At vegetation removal limits.		
C. In areas where vegetation must be removed but no construction will occur other than pervious paving, remove vegetation with minimum disturbance of the subsoil.		
D. Vegetation Removed: Do not burn, bury, landfill, or leave on site, except as indicated.		
1. Chip, grind, crush, or shred vegetation for mulching, composting, or other purposes; preference should be given to on-site uses.		
2. Trees: Sell if marketable; if not, treat as specified for other vegetation removed; remove stumps and roots to depth of 18 inches.		
3. Sod: Re-use on site if possible; otherwise sell if marketable, and if not, treat as specified for other vegetation removed.		
E. Restoration: If vegetation outside removal limits or within specified protective fences is damaged or destroyed due to subsequent construction operations, replace at no cost to Owner.		
3.04 DEBRIS		
A. Remove debris, junk, and trash from site.		
B. Leave site in clean condition, ready for subsequent work.		
C. Clean up spillage and wind-blown debris from public and private lands.		
END OF SECTION		
W.E.S. New Parking Lot	31 10 00- 1	Site Clearing

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 22 00 GRADING		
PART 1 GENERAL		
1.01 RELATED REQUIREMENTS		
A. Section 311000 - Site Clearing.		
B. Section 312316 - Excavation.		
C. Section 312316 - Trenching: Trenching and backfilling for utilities.		
D. Section 312323 - Fill: Filling and compaction.		
PART 2 PRODUCTS		
2.01 MATERIALS		
A. Other Fill Materials: See Section 31 23 23.		
PART 3 EXECUTION		
3.01 EXAMINATION		
A. Verify that survey bench mark and intended elevations for the Work are as indicated.		
B. Verify the absence of standing or ponding water.		
3.02 PREPARATION		
A. Identify required lines, levels, contours, and datum.		
B. Stake and flag locations of known utilities.		
C. Locate, identify, and protect from damage above- and below-grade utilities to remain.		
D. Notify utility company to remove and relocate utilities.		
E. Provide temporary means and methods to remove all standing or ponding water from areas prior to grading.		
F. Protect site features to remain, including but not limited to bench marks, survey control points, existing structures, fences, sidewalks, paving, and curbs, from damage by grading equipment and vehicular traffic.		
3.03 ROUGH GRADING		
A. Remove subsoil from areas to be further excavated, re-landscaped, or re-graded.		
3.04 SOIL REMOVAL		
A. Remove excavated topsoil from site.		
B. Remove excavated subsoil from site.		
3.05 FINISH GRADING		
A. Before Finish Grading:		
1. Verify building and trench backfilling have been inspected.		
2. Verify subgrade has been contoured and compacted.		
B. Remove debris, roots, branches, stones, in excess of 1/2 inch in size. Remove soil contaminated with petroleum products.		
3.06 REPAIR AND RESTORATION		
A. Existing Facilities, Utilities, and Site Features to Remain: If damaged due to this work, repair or replace to original condition.		
3.07 CLEANING		
A. Leave site clean and raked, ready to receive landscaping.		
END OF SECTION		
W.E.S. New Parking Lot	31 22 00- 1	Grading

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 23 23 FILL		
PART 1 GENERAL		
1.01 SECTION INCLUDES		
A. Filling holes, pits, and excavations generated as a result of removal (demolition) operations.		
1.02 RELATED REQUIREMENTS		
A. Section 31 22 00 - Grading: Site grading.		
1.03 SUBMITTALS		
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.		
B. Materials Sources: Submit name of imported materials source.		
C. Fill Composition Test Reports: Results of laboratory tests on proposed and actual materials used, including manufactured fill.		
D. Compaction Density Test Reports.		
PART 2 PRODUCTS		
2.01 FILL MATERIALS		
A. General Fill - Fill Type 3/4" minus crushed rock: Complying with State of Oregon Highway Department standard.		
B. Structural Fill - Fill Type 3/4" minus crushed rock: Complying with State of Oregon Highway Department standard.		
2.02 ACCESSORIES		
A. Geotextile: Non-biodegradable, woven.		
PART 3 EXECUTION		
3.01 EXAMINATION		
A. Identify required lines, levels, contours, and datum locations.		
B. Verify areas to be filled are not compromised with surface or ground water.		
3.02 PREPARATION		
A. Scarify and proof roll subgrade surface to a depth of 6 inches to identify soft spots.		
B. Cut out soft areas of subgrade not capable of compaction in place. Backfill with general fill.		
C. Compact subgrade to density equal to or greater than requirements for subsequent fill material.		
D. Until ready to fill, maintain excavations and prevent loose soil from falling into excavation.		
3.03 FILLING		
A. Fill to contours and elevations indicated using unfrozen materials.		
B. Employ a placement method that does not disturb or damage other work.		
C. Systematically fill to allow maximum time for natural settlement. Do not fill over porous, wet, frozen or spongy subgrade surfaces.		
D. Maintain optimum moisture content of fill materials to attain required compaction density.		
E. Slope grade away from building minimum 2 inches in 10 feet, unless noted otherwise. Make gradual grade changes. Blend slope into level areas.		
END OF SECTION		
W.E.S. New Parking Lot	31 23 23- 1	Fill

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 23 23 FILL		
PART 1 GENERAL		
1.01 SECTION INCLUDES		
A. Filling holes, pits, and excavations generated as a result of removal (demolition) operations.		
1.02 RELATED REQUIREMENTS		
A. Section 31 22 00 - Grading: Site grading.		
1.03 SUBMITTALS		
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.		
B. Materials Sources: Submit name of imported materials source.		
C. Fill Composition Test Reports: Results of laboratory tests on proposed and actual materials used, including manufactured fill.		
D. Compaction Density Test Reports.		
PART 2 PRODUCTS		
2.01 FILL MATERIALS		
A. General Fill - Fill Type 3/4" minus crushed rock: Complying with State of Oregon Highway Department standard.		
B. Structural Fill - Fill Type 3/4" minus crushed rock: Complying with State of Oregon Highway Department standard.		
2.02 ACCESSORIES		
A. Geotextile: Non-biodegradable, woven.		
PART 3 EXECUTION		
3.01 EXAMINATION		
A. Identify required lines, levels, contours, and datum locations.		
B. Verify areas to be filled are not compromised with surface or ground water.		
3.02 PREPARATION		
A. Scarify and proof roll subgrade surface to a depth of 6 inches to identify soft spots.		
B. Cut out soft areas of subgrade not capable of compaction in place. Backfill with general fill.		
C. Compact subgrade to density equal to or greater than requirements for subsequent fill material.		
D. Until ready to fill, maintain excavations and prevent loose soil from falling into excavation.		
3.03 FILLING		
A. Fill to contours and elevations indicated using unfrozen materials.		
B. Employ a placement method that does not disturb or damage other work.		
C. Systematically fill to allow maximum time for natural settlement. Do not fill over porous, wet, frozen or spongy subgrade surfaces.		
D. Maintain optimum moisture content of fill materials to attain required compaction density.		
E. Slope grade away from building minimum 2 inches in 10 feet, unless noted otherwise. Make gradual grade changes. Blend slope into level areas.		
END OF SECTION		
W.E.S. New Parking Lot	31 23 23- 2	Fill

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 23 16 TRENCHING		
PART 1 GENERAL		
1.01 SECTION INCLUDES		
A. Backfilling and compacting for utilities outside the building to utility main connections.		
1.02 RELATED REQUIREMENTS		
A. Section 31 22 00 - Grading: Site grading.		
B. Section 31 23 23 - Fill: Backfilling at building and foundations.		
1.03 SUBMITTALS		
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.		
B. Materials Sources: Submit name of imported materials source.		
C. Compaction Density Test Reports.		
1.04 DELIVERY, STORAGE, AND HANDLING		
A. When necessary, store materials on site in advance of need.		
B. When fill materials need to be stored on site, locate stockpiles where designated.		
1. Separate differing materials with dividers or stockpile separately to prevent intermixing.		
2. Prevent contamination.		
3. Protect stockpiles from erosion and deterioration of materials.		
PART 2 PRODUCTS		
2.01 FILL MATERIALS		
A. General Fill - Fill Type 3/4" minus CRB: Complying with State of Oregon Highway Department standard.		
B. Structural Fill - Fill Type 3/4" minus CRB: Complying with State of Oregon Highway Department standard.		
PART 3 EXECUTION		
3.01 EXAMINATION		
A. Verify that survey bench marks and intended elevations for the work are as indicated.		
B. Trenches to be left open for more than 24-hours shall have Approval prior to excavation.		
3.02 PREPARATION		
A. Identify required lines, levels, contours, and datum locations.		
B. Locate, identify, and protect utilities that remain and protect from damage.		
C. Notify utility company to remove and relocate utilities.		
D. Protect bench marks, survey control points, existing structures, fences, sidewalks, paving, and curbs from excavating equipment and vehicular traffic.		
E. Protect plants, lawns, rock outcroppings, and other features to remain.		
F. Grade top perimeter of trenching area to prevent surface water from draining into trench. Provide temporary means and methods, as required, to maintain surface water diversion until no longer needed, or as directed by the Architect.		
W.E.S. New Parking Lot	31 23 16- 1	Trenching

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
SECTION 31 23 16 TRENCHING		
PART 1 GENERAL		
1.01 SECTION INCLUDES		
A. Backfilling and compacting for utilities outside the building to utility main connections.		
1.02 RELATED REQUIREMENTS		
A. Section 31 22 00 - Grading: Site grading.		
B. Section 31 23 23 - Fill: Backfilling at building and foundations.		
1.03 SUBMITTALS		
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.		
B. Materials Sources: Submit name of imported materials source.		
C. Compaction Density Test Reports.		
1.04 DELIVERY, STORAGE, AND HANDLING		
A. When necessary, store materials on site in advance of need.		
B. When fill materials need to be stored on site, locate stockpiles where designated.		
1. Separate differing materials with dividers or stockpile separately to prevent intermixing.		
2. Prevent contamination.		
3. Protect stockpiles from erosion and deterioration of materials.		
PART 2 PRODUCTS		
2.01 FILL MATERIALS		
A. General Fill - Fill Type 3/4" minus CRB: Complying with State of Oregon Highway Department standard.		
B. Structural Fill - Fill Type 3/4" minus CRB: Complying with State of Oregon Highway Department standard.		
PART 3 EXECUTION		
3.01 EXAMINATION		
A. Verify that survey bench marks and intended elevations for the work are as indicated.		
B. Trenches to be left open for more than 24-hours shall have Approval prior to excavation.		
3.02 PREPARATION		
A. Identify required lines, levels, contours, and datum locations.		
B. Locate, identify, and protect utilities that remain and protect from damage.		
C. Notify utility company to remove and relocate utilities.		
D. Protect bench marks, survey control points, existing structures, fences, sidewalks, paving, and curbs from excavating equipment and vehicular traffic.		
E. Protect plants, lawns, rock outcroppings, and other features to remain.		
F. Grade top perimeter of trenching area to prevent surface water from draining into trench. Provide temporary means and methods, as required, to maintain surface water diversion until no longer needed, or as directed by the Architect.		
W.E.S. New Parking Lot	31 23 16- 2	Trenching

25-35	Medford School District Washington Elementary School – New Parking Lot	Land Use 02/09/2026
3.08 CLEANING		
A. Remove unused stockpiled materials, leave area in a clean and neat condition. Grade stockpile area to prevent standing surface water.		
END OF SECTION		
<		

SECTION 32 84 00 - PLANTING IRRIGATION PART 1 - GENERAL 1.1 RELATED REQUIREMENTS 1.2 SUBMITTALS 1.3 CLOSEOUT SUBMITTALS 1.4 SITE CONDITIONS 1.5 QUALITY ASSURANCE 1.6 EXISTING UTILITIES 1.7 WARRANTIES PART 2 - PRODUCTS 2.1 IRRIGATION PIPE AND FITTINGS 2.2 IRRIGATION SLEEVES 2.3 PVC SOLVENT CEMENT, PRIMER, AND THREAD LUBRICANT 2.4 VALVES AND VALVE BOXES 2.5 CONTROL WIRE 2.6 SPRINKLERS AND EMITTERS PART 3 - EXECUTION 3.1 GENERAL 3.2 TRENCING, DIRECTIONAL BORING, AND SLEEVEING 3.3 PIPE INSTALLATION 3.4 FLUSHING AND PRESSURE TESTING 3.5 BACKFILLING 3.6 INSTALLATION OF EQUIPMENT 3.7 ADJUSTMENT AND COVERAGE TEST 3.8 CLEAN UP 3.9 FINAL ACCEPTANCE AND MAINTENANCE PERIOD SECTION 32 91 13 - SOIL PREPARATION PART 1 - GENERAL 1.1 SUMMARY 1.2 RELATED REQUIREMENTS 1.3 SUBMITTALS 1.4 SITE OBSERVATION 1.5 QUALITY ASSURANCE	1.6 DELIVERY, STORAGE, AND HANDLING 1.7 SITE CONDITIONS PART 2 - PRODUCTS 2.1 IMPORTED TOPSOIL 2.2 COMPOST 2.3 LIME 2.4 FERTILIZER 2.5 MYCORRHIZAE PART 3 - EXECUTION 3.1 EXAMINATION 3.2 PROTECTION 3.3 SUBGRADE PREPARATION 3.4 PLACING TOPSOIL 3.5 CLEAN UP	arkitek : design and architecture, llc 426 a street ashland, or 97520 tel : 541.591.9988 Stamp MEDFORD SCHOOL DISTRICT WASHINGTON ELEMENTARY SCHOOL NEW PARKING LOT 610 S PEACH ST., MEDFORD OR 97504 Project Consultant Revisions No. Description Date Issuance LAND USE Date 02/05/26 Project Number 25-035 Drawing Title SPECIFICATIONS Sheet No L0.01
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DATE PRINTED:
FILE PATH:

SECTION 32 93 00 - PLANTS

PART 1 - GENERAL

1.1 SUMMARY

- A. Suppl and install all trees, shrubs, and groundcovers as indicated.

1.2 RELATED REQUIREMENTS

- A. Section 32 01 90 13 - Tree and Plant Protection
B. Section 32 84 00 - Planting Irrigation
C. Section 32 91 13 - Soil Preparation
D. Section 32 93 00 - Plants
E. ANSI Z60.1 American Standard or Nurser Stock, 2025.
F. ANSI A 300 - Standard Practices or Tree, Shrub and other Wood Plant Maintenance, 2017.

1.3 SUBMITTALS

- A. See division 01 specifications - administrative requirements or submittal procedures.
B. Submit all product submittals 8 weeks prior to installation or plantings.
C. Product data: Submit manufacturer product data and literature describing all products required by this section to the Owner's Representative or approval.
D. Submit 1/2 gallon product sample of mulch prior to delivery at the site.
E. Submit 1/2 gallon product sample of stone mulch prior to delivery to the site.
F. Plant list with sources, sizes, and quantities.
G. Certificates of inspection or plant material: Submit certificates or plants free of disease or harmful insects; certified by federal department of agriculture; free of disease or harmful insects.
H. Submit written confirmation of plant order with landscape bid. Substitution requests for plants must be submitted prior to bidding.
I. Submit Certificates required by law with plant shipments in the Closeout Manual.
J. Submit plant growers' certificates or all plants indicating that each meets the requirements of the specification, including the requirements of tree quality.
K. Submit notification to Owner 14 days minimum prior to Owner assuming plant maintenance responsibility that indicates the recommended landscape maintenance procedures or the need for maintenance.
L. Certificates and herbicide mixtures approval by AHJ.

1.4 SITE OBSERVATION

- A. The Landscape Contracting Business shall be present at each site observation visit.
B. The Landscape Architect has the right to have changes made to any or all of the Work.
C. Site observation visits
1. Lay out of planting materials, including review of quantity and quality, prior to planting.
2. Punch list walk-through after bark mulch installation.
3. Final walk-through of completed punch list items.

1.5 QUALITY ASSURANCE

- A. Plant material shall conform to ANSI Z60.1 - Nurser Stock Standards.
B. Landscape Contractor must have a minimum of 5 years of experience.
C. Company specializing in pruning trees must have proof of Arborist Certification.
D. Comply with laws regulating non-native and invasive plant species in the State in which the Project is located.
E. Tree Pruning: Comply with ANSI A300 Part 1.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver packaged materials in manufacturer's unopened containers, with identified by content tags and labels.
B. Do not deliver more plants to the site than there is space with adequate storage conditions. Provide a suitable remote staging area for plants and other supplies.
C. Protect materials from deterioration during delivery and storage. Adequately protect plants from drying out, exposure to roots to sun, wind or extremes of heat and cold temperatures. If planting is delayed more than 24 hours after delivery, set plants in a location protected from sun and wind. Provide adequate water to the root ball package during the shipping and storage period.
1.7 WARRANTY
A. See division 01 - Closeout Submittals or additional warrant requirements.
B. Plants warrant shall begin on the date of Substantial Completion Acceptance and continue for a period of 1 year.
C. When the work is accepted in parts, the warrant periods shall extend from each of the partial Substantial Completion Acceptances to the terminal date of the last warrant period. Thus, all warrant periods of each class of plant warrant, shall terminate at one time.
D. All plants shall be warranted to meet all the requirements or plant quality at installation in this specification. Defective plants shall be defined as plants not meeting these requirements. The Owner's representative shall make the final determination that plants are defective.
E. Plants determined to be defective shall be removed immediately upon notification by the Owner's Representative and replaced without cost to the Owner, as soon as weather conditions permit and within the specified planting period.
F. Warrant all replacement plants or one (1) will bear upon replanting, unless otherwise determined by the Owner.
G. Warrant shall not include damage or loss of plant materials caused by fire, floods, freezing conditions, or winds, natural occurrences not typical of the area, or improper maintenance by the Owner. Acts of vandalism or Owner negligence shall not be covered by the Warrant.
H. The Owner, Owner's Representative, and Contractor shall walk the site no less than 60 days prior to the end of the warrant period to review the site or dead or dying plant material.
I. By the end of the warrant period, remove all tree wrap, ties, and girdling unless agreed to by the Owner's Representative to remain in place. All trees that do not have sufficient caliper to remain upright, or those requiring additional anchorage in wind locations, shall be staked or remain staked.

1.8 SITE CONDITIONS

- A. It is the responsibility of the Contractor to be aware of all surface and sub-surface conditions. Do not proceed with work until unsatisfactory conditions have been corrected.
B. Report any potential conflicts, in writing, to the Owner's Representative.
C. This specification requires that all Planting Soil and Irrigation work be completed and accepted prior to the installation of any plants.
D. Do not install plants into saturated or frozen soils. Do not install plants during inclement weather, such as rain or snow or during a freeze, hot, cold or wind conditions.
E. Determine location of underground utilities and perform work in a manner that will avoid possible damage. Hand excavate, as required. Maintain grade stakes set by others until parties concerned mutually agree upon removal.

PART 2 - PRODUCTS

2.1 PLANT MATERIAL

- A. Provide plants of quantity, size, genus, species, and variety or cultivars as shown and scheduled in contract documents.
B. Plant sizes, trunk caliper, root ball dimensions, and container sizes shall conform to ANSI Z60.1, latest edition, unless modified herein; this specification governs in case of conflict.
C. Plants larger than specified may be accepted by the Owner's Representative at no additional cost, provided the root ball meets ANSI Z60.1 and fits the planting space.
D. Where a size range is specified, no plant shall be less than the minimum size, and at least 50 percent shall meet the maximum size specified, measured after required pruning.
E. Identification: All plants shall be true to name and labeled by genus, species, variety, and cultivar.
F. Plants shall be grown under climatic conditions similar to those at the Project site and be suitable for installation in the location of the Work.
G. Plants shall comply with all federal and state laws regarding pests, diseases, and weeds, and required inspection certificates shall accompany each shipment.
H. Plants shall be healthy, well-branched, well-rooted, and typical of the species and variety, cultivated when in leaf, and free of disease, insects, weeds, weed roots, and physical damage; plants showing growth during storage shall be rejected.
I. Tree crowns shall exhibit form, density, and structure typical of the species, trained to a single dominant leader, unless a different form is specified or the plant is intentionally trained (e.g., multi-stem, espalier, weeping).
J. Trees shall have one central leader; trees with co-dominant stems are not acceptable unless specifically noted.
K. Where row or mass planting is indicated, plants shall be matched in form, size, and habit to provide a uniform appearance.
L. Leaves shall be typical in size, color, and appearance of the species and season, with no evidence of prolonged drought stress or excessive moisture.
M. Trees shall not contain pruning wounds exceeding 1 inch in diameter; all cuts shall be made at the branch collar.
N. Branch structure shall be balanced and appropriate to species and age, free of dead, diseased, broken, or injured branches; scaffold branches shall be well-spaced, without included bark, and no greater than two-thirds the diameter of the central leader.
O. Tree trunks shall be straight, vertical, and free of wounds penetrating to wood, sunburn, decay, insect damage, cankers, girdling ties, or other defects.
P. Root systems shall be normal for the species, free of significant injury, with a minimum of three structural roots evenly distributed around the trunk; plants with J-roots or one-sided root systems shall be rejected.
Q. The root collar shall be within 2 inches of the soil surface, with structural roots evident near the top of the root ball; root balls shall be moist but not waterlogged at delivery.
R. Balled-and-burlapped plants shall be field grown and harvested with intact natural root balls, wrapped with biodegradable burlap and twine and/or supported by wire baskets in accordance with ANSI Z60.1.
S. Wire baskets, where used, shall be low-profile (top of basket 4 to 6 inches below the root ball shoulder) unless soil conditions require fill-support baskets.
T. Container-grown plants shall be well-rooted in removable containers, and shall conform to ANSI Z60.1 container size requirements.
U. Submit grower certifications confirming compliance with these requirements; certification does not limit the Owner's Representative's right to inspect or reject nonconforming plants.

2.2 MYCORRHIZAE

- A. Each plant shall receive an application of Plant Success Microbial Tablets, or approved equivalent, according to the manufacturer's specifications.

2.3 PRE-EMERGENT HERBICIDE

- A. Pre-emergent such as Ronstar or Preen or approved equivalent shall be applied in all shrub and groundcover planting beds per manufacturer's specifications.

2.4 MULCH

- A. Shredded hemlock or fir bark, medium grade, free of wood chips, maximum size to pass 3/4" mesh screen. Free from weeds, seeds, and material harmful to plant life.

2.5 ROCK MULCH

- A. Grade, clean 3/4 inch to 10 crushed aggregate, no fines.

2.6 STAKES AND GUYS

- A. Wood stakes: Douglas fir, 2" x 2" square, or 2" diameter round, between 8 and 12 feet long, or larger if needed.
B. Plant guy system: Broad belt-type strapping or plastic chain, minimum 1" width.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify planting areas are properly prepared and irrigated.
B. The Contractor shall coordinate with all other work that may impact the completion of the work.
C. Inspect all plants upon delivery and prior to installation; notify the Owner's Representative of damage, defects, or conditions that may warrant rejection.
D. Observe all root systems at time of planting to verify compliance with Part 2 quality requirements; perform required root corrections as directed.

3.2 PROTECTION

- A. Provide protective cover and barriers as necessary to prevent damage and staining to adjacent work and cover excavations as required to protect pedestrians, employees, equipment, and adjacent property.
B. Protect soil from compaction during the delivery of plants to the planting locations, digging of planting holes and installing plants.
C. If motorized equipment is used to deliver plants to the planting area over exposed planting beds, or used to loosen the soil or dig the planting holes, all soil that has been driven over shall be tilled to a depth of 6 inches.

3.3 PREPARATION

- A. Comply with requirements in Section 32 91 13, Soil Preparation.

3.4 PLANTING

- A. Excavate planting pits to a minimum of three times the diameter of the root ball or root system stem; provide an additional 6 inches of depth for shrubs. Do not excavate root ball depth or balled trees. Compact soil beneath root balls where planting soil exceeds root ball depth to provide firm bearing.
B. Scarify the bottom and sides of the pit to a depth of 3 inches immediately prior to planting.
C. Set plants plumb, upright, centered, and 1-1/2 inches above top of prepared topsoil. Deep planting is not permitted.
D. Remove non-biodegradable root ball containers from the site.
E. Remove burlap, ropes, and wires from the root ball.
F. For container and balled plants, shave the top, sides, and bottom of the root ball to remove circling, matted, and descending roots.
G. Adjust plant locations to minimize conflicts with irrigation or utility elements.
H. Backfill with prepared topsoil, tamping lightly to eliminate voids.
I. Water immediately after planting. Water during backfilling to settle soil, maintain moisture within acceptable limits, and eliminate air pockets.
J. Remove all nursery tags and ribbons after planting as directed; Owner's Representative seals shall remain until end of warrant period.
K. Apply mulch after planting, maintaining specified depths and keeping mulch off trunks, stems, and root ball surfaces.

3.5 STABILIZATION, MAINTENANCE, AND PROTECTION

- A. Install staking systems to prevent girdling and ensure trees remain plumb; remove stakes and guy system after one growing season unless otherwise directed.
B. Maintain all plants plumb throughout the warrant period; straighten displaced plants before excavation and re-setting, not by pulling trunks.
C. Maintain clean site conditions during installation; repair all damage, restore grades, and remove excess materials upon completion.
D. Protect all planting and adjacent work from damage during construction; promptly repair or replace damaged work at no cost to the Owner.
E. Remove all weeds from project landscape area.
F. Reshape finish grade to match adjacent surfaces.

3.6 MULCHING

- A. Bark mulch
1. Apply bark mulch to planting beds at a thickness of 3 inches.
2. Keep mulch 2 inches away from tree trunks.
3. Limit plant foliage above mulch where needed to prevent leaf contact with mulch.
B. Rock mulch
1. Apply rock mulch as seen in the construction documents at a thickness of 2 inches.

3.7 MAINTENANCE

- A. From installation through Substantial Completion Acceptance, the Contractor shall maintain all plantings in a healthy, vigorous condition.
B. Substantial Completion or planting shall be defined as the Owner's Representative's written acceptance that all work in the Planting, Planting Soil, and Irrigation sections is complete.
C. The Plant Warrant period shall begin on the date of written Substantial Completion Acceptance and may differ from Substantial Completion dates or other project work.
D. At the conclusion of the Warrant and Maintenance period, the Owner's Representative shall conduct a final observation to determine contract compliance. If the work is satisfactory, the maintenance and warrant period shall conclude on the date of final observation.
E. If deficiencies are identified, the warrant period shall continue at no additional cost to the Owner until deficiencies are corrected and accepted.

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Stamp

MEDFORD SCHOOL DISTRICT
WASHINGTON ELEMENTARY SCHOOL
NEW PARKING LOT
610 S PEACH ST, MEDFORD OR 97504

Project

Consultant

Revisions

No.	Description	Date
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Issuance

LAND USE

Date

02/05/26

Project Number

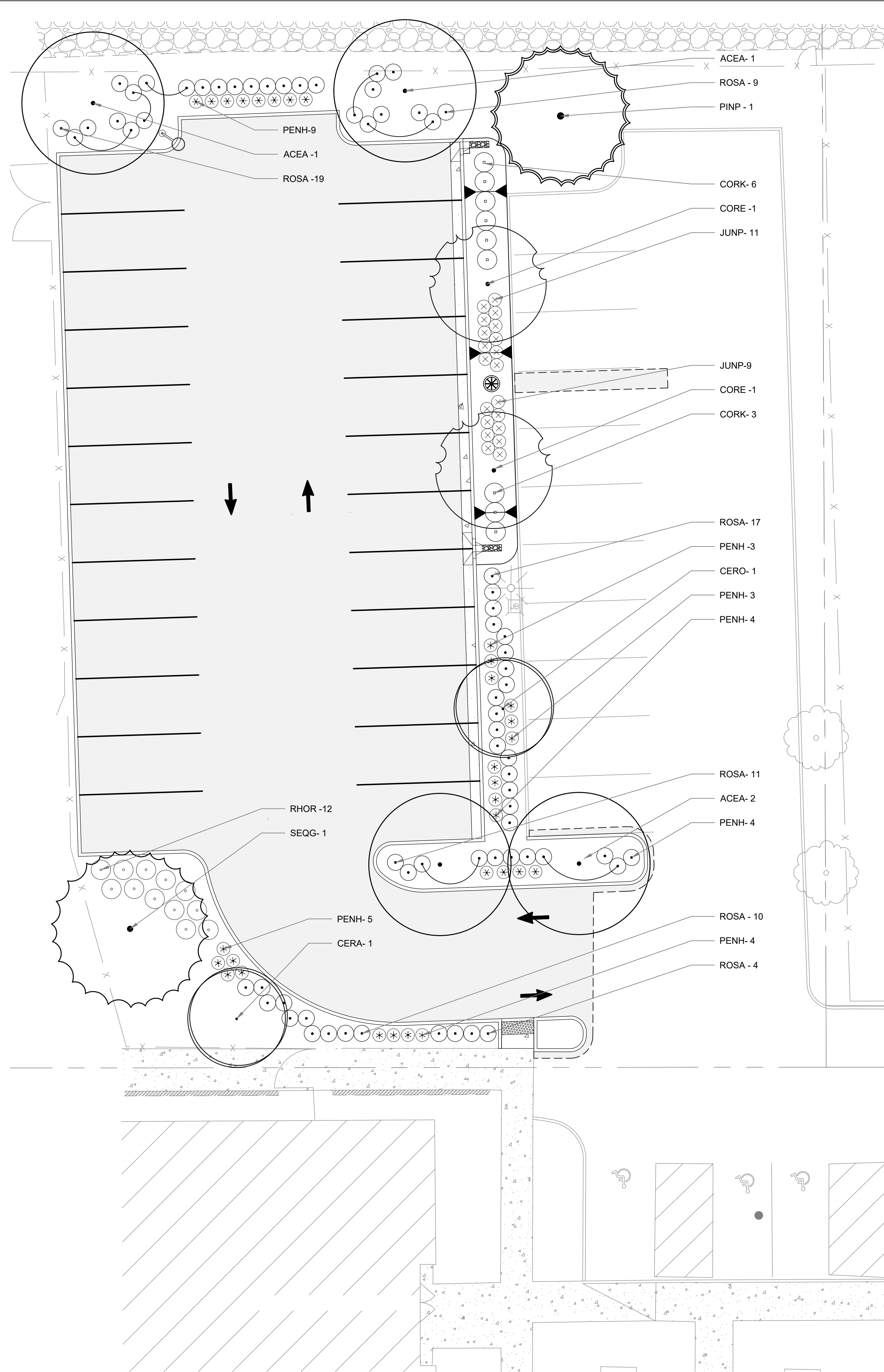
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Drawing Title

SPECIFICATIONS

Sheet No

L0.02

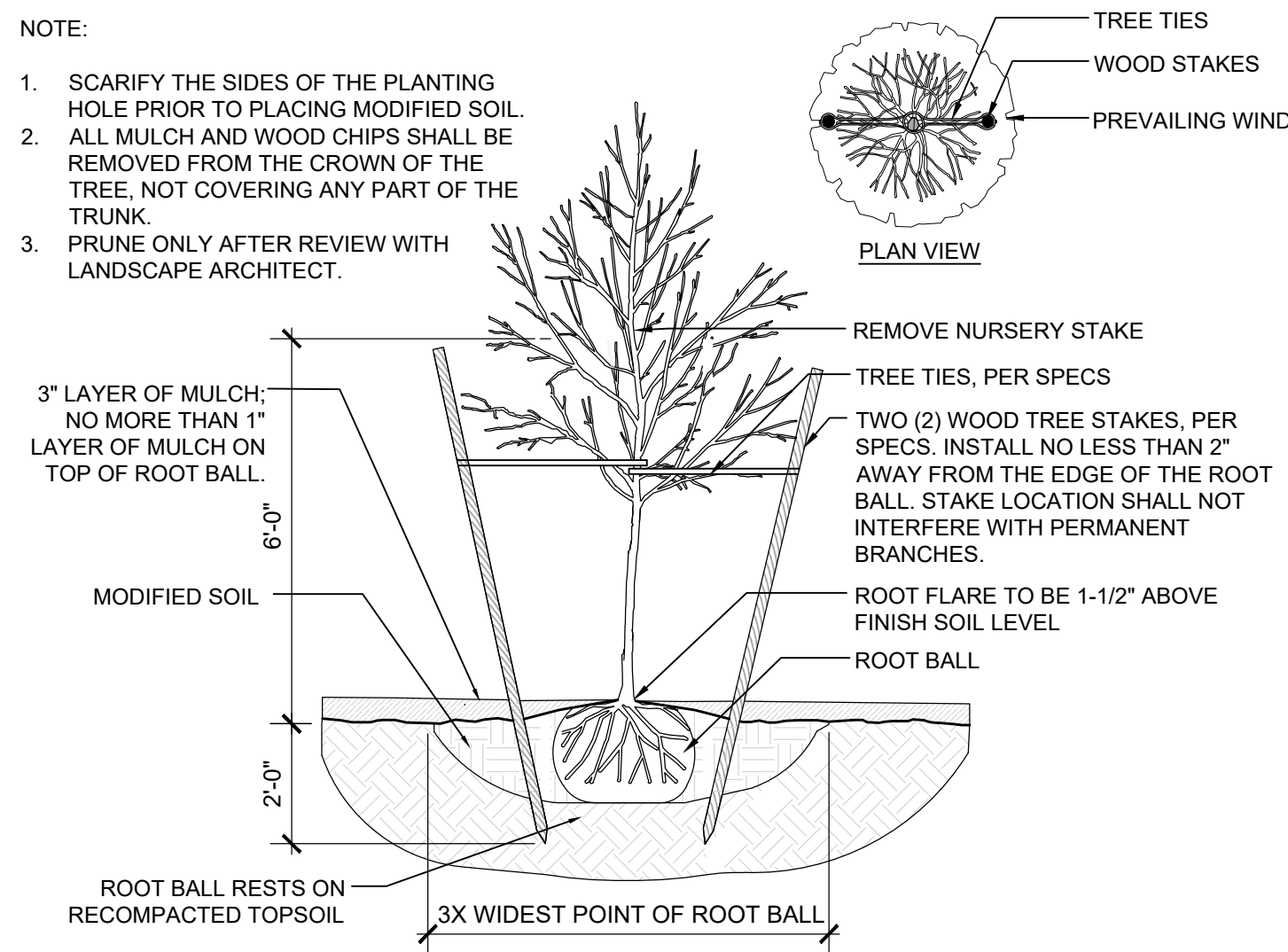


PLANT LIST:

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY
TREES:				
ACEA	ACER FREEMANI 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	1-3/4"	4
CERO	CERCIS CAN. 'OKLAHOMA'	OKLAHOMA REDBUD	1-1/2"	2
CORE	CORNUS FLORIDA 'EDDIES WHITE WONDER'	WHITE FLOWERING DOGWOOD	1-1/2"	2
PINP	PINUS PONDEROSA	PONDEROSA PINE	6'-7'	1
SEQG	SEQUIADENDRON GIGANTEUM	GIANT SEQUOIA	6'-7'	1
SHRUBS & PERENNIALS:				
CORK	CORNUS SERICEA 'KELSYI'	KELSYI DOGWOOD	3 GAL	9
JUNP	JUNCUS PATENS	CALIFORNIA GREY RUSH	4"	20
PENH	PENNISSETUM ALOPECUROIDES 'HADELN'	DWARF FOUNTAIN GRASS	1 GAL	32
RHOR	RHODODENDRON 'ROBLEG'	AUTUMN ANGEL AZALEA	3 GAL	12
ROSA	ROSA X 'MEIDRIFORA'	CORAL DRIFT GROUNDCOVER ROSE	1 GAL	70

NOTE:

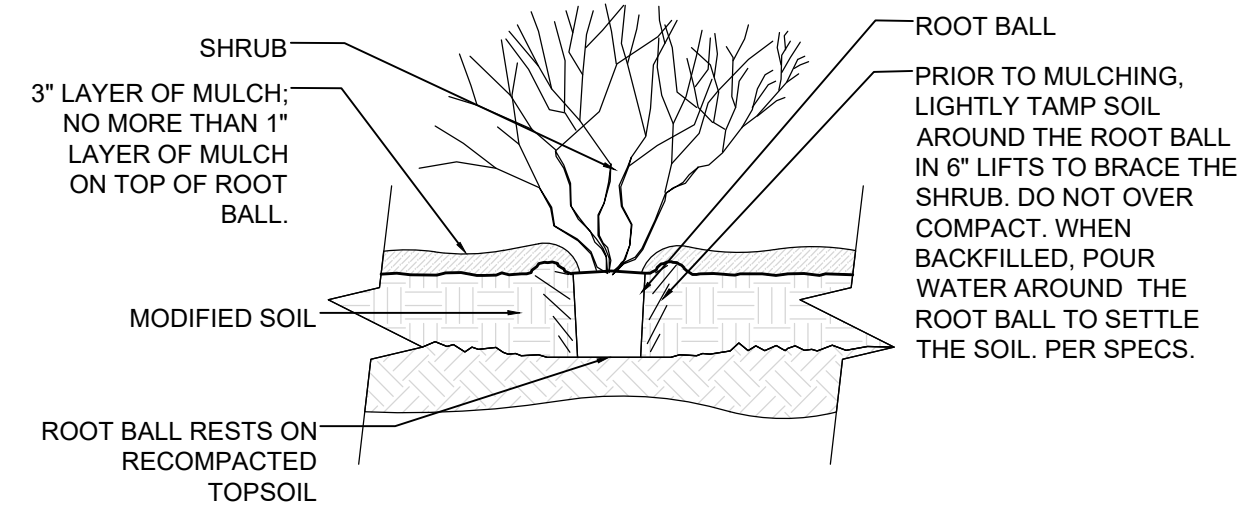
1. SCARIFY THE SIDES OF THE PLANTING HOLE PRIOR TO PLACING MODIFIED SOIL.
2. ALL MULCH AND WOOD CHIPS SHALL BE REMOVED FROM THE CROWN OF THE TREE, NOT COVERING ANY PART OF THE TRUNK.
3. PRUNE ONLY AFTER REVIEW WITH LANDSCAPE ARCHITECT.



2 TREE PLANTING
SCALE: 3/8" = 1'-0"

NOTE:

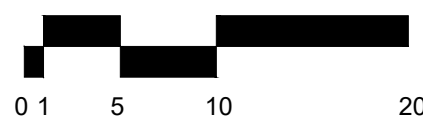
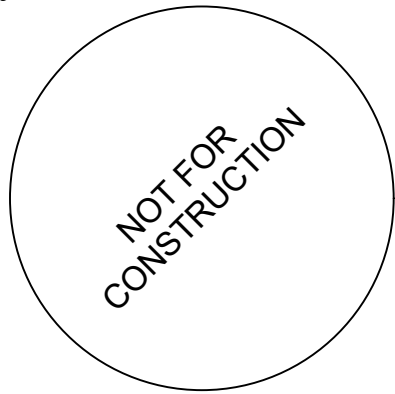
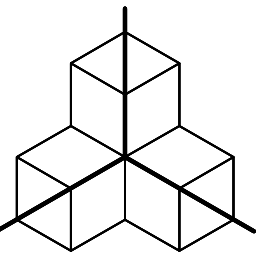
1. ALL MULCH AND WOOD CHIPS SHALL BE REMOVED FROM THE CROWN OF THE PLANT, NOT COVERING ANY PART OF THE STEM OR FOLIAGE.
2. SEPARATE AND SPREAD POT-BOUND ROOTS.



3 SHRUB PLANTING
SCALE: 3/8" = 1'-0"

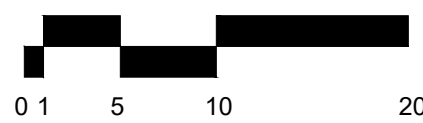
PLANTING PLAN NOTES:

1. ALL PLANTING AREAS SHALL BE PREPARED IN THE MANNER OUTLINED IN MEDFORD DEVELOPMENT CODE SECTION 10.780.
2. ALL NON-STORMWATER FACILITY PLANTED AREAS SHALL RECEIVE 3" OF UNSETTLED ORGANIC MULCH, SEE SPECS.
3. ALL STORMWATER FACILITY LANDSCAPE AREAS SHALL RECEIVE 2" OF UNSETTLED WOOD CHIPS PER RVSS STORMWATER QUALITY MANUAL, SEE SPECS.
4. PLACE PLANTS FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
5. REFER TO SPECIFICATION SECTIONS 32 91 13 AND 32 93 00 FOR ALL PLANTING AND TOPSOIL REQUIREMENTS.
6. REPAIR ANY PORTION OF THE ATHLETIC FIELDS DAMAGED DURING CONSTRUCTION BY HYDROSEEDING TO MATCH EXISTING CONDITIONS.
7. ALL TREES SHALL BE BALL AND BURLAP OR EQUIVALENT.
8. EXAMINE SITE FOR CONDITIONS THAT WILL ADVERSELY EFFECT EXECUTION, PERFORMANCE, QUALITY OF WORK, AND SURVIVAL OF PLANT MATERIAL.
9. PROTECT UTILITY LINES AND SITE IMPROVEMENTS.
10. PRIOR TO PLANTING, PROTECT PLANTS AGAINST DAMAGE AND DEHYDRATION. STORE POTTED PLANT MATERIALS IN SHADE AND PROTECT AGAINST HARMFUL WEATHER. PROVIDE ADDITIONAL WATER TO PLANTS PRIOR TO PLANTING.
11. WHERE DRAWING INDICATES ROW PLANTING, FURNISH PLANTS WITH MATCHING FORM.
12. PROTECT EX TREE ROOTS TO THE MAXIMUM EXTENT POSSIBLE. WHEN TREE ROOTS ARE ENCOUNTERED DURING PLANTING, ADJUST PLANT PLACEMENT OF NEW PLANTS RATHER THAN CUTTING ROOTS.



1 PLANTING PLAN

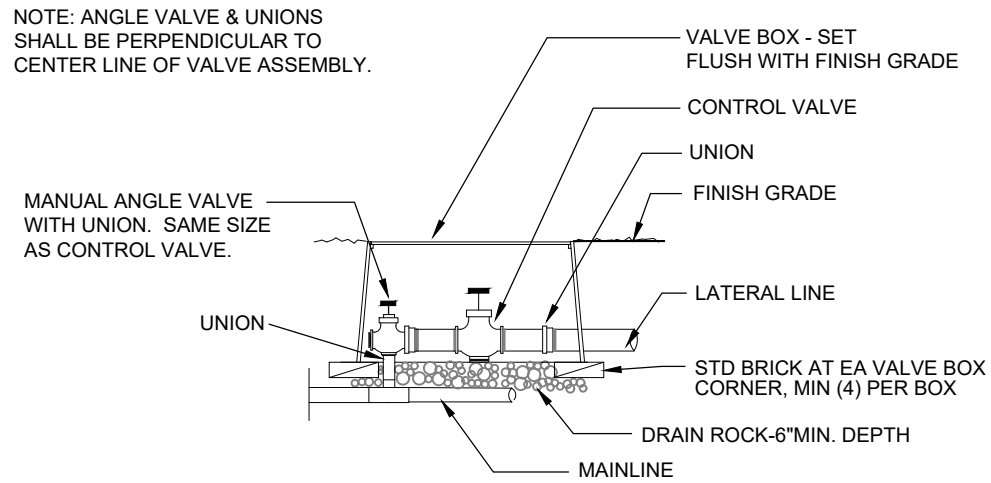
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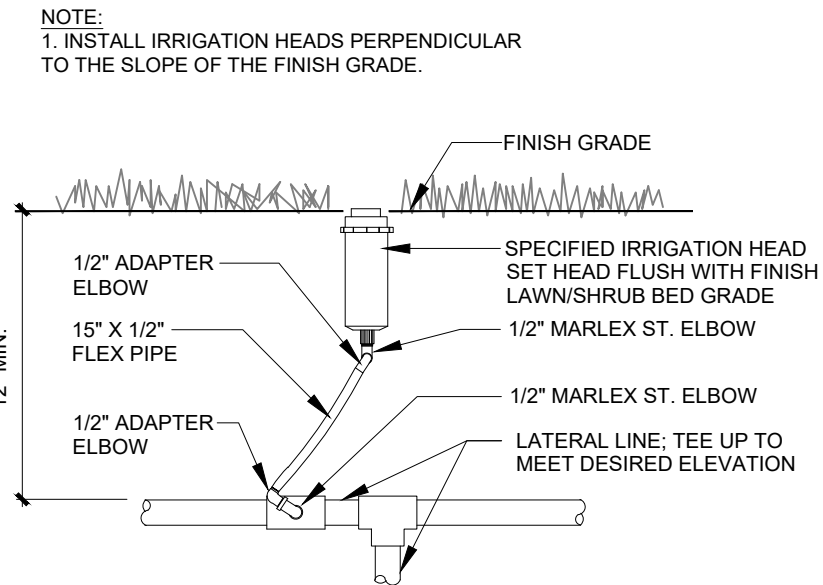
IRRIGATION LEGEND

SYMBOL	RADIUS	ARC	GPM	PSI	NOZZLE	SPRAY HEAD
	14	360	1.27	45	R-VAN14-360	1800-SAM-P45 SERIES
	14	270	.94	45	R-VAN14	1800-SAM-P45 SERIES
	14	180	.63	45	R-VAN14	1800-SAM-P45 SERIES
	14	90	.32	45	R-VAN14	1800-SAM-P45 SERIES
	5'-15'	--	.25	45	RZWS-18-25	1800-SAM-P45 SERIES
	5'-30'	--	.24	45	R-VAN-LCS	1800-SAM-P45 SERIES
	5'-15'	--	.48	45	R-VAN-SST	1800-SAM-P45 SERIES
	5'-15'	--	.24	45	R-VAN-RCS	1800-SAM-P45 SERIES

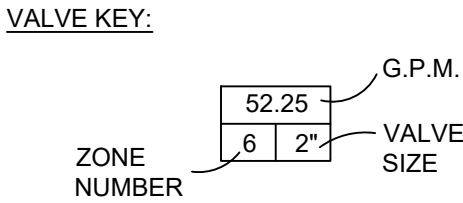
SYMBOL	
	HUNTER ICV GLOBE VALVE W/ FLOW CONTROL
	HUNTER HQ-44-LRC-R QUICK COUPLING VALVE
	MAIN LINE ISOLATION VALVE, AS SPECIFIED. LINE SIZE
	MAIN LINE, SIZE AS NOTED.
	LATERAL LINE, SCH 40 PVC. SIZE AS NOTED.
	EXISTING MAIN LINE
	EXISTING LATERAL LINE
	AREA OF EXISTING IRRIGATION RECONFIGURATION
	JUNCTION BOX



2 CONTROL VALVE

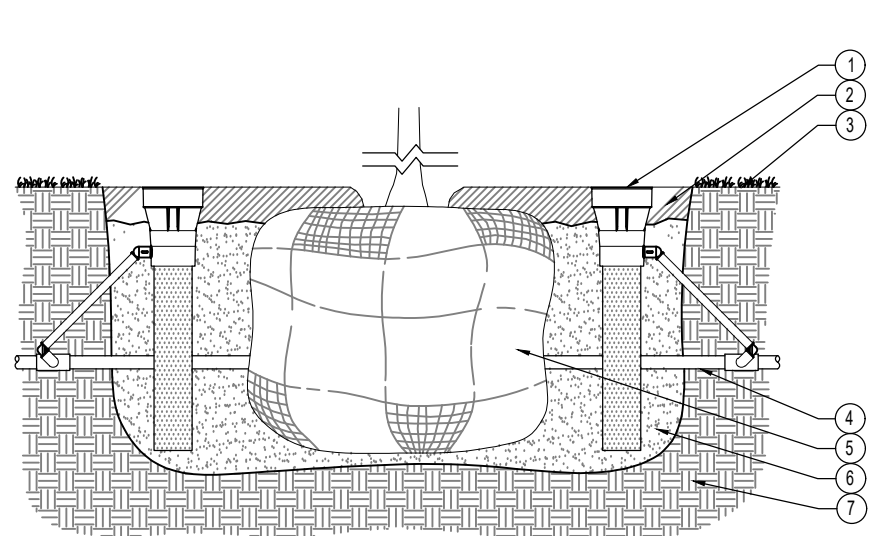


3 SPRAY HEAD



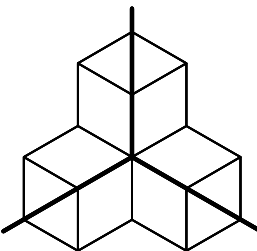
IRRIGATION NOTES:

- THE LANDSCAPE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION.
- INSTALL IRRIGATION SYSTEM IN COMPLIANCE WITH CODES AND ORDINANCES OF ALL JURISDICTIONAL AGENCIES.
- VERIFY BACKFLOW PREVENTION DEVICE IS OPERATIONAL AND HAS BEEN APPROVED BY THE APPROPRIATE AUTHORITY.
- IRRIGATION WILL BE AN AUTOMATIC SYSTEM AND WILL UTILIZE THE EXISTING MAIN LINE CONNECTIONS, VALVES, WIRE, AND BACKFLOW PREVENTION DEVICE OF THE ORIGINAL IRRIGATION SYSTEM WHEN POSSIBLE. IT IS THE CONTRACTORS RESPONSIBILITY TO ASSESS THE EXISTING IRRIGATION SYSTEM FOR ADAPTATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH GRADE DIFFERENCES, WALL/HARDSCAPE LOCATIONS, ETC. TO COORDINATE WORK FOR THE INSTALLATION OF IRRIGATION PIPE SLEEVES UNDER PAVEMENT.
- CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF SUFFICIENTLY SIZED SLEEVES FOR CONTROL WIRES AND NON-PRESSURE LATERAL LINE PIPING UNDER PAVED AREAS, IN ADDITION TO CONTROL WIRES AND LATERAL LINE PIPING.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND ADJUSTING IRRIGATION COMPONENTS TO DELIVER A FULLY OPERATIONAL SYSTEM WITH COMPLETE COVERAGE.
- SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE AT ALL IRRIGATED AREAS.
- PREVENT OVERSPRAY ONTO WALKS, ROADWAYS, WALLS, FENCES AND BUILDINGS.
- THE PIPING LAYOUT IS DIAGRAMMATIC. PLACE PIPES TOGETHER IN A COMMON TRENCH WHENEVER POSSIBLE. ADJUST LINES IN THE FIELD AS NEEDED TO AVOID CONFLICTS.
- IRRIGATION LATERALS ARE SIZED STARTING AT VALVE AND CONTINUING IN DIRECTION OF FLOW.
- PROVIDE 12" POP-UP SPRINKLER HEADS FOR ALL SHRUB BEDS, AND 6" POP-UP SPRINKLERS FOR ALL LAWN AREAS UNLESS NOTED OTHERWISE.
- USE 2-WIRE CONTROL WIRE TO TIE INTO THE EXISTING CONTROLS.
- INSTALL PRESSURE REGULATOR ON MAIN LINE AS REQUIRED TO ACHIEVE SPECIFIED PSI RATINGS.
- INSTALL IN-LINE CHECK VALVES AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.
- INSTALL AIR RELIEF VALVES ON MAIN LINE AS RECOMMENDED BY THE MANUFACTURER.
- IRRIGATION CONTROLLER IS LOCATED WITHIN THE EXISTING CAMPUS, COORDINATE WITH OWNER.



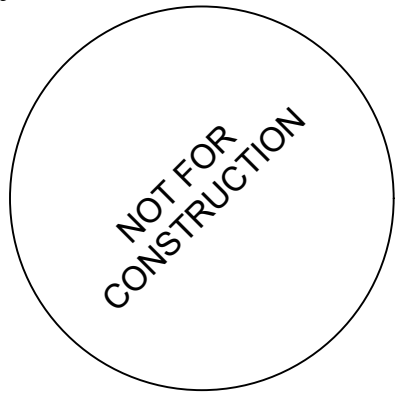
4 ROOT ZONE SYSTEM

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Project

Consultant

Revisions

No.	Description	Date
1	Revision 1	MM/DD/YYYY

Issuance

LAND USE

Date

02/05/26

Project Number

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Drawing Title

IRRIGATION PLAN

Sheet No

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