

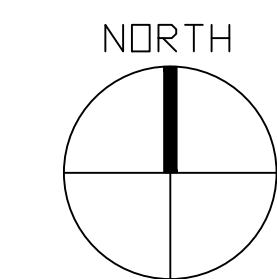
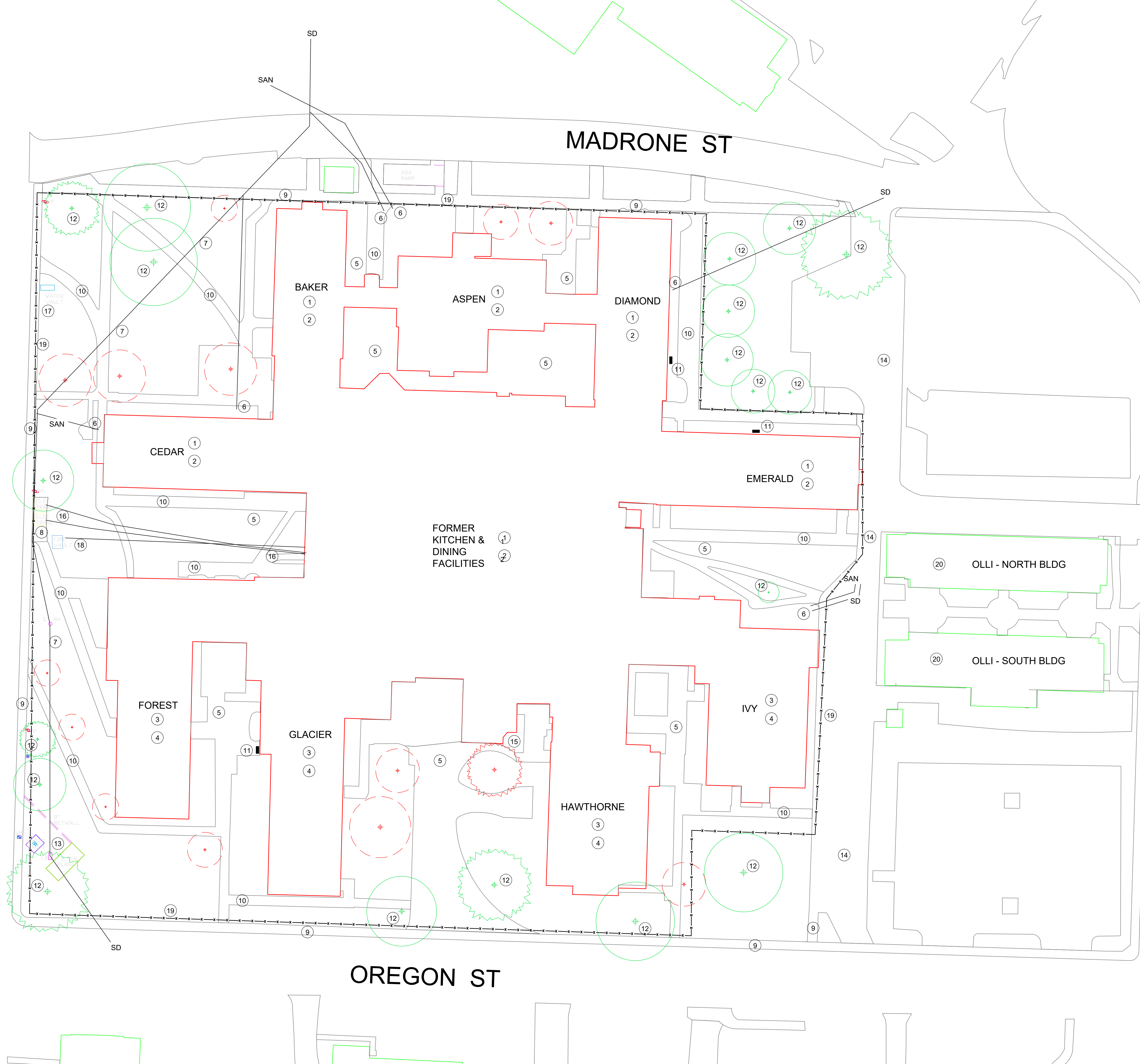


DEMOLITION KEY NOTES

- ① DEMOLISH ENTIRE STRUCTURE DOWN TO FLOOR SLAB
- ② FRACTURE BUILDING FLOOR SLABS IN PLACE PER SPEC SECTION 312000
- ③ DEMO ENTIRE STRUCTURE INCLUDING FLOOR SLABS. REFER TO SPEC SECTION 017419 AND 312000 FOR CRUSHING & RECYCLING CONCRETE & MASONRY ON SITE.
- ④ REFER TO SHEET A102 AND SECTION 312000 FOR RECYCLING CRUSHED AGGREGATES ON SITE
- ⑤ REMOVE ALL TREES, SHRUBS AND SITE IMPROVEMENTS BETWEEN AND ADJACENT TO BUILDINGS. REFER TO SECTION 312000 FOR SITE DEMOLITION WORK SCOPE
- ⑥ PLUG STORM OR SANITARY PIPE WHERE IT EXITS THE WORK AREA. MARK LOCATION OF ABANDONED UTILITY
- ⑦ EXISTING STORM DRAIN TO REMAIN
- ⑧ PROTECT ELECTRICAL TRANSFORMERS
- ⑨ EXISTING SIDEWALK TO REMAIN
- ⑩ REMOVE EXISTING SIDEWALKS AND/OR STAIRS
- ⑪ REMOVE MINI-SPLIT COMPRESSOR AND ASSOCIATED EQUIPMENT. HVAC UNITS SHALL BE EVACUATED BY A LICENSED HVAC CONTRACTOR PRIOR TO DEMOLITION
- ⑫ TREE TO REMAIN
- ⑬ PROTECT IRRIGATION EQUIPMENT
- ⑭ PROTECT PAVED DRIVEWAY
- ⑮ GAS METER AND SERVICE TO BE REMOVED BY AVISTA
- ⑯ REMOVE ELECTRICAL CONDUITS AND CONDUCTORS BETWEEN TRANSFORMERS AND BUILDING. COORDINATE WORK WITH CITY ELECTRIC DEPARTMENT
- ⑰ PROTECT WATER VAULT. DISCONNECT AND REMOVE DOWNSTREAM PIPING
- ⑱ PROTECT FIRE VAULT. DISCONNECT AND REMOVE PIPE BETWEEN VAULT AND BUILDING
- ⑲ PERIMETER WORK SITE FENCE: 6'-0" CHAIN LINK WITH LOCKING GATES
- ⑳ OCCUPIED BUILDINGS

ATTACHMENT B (ITB2025-13)

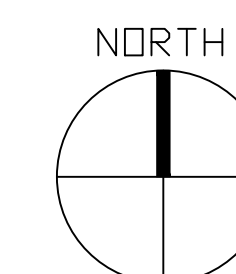
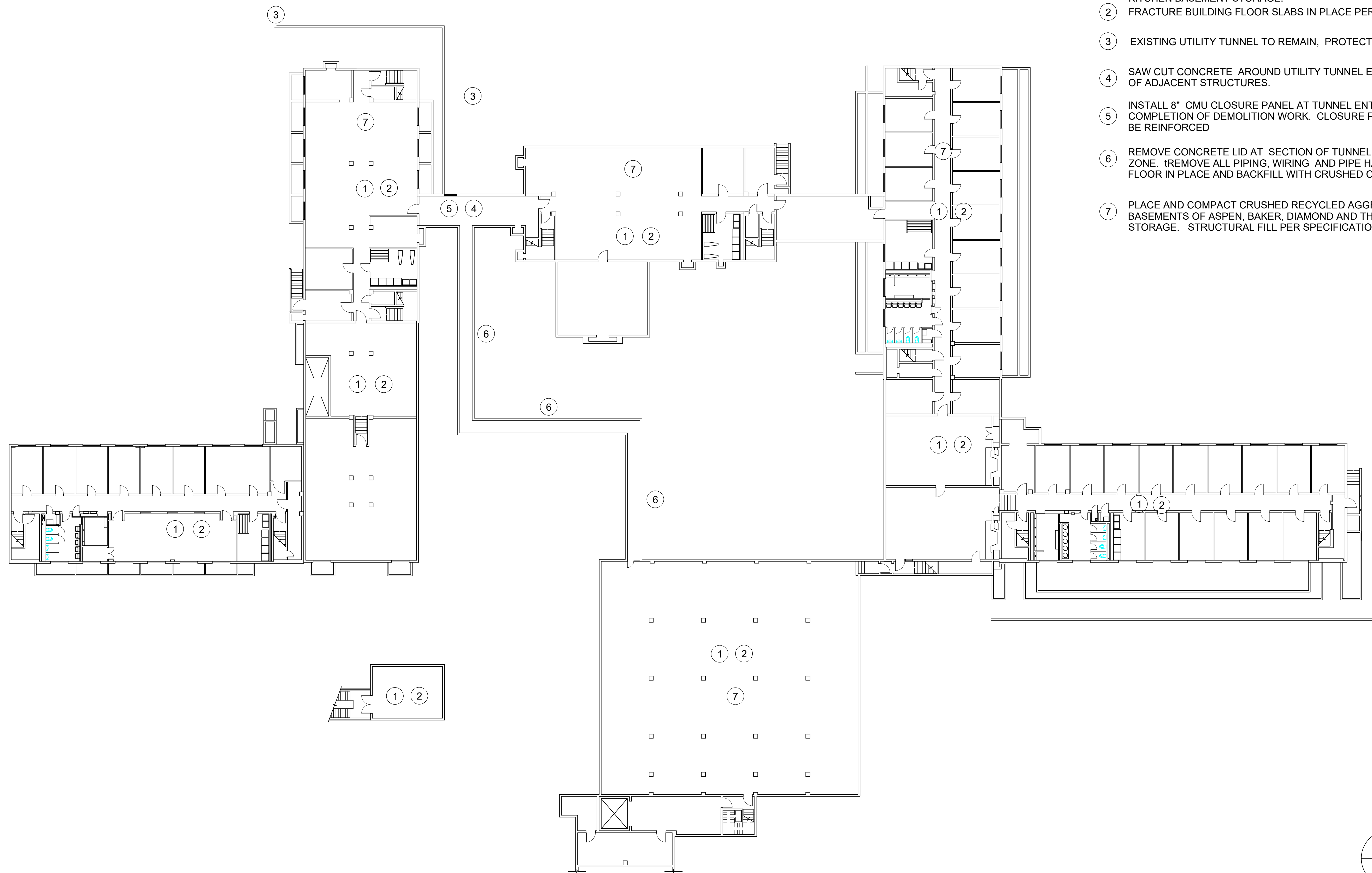
- Drawing Index:
- A100 Site Demolition Plan
 - A101 Basement Demo Plan
 - A102 Ground Floor Demo Plan
 - C0,10 ESC Cover Sheet
 - C0.11 ESC Control Notes
 - C0.13 ESC Existing Conditions
 - C0.14 ESC Clearing & Demo Plan
 - C0.15 ESC Grading & Utility Installation
 - C0.16 ESC Landscaping & Stabilization
 - C0.17 ESC Control Details
 - C0.18 ESC Control Details
 - C1.00 Post Demo Drainage Plan





DEMOLITION KEY NOTES

- ① DEMOLISH ENTIRE STRUCTURE DOWN TO FLOOR SLAB IN ASPEN, BAKER, CEDAR, DIAMOND, EMERALD HALLS AND THE FORMER KITCHEN BASEMENT STORAGE.
- ② FRACTURE BUILDING FLOOR SLABS IN PLACE PER SPEC SECTION 312000
- ③ EXISTING UTILITY TUNNEL TO REMAIN, PROTECT FROM DAMAGE
- ④ SAW CUT CONCRETE AROUND UTILITY TUNNEL ENTRY PRIOR TO DEMO OF ADJACENT STRUCTURES.
- ⑤ INSTALL 8" CMU CLOSURE PANEL AT TUNNEL ENTRANCE AFTER COMPLETION OF DEMOLITION WORK. CLOSURE PANEL DOES NOT NEED TO BE REINFORCED
- ⑥ REMOVE CONCRETE LID AT SECTION OF TUNNEL LOCATED IN DEMOLITION ZONE. REMOVE ALL PIPING, WIRING AND PIPE HANGERS. FRACTURE TUNNEL FLOOR IN PLACE AND BACKFILL WITH CRUSHED CONCRETE PER SPEC.
- ⑦ PLACE AND COMPACT CRUSHED RECYCLED AGGREGATE FILL IN THE BASEMENTS OF ASPEN, BAKER, DIAMOND AND THE KITCHEN BASEMENT STORAGE. STRUCTURAL FILL PER SPECIFICATION SECTION 312300.



SCALE: 1/8"=1'-0" (24X36)

BID SET

BASEMENT PLAN

Project ITB2025-13

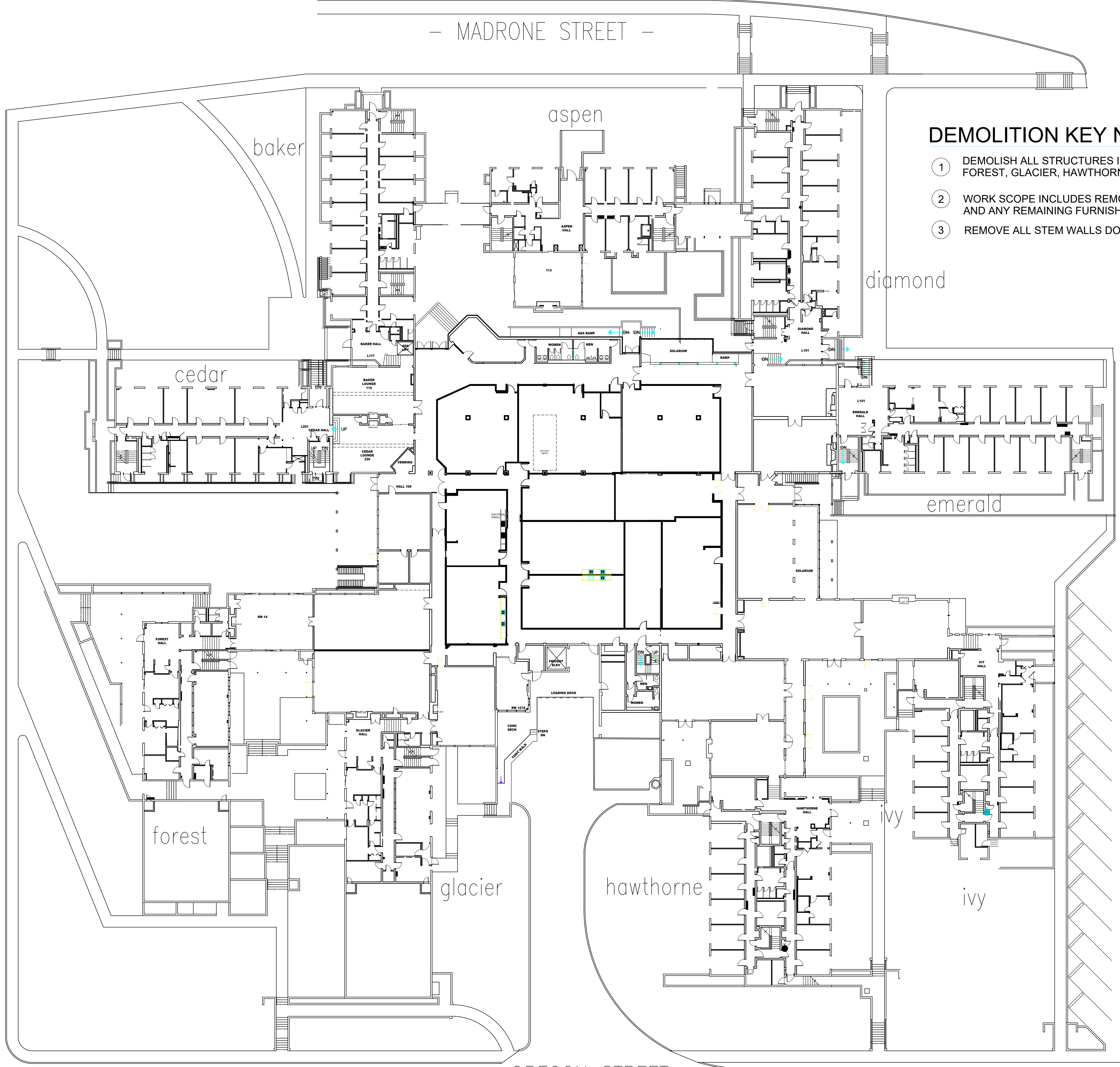
A100

Date: 11.22.2024

— MADRONE STREET —

— INDIANA STREET —

— OREGON STREET —



DEMOLITION KEY NOTES

- ① DEMOLISH ALL STRUCTURES INCLUDING FLOOR SLABS AT FOREST, GLACIER, HAWTHORNE AND IVY
- ② WORK SCOPE INCLUDES REMOVAL OF ALL FIXTURES, EQUIPMENT, AND ANY REMAINING FURNISHINGS.
- ③ REMOVE ALL STEM WALLS DOWN TO 2 FEET BELOW SLABS.

Southern Oregon University
 Facilities Management & Planning
 351 Walker Avenue
 Ashland, Oregon 97520
 phone: 541 552 6231
 www.fmp.sou.edu



SOU CASCADE COMPLEX
 DEMOLITION
 1450 MADRONE STREET, ASHLAND, OR

Revisions:

No.	Date	Description

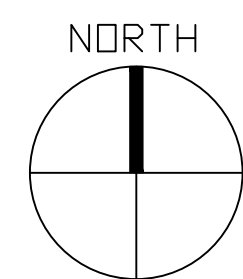
SCALE: 1"=20 FT (24X36)

BID SET
 GROUND FLOOR PLAN

Project ITB2025-13

A102

Date: 11.22.2024



SOU CASCADE HALL EROSION AND SEDIMENT CONTROL PLAN

1350 SISKIYOU BOULEVARD, ASHLAND, OR 97520



45 Hawthorne Street, Suite 5, Medford, Oregon 97504 | 541-500-8588

SOUTHERN OREGON UNIVERSITY
1250 SISKIYOU BOULEVARD
ASHLAND, OR 97520
SOU CASCADE HALL ESCP



PROJECT INFORMATION

EROSION AND SEDIMENT CONTROL PACKAGE SHEET INDEX

EROSION AND SEDIMENT CONTROL COVER SHEET
DEQ EROSION AND SEDIMENT CONTROL NOTES

- C0.13 EXISTING CONDITIONS ESC PLAN
- C0.14 CLEARING AND DEMOLITION ESC PLAN
- C0.15 GRADING AND UTILITY INSTALLATION ESC PLAN
- C0.16 LANDSCAPING AND FINAL STABILIZATION ESC PLAN

- C0.17 EROSION AND SEDIMENT CONTROL DETAILS
- C0.18 EROSION AND SEDIMENT CONTROL DETAILS

PROJECT TEAM

CIVIL ENGINEER OF RECORD
SYLAS E. ALLEN, PE
CONTACT: BLAKE DAVIS, PE
ZCS ENGINEERING & ARCHITECTURE
45 HAWTHORNE STREET
MEDFORD, OR 97504
(541) 500-8588

OWNER
SOUTHERN OREGON UNIVERSITY
CONTACT: JIM MCNAMARA
1250 SISKIYOU BOULEVARD
ASHLAND, OR 97520
(541) 552-7672

PROJECT INFORMATION

SITE LOCATION: SOUTHERN OREGON UNIVERSITY
1350 SISKIYOU BOULEVARD
ASHLAND, OR 97520
JACKSON COUNTY
LATITUDE = 42.183277
LONGITUDE = -122.691290

TAX MAP(S)/TAX LOT(S): T39S-R01E-S15BA, LOT 3100

SITE ACREAGE: TOTAL OVERALL = ±480,902 SF = ±11.04 ACRES

ZONING: SOU

TOTAL DISTURBED AREA: TOTAL OVERALL = ±181,983 SF = ±4.18 ACRES

SITE SOIL CLASSIFICATION: NRCS DESIGNATED SHEFFLEIN LOAM (1640)
"K" FACTOR OF 0.32
"T" FACTOR OF 4
HYDROLOGIC SOIL GROUP "C"
SLOPES 7% - 20%
EROSION POTENTIAL IS LOW TO MODERATE

RECEIVING WATER BODY: NEAREST WATER BODY - BEAR CREEK
DOWNSTREAM WATER BODY - ROGUE RIVER

CLOSEST RAIN GAUGE: ELKADER STATION - KORASHLA138
2198 FT ELEVATION
42.18° N, 122.70° W

NATURE OF CONSTRUCTION ACTIVITIES AND ESTIMATED TIME TABLE

- CLEARING AND DEMOLITION (JANUARY 2025 THROUGH MAY 2025)
- UTILITY INSTALLATION (MARCH 2025)
- LANDSCAPING AND FINAL STABILIZATION (JUNE 2025)

PROJECT SPECIFIC ESC INFORMATION

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS
THE EXISTING SITE CONSIST OF AN OLD COLLEGE RESIDENTS, CASCADE HALL. THE BUILDING IS TO BE DEMOLISHED. ALL EXISTING PRIVATE UTILITIES ARE BEING REMOVED AND CAPPED AT MAIN LINES.

REDEVELOPED CONDITIONS
AFTER DEMOLISHING THE EXISTING RESIDENT HALL THE SITE WILL BE HYDROSEED FOR PERMANENT STABILITY. A NEW STORMWATER CONVEYANCE DITCH AND DITCH INLET WILL BE INSTALLED ON THE NORTH END OF THE PROPERTY TO CONTROL DRAINAGE OFF THE SITE. THE OUTFALL FOR THE DITCH INLET WILL BE CONNECTED TO THE EXISTING MAIN THAT RUNS THROUGH THE SITE.

BMP MATRIX BY PHASE

	EXISTING CONDITIONS & MOBILIZATION	DEMO, CLEARING & GRADING	EXCAVATION & LAND DEVELOPMENT	PAVING & UTILITIES	VERTICAL CONSTRUCTION	LANDSCAPING & FINAL STABILIZATION
EROSION PREVENTION						
GROUND COVER	X	X	X	X		X
PLASTIC SHEETING			X	X		X
DUST CONTROL	X	X	X	X		
TEMPORARY STABILIZATION		X	X			
PERMANENT STABILIZATION		X	X	X		X
SEDIMENT CONTROL						
SEDIMENT FENCE (EXTERIOR)	X	X	X	X		
SEDIMENT FENCE (INTERIOR)			X	X		
INLET PROTECTION	X	X	X	X		
RUNOFF CONTROL						
CONSTRUCTION ENTRANCE	X	X	X	X		
NEW OUTLET PROTECTION			X	X		
EXISTING INLET PROTECTION	X	X	X	X		
NEW INLET PROTECTION			X	X		
POLLUTION PREVENTION						
HAZARD WASTE MANAGEMENT	X	X	X	X		X
SPILL KIT ONSITE	X	X	X	X		X
CONCRETE TRUCK WASHOUT			X	X		

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

ATTENTION EXCAVATORS:
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 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO (2) BUSINESS DAYS BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

PROJECT SPECIFIC ESC INFORMATION

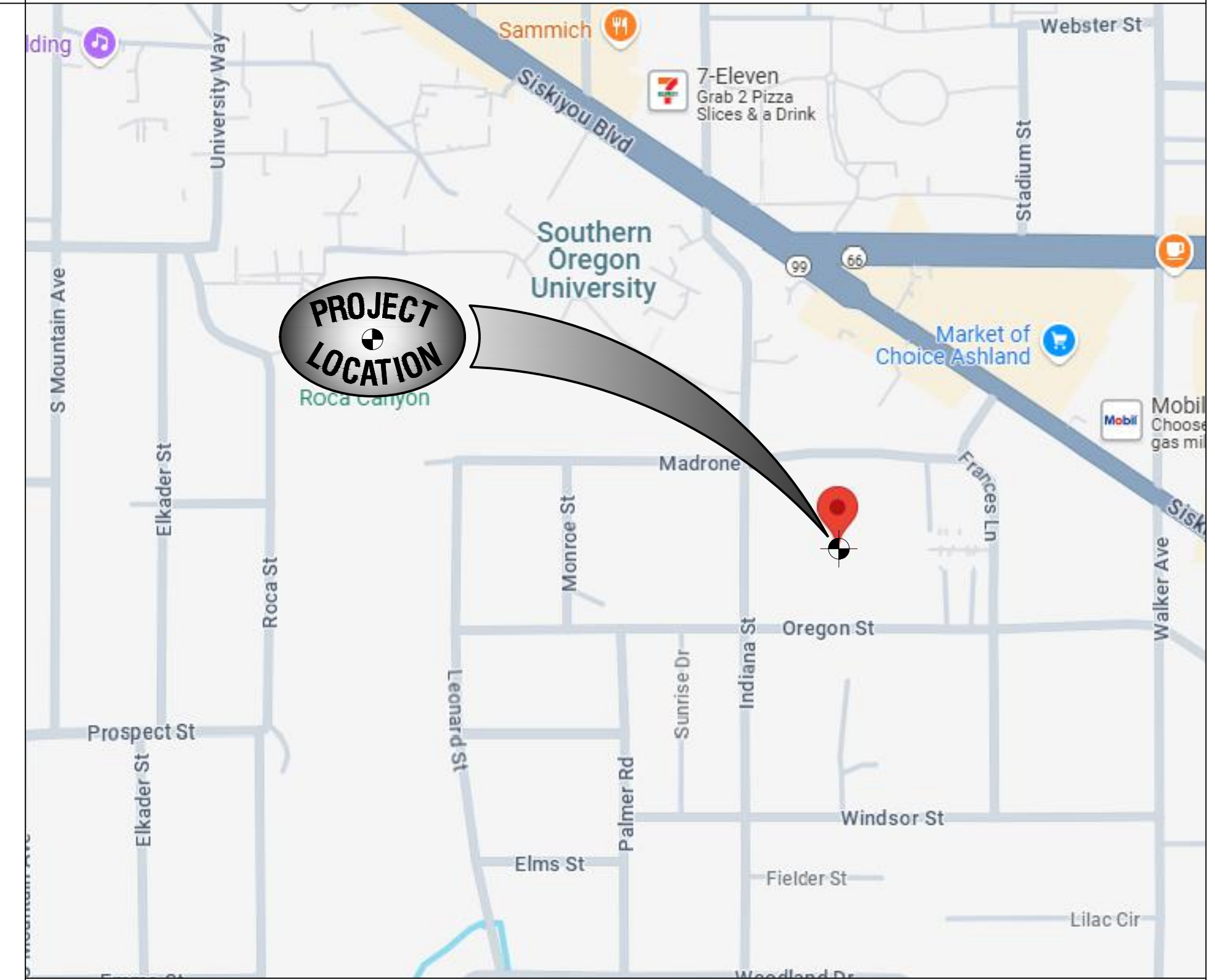
PERMITTEE'S SITE INSPECTOR

NAME: ZACK WILLIAMS
COMPANY: SOUTHERN OREGON UNIVERSITY
1250 SISKIYOU BOULEVARD
ASHLAND, OR 97520
PHONE: (541) 552-6117
EMAIL: WILLIAMSZ3@SOU.EDU
CERTIFICATION: RVSS #539

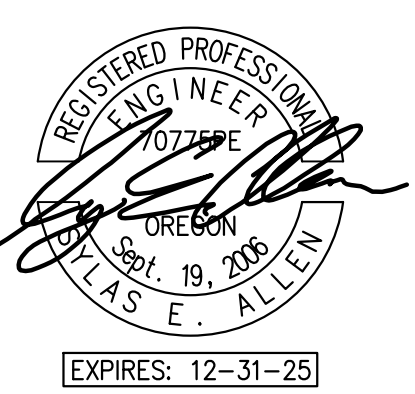
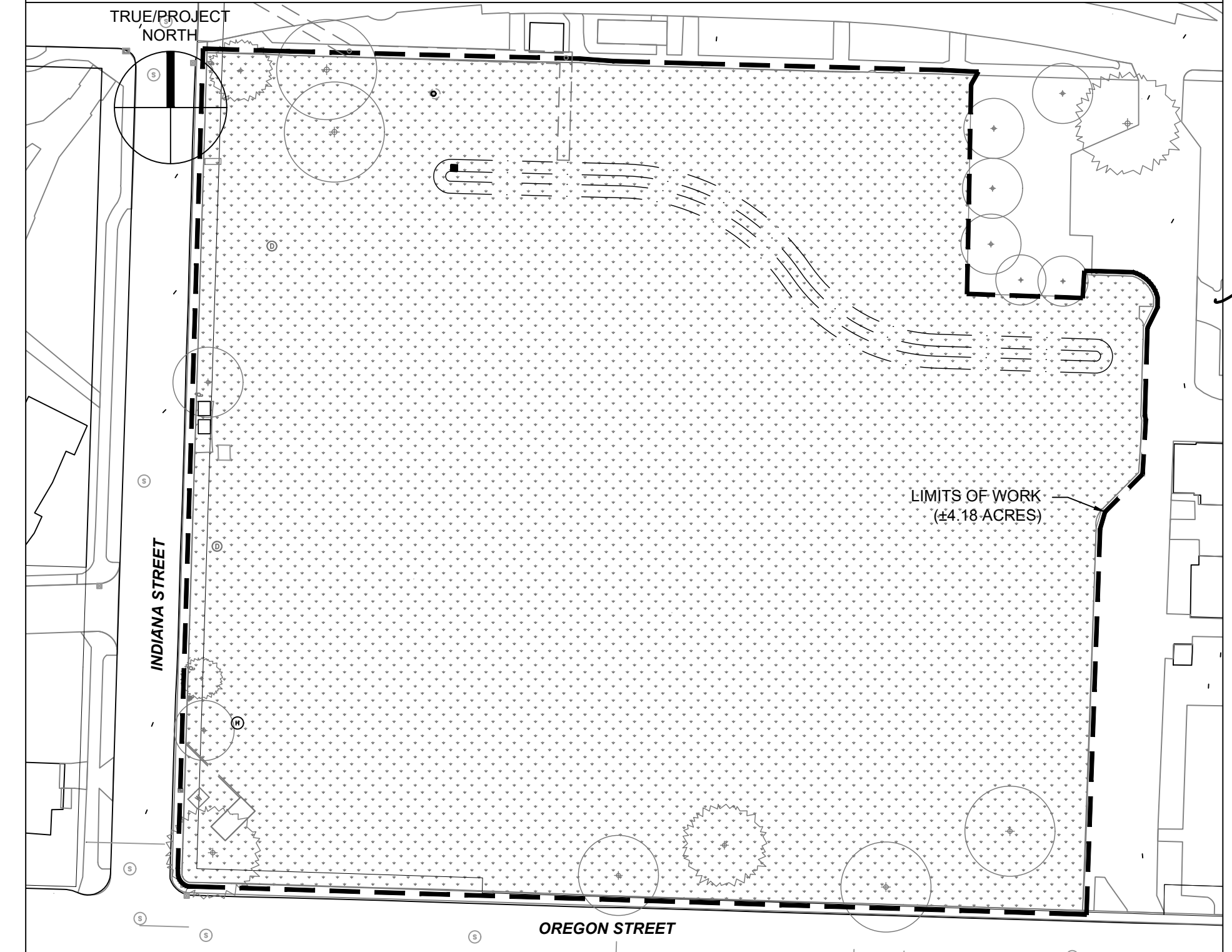
INSPECTION FREQUENCY TABLE <small>REVISED BY DEQ 12/15/20</small>	
SITE CONDITION	MINIMUM FREQUENCY
ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE.
INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	AT LEAST ONCE EVERY FOURTEEN (14) DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING. THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.
PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE, AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.
- NEWLY SEEDED AREAS SHALL BE INSPECTED FREQUENTLY TO ENSURE THE GRASS IS GROWING. PROVIDE TEMPORARY IRRIGATION AS REQUIRED TO GERMINATE & ESTABLISH SEED. SEE SEEDING REQUIREMENTS FOR ADDITIONAL INFORMATION, TYPICAL.
- IF SEEDED AREAS ARE DAMAGED DUE TO RUNOFF, ADDITIONAL BMP'S MAY BE NEEDED. RE-SEED DAMAGED AREAS IMMEDIATELY. SEE SEEDING REQUIREMENTS FOR ADDITIONAL INFORMATION TYPICAL.

VICINITY MAP



SITE PLAN



DESCRIPTION	DATE

PROJECT NO: M-0396-24
DRAWN: KAK
CHECKED: BJD
DATE: 11-22-24

EROSION AND SEDIMENT CONTROL COVER SHEET

C0.10 DEQ 1200-C

ONE INCH EQUALS FULL SCALE

DEQ 1200-C GENERAL EROSION CONTROL NOTES:

REVISED 12/15/2020

- 1. INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER [SECTION 4.10]), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. [SECTION 4.4.c.i]
2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. [SECTION 6.5]
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. [SECTION 6.5.g]
4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. [SECTION 4.7]
5. THE PERMIT REGISTRANT MUST IMPLEMENT THE ESP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. [SECTIONS 4 AND 4.1.1]
6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. [SECTION 4.8]
7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMITTAL ALL NECESSARY REVISIONS TO DEQ OR AGENT WITHIN 10 DAYS. [SECTION 4.9]
8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. [SECTION 2.2.2]
9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. [SECTION 2.2.3]
10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G. WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER ZONES. [SECTION 2.2.1]
11. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING AND CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. [SECTION 2.2.5]
12. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN 50-FEET OF WATERS OF THE STATE. [SECTION 2.2.4]
13. INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION, AS WELL AS SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. [SECTION 2.1.3]
14. CONTROL BOTH PEAK FLOW RATE AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAM BANKS. [SECTIONS 2.1.1 AND 2.2.16]
15. CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. [SECTIONS 2.2.6 AND 2.2.13]
16. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. [SECTION 2.3.7]
17. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. [SECTIONS 2.2.20 AND 2.2.21]
18. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. [SECTION 2.3.7]
19. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G. A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G. SECONDARY CONTAINMENT). [SECTION 2.3.7]
20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMP'S SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMP'S MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. [SECTION 2.2.7]
21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. [SECTION 2.2.7.f]
22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE. CONCRETE WASHOUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. [SECTIONS 1.5 AND 2.3.9]
23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES AREA NOT OCCURRING ARE NOT DISTURBED. [SECTION 2.2.10]
24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION ARE TO BE INSTALLED. [SECTION 2.2.12]
25. USE BMP'S TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. [SECTIONS 2.2.15 AND 2.3]
26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. [SECTION 2.2.17.a]
27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. [SECTIONS 2.2.17 AND 2.2.18]
28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. [SECTION 2.4]
29. IMPLEMENT THE FOLLOWING BMP'S WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. [SECTION 2.3]
30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. [SECTION 2.2.9]

DEQ 1200-C GENERAL EROSION CONTROL NOTES (CONT.):

- 31. THE APPLICATION RATE OF FERTILIZERS USED TO RE-ESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. [SECTION 2.3.5]
32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ PRIOR TO OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. [SECTION 1.2.9]
33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THE SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. [SECTION 2.2]
34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. [SECTION 2.2.8]
35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVEGROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. [SECTION 2.1.5.b]
36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. [SECTION 2.1.5.c]
37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. [SECTION 2.1.5.d]
38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT REOCCURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. [SECTION 2.2.19.a]
39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. [SECTION 2.2.19]
40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. [SECTION 6.5.f]
41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. [SECTION 2.2.20]
42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE. [SECTION 2.2.21]

POLLUTION PREVENTION CONTROLS:

PROVIDE AN EFFECTIVE MEANS OF ELIMINATING THE DISCHARGE OF ANY WASTE FROM ANY ACTIVITIES PERFORMED ON SITE BY IMPLEMENTING THE FOLLOWING:

- a. LOCATE ACTIVITIES AWAY FROM WATERS OF THE STATE AND STORMWATER INLETS OR CONVEYANCES SO THAT STORMWATER COMING INTO CONTACT WITH THESE ACTIVITIES CANNOT REACH WATERS OF THE STATE.
b. ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO HANDLE SPILLS, LEAKS, AND DISPOSAL OF LIQUIDS, AND PROVIDE SECONDARY CONTAINMENT (E.G. SPILL BERMS, DECKS, SPILL CONTAINMENT PALLETES);
c. HAVE A SPILL KIT AVAILABLE ON SITE AND ENSURE PERSONNEL ARE AVAILABLE TO RESPOND EXPEDITIOUSLY IN THE EVENT OF A LEAK OR SPILL;
d. CLEAN UP SPILLS OR CONTAMINATED SURFACES IMMEDIATELY USING DRY CLEAN UP MEASURES (DO NOT CLEAN CONTAMINATED SURFACES BY HOSING THE AREA DOWN), AND ELIMINATE THE SOURCE OF THE SPILL TO PREVENT A DISCHARGE OR A CONTINUATION OF AN ONGOING DISCHARGE; AND
e. STORE MATERIALS IN A COVERED AREA (E.G. PLASTIC SHEETING, TEMPORARY ROOFS), OR IN SECONDARY CONTAINMENT TO PREVENT THE EXPOSURE OF THESE CONTAINERS TO PRECIPITATION OR STORMWATER RUNOFF, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS.

PRE-CONSTRUCTION, CLEARING, & DEMOLITION NOTES:

- 1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE SEDIMENT FENCE, BERMS CONSTRUCTED OUT OF MULCH, CHIPPINGS, OR OTHER SUITABLE MATERIAL, STRAW WATTLE, OR OTHER APPROVED MATERIALS.
3. SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
5. RUN-ON AND RUN-OFF CONTROLS SHALL BE IN PLACE AND FUNCTIONING PRIOR TO BEGINNING SUBSTANTIAL CONSTRUCTION ACTIVITIES. RUN-ON AND RUN-OFF CONTROL MEASURES INCLUDE: SLOPE DRAINS (WITH OUTLET PROTECTION), CHECK DAMS, SURFACE ROUGHENING, AND BANK STABILIZATION.

EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION NOTES:

- 1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
3. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1
4. STORM WATER FACILITIES SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.
5. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
6. ALL ESC MEASURES AT NEW STORM DRAIN SYSTEM CATCH BASINS AND DOWNSTREAM OFF-SITE CULVERTS SHALL REMAIN IN PLACE UNTIL ALL PHASES OF CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND ASPHALT/CONCRETE/LANDSCAPING HAS BEEN INSTALLED.
7. THE ABOVE REQUIREMENTS SHALL BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS REQUIRED TO FACILITATE CONSTRUCTION. ALL COSTS FOR EROSION CONTROL MEASURES SHALL BE BORN BY THE CONTRACTOR.
8. THIS PLAN HAS BEEN PREPARED TO ADDRESS THE OVERALL PRIMARY EROSION CONTROL MEASURES THAT MUST BE IMPLEMENTED FOR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST SPECIFIC EROSION CONTROL MEASURES TO ACCOMMODATE FOR ADDITIONAL PHASED CONSTRUCTION. ANY MODIFICATIONS TO THIS PLAN SHALL BE REVIEWED AND APPROVED BY THE AGENCIES HAVING JURISDICTION AND THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF WORK.

AUTHORIZED NON-STORMWATER DISCHARGES:

THE FOLLOWING NON-STORMWATER DISCHARGES FROM CONSTRUCTION SITES ARE AUTHORIZED IF THE TERMS AND CONDITIONS OF THIS PERMIT ARE MET, ALL NECESSARY CONTROLS ARE IMPLEMENTED TO MINIMIZE SEDIMENT TRANSPORT, THE DISCHARGE IS NOT A SIGNIFICANT SOURCE OF POLLUTANTS AND NOT CONTAMINATED, AND THE DISCHARGE IS PROHIBITED BY LOCAL ORDINANCE.

- WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES
• FIRE HYDRANT FLUSHING
• PROPERLY MANAGED LANDSCAPE IRRIGATION
• WATER USED TO WASH EQUIPMENT AND VEHICLES (EXCLUDING THE ENGINE, UNDERCARRIAGE, AND WHEELS/TIRES) PROVIDED THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED
• WATER TO CONTROL DUST
• POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
• EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES
• PAVEMENT WASH WATERS, PROVIDED SPILLS OR LEAKS OF TOXIC OR HAZARDOUS SUBSTANCES HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED
• UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE
• FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS OR CONTAMINATED GROUNDWATER

PROHIBITED DISCHARGES:

THE FOLLOWING DISCHARGES ARE PROHIBITED DISCHARGES AND ARE NOT AUTHORIZED BY THIS PERMIT. TO PREVENT THESE DISCHARGES, REGISTRANTS MUST COMPLY WITH THE APPLICABLE POLLUTION PREVENTION REQUIREMENTS IN SECTION 2.3.

- VISUALLY TURBID DISCHARGE OR DISCHARGE OF SEDIMENT (SEE SECTION 2.2.11) FROM THE CONSTRUCTION SITE TO SURFACE WATERS OR A CONVEYANCE SYSTEM THAT LEADS TO WATERS OF THE STATE
• CAUSING OR CONTRIBUTING TO AN EXCEEDANCE OF ANY APPLICABLE WATER QUALITY STANDARD
• CONCRETE WASTEWATER FROM WASHING TOOLS AND VEHICLES AFTER POURING, PREPPING, OR FINISHING CONCRETE
• WASTEWATER FROM WASHING AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
• FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE; SPILL KITS IN ALL VEHICLES
• SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING OR EXTERNAL BUILDING WASHDOWN
• WHEEL/TIRE WASH WASTEWATER, UNLESS THE DISCHARGE OF WHEEL WASH OR TIRE BATH WASTEWATER IS TO A SEPARATE TREATMENT SYSTEM THAT PREVENTS DISCHARGE TO SURFACE WATER, SUCH AS CLOSED-LOOP RECIRCULATION OR UPLAND LAND APPLICATION, OR TO THE SANITARY SEWER WITH APPROVAL FROM THE LOCAL JURISDICTION
• HYDRO-DEMOLITION WATER AND SAW-CUTTING SLURRY
• TOXICS OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE

GRADING, PAVEMENT, AND UTILITY EROSION AND SEDIMENT CONSTRUCTION NOTES:

- 1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED:
A. VEGETATED CORRIDOR AREAS REQUIRE NATIVE SEED MIXES. SEE RESTORATION PLAN FOR APPROPRIATE SEED MIX.
B. DWARF GRASS MIX (MIN. 100 LB./AC.)
• DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
• CREEPING RED FESCUE (20% BY WEIGHT)
C. STANDARD HEIGHT GRASS MIX (MIN. 100LB./AC.)
• ANNUAL RYEGRASS (40% BY WEIGHT)
• TURF-TYPE FESCUE (60% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION, DURING "WET WEATHER" PERIODS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMP'S SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.

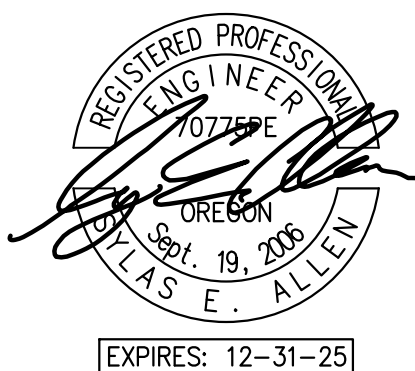
DEWATERING REQUIREMENT CONSTRUCTION NOTES:

PER DEQ 1200C PERMIT SECTION 2.4: THIS SECTION PERTAINS TO ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER DUE TO SHALLOW EXCAVATION ACTIVITIES, NOT FOR THE LOWERING OF CONTAMINATED GROUNDWATER (SEE SECTION 1.2.9). REGISTRANT MUST COMPLY WITH THE FOLLOWING REQUIREMENTS TO PREVENT THE DISCHARGE OF POLLUTANTS IN GROUNDWATER OR ACCUMULATED STORMWATER THAT IS REMOVED FROM EXCAVATIONS, TRENCHES, FOUNDATIONS, VAULTS, OR OTHER SIMILAR POINTS OF ACCUMULATION, IN ACCORDANCE WITH SECTION 1.5.

- a. TO THE EXTENT FEASIBLE, USE VEGETATED, UPLAND AREAS OF THE SITE TO INFILTRATE DEWATERING WATER BEFORE DISCHARGE. THE REGISTRANT IS PROHIBITED FROM USING WATERS OF THE STATE AS PART OF THE TREATMENT AREA.
b. IMPLEMENT THE APPROPRIATE CONTROL MEASURES FOR DEWATERING DISCHARGES TO PREVENT THE DISCHARGE OF POLLUTANTS;
c. DO NOT DISCHARGE VISIBLE FLOATING SOLIDS OR FOAM;
d. USE AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE (SUCH AS A CARTRIDGE FILTER) THAT IS DESIGNED TO REMOVE OIL, GREASE, OR OTHER PRODUCTS IF DEWATERING WATER IS FOUND TO CONTAIN THESE MATERIALS;
e. AT ALL POINTS WHERE DEWATERING WATER IS DISCHARGED, COMPLY WITH THE VELOCITY DISSIPATION REQUIREMENTS OF SECTION 2.2.16;
f. WITH BACKWASH WATER, EITHER HAUL IT AWAY FOR DISPOSAL OR RETURN IT TO THE BEGINNING OF THE TREATMENT PROCESS.
g. REPLACE AND CLEAN THE FILTER MEDIA USED IN DEWATERING DEVICES WHEN THE PRESSURE DIFFERENTIAL EQUALS OR EXCEEDS THE MANUFACTURER'S SPECIFICATIONS;
h. IF THERE IS NO ALTERNATIVE OPTION, THE USE OF A SANITARY OR COMBINED SEWER DISCHARGE IS AUTHORIZED WITH LOCAL SEWER DISTRICT APPROVAL; AND
i. ACTIVE TREATMENT SYSTEMS FOR TURBIDITY OR ANY OTHER POLLUTANTS MUST BE DESIGNED AND STAMPED BY AN OREGON REGISTERED PROFESSIONAL ENGINEER.


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EXPIRES: 12-31-25

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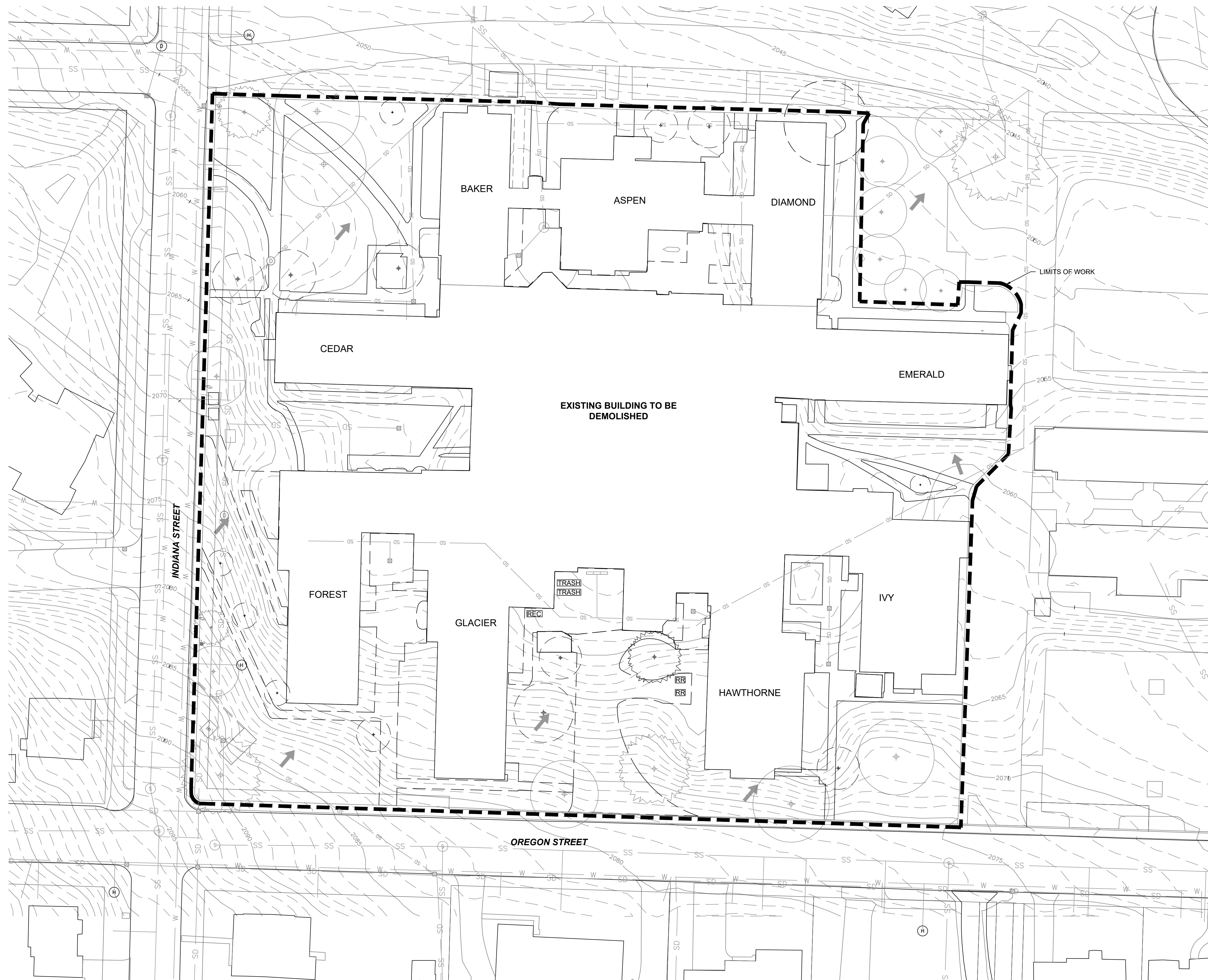
PROJECT NO: M-0396-24 DRAWN: KAK CHECKED: BJD DATE: 11-22-24

DEQ EROSION AND SEDIMENT CONTROL NOTES

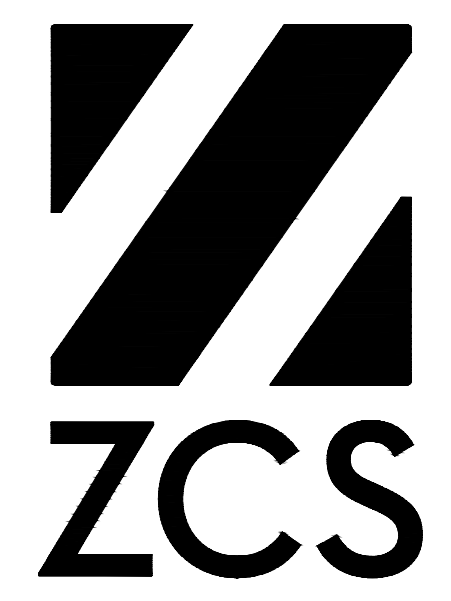
C0.11

ONE INCH EQUALS FULL SCALE

DEQ 1200-C



EXISTING CONDITIONS NOTES:
 *** EXISTING CONDITIONS MAP IS BASED ON LIDAR, GIS DATA, AERIAL IMAGERY, AND SITE OBSERVATIONS.

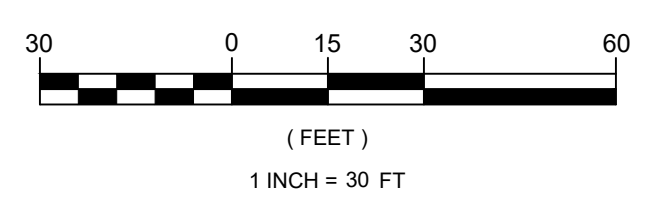


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 ASHLAND, OR 97520
SOU CASCADE HALL ESCP



1 EXISTING CONDITIONS
 C0.13



CUT/FILL SUMMARY:
 CUT = ±500 CU. YD.
 FILL = ±15,000 CU. YD.
 CONTRACTOR TO VERIFY ACTUAL QUANTITIES REQUIRED PER THE CONTRACT DOCUMENTS AND ACTUAL SITE CONDITIONS

1" = 30'



DESCRIPTION	DATE

PROJECT NO: M-0396-24
 DRAWN: KAK
 CHECKED: BJD
 DATE: 11-22-24

EXISTING CONDITIONS
C0.13
 DEQ 1200-C



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1250 SISKIYOU BOULEVARD
ASHLAND, OR 97520

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HALL ESCP**



EROSION AND SEDIMENT CONTROL LEGEND:

PHASE SPECIFIC CONSTRUCTION LEGEND

- ASPHALT OR CONCRETE PAVEMENT TO BE REMOVED
- APPROXIMATE LIMITS OF CLEARING AND GRUBBING
- BUILDING TO BE DEMOLISHED
- EXISTING UTILITY TO REMAIN
- EXISTING UTILITY TO BE REMOVED
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING GROUND CONTOUR (1 FT)
- EXISTING GROUND CONTOUR (5 FT)

EROSION AND SEDIMENT CONTROL LEGEND

- TEMPORARY CONSTRUCTION ENTRANCE
- MATERIAL STOCKPILE
- LIMITS OF WORK
- SEDIMENT FENCE
- INLET PROTECTION - CATCH BASIN
- INLET PROTECTION - TRENCH DRAIN
- EXISTING DRAINAGE FLOW DIRECTION

PHASE SUMMARY INFORMATION:

- INSTALLATION OF TREE PROTECTION MEASURES AS REQUIRED BY CITY OF ASHLAND.
- REMOVAL OF TREES AND ROOT BALLS.
- DEMOLITION OF ENTIRE CASCADE HALL BUILDING.
- DEMOLITION OF ASSOCIATED UTILITIES, STORM DRAINAGE LINES, AND INLETS/CATCH BASINS APPROXIMATELY AS DEPICTED.
- DEMOLITION OF SIDEWALKS AND PAVED AREAS.
- TEMPORARY STOCKPILING OF DEMOLISHED BUILDING MATERIALS UNTIL HAUL-OFF AND DISPOSAL. ALL HAUL-OFF AND DISPOSAL TO MEET APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- TEMPORARY STOCKPILING OF CLEARED AND EXCAVATED SOIL PRIOR TO FINISH GRADING.
- CLEARING/DISTURBANCE OF LANDSCAPE AREAS AS NECESSARY TO FACILITATE DEMOLITION AND TREE REMOVAL.

****REFER TO CIVIL PERMIT DOCUMENTS FOR ALL CONSTRUCTION INFORMATION, TYPICAL.**

EROSION CONTROL NOTES:

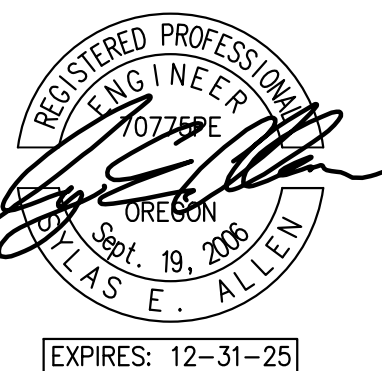
GENERAL EROSION CONTROL NOTES:

***THESE REQUIREMENTS SHALL BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS REQUIRED TO FACILITATE CONSTRUCTION. ALL COSTS FOR EROSION CONTROL MEASURES SHALL BE BORN BY THE CONTRACTOR.

***THIS PLAN HAS BEEN PREPARED TO ADDRESS THE OVERALL PRIMARY EROSION CONTROL MEASURES THAT MUST BE IMPLEMENTED FOR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST SPECIFIC EROSION CONTROL MEASURES TO ACCOMMODATE FOR ADDITIONAL PHASED CONSTRUCTION. ANY MODIFICATIONS TO THIS PLAN SHALL BE REVIEWED AND APPROVED BY THE AGENCIES HAVING JURISDICTION AND THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF WORK.

EROSION AND SEDIMENT CONTROL NOTES:

1. FURNISH AND MAINTAIN 20' WIDE BY 100' LONG 'LARGE' CONSTRUCTION ENTRANCE PER ODOT RD1000, OR INSTALL APPROVED TRACKOUT CONTROL MATS ON EXISTING PAVEMENT.
2. FURNISH AND MAINTAIN PERIMETER SEDIMENT FENCE AS SHOWN PER ODOT RD1040.
3. FURNISH AND MAINTAIN 'TYPE 3' INLET PROTECTION PER ODOT RD1010 AT ALL ON-SITE CATCH BASINS.
4. APPROXIMATE LOCATION OF TEMPORARY RESTROOM FACILITIES.
5. APPROXIMATE LOCATION OF TEMPORARY TRASH AND RECYCLING FACILITIES.



EXPIRES: 12-31-25

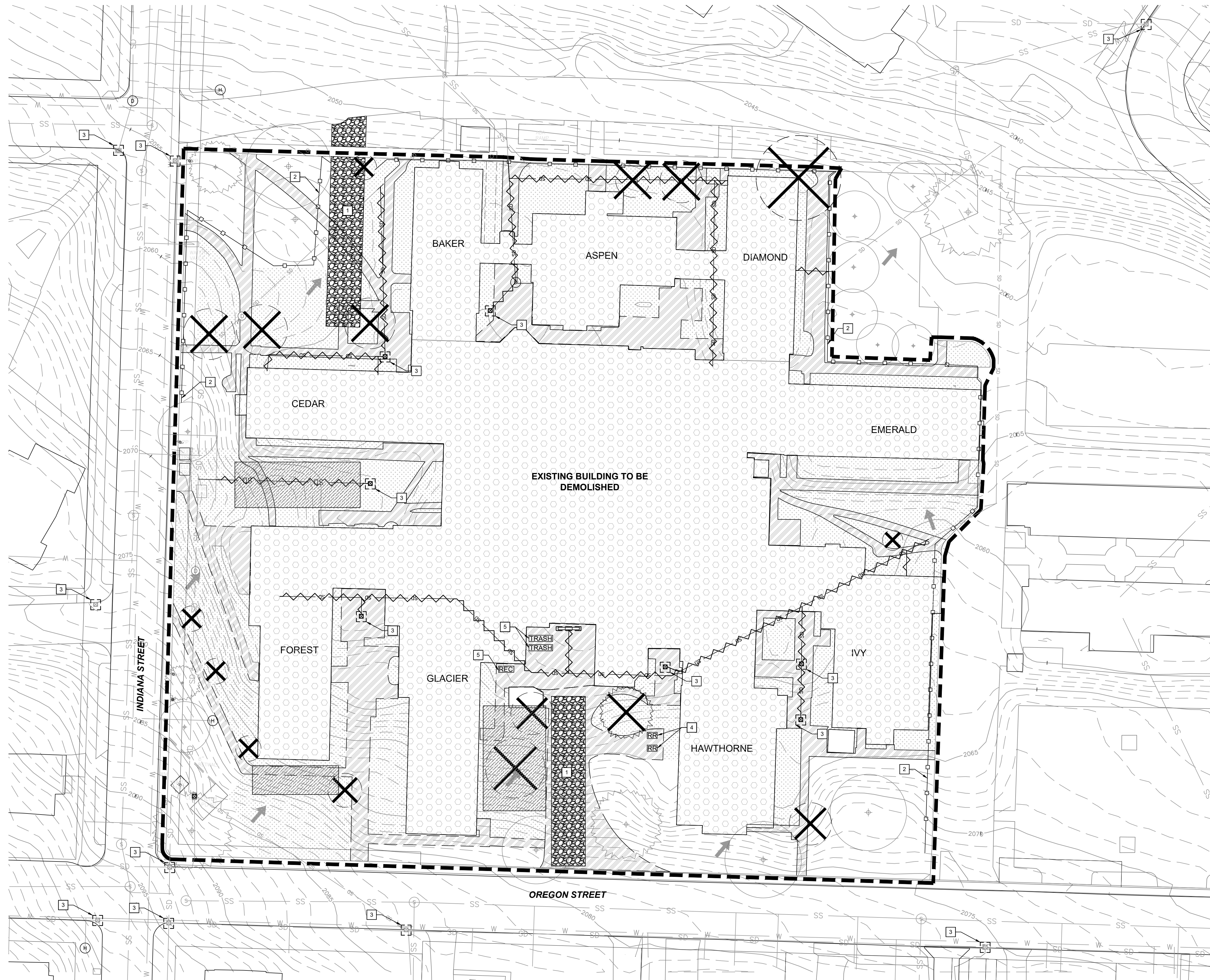
DESCRIPTION	DATE

PROJECT NO: M-0396-24
 DRAWN: KAK
 CHECKED: BJD
 DATE: 11-22-24

CLEARING AND DEMOLITION ESCP PLAN

C0.14

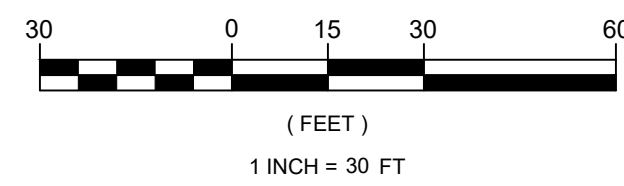
DEQ 1200-C



ONE INCH EQUALS FULL SCALE

1 C0.14 CLEARING AND DEMOLITION EROSION AND SEDIMENT CONTROL PLAN

1" = 30'





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EROSION AND SEDIMENT CONTROL LEGEND:

PHASE SPECIFIC CONSTRUCTION LEGEND

- TEMPORARY GRAVEL CONTRACTOR STAGING AREA
- EXISTING UTILITY TO REMAIN
- NEW STORM DRAIN LINE
- NEW CONVEYANCE DITCH
- NEW STORM DRAIN MANHOLE
- NEW DITCH INLET
- 2049 EXISTING GROUND CONTOUR (1 FT)
- 2050 EXISTING GROUND CONTOUR (5 FT)
- 2055 NEW SURFACE CONTOUR - MAJOR
- 2054 NEW SURFACE CONTOUR - MINOR

EROSION AND SEDIMENT CONTROL LEGEND

- TEMPORARY CONSTRUCTION ENTRANCE
- EROSION CONTROL MATTING/SLOPE PROTECTION
- LIMITS OF WORK
- SEDIMENT FENCE
- COMPOST FILTER SOCK
- BIO-FILTER BAG
- CHECK DAM
- EXISTING DRAINAGE FLOW DIRECTION
- NEW DRAINAGE FLOW DIRECTION

PHASE SUMMARY INFORMATION:

- BACKFILL OF EXCAVATION FROM FOUNDATION DEMOLITION.
- BACKFILL OF EXCAVATION FROM PAVEMENT REMOVAL WHERE NECESSARY.
- BACKFILL OF EXCAVATION FROM UTILITY AND TREE REMOVAL.
- CONTRACTOR TO REFER TO PLANS AND SPECIFICATIONS BY OTHERS FOR EXACT BACKFILL REQUIREMENTS.
- GRADING FINAL SURFACE TO DRAIN APPROXIMATELY AS SHOWN. CONTRACTOR TO REFER TO LANDSCAPE PLANS AND SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
- CONSTRUCT CONVEYANCE DITCH.
- CONSTRUCT DITCH INLET AND STORM CONNECTION TO EXISTING MAIN.

****REFER TO CIVIL PERMIT DOCUMENTS FOR ALL CONSTRUCTION INFORMATION, TYPICAL.**

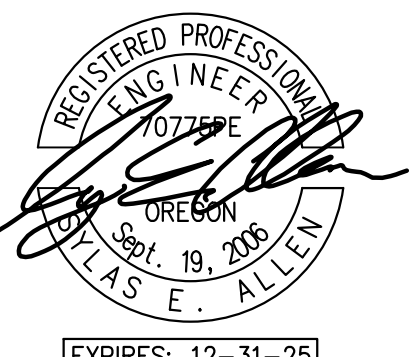
EROSION CONTROL NOTES:

GENERAL EROSION CONTROL NOTES:

- ***ALL EROSION AND SEDIMENT CONTROL MEASURES ON SLOPES, AND AT CULVERT INLETS/OUTLETS SHALL REMAIN IN PLACE UNTIL ALL PHASES OF CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
- ***ALL NEW STORM DRAIN SYSTEM CATCH BASINS AND INLETS SHALL HAVE INLET PROTECTION INSTALLED PER ODOT STANDARD DRAWING RD1010 AFTER INSTALLATION AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND ASPHALT/CONCRETE/LANDSCAPING HAS BEEN INSTALLED.
- ***THESE REQUIREMENTS SHALL BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS REQUIRED TO FACILITATE CONSTRUCTION. ALL COSTS FOR EROSION CONTROL MEASURES SHALL BE BORN BY THE CONTRACTOR.
- ***THIS PLAN HAS BEEN PREPARED TO ADDRESS THE OVERALL PRIMARY EROSION CONTROL MEASURES THAT MUST BE IMPLEMENTED FOR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST SPECIFIC EROSION CONTROL MEASURES TO ACCOMMODATE FOR ADDITIONAL PHASED CONSTRUCTION. ANY MODIFICATIONS TO THIS PLAN SHALL BE REVIEWED AND APPROVED BY THE AGENCIES HAVING JURISDICTION AND THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF WORK.

EROSION AND SEDIMENT CONTROL NOTES:

1. MAINTAIN 20' WIDE BY 100' LONG CONSTRUCTION ENTRANCE PER ODOT RD1000.
2. MAINTAIN PERIMETER SEDIMENT FENCE AS SHOWN PER ODOT RD1040.
3. FURNISH AND MAINTAIN 'TYPE 8' SEDIMENT BARRIER PER ODOT RD1032 AT LOCATIONS SHOWN.
4. FURNISH AND MAINTAIN WOVEN COIR FABRIC 700 MATTING AS SHOWN PER ODOT RD1055 ON DISTURBED SIDE SLOPES GREATER THAN 10% AND HYDROSEED DISTURBED SURFACES PER LANDSCAPE PLANS. IF AREAS ARE WOODED OR SLOPE IS LESS THAN 10%, OMIT MATTING. INCREASE LIMITS OF MATTING AS NECESSARY BASED ON ACTUAL SITE CONDITIONS TO ENSURE ALL DISTURBED SLOPES OVER 10% ARE PROVIDED WITH MATTING.
5. CHECK DAM PER ODOT RD1006.
6. DITCH INLET PROTECTION PER ODOT RD1015.
7. APPROXIMATE LOCATION OF TEMPORARY RESTROOM FACILITIES.
8. APPROXIMATE LOCATION OF TEMPORARY TRASH AND RECYCLING FACILITIES.
9. FURNISH AND MAINTAIN 'TYPE 3' INLET PROTECTION PER ODOT RD1010 AT ALL ON-SITE CATCH BASINS.



DESCRIPTION	DATE

PROJECT NO: M-0396-24
 DRAWN: KAK
 CHECKED: BJD
 DATE: 11-22-24

GRADING AND UTILITY INSTALL. ESC PLAN

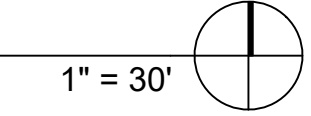
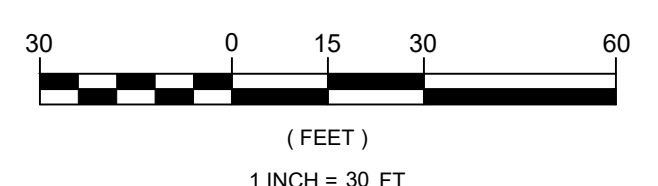
C0.15

DEC 1200-C

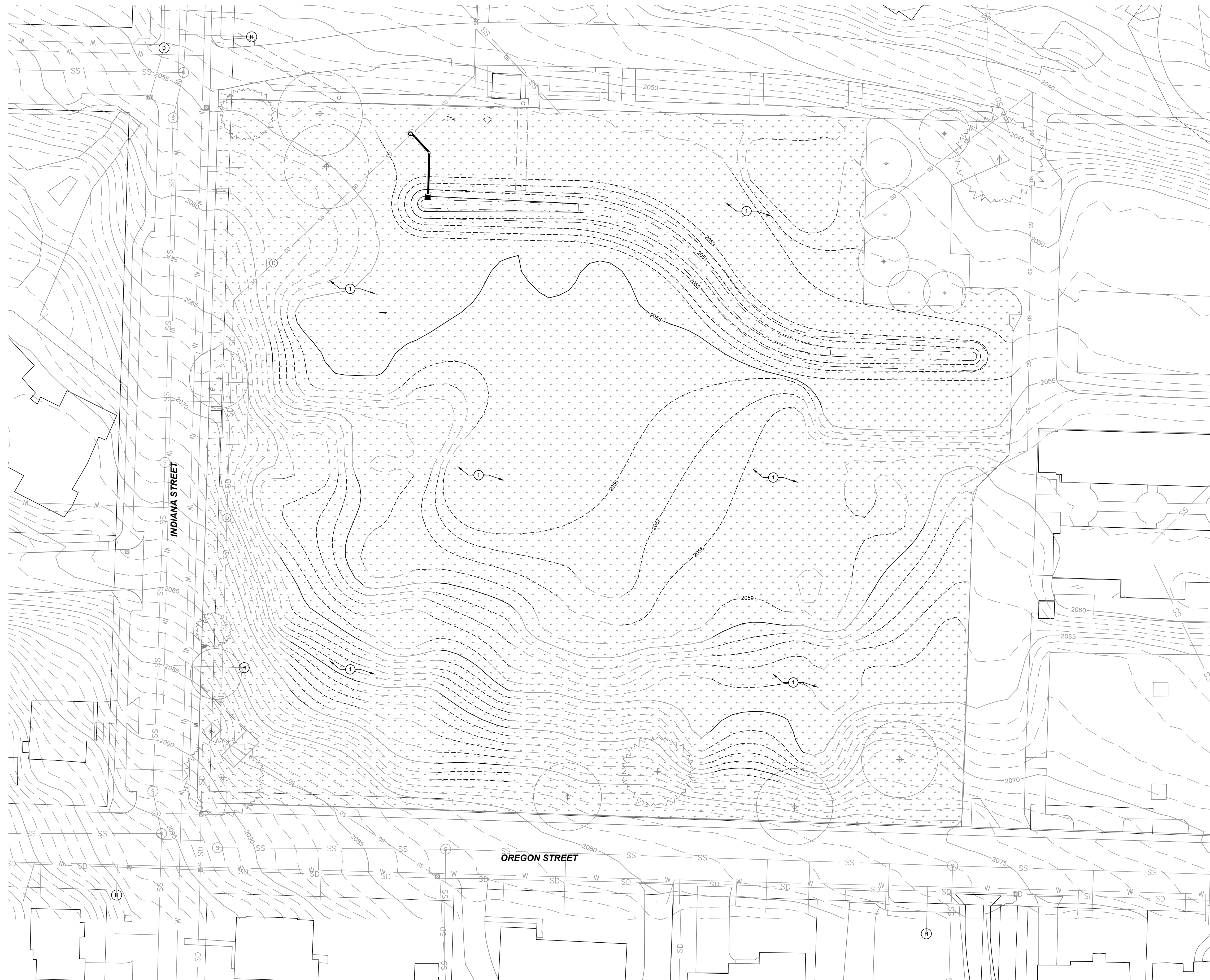


1 GRADING AND UTILITY INSTALLATION EROSION AND SEDIMENT CONTROL PLAN

C0.15



ONE INCH EQUALS FULL SCALE



EROSION AND SEDIMENT CONTROL LEGEND:

PHASE SPECIFIC CONSTRUCTION LEGEND

- PERMANENT LANDSCAPING
- 2049 EXISTING GROUND CONTOUR (1 FT)
- 2050 EXISTING GROUND CONTOUR (5 FT)
- 2054 NEW GROUND CONTOUR (1 FT)
- 2055 NEW GROUND CONTOUR (5 FT)

PHASE CONSTRUCTION NOTES:

1. HYDROSEED ALL DISTURBED AREA.

*REFER TO CIVIL PERMIT DOCUMENTS FOR ALL CONSTRUCTION INFORMATION, TYPICAL.



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ASHLAND, OR 97520
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EXPIRES: 12-31-25

DESCRIPTION	DATE

PROJECT NO: M-0396-24
DRAWN: KAK
CHECKED: BJD
DATE: 11-22-24

LANDSCAPING AND FINAL STABILIZATION ESC PLAN

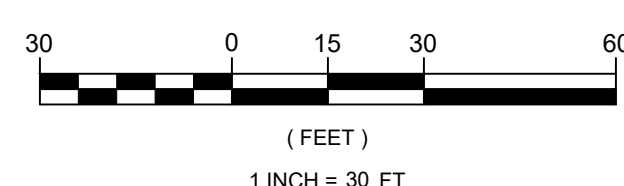
C0.16

DEQ 1200-C

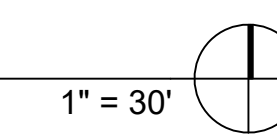
ONE INCH EQUALS FULL SCALE

1 LANDSCAPING AND FINAL STABILIZATION EROSION AND SEDIMENT CONTROL PLAN

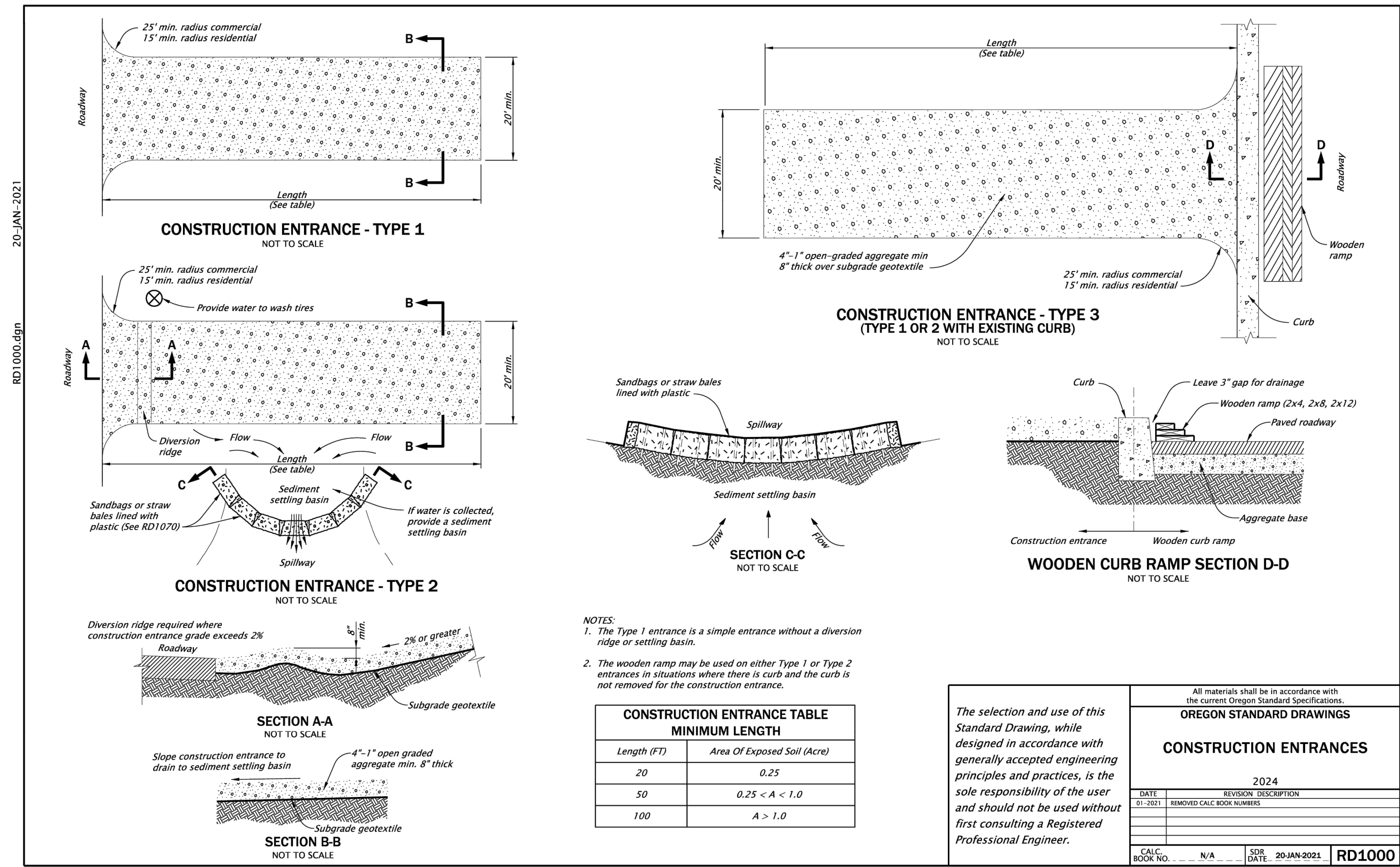
C0.16



1 INCH = 30 FT



1" = 30'



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

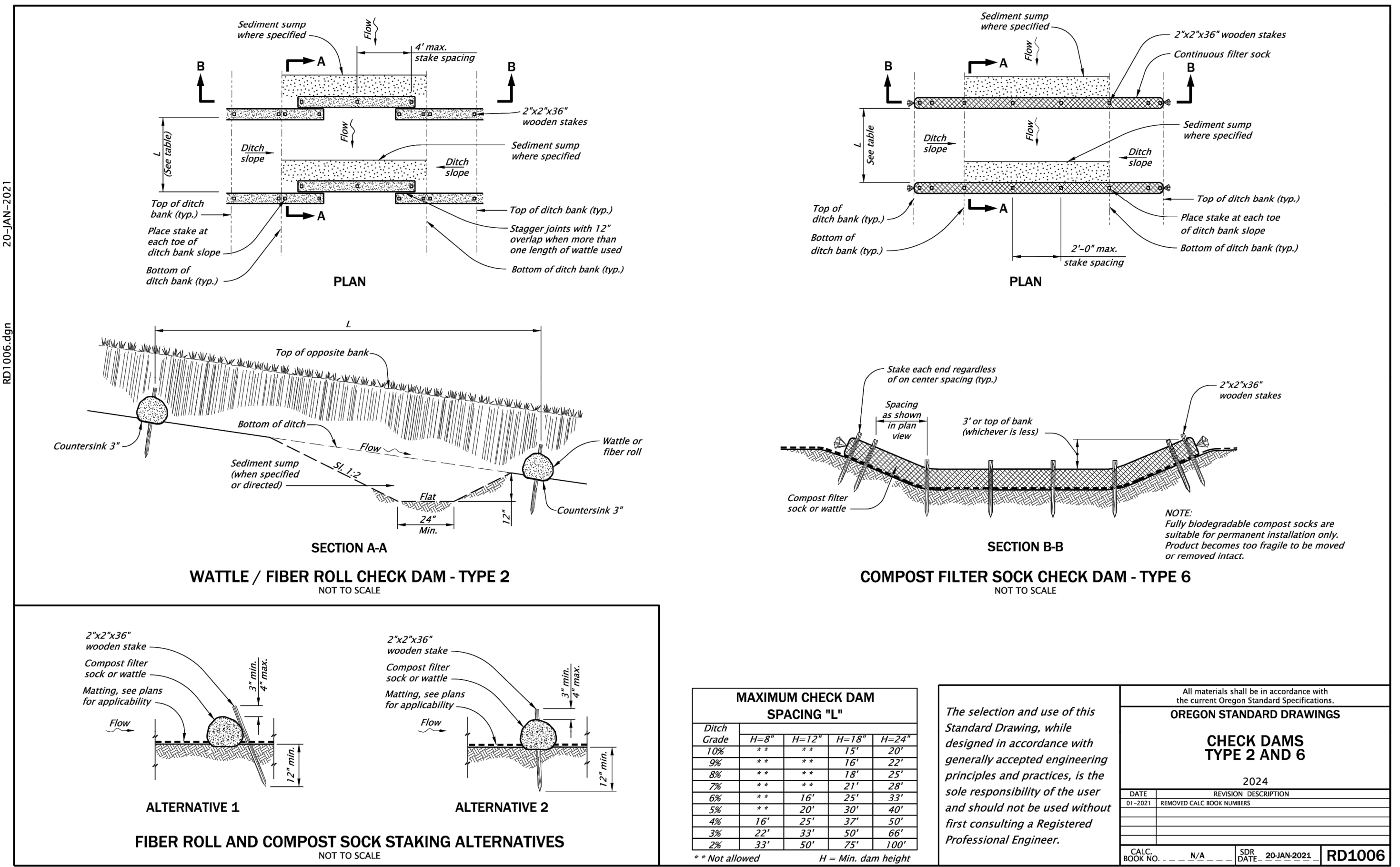
OREGON STANDARD DRAWINGS
CONSTRUCTION ENTRANCES

2024

DATE: 01-2021
REVISION: REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1000**

Effective Date: June 1, 2024 - November 30, 2024



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

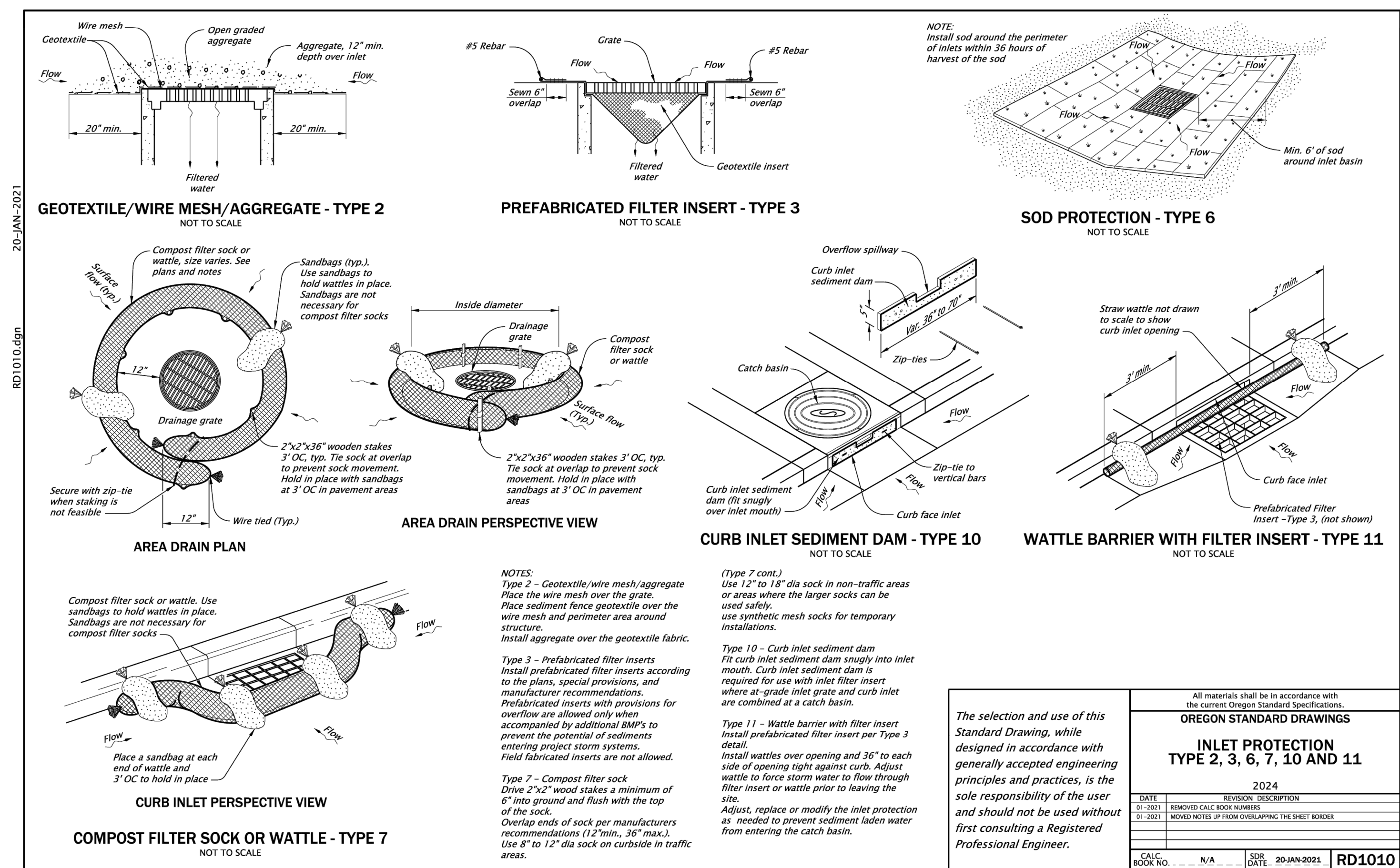
OREGON STANDARD DRAWINGS
CHECK DAMS TYPE 2 AND 6

2024

DATE: 01-2021
REVISION: REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1006**

Effective Date: June 1, 2024 - November 30, 2024



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

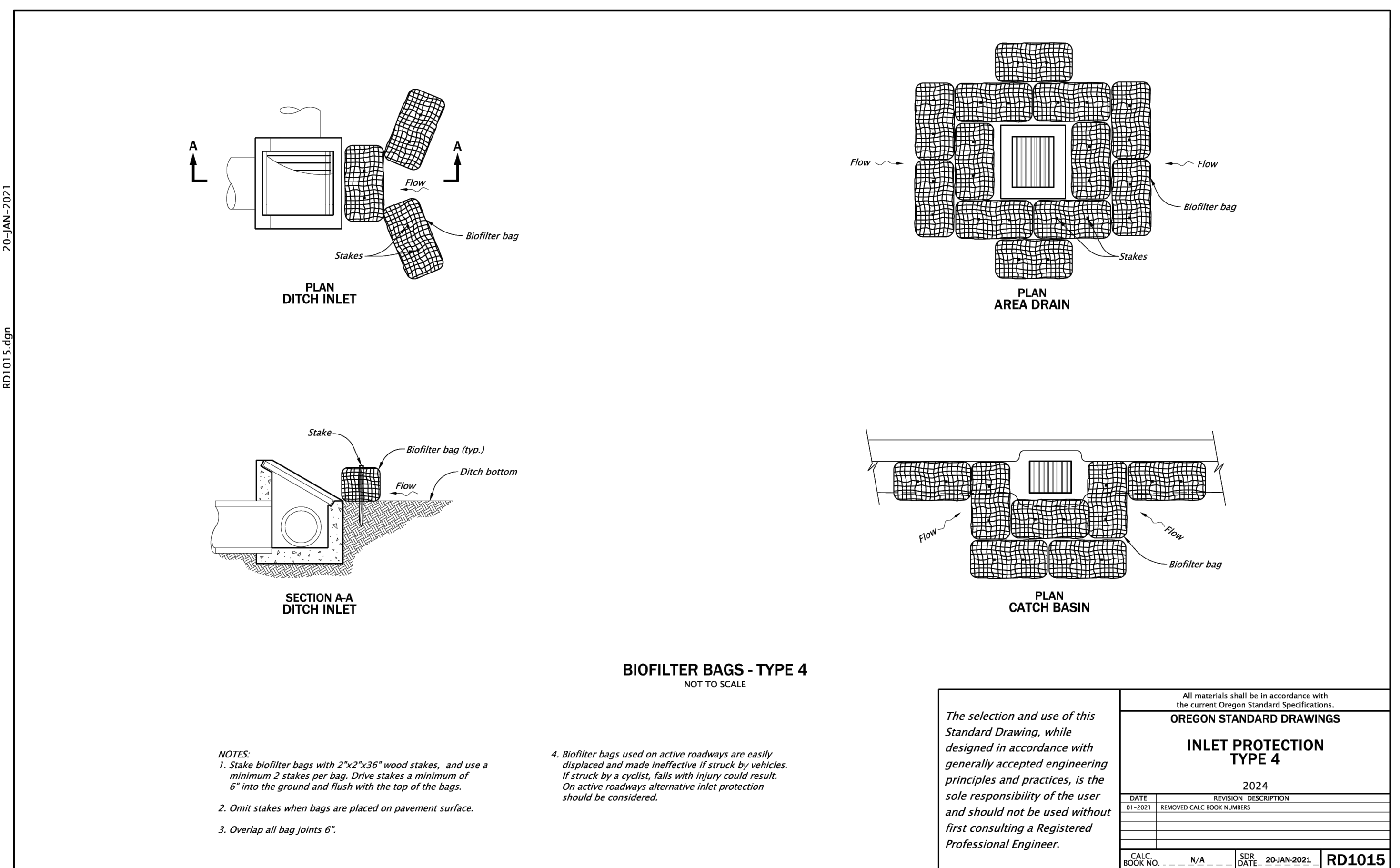
OREGON STANDARD DRAWINGS
INLET PROTECTION TYPE 2, 3, 6, 7, 10 AND 11

2024

DATE: 01-2021
REVISION: REMOVED CALC BOOK NUMBERS
01-2021: MOVED NOTES UP FROM OVERLAPPING THE SHEET BORDER

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1010**

Effective Date: June 1, 2024 - November 30, 2024



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

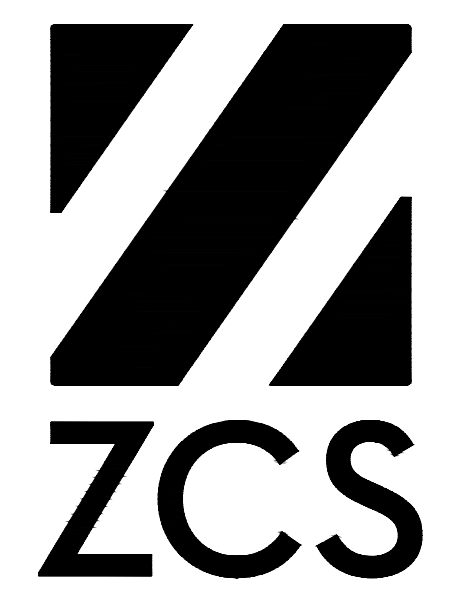
OREGON STANDARD DRAWINGS
INLET PROTECTION TYPE 4

2024

DATE: 01-2021
REVISION: REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1015**

Effective Date: June 1, 2024 - November 30, 2024



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DESCRIPTION	DATE

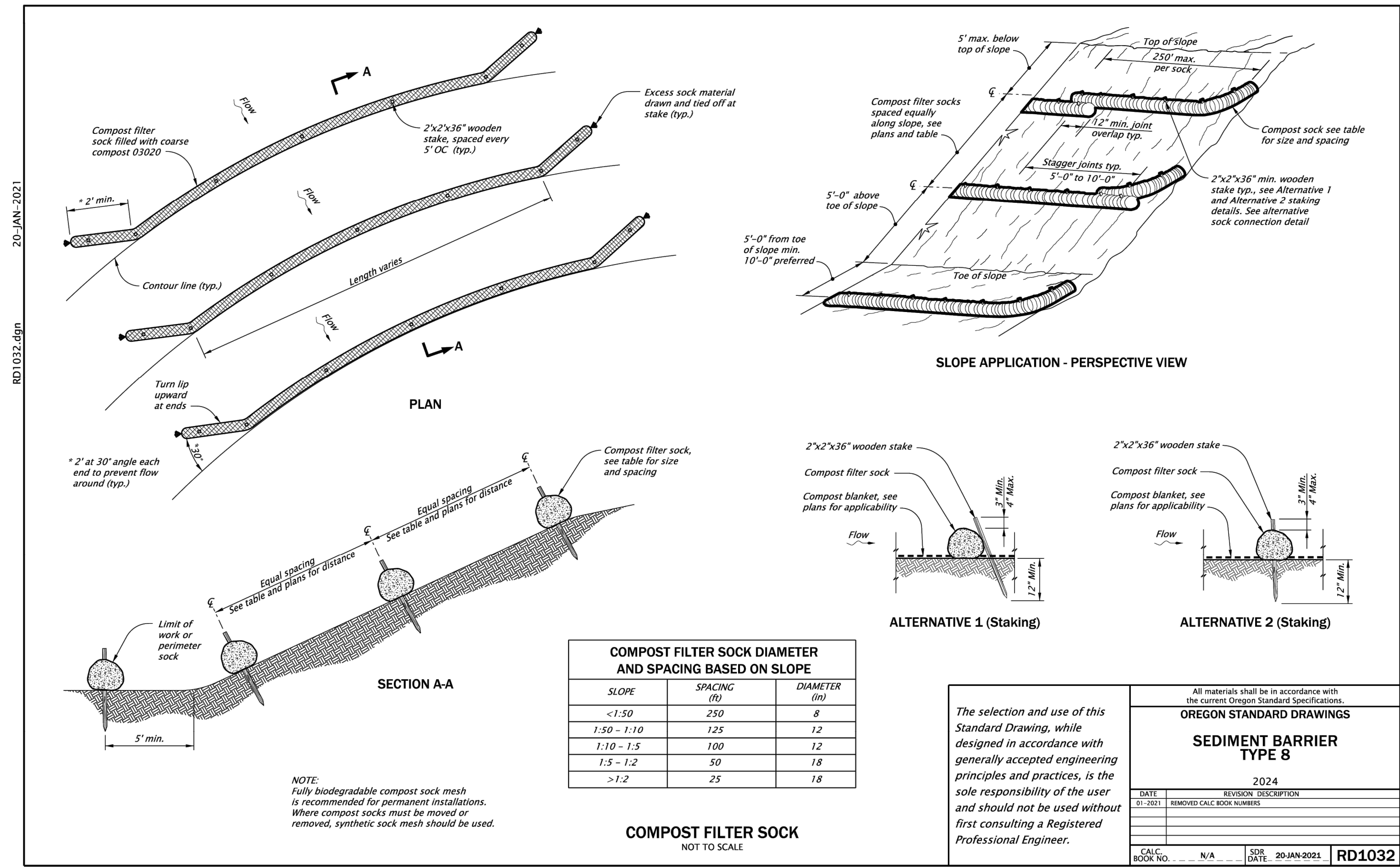
PROJECT NO: M-0396-24
DRAWN: KAK
CHECKED: BJD
DATE: 11-22-24

EROSION AND SEDIMENT CONTROL DETAILS

C0.17

DEC 1200-C

ONE INCH EQUALS FULL SCALE



COMPOST FILTER SOCK
NOT TO SCALE

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

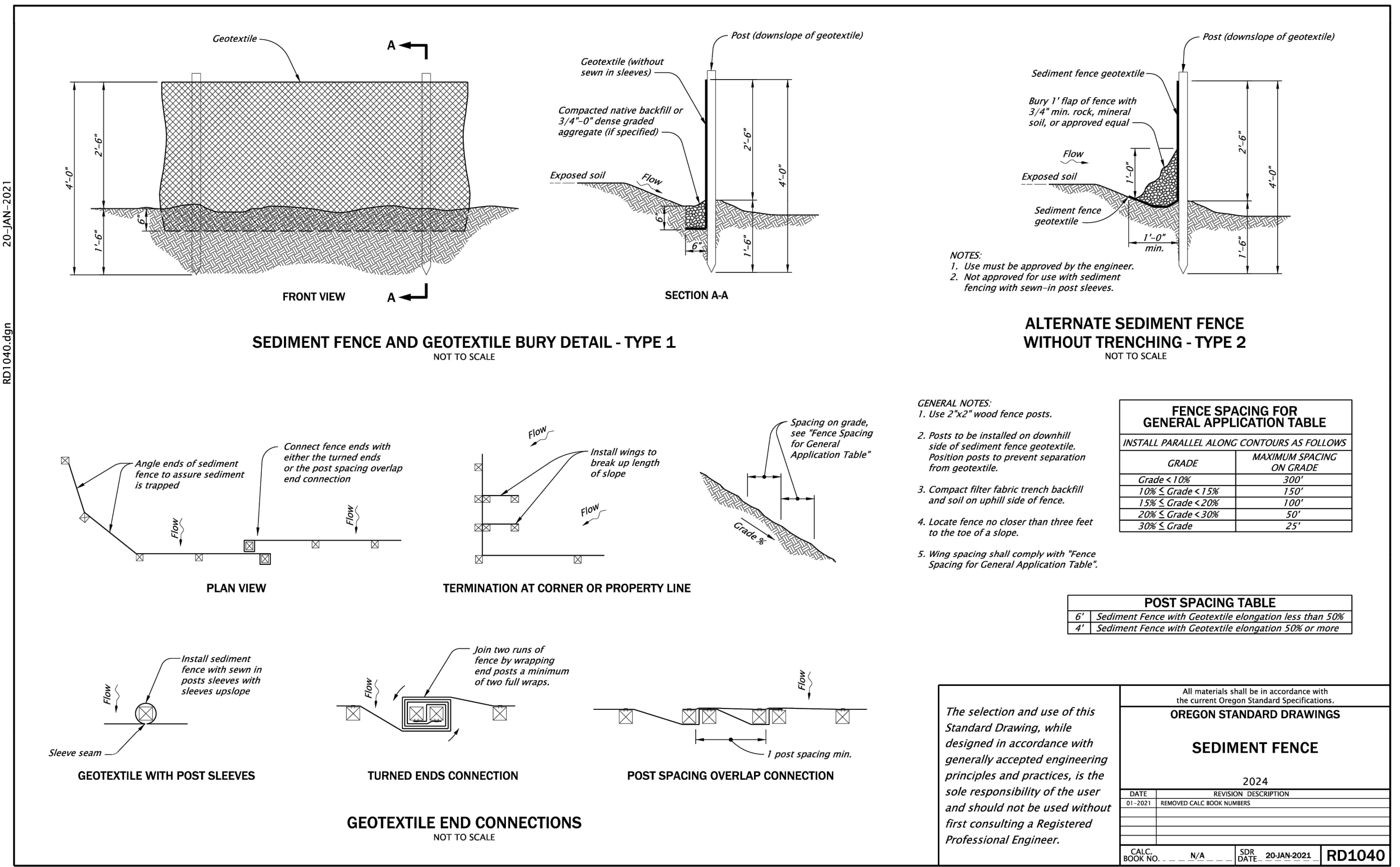
All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS
SEDIMENT BARRIER
TYPE 8
2024

DATE: _____ REVISION: _____ DESCRIPTION: _____
 (1) - (2) - REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1032**

Effective Date: June 1, 2024 - November 30, 2024



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

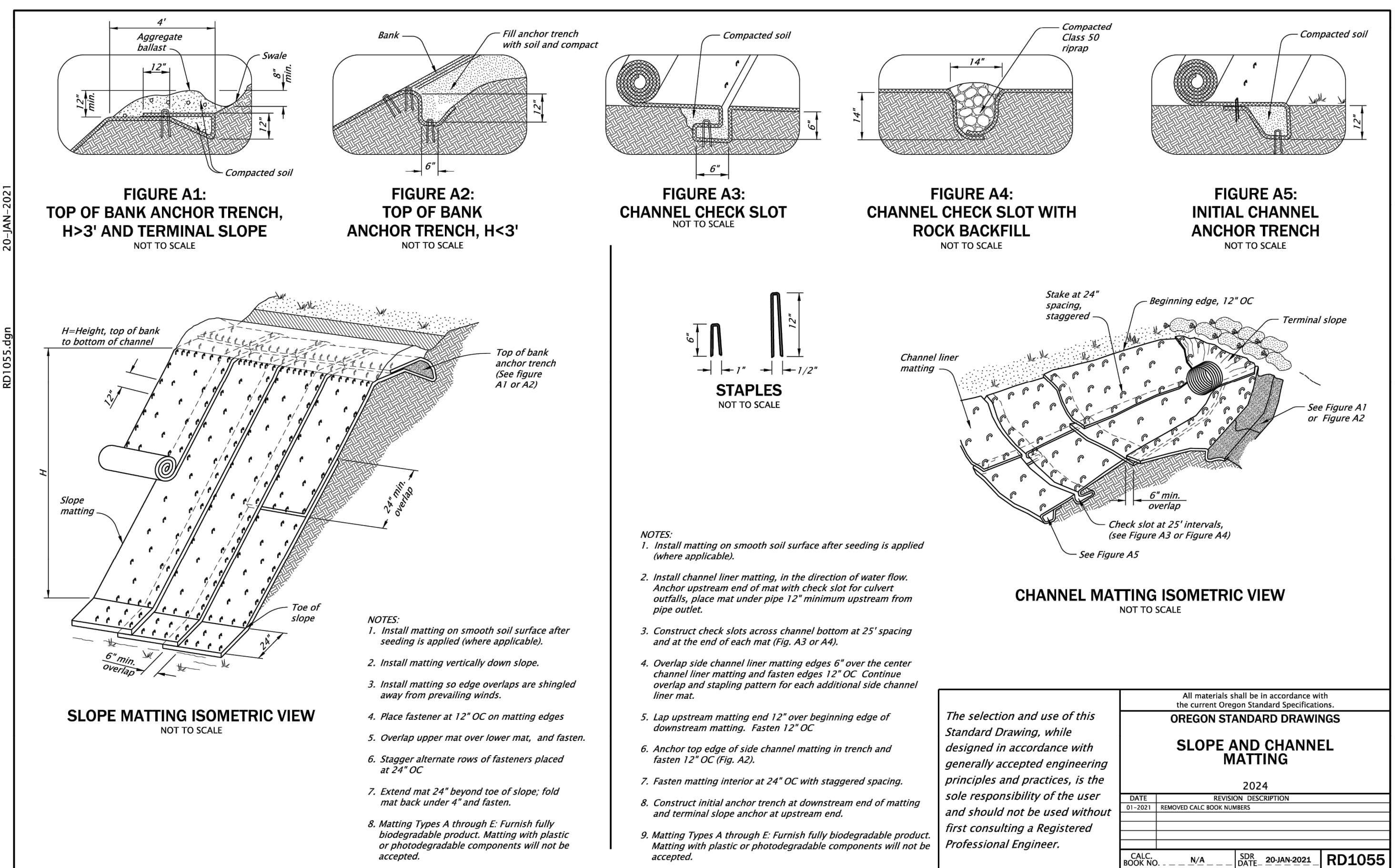
All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS
SEDIMENT FENCE
2024

DATE: _____ REVISION: _____ DESCRIPTION: _____
 (1) - (2) - REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1040**

Effective Date: June 1, 2024 - November 30, 2024



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

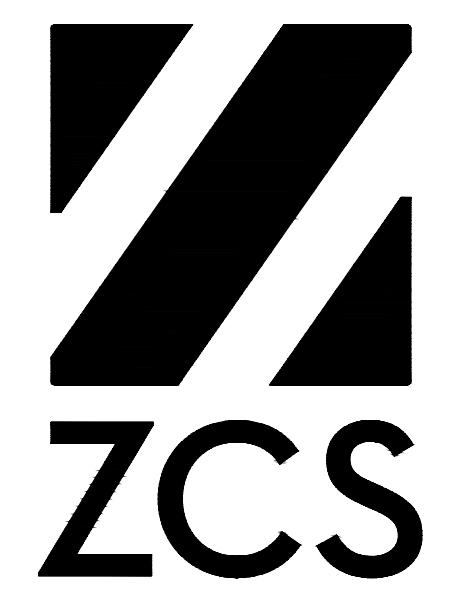
OREGON STANDARD DRAWINGS
SLOPE AND CHANNEL MATTING
2024

DATE: _____ REVISION: _____ DESCRIPTION: _____
 (1) - (2) - REMOVED CALC BOOK NUMBERS

CALC. BOOK NO.: N/A SDR DATE: 20-JAN-2021 **RD1055**

Effective Date: June 1, 2024 - November 30, 2024

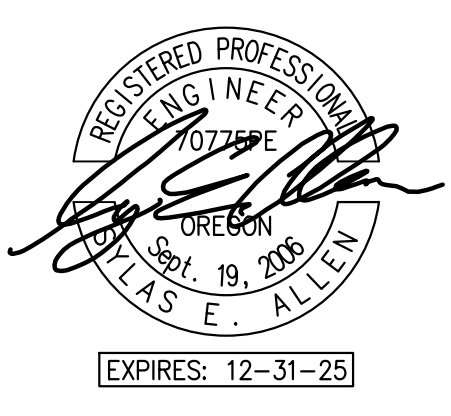
ONE INCH EQUALS FULL SCALE



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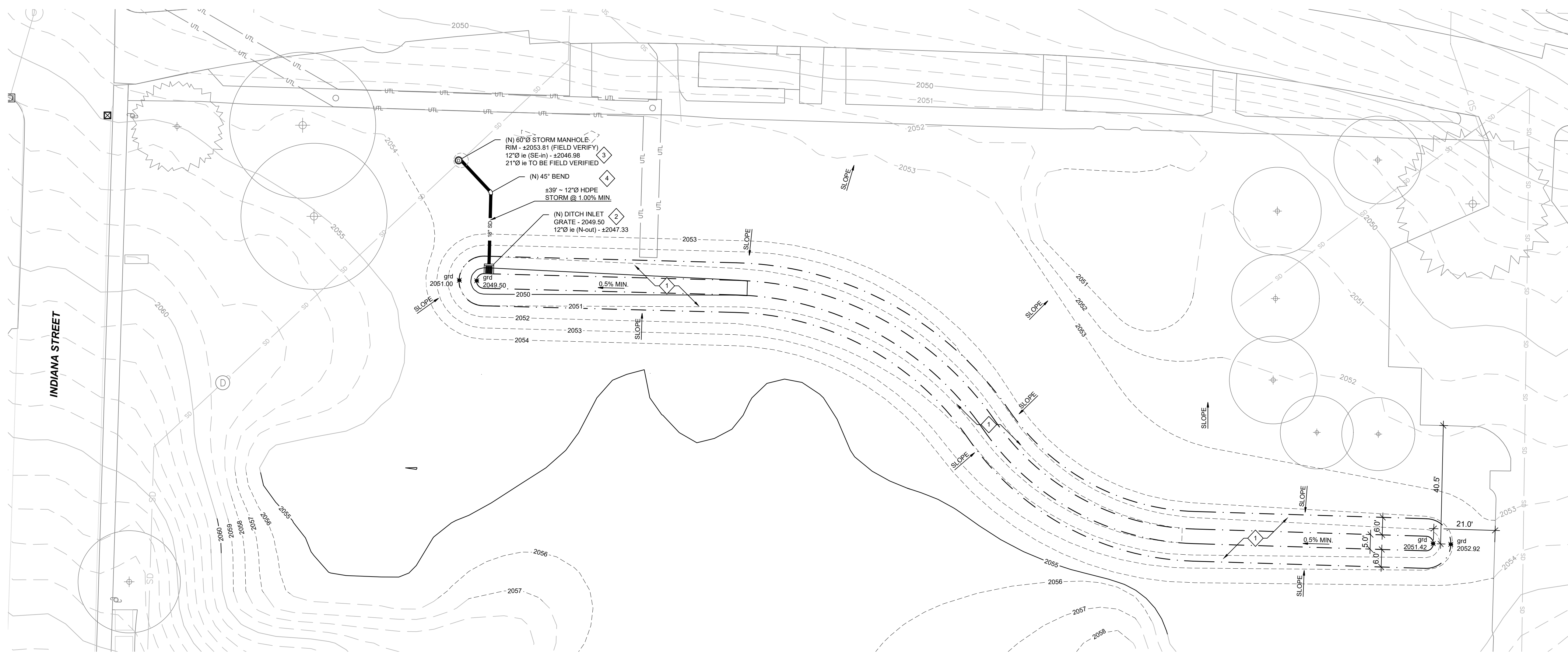
DESCRIPTION	DATE

PROJECT NO.: M-0396-24
DRAWN: KAK
CHECKED: BJD
DATE: 11-22-24

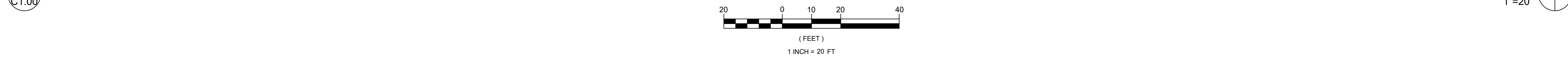
EROSION AND SEDIMENT CONTROL DETAILS

C0.18

DEC 1200-C



1 POST DEMOLITION DRAINAGE PLAN



DRAINAGE NOTES:

GENERAL CONSTRUCTION NOTES:
 THIS PLAN HAS BEEN PREPARED BASED ON PUBLICLY AVAILABLE DATA, AERIAL IMAGERY, AND INFORMATION FROM OWNER. ELEVATIONS AND ALL OTHER EXISTING SITE IMPROVEMENTS SHOWN ARE APPROXIMATE, NO PHYSICAL HORIZONTAL AND VERTICAL CONTROL (PROJECT BENCHMARKS) ARE AVAILABLE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING SITE INFORMATION PRIOR TO AND DURING CONSTRUCTION. REPORT TO ENGINEER IN EVENT OF DISCREPANCY WHEN FIELD-FITTING SITE IMPROVEMENTS.

CONTRACTOR SHALL POTHOLE TO VERIFY VERTICAL AND HORIZONTAL ALIGNMENT, SIZE, AND MATERIAL OF EXISTING PIPES/STRUCTURES FOR TIE-IN PURPOSES. REPORT TO ENGINEER IN EVENT OF DISCREPANCY.

REFER SUBMITTALS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.

STORM DRAIN SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO THE CURRENT EDITION OF THE OREGON PLUMBING SPECIALTY CODE AND TO CITY OF ASHLAND REQUIREMENTS, AS APPLICABLE.

REFER TO THE PROJECT 1200-C EROSION AND SEDIMENT CONTROL PLAN FOR ESC REQUIREMENTS.

REFER TO THE LANDSCAPE PLANS FOR FINAL SURFACING REQUIREMENTS.

REFER TO DEMOLITION PLANS (BY OTHERS) FOR SITE DEMOLITION AND PUT-BACK REQUIREMENTS.

DRAINAGE CONSTRUCTION NOTES:

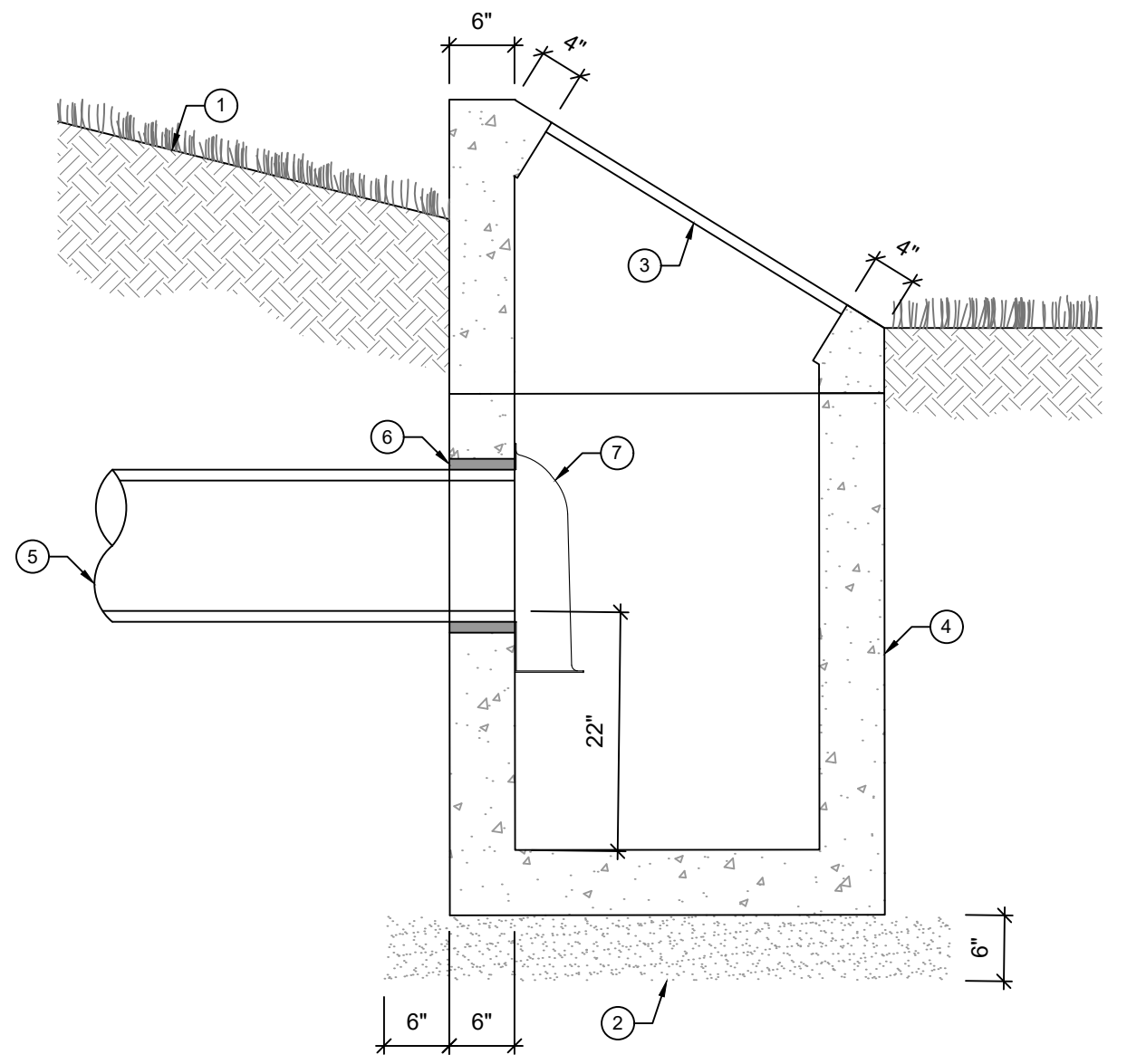
- APPROXIMATE ALIGNMENT OF CONVEYANCE DITCH. DITCH TO SLOPE A MINIMUM OF 0.50% TOWARDS DITCH INLET. REFER TO VIEW 3 THIS SHEET FOR DITCH SECTION.
- DITCH INLET. REFER TO VIEW 2 THIS SHEET FOR ADDITIONAL INFORMATION.
- STORM MANHOLE. REFER TO VIEW 4 THIS SHEET. MANHOLES SHALL MEET ASTM C478. RUBBER GASKETS AT JOINTS SHALL MEET ASTM C443. HOLES SHALL BE CAST OR CORED. STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC WITH #4 BAR IN CENTER OR APPROVED EQUAL. FRAME AND COVER SHALL BE CLASS 30 GRAY CAST IRON MEETING ASTM A48.
- STORM PIPE IN TRENCH. SIMILAR TO VIEW 5 THIS SHEET. PIPE TO BE INSTALLED WITH A MINIMUM OF 1.00% SLOPE TOWARDS MANHOLE. PIPE SHALL BE WATER-TIGHT DUAL-WALL CORRUGATED HDPE WITH COPATIBLE WATER-TIGHT FITTINGS, ADS N-12 OR APPROVED ALTERNATIVE.

INSPECTION & TESTING REQUIREMENTS:

- CONTRACTOR SHALL COORDINATE ALL CITY-REQUIRED INSPECTIONS WITH CITY OF ASHLAND AND PROVIDE DOCUMENTATION OF APPROVAL TO ENGINEER.
- CONTRACTOR SHALL PROVIDE VACUUM TEST OF NEW MANHOLE PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION SECTION 09470.71(B). PROVIDE DOCUMENTATION OF PASSING TEST TO ENGINEER.
- CONTRACTOR SHALL PROVIDE LOW-PRESSURE AIR TESTING OF NEW STORM DRAIN LINE PER 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION SECTION 09445.72(C). PROVIDE DOCUMENTATION OF PASSING TEST TO ENGINEER.

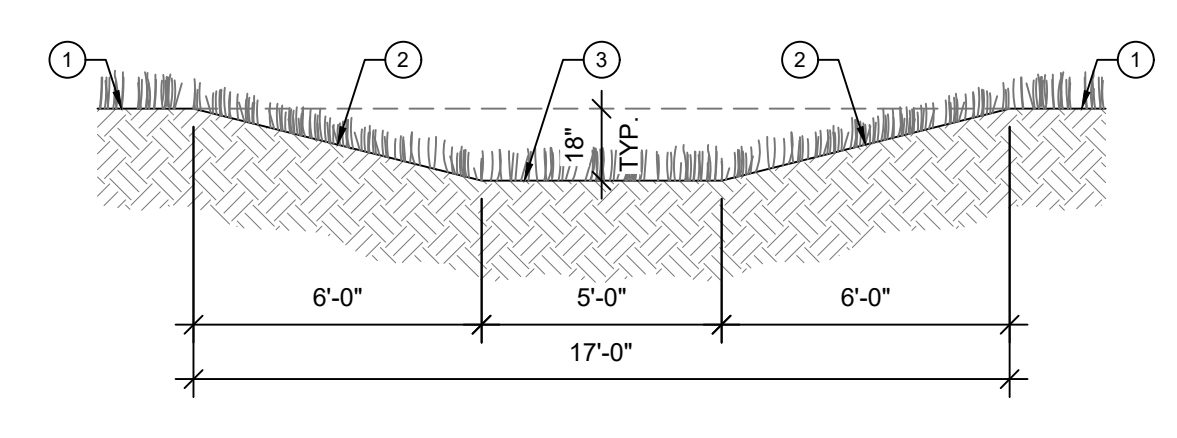
GENERAL NOTES:

- ALL WORK AND MATERIALS SHALL CONFORM TO ALL APPLICABLE STATE, CITY, AND COUNTY REGULATIONS AND STANDARDS. CONTACT ENGINEER FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS.
- CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. COORDINATE WITH THE CITY AND ENGINEER PRIOR TO CONSTRUCTION AS NECESSARY.
- ALL TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC SHALL BE BY THE CONTRACTOR AND CONFORM WITH BOTH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ODOT MANUAL ON SHORT TERM TRAFFIC CONTROL (AS APPLICABLE).
- THE GENERAL CONTRACTOR AND ALL THEIR AFFILIATES SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
- CONTRACTOR SHALL PROVIDE ENGINEER WITH SHOP DRAWING SUBMITTALS ON ALL PERMANENTLY INSTALLED MANUFACTURED ITEMS
- ALL CONSTRUCTION STAKING, GRADE SURVEYING, AND HORIZONTAL LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AN AS-BUILT DRAWING OF ALL UTILITY INSTALLATIONS INCLUDING THE TYPE, DEPTH, TYPE OF CONNECTION, INSTALLATION DATE, LOCATION, AND SKETCH (AS APPLICABLE).
- CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS TO EXISTING CONDITION OR BETTER AT COMPLETION OF THE PROJECT.
- ALL EXISTING UTILITIES IDENTIFIED IN THIS PLAN SET ARE NOT INTENDED TO BE EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UTILITIES AND PROTECT AS REQUIRED DURING THE COURSE OF CONSTRUCTION. CALL THE "OREGON UTILITY NOTIFICATION CENTER" AT 1-800-332-2344 TO LOCATE EXISTING UTILITIES 48 HOURS BEFORE DIGGING.



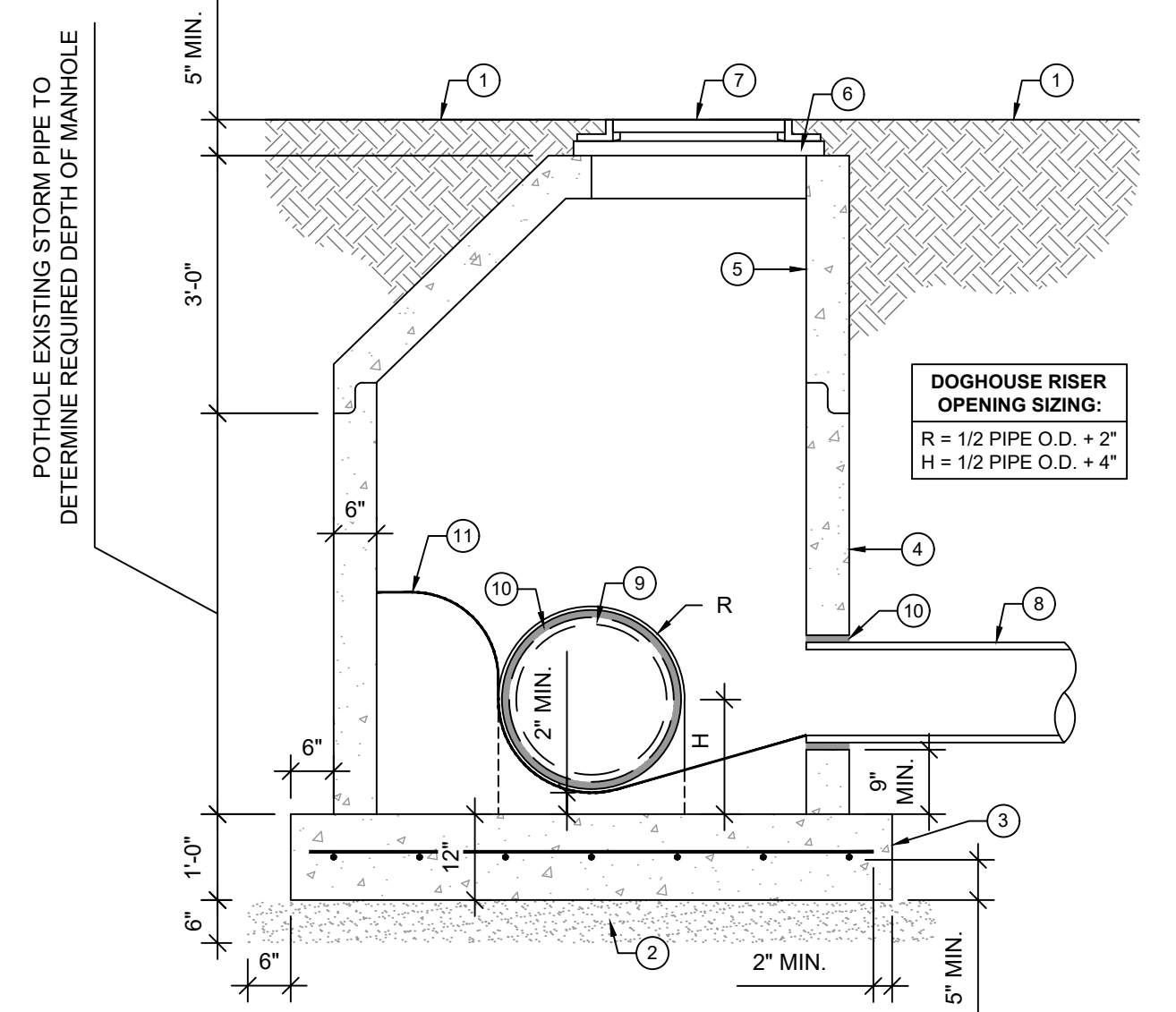
KEY NOTES:

- FINISH GRADE PER PLAN
- 3/4" MINUS COMPACTED AGGREGATE
- PRECAST DITCH INLET TOP (OR APPROVED EQUAL)
- PRECAST G2 BASE (OR APPROVED EQUAL)
- 12" DUAL-WALL CORRUGATED HDPE STORM DRAIN LINE
- RESILIENT FLEXIBLE CONNECTOR, PIPE PENETRATION TO BE AS HIGH AS POSSIBLE IN THE PRE-CAST INLET BASE KNOCKOUT TO MAXIMIZE SUMP DEPTH
- APPROVED HOOD, INSTALL PER MANUFACTURER RECOMMENDATION



KEY NOTES:

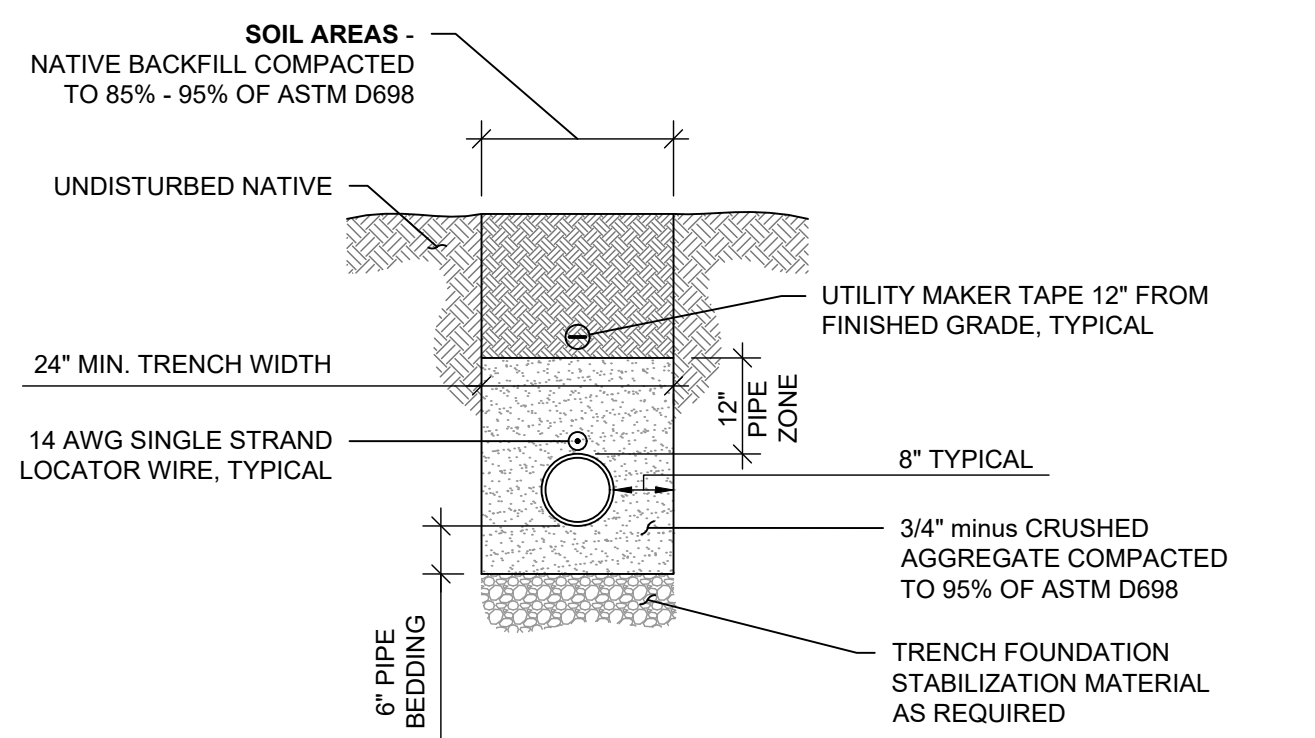
- FINISH GRADE PER PLAN.
- 4H:1V SIDE SLOPE, TYPICAL.
- SURFACING PER FINAL LANDSCAPE PLANS.



KEY NOTES:

- FINISH GRADE PER PLAN
- 3/4" MINUS COMPACTED AGGREGATE
- CAST-IN-PLACE CONCRETE MANHOLE BASE WITH 4,000-PSI (MIN.) CONCRETE, REINFORCE BASE WITH #5 @ 12 O.C. EACH WAY
- PRECAST CONCRETE MANHOLE "DOGHOUSE" RISER, EMBED BOTTOM OF RISER 3" (MIN.) INTO CAST-IN-PLACE BASE. PROVIDE WATER TIGHT EXISTING PIPE CONNECTIONS WITH NON-SHRINK GROUT LISTED IN ODOT QPL
- PRECAST CONCRETE MANHOLE ECCENTRIC CONE
- PRECAST CONCRETE GRADE RING(S) AS REQUIRED, (1) 2" GRADE RING MIN., 12" OF GRADE RING MAX. PLACE RINGS ON FULL BEDS OF NON-SHRINK GROUT
- 3" SUBURBAN FRAME AND COVER PLACED ON FULL BED OF NON-SHRINK GROUT
- NEW STORM DRAIN LINE PER PLAN
- EXISTING STORM DRAIN LINE PER PLAN. CUT TOP HALF OF PIPE OFF AND CUT SIDE OF PIPE TO FLOWLINE AS NECESSARY TO CONSTRUCT CHANNELIZATION
- RESILIENT FLEXIBLE CONNECTOR
- CHANNELIZE MANHOLE WITH 4,000-PSI (MIN.) CONCRETE, SLOPE SHELF AT 1 1/2" MIN.

4 ECCENTRIC CONE MANHOLE OVER EXISTING PIPE



SOIL AREAS - NATIVE BACKFILL COMPACTED TO 85% - 95% OF ASTM D698

UNDISTURBED NATIVE

UTILITY MAKER TAPE 12" FROM FINISHED GRADE, TYPICAL

24" MIN. TRENCH WIDTH

14 AWG SINGLE STRAND LOCATOR WIRE, TYPICAL

6" PIPE BEDDING

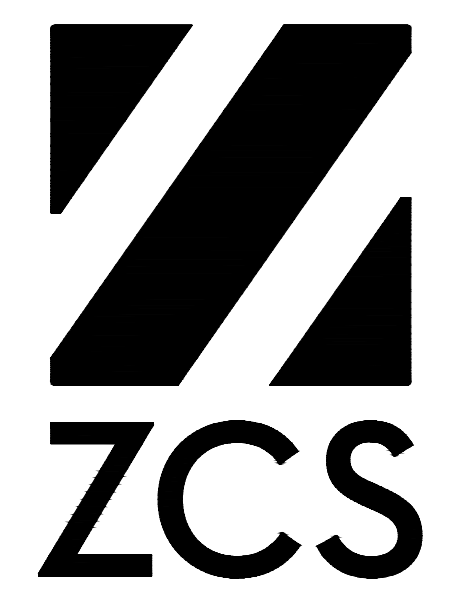
12" PIPE ZONE

8" TYPICAL

3/4" MINUS CRUSHED AGGREGATE COMPACTED TO 95% OF ASTM D698

TRENCH FOUNDATION STABILIZATION MATERIAL AS REQUIRED

5 TYPICAL WET UTILITY TRENCH IN LANDSCAPE AREAS SECTION



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 ASHLAND, OR 97520

CASCADE HALL DRAINAGE PLAN



DESCRIPTION	DATE

PROJECT NO: M-0396-24
 DRAWN: LRS
 CHECKED: BJD
 DATE: 11/22/2024

POST DEMOLITION DRAINAGE PLAN

C1.00

CONSTRUCTION DOCUMENTS