

RILEY CREEK ELEMENTARY SCHOOL  
PARKING LOT IMPROVEMENTS

94350 6TH STREET  
GOLD BEACH, OR 97444



CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



ABBREVIATIONS

APWA

AMERICAN PUBLIC WORKS ASSOCIATION

ASTM

AMERICAN STANDARD TEST METHOD

AWWA

AMERICAN WATER WORKS ASSOCIATION

BMP

BEST MANAGEMENT PRACTICE

DEQ

DEPARTMENT OF ENVIRONMENTAL QUALITY

EPA

ENVIRONMENTAL PROTECTION AGENCY

ESC

EROSION AND SEDIMENT CONTROL

(E)

EXISTING

FDC

FIRE DEPARTMENT CONNECTION

GC

GENERAL CONTRACTOR

IE

INVERT ELEVATION

LF

LINEAL FEET

MEP

MECHANICAL, ELECTRICAL, & PLUMBING

MUTCD

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

MAX

MAXIMUM

MIN

MINIMUM

NAVD

NORTH AMERICAN VERTICAL DATUM

ODOT

OREGON DEPARTMENT OF TRANSPORTATION

OSSC

OREGON STRUCTURAL SPECIALTY CODE

OPSC

OREGON PLUMBING SPECIALTY CODE

OFOI

OWNER FURNISHED, OWNER INSTALLED

PG

PERFORMANCE GRADE

ROW

RIGHT-OF-WAY

TOC

TIME OF CONSTRUCTION

TYP

TYPICAL

UNO

UNLESS NOTED OTHERWISE

PROJECT INFORMATION

PROJECT TEAM

OWNER

CENTRAL CURRY SCHOOL DISTRICT

CONTACT: ERIC MILBURN

29805 MARY STREET

GOLD BEACH, OR 97444

(541) 247-2003

CIVIL ENGINEER OF RECORD

LUCAS G. GOWEY, PE

CONTACT: MALIA WATERS

ZCS

127 NW D STREET

GRANTS PASS, OR 97526

(503) 943-0089

COUNTY BUILDING OFFICIAL

GARRETT THOMSON

94235 MOORE STREET, SUITE 113

GOLD BEACH, OR 97444

(541) 247-3379

OWNER REPRESENTATIVE

HMK COMPANY

CONTACT: PAUL CHAMBERLIN

46 N FRONT STREET, SUITE 201

MEDFORD, OR 97501

(503) 949-5569

GEOTECHNICAL ENGINEER

DENNIS DURU, PE, GE

THE GALLI GROUP

612 NW 3RD STREET

GRANTS PASS, OR 97526

(541) 955-1611

SURVEYOR

JOHN R. PARIANI, PLS

PARIANI LAND SURVEYING

17 S PLATT AVENUE

EAGLE POINT, OR 97524

(541) 890-1131

LOT INFORMATION:

SITE LOCATION:

94350 6TH STREET

GOLD BEACH, OR 97444

TAX MAP:

T37S-R14W-S06BB

TAX LOT:

3400

SITE ACREAGE:

±8.09 ACRES

AREA OF DISTURBANCE:

±1.00 ACRES

ZONING:

7-PF - PUBLIC FACILITIES

BENCHMARK/SURVEY DATA:

HORIZONTAL DATUM:

OREGON STATE PLANE, SOUTH ZONE

VERTICAL DATUM:

NAVD88

CONTACT PROJECT SURVEYOR FOR ADDITIONAL INFORMATION, IF NECESSARY

ATTENTION:

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. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).

VICINITY MAP

SHEET INDEX

C0.00

CIVIL COVER SHEET

C0.10

CIVIL SPECIFICATIONS

C0.20

CIVIL SPECIFICATIONS

C0.30

CIVIL SPECIFICATIONS

C1.00

EXISTING CONDITIONS & DEMOLITION PLAN

C2.00

PAVING & SURFACING PLAN

C2.10

SITE CONSTRUCTION, PAVEMENT MARKING & DIMENSIONING PLAN

C3.00

OVERALL GRADING & DRAINAGE PLAN

C3.10

GRADING & DRAINAGE PLAN - AREA A

C3.20

GRADING & DRAINAGE PLAN - AREA B

C4.00

CIVIL DETAILS

C4.10

CIVIL DETAILS

C5.00

AGENCY STANDARD DETAILS

C5.10

AGENCY STANDARD DETAILS

C6.00

ESCP - COVER SHEET

C6.01

ESCP - NOTES

C6.10

ESCP - EXISTING CONDITIONS

C6.20

ESCP - DEMOLITION & CLEARING PHASE

C6.30

ESCP - MASS GRADING PHASE

C6.40

ESCP - PAVING & FLATWORK PHASE

C6.50

ESCP - DETAILS

C6.51

ESCP - DETAILS

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE PROJECT SPECIFICATIONS, CURRENT OREGON PLUMBING SPECIALTY CODE, AND ALL APPLICABLE STATE, CITY, AND COUNTY REGULATIONS AND STANDARDS. CONTACT ENGINEER FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS.

2. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE SCHEDULED AND COMPLETED PRIOR TO PROCEEDING WITH SUBSEQUENT WORK. COORDINATE WITH ENGINEER AND AGENCY(IES) HAVING JURISDICTION FOR INSPECTION REQUIREMENTS.

3. THE PROJECT GEOTECHNICAL ENGINEERING DESIGN REPORT PREPARED BY THE GALLI GROUP DATED JANUARY 12, 2024 IS INCORPORATED INTO THE CONSTRUCTION DOCUMENTS BY REFERENCE. CONTRACTOR SHALL FOLLOW ALL RECOMMENDATIONS WITHIN THE GEOTECHNICAL ENGINEERING REPORT UNLESS SPECIFICALLY NOTED OTHERWISE.

4. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE GOVERNING AGENCY'S INSPECTOR AND SHALL CONFORM TO THAT AGENCY'S CURRENT ENGINEERING STANDARD SPECIFICATIONS AND DETAILS.

5. THE GENERAL CONTRACTOR AND ALL THEIR AFFILIATES SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.

6. ALL CONSTRUCTION STAKING, GRADE SURVEYING, AND HORIZONTAL LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OREGON, COORDINATE WITH ENGINEER PRIOR TO CONSTRUCTION.

7. 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.

8. CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING WORK.

9. CONTRACTOR SHALL COORDINATE UTILITY SHUTOFF(S) WITH OWNER AND UTILITY PROVIDER 48 HOURS MINIMUM PRIOR TO CONSTRUCTION TO ENSURE MINIMAL SERVICE DISRUPTION DURING OPERATING HOURS.

10. ALL EXCAVATION, TRENCH BACK FILL, PARKING LOT/ROAD SUB-GRADE, FLAT WORK SUB-GRADE, COMPACTION REQUIREMENTS, ETC. SHALL BE AS NOTED IN THE SITE PREPARATION NOTES AND/OR THE PROJECT GEOTECHNICAL REPORT.

11. ALL UTILITY SERVICES SHALL BE INSTALLED PER THE RESPECTIVE UTILITY CODES AND STANDARDS.

12. ALL UTILITIES SHALL HAVE A MINIMUM COVER AS IDENTIFIED IN THE PLAN SET OR AS OTHERWISE SPECIFIED BY THE RESPECTIVE UTILITY COMPANY.

13. GAS, POWER, TELEPHONE, CABLE, AND FIBER OPTIC LINES SHALL BE INSTALLED BASED ON THE PLANS AND SPECIFICATIONS PROVIDED BY THE APPLICABLE UTILITY COMPANY OR DESIGN-BUILD CONTRACTOR. APPROXIMATE UTILITY LOCATIONS HAVE BEEN PROVIDED ON THIS PLAN SET AS A REFERENCE. CONTRACTOR SHALL COORDINATE TRENCH EXCAVATIONS, CONDUIT INSTALLATIONS, BEDDING, BACKFILLING, AND INSPECTION REQUIREMENTS WITH THE APPROPRIATE UTILITY REPRESENTATIVES.

14. ALL UNDERGROUND UTILITIES AND SERVICE LATERALS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS AND GUTTERS. CONTRACTOR SHALL STAMP CURBS OR SIDEWALKS (AS APPLICABLE) TO MARK THE LOCATIONS OF ALL SERVICE LINES (S - SANITARY, W - WATER, D - STORM DRAIN, G - GAS).

15. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AN AS-BUILT DRAWING OF ALL UTILITY INSTALLATIONS INCLUDING THE SIZE, TYPE, DEPTH, TYPE OF CONNECTIONS, INSTALLATION DATE, LOCATION, AND SKETCH (WHERE NECESSARY).

16. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. COORDINATE WITH THE ENGINEER AND AGENCY(IES) HAVING JURISDICTION PRIOR TO CONSTRUCTION TO IDENTIFY PERMIT REQUIREMENTS.

17. CONTRACTOR SHALL PROVIDE ENGINEER WITH SUBMITTALS PRIOR TO ORDERING MATERIALS & PROVIDE SHOP DRAWING SUBMITTALS ON ALL PERMANENTLY INSTALLED MANUFACTURED ITEMS.

18. 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).

19. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EROSION CONTROL NOTE:

THE C6.00-SERIES DRAWINGS CONTAIN A 1200-C EROSION AND SEDIMENT CONTROL PLAN THAT MUST BE IMPLEMENTED PRIOR TO AND DURING COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE INFORMATION CONTAINED WITHIN THE REFERENCED DRAWINGS SHALL BE CONSIDERED A MINIMUM AND SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR AND AGENCY INSPECTOR TO CONTAIN ALL SEDIMENT ON SITE. SPECIAL ATTENTION SHALL BE TAKEN AT ALL EXISTING CATCH BASINS AND CHANNELS AS TO ELIMINATE ANY SEDIMENT TRANSFER INTO THE EXISTING STORM DRAIN SYSTEM.

UTILITY STATEMENT:

EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS ARE APPROXIMATED BASED ON AS-BUILTS OBTAINED FROM THE DISTRICT, 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 NECESSARY PRIOR TO CONSTRUCTION.

RESTORATION STATEMENT:

CONTRACTOR SHALL RESTORE BACK TO ORIGINAL CONDITION, PRIOR TO CONTRACT COMPLETION. ALL DISTURBED SURFACES IMPACTED DURING CONSTRUCTION SHALL BE SEEDDED WITH AN APPROVED LAWN SEED MIX. ACCESS, SIDEWALKS, CURBS, ASPHALT, LAWN, AND LANDSCAPE AREAS. DISTURBED AREAS TO BE GRADED SMOOTH AND ADEQUATELY SLOPED TO DRAIN. AREA SHALL BE CLEAN AND FINISH GRADED BEFORE FINAL DEMOBILIZATION. COORDINATE WITH ENGINEER AND OWNER AT THE TIME OF PROJECT CONSTRUCTION COMPLETION.

LANDSCAPE REPAIR NOTES:

DISTURBED AREAS SHALL BE REPAIRED TO MATCH ADJACENT EXISTING CONDITIONS AND SHALL BE SEEDDED WITH AN APPROVED LAWN SEED MIX. CONTRACTOR SHALL COORDINATE FINAL SEED MIX SELECTION AND ANY NECESSARY IMPROVEMENTS TO SUPPORT SEED GERMINATION AND SURVIVAL WITH OWNER. AT A MINIMUM ALL DISTURBED AREAS SHALL BE STABILIZED TO PREVENT EROSION AND THE SEDIMENTATION OF DOWNSTREAM PROPERTIES AFTER CONSTRUCTION.

SITE PLAN

TRUE/PROJECT NORTH

REGISTERED PROFESSIONAL ENGINEER

LUCAS G. GOWEY

EXPIRES: 06/30/27

PROJECT NO.: G-1710-26

DRAWN: LRS

CHECKED: MKW

DATE: 02/20/2026

CIVIL COVER SHEET

C0.00

ONE INCH EQUALS FULL SCALE

BID & PERMIT SET NOT FOR CONSTRUCTION



SECTION 01 5713 - TEMPORARY ESC

- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. PREVENTION OF EROSION DUE TO CONSTRUCTION ACTIVITIES.
- B. PREVENTION OF SEDIMENTATION OF WATERWAYS, OPEN DRAINAGE WAYS, AND STORM AND SANITARY SEWERS DUE TO CONSTRUCTION ACTIVITIES.
- C. RESTORATION OF AREAS ERODED DUE TO INSUFFICIENT PREVENTIVE MEASURES.
- D. COMPENSATION OF CENTRAL CURRY SCHOOL DISTRICT FOR FINES LEVIED BY AUTHORITIES HAVING JURISDICTION DUE TO NON-COMPLIANCE BY CONTRACTOR.
- 1.02 RELATED REQUIREMENTS
- A. SECTION 31 1000 - SITE CLEARING: LIMITS ON CLEARING; DISPOSITION OF VEGETATIVE CLEARING DEBRIS.
- B. SECTION 31 2200 - GRADING: TEMPORARY AND PERMANENT GRADE CHANGES FOR EROSION CONTROL.
- C. SECTION 32 1120 - AGGREGATE BASE COURSES: TEMPORARY AND PERMANENT ROADWAYS.
- 1.03 REFERENCE STANDARDS
- A. ASTM D4355/D4355M - STANDARD TEST METHOD FOR DETERIORATION OF GEOTEXTILES BY EXPOSURE TO LIGHT, MOISTURE, AND HEAT IN A XENON ARC-TYPE APPARATUS; 2021.
- B. ASTM D4491/D4491M - STANDARD TEST METHODS FOR WATER PERMEABILITY OF GEOTEXTILES BY PERMITTIVITY; 2022.
- C. ASTM D4533/D4533M - STANDARD TEST METHOD FOR TRAPEZOID TEARING STRENGTH OF GEOTEXTILES; 2015 (REAPPROVED 2023).
- D. ASTM D4632/D4632M - STANDARD TEST METHOD FOR GRAB BREAKING LOAD AND ELONGATION OF GEOTEXTILES; 2015a (REAPPROVED 2023).
- E. ASTM D4751 - STANDARD TEST METHODS FOR DETERMINING APPARENT OPENING SIZE OF A GEOTEXTILE; 2021a.
- F. ASTM D4873/D4873M - STANDARD GUIDE FOR IDENTIFICATION, STORAGE, AND HANDLING OF GEOSYNTHETIC ROLLS AND SAMPLES; 2017 (REAPPROVED 2021).
- G. EPA (NPDES) - NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM, CONSTRUCTION GENERAL PERMIT; CURRENT EDITION.
- H. FHWA FLP-94-005 - BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL; 1995.
- I. USDA TR-55 - URBAN HYDROLOGY FOR SMALL WATERSHEDS; USDA NATURAL RESOURCES CONSERVATION SERVICE; 2015.
- 1.04 PERFORMANCE REQUIREMENTS
- A. COMPLY WITH REQUIREMENTS OF EPA (NPDES) FOR EROSION AND SEDIMENTATION CONTROL, AS SPECIFIED BY THE NPDES, FOR PHASES I AND II, AND IN COMPLIANCE WITH REQUIREMENTS OF CONSTRUCTION GENERAL PERMIT (CGP), WHETHER THE PROJECT IS REQUIRED BY LAW TO COMPLY OR NOT.
- B. ALSO COMPLY WITH ALL MORE STRINGENT REQUIREMENTS OF STATE OF OREGON EROSION AND SEDIMENTATION CONTROL MANUAL.
- C. BEST MANAGEMENT PRACTICES STANDARD: FHWA FLP-94-005.
- D. DO NOT BEGIN CLEARING, GRADING, OR OTHER WORK INVOLVING DISTURBANCE OF GROUND SURFACE COVER UNTIL APPLICABLE PERMITS HAVE BEEN OBTAINED; FURNISH ALL DOCUMENTATION REQUIRED TO OBTAIN APPLICABLE PERMITS.
- 1.1. CENTRAL CURRY SCHOOL DISTRICT WILL OBTAIN PERMITS AND PAY FOR SECURITIES REQUIRED BY AUTHORITY HAVING JURISDICTION.
- 1.2. CENTRAL CURRY SCHOOL DISTRICT WILL WITHHOLD PAYMENT TO CONTRACTOR EQUIVALENT TO ALL FINES RESULTING FROM NON-COMPLIANCE WITH APPLICABLE REGULATIONS.
- E. TIMING: PUT PREVENTIVE MEASURES IN PLACE AS SOON AS POSSIBLE AFTER DISTURBANCE OF SURFACE COVER AND BEFORE PRECIPITATION OCCURS.
- F. STORM WATER RUNOFF: CONTROL INCREASED STORM WATER RUNOFF DUE TO DISTURBANCE OF SURFACE COVER DUE TO CONSTRUCTION ACTIVITIES FOR THIS PROJECT.
- 1.1. PREVENT RUNOFF INTO STORM AND SANITARY SEWER SYSTEMS, INCLUDING OPEN DRAINAGE CHANNELS, IN EXCESS OF ACTUAL CAPACITY OR AMOUNT ALLOWED BY AUTHORITIES HAVING JURISDICTION, WHICHEVER IS LESS.
- 1.2. ANTICIPATE RUNOFF VOLUME DUE TO THE MOST EXTREME SHORT TERM AND 24-HOUR RAINFALL EVENTS THAT MIGHT OCCUR IN 2 YEARS.
- G. EROSION ON SITE: MINIMIZE WIND, WATER, AND VEHICULAR EROSION OF SOIL ON PROJECT SITE DUE TO CONSTRUCTION ACTIVITIES FOR THIS PROJECT.
- 1.1. CONTROL MOVEMENT OF SEDIMENT AND SOIL FROM TEMPORARY STOCKPILES OF SOIL.
- 1.2. PREVENT DEVELOPMENT OF RUTS DUE TO EQUIPMENT AND VEHICULAR TRAFFIC.
- 1.3. IF EROSION OCCURS DUE TO NON-COMPLIANCE WITH THESE REQUIREMENTS, RESTORE ERODED AREAS AT NO COST TO CENTRAL CURRY SCHOOL DISTRICT.
- H. EROSION OFF SITE: PREVENT EROSION OF SOIL AND DEPOSITION OF SEDIMENT ON OTHER PROPERTIES CAUSED BY WATER LEAVING THE PROJECT SITE DUE TO CONSTRUCTION ACTIVITIES FOR THIS PROJECT.
- 1.1. PREVENT WINDBLOWN SOIL FROM LEAVING THE PROJECT SITE.
- 1.2. PREVENT TRACKING OF MUD ONTO PUBLIC ROADS OUTSIDE SITE.
- 1.3. PREVENT MUD AND SEDIMENT FROM FLOWING ONTO SIDEWALKS AND PAVEMENTS.
- 1.4. IF EROSION OCCURS DUE TO NON-COMPLIANCE WITH THESE REQUIREMENTS, RESTORE ERODED AREAS AT NO COST TO CENTRAL CURRY SCHOOL DISTRICT.
- I. SEDIMENTATION OF WATERWAYS ON SITE: PREVENT SEDIMENTATION OF WATERWAYS ON THE PROJECT SITE, INCLUDING RIVERS, STREAMS, LAKES, PONDS, OPEN DRAINAGE WAYS, STORM SEWERS, AND SANITARY SEWERS.
- 1.1. IF SEDIMENTATION OCCURS, INSTALL OR CORRECT PREVENTIVE MEASURES IMMEDIATELY AT NO COST TO CENTRAL CURRY SCHOOL DISTRICT; REMOVE DEPOSITED SEDIMENTS; COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- 1.2. IF SEDIMENT BASINS ARE USED AS TEMPORARY PREVENTIVE MEASURES, PUMP DRY AND REMOVE DEPOSITED SEDIMENT AFTER EACH STORM.
- J. SEDIMENTATION OF WATERWAYS OFF SITE: PREVENT SEDIMENTATION OF WATERWAYS OF THE PROJECT SITE, INCLUDING RIVERS, STREAMS, LAKES, PONDS, OPEN DRAINAGE WAYS, STORM SEWERS, AND SANITARY SEWERS.
- 1.1. IF SEDIMENTATION OCCURS, INSTALL OR CORRECT PREVENTIVE MEASURES IMMEDIATELY AT NO COST TO CENTRAL CURRY SCHOOL DISTRICT; REMOVE DEPOSITED SEDIMENTS; COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- K. OPEN WATER: PREVENT STANDING WATER THAT COULD BECOME STAGNANT.
- L. MAINTENANCE: MAINTAIN TEMPORARY PREVENTIVE MEASURES UNTIL PERMANENT MEASURES HAVE BEEN ESTABLISHED.
- 1.04 SUBMITTALS
- A. SEE SECTION 01 3000 - ADMINISTRATIVE REQUIREMENTS, FOR SUBMITTAL PROCEDURES.
- B. CERTIFICATE: MILL CERTIFICATE FOR SILT FENCE FABRIC ATTESTING THAT FABRIC AND FACTORY SEAMS COMPLY WITH SPECIFIED REQUIREMENTS, SIGNED BY LEGALLY AUTHORIZED OFFICIAL OF MANUFACTURER; INDICATE ACTUAL MINIMUM AVERAGE ROLL VALUES; IDENTIFY FABRIC BY ROLL IDENTIFICATION NUMBERS.
- C. INSPECTION REPORTS: SUBMIT REPORT OF EACH INSPECTION;

- IDENTIFY EACH PREVENTIVE MEASURE, INDICATE CONDITION, AND SPECIFY MAINTENANCE OR REPAIR REQUIRED AND ACCOMPLISHED.
- D. MAINTENANCE INSTRUCTIONS: PROVIDE INSTRUCTIONS COVERING INSPECTION AND MAINTENANCE FOR TEMPORARY MEASURES THAT MUST REMAIN AFTER SUBSTANTIAL COMPLETION.
- PART 2 PRODUCTS
- 2.01 MATERIALS
- A. MULCH: USE ONE OF THE FOLLOWING:
- 1.1. WOOD WASTE, CHIPS, OR BARK.
- 1.2. EROSION CONTROL MATTING OR NETTING.
- 1.3. POLYETHYLENE FILM, WHERE SPECIFICALLY INDICATED ONLY.
- B. GRASS SEED FOR TEMPORARY COVER: SELECT A SPECIES APPROPRIATE TO CLIMATE, PLANTING SEASON, AND INTENDED PURPOSE. IF SAME AREA WILL LATER BE PLANTED WITH PERMANENT VEGETATION, DO NOT USE SPECIES KNOWN TO BE EXCESSIVELY COMPETITIVE OR PRONE TO VOLUNTEER IN SUBSEQUENT SEASONS.
- C. SILT FENCE FABRIC: POLYPROPYLENE GEOTEXTILE RESISTANT TO COMMON SOIL CHEMICALS, MILDEW, AND INSECTS; NON-BIODEGRADABLE; IN LONGEST LENGTHS POSSIBLE; FABRIC INCLUDING SEAMS WITH THE FOLLOWING MINIMUM AVERAGE ROLL LENGTHS:
- 1.1. AVERAGE OPENING SIZE: 30 U.S. STD. SIEVE, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4751.
- 1.2. PERMITTIVITY: 0.05 SEC<sup>-1</sup>, MINIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4491/D4491M.
- 1.3. ULTRAVIOLET RESISTANCE: RETAINING AT LEAST 70 PERCENT OF TENSILE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM D4355/D4355M AFTER 500 HOURS EXPOSURE.
- 1.4. TENSILE STRENGTH: 100 POUNDS-FORCE, MINIMUM, IN CROSS-MACHINE DIRECTION; 124 POUNDS-FORCE, MINIMUM, IN MACHINE DIRECTION; WHEN TESTED IN ACCORDANCE WITH ASTM D4632/D4632M.
- 1.5. ELONGATION: 15 TO 30 PERCENT, WHEN TESTED IN ACCORDANCE WITH ASTM D4632/D4632M.
- 1.6. TEAR STRENGTH: 55 POUNDS-FORCE, MINIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4533.
- 1.7. COLOR: MANUFACTURER'S STANDARD, WITH EMBEDMENT AND FASTENER LINES PREPRINTED.
- 1.8. MANUFACTURERS:
- a. BP AMOCO, AMOCO FABRICS AND FIBERS: WWW.GEOTEXTILE.COM
- b. TENCATE: WWW.TENCATE.COM
- c. NORTH AMERICAN GREEN: WWW.NAGREEN.COM
- d. PROPEX GEOSYNTHETICS: WWW.GEOTEXTILE.COM
- D. SILT FENCE POSTS: ONE OF THE FOLLOWING, MINIMUM 5 FEET LONG:
- 1.1. HARDWOOD, 2 BY 2 INCHES IN CROSS SECTION.
- E. GRAVEL: SEE SECTION 32 1123 FOR AGGREGATE.
- PART 3 EXECUTION
- 3.01 EXAMINATION
- A. EXAMINE SITE AND IDENTIFY EXISTING FEATURES THAT CONTRIBUTE TO EROSION RESISTANCE, MAINTAIN SUCH EXISTING FEATURES TO GREATEST EXTENT POSSIBLE.
- 3.02 PREPARATION
- A. SCHEDULE WORK SO THAT SOIL SURFACES ARE LEFT EXPOSED FOR THE MINIMUM AMOUNT OF TIME.
- 3.03 SCOPE OF PREVENTIVE MEASURES
- A. IN ALL CASES, IF PERMANENT EROSION RESISTANT MEASURES HAVE BEEN INSTALLED TEMPORARY PREVENTIVE MEASURES ARE NOT REQUIRED.
- B. CONSTRUCTION ENTRANCES: TRAFFIC-BEARING AGGREGATE SURFACE.
- 1.1. WIDTH: AS REQUIRED; 20 FEET, MINIMUM.
- 1.2. LENGTH: 50 FEET, MINIMUM.
- 1.3. PROVIDE AT EACH CONSTRUCTION ENTRANCE FROM PUBLIC RIGHT-OF-WAY.
- 1.4. WHERE NECESSARY TO PREVENT TRACKING OF MUD ONTO RIGHT-OF-WAY, PROVIDE WHEEL WASHING AREA OUT OF DIRECT TRAFFIC LANE, WITH DRAIN INTO SEDIMENT TRAP OR BASIN.
- C. LINEAR SEDIMENT BARRIERS: MADE OF SILT FENCES.
- 1.1. PROVIDE LINEAR SEDIMENT BARRIERS:
- a. ALONG DOWNHILL PERIMETER EDGE OF DISTURBED AREAS, INCLUDING SOIL STOCKPILES.
- b. ALONG THE TOP OF THE SLOPE OR TOP BANK OF DRAINAGE CHANNELS AND SWALES THAT TRAVERSE DISTURBED AREAS.
- c. ALONG THE TOE OF CUT SLOPES AND FILL SLOPES.
- d. PERPENDICULAR TO FLOW ACROSS THE BOTTOM OF EXISTING AND NEW DRAINAGE CHANNELS AND SWALES THAT TRAVERSE DISTURBED AREAS OR CARRY RUNOFF FROM DISTURBED AREAS; SPACE AT MAXIMUM OF 200 FEET APART.
- e. ACROSS THE ENTRANCES TO CULVERTS THAT RECEIVE RUNOFF FROM DISTURBED AREAS.
- 2.1. SPACE SEDIMENT BARRIERS WITH THE FOLLOWING MAXIMUM SLOPE LENGTH UPSLOPE FROM BARRIER:
- a. SLOPE OF LESS THAN 2 PERCENT: 100 FEET.
- b. SLOPE BETWEEN 2 AND 5 PERCENT: 75 FEET.
- c. SLOPE BETWEEN 5 AND 10 PERCENT: 50 FEET.
- d. SLOPE BETWEEN 10 AND 20 PERCENT: 25 FEET.
- e. SLOPE OVER 20 PERCENT: 15 FEET.
- D. STORM DRAIN CURB INLET SEDIMENT TRAP: PROTECT EACH CURB INLET USING ONE OF THE FOLLOWING MEASURES:
- 1.1. FILTER FABRIC WRAPPED AROUND HOLLOW CONCRETE BLOCKS BLOCKING ENTIRE INLET FACE AREA; USE ONE PIECE OF FABRIC WRAPPED AT LEAST 1-1/2 TIMES AROUND CONCRETE BLOCKS AND SECURED TO PREVENT DISLODGING; ORIENT CORES OF BLOCKS SO RUNOFF PASSES INTO INLET.
- 1.2. STRAW BALE ROW BLOCKING ENTIRE INLET FACE AREA; ANCHOR INTO PAVEMENT.
- E. STORM DRAIN DROP INLET SEDIMENT TRAPS: AS DETAILED ON DRAWINGS.
- F. TEMPORARY SPLASH PADS: STONE AGGREGATE OVER FILTER FABRIC, SIZE TO SUIT APPLICATION; PROVIDE AT DOWNSPOUT OUTLETS AND STORM WATER OUTLETS.
- G. SOIL STOCKPILES: PROTECT USING ONE OF THE FOLLOWING MEASURES:
- 1.1. COVER WITH POLYETHYLENE FILM, SECURED BY PLACING SOIL ON OUTER EDGES.
- 1.2. COVER WITH MULCH AT LEAST 4 INCHES THICKNESS OF PINE NEEDLES, SAWDUST, BARK, WOOD CHIPS, OR SHREDDED LEAVES, OR 6 INCHES OF STRAW OR HAY.
- H. MULCHING: USE ONLY FOR AREAS THAT MAY BE SUBJECTED TO EROSION FOR LESS THAN 6 MONTHS.
- 1.1. WOOD WASTE: USE ONLY ON SLOPES 3:1 OR FLATTER; NO ANCHORING REQUIRED.
- I. TEMPORARY SEEDING: USE WHERE TEMPORARY VEGETATED COVER IS REQUIRED.
- 3.04 INSTALLATION
- A. TRAFFIC-BEARING AGGREGATE SURFACE:

- 1.1. EXCAVATE MINIMUM OF 6 INCHES.
- 1.2. PLACE GEOTEXTILE FABRIC FULL WIDTH AND LENGTH, WITH MINIMUM 24 INCH OVERLAP AT JOINTS.
- 1.3. PLACE AND COMPACT AT LEAST 8 INCHES OF 2 INCH DIAMETER DRAIN ROCK.
- B. SILT FENCES:
- 1.1. STORE AND HANDLE FABRIC IN ACCORDANCE WITH ASTM D4873.
- 1.2. WHERE SLOPE GRADIENT IS LESS THAN 3:1 OR BARRIERS WILL BE IN PLACE LESS THAN 6 MONTHS, USE NOMINAL 16 INCH HIGH BARRIERS WITH MINIMUM 36 INCH LONG POSTS SPACED AT 6 FEET MAXIMUM, WITH FABRIC EMBEDDED AT LEAST 4 INCHES IN GROUND.
- 1.3. WHERE SLOPE GRADIENT IS STEEPER THAN 3:1 OR BARRIERS WILL BE IN PLACE OVER 6 MONTHS, USE NOMINAL 28 INCH HIGH BARRIERS, MINIMUM 48 INCH LONG POSTS SPACED AT 6 FEET MAXIMUM, WITH FABRIC EMBEDDED AT LEAST 6 INCHES IN GROUND.
- 1.4. WHERE SLOPE GRADIENT IS STEEPER THAN 3:1 AND VERTICAL HEIGHT OF SLOPE BETWEEN BARRIERS IS MORE THAN 20 FEET, USE NOMINAL 32 INCH HIGH BARRIERS WITH WOVEN WIRE REINFORCEMENT AND STEEL POSTS SPACED AT 4 FEET MAXIMUM, WITH FABRIC EMBEDDED AT LEAST 8 INCHES IN GROUND.
- 1.5. INSTALL WITH TOP OF FABRIC AT NOMINAL HEIGHT AND EMBEDMENT AS SPECIFIED.
- 1.6. DO NOT SPLICE FABRIC WIDTH; MINIMIZE SPLICES IN FABRIC LENGTH; SPLICE AT POST ONLY, OVERLAPPING AT LEAST 18 INCHES, WITH EXTRA POST.
- 1.7. FASTEN FABRIC TO WOOD POSTS USING ONE OF THE FOLLOWING:
- a. FOUR NAILS PER POST WITH 3/4 INCH DIAMETER FLAT OR BUTTON HEAD, 1 INCH LONG, AND 14 GAUGE, 0.083 INCH SHANK DIAMETER.
- b. FIVE STAPLES PER POST WITH AT LEAST 17 GAUGE, 0.0453 INCH WIRE, 3/4 INCH CROWN WIDTH AND 1/2 INCH LONG LEGS.
- 8.1. WHEREVER RUNOFF WILL FLOW AROUND END OF BARRIER OR OVER THE TOP, PROVIDE TEMPORARY SPLASH PAD OR OTHER OUTLET PROTECTION; AT SUCH OUTLETS IN THE RUN OF THE BARRIER, MAKE BARRIER NOT MORE THAN 12 INCHES HIGH WITH POST SPACING NOT MORE THAN 4 FEET.
- C. TEMPORARY SEEDING:
- 1.1. WHEN HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED.
- 1.2. WHEN SURFACE SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH UNDISTURBED CUT SLOPES, AND CONVENTIONAL OR MANUAL SEEDING IS TO BE USED, PREPARE SEEDBED BY SCARIIFYING SUFFICIENTLY TO ALLOW SEED TO LODGE AND GERMINATE.
- 1.3. IF TEMPORARY MULCHING WAS USED ON PLANTING AREA BUT NOT REMOVED, APPLY NITROGEN FERTILIZER AT 1 POUND PER 1000 SQ FT.
- 1.4. ON SOILS OF VERY LOW FERTILITY, APPLY 10-10-10 FERTILIZER AT RATE OF 12 TO 16 POUNDS PER 1000 SQ FT.
- 1.5. INCORPORATE FERTILIZER INTO SOIL BEFORE SEEDING.
- 1.6. APPLY SEED UNIFORMLY, IF USING DRILL OR CULTIPACKER SEEDERS PLACE SEED 1/2 TO 1 INCH DEEP.
- 1.7. IRRIGATE AS REQUIRED TO THOROUGHLY WET SOIL TO DEPTH THAT WILL ENSURE GERMINATION, WITHOUT CAUSING RUNOFF OR EROSION.
- 1.8. REPEAT IRRIGATION AS REQUIRED UNTIL GRASS IS ESTABLISHED.
- 3.05 MAINTENANCE
- A. INSPECT PREVENTIVE MEASURES WEEKLY, WITHIN 24 HOURS AFTER THE END OF ANY STORM THAT PRODUCES 0.5 INCHES OR MORE RAINFALL AT THE PROJECT SITE, AND DAILY DURING PROLONGED RAINFALL.
- B. REPAIR DEFICIENCIES IMMEDIATELY.
- C. SILT FENCES:
- 1.1. PROMPTLY REPLACE FABRIC THAT DETERIORATES UNLESS NEED FOR FENCE HAS PASSED.
- 1.2. REMOVE SILT DEPOSITS THAT EXCEED ONE-THIRD OF THE HEIGHT OF THE FENCE.
- 1.3. REPAIR FENCES THAT ARE UNDERCUT BY RUNOFF OR OTHERWISE DAMAGED, WHETHER BY RUNOFF OR OTHER CAUSES.
- D. CLEAN OUT TEMPORARY SEDIMENT CONTROL STRUCTURES WEEKLY AND RELOCATE SOIL ON SITE.
- E. PLACE SEDIMENT IN APPROPRIATE LOCATIONS ON SITE; DO NOT REMOVE FROM SITE.
- 3.06 CLEAN UP
- A. REMOVE TEMPORARY MEASURES AFTER PERMANENT MEASURES HAVE BEEN INSTALLED, UNLESS PERMITTED TO REMAIN BY ENGINEER.
- B. CLEAN OUT TEMPORARY SEDIMENT CONTROL STRUCTURES THAT ARE TO REMAIN AS PERMANENT MEASURES.
- C. WHERE REMOVAL OF TEMPORARY MEASURES WOULD LEAVE EXPOSED SOIL, SHAPE SURFACE TO AN ACCEPTABLE GRADE AND FINISH TO MATCH ADJACENT GROUND SURFACES.
- END OF SECTION

SECTION 31 1000 - SITE CLEARING

- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. CLEARING AND PROTECTION OF VEGETATION.
- B. REMOVAL OF EXISTING DEBRIS.
- C. REMOVAL OF EXISTING PAVED SURFACES.
- 1.02 RELATED REQUIREMENTS
- A. SECTION 01 5000 - TEMPORARY FACILITIES AND CONTROLS: SITE FENCES, SECURITY, PROTECTIVE BARRIERS, AND WASTE REMOVAL.
- B. SECTION 01 5713 - TEMPORARY EROSION AND SEDIMENT CONTROL.
- C. SECTION 31 2200 - GRADING: FILL MATERIAL FOR FILLING HOLES, PITS, AND EXCAVATIONS GENERATED AS A RESULT OF REMOVAL OPERATIONS.
- D. SECTION 31 2323 - FILL: FILLING HOLES, PITS, AND EXCAVATIONS GENERATED AS A RESULT OF REMOVAL OPERATIONS.
- 1.03 REFERENCE STANDARDS
- A. REFERENCE: PROJECT GEOTECHNICAL REPORT.
- 1.04 PROJECT CONDITIONS
- A. 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.
- PART 2 PRODUCTS
- 2.01 MATERIALS
- A. AS SPECIFIED IN SECTION 31 2323 - FILL AND BACKFILL
- PART 3 EXECUTION
- 3.01 SITE CLEARING

- A. 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. SCOPE: REMOVE TREES, SHRUBS, BRUSH, AND STUMPS IN AREAS TO BE COVERED BY BUILDING STRUCTURE, PAVING, PLAYING FIELDS, LAWNS, AND PLANTING BEDS.
- B. DO NOT BEGIN CLEARING UNTIL VEGETATION TO BE RELOCATED HAS BEEN REMOVED.
- C. DO NOT REMOVE OR DAMAGE VEGETATION BEYOND THE LIMITS INDICATED ON DRAWINGS.
1. EXCEPTION: SPECIFIC TREES AND VEGETATION INDICATED ON DRAWINGS TO BE REMOVED.
- D. INSTALL SUBSTANTIAL, HIGHLY VISIBLE FENCES AT LEAST 6 FEET HIGH TO PREVENT INADVERTENT DAMAGE TO VEGETATION TO REMAIN:
1. AT VEGETATION REMOVAL LIMITS.
2. AROUND TREES TO REMAIN WITHIN VEGETATION REMOVAL LIMITS; LOCATE NO CLOSER TO TREE THAN AT THE DRIP LINE.
3. AROUND OTHER VEGETATION TO REMAIN WITHIN VEGETATION REMOVAL LIMITS.
- E. IN AREAS WHERE VEGETATION MUST BE REMOVED BUT NO CONSTRUCTION WILL OCCUR OTHER THAN PVIOUS PAVING, REMOVE VEGETATION WITH MINIMUM DISTURBANCE OF THE SUBSOIL.
- F. 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 24 INCHES.
3. SOD: RE-USE ON SITE IF POSSIBLE; OTHERWISE SELL IF MARKETABLE, AND IF NOT, TREAT AS SPECIFIED FOR OTHER VEGETATION REMOVED.
- G. 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 CENTRAL CURRY SCHOOL DISTRICT. COORDINATE ANY SUCH WORK WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- 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

SECTION 31 2200 - GRADING

- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. ROUGH GRADING THE SITE FOR SITE STRUCTURES, BUILDING PADS, AND SURFACE IMPROVEMENTS.
- B. FINISH GRADING.
- 1.02 RELATED REQUIREMENTS
- A. SECTION 31 1000 - SITE CLEARING.
- B. SECTION 31 2316 - EXCAVATION.
- C. SECTION 31 2323 - FILL: FILLING AND COMPACTION.
- 1.03 REFERENCE STANDARDS
- A. REFERENCE: PROJECT GEOTECHNICAL REPORT.
- 1.04 SUBMITTALS
- A. PROJECT RECORD DOCUMENTS: ACCURATELY RECORD ACTUAL LOCATIONS OF UTILITIES REMAINING BY HORIZONTAL DIMENSIONS, ELEVATIONS OR INVERTS, AND SLOPE GRADIENTS.
- 1.05 QUALITY ASSURANCE
- A. PERFORM WORK IN ACCORDANCE WITH STATE OF OREGON, HIGHWAY DEPARTMENT STANDARDS.
- 1.06 PROJECT CONDITIONS
- A. PROTECT ABOVE- AND BELOW-GRADE UTILITIES THAT REMAIN.
- B. PROTECT PLANTS, LAWNS, AND OTHER FEATURES TO REMAIN AS A PORTION OF FINAL LANDSCAPING.
- C. PROTECT BENCH MARKS, SURVEY CONTROL POINTS, EXISTING STRUCTURES, FENCES, SIDEWALKS, PAVING, AND CURBS FROM GRADING EQUIPMENT AND VEHICULAR TRAFFIC.
- PART 2 PRODUCTS
- 2.01 MATERIALS
- A. AS SPECIFIED IN SECTION 31 2323 - FILL.
- 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.
- 3.03 ROUGH GRADING
- A. REMOVE TOPSOIL FROM AREAS TO BE FURTHER EXCAVATED, RE-LANDSCAPED, OR RE-GRADED, WITHOUT MIXING WITH FOREIGN MATERIALS.
- B. DO NOT REMOVE TOPSOIL WHEN WET.
- C. REMOVE SUBSOIL FROM AREAS TO BE FURTHER EXCAVATED, RE-LANDSCAPED, OR RE-GRADED.
- D. DO NOT REMOVE WET SUBSOIL, UNLESS IT IS SUBSEQUENTLY PROCESSED TO OBTAIN OPTIMUM MOISTURE CONTENT.
- E. WHEN EXCAVATING THROUGH ROOTS, PERFORM WORK BY HAND AND CUT ROOTS WITH SHARP AXE.
- F. BENCHING SLOPES: HORIZONTALLY BENCH EXISTING SLOPES GREATER THAN 1:4 TO KEY FILL MATERIAL TO SLOPE FOR FIRM BEARING.

- G. STABILITY: REPLACE DAMAGED OR DISPLACED SUBSOIL TO SAME REQUIREMENTS AS FOR SPECIFIED FILL.
- H. REMOVE AND REPLACE SOILS DEEMED UNSUITABLE BY CLASSIFICATION AND WHICH ARE EXCESSIVELY MOIST DUE TO LACK SURFACE WATER CONTROL.
- 3.04 SOIL REMOVAL
- A. STOCKPILE TOPSOIL TO BE RE-USED ON SITE; REMOVE REMAINDER FROM SITE.
- B. STOCKPILE SUBSOIL TO BE RE-USED ON SITE; REMOVE REMAINDER FROM SITE.
- C. STOCKPILES: CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND COORDINATING STOCKPILE LOCATIONS ON SITE; PILE DEPTH NOT TO EXCEED 8 FEET; PROTECT FROM EROSION.
- 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.
- C. WHERE TOPSOIL IS TO BE PLACED, SCARIFY SURFACE TO DEPTH OF 3 INCHES.
- D. IN AREAS WHERE VEHICLES OR EQUIPMENT HAVE COMPACTED SOIL, SCARIFY SURFACE TO DEPTH OF 3 INCHES.
- E. PLACE TOPSOIL IN AREAS INDICATED - REFER TO LANDSCAPE PLANS AS REQUIRED.
- F. PLACE TOPSOIL WHERE REQUIRED TO LEVEL FINISH GRADE.
- G. PLACE TOPSOIL TO THICKNESS AS SCHEDULED - REFER TO LANDSCAPE PLANS AS REQUIRED.
- H. PLACE TOPSOIL DURING DRY WEATHER.
- I. REMOVE ROOTS, WEEDS, ROCKS, AND FOREIGN MATERIAL WHILE SPREADING.
- J. NEAR PLANTS SPREAD TOPSOIL MANUALLY TO PREVENT DAMAGE.
- K. FINE GRADE TOPSOIL TO ELIMINATE UNEVEN AREAS AND LOW SPOTS. MAINTAIN PROFILES AND CONTOUR OF SUBGRADE.
- L. LIGHTLY COMPACT PLACED TOPSOIL.
- M. MAINTAIN STABILITY OF TOPSOIL DURING INCLEMENT WEATHER. REPLACE TOPSOIL IN AREAS WHERE SURFACE WATER HAS ERODED THICKNESS BELOW SPECIFICATIONS.
- 3.06 CLEANING
- A. REMOVE UNUSED STOCKPILED TOPSOIL AND SUBSOIL. GRADE STOCKPILE AREA TO PREVENT STANDING WATER.
- B. LEAVE SITE CLEAN AND RAKED, READY TO RECEIVE LANDSCAPING.
- END OF SECTION

SECTION 31 2316 - EXCAVATION

- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. EXCAVATING FOR FOOTINGS, SLABS-ON-GRADE, PAVING, SITE STRUCTURES, AND UTILITIES WITHIN THE BUILDING.
- B. TRENCHING FOR UTILITIES OUTSIDE THE BUILDING TO UTILITY MAIN CONNECTIONS.
- C. TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEMS.
- 1.02 RELATED REQUIREMENTS
- A. SECTION 01 5713 - TEMPORARY EROSION AND SEDIMENT CONTROL: SLOPE PROTECTION AND EROSION CONTROL.
- B. SECTION 31 1000 - SITE CLEARING: VEGETATION AND EXISTING DEBRIS REMOVAL.
- C. SECTION 31 2200 - GRADING: GRADING.
- D. SECTION 31 2323 - FILL: FILL MATERIALS, BACKFILLING, AND COMPACTING.
- 1.03 REFERENCE STANDARDS
- A. REFERENCE: PROJECT GEOTECHNICAL REPORT.
- 1.04 QUALITY ASSURANCE
- A. TEMPORARY SUPPORT AND EXCAVATION PROTECTION PLAN:
1. INDICATE SHEETING, SHORING, AND BRACING MATERIALS AND INSTALLATION REQUIRED TO PROTECT EXCAVATIONS AND ADJACENT STRUCTURES AND PROPERTY.
2. INCLUDE DRAWINGS AND CALCULATIONS FOR BRACING AND SHORING.
3. BRACING AND SHORING DESIGN TO MEET REQUIREMENTS OF OSHA'S EXCAVATION STANDARD, 29 CFR 1926, SUBPART P.
- B. DESIGNER QUALIFICATIONS: FOR DESIGN OF TEMPORARY SHORING AND BRACING, EMPLOY A PROFESSIONAL ENGINEER EXPERIENCED IN DESIGN OF THIS TYPE OF WORK AND LICENSED IN OREGON.
- 1.05 PROJECT CONDITIONS
- A. VERIFY THAT SURVEY BENCH MARK AND INTENDED ELEVATIONS FOR THE WORK ARE AS INDICATED.
- B. PROTECT PLANTS, LAWNS, ROCK OUTCROPPINGS, AND OTHER FEATURES TO REMAIN.
- C. PROTECT BENCH MARKS, SURVEY CONTROL POINTS, EXISTING STRUCTURES, FENCES, SIDEWALKS, PAVING, AND CURBS FROM EXCAVATING EQUIPMENT AND VEHICULAR TRAFFIC.
- PART 2 PRODUCTS (NOT USED)
- PART 3 EXECUTION
- 3.01 EXAMINATION
- A. VERIFY THAT SURVEY BENCH MARK AND INTENDED ELEVATIONS FOR THE WORK ARE AS INDICATED.
- B. SURVEY EXISTING ADJACENT STRUCTURES AND IMPROVEMENTS AND ESTABLISH EXACT ELEVATIONS AT FIXED POINTS TO ACT AS BENCHMARKS.
- 3.02 PREPARATION
- A. IDENTIFY REQUIRED LINES, LEVELS, CONTOURS, AND DATUM LOCATIONS.
- B. SEE SECTION 31 2200 FOR TOPSOIL REMOVAL.
- C. LOCATE, IDENTIFY, AND PROTECT UTILITIES THAT REMAIN AND PROTECT FROM DAMAGE.
- D. GRADE TOP PERIMETER OF EXCAVATION TO PREVENT SURFACE WATER FROM DRAINING INTO EXCAVATION. PROVIDE TEMPORARY MEANS AND METHODS, AS REQUIRED, TO MAINTAIN SURFACE WATER DIVERSION UNTIL NO LONGER NEEDED, OR AS DIRECTED BY ENGINEER.
- 3.03 TEMPORARY EXCAVATION SUPPORT AND PROTECTION
- A. EXCAVATION SAFETY: COMPLY WITH OSHA'S EXCAVATION STANDARD, 29 CFR 1926, SUBPART P.
1. EXCAVATIONS IN STABLE ROCK OR IN LESS THAN 5 FEET IN DEPTH IN GROUND JUDGED AS HAVING NO CAVE-IN POTENTIAL DO NOT REQUIRE EXCAVATION SUPPORT AND PROTECTION SYSTEMS.
2. DEPENDING UPON EXCAVATION DEPTH, TIME THAT EXCAVATION

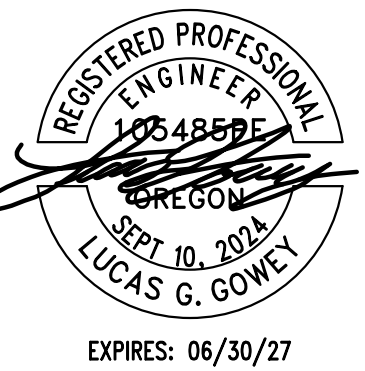
- IS OPEN. SOIL CLASSIFICATION, CONFIGURATION AND SLOPE OF EXCAVATION SIDEWALLS, DESIGN AND PROVIDE AN EXCAVATION SUPPORT AND PROTECTION SYSTEM THAT MEETS THE REQUIREMENTS OF 29 CFR 1926, SUBPART P:
- a. SLOPING AND BENCHING SYSTEMS.
- b. SUPPORT SYSTEMS, SHIELD SYSTEMS, AND OTHER PROTECTIVE SYSTEMS.
- B. LEAVE EXCAVATION SUPPORT AND PROTECTION SYSTEMS, USED AS FORMWORK OR WITHIN 10 FEET OF EXISTING FOUNDATIONS, PERMANENTLY IN PLACE, UNLESS OTHERWISE NOTED.
1. CUT OFF TOP 4 FEET BELOW GRADE, ABANDON REMAINDER.
- C. EXCAVATION SUPPORT AND PROTECTION SYSTEMS NOT REQUIRED TO REMAIN IN PLACE MAY BE REMOVED SUBJECT TO APPROVAL OF CENTRAL CURRY SCHOOL DISTRICT OR CENTRAL CURRY SCHOOL DISTRICT'S REPRESENTATIVE.
1. REMOVE TEMPORARY SHORING AND BRACING IN A MANNER TO AVOID HARMFUL DISTURBANCE TO UNDERLYING SOILS AND DAMAGE TO BUILDINGS, STRUCTURES, PAVEMENTS, FACILITIES AND UTILITIES.

- 3.04 EXCAVATING
- A. EXCAVATE TO ACCOMMODATE NEW STRUCTURES AND CONSTRUCTION OPERATIONS.
- B. NOTIFY ENGINEER OF UNEXPECTED SUBSURFACE CONDITIONS AND DISCONTINUE AFFECTED WORK IN AREA UNTIL NOTIFIED TO RESUME WORK.
- C. SLOPE BANKS OF EXCAVATIONS DEEPER THAN 4 FEET TO ANGLE OF REPOSE OR LESS UNTIL SHORED.
- D. DO NOT INTERFERE WITH 45 DEGREE BEARING SPLAY OF FOUNDATIONS.
- E. CUT UTILITY TRENCHES WIDE ENOUGH TO ALLOW INSPECTION OF INSTALLED UTILITIES.
- F. HAND TRIM EXCAVATIONS. REMOVE LOOSE MATTER.
- G. CORRECT AREAS THAT ARE OVER-EXCAVATED AND LOAD-BEARING SURFACES THAT ARE DISTURBED; SEE SECTION 31 2323.
- H. PROVIDE TEMPORARY MEANS AND METHODS, AS REQUIRED, TO REMOVE ALL WATER FROM EXCAVATIONS UNTIL DIRECTED BY ENGINEER. REMOVE AND REPLACE SOILS DEEMED SUITABLE BY CLASSIFICATION AND WHICH ARE EXCESSIVELY MOIST DUE TO LACK OF DEWATERING OR SURFACE WATER CONTROL.
- I. REMOVE EXCAVATED MATERIAL THAT IS UNSUITABLE FOR RE-USE FROM SITE.
- J. STOCKPILE EXCAVATED MATERIAL TO BE RE-USED IN AREA DESIGNATED ON SITE IN ACCORDANCE WITH SECTION 31 2200.
- K. REMOVE EXCESS EXCAVATED MATERIAL FROM SITE.
- 3.05 FILLING AND BACKFILLING
- A. DO NOT FILL OR BACKFILL UNTIL ALL DEBRIS, WATER, UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS HAVE BEEN REMOVED FROM EXCAVATION.
- 3.06 FIELD QUALITY CONTROL
- A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS, FOR GENERAL REQUIREMENTS FOR FIELD INSPECTION AND TESTING.
- B. PROVIDE FOR VISUAL INSPECTION OF LOAD-BEARING EXCAVATED SURFACES BY ENGINEER BEFORE PLACEMENT OF FOUNDATIONS.
- 3.07 PROTECTION
- A. DIVERT SURFACE FLOW FROM RAINS OR WATER DISCHARGES FROM THE EXCAVATION.
- B. PREVENT DISPLACEMENT OF BANKS AND KEEP LOOSE SOIL FROM FALLING INTO EXCAVATION; MAINTAIN SOIL STABILITY.
- C. PROTECT OPEN EXCAVATIONS FROM RAINFALL, RUNOFF, FREEZING GROUNDWATER, OR EXCESSIVE DRYING SO AS TO MAINTAIN FOUNDATION SUBGRADE IN SATISFACTORY, UNDISTURBED CONDITION.
- D. PROTECT BOTTOM OF EXCAVATIONS AND SOIL ADJACENT TO AND BENEATH FOUNDATION FROM FREEZING.
- E. KEEP EXCAVATIONS FREE OF STANDING WATER AND COMPLETELY FREE OF WATER DURING CONCRETE PLACEMENT.
- END OF SECTION



CENTRAL CURRY SCHOOL DISTRICT

RILEY CREEK ELEMENTARY SCHOOL PARKING LOT IMPROVEMENTS



REVISION ID:	DATE:
PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

CIVIL SPECIFICATIONS

C0.10



SECTION 31 2323 - FILL

PART 1 GENERAL	
1.01 SECTION INCLUDES	
A. FILLING, BACKFILLING, AND COMPACTING FOR PAVING AND SITE STRUCTURES.	
B. FILLING HOLES, PITS, AND EXCAVATIONS GENERATED AS A RESULT OF REMOVAL (DEMOLITION) OPERATIONS.	
1.02 RELATED REQUIREMENTS	
A. SECTION 01 5713 - TEMPORARY EROSION AND SEDIMENT CONTROL - SLOPE PROTECTION AND EROSION CONTROL.	
B. SECTION 31 2200 - GRADINGS: SITE GRADING.	
C. SECTION 31 2316 - EXCAVATION: REMOVAL AND HANDLING OF SOIL TO BE RE-USED.	
1.03 REFERENCE STANDARDS	
A. AASHTO M 147 - STANDARD SPECIFICATION FOR MATERIALS FOR AGGREGATE AND SOIL-AGGREGATE SUBBASE, BASE, AND SURFACE COURSES; 2017 (REAPPROVED 2021).	
B. AASHTO T 180 - STANDARD METHOD OF TEST FOR MOISTURE-DENSITY RELATIONS OF SOILS USING A 4.54 KG (10-LB) RAMMER AND A 457 MM (18 IN.) DROP; 2025.	
C. ASTM C136/C136M - STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES; 2025.	
D. ASTM D698 - STANDARD TEST METHODS FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING STANDARD EFFORT (12,400 FT-LBF/FT3 (600 KN-M/M3)); 2012 (REAPPROVED 2021).	
E. ASTM D1557 - STANDARD TEST METHODS FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT (56,000 FT-LBF/FT3 (2,700 KN M/M3)); 2012 (REAPPROVED 2021).	
F. ASTM D 2922 - STANDARD TEST METHODS FOR DENSITY OF SOIL AND SOIL-AGGREGATE IN PLACE BY NUCLEAR METHODS (SHALLOW DEPTH); 2005.	
G. REFERENCE: PROJECT GEOTECHNICAL REPORT.	
1.04 DEFINITIONS	
A. FINISH GRADE ELEVATIONS: AS INDICATED ON DRAWINGS.	
1.05 SUBMITTALS	
A. SEE SECTION 01 3000 - ADMINISTRATIVE REQUIREMENTS, FOR SUBMITTAL PROCEDURES.	
B. SOIL SAMPLES: 10 POUNDS SAMPLE OF EACH TYPE OF FILL; SUBMIT IN AIR-TIGHT CONTAINERS TO TESTING LABORATORY.	
C. MATERIALS SOURCES: SUBMIT NAME OF IMPORTED MATERIALS SOURCE.	
D. FILL COMPOSITION TEST REPORTS: RESULTS OF LABORATORY TESTS ON PROPOSED AND ACTUAL MATERIALS USED, INCLUDING MANUFACTURED FILL.	
E. COMPACTION DENSITY TEST REPORTS.	
1.06 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 SHOWN ON PLAN.	
1. SEPARATE DIFFERING MATERIALS WITH DIVIDERS OR STOCKPILE SEPARATELY TO PREVENT INTERMIXING.	
2. PREVENT CONTAMINATION.	
3. PROTECT STOCKPILES FROM EROSION AND DETERIORATION OF MATERIALS.	
C. VERIFY THAT SURVEY BENCH MARKS AND INTENDED ELEVATIONS FOR THE WORK ARE AS INDICATED.	
PART 2 PRODUCTS	
2.01 FILL MATERIALS	
A. ALL MATERIALS SHALL BE IN ACCORDANCE WITH PROJECT GEOTECHNICAL REPORT.	
2.02 ACCESSORIES	
A. GEOTEXTILE FABRIC: NON-BIODEGRADABLE	
1. NON-WOVEN: MIRIFI 180N OR APPROVED EQUAL WITH LAPS PER MANUFACTURERS SPECIFICATION.	
2. WOVEN: ACF WSF200 OR APPROVED EQUAL WITH LAPS PER MANUFACTURERS SPECIFICATION.	
3. FILTER: MIRIFI 140N OR APPROVED EQUAL.	
2.03 SOURCE QUALITY CONTROL	
A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS, FOR GENERAL REQUIREMENTS FOR TESTING AND ANALYSIS OF SOIL MATERIAL.	
B. WHERE FILL MATERIALS ARE SPECIFIED BY REFERENCE TO A SPECIFIC STANDARD, TEST AND ANALYZE SAMPLES FOR COMPLIANCE BEFORE DELIVERY TO SITE.	
C. IF TESTS INDICATE MATERIALS DO NOT MEET SPECIFIED REQUIREMENTS, CHANGE MATERIAL AND RETEST.	
D. PROVIDE MATERIALS OF EACH TYPE FROM SAME SOURCE THROUGHOUT THE WORK.	
PART 3 EXECUTION	
3.01 EXAMINATION	
A. IDENTIFY REQUIRED LINES, LEVELS, CONTOURS, AND DATUM LOCATIONS.	
B. SEE SECTION 31 2200 FOR ADDITIONAL REQUIREMENTS.	
C. VERIFY SUBDRAINAGE, DAMPROOFING, OR WATERPROOFING INSTALLATION HAS BEEN INSPECTED.	
D. VERIFY STRUCTURAL ABILITY OF UNSUPPORTED WALLS TO SUPPORT IMPOSED LOADS BY THE FILL.	
E. 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 STRUCTURAL 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. FILL UP TO SUBGRADE ELEVATIONS UNLESS OTHERWISE INDICATED.	
C. EMPLOY A PLACEMENT METHOD THAT DOES NOT DISTURB OR DAMAGE OTHER WORK.	
D. SYSTEMATICALLY FILL TO ALLOW MAXIMUM TIME FOR NATURAL SETTLEMENT. DO NOT FILL OVER POROUS, WET, FROZEN OR SPONGY SUBGRADE SURFACES.	
E. MAINTAIN OPTIMUM MOISTURE CONTENT OF FILL MATERIALS TO ATTAIN REQUIRED COMPACTION DENSITY.	
F. GRANULAR FILL: PLACE AND COMPACT MATERIALS IN EQUAL CONTINUOUS LAYERS IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT.	
G. SLOPE GRADE AWAY FROM BUILDING MINIMUM 2 INCHES IN 10 FEET, UNLESS NOTED OTHERWISE. MAKE GRADUAL GRADE CHANGES. BLEND SLOPE INTO LEVEL AREAS.	
H. CORRECT AREAS THAT ARE OVER-EXCAVATED.	
1. LOAD-BEARING FOUNDATION SURFACES: USE STRUCTURAL	

FILL, FLUSH TO REQUIRED ELEVATION, COMPACTED TO 100 PERCENT OF MAXIMUM DRY DENSITY.	
2. OTHER AREAS: USE STRUCTURAL FILL, FLUSH TO REQUIRED ELEVATION, COMPACTED TO MINIMUM 95 PERCENT OF MAXIMUM DRY DENSITY.	
I. COMPACTION DENSITIES SHALL BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT.	
J. RESHAPE AND RE-COMPACT FILLS SUBJECTED TO VEHICULAR TRAFFIC.	
K. MAINTAIN TEMPORARY MEANS AND METHODS, AS REQUIRED, TO REMOVE ALL WATER WHILE FILL IS BEING PLACED AS REQUIRED, OR UNTIL DIRECTED BY THE ENGINEER. REMOVE AND REPLACE SOILS DEEMED UNSUITABLE BY CLASSIFICATION AND WHICH ARE EXCESSIVELY MOIST DUE TO LACK OF DEWATERING OR SURFACE WATER CONTROL.	
3.04 FIELD QUALITY CONTROL	
A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS, FOR GENERAL REQUIREMENTS FOR FIELD INSPECTION AND TESTING.	
B. PERFORM COMPACTION DENSITY TESTING ON COMPACTED FILL IN ACCORDANCE WITH ASTM D2922 OR ASTM D3017.	
C. EVALUATE RESULTS IN RELATION TO COMPACTION CURVE DETERMINED BY TESTING UNCOMPACTED MATERIAL IN ACCORDANCE WITH ASTM D698 ("STANDARD PROCTOR"), ASTM D1557 ("MODIFIED PROCTOR"), OR AASHTO T 180.	
D. IF TESTS INDICATE WORK DOES NOT MEET SPECIFIED REQUIREMENTS, REMOVE WORK, REPLACE AND RETEST.	
E. FREQUENCY OF TESTS: IN CONFORMANCE WITH CURRENT OREGON APWA/ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
F. PROOF ROLL COMPACTED FILL AT SURFACES THAT WILL BE UNDER SLABS-ON-GRADE AND PAVING.	
3.05 CLEANING	
A. SEE SECTION 01 7419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL, FOR ADDITIONAL REQUIREMENTS.	
B. LEAVE UNUSED MATERIALS IN A NEAT, COMPACT STOCKPILE.	
C. 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 1120 - AGGREGATE BASE COURSES

PART 1 GENERAL	
1.01 SECTION INCLUDES	
A. AGGREGATE BASE COURSE.	
B. PAVING AGGREGATES.	
1.02 RELATED REQUIREMENTS	
A. SECTION 31 2200 - GRADING: PREPARATION OF SITE FOR BASE COURSE.	
B. SECTION 31 2323 - FILL: COMPACTED FILL UNDER BASE COURSE.	
C. SECTION 32 1216 - ASPHALT PAVING: FINISH AND BINDER ASPHALT COURSES.	
D. SECTION 32 1313 - CONCRETE PAVING: FINISH CONCRETE SURFACE COURSE.	
1.03 REFERENCE STANDARDS	
A. AASHTO M 147 - STANDARD SPECIFICATION FOR MATERIALS FOR AGGREGATE AND SOIL-AGGREGATE SUBBASE, BASE, AND SURFACE COURSES; 2017 (REAPPROVED 2021).	
B. AASHTO T 180 - STANDARD METHOD OF TEST FOR MOISTURE-DENSITY RELATIONS OF SOILS USING A 4.54 KG (10-LB) RAMMER AND A 457 MM (18 IN.) DROP; 2025.	
C. ASTM C136/C136M - STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES; 2025.	
D. ASTM D698 - STANDARD TEST METHODS FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING STANDARD EFFORT (12,400 FT-LBF/FT3 (600 KN-M/M3)); 2012 (REAPPROVED 2021).	
E. ASTM D1557 - STANDARD TEST METHODS FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT (56,000 FT-LBF/FT3 (2,700 KN M/M3)); 2012 (REAPPROVED 2021).	
F. ASTM D2487 - STANDARD PRACTICE FOR CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES (UNIFIED SOIL CLASSIFICATION SYSTEM); 2017 (REAPPROVED 2025).	
G. ASTM D5985 - STANDARD PRACTICE FOR RANDOM SAMPLING OF CONSTRUCTION MATERIALS; 2024.	
H. ASTM D 2922 - STANDARD TEST METHODS FOR DENSITY OF SOIL AND SOIL-AGGREGATE IN PLACE BY NUCLEAR METHODS (SHALLOW DEPTH); 2005.	
I. ASTM D6938 - STANDARD TEST METHOD FOR IN-PLACE DENSITY AND WATER CONTENT OF SOIL AND SOIL-AGGREGATE BY NUCLEAR METHODS (SHALLOW DEPTH); 2023.	
J. REFERENCE: PROJECT GEOTECHNICAL REPORT.	
1.04 SUBMITTALS	
A. SEE SECTION 01 3000 - ADMINISTRATIVE REQUIREMENTS FOR SUBMITTAL PROCEDURES.	
B. SAMPLES: 10 LB SAMPLE OF EACH TYPE OF AGGREGATE; SUBMIT IN AIR-TIGHT CONTAINERS TO TESTING LABORATORY.	
C. MATERIALS SOURCES: SUBMIT NAME OF IMPORTED MATERIALS SOURCE.	
D. AGGREGATE COMPOSITION TEST REPORTS: RESULTS OF LABORATORY TESTS ON PROPOSED AND ACTUAL MATERIALS USED.	
E. COMPACTION DENSITY TEST REPORTS.	
1.05 DELIVERY, STORAGE, AND HANDLING	
A. WHEN NECESSARY, STORE MATERIALS ON SITE IN ADVANCE OF NEED.	
B. VERIFY THAT SURVEY BENCH MARKS AND INTENDED ELEVATIONS FOR THE WORK ARE AS INDICATED.	
PART 2 PRODUCTS	
2.01 MATERIALS	
A. MATERIALS IN ACCORDANCE WITH PROJECT GEOTECHNICAL REPORT AND 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
B. ASPHALT CEMENT: PG 64-24.	
B. GEOTEXTILE FABRIC AS SPECIFIED IN SECTION 31 2323 - FILL.	
2.02 SOURCE QUALITY CONTROL	
A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS FOR GENERAL REQUIREMENTS FOR TESTING AND ANALYSIS OF AGGREGATE MATERIALS.	
B. WHERE AGGREGATE MATERIALS ARE SPECIFIED USING ASTM D2487 CLASSIFICATION, TEST AND ANALYZE SAMPLES FOR COMPLIANCE BEFORE DELIVERY TO SITE.	
C. IF TESTS INDICATE MATERIALS DO NOT MEET SPECIFIED REQUIREMENTS, CHANGE MATERIAL AND RETEST.	
D. PROVIDE MATERIALS OF EACH TYPE FROM SAME SOURCE THROUGHOUT THE WORK.	
PART 3 EXECUTION	
3.01 EXAMINATION	
A. VERIFY SUBSTRATE HAS BEEN INSPECTED, GRADIENTS AND ELEVATIONS ARE CORRECT, AND IS DRY.	

3.02 PREPARATION	
A. CORRECT IRREGULARITIES IN SUBSTRATE GRADIENT AND ELEVATION BY SCARIFYING, RESHAPING, AND RE-COMPACTING.	
B. DO NOT PLACE AGGREGATE ON SOFT, MUDDY, OR FROZEN SURFACES.	
3.03 INSTALLATION	
A. PLACE AGGREGATE IN MAXIMUM 8" LAYERS AND ROLLER COMPACT TO SPECIFIED DENSITY.	
B. LEVEL AND CONTOUR SURFACES TO ELEVATIONS AND GRADIENTS INDICATED.	
C. ADD WATER TO ASSIST COMPACTION. IF EXCESS WATER IS APPARENT, REMOVE AGGREGATE AND AERATE TO REDUCE MOISTURE CONTENT.	
D. USE MECHANICAL TAMPING EQUIPMENT IN AREAS INACCESSIBLE TO COMPACTION EQUIPMENT.	
3.04 TOLERANCES	
A. FLATNESS: MAXIMUM VARIATION OF 1/4 INCH MEASURED WITH 10 FOOT STRAIGHT EDGE.	
3.05 FIELD QUALITY CONTROL	
A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS FOR GENERAL REQUIREMENTS FOR FIELD INSPECTION AND TESTING.	
B. COMPACTION DENSITY TESTING WILL BE PERFORMED ON COMPACTED AGGREGATE BASE COURSE IN ACCORDANCE WITH ASTM D1556, ASTM D2167, OR ASTM D6938.	
C. RESULTS WILL BE EVALUATED IN RELATION TO COMPACTION CURVE DETERMINED BY TESTING UNCOMPACTED MATERIAL IN ACCORDANCE WITH AASHTO T 180, ASTM D698 ("STANDARD PROCTOR"), OR ASTM D1557 ("MODIFIED PROCTOR").	
D. IF TESTS INDICATE WORK DOES NOT MEET SPECIFIED REQUIREMENTS, REMOVE WORK, REPLACE AND RETEST.	
E. FREQUENCY OF TESTS: IN CONFORMANCE WITH CURRENT OREGON APWA/ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
F. PROOF ROLL COMPACTED AGGREGATE AT SURFACES THAT WILL BE UNDER SLABS-ON-GRADE AND PAVING.	
3.06 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 1216 - ASPHALT PAVING

PART 1 GENERAL	
1.01 SECTION INCLUDES	
A. SINGLE COURSE BITUMINOUS CONCRETE PAVING.	
B. DOUBLE COURSE BITUMINOUS CONCRETE PAVING.	
C. SURFACE SEALER.	
1.02 RELATED REQUIREMENTS	
A. SECTION 31 2200 - GRADING: PREPARATION OF SITE FOR PAVING AND BASE.	
B. SECTION 31 2323 - FILL: COMPACTED SUBGRADE FOR PAVING.	
C. SECTION 32 1120 - AGGREGATE BASE COURSES: AGGREGATE BASE COURSE.	
D. SECTION 32 1313 - CONCRETE PAVING: CONCRETE CURBS.	
E. SECTION 32 1713 - PARKING BUMPERS: CONCRETE BUMPERS.	
F. SECTION 32 1723.13 - PAINTED PAVEMENT MARKINGS: PAVEMENT MARKINGS.	
1.03 REFERENCE STANDARDS	
A. REFERENCE: PROJECT GEOTECHNICAL REPORT.	
B. MOST CURRENT MANUAL OF THE ODOT/APWA OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
C. AASHTO M 147 - STANDARD SPECIFICATIONS FOR MATERIALS FOR AGGREGATE AND SOIL-AGGREGATE SUBBASE, BASE, AND SURFACE COURSES; 2017 (REAPPROVED 2021).	
D. AI MS-2 - ASPHALT MIX DESIGN METHODS; 2015.	
E. AI MS-19 - BASIC ASPHALT EMULSION MANUAL; 2008.	
F. ASTM C136/C136M - STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES; 2025.	
1.04 QUALITY ASSURANCE	
A. PERFORM WORK IN ACCORDANCE WITH STATE OF OREGON HIGHWAYS STANDARD.	
B. MIXING PLANT: COMPLYING WITH STATE OF OREGON HIGHWAYS STANDARD.	
C. OBTAIN MATERIALS FROM SAME SOURCE THROUGHOUT.	
1.05 REGULATORY REQUIREMENTS	
A. CONFORM TO APPLICABLE CODE FOR PAVING WORK ON PUBLIC PROPERTY. COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH CITY INSPECTOR.	
1.06 FIELD CONDITIONS	
A. DO NOT PLACE ASPHALT WHEN AMBIENT AIR OR BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET OR FROZEN.	
PART 2 PRODUCTS	
2.01 MATERIALS	
A. ASPHALT CEMENT SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.11.	
B. AGGREGATE MATERIALS SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.10.	
C. MIX TYPE AND BROADBAND LIMITS SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.12.	
D. JOB MIX FORMULA (JMF) REQUIREMENTS: JOB MIX FORMULA REQUIREMENTS SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.13.	
E. TOLERANCES AND LIMITS: TOLERANCE AND LIMITS SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.14.	
F. HMAC ACCEPTANCE: HMAC ACCEPTANCE SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.16.	
G. ASPHALT CEMENT: PG 64-24.	
H. AGGREGATE FOR BASE COURSE: IN ACCORDANCE WITH STATE OF OREGON HIGHWAYS STANDARDS.	
2.02 EQUIPMENT	
A. COMPACTORS: COMPACTORS SHALL CONFORM WITH OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION - SECTION 00744.24.	
B. WHERE AGGREGATE MATERIALS ARE SPECIFIED USING ASTM D2487 CLASSIFICATION, TEST AND ANALYZE SAMPLES FOR COMPLIANCE BEFORE DELIVERY TO SITE.	
C. IF TESTS INDICATE MATERIALS DO NOT MEET SPECIFIED REQUIREMENTS, CHANGE MATERIAL AND RETEST.	
D. PROVIDE MATERIALS OF EACH TYPE FROM SAME SOURCE THROUGHOUT THE WORK.	
PART 3 EXECUTION	
3.01 EXAMINATION	
A. VERIFY SUBSTRATE HAS BEEN INSPECTED, GRADIENTS AND ELEVATIONS ARE CORRECT, AND IS DRY.	

C. SUBMIT PROPOSED MIX DESIGN FOR REVIEW PRIOR TO BEGINNING OF WORK.	
2.05 SOURCE QUALITY CONTROL	
A. TEST MIX DESIGN AND SAMPLES IN ACCORDANCE WITH ODOT/APWA OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
PART 3 EXECUTION	
3.01 EXAMINATION	
A. VERIFY THAT COMPACTED SUBGRADE IS DRY AND READY TO SUPPORT PAVING AND IMPOSED LOADS.	
B. VERIFY GRADIENTS AND ELEVATIONS OF BASE ARE CORRECT.	
3.02 AGGREGATE BASE COURSE	
A. PLACE AND COMPACT AGGREGATE BASE COURSE.	
3.03 PREPARATION - TACK COAT	
A. APPLY TACK COAT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	
B. APPLY TACK COAT ON ASPHALT OR CONCRETE SURFACES OVER SUBGRADE SURFACE AT UNIFORM RATE OF 1/3 GAL/SQ YD.	
C. APPLY TACK COAT TO CONTACT SURFACES OF CURBS, GUTTERS AND OTHER VERTICAL EDGES.	
D. COAT SURFACES OF MANHOLE FRAMES WITH OIL TO PREVENT BOND WITH ASPHALT PAVEMENT. DO NOT TACK COAT THESE SURFACES.	
3.04 PLACING ASPHALT PAVEMENT - SINGLE COURSE	
A. INSTALL WORK IN ACCORDANCE WITH STATE OF OREGON HIGHWAYS STANDARDS.	
B. PLACE TO 3 INCH COMPACTED THICKNESS.	
C. INSTALL GUTTER DRAINAGE GRILLES AND FRAMES IN CORRECT POSITION AND ELEVATION.	
D. COMPACT PAVEMENT BY ROLLING TO SPECIFIED DENSITY. DO NOT DISPLACE OR EXTRUDE PAVEMENT FROM POSITION. HAND COMPACT IN AREAS INACCESSIBLE TO ROLLING EQUIPMENT.	
E. PERFORM ROLLING WITH CONSECUTIVE PASSES TO ACHIEVE EVEN AND SMOOTH FINISH WITHOUT ROLLER MARKS.	
3.05 TOLERANCES	
A. FLATNESS: MAXIMUM VARIATION OF 1/4 INCH MEASURED WITH 10 FOOT STRAIGHT EDGE.	
B. COMPACTED THICKNESS: WITHIN 1/4 INCH OF SPECIFIED OR INDICATED THICKNESS.	
C. VARIATION FROM TRUE ELEVATION: WITHIN 1/4 INCH.	
3.06 FIELD QUALITY CONTROL	
A. SEE SECTION 01 4000 - QUALITY REQUIREMENTS, FOR GENERAL REQUIREMENTS FOR QUALITY CONTROL.	
B. PROVIDE FIELD INSPECTION AND TESTING. TAKE SAMPLES AND PERFORM TESTS IN ACCORDANCE WITH ODOT/APWA OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
3.07 PROTECTION	
A. IMMEDIATELY AFTER PLACEMENT, PROTECT PAVEMENT FROM MECHANICAL INJURY FOR 5 DAYS OR UNTIL SURFACE TEMPERATURE IS LESS THAN 140 DEGREES F.	
END OF SECTION	

SECTION 32 1313 - CONCRETE PAVING

PART 1 GENERAL	
1.01 SECTION INCLUDES	
A. CONCRETE SIDEWALKS, SITE RETAINING WALLS, INTEGRAL CURBS, AND GUTTERS.	
1.02 RELATED REQUIREMENTS	
A. SECTION 31 2200 - GRADING: PREPARATION OF SITE FOR PAVING AND BASE AND PREPARATION OF SUBSOIL AT PAVEMENT PERIMETER FOR PLANTING.	
B. SECTION 31 2323 - FILL: COMPACTED SUBBASE FOR PAVING.	
C. SECTION 32 1120 - AGGREGATE BASE COURSES: BASE COURSE.	
D. SECTION 32 1216 - ASPHALT PAVING: ASPHALT WEARING COURSE.	
E. SECTION 32 1713 - PARKING BUMPERS: PRECAST CONCRETE PARKING BUMPERS.	
1.03 REFERENCE STANDARDS	
A. ACI PRC-211.1 - SELECTING PROPORTIONS FOR NORMAL-DENSITY AND HIGH-DENSITY CONCRETE - GUIDE; 2022.	
B. ACI PRC-304 - GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE; 2000 (REAPPROVED 2009).	
C. ACI PRC-305 - GUIDE TO HOT WEATHER CONCRETING; 2020.	
D. ACI PRC-306 - GUIDE TO COLD WEATHER CONCRETING; 2016.	
E. ASTM A615/A615M - STANDARD SPECIFICATION FOR DEFORMED AND PLAIN CARBON STEEL BARS FOR CONCRETE REINFORCEMENT; 2025.	
F. ASTM A1064/A1064M - STANDARD SPECIFICATION FOR CARBON-STEEL WIRE AND WELDED WIRE REINFORCEMENT, PLAIN AND DEFORMED, FOR CONCRETE; 2024.	
G. ASTM C33/C33M - STANDARD SPECIFICATION FOR CONCRETE AGGREGATES; 2024A.	
H. ASTM C39/C39M - STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS; 2024A.	
I. ASTM C94/C94M - STANDARD SPECIFICATION FOR READY-MIXED CONCRETE; 2025A.	
J. ASTM C150/C150M - STANDARD SPECIFICATION FOR PORTLAND CEMENT; 2024.	
K. ASTM C173/C173M - STANDARD TEST METHOD FOR AIR CONTENT OF FRESHLY MIXED CONCRETE BY THE VOLUMETRIC METHOD; 2024A.	
L. ASTM C260/C260M - STANDARD SPECIFICATION FOR AIR-ENTRAINING ADMIXTURES FOR CONCRETE; 2024.	
M. ASTM C309 - STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE; 2025.	
N. ASTM C494/C494M - STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR CONCRETE; 2024.	
O. ASTM C618 - STANDARD SPECIFICATION FOR COAL FLY ASH AND RAY OR CALICINED NATURAL POZZOLAN FOR USE IN CONCRETE; 2025A.	
P. ASTM C685/C685M - STANDARD SPECIFICATION FOR CONCRETE MADE BY VOLUMETRIC BATCHING AND CONTINUOUS MIXING; 2025A.	
Q. ASTM D1751 - STANDARD SPECIFICATION FOR PREFORMED EXPANSION JOINT FILLER FOR CONCRETE PAVING AND STRUCTURAL CONSTRUCTION (NONEXTRUDING AND RESILIENT BITUMINOUS TYPES); 2023.	
R. ASTM D1752 - STANDARD SPECIFICATION FOR PREFORMED SPONGE RUBBER CORK AND RECYCLED PVC EXPANSION JOINT FILLERS FOR CONCRETE PAVING AND STRUCTURAL CONSTRUCTION; 2018 (REAPPROVED 2023).	
S. REFERENCE: PROJECT GEOTECHNICAL REPORT.	
1.04 SUBMITTALS	
A. SEE SECTION 01 3000 - ADMINISTRATIVE REQUIREMENTS, FOR SUBMITTAL PROCEDURES.	
B. MIX DESIGN: SUBMIT PROPOSED CONCRETE MIX DESIGN(S).	
C. PRODUCT DATA: PROVIDE DATA ON JOINT FILLER, ADMIXTURES, AND CURING COMPOUND.	

1.05 QUALITY ASSURANCE	
A. PERFORM WORK IN ACCORDANCE WITH ACI 301.	
B. FOLLOW RECOMMENDATIONS OF ACI 305R WHEN CONCRETING DURING HOT WEATHER.	
C. FOLLOW RECOMMENDATIONS OF ACI 306R WHEN CONCRETING DURING COLD WEATHER.	
1.06 ENVIRONMENTAL REQUIREMENTS	
A. DO NOT PLACE CONCRETE WHEN BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET OR FROZEN.	
PART 2 PRODUCTS	
2.01 PAVING ASSEMBLIES	
A. COMPLY WITH APPLICABLE REQUIREMENTS OF ACI 301.	
B. CONCRETE SIDEWALKS AND CURBS: 3,500 PSI 28 DAY CONCRETE, 4 INCHES THICK, BUFF COLOR PORTLAND CEMENT, WOOD FLOAT BROOM FINISH.	
C. CONCRETE DRIVEWAY: 4,000 PSI 28 DAY CONCRETE, 6 INCHES THICK, # 4 CONTINUOUS REBAR AT 16" ON CENTER EACH WAY, BUFF COLOR PORTLAND CEMENT, WOOD FLOAT BROOM FINISH.	
D. MISCELLANEOUS ITEMS (SIGN POST FOUNDATIONS, FLAG POLES, ETC.): 3,500 PSI 28 DAY CONCRETE AND AS SPECIFIED ON THE PLAN SET.	
2.02 FORM MATERIALS	
A. FORM MATERIALS PER ACI 301.	
B. JOINT FILLER: PREFORMED, NON-EXTRUDING BITUMINOUS TYPE (ASTM D1751) OR SPONGE RUBBER OR CORK (ASTM D1752).	
1. THICKNESS: 1/2 INCH.	
2.03 REINFORCEMENT	
A. REINFORCING STEEL: ASTM A615/A615M, GRADE 60 (60,000 PSI) YIELD STRENGTH; DEFORMED BILLET STEEL BARS; UNFINISHED.	
B. STEEL WELDED WIRE REINFORCEMENT: PLAIN TYPE, ASTM A1064/A1064M IN FLAT SHEETS; UNFINISHED.	
C. DOWELS: ASTM A615/A615M, GRADE 40 - 40,000 PSI YIELD STRENGTH; DEFORMED BILLET STEEL BARS; UNFINISHED FINISH.	
2.04 CONCRETE MATERIALS	
A. OBTAIN CEMENTITIOUS MATERIALS FROM SAME SOURCE THROUGHOUT.	
B. CONCRETE MATERIALS: AS SPECIFIED IN SECTION 03 3000.	
2.05 ACCESSORIES	
A. CURING COMPOUND: ASTM C309, TYPE 1, CLASS A.	
2.06 CONCRETE MIX DESIGN	
A. CONCRETE STRENGTH: ESTABLISH REQUIRED AVERAGE STRENGTH FOR EACH TYPE OF CONCRETE ON THE BASIS OF FIELD EXPERIENCE OR TRIAL MIXTURES, AS SPECIFIED IN ACI 301.	
1. FOR TRIAL MIXTURES METHOD, EMPLOY INDEPENDENT TESTING AGENCY ACCEPTABLE TO ENGINEER FOR PREPARING AND REPORTING PROPOSED MIX DESIGNS.	
B. ADMIXTURES: ADD ACCEPTABLE ADMIXTURES AS RECOMMENDED IN ACI 211.1 AND AT RATES RECOMMENDED BY MANUFACTURER.	
C. CONCRETE PROPERTIES:	
1. COMPRESSIVE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM C39/C39M AT 28 DAYS; AS INDICATED ON DRAWINGS.	
2. FOR CONCRETE SURFACES IN AREAS SUPPORTING VEHICULAR TRAFFIC, SUCH AS ROADWAY APRONS AND LOADING ZONES, THE CONCRETE SHALL HAVE A LOW TO MODERATE FLEXURAL STRENGTH (MODULUS OF RUPTURE: 550 PSI). THIS PROPERTY SHALL BE IDENTIFIED IN THE MIX DESIGN.	
3. TOTAL AIR CONTENT: 6 PERCENT, DETERMINED IN ACCORDANCE WITH ASTM C173/C173M.	
4. MAXIMUM SLUMP: 4 INCHES.	
5. MAXIMUM AGGREGATE SIZE: 3/4 INCH.	
2.07 MIXING	
A. TRANSIT MIXERS: COMPLY WITH ASTM C94/C94M.	
PART 3 EXECUTION	
3.01 EXAMINATION	
A. VERIFY COMPACTED GRANULAR BASE IS ACCEPTABLE AND READY TO SUPPORT PAVING AND IMPOSED LOADS.	
B. VERIFY GRADIENTS AND ELEVATIONS OF BASE ARE CORRECT.	
3.02 SUBBASE	
A. SEE SECTION 32 1123 FOR CONSTRUCTION OF BASE COURSE FOR WORK OF THIS SECTION.	
3.03 PREPARATION	
A. MOISTEN BASE TO MINIMIZE ABSORPTION OF WATER FROM FRESH CONCRETE.	
B. COAT SURFACES OF MANHOLE FRAMES WITH OIL TO PREVENT BOND WITH CONCRETE PAVEMENT.	
C. NOTIFY ENGINEER MINIMUM 24 HOURS PRIOR TO COMMENCEMENT OF CONCRETING OPERATIONS.	
3.04 FORMING	
A. PLACE AND SECURE FORMS TO CORRECT LOCATION, DIMENSION, PROFILE, AND GRADIENT.	
B. ASSEMBLE FORMWORK TO PERMIT EASY STRIPPING AND DISMANTLING WITHOUT DAMAGING CONCRETE.	
C. PLACE JOINT FILLER VERTICAL IN POSITION, IN STRAIGHT LINES. SECURE TO FORMWORK DURING CONCRETE PLACEMENT. HOLD TOP OF PRE-MOLDED JOINT FILLER DOWN 1/2" AND SEAL UPPER 3/8" WITH APPROVED JOINT SEAL MATERIAL.	
3.05 REINFORCEMENT	
A. PLACE REINFORCEMENT AS INDICATED.	
B. INTERRUPT REINFORCEMENT AT CONTRACTION JOINTS.	
C. PLACE DOWELS TO ACHIEVE PAVEMENT AND CURB ALIGNMENT AS DETAILED.	
3.06 PLACING CONCRETE	
A. PLACE CONCRETE IN ACCORDANCE WITH ACI 304R.	
B. ENSURE REINFORCEMENT, INSERTS, EMBEDDED PARTS, FORMED JOINTS ARE NOT DISTURBED DURING CONCRETE PLACEMENT.	
C. PLACE CONCRETE CONTINUOUSLY OVER THE FULL WIDTH OF THE PANEL AND BETWEEN PREDETERMINED CONSTRUCTION JOINTS.	
D. PLACE CONCRETE TO SPECIFIED PATTERN.	
E. RETAINING WALLS SHALL BE AT A MINIMUM 80% DESIGN STRENGTH AND 7 DAYS CURE PRIOR TO ANY BACKFILL PLACEMENT.	
3.07 JOINTS	
A. ALIGN CURB, GUTTER, AND SIDEWALK JOINTS.	
B. PLACE 3/8 INCH WIDE EXPANSION JOINTS AT 9 TIMES TYPICAL SCORED PANEL SIZE MAXIMUM (EXAMPLE: 5 FOOT PANELS REQUIRE AN EXPANSION JOINT EVERY 45 FEET) AND TO SEPARATE PAVING FROM VERTICAL SURFACES, OTHER COMPONENTS (DRIVEWAYS, POLES, BOXES, FIXTURES, ETC.), AND IN PATTERN INDICATED.	
1. FORM JOINTS WITH JOINT FILLER EXTENDING FROM BOTTOM OF PAVEMENT TO WITHIN 1/2 INCH OF FINISHED SURFACE.	
2. SECURE TO RESIST MOVEMENT BY WET CONCRETE.	
END OF SECTION	



ONE INCH EQUALS FULL SCALE

SECTION 32 1723.13 - PAINTED PAVEMENT MARKINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. PARKING LOT MARKINGS, INCLUDING PARKING BAYS, CROSSWALKS, ARROWS, HANDICAPPED SYMBOLS, CURB MARKINGS, AND LETTERING.
- B. PEDESTRIAN TRAVEL AREA PAVEMENT COATING.

1.02 RELATED REQUIREMENTS

- A. SECTION 32 1216 - ASPHALT PAVING.
- B. SECTION 32 1313 - CONCRETE PAVING.

1.03 REFERENCE STANDARDS

- A. FS TT-P-1952 - PAINT, TRAFFIC BLACK, AND AIRFIELD MARKING, WATERBORNE; REV. E, 2007.
- B. MPI (APL) - MASTER PAINTERS INSTITUTE APPROVED PRODUCTS LIST; MASTER PAINTERS AND DECORATORS ASSOCIATION; CURRENT EDITION, WWW.PAINTINFO.COM.
- C. FHWA MUTCD - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; U.S. DEPARTMENT OF TRANSPORTATION; FEDERAL HIGHWAY ADMINISTRATION; CURRENT EDITION.
- D. ASHTO M 237 - STANDARD SPECIFICATION FOR EPOXY RESIN ADHESIVES FOR BONDING TRAFFIC MARKERS TO HARDENED PORTLAND CEMENT AND ASPHALT CONCRETE; 2024.
- E. ASHTO MP 24 - STANDARD SPECIFICATION FOR WATERBORNE WHITE AND YELLOW TRAFFIC PAINTS; 2015 (REAPPROVED 2020).
- F. ASTM E303-93 - STANDARD TEST METHOD FOR MEASURING SURFACE FRICTIONAL PROPERTIES USING THE BRITISH PENDULUM TESTER; 2022.

1.04 SUBMITTALS

- A. SEE SECTION 01 3000 - ADMINISTRATIVE REQUIREMENTS, FOR SUBMITTAL PROCEDURES.
- B. PRODUCT DATA: MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED, INCLUDING:
  - 1. PREPARATION INSTRUCTIONS AND RECOMMENDATIONS.
  - 2. STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS.
  - 3. INSTALLATION METHODS.
- C. CERTIFICATES: SUBMIT FOR EACH BATCH OF PAINT AND GLASS BEADS STATING COMPLIANCE WITH SPECIFIED REQUIREMENTS.
- D. INSTALLER CERTIFICATION: APPLICATOR WITH VALID CERTIFICATION ISSUED BY THE MANUFACTURER OF THE APPROVED PRODUCT TO BE USED.
- E. MAINTENANCE MATERIALS: FURNISH THE FOLLOWING FOR CENTRAL CURRY SCHOOL DISTRICT'S USE IN MAINTENANCE OF PROJECT.
  - 1. SEE SECTION 01 6000 - PRODUCT REQUIREMENTS, FOR ADDITIONAL PROVISIONS.
  - 2. EXTRA PAINT: 2 CONTAINERS, 1 GALLON SIZE, OF EACH TYPE AND COLOR.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. DELIVER PAINT IN CONTAINERS OF AT LEAST 5 GALLONS ACCOMPANIED BY BATCH CERTIFICATE.
- B. STORE PRODUCTS IN MANUFACTURER'S UNOPENED PACKAGING UNTIL READY FOR INSTALLATION.
- C. STORE AND DISPOSE OF SOLVENT-BASED MATERIALS, AND MATERIALS USED WITH SOLVENT-BASED MATERIALS, IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES HAVING JURISDICTION.

1.06 FIELD CONDITIONS

- A. DO NOT INSTALL PRODUCTS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.

1.07 EXTRA MATERIALS

- A. SEE SECTION 01 6000 - PRODUCT REQUIREMENTS, FOR ADDITIONAL PROVISIONS.
- B. SUPPLY 2 CONTAINERS OF EACH COLOR FOR CENTRAL CURRY SCHOOL DISTRICT'S USE.

PART 2 PRODUCTS

2.01 MATERIALS

- A. PAINTED PAVEMENT MARKINGS: CONFORMING TO MPI (APL) NO. 97 'TRAFFIC MARKING PAINT, LATEX': COLOR AS INDICATED:
  - 1. PARKING LOT STRIPING: WHITE.
  - 2. SYMBOLS AND TEXT: WHITE.
  - 3. ACCESSIBLE PARKING 'WHEELCHAIR' SYMBOLS: BLUE AND WHITE.
  - 4. NO PARKING AND HAZARD ZONES: YELLOW.
- B. PEDESTRIAN TRAVEL AREAS: TWO-COMPONENT ADVANCED WATERBORNE EPOXY-MODIFIED ACRYLIC COATING DESIGNED FOR APPLICATION ON TEXTURED (STAMPED) OR NON-TEXTURED (FLAT) ASPHALT AND CONCRETE PAVEMENTS.
  - 1. SLIP RESISTANCE: MEETS OR EXCEEDS ASTM E303-93 (2013) REQUIREMENTS.
  - 2. BASIS OF DESIGN: STREETBOND SB 150 BY GAF, OR APPROVED EQUAL.
  - 3. COLOR: AS INDICATED IN PROJECT SPECIFICATIONS.
  - 4. PATTERN: AS INDICATED IN PROJECT SPECIFICATIONS.
- C. PAINT FOR OBLITERATING EXISTING MARKINGS: CONFORMING TO FS TT-P-1952. COLOR: BLACK FOR BITUMINOUS PAVEMENTS, GRAY FOR PORTLAND CEMENT PAVEMENTS.
- D. TEMPORARY MARKING TAPE: PREFORMED, REFLECTIVE, PRESSURE SENSITIVE ADHESIVE TAPE IN COLOR(S) REQUIRED; CONTRACTOR IS RESPONSIBLE FOR SELECTION OF MATERIAL OF SUFFICIENT DURABILITY AS TO PERFORM SATISFACTORILY DURING PERIOD FOR WHICH ITS USE IS REQUIRED.

PART 3 EXECUTION

3.01 EXAMINATION

- A. DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY PREPARED.
- B. IF SUBSTRATE PREPARATION IS THE RESPONSIBILITY OF ANOTHER INSTALLER, NOTIFY ENGINEER OF UNSATISFACTORY PREPARATION BEFORE PROCEEDING.

3.02 PREPARATION

- A. ALLOW NEW PAVEMENT SURFACES TO CURE FOR A PERIOD OF NOT LESS THAN 14 DAYS BEFORE APPLICATION OF MARKING MATERIALS.
- B. PREPARE SURFACES USING THE METHODS RECOMMENDED BY THE MANUFACTURER FOR ACHIEVING THE BEST RESULT FOR THE SUBSTRATE UNDER THE PROJECT CONDITIONS.
- C. OBLITERATION OF EXISTING MARKINGS USING PAINT IS ACCEPTABLE IN LIEU OF REMOVAL ON THE PRIVATE SITE ONLY (NOT WITHIN THE PUBLIC RIGHT-OF-WAY); APPLY THE BLACK PAINT IN AS MANY COATS AS NECESSARY TO COMPLETELY OBLITERATE THE EXISTING MARKINGS.
- D. CLEAN SURFACES THOROUGHLY PRIOR TO INSTALLATION.
  - 1. REMOVE DUST, DIRT, AND OTHER GRANULAR SURFACE DEPOSITS BY SWEEPING, BLOWING WITH COMPRESSED AIR, RINSING WITH WATER, OR A COMBINATION OF THESE METHODS.
  - 2. COMPLETELY REMOVE RUBBER DEPOSITS, EXISTING PAINT MARKINGS, AND OTHER COATINGS ADHERING TO THE PAVEMENT, BY SCRAPING, WIRE BRUSHING, SANDBLASTING, MECHANICAL ABRASION, OR APPROVED CHEMICALS.
- E. WHERE OIL OR GREASE ARE PRESENT, SCRUB AFFECTED AREAS

WITH SEVERAL APPLICATIONS OF TRISODIUM PHOSPHATE SOLUTION OR OTHER APPROVED DETERGENT OR DEGREASER, AND RINSE THOROUGHLY AFTER EACH APPLICATION; AFTER CLEANING, SEAL OIL-SOAKED AREAS WITH CUT SHELLAC TO PREVENT BLEEDING THROUGH THE NEW PAINT.

- F. ESTABLISH SURVEY CONTROL POINTS TO DETERMINE LOCATIONS AND DIMENSIONS OF MARKINGS; PROVIDE TEMPLATES TO CONTROL PAINT APPLICATION BY TYPE AND COLOR AT NECESSARY INTERVALS.

G. TEMPORARY PAVEMENT MARKINGS: WHEN REQUIRED OR DIRECTED BY ENGINEER, APPLY TEMPORARY MARKINGS OF THE COLOR(S), WIDTH(S) AND LENGTH(S) AS INDICATED OR DIRECTED.

- 1. AFTER TEMPORARY MARKING HAS SERVED ITS PURPOSE, REMOVE TEMPORARY MARKING BY CAREFULLY CONTROLLED SANDBLASTING, APPROVED GRINDING EQUIPMENT, OR OTHER APPROVED METHOD SO THAT SURFACE TO WHICH THE MARKING WAS APPLIED WILL NOT BE DAMAGED.

- H. PEDESTRIAN TRAVEL AREAS: PREPARE NEW OR EXISTING ASPHALT OR EXISTING CONCRETE AS INDICATED BY MANUFACTURER'S GUIDE FOR PREPARING THE SUBSTRATE PRIOR TO APPLICATION OF COATING.

3.03 INSTALLATION

- A. BEGIN PAVEMENT MARKING AS SOON AS PRACTICABLE AFTER SURFACE HAS BEEN CLEANED AND DRIED.
- B. APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS USING AN EXPERIENCED TECHNICIAN THAT IS THOROUGHLY FAMILIAR WITH EQUIPMENT, MATERIALS, AND MARKING LAYOUTS.
- C. COMPLY WITH FHWA MUTCD MANUAL (HTTP://MUTCD.FHWA.DOT.GOV) FOR DETAILS NOT SHOWN.
- D. APPLY MARKINGS IN LOCATIONS DETERMINED BY MEASUREMENT FROM SURVEY CONTROL POINTS; PRESERVE CONTROL POINTS UNTIL AFTER MARKINGS HAVE BEEN ACCEPTED.
- E. APPLY UNIFORMLY PAINTED MARKINGS OF COLOR(S), LENGTHS, AND WIDTHS AS INDICATED ON DRAWINGS TRUE, SHARP EDGES AND ENDS.

- 1. APPLY PAINT IN TWO COATS. APPLY IN OPPOSING DIRECTIONS OF TRAVEL FOR LANE AND PARKING STALL STRIPING.
- 2. WET FILM THICKNESS: 0.015 INCH, MINIMUM.
- 3. WIDTH TOLERANCE: PLUS OR MINUS 1/8 INCH.

- F. PARKING LOTS: APPLY PARKING SPACE LINES, ENTRANCE AND EXIT ARROWS, PAINTED CURBS, AND OTHER MARKINGS INDICATED ON DRAWINGS.

- 1. MARK THE INTERNATIONAL HANDICAPPED SYMBOL AT INDICATED PARKING SPACES.
- 2. HAND APPLICATION BY PNEUMATIC SPRAY IS ACCEPTABLE.

- G. SYMBOLS: USE A SUITABLE TEMPLATE THAT WILL PROVIDE A PAVEMENT MARKING WITH TRUE, SHARP EDGES AND ENDS, OF THE DESIGN AND SIZE INDICATED.

- H. PEDESTRIAN TRAVEL AREAS: APPLY ACRYLIC PAVEMENT COATING ACCORDING TO ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS IN PATTERNS AND COLORS AS INDICATED ON DRAWINGS.

- 1. INSTALLER: APPLICATOR WITH VALID CERTIFICATION ISSUED BY THE MANUFACTURER OF THE APPROVED PRODUCT TO BE USED.

3.04 DRYING, PROTECTION, AND REPLACEMENT

- A. PROTECT NEWLY PAINTED MARKINGS SO THAT PAINT IS NOT PICKED UP BY TIRES, SMEARED, OR TRACKED.

- B. PROVIDE BARRICADES, WARNING SIGNS, AND FLAGS AS NECESSARY TO PREVENT TRAFFIC CROSSING NEWLY PAINTED MARKINGS.

- C. ALLOW PAINT TO DRY AT LEAST THE MINIMUM TIME SPECIFIED BY THE APPLICABLE PAINT STANDARD AND NOT LESS THAN THAT RECOMMENDED BY THE MANUFACTURER.

- D. REMOVE AND REPLACE MARKINGS THAT ARE APPLIED AT LESS THAN MINIMUM MATERIAL RATES; DEVIATE FROM TRUE ALIGNMENT; EXCEED LENGTH AND WIDTH TOLERANCES; OR SHOW LIGHT SPOTS, SMEARS, OR OTHER DEFICIENCIES OR IRREGULARITIES.

- E. REMOVE MARKINGS IN MANNER TO AVOID DAMAGE TO THE SURFACE TO WHICH THE MARKING WAS APPLIED, USING CAREFULLY CONTROLLED SAND BLASTING, APPROVED GRINDING EQUIPMENT, OR OTHER APPROVED METHOD.

- F. REPLACE REMOVED MARKINGS AT NO ADDITIONAL COST TO CENTRAL CURRY SCHOOL DISTRICT.

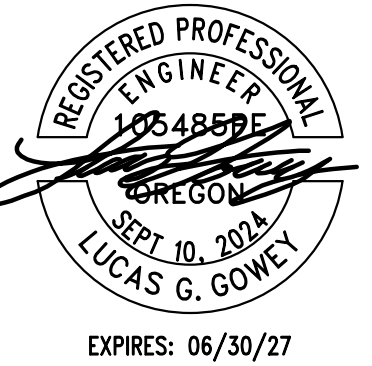
END OF SECTION



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CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



EXPIRES: 06/30/27

△	REVISION ID:	DATE:
PROJECT NO:	G-1710-26	
DRAWN:	LRS	
CHECKED:	MKW	
DATE:	02/20/2026	

CIVIL  
SPECIFICATIONS

C0.30

BID & PERMIT SET | NOT FOR CONSTRUCTION





## LEGEND

### EXISTING

#### LINE TYPES:

- PROPERTY LINE
- EASEMENT
- SURFACE CONTOUR - MAJOR
- SURFACE CONTOUR - MINOR
- CURB
- CURB & GUTTER
- BUILDING OVERHANG
- FENCING
- POWER - BURIED
- POWER - OVERHEAD
- PROPANE GAS
- SANITARY SEWER - GRAVITY
- STORM SEWER
- TELEPHONE - BURIED
- WATER

#### SYMBOLS:

- POWER/UTILITY POLE
- SITE LIGHT
- PROPANE TANK
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- STORM DRAIN MANHOLE
- CATCH BASIN
- CURB INLET
- ROOF DOWNSPOUT
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- HEAT PUMP
- BOLLARD
- FLAG POLE
- SIGN
- TREE
- BUILDING CANOPY COLUMN

### DEMOLITION

#### HATCHES & LINE TYPES:

- ASPHALT PAVING TO BE REMOVED
- CONCRETE TO BE REMOVED
- GRAVEL TO BE REMOVED
- ASPHALT SPEED BUMPS TO BE REMOVED
- SAWCUT LINE
- CURB TO BE REMOVED
- CURB & GUTTER TO BE REMOVED
- SWING GATE TO BE REMOVED

#### SYMBOLS:

- PARKING BUMPER TO BE REMOVED
- SIGN TO BE REMOVED

## DEMOLITION & PROTECTION NOTES:

**GENERAL DEMOLITION & PROTECTION NOTES:**  
CONTRACTOR SHALL REPORT TO ENGINEER FOR DIRECTION IN EVENT OF DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.

EXISTING STRUCTURES, HARDSCAPE, AND UTILITIES/APPURTENANCES SHALL BE PROTECTED THROUGHOUT ALL PHASES OF CONSTRUCTION, UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL COORDINATE VEHICULAR AND PEDESTRIAN ACCESS REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.

#### NOTES:

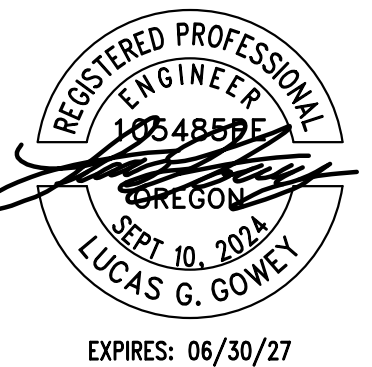
- PUBLIC SIDEWALK, CURB & GUTTER, AND ASHALT PAVEMENT TO BE REMOVED AS REQUIRED TO FACILITATE DRIVEWAY APPROACH CONSTRUCTION.
- ASPHALT PAVING TO BE REMOVED. SAWCUT AT APPROXIMATE ALIGNMENT SHOWN.
- CONCRETE CURB TO BE REMOVED.
- GRAVEL PAVING TO BE REMOVED.
- ASPHALT SPEED BUMP TO BE REMOVED.
- PARKING BUMPER TO BE REMOVED, TYPICAL.
- PARKING SIGNAGE TO BE REMOVED.
- SWING GATE TO BE REMOVED.
- SITE LIGHT AND BURIED POWER CONDUIT TO BE PROTECTED IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION.
- FLAGPOLE AND BURIED POWER SERVICE TO BE PROTECTED IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION.
- SURFACE MOUNTED BUILDING CANOPY TO BE PROTECTED IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION.
- WOODEN MONUMENT SIGN TO REMOVED AND STORED FOR REINSTALLATION. COORDINATE STORAGE LOCATION WITH OWNER.
- CONCRETE PAD TO BE REMOVED. PROTECT SANITARY SEWER CLEANOUT IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION AND ADJUST RIM TO FINISH GRADE.



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EXISTING  
CONDITIONS &  
DEMOLITION PLAN

C1.00

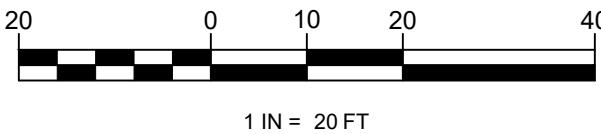
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ONE INCH EQUALS FULL SCALE

1 EXISTING CONDITIONS & DEMOLITION PLAN

C1.00

1"=20'







LEGEND

HATCHES & LINE TYPES:

ASPHALT PAVING - LIGHT DUTY

ASPHALT PAVING - HEAVY DUTY

ASPHALT PAVING - PEDESTRIAN

CONCRETE PAVING - REINFORCED

CONCRETE PAVING - UN-REINFORCED

(E) CONCRETE TO BE CLEANED

DRIVEWAY APPROACH

LANDSCAPE REPAIR

RIPRAP

CURB

- PAVING & SURFACING NOTES:
- NOTES:

201. DRIVEWAY APPROACH OPTION 'G' PER ODOT RD735/C5.00.

202. PUBLIC CURB AND GUTTER REPLACEMENT PER PER ODOT RD700/C5.00, E=6"

203. PUBLIC SIDEWALK PANEL REPLACEMENT, ONE EITHER SIDE OF DRIVEWAY APPROACH, PER ODOT RD720/C5.00.

204. PUBLIC ASPHALT REPLACEMENT, RE-DENSIFY EXISTING SUBGRADE AND ADD 3/4" MINUS AS NECESSARY TO MATCH HEAVY DUTY ASPHALT SECTION OR TO MATCH EXISTING PAVEMENT SECTION, WHICHEVER IS GREATER.

205. LIGHT DUTY ASPHALT PER 4/C4.00.

206. HEAVY DUTY ASPHALT PER 5/C4.00.

207. PEDESTRIAN DUTY ASPHALT PER 6/C4.00.

208. UNREINFORCED CONCRETE PAVEMENT PER 1/C4.00.

209. REINFORCED CONCRETE PAVEMENT PER 2/C4.00.

210. STANDARD CURB PER 3/C4.00.

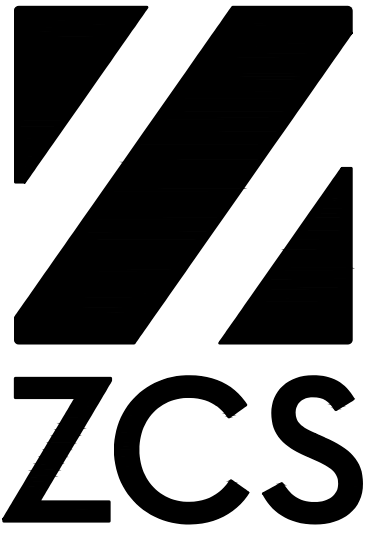
211. RIPRAP PER 4/C4.10.

212. APPROXIMATE LIMITS OF LANDSCAPE REPAIR.

213. CLEAN AND PREPARE EXISTING CONCRETE PAVEMENT USING 'GAF STREETBOND' PRODUCTS INSTALLED PER MANUFACTURER SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH APPROVED 'GAF' APPROVED INSTALLER PRIOR TO CONSTRUCTION TO DETERMINE NECESSARY PREPARATION SCOPE.

214. WEEPHOLES THROUGH SIDEWALK & CONCRETE CURB PER 5/C4.10. 2 WEEPHOLES TOTAL.

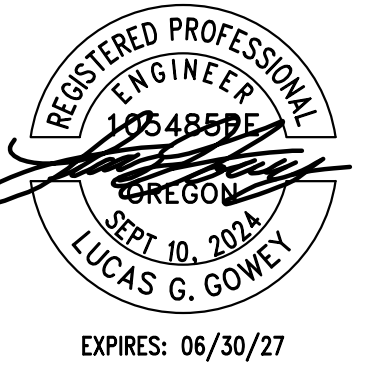
215. ASPHALT EDGING PER 6/C4.10.



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PAVING &  
SURFACING PLAN

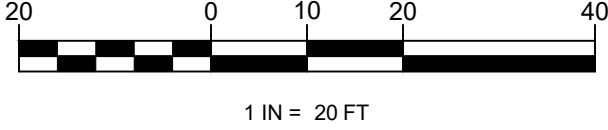
C2.00

BID & PERMIT SET | NOT FOR CONSTRUCTION

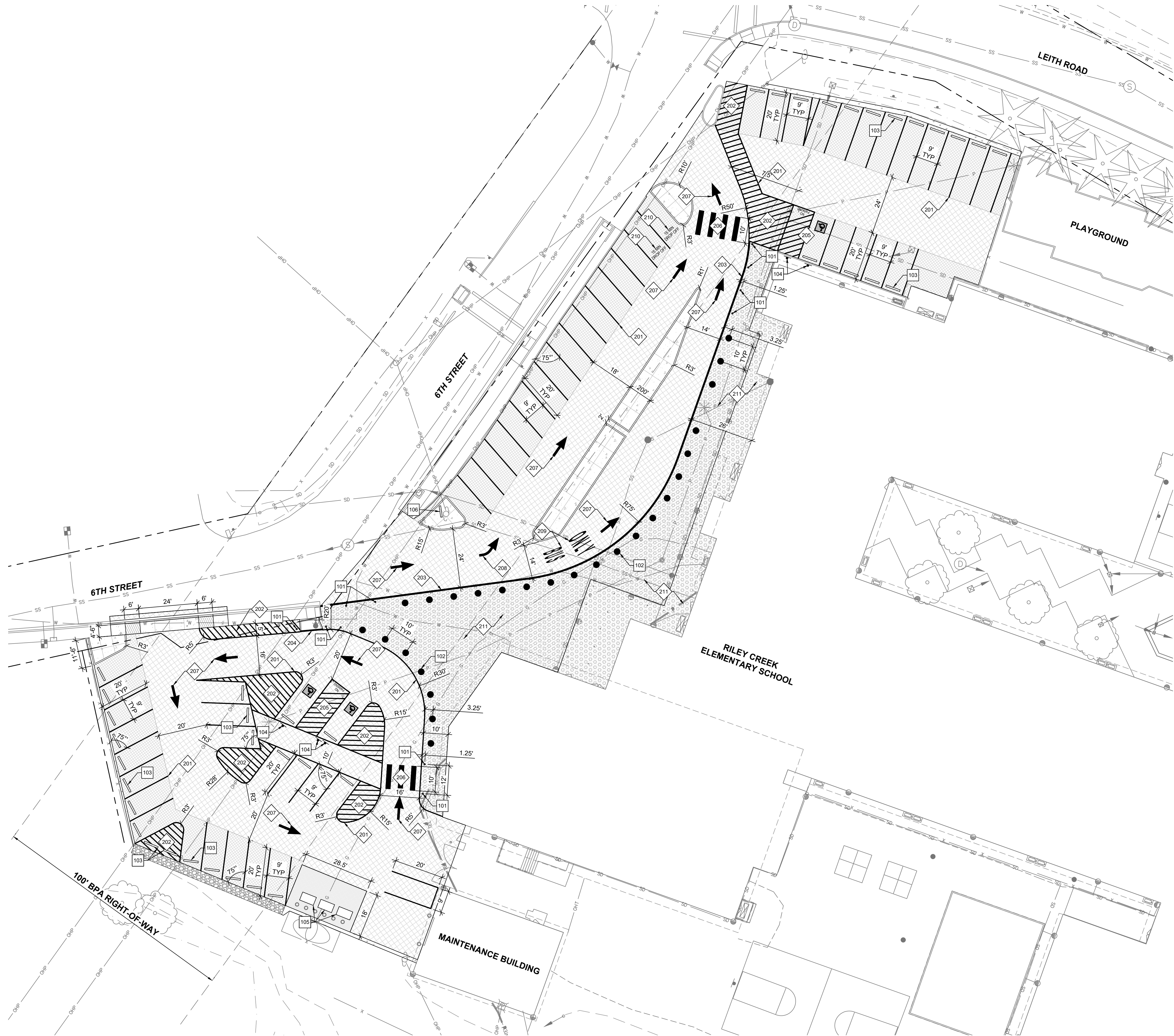
ONE INCH EQUALS FULL SCALE

1 PAVING & SURFACING PLAN  
C2.00

1"=20'







LEGEND

HATCHES & LINE TYPES:

ASPHALT PAVING - LIGHT DUTY

ASPHALT PAVING - HEAVY DUTY

CONCRETE PAVING - REINFORCED

CONCRETE PAVING - UN-REINFORCED

LANDSCAPE REPAIR

RIPRAP

PEDESTRIAN TRAVEL AREA

CURB

SYMBOLS:

PARKING BUMPER

BOLLARD

SPHERE BOLLARD

SIGN

SITE CONSTRUCTION & PAVEMENT MARKING NOTES:

GENERAL SITE CONSTRUCTION NOTES:  
ALL SIGN MODELS LISTED ARE PER MUTCD, UNO.

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 SITE CONSTRUCTION NOTES:  
101. STATIONARY BOLLARD PER 7/C4.00.  
102. 30" SPHERE BOLLARD PER 8/C4.00. 26 TOTAL, OWNER FURNISHED CONTRACTOR INSTALLED  
103. PARKING SPACE WHEEL STOP PER 3/C4.10.  
104. ACCESSIBLE PARKING SIGNAGE PER 1/C4.10.  
105. RELOCATED TRASH AND RECYCLING DUMPSTERS.  
106. REINSTALL WOODEN MONUMENT SIGN. REINSTALLATION TO BE DESIGN BUILD. COORDINATE DESIGN AND LOCATION WITH OWNER.

◇

 GENERAL SITE CONSTRUCTION NOTES:  
ON SITE STRIPING STANDARDS PER 2/C4.10.

PAVEMENT MARKING NOTES:  
201. 4" SOLID WHITE STRIPING, ORIENTED AS INDICATED.  
202. 4" SOLID WHITE STRIPING ROTATED AT 36° FROM PARALLEL, SPACED 2' ON CENTER, TYPICAL.  
203. 8" SOLID YELLOW STRIPING, ORIENTED AS INDICATED.  
204. PAINT CURB SOLID YELLOW.  
205. ACCESSIBLE PARKING SPACE & ACCESS AISLE PER 1/C4.10.  
206. CONTINENTAL CROSSWALK SIMILAR TO 'CW-SC' ON ODOT TM503/C5.10.  
207. SOLID WHITE STRAIGHT TRAFFIC FLOW ARROW SIMILAR TO 'SA' ON ODOT TM501/C5.00.  
208. SOLID WHITE LEFT TURN TRAFFIC FLOW ARROW SIMILAR TO 'LA' ON ODOT TM501/C5.00.  
209. SOLID WHITE BUS ONLY STRIPING SIMILAR TO 'BUS' AND 'ON' ON ODOT TM503/C5.10.  
210. SOLID WHITE 15" TALL '15 MIN DROP OFF' TEXT CENTERED ON STALL AS SHOWN. COORDINATE FINAL TEXT AND PLACEMENT WITH OWNER PRIOR TO INSTALLATION.  
211. PAINT PEDESTRIAN TRAVEL AREAS WITH 'GFA STREETBOND 150SB' ACRYLIC ASPHALT PAVEMENT COATING, OR APPROVED ALTERNATIVE. COORDINATE COLOR AND PATTERN WITH OWNER.

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SITE CONSTRUCTION  
PAVEMENT MARKING  
& DIMENSIONING  
PLAN

C2.10

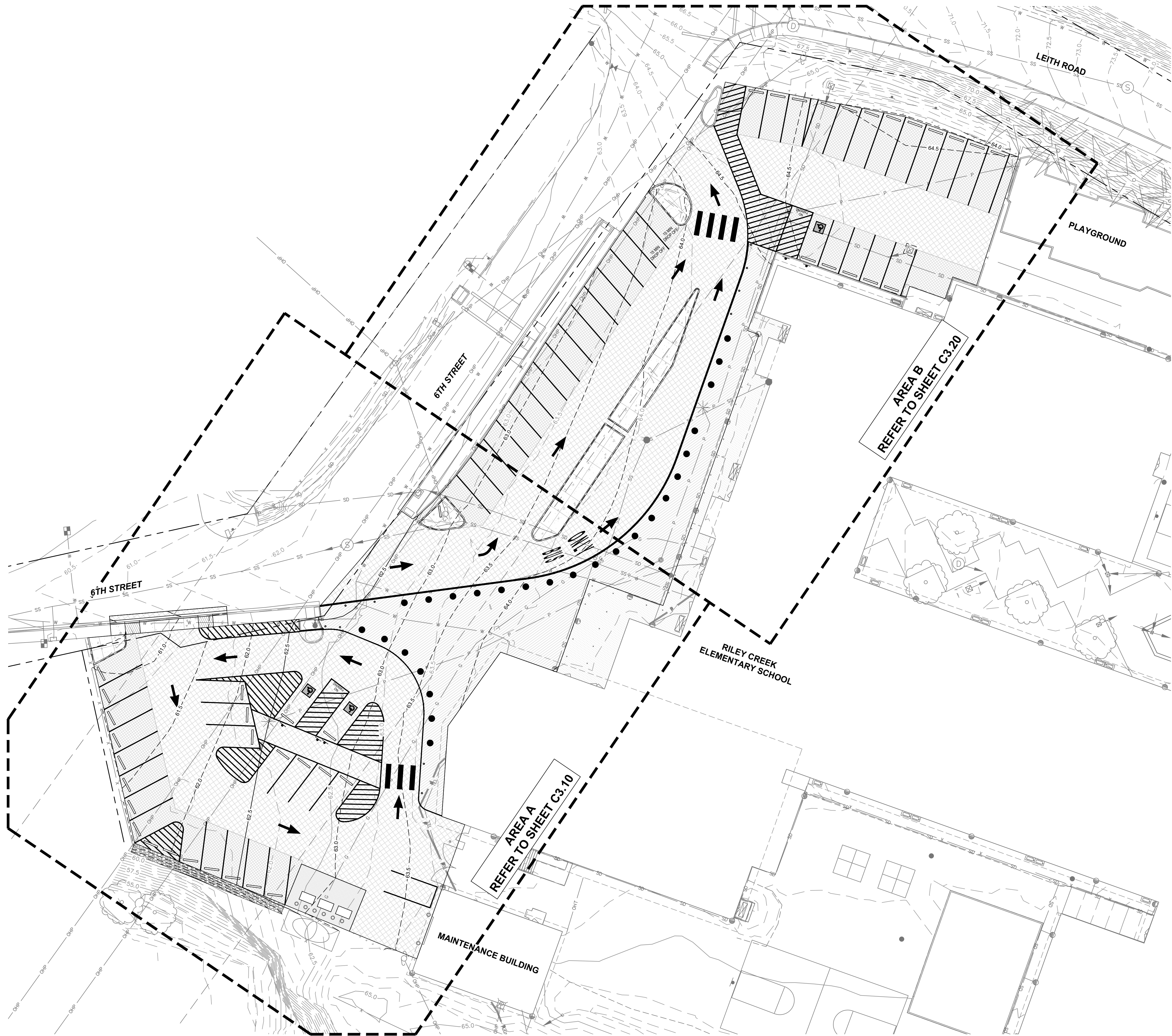
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ONE INCH EQUALS FULL SCALE

1 SITE CONSTRUCTION, PAVEMENT MARKING & DIMENSIONING PLAN  
C2.10

1"=20'

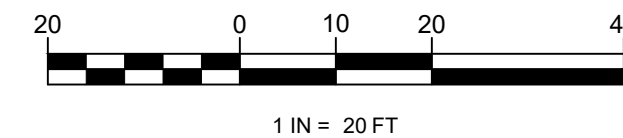




ONE INCH EQUALS FULL SCALE

1 OVERALL GRADING & DRAINAGE PLAN  
C3.00

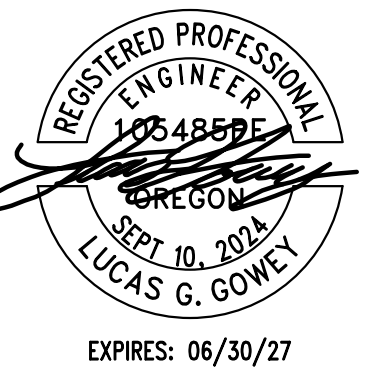
1"=20'



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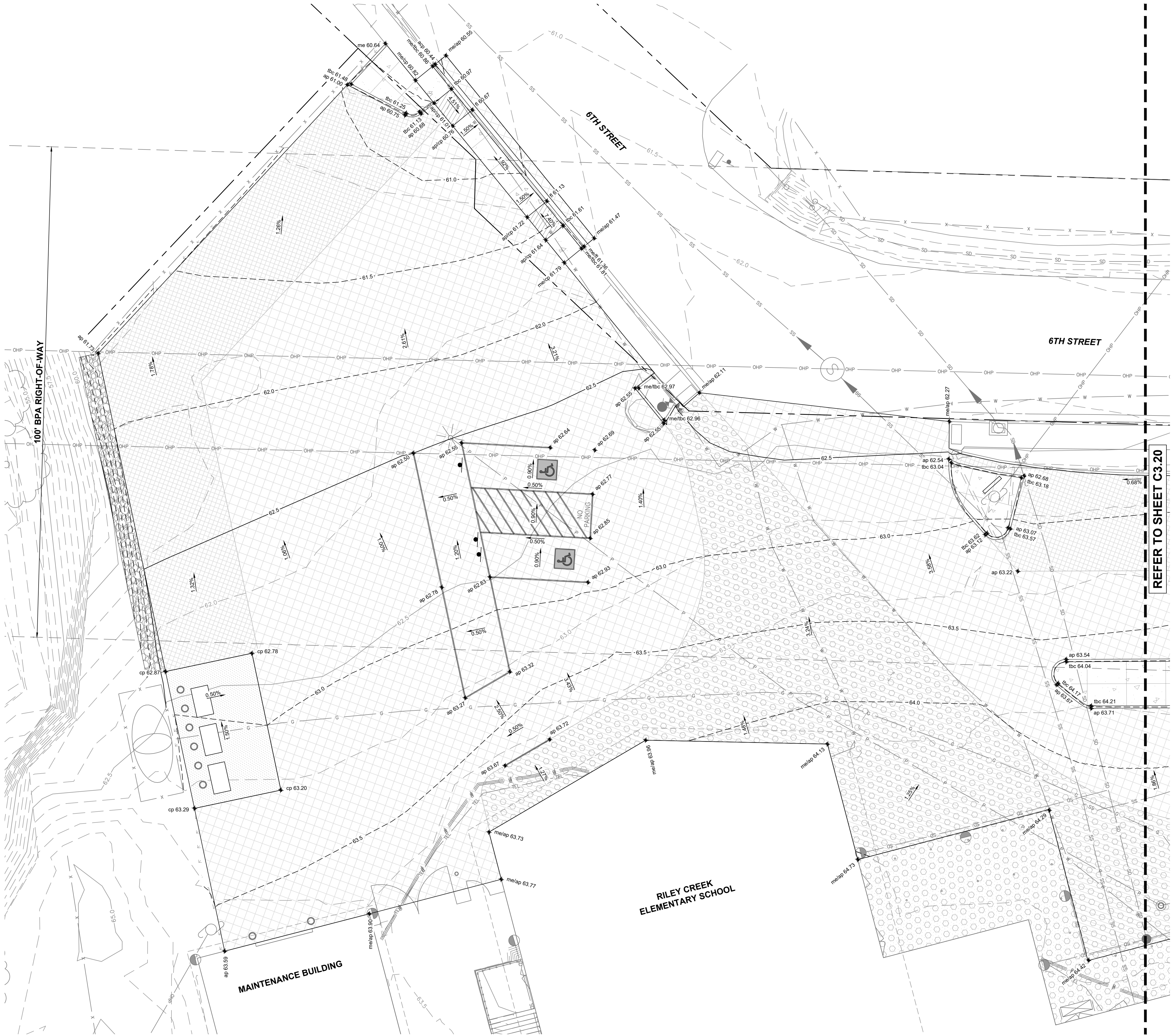
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OVERALL GRADING  
& DRAINAGE PLAN

C3.00

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## LEGEND

### HATCHES & LINE TYPES:

	ASPHALT PAVING - LIGHT DUTY
	ASPHALT PAVING - HEAVY DUTY
	ASPHALT PAVING - PEDESTRIAN
	CONCRETE PAVING - REINFORCED
	CONCRETE PAVING - UN-REINFORCED
	LANDSCAPE REPAIR
	RIPRAP
	PEDESTRIAN TRAVEL AREA
	CURB

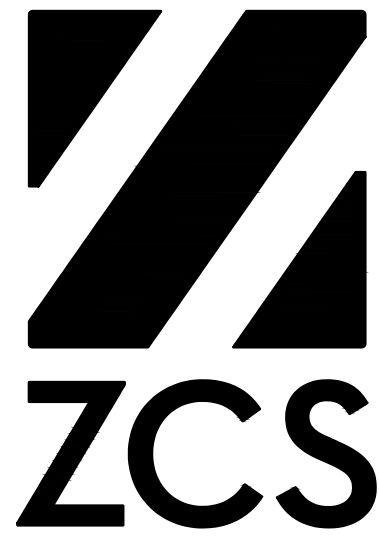
	(E) SURFACE CONTOUR - MAJOR
	(E) SURFACE CONTOUR - MINOR
	SURFACE CONTOUR - MAJOR
	SURFACE CONTOUR - MINOR

### ABBREVIATIONS

AP	ASPHALT PAVEMENT
CP	CONCRETE PAVEMENT
FL	FLOW LINE
ME	MATCH EXISTING
TBC	TOP BACK OF CURB

### GRADING & DRAINAGE NOTES:

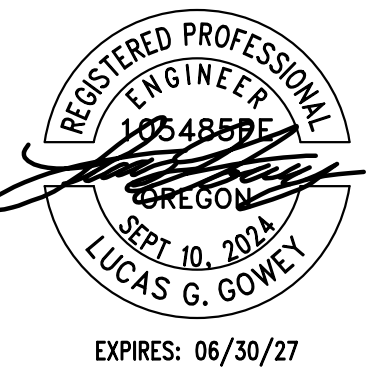
GENERAL GRADING & DRAINAGE NOTES:  
TRANSITIONS BETWEEN NEW AND EXISTING ASPHALT/CONCRETE/CURB SHALL BE FLUSH AND FREE FROM ABRUPT CHANGES IN HEIGHT. ADJUST STRUCTURE RIM ELEVATION TO MATCH FINISH GRADE, AS REQUIRED.



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CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



EXPIRES: 06/30/27

REVISION ID:	DATE:

PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

GRADING &  
DRAINAGE PLAN  
AREA A

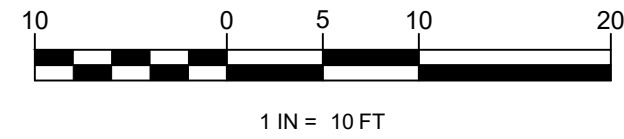
C3.10

BID & PERMIT SET | NOT FOR CONSTRUCTION

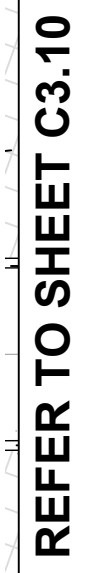
ONE INCH EQUALS FULL SCALE

1 GRADING & DRAINAGE PLAN - AREA A  
C3.10

1"=10'

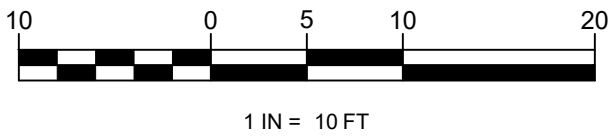






1  
C3.20

## GRADING & DRAINAGE PLAN - AREA B

$$1'' = 10'$$


### HATCHES & LINE TYPES:

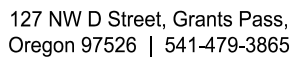
	ASPHALT PAVING - LIGHT DUTY
	ASPHALT PAVING - HEAVY DUTY
	ASPHALT PAVING - PEDESTRIAN
	CONCRETE PAVING - REINFORCED
	CONCRETE PAVING - UN-REINFORCED
	LANDSCAPE REPAIR
	PEDESTRIAN TRAVEL AREA
	CURB
	(E) SURFACE CONTOUR - MAJOR
	(E) SURFACE CONTOUR - MINOR
	SURFACE CONTOUR - MAJOR
	SURFACE CONTOUR - MINOR

## ABBREVIATIONS

AP	ASPHALT PAVEMENT
CP	CONCRETE PAVEMENT
ME	MATCH EXISTING
TBC	TOP BACK OF CURB

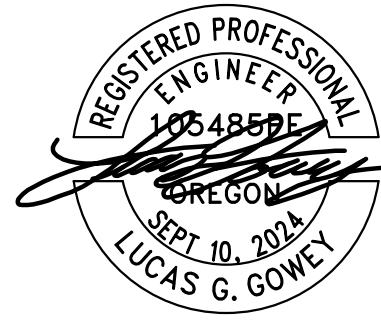
**GRADING & DRAINAGE NOTES:**

**GENERAL GRADING & DRAINAGE NOTES:**  
TRANSITIONS BETWEEN NEW AND EXISTING ASPHALT/CONCRETE/CURB SHALL BE FLUSH AND FREE FROM ABRUPT CHANGES IN HEIGHT. ADJUST STRUCTURE RIM ELEVATION TO MATCH FINISH GRADE, AS REQUIRED.



CENTRAL CURRY  
SCHOOL DISTRICT

**RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS**



**EXPIRES: 06/30/27**

[illegible]

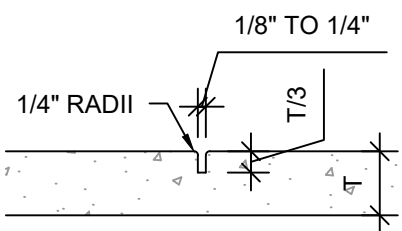
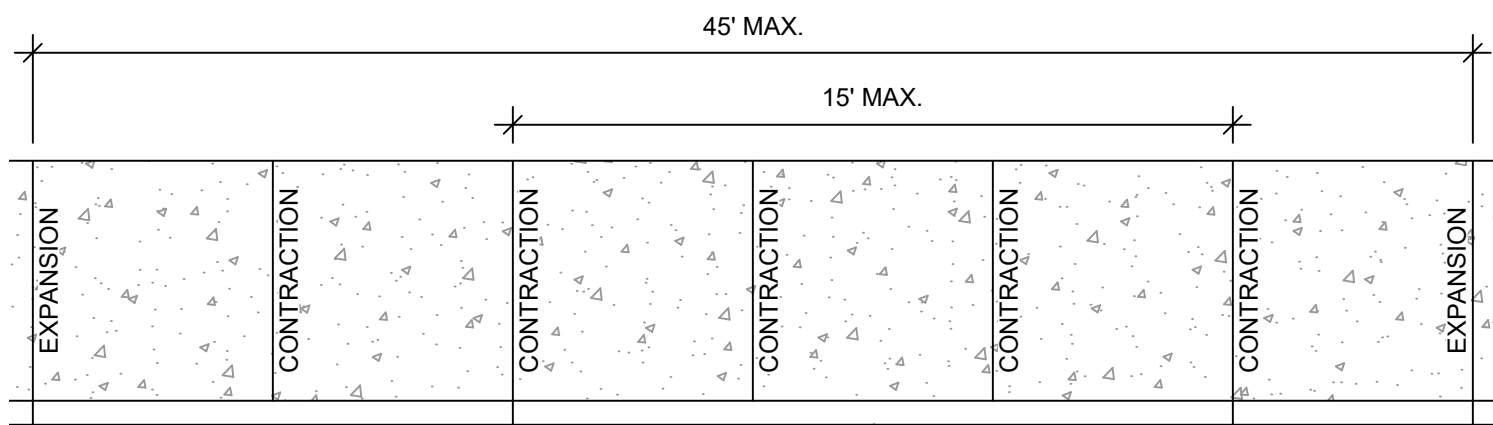
PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

# GRADING & DRAINAGE PLAN AREA B

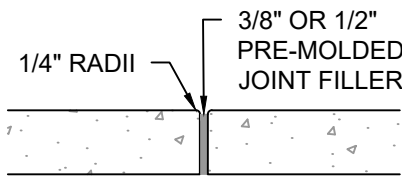
## C3.20

BID &amp; PERMIT SET | NOT FOR CONSTRUCTION





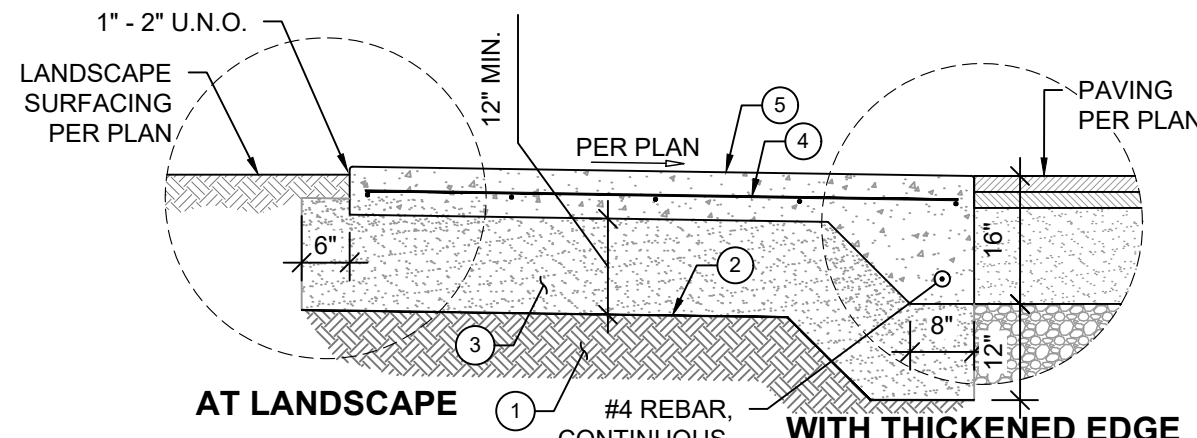
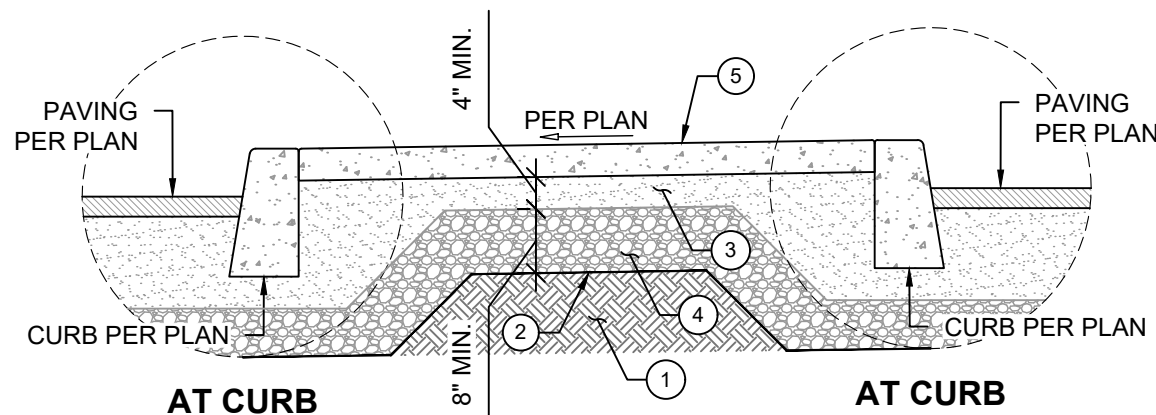
CONTRACTION JOINT



EXPANSION JOINT

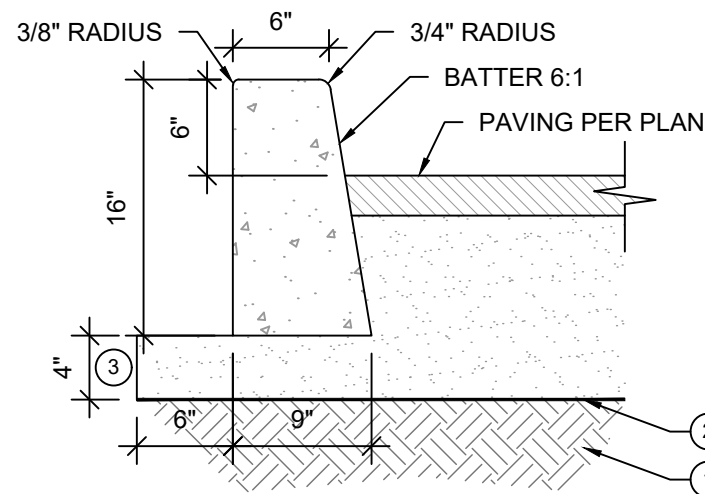
- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - WOVEN GEOTEXTILE (ACF 180 OR EQUIVALENT).
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - COMPACTED 4" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - UNREINFORCED CONCRETE PAVEMENT.
- 5.1 4" THICK, OR AS NOTED IN PLANS.  
5.2 4,000 PSI (MINIMUM) COMMERCIAL GRADE CONCRETE.

- NOTES:**
- SIDEWALK PANELS TO BE GENERALLY SQUARE.
  - SIDEWALK PANELS TO HAVE BROOMED FINISH.
  - PROVIDE EXPANSION JOINTS AROUND POLES, BOXES, AND OTHER FIXTURES.
  - PROVIDE CONTRACTION JOINTS AT CURB RAMPS AND DRIVEWAYS.



- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - WOVEN GEOTEXTILE (ACF 180 OR EQUIVALENT).
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - #4 REBAR AT 18" O.C. EACH WAY, 2' CLEAR TYPICAL.
  - REINFORCED CONCRETE PAVEMENT.
- 5.1 6" THICK, OR AS NOTED IN PLANS.  
5.2 4,000 PSI (MINIMUM) COMMERCIAL GRADE CONCRETE.

- NOTES:**
- SIDEWALK PANELS TO BE GENERALLY SQUARE. JOINT LAYOUT SIMILAR TO UNREINFORCED SIDEWALK.
  - SIDEWALK PANELS TO HAVE BROOMED FINISH.
  - PROVIDE EXPANSION JOINTS AROUND POLES, BOXES, AND OTHER FIXTURES.
  - PROVIDE CONTRACTION JOINTS AT CURB RAMPS AND DRIVEWAYS.



- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - GEOTEXTILE WHERE SPECIFIED WITH PAVEMENT SECTION.
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.

- NOTES:**
- CONSTRUCT CURB EXPANSION JOINTS AT 100' MAXIMUM SPACING, AT POINTS OF TANGENCY, AND AT ENDS OF DRIVEWAYS/RAMPS.
  - CONSTRUCT CURB CONTRACTION JOINTS AT 15' MAXIMUM SPACING.
  - TRANSITION BETWEEN CURB EXPOSURES OR CURB TYPES PER PLAN.
  - TOP OF CURB TO SLOPE TOWARD PAVEMENT AT 1.5% UNLESS NOTED OTHERWISE.
  - DIMENSIONS AT RADII ARE MEASURED TO THE POINT OF INTERSECTION OF THE CURB SURFACES.

1 4" THICK UNREINFORCED PAVEMENT

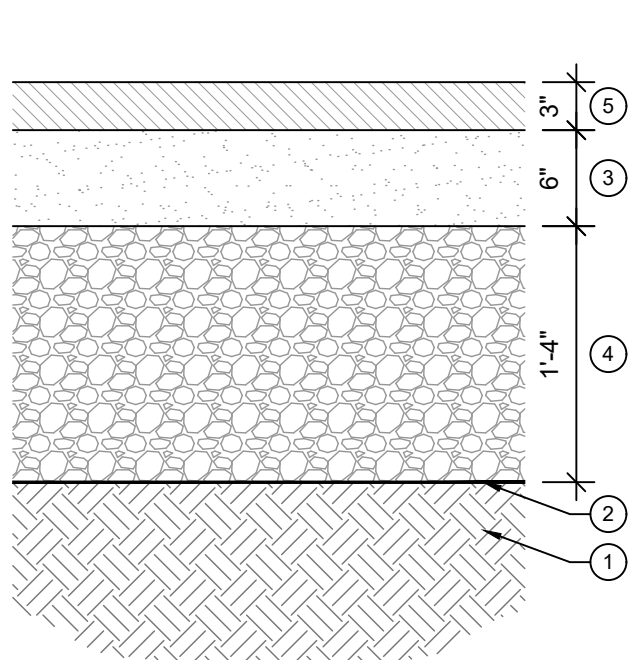
1/2" = 1'

2 6" THICK REINFORCED PAVEMENT

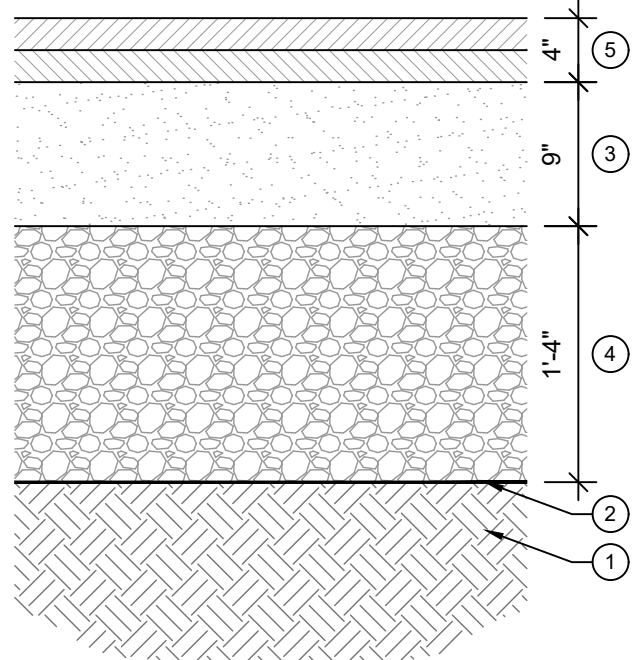
1/2" = 1'

3 STANDARD CURB

1" = 1'



- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - WOVEN GEOTEXTILE (ACF 180 OR EQUIVALENT).
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - COMPACTED 4" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - 3" ASPHALT PAVEMENT INSTALLED IN ONE (1) LIFT OF ODOT LEVEL 2 - 1/2" DENSE MIX ASPHALT PAVEMENT WITH PG 64-22 BINDER. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744 UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS.



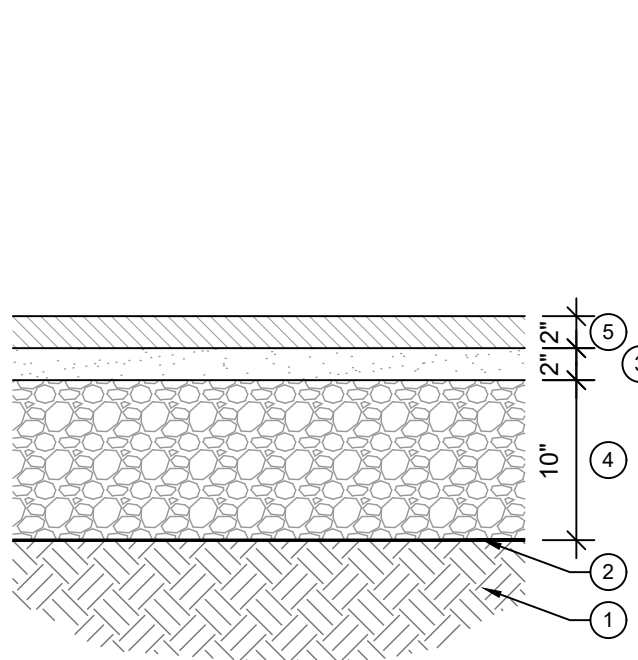
- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - WOVEN GEOTEXTILE (ACF 180 OR EQUIVALENT).
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - COMPACTED 4" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - 4" ASPHALT PAVEMENT INSTALLED IN TWO (2) LIFTS. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744 UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS.
- 5.1 BASE COURSE: 2" OF ODOT LEVEL 2 - 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.  
5.2 WEARING COURSE: 2" OF ODOT LEVEL 2 - 1/2" DENSE MIX ACP WITH PG 64-22 BINDER.

4 ASPHALT PAVEMENT SECTION - LIGHT DUTY

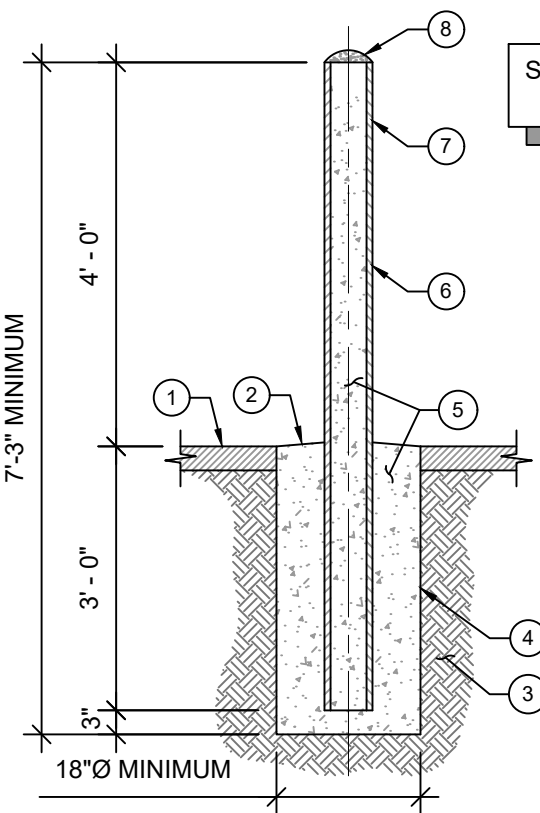
NTS

5 ASPHALT PAVEMENT SECTION - HEAVY DUTY

NTS



- KEY NOTES:**
- RE-DENSIFIED SUBGRADE.
  - WOVEN GEOTEXTILE (ACF 180 OR EQUIVALENT).
  - COMPACTED 3/4" MINUS OR 1" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - COMPACTED 4" MINUS, PER GEOTECHNICAL REPORT RECOMMENDATIONS.
  - 2" ASPHALT PAVEMENT INSTALLED IN ONE (1) LIFT OF ODOT LEVEL 2 - 1/2" DENSE MIX ASPHALT PAVEMENT WITH PG 64-22 BINDER. MATERIAL, PLACEMENT, AND TESTING PER ODOT SPEC 00744 UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS.



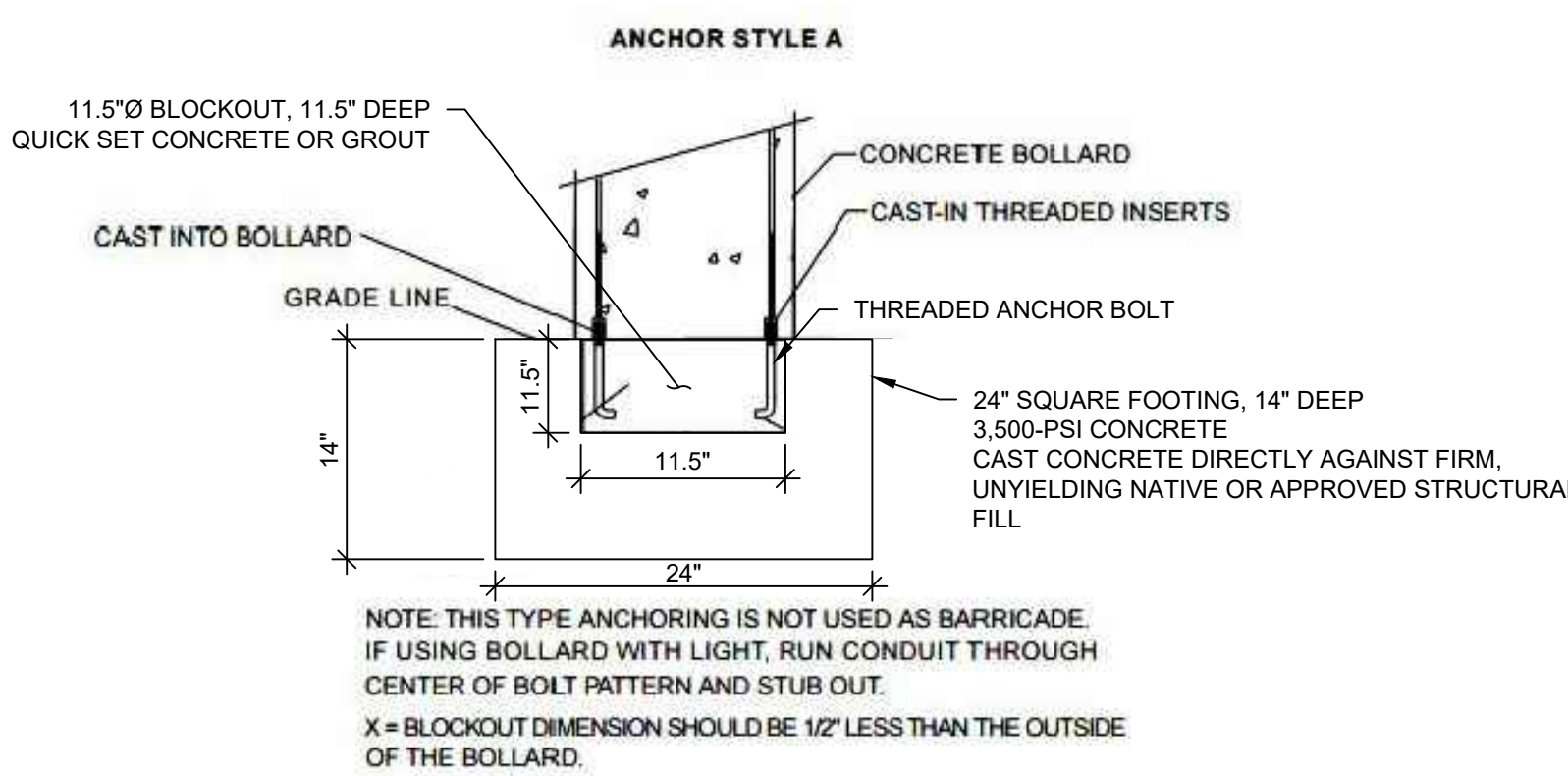
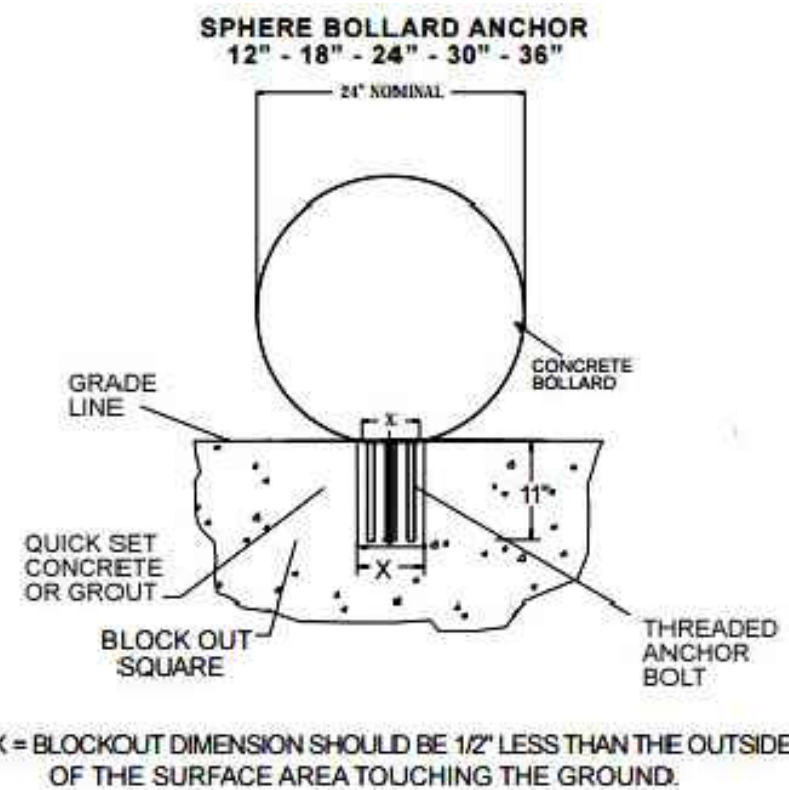
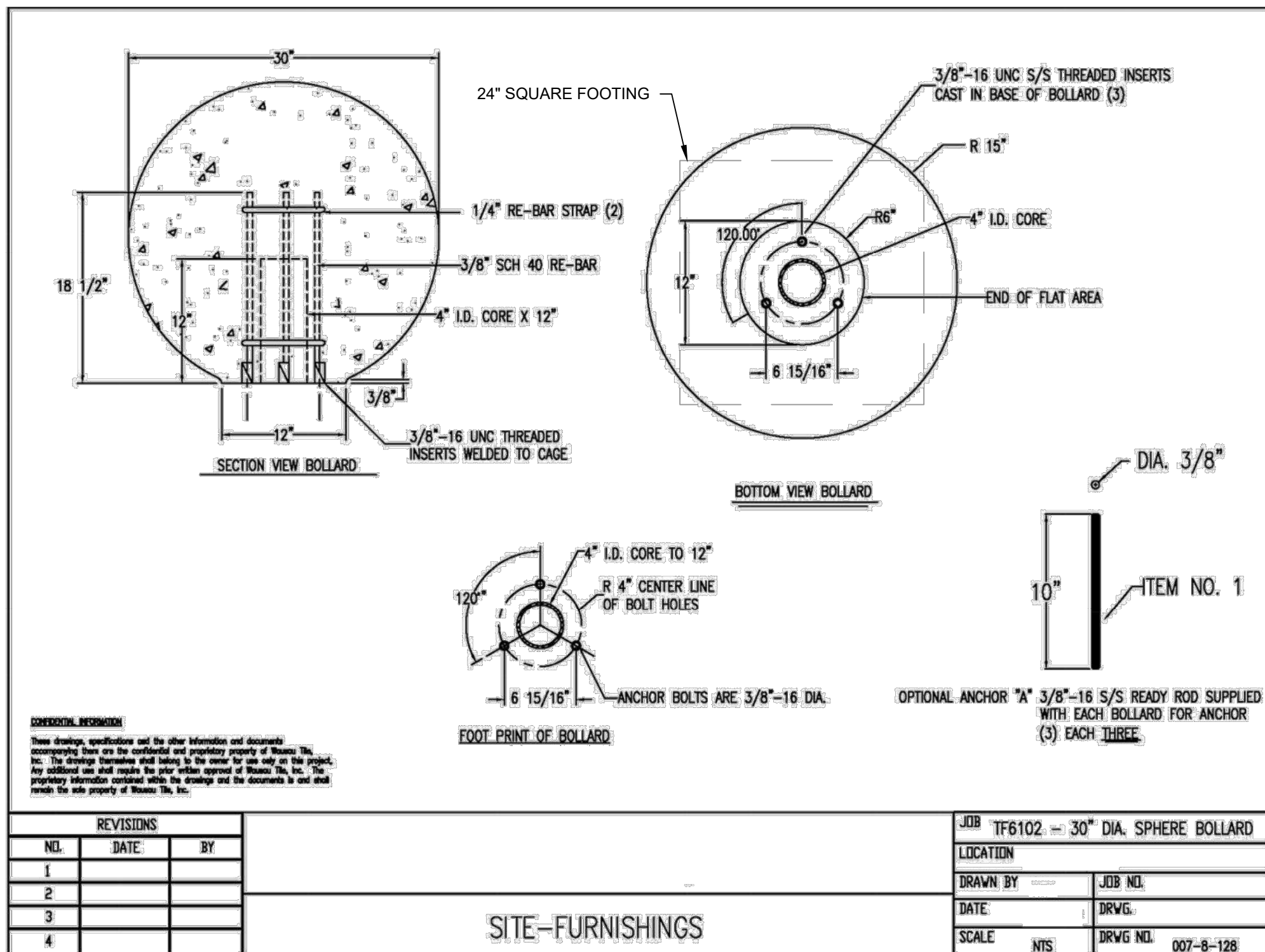
- KEY NOTES:**
- FINISH GRADE PER PLAN.
  - SLOPE TOP OF CONCRETE AWAY FROM BOLLARD 1/2" MIN.
  - UNDISTURBED SOIL OR NATIVE BACKFILL.
  - CAST CONCRETE DIRECTLY AGAINST FIRM, UNDISTURBED NATIVE OR APPROVED STRUCTURAL FILL.
  - 3,000-PSI MIN. COMMERCIAL GRADE CONCRETE PER CURRENT ODOT/APWA STANDARDS.
  - 5"Ø x 7' LONG SCHEDULE 40 STEEL PIPE - FILL WITH CONCRETE.
  - PAINT BOLLARD AND CAP 'SAFETY YELLOW' (1 COAT PRIMER WITH 2 COATS PAINT TYPICAL).
  - ROUNDED CONCRETE CAP.

6 ASPHALT PAVEMENT SECTION - PEDESTRIAN DUTY

NTS

7 STATIONARY BOLLARD DETAIL

NTS



CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
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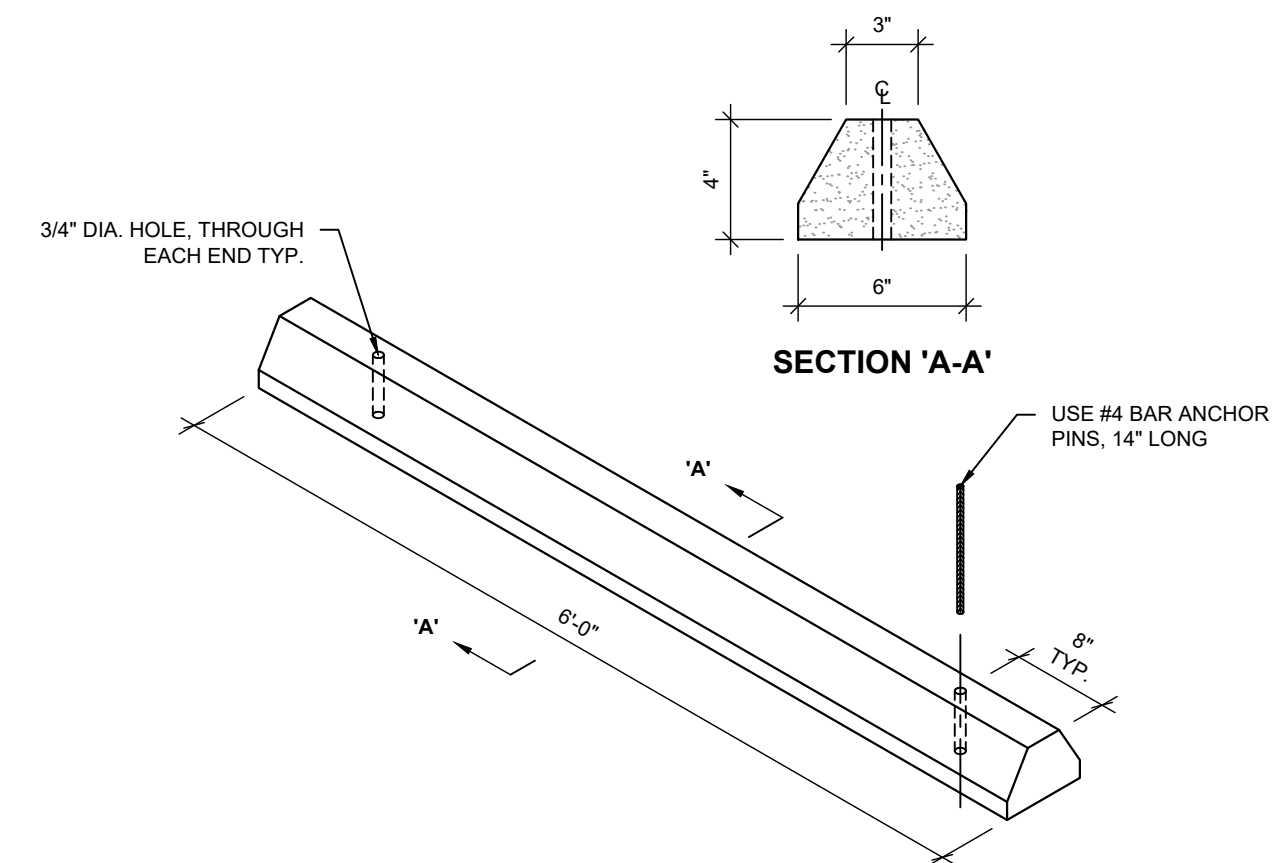
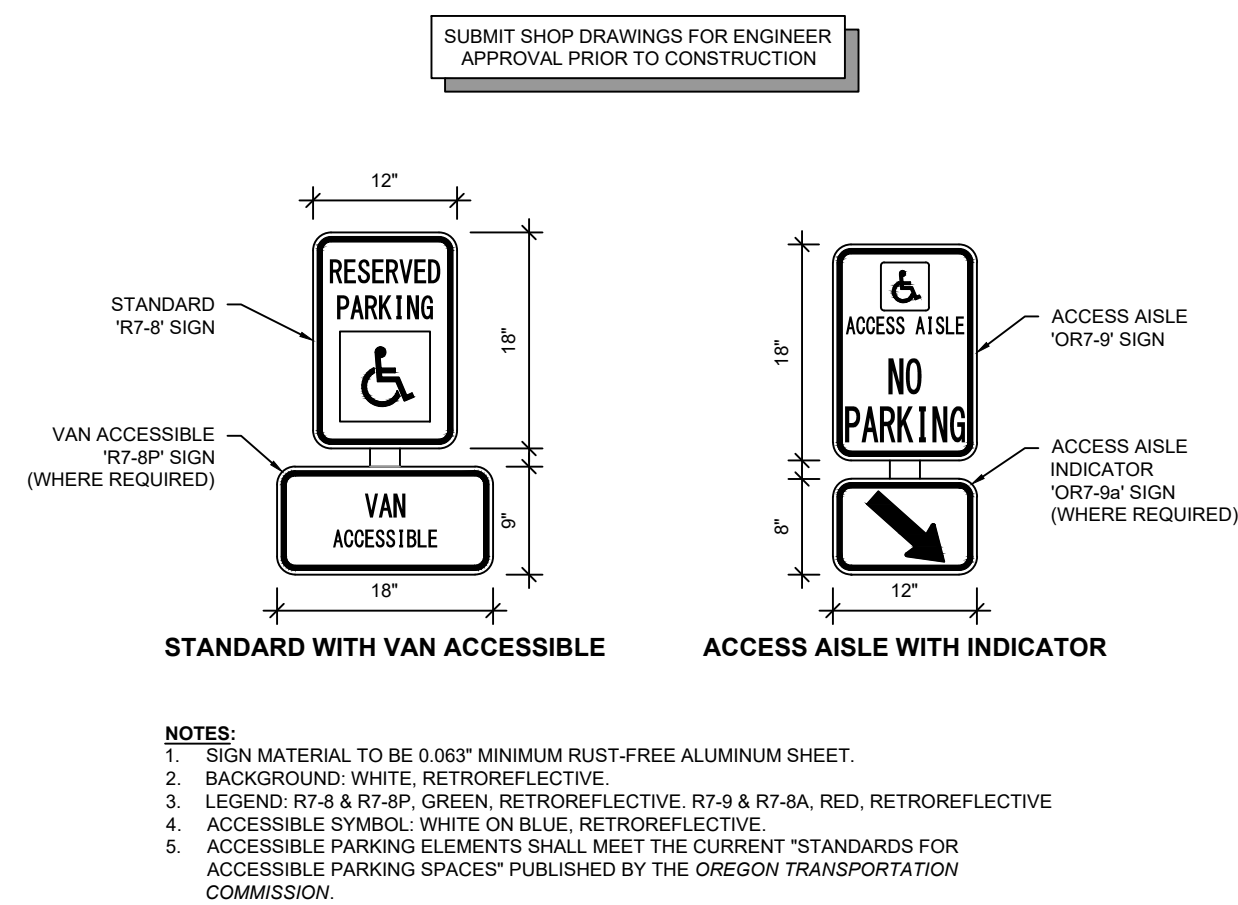
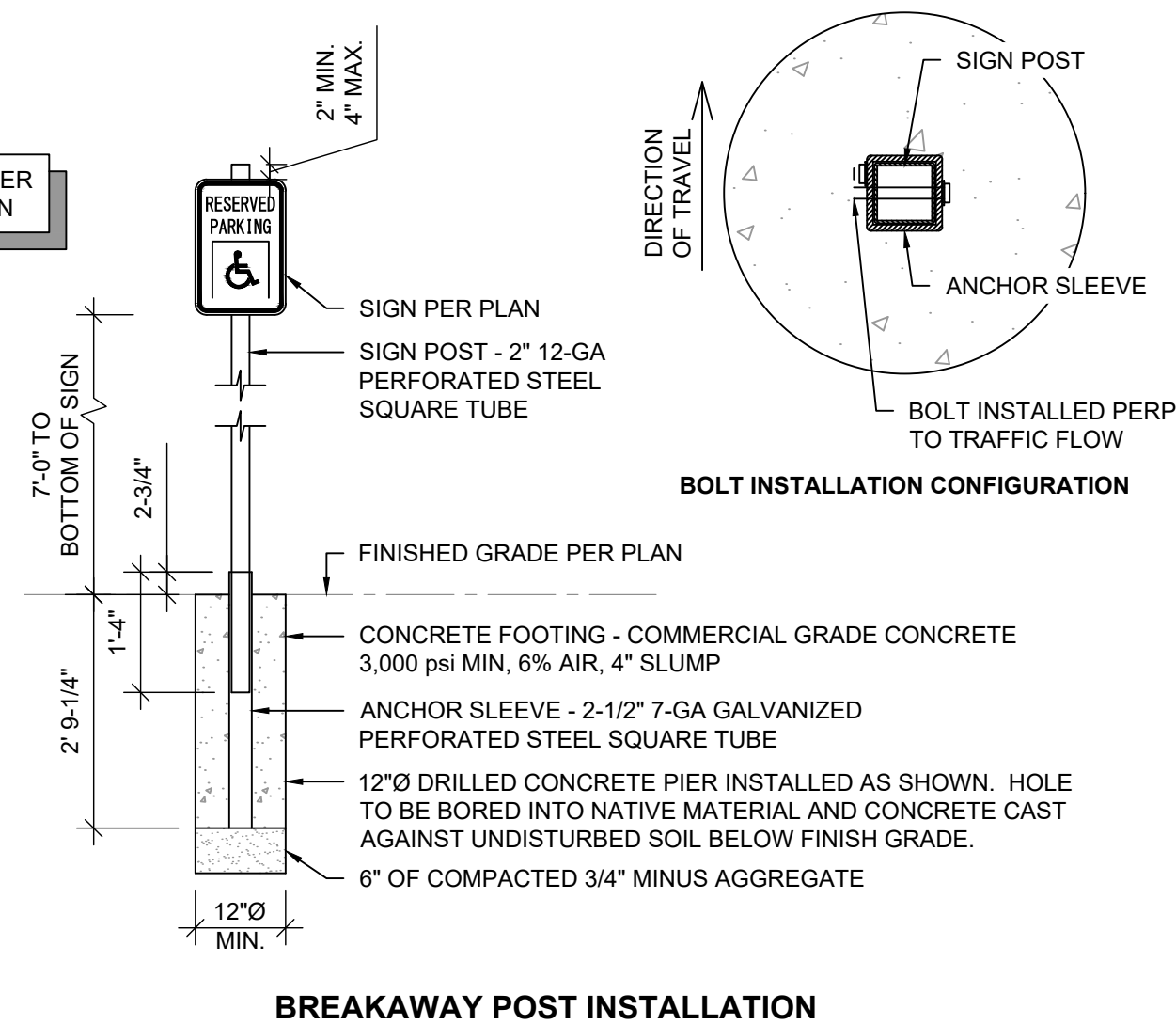
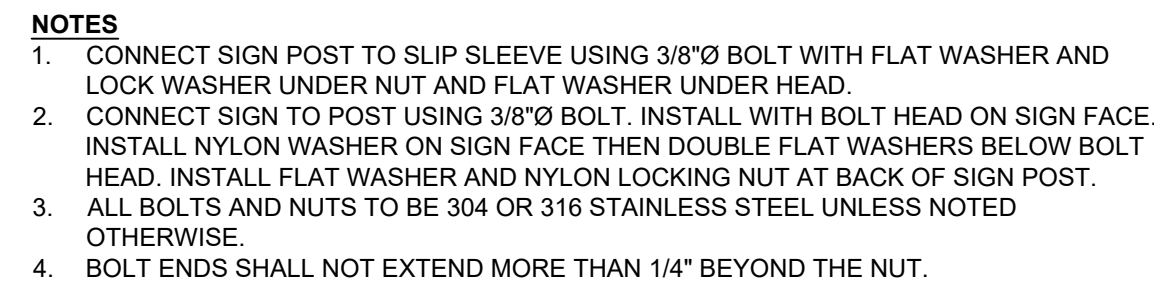
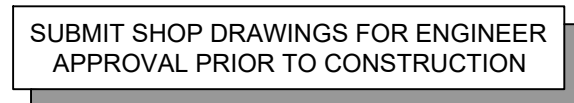
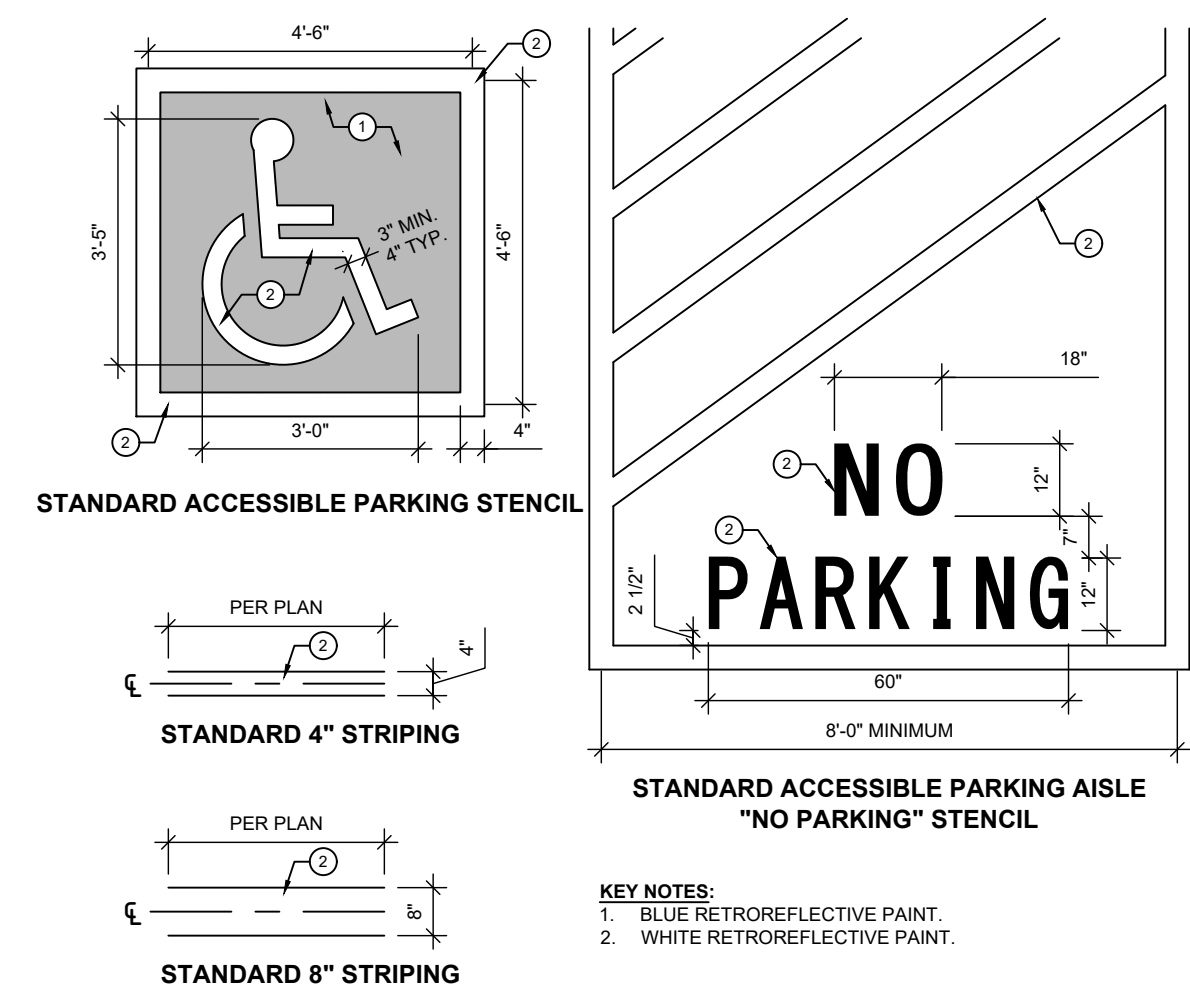
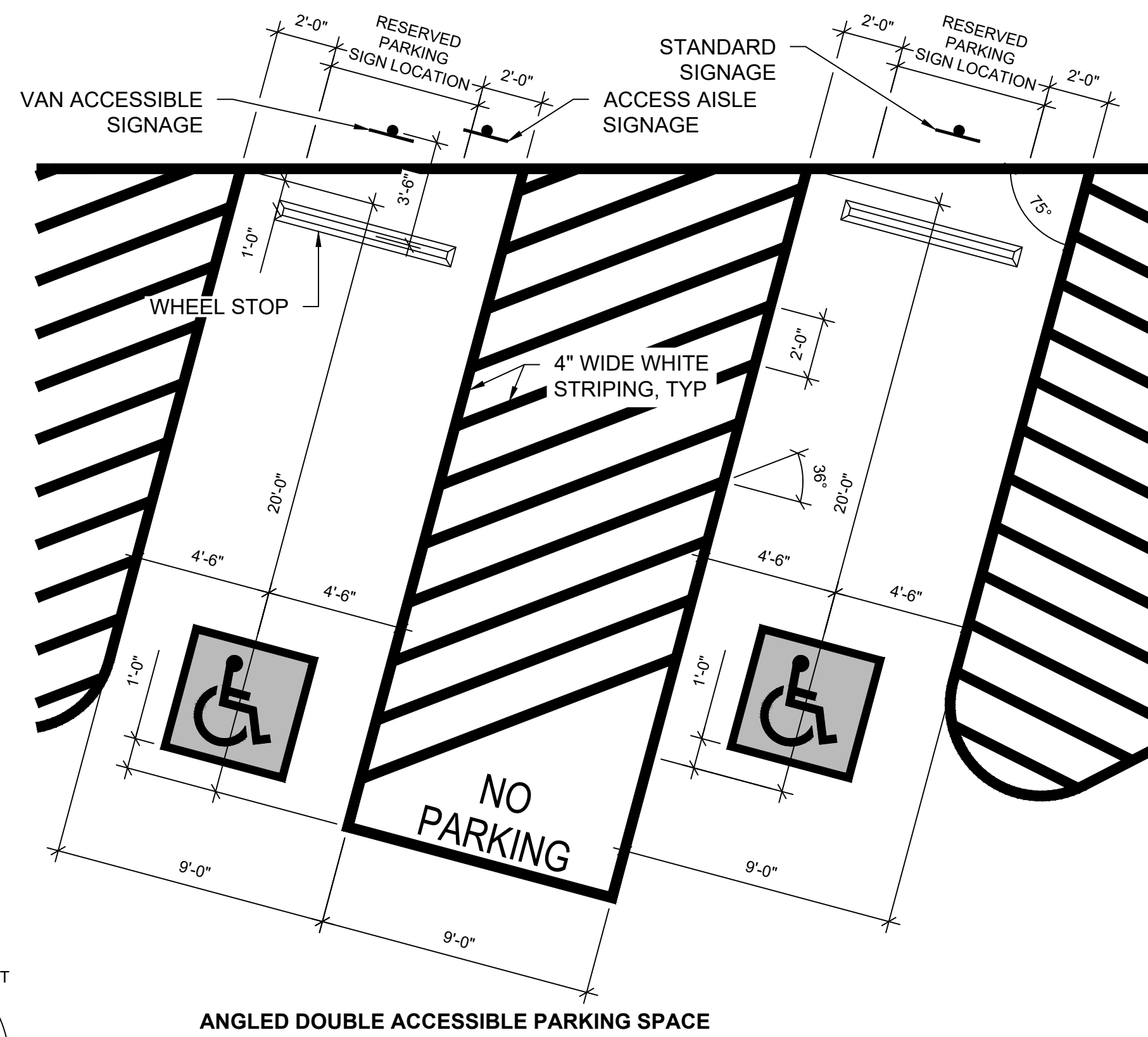
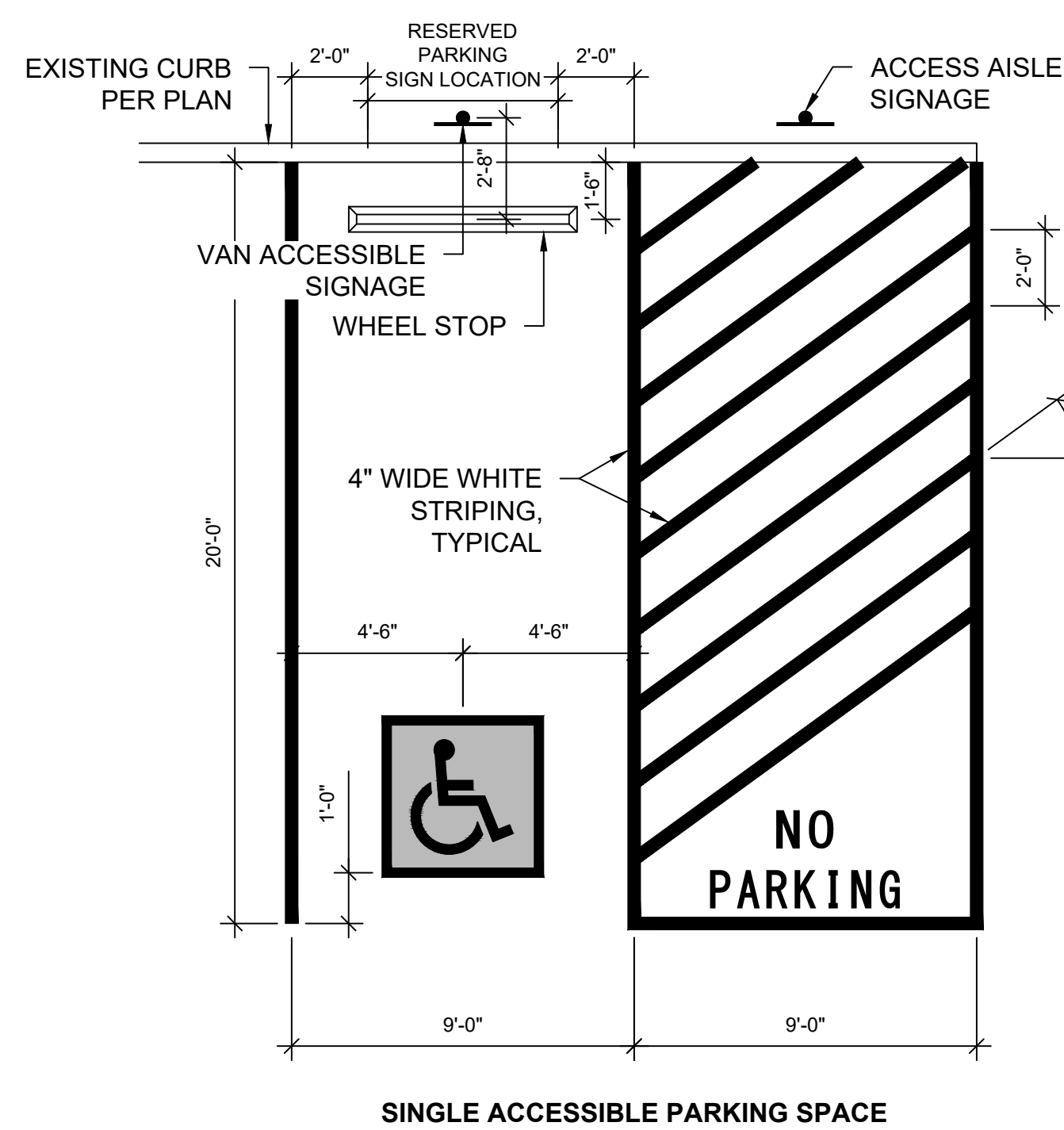
CIVIL DETAILS

C4.00

ONE INCH EQUALS FULL SCALE

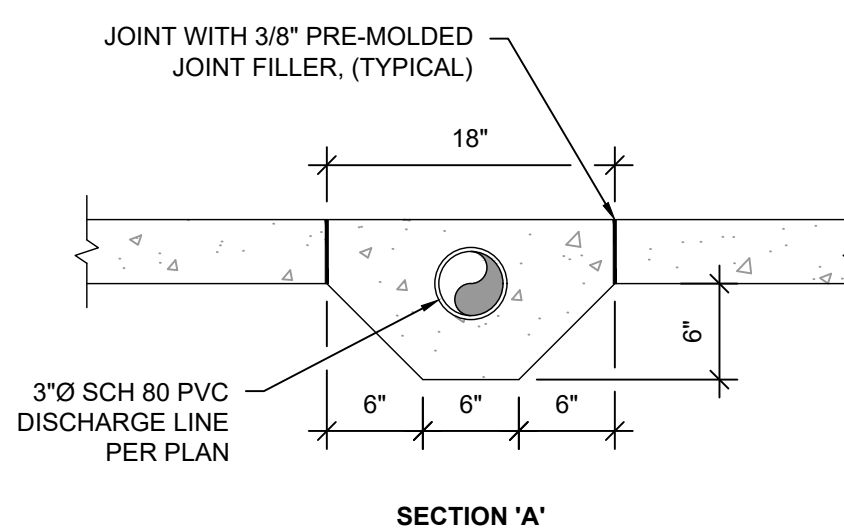
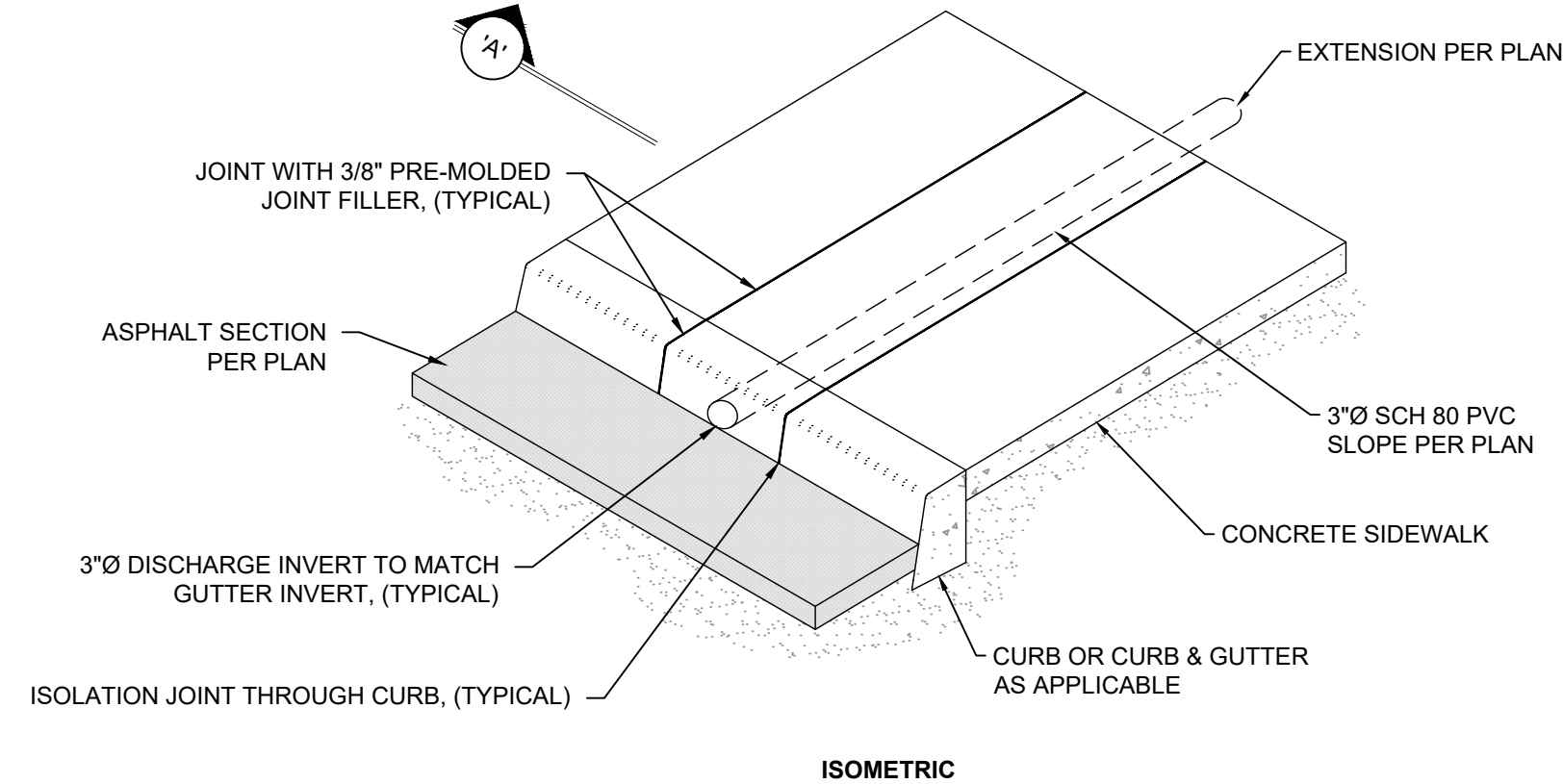
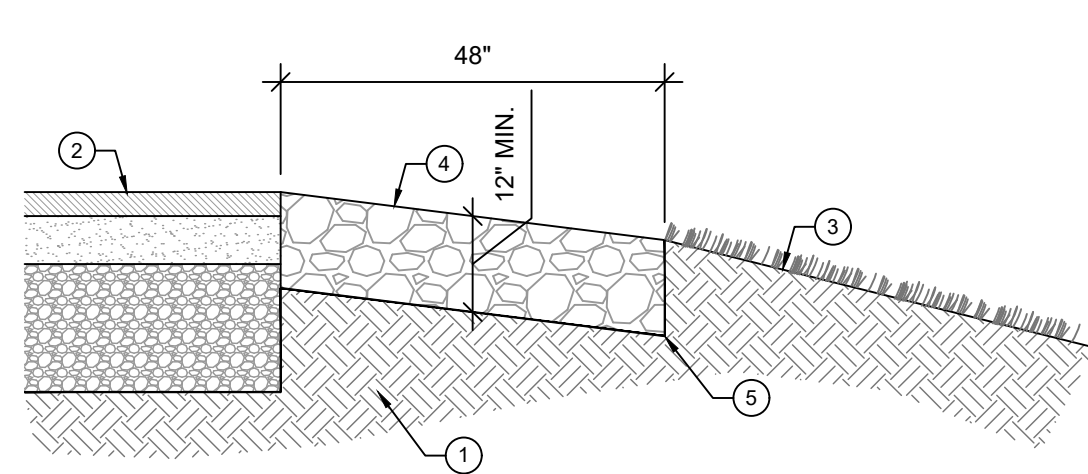
BID & PERMIT SET NOT FOR CONSTRUCTION





## 1 ACCESSIBLE PARKING PAVEMENT MARKINGS AND SIGNAGE PLACEMENT

NTS



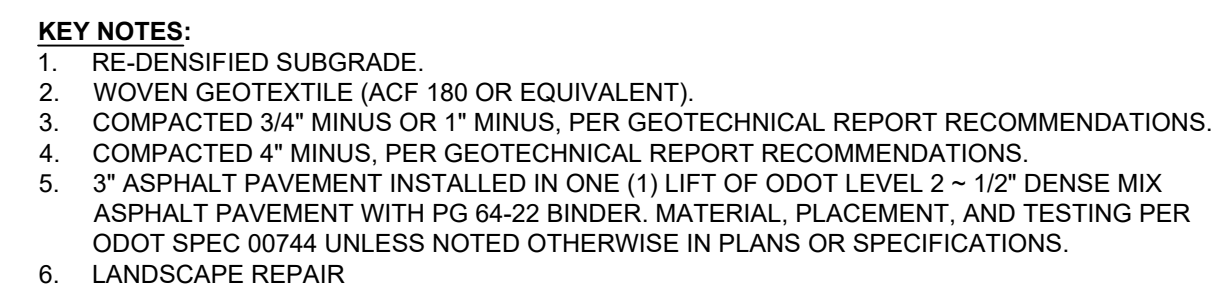
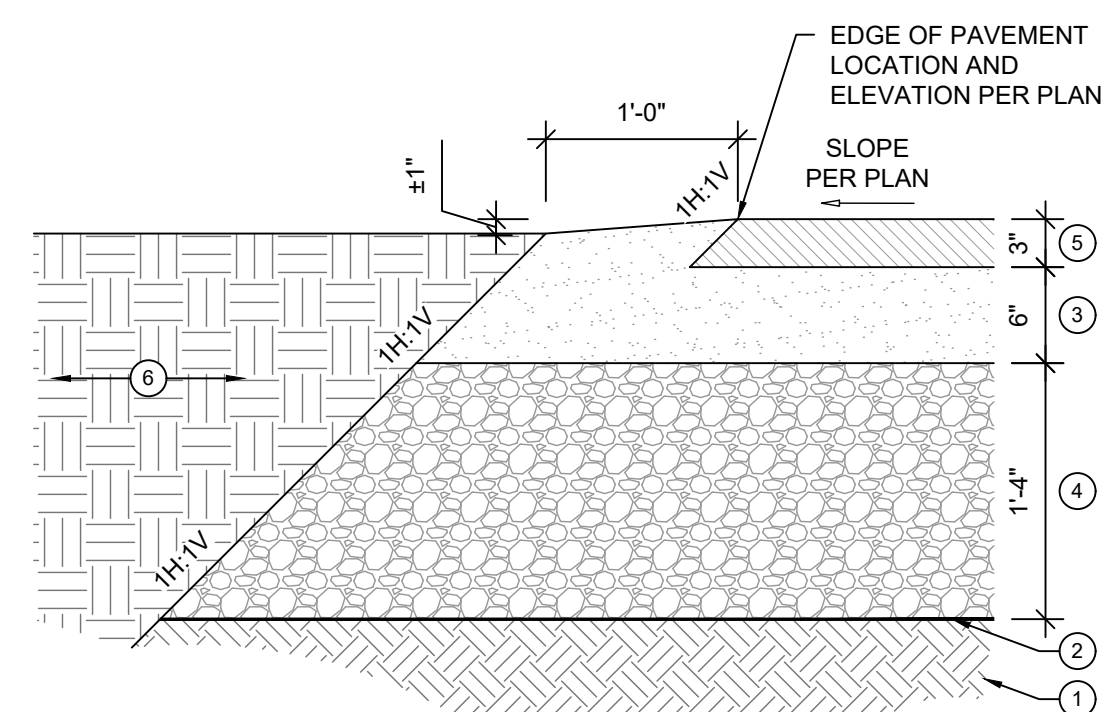
## 4 RIPRAP AT PAVEMENT EDGE

NTS

## 5 WEEPHOLE THROUGH SIDEWALK AND CURB

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NTS


$$\overline{3/4'' = 1'}$$


6 **ASHPALT EDGE DETAIL**

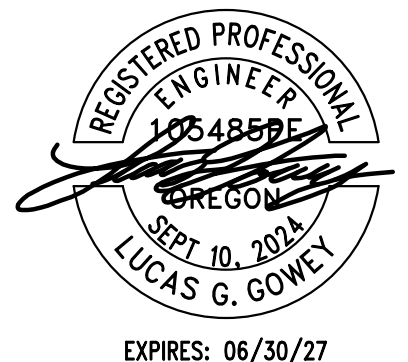
NTS



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CENTRAL CURRY  
SCHOOL DISTRICT

# RILEY CREEK ELEMENTARY SCHOOL PARKING LOT IMPROVEMENTS

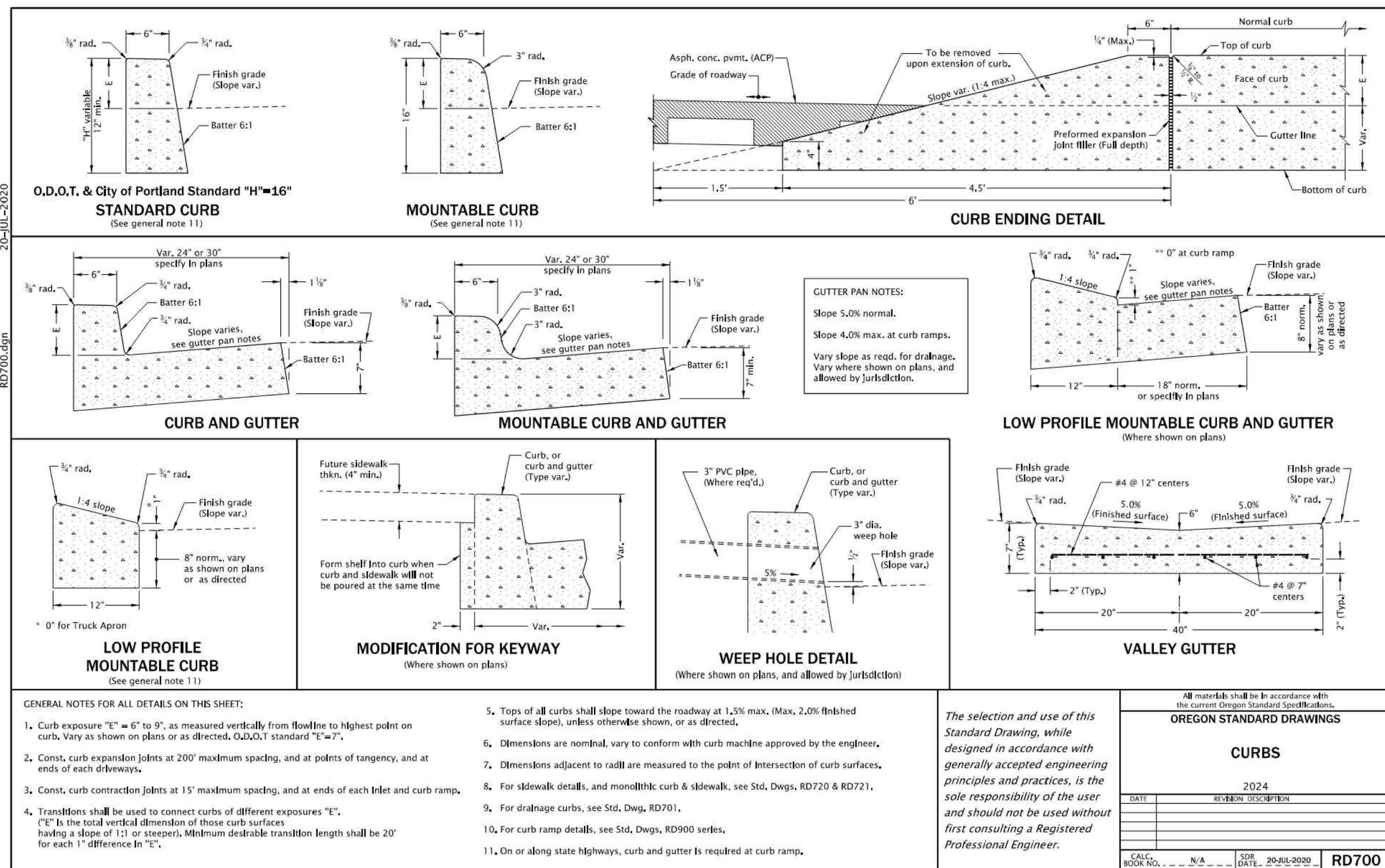


△ REVISION ID:	DATE:
PROJECT NO:	G-1710-26
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DATE:	02/20/2026

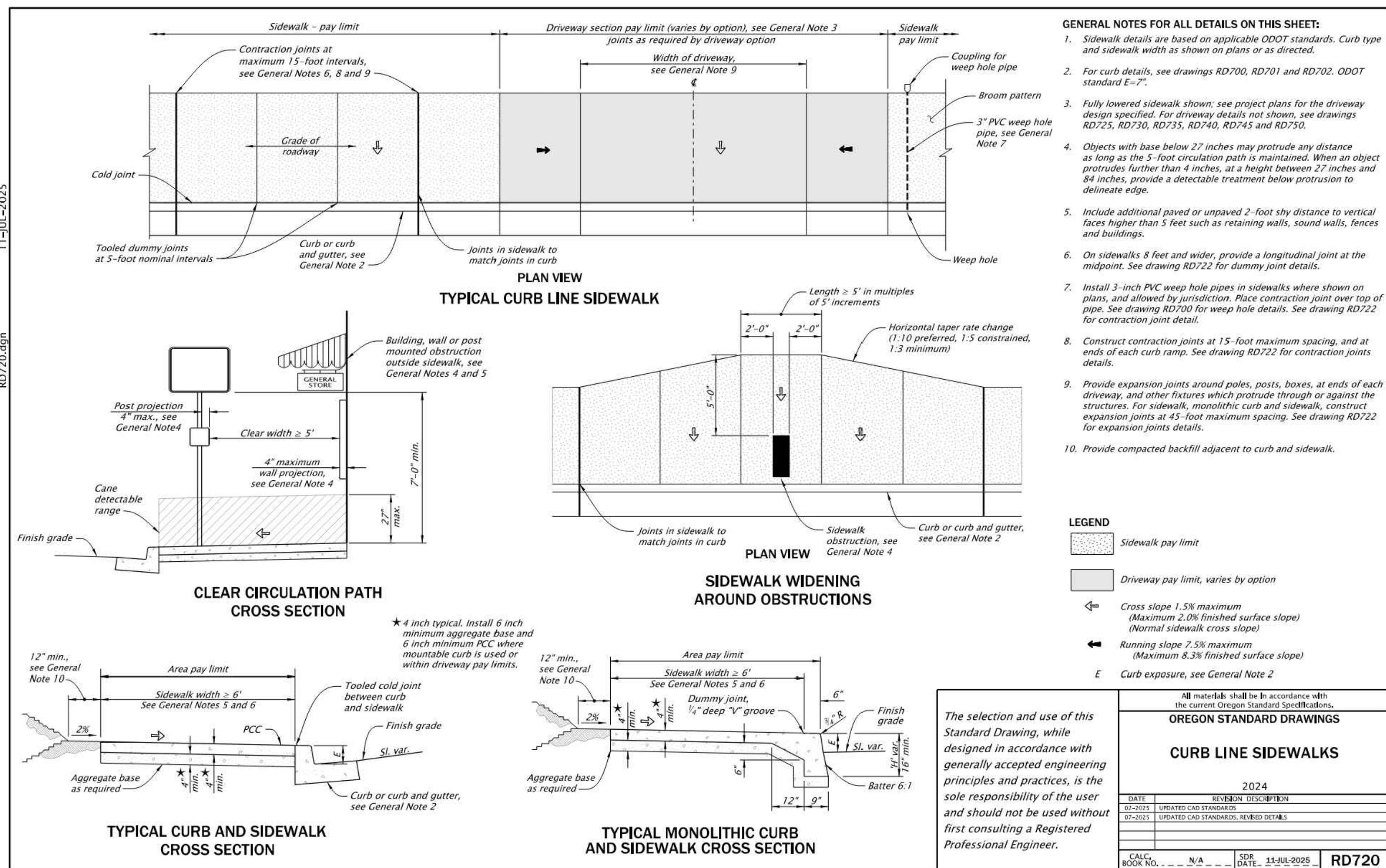
## CIVIL DETAILS

## C4.10

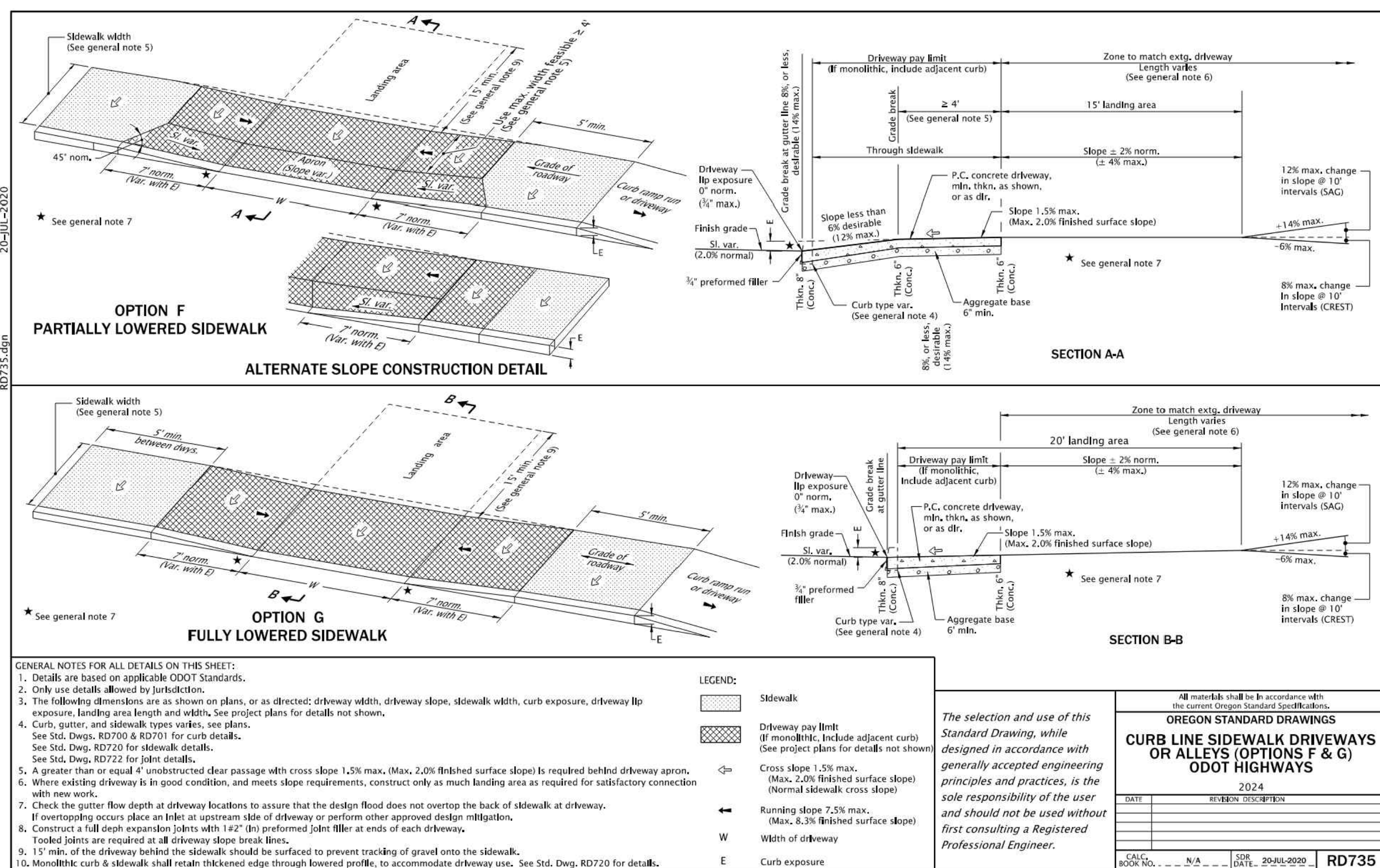




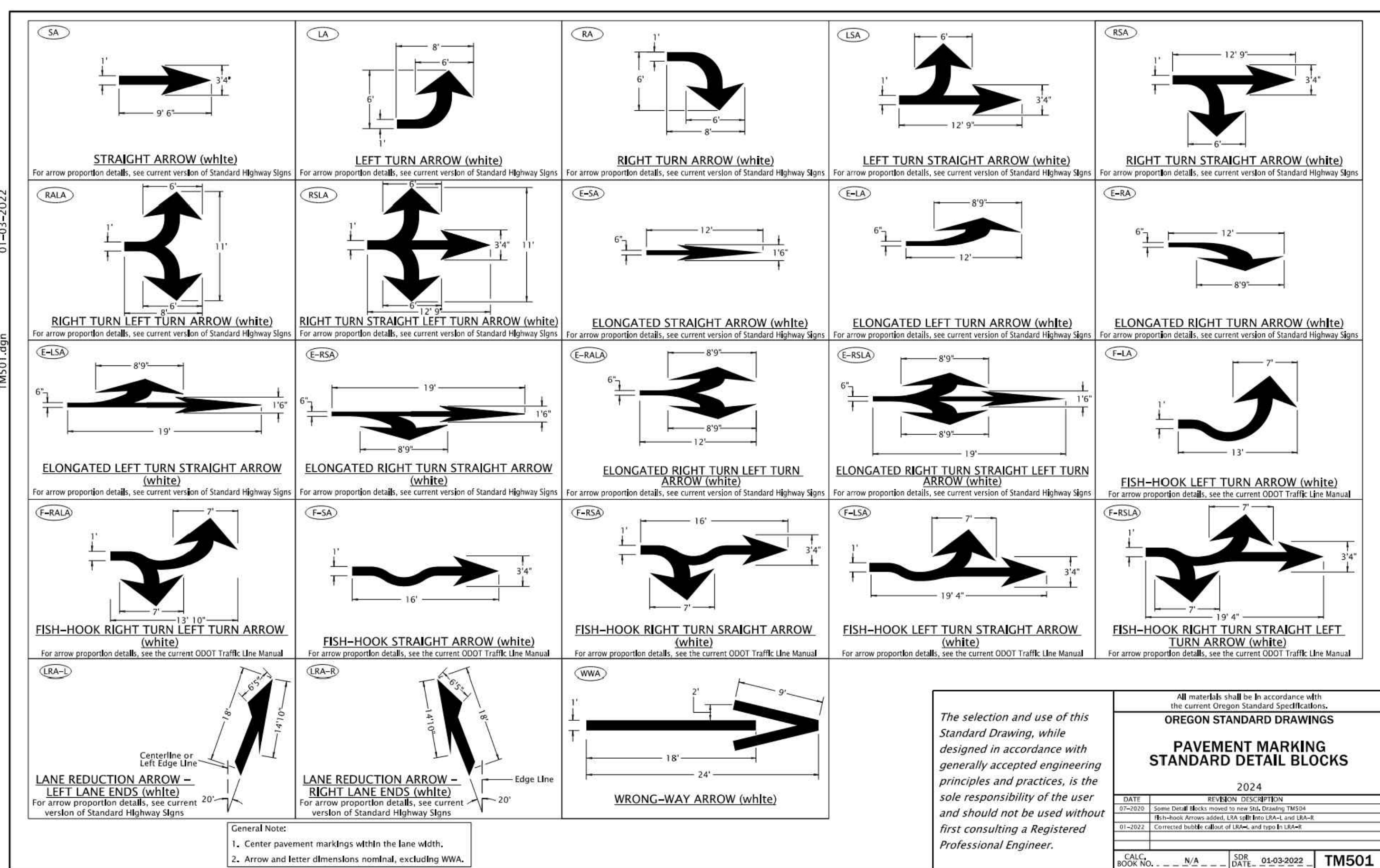
Effective Date: December 1, 2025 – May 31, 2026



Effective Date: December 1, 2025 – May 31, 2026

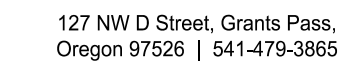


Effective Date: December 1, 2025 – May 31, 2026



Effective Date: December 1, 2025 – May 31, 2026





**RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS**



FOR INFORMATION ONLY

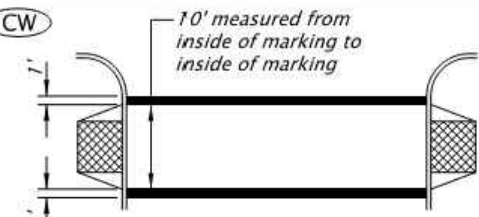
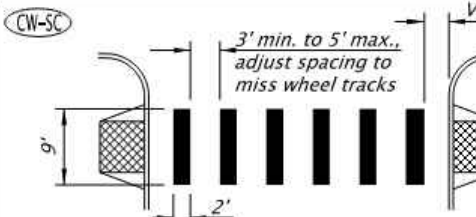
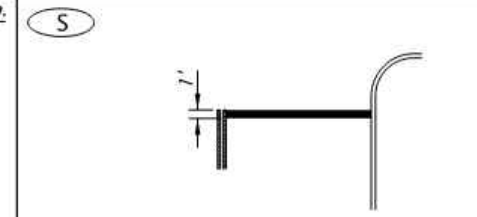
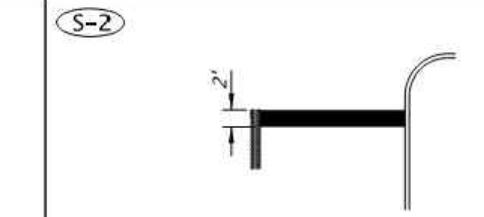
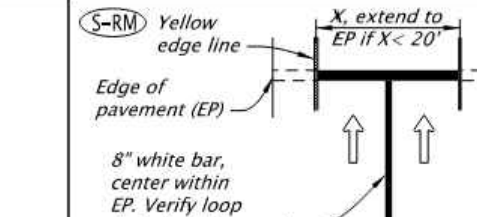
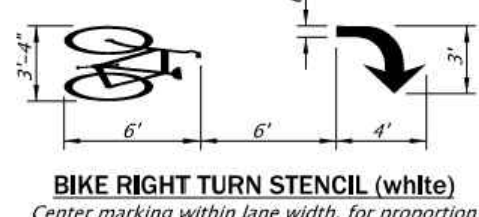
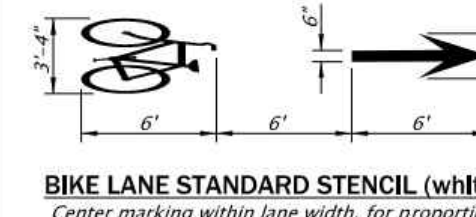
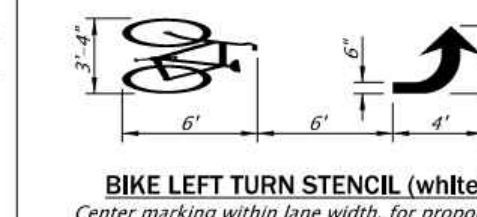
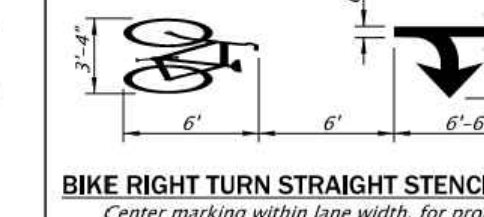
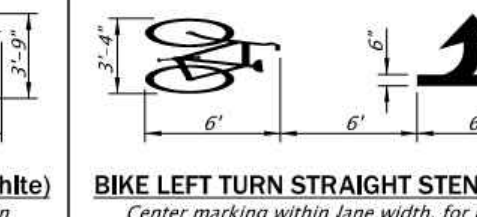
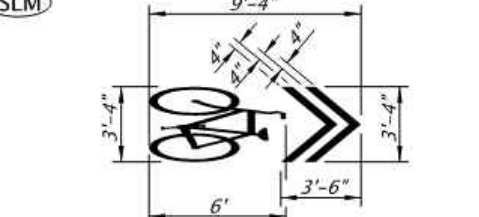
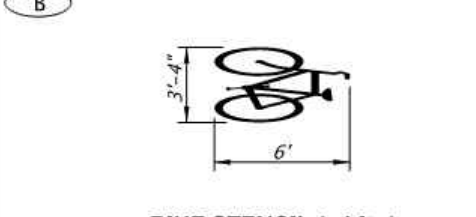
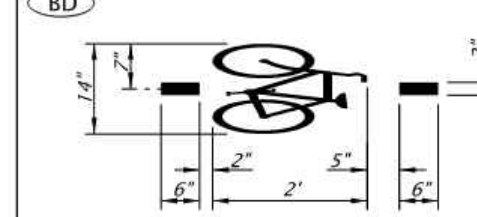
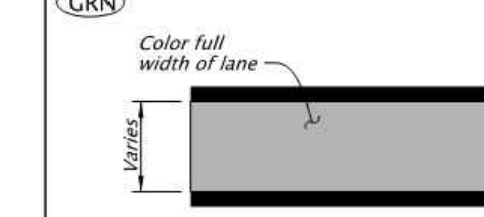
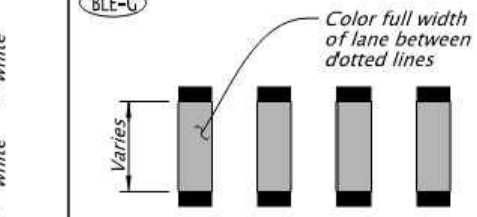
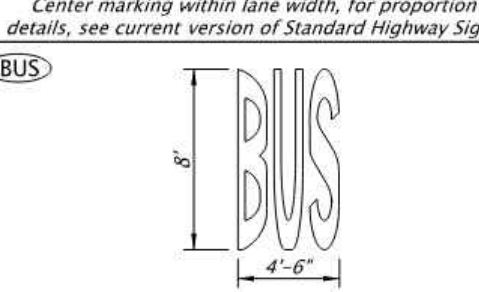
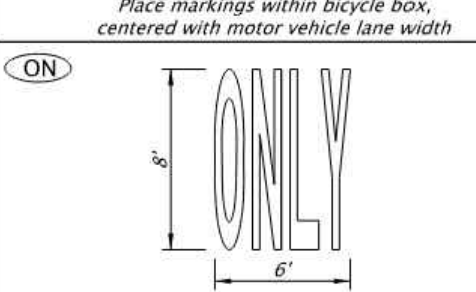
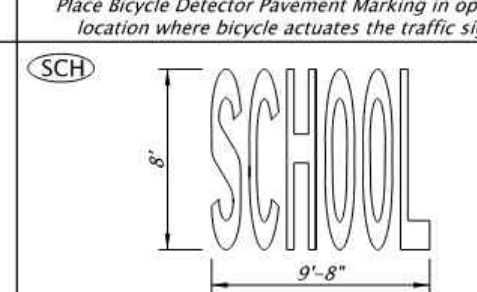
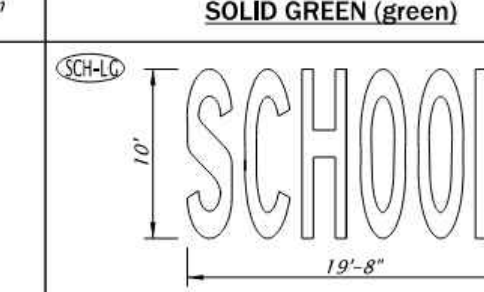
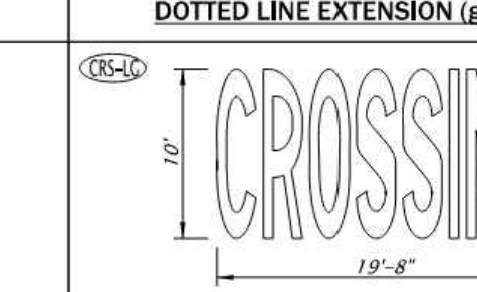
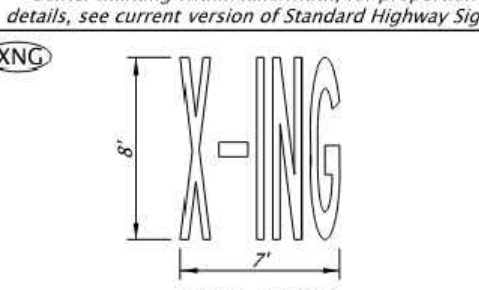
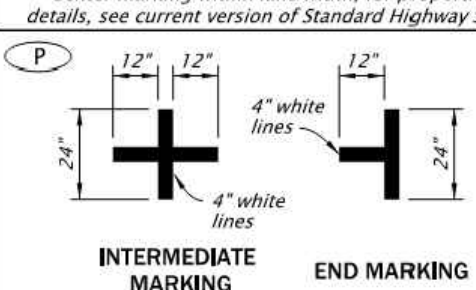

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## C5.10

## C5.10

BID &amp; PERMIT SET | NOT FOR CONSTRUCTION

11-00-2025  
TMS503.dgn

<div><div>CW</div><div></div><div><div>STANDARD CROSSWALK TWO 4' WHITE BARS</div><div>Install per Standard Drawing TMS30</div></div></div>	<div><div>CW-S</div><div></div><div><div>STAGGERED CONTINENTAL CROSSWALK 2' WHITE BARS</div><div>Install per Standard Drawing TMS30</div></div></div>	<div><div>S</div><div></div><div><div>STOP BAR 1' WHITE BAR</div><div>Install per Standard Drawing TMS30</div></div></div>	<div><div>S-2</div><div></div><div><div>STOP BAR - LARGE 2' WHITE BAR</div><div>Install per Standard Drawing TMS30</div></div></div>	<div><div>S-RM</div><div></div><div><div>RAMP METER STOP BAR 1' AND 8' WHITE BARS</div><div>For multi-lane ramp meter applications</div></div></div>
<div><div>BR</div><div></div><div><div>BIKE RIGHT TURN STENCIL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>BS</div><div></div><div><div>BIKE LANE STANDARD STENCIL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>BL</div><div></div><div><div>BIKE LEFT TURN STENCIL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>BR-S</div><div></div><div><div>BIKE RIGHT TURN STRAIGHT STENCIL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>BL-S</div><div></div><div><div>BIKE LEFT TURN STRAIGHT STENCIL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>
<div><div>SLM</div><div></div><div><div>SHARED LANE MARKING (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>B</div><div></div><div><div>BIKE STENCIL (white)</div><div>Used for Intersection Bicycle Box applications. Place markings within bicycle box, centered with motor vehicle lane width</div></div></div>	<div><div>BD</div><div></div><div><div>BICYCLE DETECTOR MARKING (white)</div><div>Place Bicycle Detector Pavement Marking in optimum location where bicycle actuates the traffic signal</div></div></div>	<div><div>GRN</div><div></div><div><div>GREEN SUPPLEMENTAL BICYCLE LANE SOLID GREEN (green)</div></div></div>	<div><div>GRN-D</div><div></div><div><div>GREEN SUPPLEMENTAL BICYCLE LANE DOTTED LINE EXTENSION (green)</div></div></div>
<div><div>BUS</div><div></div><div><div>BUS (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>ON</div><div></div><div><div>ONLY (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>SCH</div><div></div><div><div>SCHOOL (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>SCH-L</div><div></div><div><div>SCHOOL LARGE (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>CRS-L</div><div></div><div><div>CROSSING - LARGE (white)</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>
<div><div>X-ING</div><div></div><div><div>X-ING - WHITE</div><div>Center marking within lane width, for proportion details, see current version of Standard Highway Signs</div></div></div>	<div><div>P</div><div></div><div><div>INTERMEDIATE MARKING</div><div>END MARKING</div><div>ON-STREET PARKING DETAIL - WHITE</div></div></div>	<div><div>GENERAL NOTES:</div><div>1. Arrow, letter, and bicycle symbol dimensions nominal.</div><div><div>LEGEND</div><div> Direction of Travel</div></div></div>	<div><div>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.</div></div>	<div><div>OREGON STANDARD DRAWINGS</div><div>PAVEMENT MARKING STANDARD DETAIL BLOCKS</div><div>2024</div><div><div>DATE</div><div>REVISION DESCRIPTION</div></div><div><div>02-2022</div><div>ADDED NOTE FOR MEASUREMENT OF STANDARD CROSSWALKS</div></div><div><div>07-2022</div><div>REPLACED DELTAED WITH DELTAED SYMBOL WITH BICYCLE SYMBOL</div></div><div><div>07-2022</div><div>REVISED FOR STANDARD</div></div><div><div>SCALE</div><div>N/A</div></div><div><div>SDP</div><div>11-08-2025</div></div></div>

TMS503

Effective Date: December 1, 2025 – May 31, 2026

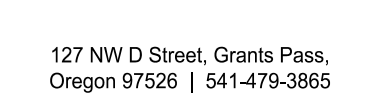






1. INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES.

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.



# RILEY CREEK ELEMENTARY SCHOOL PARKING LOT IMPROVEMENTS

PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

## C6.01





LEGEND

EXISTING

LINE TYPES:

LIMITS OF WORK (±1.00 ACRES)

PROPERTY LINE

SURFACE CONTOUR - MAJOR

SURFACE CONTOUR - MINOR

CURB

EASEMENT

FENCING

COMMUNICATION - BURIED

NATURAL GAS

POWER - BURIED

POWER - OVERHEAD

SANITARY SEWER - GRAVITY

STORM SEWER

WATER - POTABLE

SYMBOLS:

POWER/UTILITY POLE

SITE LIGHT

PROPANE TANK

SANITARY SEWER MANHOLE

SANITARY SEWER CLEANOUT

STORM DRAIN MANHOLE

CATCH BASIN

CURB INLET

ROOF DOWNSPOUT

WATER METER

WATER VALVE

FIRE HYDRANT

HEAT PUMP

BOLLARD

FLAG POLE

SIGN

TREE

**PHASE CONSTRUCTION NOTES:**

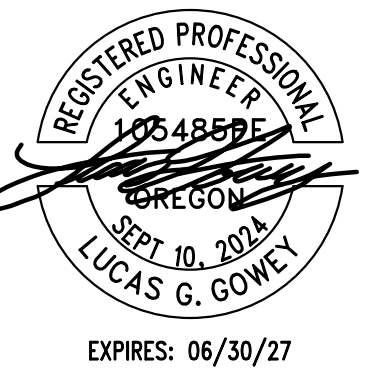
- THE EXISTING SITE CONSISTS OF A MAIN SCHOOL BUILDING, MAINTENANCE BUILDING, AND ASPHALT PARKING LOT. THE SITE DRAINS TO THE SOUTHWEST.



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CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



REVISION ID:	DATE:
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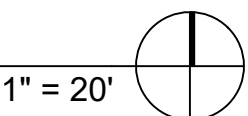
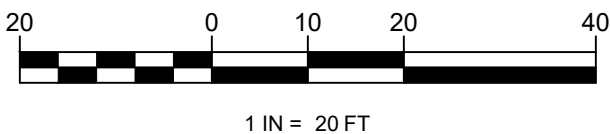
ESCP -  
EXISTING  
CONDITIONS

C6.10

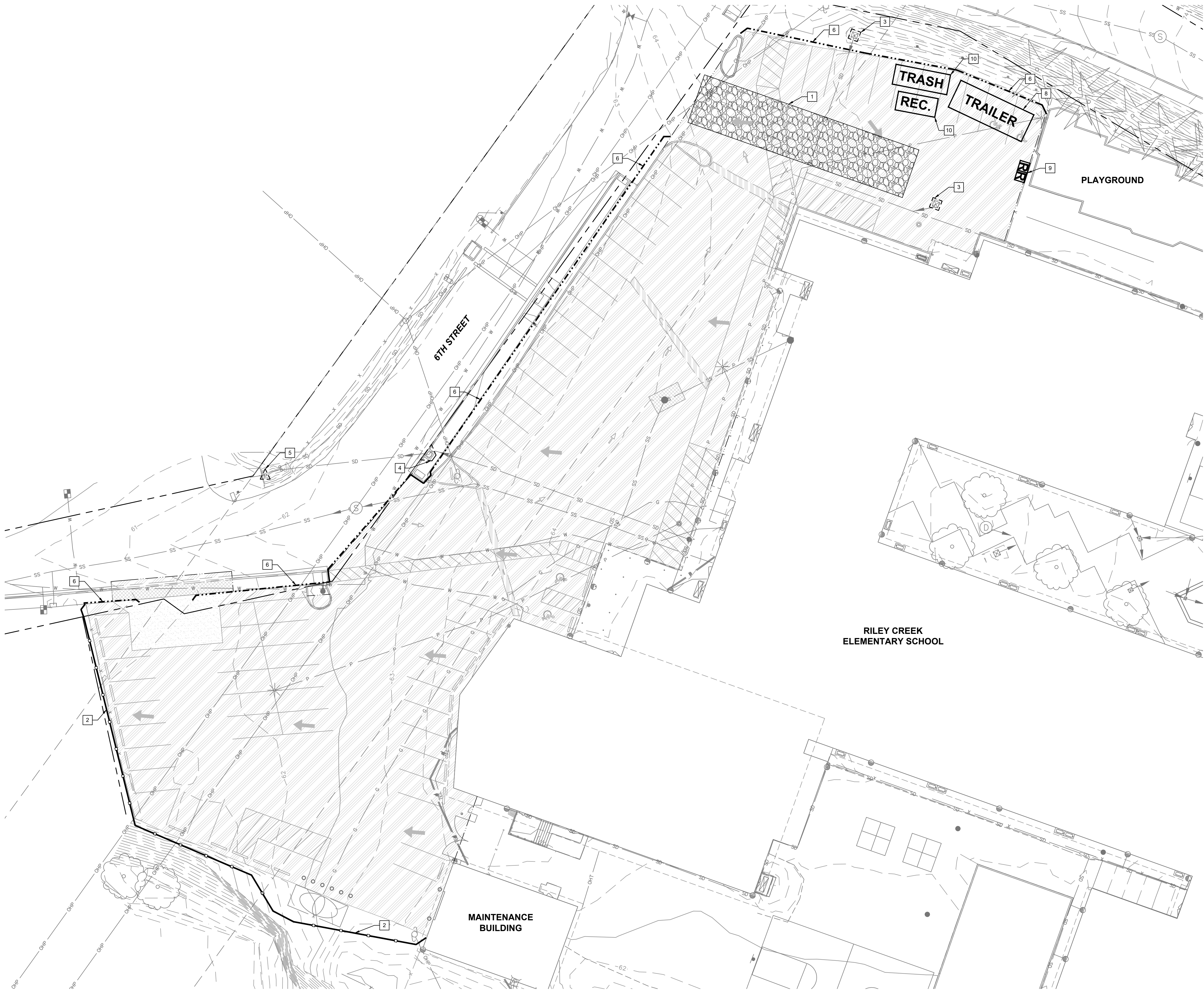
BID & PERMIT SET | NOT FOR CONSTRUCTION

ONE INCH EQUALS FULL SCALE

1 ESCP - EXISTING CONDITIONS  
C6.10







**LEGEND**

**PHASE SPECIFIC CONSTRUCTION**

**HATCHES & LINE TYPES:**

ASPHALT PAVEMENT TO BE REMOVED

CONCRETE PAVEMENT TO BE REMOVED

GRAVEL PAVEMENT TO BE REMOVED

EXISTING UTILITY TO REMAIN

61.0

EXISTING GROUND CONTOUR (0.5 FT)

62.5

EXISTING GROUND CONTOUR (2.5 FT)

SAW-CUT

**EROSION AND SEDIMENT CONTROL****HATCHES & LINE TYPES:**TEMP. CONSTRUCTION ENTRANCESEDIMENT FENCEWATTLE**SYMBOLS:**

TRAILER

CONSTRUCTION JOB TRAILER

TRASH

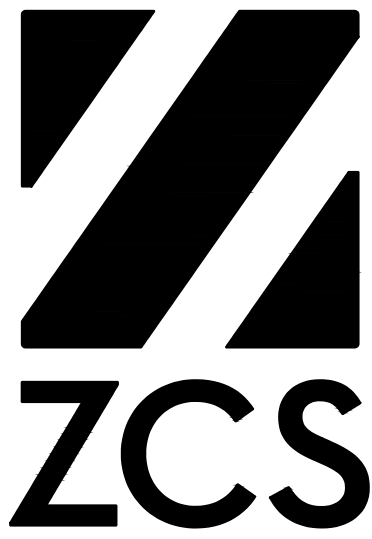
TRASH BIN

REC.

RECYCLING BINPORTABLE RESTROOMINLET PROTECTION - CATCH BASININLET PROTECTION - CURB INLETINLET PROTECTION - CULVERTEXISTING DRAINAGE FLOW DIRECTION

- PHASE CONSTRUCTION NOTES:**
- HARDSCAPE SURFACES TO BE SAWCUT AND REMOVED FROM SITE AND RECYCLED AS APPROPRIATE.
  - CONSTRUCTION ENTRANCE TO BE INSTALLED.
  - PERIMETER SEDIMENT FENCE TO BE INSTALLED.
  - INLET PROTECTION INSTALLED AT ALL EXISTING CATCH BASINS, CURB INLETS, AND CULVERTS.
  - ALL CONSTRUCTION MATERIALS THAT COULD CREATE POLLUTION IF SPILLED SHALL BE STORED IN A SECURE, COVERED LOCATION WHEN NOT IN IMMEDIATE USE. LOCATION MAY BE AT PRIMARY STAGING AREA OR SUBCONTRACTOR STAGING AREA. SPILL PREVENTION KITS AND OTHER SPILL CONTAINMENT DEVICES INCLUDING WATTLES, ABSORBENT SOCKS, ORGANIC OIL ABSORBENT AGENT, ETC. SHALL BE KEPT ONSITE, WITH POTENTIAL POLLUTANT GENERATING MATERIALS. IN CASE OF SPILLS FROM PORTABLE RESTROOMS, REFER TO SPILL PLAN.

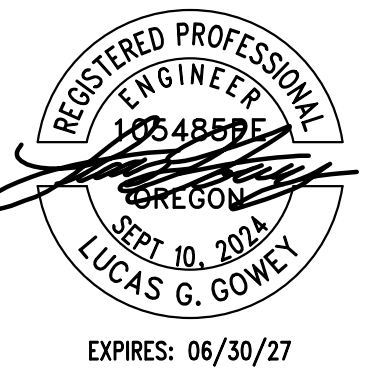
- EROSION CONTROL NOTES:**
- EROSION AND SEDIMENT CONTROL NOTES:**
- CONSTRUCTION ENTRANCE PER ODOT RD1000/C4.50.
  - PERIMETER SEDIMENT FENCE PER ODOT RD1040/C4.60.
  - 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 7' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C4.50.
  - 'TYPE 8' SEDIMENT BARRIER PER ODOT RD1032/C4.50.
  - APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
  - FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
  - FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.



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CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



REVISION ID:	DATE:
PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

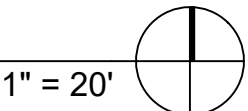
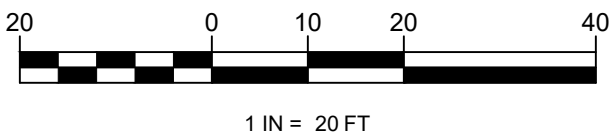
ESCP -  
DEMOLITION AND  
CLEARING PHASE

C6.20

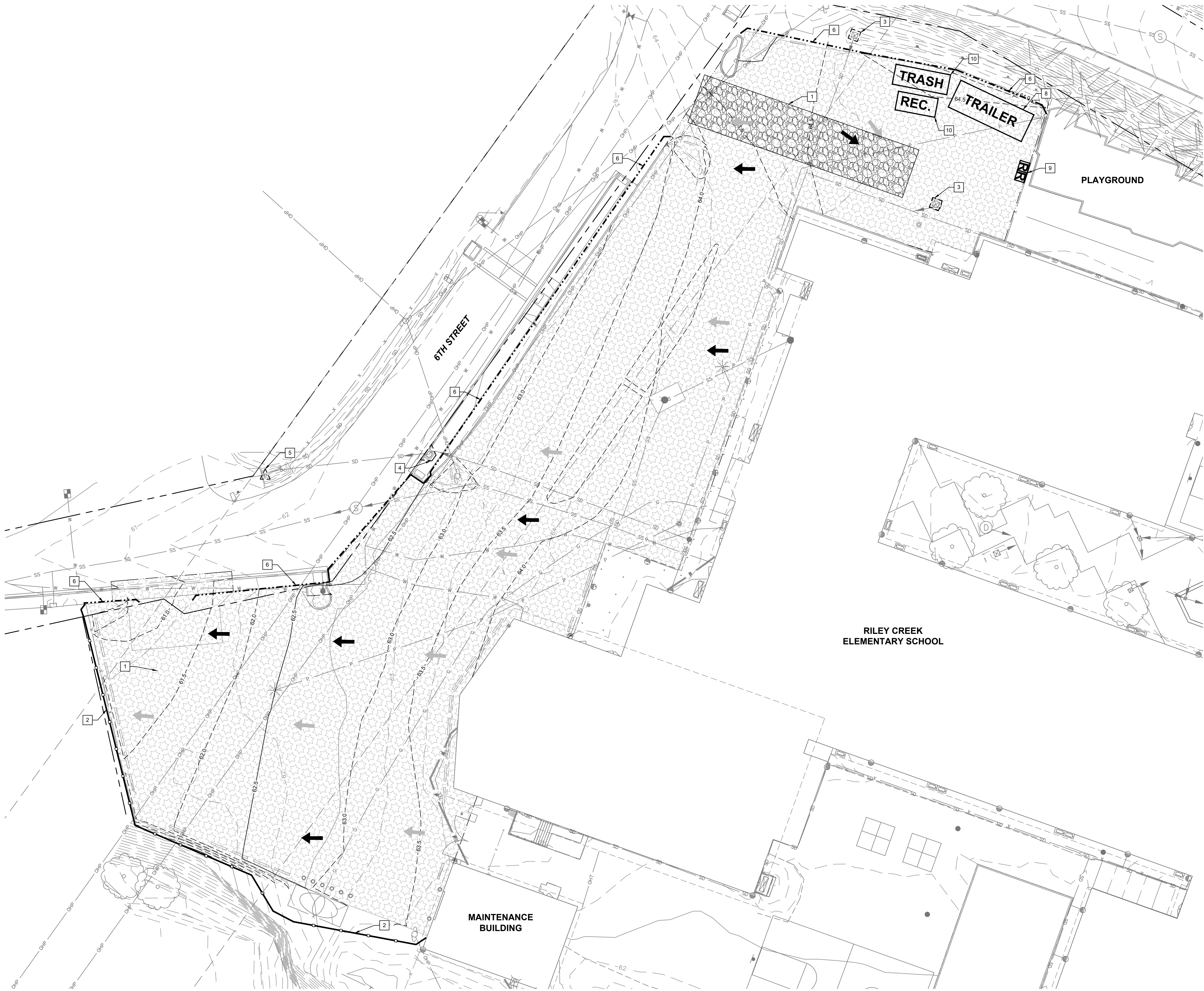
BID & PERMIT SET | NOT FOR CONSTRUCTION

ONE INCH EQUALS FULL SCALE

1 ESCP - DEMOLITION AND CLEARING PHASE  
C6.20







**LEGEND**

**PHASE SPECIFIC CONSTRUCTION**

**HATCHES & LINE TYPES:**

LIMITS OF MASS GRADING

 EXISTING UTILITY TO REMAIN**EROSION AND SEDIMENT CONTROL****HATCHES & LINE TYPES:** TEMP. CONSTRUCTION ENTRANCE**SYMBOLS:** CONSTRUCTION JOB TRAILER

- PHASE CONSTRUCTION NOTES:**
- MASS GRADING TO OCCUR ACROSS LIMITS OF WORK IN PREPARATION FOR NEW RILEY CREEK ELEMENTARY SCHOOL PARKING LOT.
  - CONTOURS SHOWN ARE TO FINISHED GRADE.
  - ALL CONSTRUCTION MATERIALS THAT COULD CREATE POLLUTION IF SPILLED SHALL BE STORED IN A SECURE, COVERED LOCATION WHEN NOT IN IMMEDIATE USE. LOCATION MAY BE AT PRIMARY STAGING AREA OR SUBCONTRACTOR STAGING AREA. SPILL PREVENTION KITS AND OTHER SPILL CONTAINMENT DEVICES INCLUDING WATTLES, ABSORBENT SOCKS, ORGANIC OIL ABSORBENT AGENT, ETC. SHALL BE KEPT ONSITE, WITH POTENTIAL POLLUTANT GENERATING MATERIALS. IN CASE OF SPILLS FROM PORTABLE RESTROOMS, REFER TO SPILL PLAN.
  - CUT AND FILL DATA:  
CUT: ±55 CY  
FILL: ±216 CY  
NET ADJUSTED: ±161 CY (FILL)

- EROSION CONTROL NOTES:**
- EROSION AND SEDIMENT CONTROL NOTES:**
- CONSTRUCTION ENTRANCE PER ODOT RD1000/C4.50.
  - PERIMETER SEDIMENT FENCE PER ODOT RD1040/C4.60.
  - 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 7' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C4.50.
  - 'TYPE 8' SEDIMENT BARRIER PER ODOT RD1032/C4.50.
  - APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
  - FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
  - FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.



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CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



EXPIRES: 06/30/27

REVISION ID:	DATE:
PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

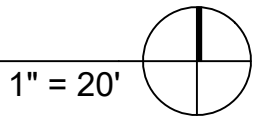
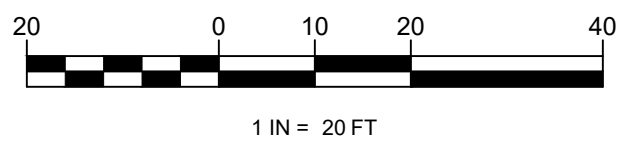
ESCP -  
MASS GRADING  
PHASE

**C6.30**

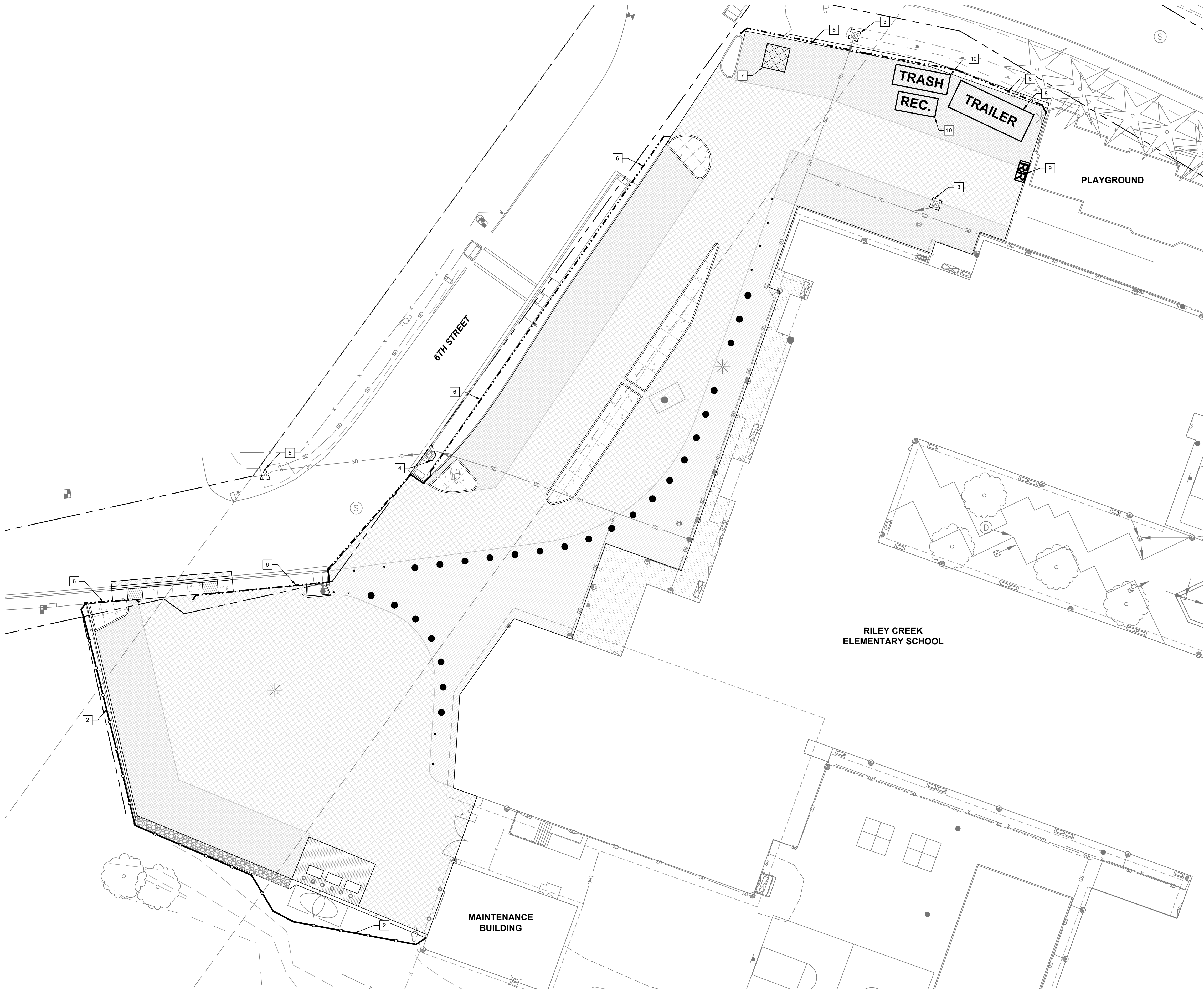
BID & PERMIT SET | NOT FOR CONSTRUCTION

ONE INCH EQUALS FULL SCALE

1  
C6.30  
**ESCP - MASS GRADING PHASE**







LEGEND	
PHASE SPECIFIC CONSTRUCTION	
HATCHES & LINE TYPES:	
	ASPHALT PAVING - HEAVY DUTY
	ASPHALT PAVING - STANDARD DUTY
	ASPHALT PAVING - PEDESTRIAN
	REINFORCED CONCRETE PAVING
	CONCRETE SIDEWALK
	CURB
EROSION AND SEDIMENT CONTROL	
HATCHES & LINE TYPES:	
	SEDIMENT FENCE
	WATTLE
SYMBOLS:	
	CONSTRUCTION JOB TRAILER
	TRASH BIN
	RECYCLING BIN
	PORTABLE RESTROOM
	CONCRETE WASH PIT
	INLET PROTECTION - CATCH BASIN
	INLET PROTECTION - CURB INLET
	INLET PROTECTION - CULVERT

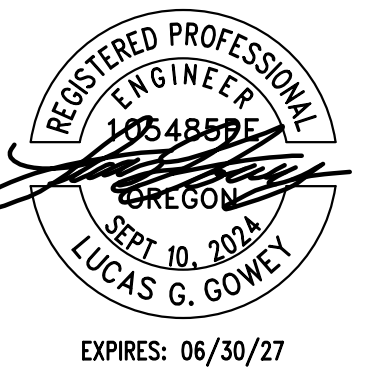
- PHASE CONSTRUCTION NOTES:**
- INSTALLATION OF CURBS, ASPHALT ROADWAY AND PARKING AREAS, REINFORCED CONCRETE, SIDEWALKS, DRIVEWAY APRON, AND GRAVEL SHOULDER.
  - REMOVAL OF CONSTRUCTION ENTRANCE.
  - CONTRACTOR DEMOBILIZATION FROM SITE AND REMOVAL OF ALL TEMPORARY GRAVEL STAGING AREAS, TRAILERS, STORAGE CONTAINERS, TRASH BINS, RECYCLING BINS, PORTABLE RESTROOMS, AND STOCKPILED MATERIALS SHALL OCCUR PRIOR TO END OF THIS PHASE.
  - REMOVAL OF ALL REMAINING EROSION CONTROL MEASURES INCLUDING SEDIMENT FENCE, SEDIMENT BARRIER, AND INLET PROTECTION TO OCCUR AFTER PERMANENT STABILIZATION.
  - ALL CONSTRUCTION MATERIALS THAT COULD CREATE POLLUTION IF SPILLED SHALL BE STORED IN A SECURE, COVERED LOCATION WHEN NOT IN IMMEDIATE USE. LOCATION MAY BE AT PRIMARY STAGING AREA OR SUBCONTRACTOR STAGING AREA. SPILL PREVENTION KITS AND OTHER SPILL CONTAINMENT DEVICES INCLUDING WATTLES, ABSORBENT SOCKS, ORGANIC OIL ABSORBENT AGENT, ETC. SHALL BE KEPT ONSITE, WITH POTENTIAL POLLUTANT GENERATING MATERIALS. IN CASE OF SPILLS FROM PORTABLE RESTROOMS, REFER TO SPILL PLAN.

- EROSION CONTROL NOTES:**
- EROSION AND SEDIMENT CONTROL NOTES:**
- PERIMETER SEDIMENT FENCE PER ODOT RD1040/C4.60.
  - 'TYPE 3' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 7' INLET PROTECTION PER ODOT RD1010/C4.50.
  - 'TYPE 4' INLET PROTECTION PER ODOT RD1015/C4.50.
  - 'TYPE 8' SEDIMENT BARRIER PER ODOT RD1032/C4.50.
  - CONCRETE TRUCK WASH OUT PER ODOT RD1070/C4.60.
  - APPROXIMATE LOCATION OF CONTRACTOR LAYDOWN, TRAILER, AND PARKING.
  - FURNISH AND MAINTAIN TEMPORARY RESTROOM FACILITIES. ALL TEMPORARY FACILITIES TO BE 30' MINIMUM FROM NEAREST CATCH BASIN.
  - FURNISH AND MAINTAIN TEMPORARY TRASH AND RECYCLING FACILITIES WITH LIDS.



CENTRAL CURRY  
SCHOOL DISTRICT

RILEY CREEK  
ELEMENTARY  
SCHOOL  
PARKING LOT  
IMPROVEMENTS



REVISION ID:	DATE:
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DATE:	02/20/2026

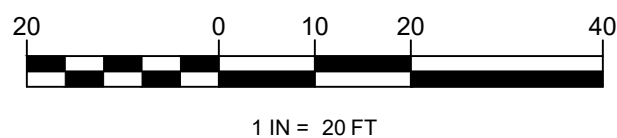
ESCP -  
PAVING AND  
FLATWORK PHASE

**C6.40**

BID & PERMIT SET | NOT FOR CONSTRUCTION

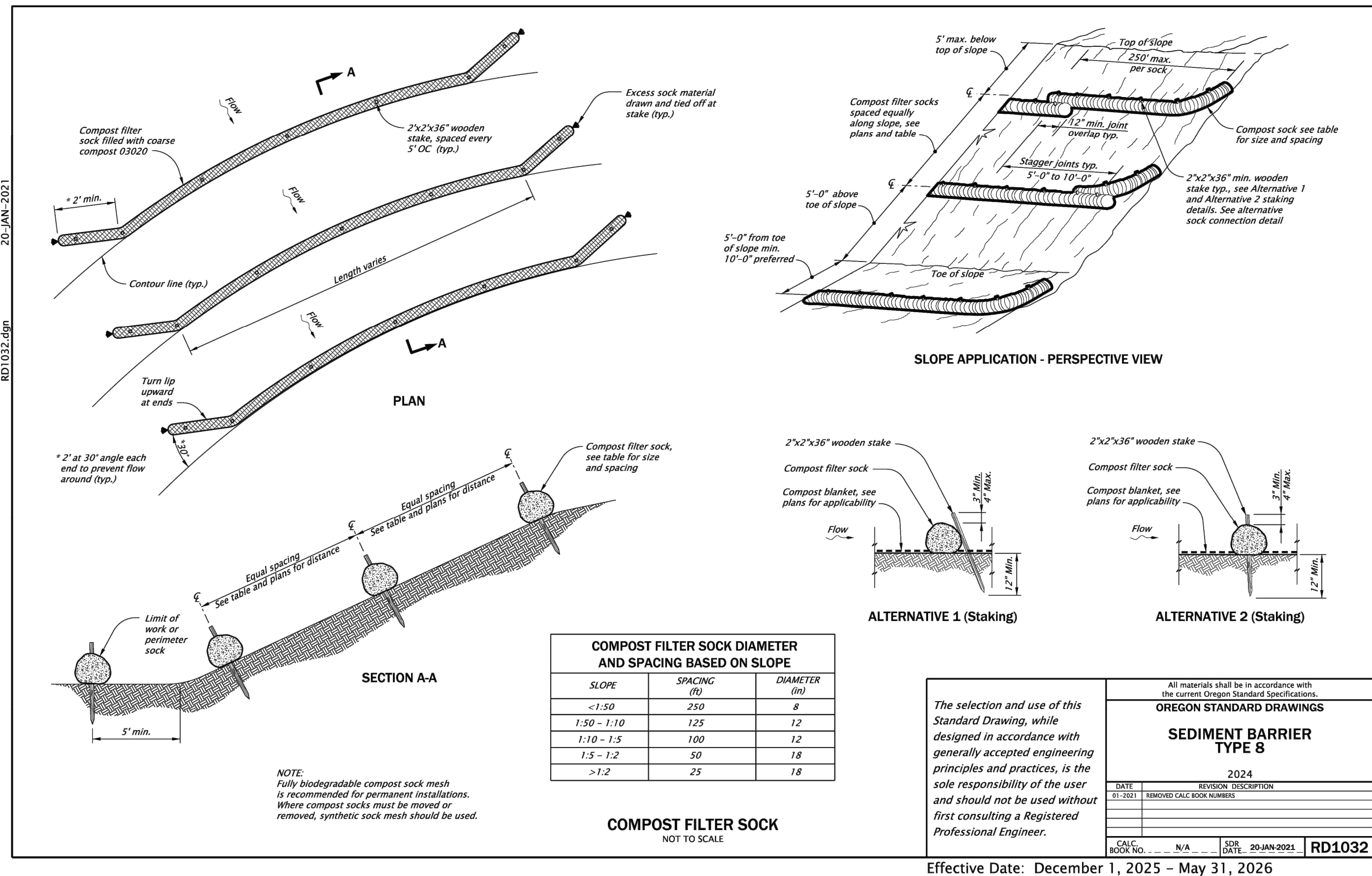
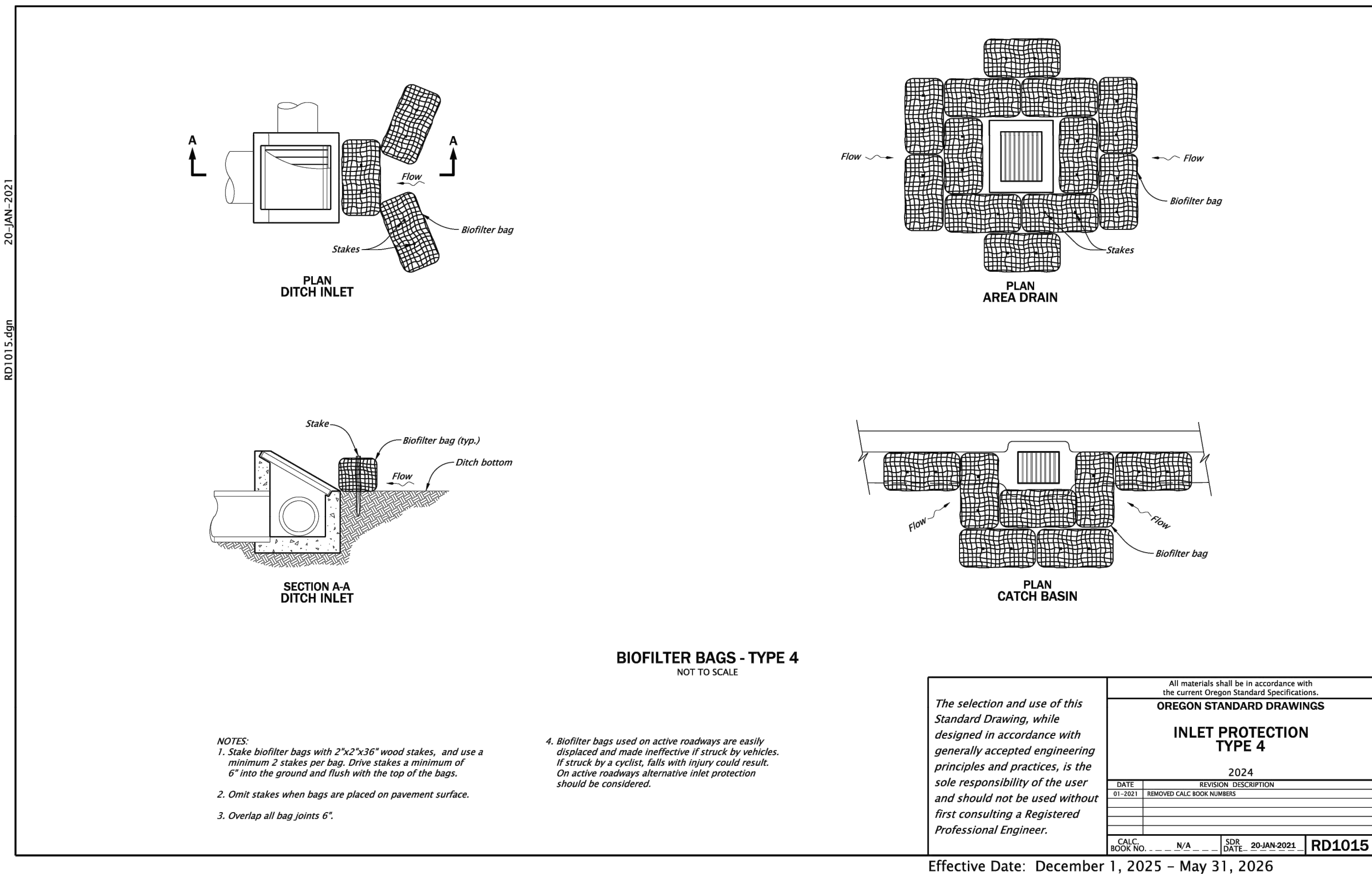
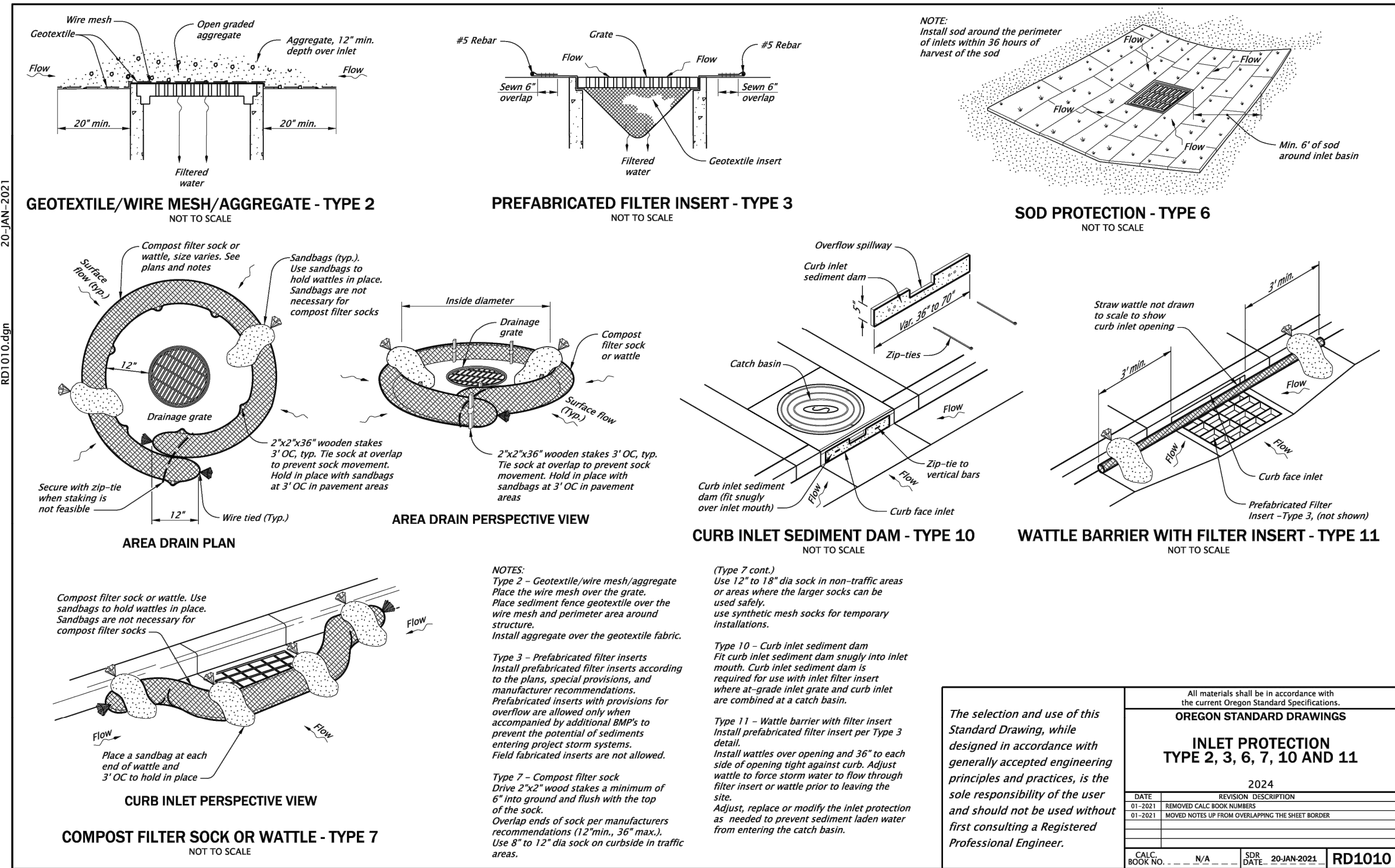
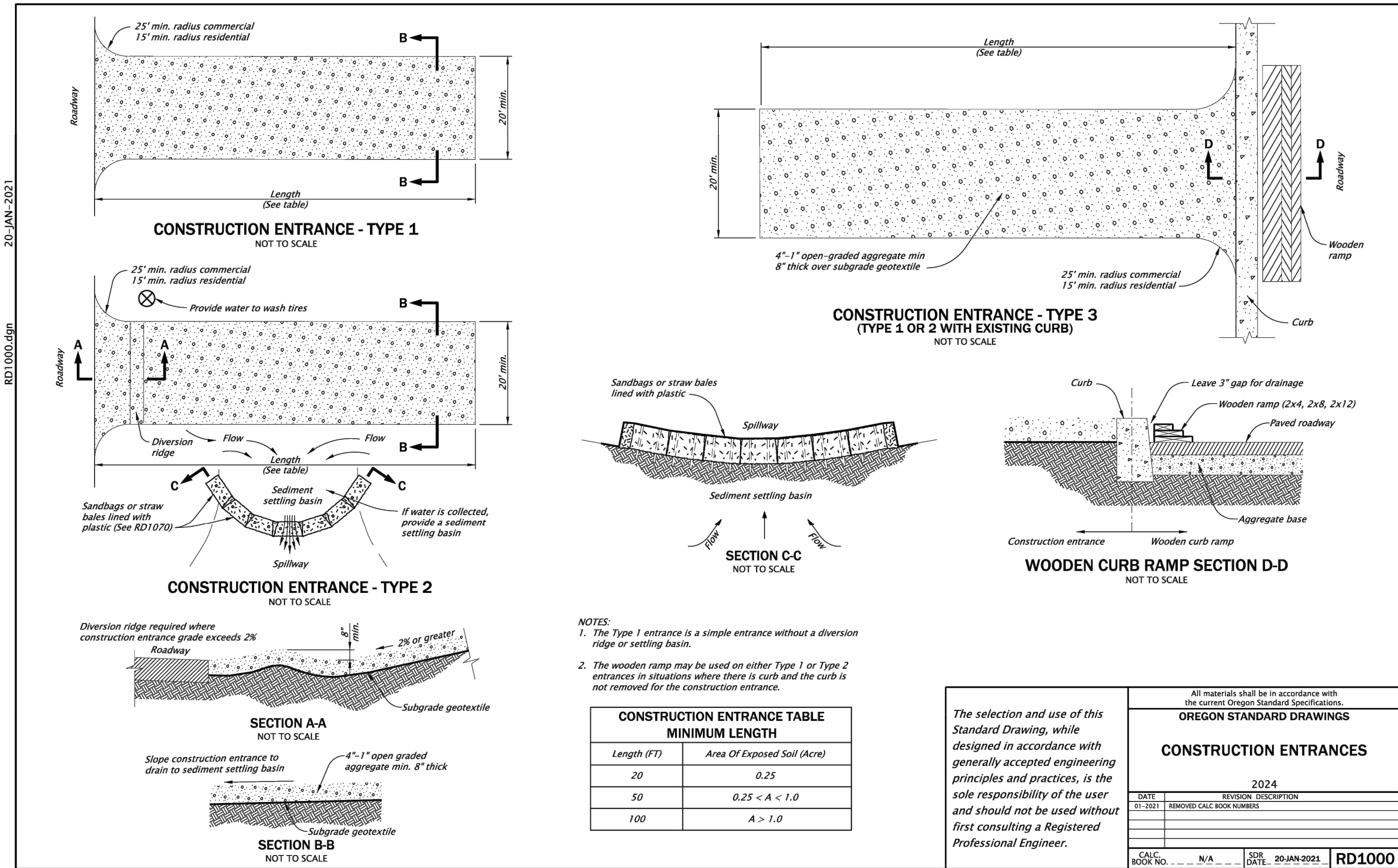
ONE INCH EQUALS FULL SCALE

1 ESCP - PAVING AND FLATWORK PHASE  
C6.40

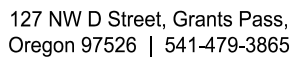


1" = 20'

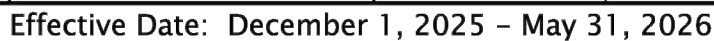
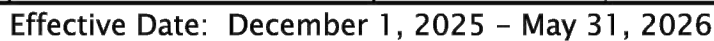








# WILEY CREEK ELEMENTARY SCHOOL PARKING LOT IMPROVEMENTS



REVISION ID:	DATE:
PROJECT NO:	G-1710-26
DRAWN:	LRS
CHECKED:	MKW
DATE:	02/20/2026

## C6.51

BID &amp; PERMIT SET | NOT FOR CONSTRUCTION