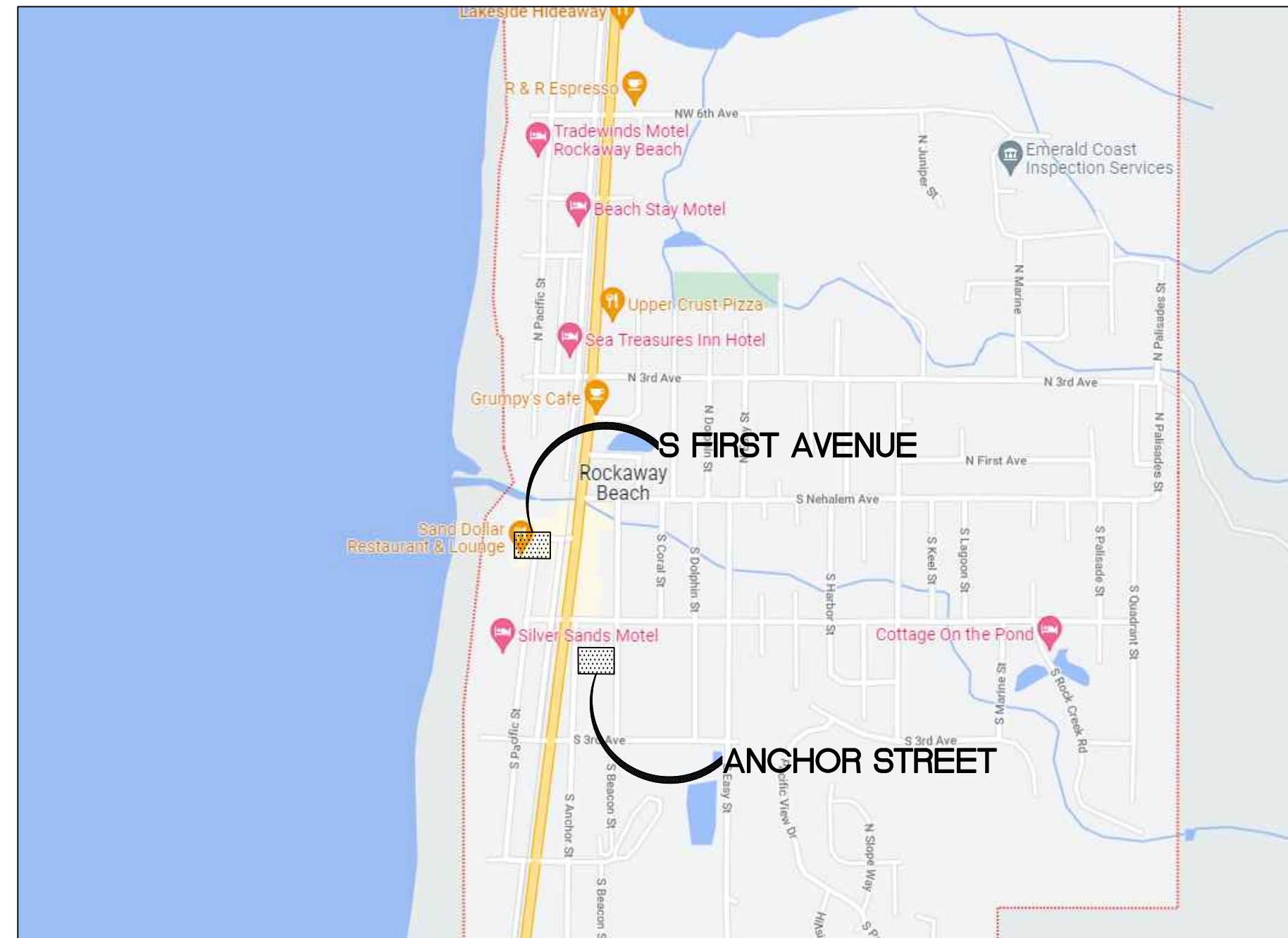
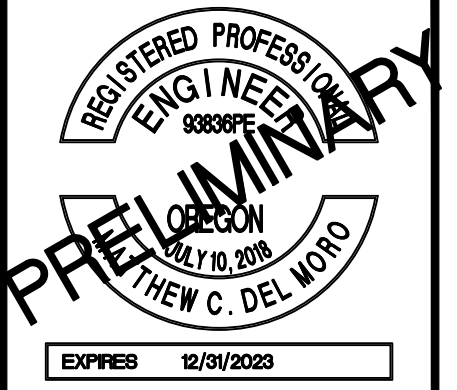


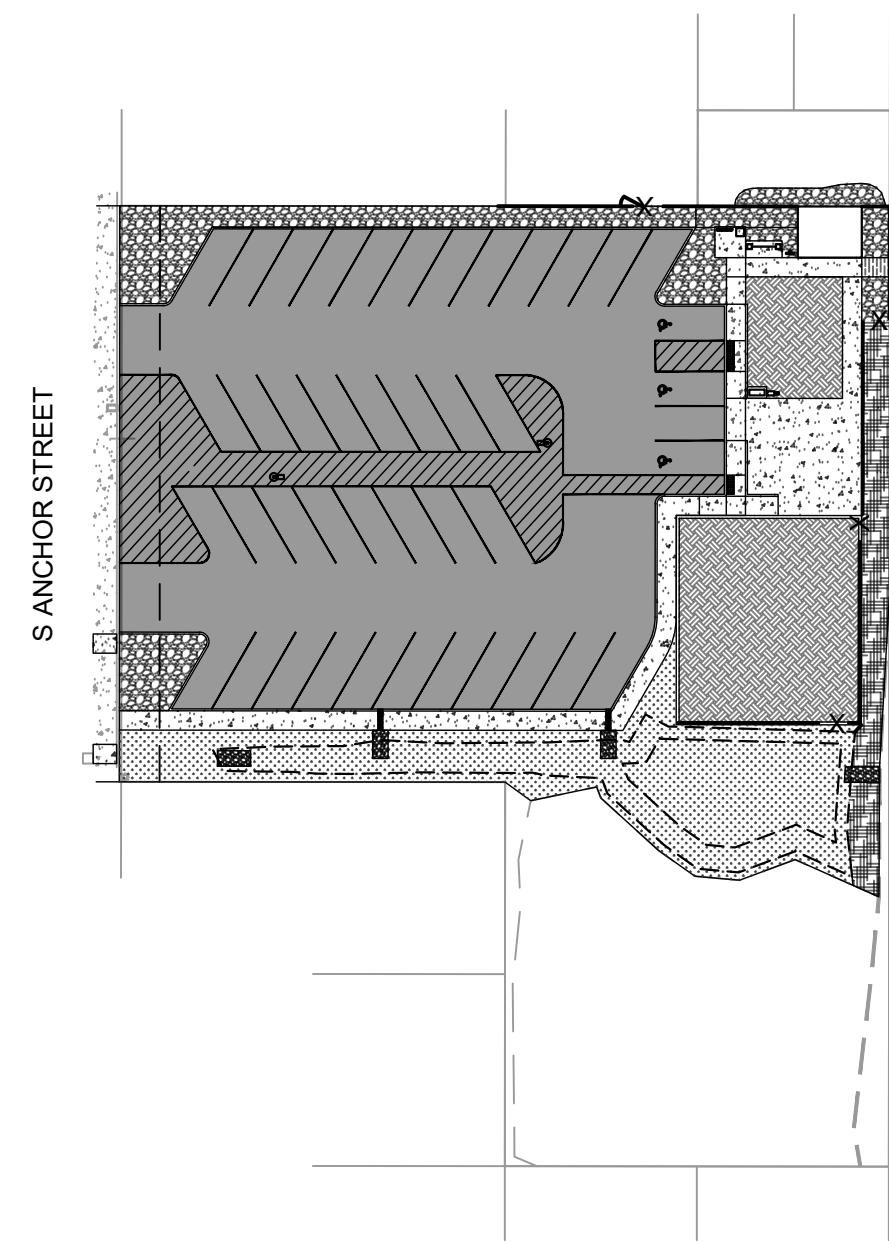
ANCHOR ST PARK & WAYSIDE RESTROOM

ROCKAWAY BEACH, OREGON



VICINITY MAP

NTS



ANCHOR STREET SITE PLAN

1" = 50'



OWNER/DEVELOPER

CITY OF ROCKAWAY BEACH
276 HWY 101
ROCKAWAY BEACH, OR 97136

CIVIL ENGINEER

HBH CONSULTING ENGINEERS, INC.
501 E FIRST STREET
NEWBERG, OREGON 97132
CONTACT: MATTHEW DEL MORO, PE
PH: (503) 554-9553
FAX: (503) 537-9554
EMAIL: MDELMORO@HBH-CONSULTING.COM

PROJECT INFORMATION

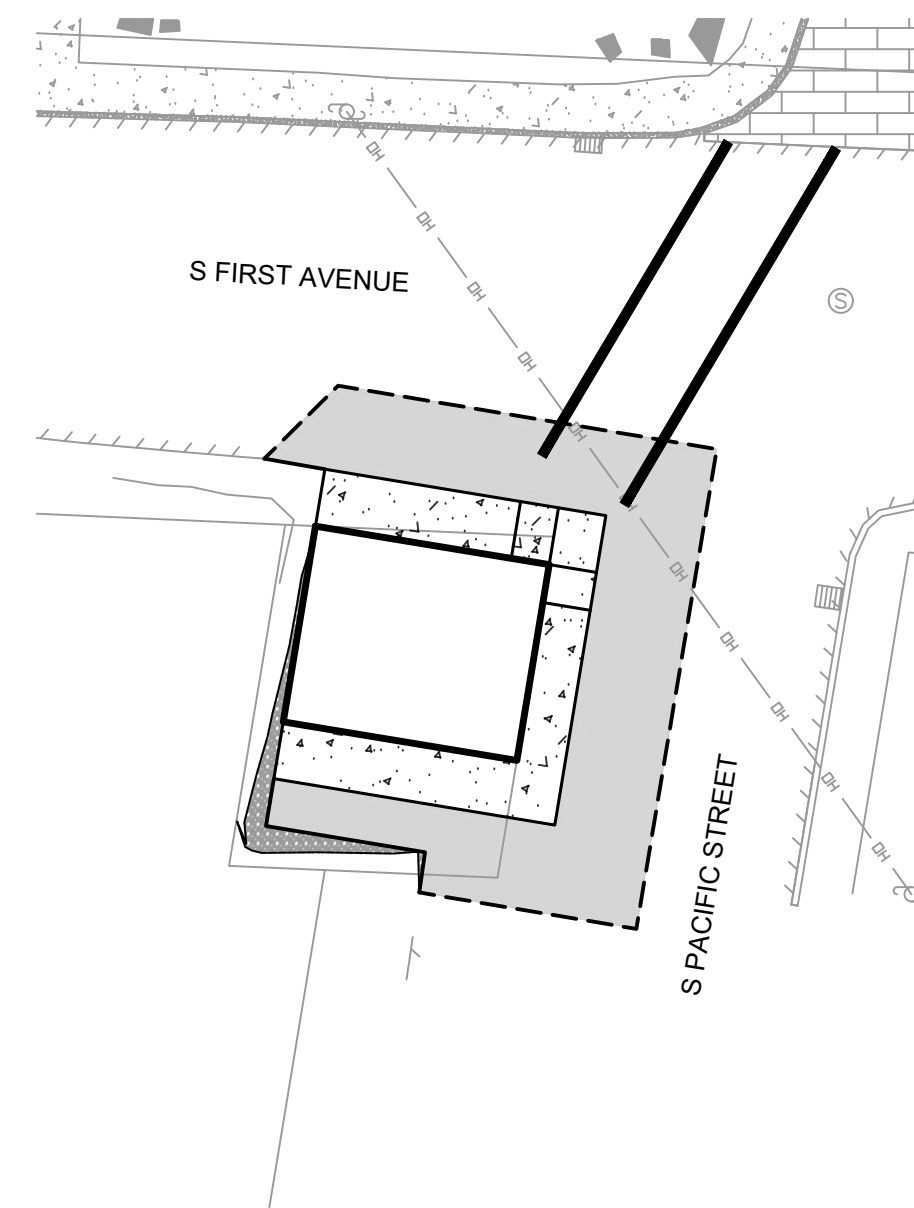
220 S ANCHOR ST
ROCKAWAY BEACH, OR 97136

210 S 1ST AVENUE
ROCKAWAY BEACH, OR 97136

THIS PROJECT IN SECTION 32 OF T. 2 N., R. 10 W., W.M. ROCKAWAY BEACH,
TILLAMOOK COUNTY, OREGON (TAX LOTS 9290 & 15400)

LOCATE

(48 HOUR NOTICE PRIOR TO EXCAVATION) OREGON LAW REQUIRES YOU TO FOLLOW THE RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090 & ORS 757.542 THROUGH 757.562 AND ORS 757.993. YOU MAY OBTAIN COPIES OF THE RULES FROM THE CENTER BY CALLING (503) 242-1987. ONE CALL SYSTEM NUMBER 1-800-332-2344.



S 1ST AVENUE SITE PLAN

1" = 50'



SHEET INDEX TABLE

#	TITLE
C1	COVER
C2	STANDARD NOTES
C3	LANDSCAPING NOTES
C4	ANCHOR ST SURVEY & DEMO
C5	FIRST AVE SURVEY & DEMO
C6	SITE PLAN
C7	UTILITY PLAN
C8	GRADING & EROSION CONTROL
C9	WAYSIDE RESTROOM
C10	DETAILS 1
C11	DETAILS 2
C12	DETAILS 3
C13	DETAILS 4

PROPOSED LEGEND

PROPOSED MINOR CONTOUR	—— 221' ——
PROPOSED MAJOR CONTOUR	—— 220' ——
LIMITS OF GRADING	-----
GRADING BREAK LINE	-----
PRIVATE UTILITY EASEMENT (PUE)	-----
STORM PIPE (LENGTH, SIZE, MATERIAL)	X LF X" MAT SD SD
WATER SERVICE PIPE (LENGTH, SIZE, MATERIAL)	X LF X" MAT WS WS
SANITARY SERVICE (LENGTH, SIZE, MATERIAL)	X LF X" MAT SS SS
JOINT UTILITY TRENCH	E
ASPHALT	■
CONCRETE	■
GRASS LANDSCAPING	■
STORMWATER SWALE GRASSES MIX	■

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EMAIL: mail@hbh-engineers.com

REV.	DATE	DESCRIPTION	BY

IF THIS LINE IS NOT 1 INCH SCALE IS NOT AS SHOWN

CITY OF ROCKAWAY BEACH
276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE
COVER

Date / Sheet No. **G1**
4/30/2023
1 of 13
2015-009.26

PLANTING NOTES

FINAL ROUGH GRADES TO BE ESTABLISHED BY THE GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR TO BE RESPONSIBLE FOR FINAL GRADING AND FOR ENSURING THAT SURFACE AND STORMWATER RUNOFF FLOWS ARE FUNCTIONING AS DESIGNED. TOP OF MULCH AT ALL PLANTING BEDS TO BE 1" BELOW TOP OF CURBS OR ADJACENT PAVING. CITY OF ROCKAWAY BEACH TO INSPECT AND APPROVE FINAL GRADING.

PLANT MATERIAL: NATIVE PLANT MATERIAL TO BE NURSERY GROWN AND OBTAINED FROM REGIONAL SOURCES UNDER CLIMATIC CONDITIONS SIMILAR TO OR HARDIER THAN THOSE AT THE SITE. ALL PLANTS TO BE OF NORMAL HABIT OF GROWTH, HEALTHY, VIGOROUS, AND FREE OF DISEASE, HARMFUL INSECTS, INSECT EGGS AND LARVAE. UNHEALTHY OR DAMAGED PLANTS SHALL BE REPLACED AT LANDSCAPE CONTRACTORS EXPENSE. ALL PLANT MATERIAL SHALL FOLLOW THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK PUBLICATIONS.

TREES: ALL TREES SHALL BE HEALTHY GROWN NURSERY STOCK. STREET TREES TO BE A MIN. OF 1-1/2" CALIPER AT 6 INCHES ABOVE GROUND LEVEL, AND BE AT LEAST 5 FEET HIGH CONFORMING IN SIZE AND GRADE WITH THE STANDARD FOR NURSERY STOCK ANSI Z60.1 (MOST CURRENT EDITION). ALL TREES SHALL HAVE A SINGLE STRAIGHT TRUNK, A WELL DEVELOPED LEADER WITH TOPS AND ROOTS CHARACTERISTIC OF THE SPECIES, CULTIVAR OR VARIETY. ALL TREES MUST BE FREE OF INSECTS, DISEASES, MECHANICAL INJURY, AND OTHER OBJECTIONABLE FEATURES WHEN PLANTED. BARE ROOT STOCK SHALL LEAVE A ROOT SYSTEM SUFFICIENT TO INSURE SURVIVAL AND HEALTHY GROWTH. BALLED AND BURLAP (B&B) STOCK SHALL LEAVE A NATURAL SOUND BALL SUFFICIENT TO INSURE SURVIVAL AND HEALTHY GROWTH.

TOPSOIL:

- TOPSOIL SHALL CONSIST OF A NATURAL FRIABLE SURFACE SOIL WITHOUT ADMIXTURES OF UNDESIRABLE SUBSOIL, REFUSE, OR FOREIGN MATERIALS. IT SHALL BE SHREDDED AND REASONABLY FREE FROM ROOTS, HARD CLAY, COARSE GRAVEL, STONE LARGER THAN ONE INCH (1") IN ANY DIAMETER, NOXIOUS WEEDS, TALL GRASS, BRUSH, STICKS, STUBBLE, OR OTHER LITTER, AND SHALL HAVE INDICATED BY A HEALTHY GROWTH OF CROPS, GRASSES, TREES, OR OTHER VEGETATION THAT IT IS FREE-DRAINING AND NON-TOXIC. TOPSOIL TO CONTAIN NOT MORE THAN 10% STONES.
- TOPSOIL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 ORGANIC MATERIAL NOT LESS THAN 40% NOR MORE THAN 60% BY VOLUME. (15-20% BY WEIGHT).
 SILT NOT LESS THAN 20% BY VOLUME. (50-60% BY WEIGHT).
 SAND NOT LESS THAN 20% NOR MORE THAN 30% BY VOLUME. (20-30% BY WEIGHT).
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE LOCATION FROM WHICH HE PROPOSES TO FURNISH TOPSOIL AT LEAST 10 DAYS PRIOR TO DELIVERY OF TOPSOIL TO THE PROJECT FROM THAT LOCATION. THE ENGINEER WILL INSPECT AND APPROVE OF THE TOPSOIL PRIOR TO DELIVERY TO THE PROJECT SITE BY THE CONTRACTOR.

FERTILIZER: 10-15-10 SLOW RELEASE ON OPEN SPACE TREES. ALL PLANTS TO BE INOCULATED WITH MYCORRHIZA ("M-ROOTS" DRY GRANULES MIXED INTO PLANTING HOLE) AT INSTALLATION. APPLY FERTILIZER AND MYCORRHIZA ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

MULCH: MINIMUM 3" MEDIUM GRIND, WELL-ROTTED BARK MULCH OR COMMERCIAL COMPOST. NO MULCH TO BE USED IN DITCHES OR STORM WATER SWALES.

PLANTING: STONES, MORTAR, RUBBISH, AND ANY MATERIAL HARMFUL TO PLANT LIFE ARE ALL TO BE REMOVED FROM ALL PLANTING AREAS.

- ALL PLANTING AREAS TO BE RAKED SMOOTH PRIOR TO PLANTING.
- ALL PLANTING HOLES ARE TO BE TWICE THE DIAMETER OF THE PLANT ROOT BALL OR SYSTEM. SIDES AND BOTTOM OF HOLES ARE TO BE BROKEN UP.
- ALL PLANTS TO BE WATERED IN WHEN THE PLANTING HOLES HAVE BEEN HALF FILLED WITH SOIL. THE IRRIGATION SYSTEM IS NOT TO BE USED TO WATER PLANTS IN.
- APPLY FERTILIZER (IF APPLICABLE) WHEN THE PLANTING HOLE IS 3/4 FULL.
- ALL PLANTS TO BE INOCULATED WITH MYCORRHIZA AT TIME OF PLANTING. PRODUCT TO BE EITHER "ROOT DIP GEL" FOR BARE ROOT STOCK OR "M-ROOTS" GRANULAR FORMULA FOR CONTAINERIZED STOCK.. MYCORRHIZA INOCULANT TO BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- FINISHED PLANTING LEVEL OF PLANTS TO BE AT OR SLIGHTLY ABOVE LEVEL GROWN IN NURSERY.
- CITY OF ROCKAWAY BEACH SHALL INSPECT ALL PLANTINGS AND GIVE WRITTEN APPROVAL BEFORE CITY OF ROCKAWAY BEACH WILL ACCEPT THE LANDSCAPING WORK (FROM THE GENERAL CONTRACTOR) AS BEING SATISFACTORILY COMPLETE.

MAINTENANCE: BEGIN MAINTENANCE IMMEDIATELY AFTER EACH SHRUB AND TREE IS PLANTED. PROTECT AND MAINTAIN PLANTINGS FOR A PERIOD OF 60 DAYS AFTER ACCEPTANCE. WATER, WEED, CULTIVATE, MAINTAIN MULCH, AND RESET PLANTS TO PROPER GRADES AND UPRIGHT POSITIONS AS REQUIRED.

GUARANTEE: GUARANTEE ALL PLANT MATERIAL AFTER FINAL ACCEPTANCE FOR DURATION OF ONE FULL GROWING SEASON OR FOR ONE YEAR, WHICHEVER IS LONGER. CONTRACTOR TO REPLACE PLANT MATERIALS NOT SURVIVING OR IN POOR CONDITION; EXCEPT ONLY LOSS OR DAMAGE DUE TO FREEZING, VANDALISM, OR ACTS AND NEGLECTS ON THE PART OF OTHERS.

MAINTENANCE NOTES

PROVIDE MAINTENANCE AS REQUIRED BY CITY OF ROCKAWAY BEACH.

MOWING: BIOSWALE SEEDED DITCHES ARE NOT TO BE MOWED.

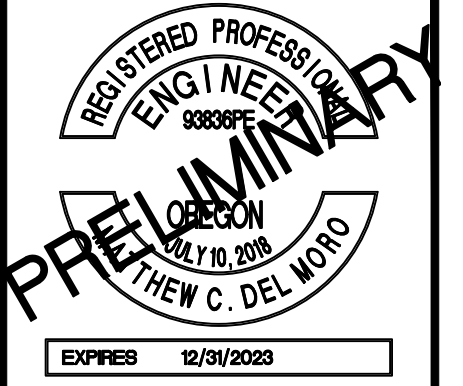
PRUNING: TREES, SHRUBS AND GROUNDCOVERS ARE ONLY TO BE PRUNED IF OVERALL HEALTH OF THE PLANT OR STAND IS THREATENED (SUCH AS TENT CATERPILLAR INFESTATION). IF NECESSARY, DEAD OR DISEASED BRANCHES ARE TO BE PRUNED AND REMOVED FROM THE SITE; MAKE ALL PRUNING CUTS ACCORDING TO BEST ACCEPTED PRACTICE. DO NOT TIP BACK OR SHEAR WOODY PLANTS IN ANY MANNER.

MULCH: MULCHED AREAS TO RECEIVE ADDITIONAL TOPDRESSING ONCE A YEAR IN THE FALL. ALL WOODY PLANTS (TREES, SHRUBS) TO RECEIVE 18" DIAMETER CIRCLE OF COARSE WOOD CHIPS AROUND THE BASE OF THE PLANT TO AID IN WEED SUPPRESSION. REPLACE CHIPS YEARLY AS NECESSARY UNTIL PLANTS ARE ESTABLISHED AND ABLE TO OUTCOMPETE WEEDS. NOTE: SWALES ARE NOT TO RECEIVE MULCH

WEED CONTROL: THE REMOVAL OF NOXIOUS WEEDS INCLUDING HIMALAYAN BLACKBERRY (RUBUS DISCOLOR), REED CANARYGRASS (PHALARIS ARUNDINACEA), TEASEL (DIPSACUS FULLONUM), CANADA THISTLE (CIRSIMUM ARVENSE) AND OTHERS WILL BE NECESSARY THROUGH THE MAINTENANCE PERIOD, OR UNTIL A HEALTHY STAND OF DESIRABLE VEGETATION IS ESTABLISHED. DURING REMOVAL OF INVASIVE VEGETATION CARE SHALL BE TAKEN TO MINIMIZE IMPACTS TO EXISTING NATIVE TREES AND SHRUB SPECIES. REMOVE WEEDS AND THEIR ROOT SYSTEMS BY HAND OR SIMILAR MECHANICAL METHODS; GLYPHOSPHATE-BASED HERBICIDES (ROUNDUP OR EQUIVALENT) MAY BE USED ONLY IF APPROVED BY CITY OF ROCKAWAY BEACH.

PLANT REPLACEMENT: PLANTS THAT FAIL TO MEET THE ACCEPTANCE CRITERIA MUST BE REPLACED DURING THE MAINTENANCE PERIOD. PRIOR TO REPLACEMENT, THE CAUSE FOR LOSS SHOULD BE DETERMINED. UPON DETERMINING THE CAUSE, CORRECT THE PROBLEM (E.G. AMEND SOIL, PROVIDE WILDLIFE PROTECTION, MODIFY SPECIES SELECTION) AND THEN REPLACE THE PLANT(S). IF AT ANY TIME DURING THE WARRANTY PERIOD THE LANDSCAPING FALLS BELOW THE 80% SURVIVAL LEVEL, THE CONTRACTOR SHALL REINSTALL ALL DEFICIENT PLANTING AT THE NEXT APPROPRIATE PLANTING OPPORTUNITY AND THE TWO YEAR MAINTENANCE PERIOD SHALL BEING AGAIN FROM THE DATE OF REPLANTING.

WILDLIFE PROTECTION: APPROPRIATE MEASURES SHOULD BE TAKEN TO DISCOURAGE WILDLIFE BROWSING. BIODEGRADABLE PLASTIC MESH TUBING, OR OTHER SUBSTITUTE APPROVED BY THE AGENCY/CITY, SHOULD BE PLACED AROUND INDIVIDUAL TREES AND SHRUBS TO PREVENT BROWSING BY WILDLIFE, INCLUDING BEAVER, NUTRIA, DEER, MICE AND VOLES.



EXPRES 12/31/2023

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Designed By: ARB | Checked By: ARB | Drawn By: ARB | Submitted No.: MD11 | Submittal No.: 3RD ENGR
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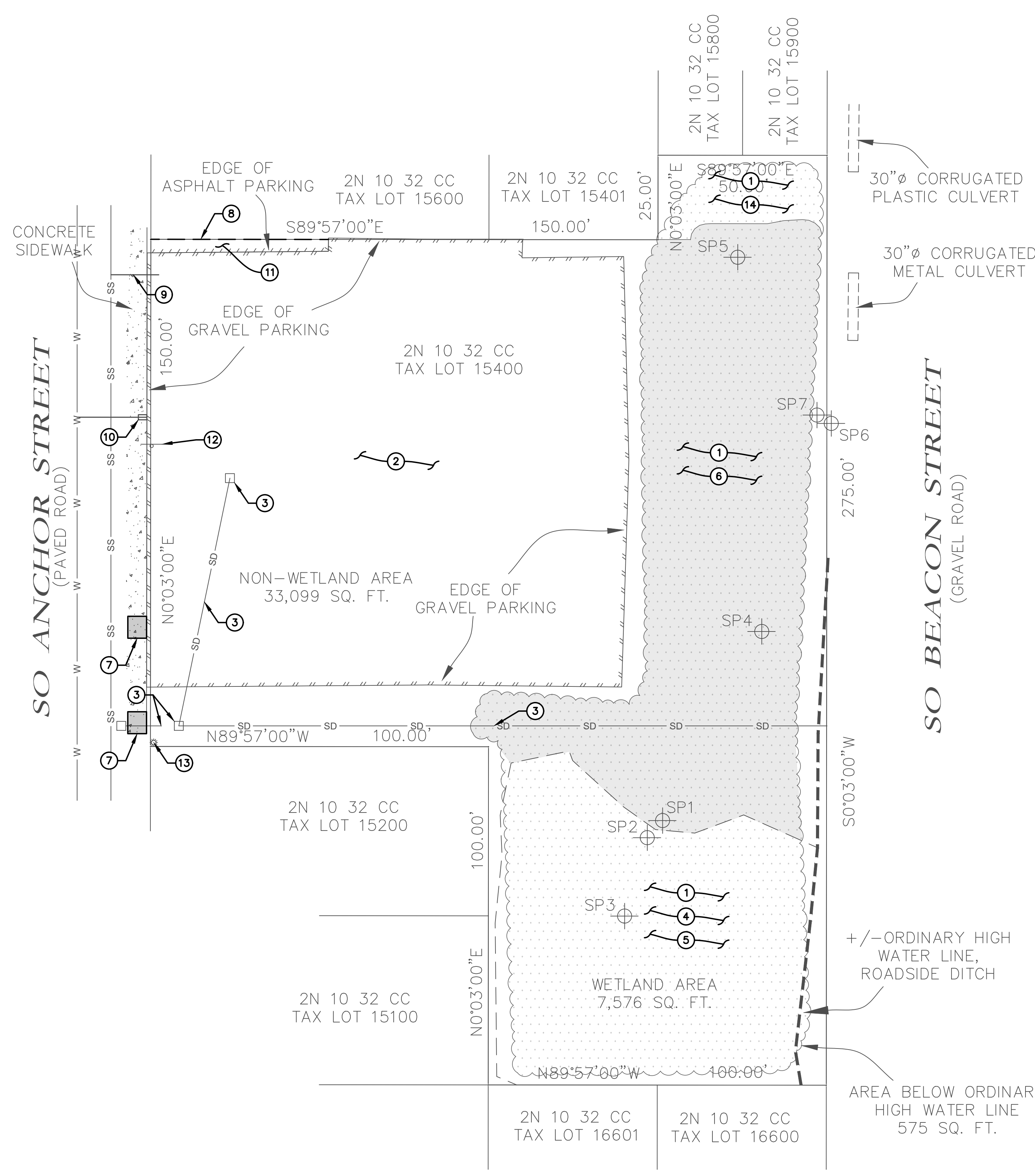
REV.	DATE	DESCRIPTION	BY

IF THIS LINE IS NOT 1 INCH SCALE IS NOT AS SHOWN

CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE
LANDSCAPING NOTES

THIS IS NOT THE STAMPED SURVEYOR'S DRAWING.
 THE STAMPED SURVEYORS DRAWING WILL BE
 PROVIDED UPON REQUEST.

SEE
 SURVEYOR'S
 STAMPED
 DRAWING



ANCHOR ST SURVEY + DEMO KEY NOTES

1. EXISTING DENSE BRUSH APPROXIMATELY EIGHT FEET TALL
2. DEMO AND HAUL OFF TOP 2" OF GRAVEL PARKING LOT. SALVAGE REMAINDER OF GRAVEL PARKING LOT USE FOR STRUCTURAL FILL ON THE EASTERN BORDER OF THE PARK PER KEY NOTE #28 ON SHEET C6.
3. DEMO AND REMOVE EXISTING ONSITE CATCH BASINS AND STORM PIPING. CONTRACTOR IS RESPONSIBLE FOR MITIGATING STORM WATER DRAINAGE DURING CONSTRUCTION.
4. PRESERVE AND PROTECT EXISTING WETLANDS
5. PRESERVE AND PROTECT EXISTING BRUSH INSIDE WETLANDS
6. DEMO EXISTING BRUSH OUTSIDE OF WETLANDS
7. DEMO EXISTING SIDEWALK PANEL BEHIND CATCH BASIN AND DAMAGED PANEL AT SOUTH END OF SOUTHERN DRIVEWAY. PRESERVE EXISTING PUBLIC CURB AND CATCH BASIN.
8. SAW CUT EXISTING ASPHALT AT PROPERTY LINE
9. EXISTING SANITARY SERVICE. LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE AND POTHOLE DEPTH OF LATERAL PRIOR TO SETTING UP PRELIMINARY EROSION CONTROL SUCH THAT IF CONFLICTS EXIST, THEY DO NOT CAUSE PROJECT DELAYS. CONTACT DESIGN ENGINEER IMMEDIATELY IF CONFLICT EXISTS. SEE SANITARY STANDARD NOTE #8 ON SHEET C2.
10. EXISTING WATER SERVICE. LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE AND POTHOLE DEPTH OF LATERAL PRIOR TO SETTING UP PRELIMINARY EROSION CONTROL SUCH THAT IF CONFLICTS EXIST, THEY DO NOT CAUSE PROJECT DELAYS. CONTACT DESIGN ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
11. DEMO EXISTING ASPHALT PARKING
12. REMOVE AND REPLACE EXISTING CITY OF ROCKAWAY BEACH PUBLIC PARKING LOT SIGN
13. EXISTING POWER POLE. LOCATION IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE AND CONTACT DESIGN ENGINEER IF CONFLICTS ARE PRESENT.
14. PRESERVE AND PROTECT AS MUCH OF EXISTING BRUSH INSIDE PROPERTY FLAG AS POSSIBLE

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REV.	DATE	DESCRIPTION	BY

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CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE
ANCHOR ST SURVEY + DEMO

ANCHOR ST SURVEY + DEMO
 1" = 20'

Scale 1"=20' (HORIZ.)

G4

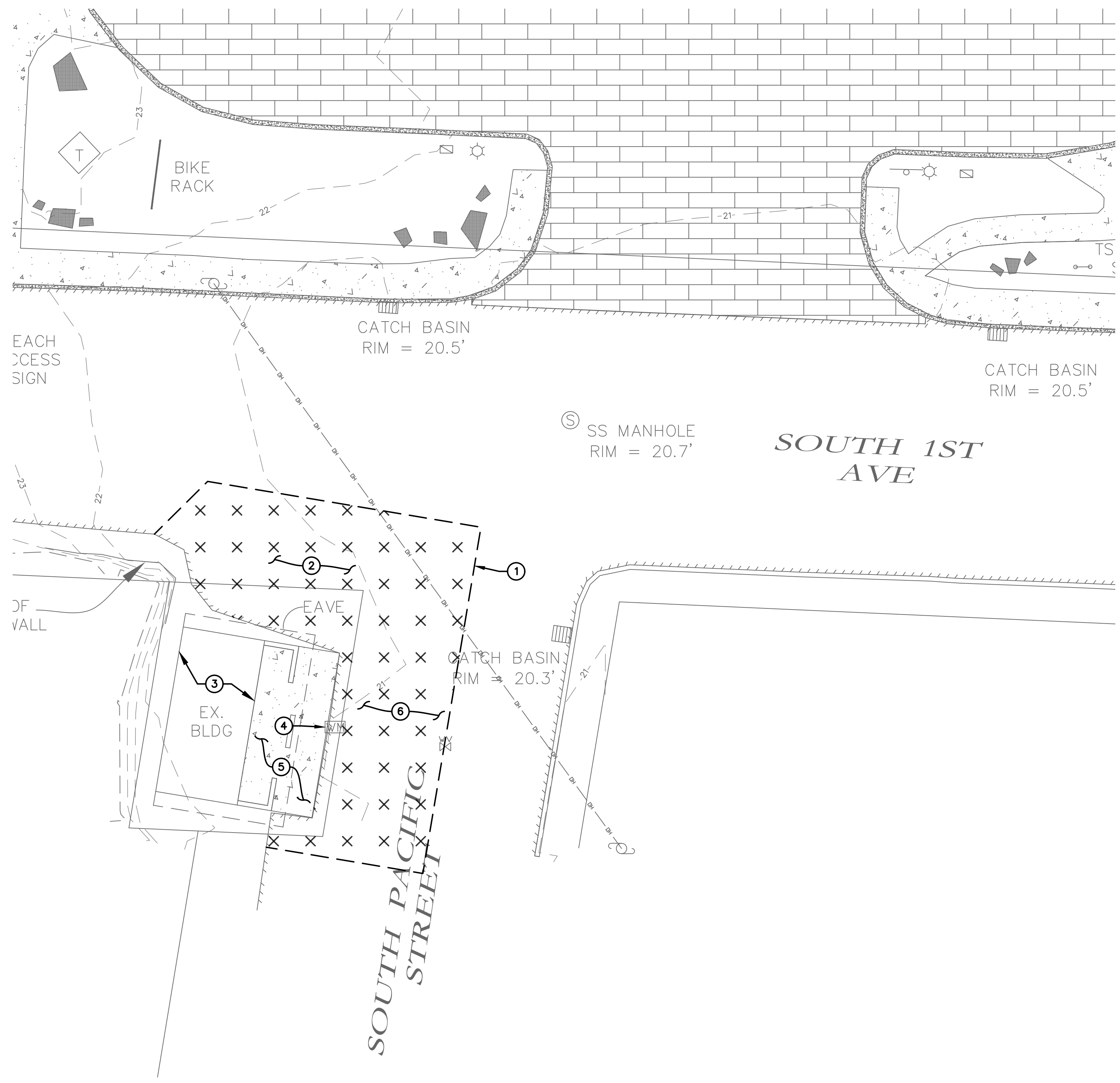
Date / Sheet No.
4/28/2023
4 of **13**
2015-009.26

THIS IS NOT THE STAMPED SURVEYOR'S DRAWING.
THE STAMPED SURVEYORS DRAWING WILL BE
PROVIDED UPON REQUEST.

SEE
SURVEYOR'S
STAMPED
DRAWING

⊗ FIRST AVE SURVEY + DEMO KEY NOTES

1. SAW CUT EXISTING ASPHALT
2. REMOVE EXISTING ASPHALT AND HAUL OFFSITE
3. DEMO EXISTING RESTROOM BUILDING AND HAUL OFFSITE
4. SALVAGE EXISTING WATER METER BOX AND METER. TO BE REINSTALLED AT NEW LOCATION PER SHEET C9.
5. DEMO EXISTING SIDEWALK AND HAUL OFFSITE
6. CONTRACTOR TO LOCATE WATER, POWER, SANITARY SERVICES TO EXISTING BUILDING PRIOR TO CONSTRUCTION. SERVICES TO BUILDING TO BE PRESERVED AND PROTECTED DURING CONSTRUCTION. CONTRACTOR TO CONNECT NEW BUILDING INTO EXISTING SERVICES. CONTRACTOR TO CONTACT DESIGN ENGINEER PRIOR TO CONSTRUCTION IF CONFLICTS WITH EXISTING SERVICES ARE PRESENT.



FIRST AVE SURVEY + DEMO
1" = 20'

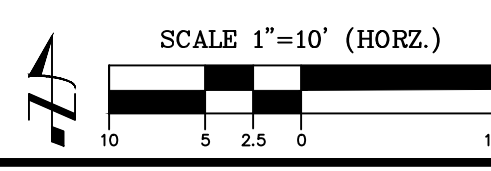
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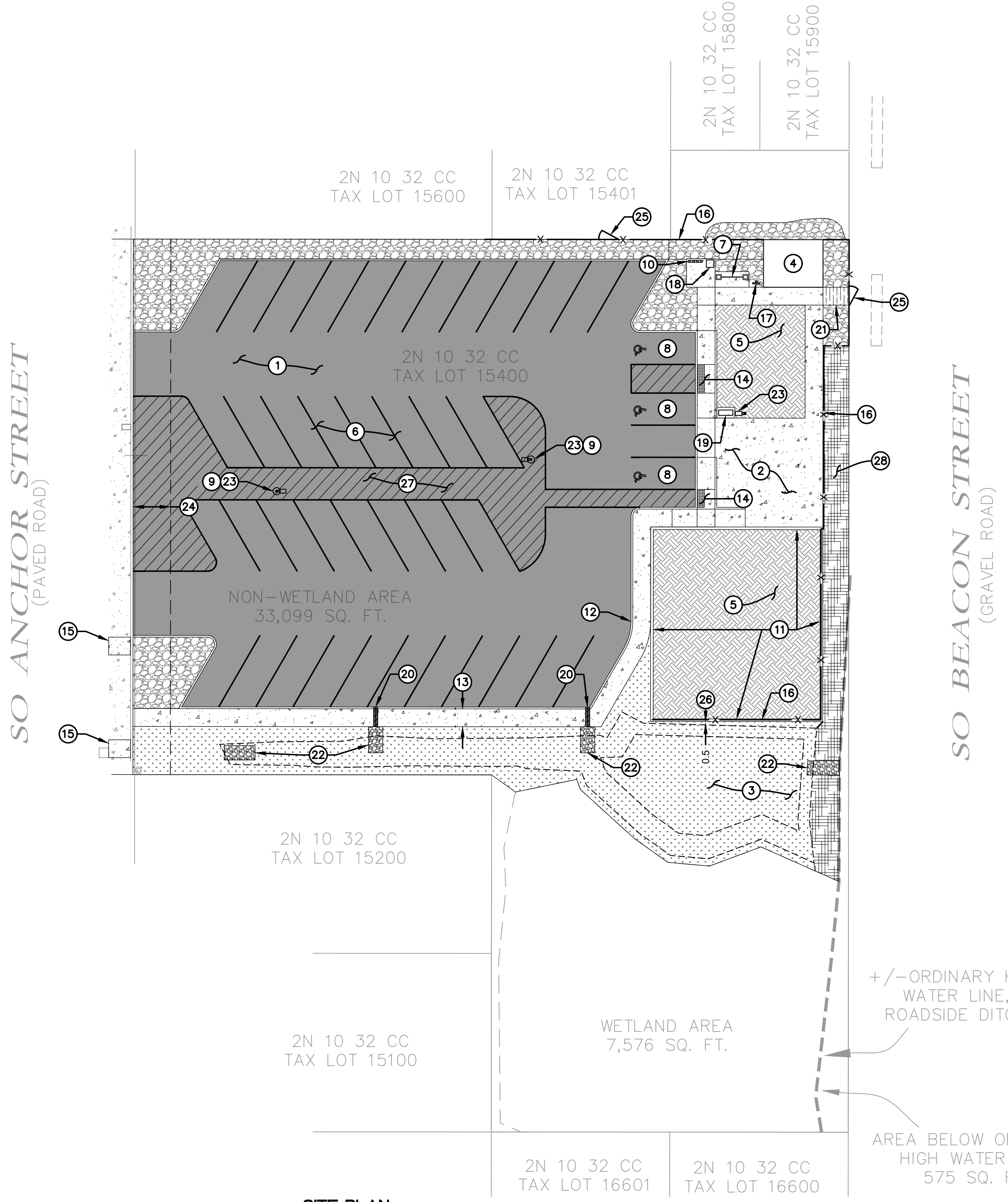
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CITY OF ROCKAWAY BEACH
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ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE
FIRST AVE SURVEY + DEMO



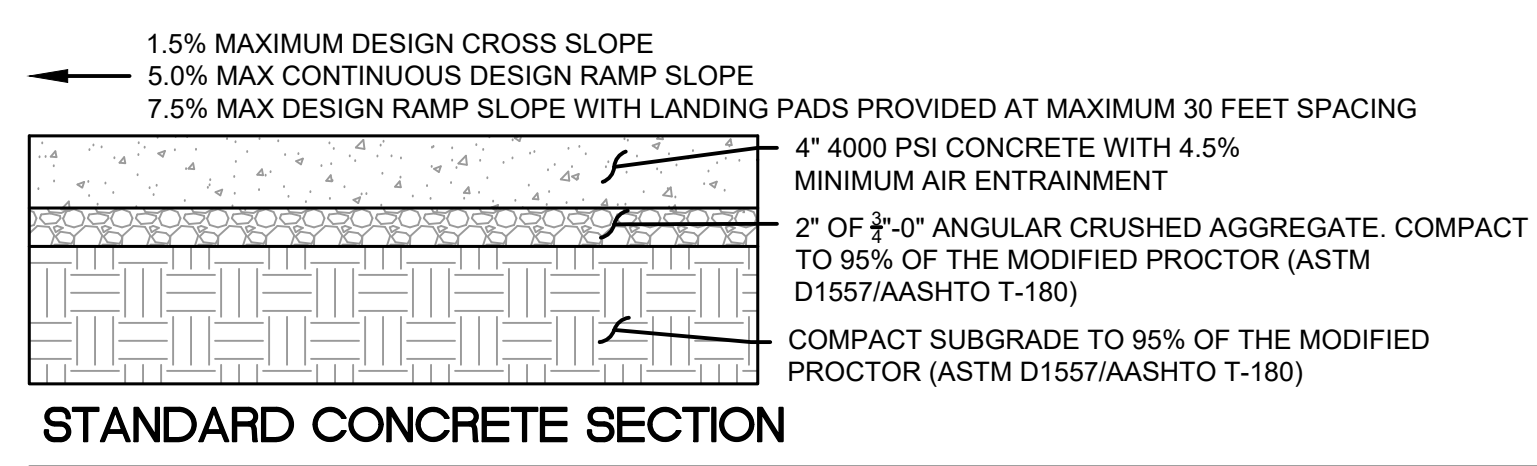
XX SITE PLAN KEY NOTES

- INSTALL PARKING LOT ASPHALT PER CROSS SECTION DETAIL LOCATED ON THIS SHEET AND GRADING LOCATED ON SHEET C8
- INSTALL ADA COMPLIANT CONCRETE PER STANDARD CONCRETE CROSS SECTION DETAIL LOCATED ON THIS SHEET AND GRADING LOCATED ON SHEET C8 (TYP)
- INSTALL STORMWATER QUALITY/QUANTITY SWALE PER DETAIL ON SHEET C7. SWALE AREA TO BE SEEDED WITH "PROTIME PT 442 BES GRASSY SWALE NATIVE MIX" OR CITY APPROVED EQUAL. CONTRACTOR TO BRING SWALE GRASS TO FULL FRUITION AS CONDITION OF PROJECT COMPLETION. SEE UTILITY PLAN SHEET C5 FOR GRADING AND NOTES ON SHEET C3 FOR MORE INFORMATION.
- PROPOSED BATHROOM. SEE UTILITY PLAN ON SHEET C7 AND STRUCTURAL/MEP PLANS BY ROMTEC.
- FILL DIRT. CITY PARKS DEPARTMENT TO CONSTRUCT THESE AREAS AT A LATER DATE. (TYP)
- 36 TOTAL NEW STANDARD PARKING STALLS (TYP)
- INSTALL COVERED "DOWNTOWN KIOSK" PER DETAIL W5 ON SHEET C13
- INSTALL THREE ADA COMPLIANT PARKING STALLS PER OREGON TRANSPORTATION COMMISSION STANDARDS FOR ACCESSIBLE PARKING PLACES FIGURES 1, 6, 7, AND 8. GRADING PER SHEET C8.
- INSTALL LIGHT POST ON 3 FEET EXPOSED PRECAST CONCRETE BASE TO PROTECT FROM TRAFFIC.
- INSTALL GREEN POWDER COATED U-LINE 3-LOOP WAVE STYLE BIKE RACK OR CITY APPROVED EQUAL. TO BE BOLTED TO CONCRETE.
- INSTALL TYPICAL STRAIGHT CURB (TYPE C) PER CITY OF ROCKAWAY BEACH STANDARD DETAIL T-301 AND GRADING ON SHEET C8 AROUND DIRT AREA
- INSTALL TYPICAL STRAIGHT CURB (TYPE C) PER CITY OF ROCKAWAY BEACH STANDARD DETAIL T-301 AND GRADING ON SHEET C8 AROUND PARKING LOT
- 5.0' WIDE SIDEWALK. CONSTRUCT PER STANDARD CONCRETE CROSS SECTION ON THIS SHEET. GRADING PER SHEET C8. (TYP)
- CONSTRUCT PARALLEL CURB RAMP PER ODOT STANDARD DETAIL RD920. GRADE RAMP PER SHEET C8.
- REPLACE PANEL SIDEWALK PER STANDARD CONCRETE SECTION DETAILED ON THIS SHEET AND CITY OF ROCKAWAY BEACH STANDARD DETAIL T-201
- INSTALL FIVE FEET TALL, MARINE-GRADE, GALVANIZED, GREEN EPOXY COATED, CHAIN LINK FENCE PER CL5-R ON ODOT DETAIL RD815. EMBED CHAIN LINK FENCE IN CURB AROUND LANDSCAPED AREA. CHAIN LINK FENCE IS AN ADDITIVE BIDDING ITEM.
- INSTALL GREEN GLOBAL INDUSTRIAL™ STEEL PET WASTE STATION WITH ROLLED WASTE BAGS OR CITY APPROVED EQUAL
- INSTALL RUBBERMAID TWO-WAY RANGER® TRASH CAN OR CITY APPROVED EQUAL
- INSTALL GREEN POWDER COATED GLOBAL INDUSTRIAL™ OUTDOOR BOTTLE FILLER W/B1-LEVEL DRINKING FOUNTAIN & PET STATION OR CITY APPROVED EQUAL. TO BE BOLTED TO CONCRETE.
- INSTALL EVERGRATE T-14A "TSUNAMI" STYLE SIDEWALK GRATE PER DETAIL T-14A ON SHEET C11. GRADE CONCRETE GUTTER UNDERNEATH GRATE AT 2% MINIMUM SLOPE FROM PARKING LOT TO BACK OF SIDEWALK FOR DRAINAGE INTO DITCH/SWALE. SEE GRADING LOCATED ON SHEET C8.
- INSTALL 5.0 FEET WIDE STAIRCASE USING RAILROAD TIES, 3/4"-0" GRAVEL, WOVEN GEOTEXTILE, AND REBAR AS NECESSARY FOR GRADE CHANGE. EXCAVATE TO A SUBGRADE DEPTH DEEP ENOUGH FOR A 2" LIFT OF COMPACTED 3/4"-0" TO BE LAYERED UNDERNEATH A RAILROAD TIE STAIRCASE. RAILROAD TIES ARE TO BE EMBEDDED IN A MANNER TO PROVIDE A STAIRCASE MEETING MAXIMUM STAIR HEIGHT OF 7 INCHES, AND MAXIMUM STAIR WIDTH OF 11 INCHES. SECURE RAILROAD TIES USING REBAR. ENSURE REBAR IS NOT EXPOSED IN MANNER THAT IS A SAFETY HAZARD.
- INSTALL FOUR FOOT WIDE CLASS 50 RIP-RAP EMBEDDED CHANNEL PER DETAIL 422 ON SHEET C10 AND RIP-RAP CROSS SECTION DETAIL ON THIS SHEET.
- SITE LIGHTING. SEE UTILITY PLAN SHEET C7 AND ELECTRICAL PLANS BY OTHERS FOR MORE INFORMATION.
- 10.0' PUBLIC UTILITY EASEMENT
- 5.0' GATE IN CHAIN LINK FENCE. CHAIN LINK FENCE IS AN ADDITIVE BIDDING ITEM.
- INSTALL 0.5 FOOT BENCH AT BASE OF CURB ABUTTING SWALE AND AND EAST PROPERTY LINE. SEE SHEET C8 FOR GRADING.
- PARKING LOT STRIPING TO BE 4" WIDE, PAINTED WITH YELLOW WATER BASED ACRYLIC PAINT (TYP)
- USE SALVAGED GRAVEL CUT MATERIAL FROM KEY NOTE #2 ON SHEET C4 TO FILL AND SURFACE EASTERN BORDER OF PARK



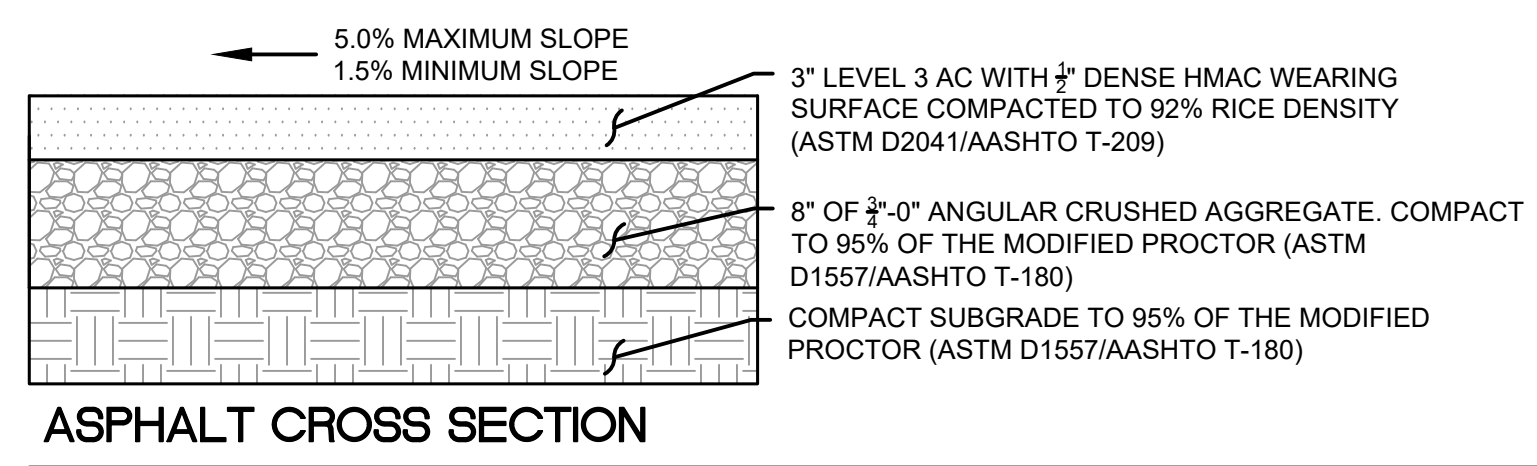
SITE PLAN

1" = 20'



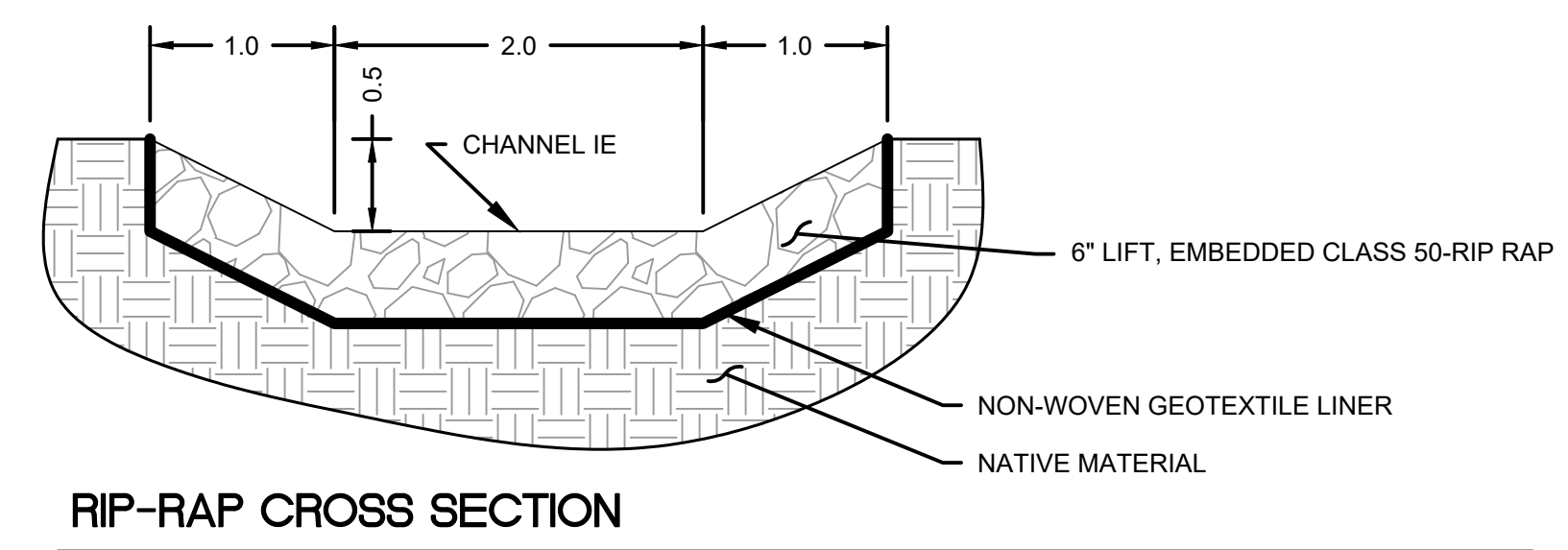
STANDARD CONCRETE SECTION

1. RAMP DESIGN SLOPE CAN BE INCREASED TO 7.5% MAXIMUM IF FIVE FOOT SQUARE, LANDING PADS ARE PROVIDED AT A MAXIMUM OF 30 LINEAR FEET SPACING

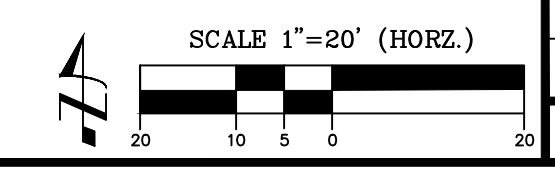


ASPHALT CROSS SECTION

1. DESIGNED TO MEET FIRE TRUCK LOAD OF 12,500 POUNDS OF POINT LOAD (WHEEL LOAD) AND 75,000 LB LIVE LOAD (GROSS VEHICLE WEIGHT).



RIP-RAP CROSS SECTION



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Designed By: ARB | Checked By: MDM | Submitted No.: 98D ENGR
 Drawn By: ARB | File: L:\2015-009-264-Design\DWG\2 SITE PLAN.dwg

REV.	DATE	DESCRIPTION

CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136

ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE

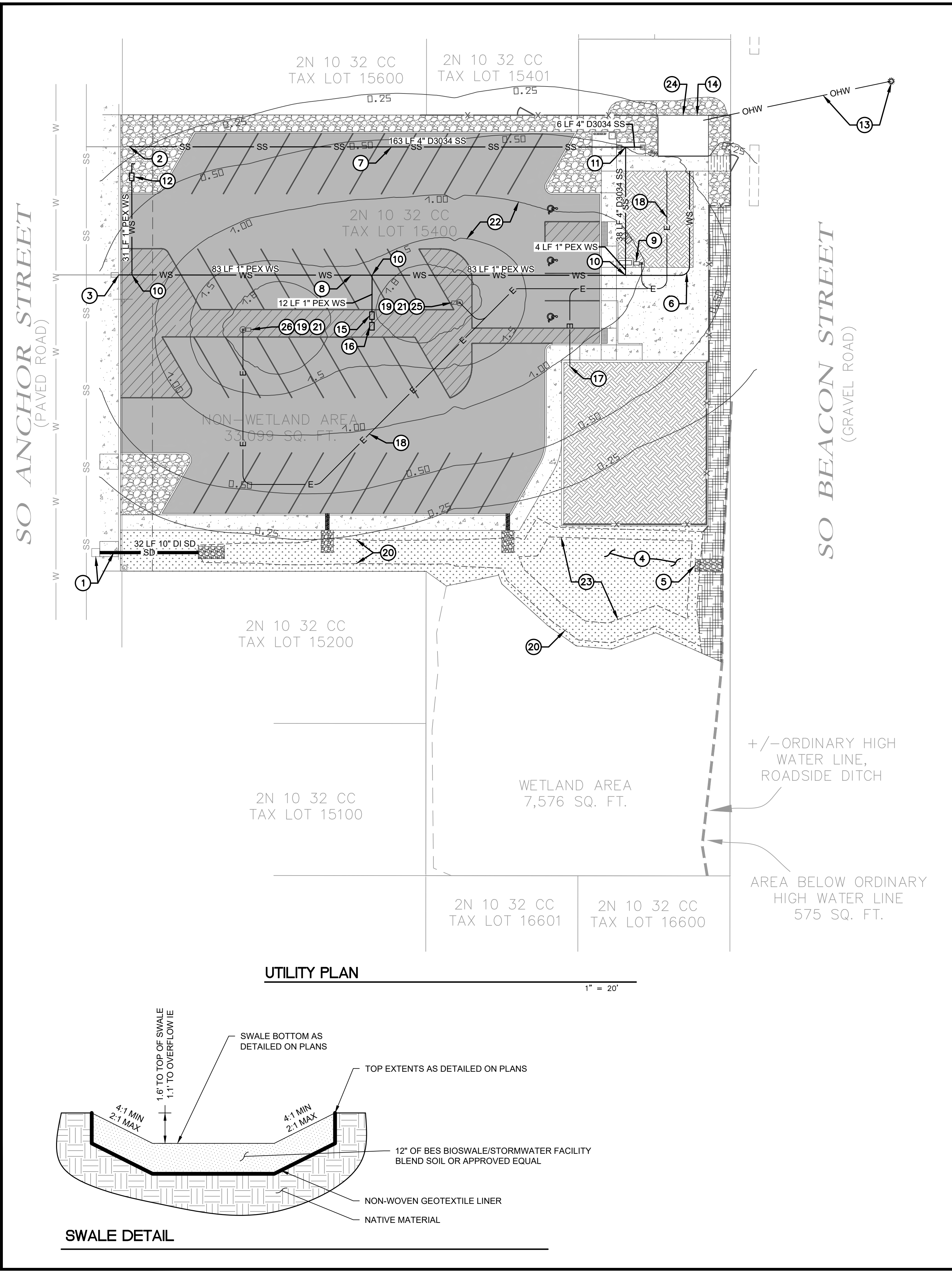
SITE PLAN

Scale: 1" = 20' (HORZ.)

Date: Sheet No. **6** of **13**

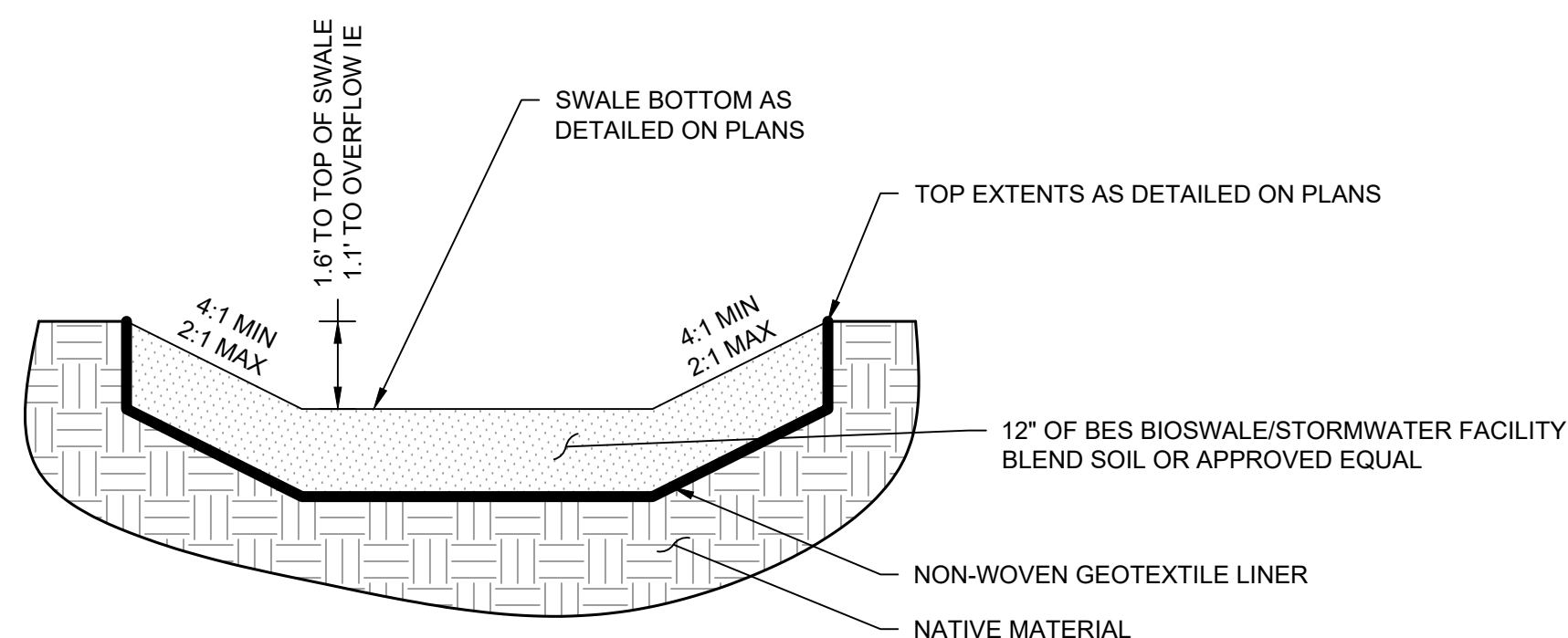
5/26/2023

2015-009.26



UTILITY PLAN

1" = 20'



SWALE DETAIL

UTILITY PLAN KEY NOTES

- INVERT ELEVATIONS IN EXISTING PUBLIC ANCHOR STREET CATCH BASIN ARE NOT KNOWN. CONTRACTOR IS TO CONNECT INTO EXISTING ANCHOR STREET PUBLIC CATCH BASIN WITH 10" CLASS 52 DUCTILE IRON AT THE HIGHEST REASONABLE INVERT ELEVATION PER ODOT STANDARD DETAIL RD339. CONTRACTOR IS TO INSTALL 10" CLASS 52 DUCTILE IRON PIPE PER CITY OF ROCKAWAY STANDARD DETAIL T-200 AT 0.5% MINIMUM DRAIN GRADE FROM THE CATCH BASIN INTO THE PARK. IE OUT OF PIPE TO BE APPROXIMATELY 12.35'. GRADING SHOWN ON SHEET C8 MAY CHANGE BASED ON THE ABOVE MENTIONED CONDITION. CONTRACTOR TO CONTACT DESIGN ENGINEER IMMEDIATELY IF CONFLICT IS ENCOUNTERED.
- CONNECT TO EXISTING WATER SERVICE. SEE SANITARY GENERAL NOTE #8 ON SHEET C2. EXISTING SANITARY MAIN AND LATERAL SHOWN IN ANCHOR STREET IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE AND POTHOLE DEPTH OF LATERAL PRIOR TO SETTING UP PRELIMINARY EROSION CONTROL SUCH THAT CONFLICTS DO NOT CAUSE PROJECT DELAYS. CONTACT DESIGN ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
- CONNECT TO EXISTING WATER SERVICE. EXISTING WATER MAIN AND SERVICE SHOWN IN ANCHOR STREET IS APPROXIMATE. CONTRACTOR TO FIELD LOCATE AND POTHOLE DEPTH OF LATERAL PRIOR TO SETTING UP PRELIMINARY EROSION CONTROL SUCH THAT CONFLICTS DO NOT CAUSE PROJECT DELAYS. CONTACT DESIGN ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
- INSTALL SWALE PER DETAIL ON THIS SHEET. GRADE PER SHEET C8. SEED PER SHEET C6.
- WEIR OVERFLOW FOR STORM WATER QUALITY/QUANTITY SWALE TO EXISTING CITY STORM WATER DITCH. SEE KEY NOTE 22 ON SHEET C6.
- SWEEP 1" PEX 90°
- INSTALL 4" D3034 PVC SANITARY SERVICE TO BATHROOM AND WATER FOUNTAIN FROM EXISTING MAIN IN ANCHOR STREET. SERVICE TO BE INSTALLED PER CITY OF ROCKAWAY STANDARD DETAIL S-300. ONSITE AND OFFSITE PIPING TO BE INSTALLED PER CITY OF ROCKAWAY STANDARD DETAIL T-200 AT MINIMUM 2.00% SLOPE.
- INSTALL 1" PEX WATER SERVICE TO BATHROOM, PARKING LOT, AND WATER FOUNTAIN PER CITY OF ROCKAWAY STANDARD DETAIL W-605. ONSITE AND OFFSITE PIPING TO BE INSTALLED PER CITY OF ROCKAWAY STANDARD DETAIL T-200 WITH MINIMUM THREE FEET OF COVER.
- LIGHT POST WITH INDEX #1 LITHONIA RSX1 LIGHT FIXTURE. SEE LUMINAIRE INDEX TABLE ON THIS SHEET. LIGHTING LAYOUT IS SCHEMATIC. SEE ELECTRICAL PLANS BY OTHERS.
- INSTALL 1" PEX TEE
- INSTALL 4" D3034 PVC SANITARY TEE
- IRRIGATION DOUBLE CHECK ASSEMBLY. IRRIGATION SYSTEM IS TO BE DRIP-LINE STYLE, AN ADDITIVE, AND IS BIDDER DESIGN. CITY TO REVIEW DESIGN AND APPROVE.
- TAP EXISTING OVERHEAD POWER AT OFFSITE POLE IN BEACON STREET ROW LOCATED IN FRONT OF 216 S BEACON STREET. RUN OVERHEAD POWER TO NEW BATHROOM BUILDING. LAYOUT IS SCHEMATIC. SEE ELECTRICAL PLANS BY OTHERS.
- INSTALL SITE POWER INTO BATHROOM BUILDING. METER TO BE LOCATED ON OUTSIDE OF BATHROOM. BREAKER FOR SITE TO BE LOCATED IN BATHROOM MECHANICAL ROOM. DIMENSIONS SHOWN ARE SCHEMATICAL. SEE ELECTRICAL PLANS BY OTHERS.
- INSTALL NEW 3/4" WATER METER INSIDE OF ROCKAWAY STANDARD ARMORCAST A6000485 CONCRETE WATER METER BOX.
- INSTALL DOUBLE CHECK ASSEMBLY INSIDE CONCRETE WATER METER BOX. INSTALL HOSE SPIGOT ON END OF DOUBLE CHECK ASSEMBLY. HOSE SPIGOT TO HAVE LOCKING BOX INSTALLED OVER SPIGOT TO PREVENT UNAUTHORIZED WATER ACCESS. LOCKING BOX MUST FIT INSIDE CONCRETE WATER METER BOX, LARGER METER BOX THAN ROCKAWAY STANDARD ARMORCAST A6000485 MAY BE REQUIRED.
- 3" PVC STUB FOR SPORTS COURT LIGHTING. LIGHTING DESIGN OF SPORTS COURT BY OTHERS.
- JOINT UTILITY TRENCH FROM BATHROOM BUILDING. INSTALL MULTIPLE 3" CONDUITS AS NECESSARY TO RESPECTIVE ONSITE LIGHTING, POWER, AND BATHROOM. LAYOUT IS SCHEMATICAL. SEE ELECTRICAL PLANS BY OTHERS.
- INSTALL PRECAST 24" DIAMETER CONCRETE FOOTING THAT IS EXPOSED APPROXIMATELY 3 FEET ABOVE GROUND SURFACE, ACTING AS A BOLLARD FOR LIGHT POST. LIGHT POSTS ON EXPOSED CONCRETE FOOTINGS TO BE SIZED SUCH THAT THE HEIGHT OF THE LUMINAIRE IS LOCATED 20 FEET ABOVE GROUND SURFACE (I.E. 3 FEET OF EXPOSED CONCRETE BOLLARD + 17 FEET OF LIGHT POST = 20 FEET LUMINAIRE HEIGHT).
- TOP EXTENTS OF SWALE
- RUN AUXILIARY ELECTRICAL TO 24" PRECAST CONCRETE BOLLARDS TO PROVIDE SERVICE FOR (1) 40 AMP CIRCUIT AND (2) 20 AMP CIRCUITS. POWER TO BE USED FOR EVENTS STAGED IN PARKING LOT. PROVIDE A MINIMUM OF (2) 240V RECEPTACLES AND (2) 120V RECEPTACLES PER RESPECTIVE 20 AMP CIRCUIT PER LIGHT POST. ALL RECEPTACLES ARE TO BE GFCI PROTECTED. INSTALL CIRCUIT BREAKER AND RECEPTACLES ON LAMP POST INSIDE OF A NEMA-4X ENCLOSURE. ENCLOSURE IS TO BE LOCKABLE AND TAMPERPROOF. ELECTRICAL SYSTEM IS BIDDER DESIGN. CITY TO REVIEW AND APPROVE DESIGN.
- FOOT-CANDLE ILLUMINANCE CONTOURS FROM SITE FLOOD LIGHTING. AREA CALCULATIONS FOR FLOOD LIGHTING IN PEDESTRIAN AND PARKING AREAS ARE INCLUDED IN LIGHTING CALCULATION TABLE ON THIS SHEET. (TYP)
- BOTTOM OF SWALE
- INSIDE AND OUTSIDE LIGHTING DESIGN OF BATHROOM BY OTHERS
- LIGHT POST WITH INDEX #2 LITHONIA RSX1 LIGHT FIXTURE. SEE LUMINAIRE INDEX TABLE ON THIS SHEET. LIGHTING LAYOUT IS SCHEMATIC. SEE ELECTRICAL PLANS BY OTHERS.
- LIGHT POST WITH INDEX #3 LITHONIA RSX1 LIGHT FIXTURE. SEE LUMINAIRE INDEX TABLE ON THIS SHEET. LIGHTING LAYOUT IS SCHEMATIC. SEE ELECTRICAL PLANS BY OTHERS

UTILITY PLAN GENERAL NOTES

- ELECTRICAL SYSTEM IS BIDDER DESIGN. ELECTRICAL SYSTEM LAYOUT SHOWN IS FOR SCHEMATICAL PURPOSES ONLY.

LUMINAIRE INDEX TABLE

INDEX	MANUFACTURER	ARTICLE NAME	ITEM NUMBER	FITTING	LUMINOUS FLUX	MAINTENANCE FACTOR	CONNECTED LOAD	QUANTITY
1	LITHONIA LIGHTING	RSX AREA FIXTURE SIZE 1 P1 LUMEN PACKAGE 3000K CCT TYPE R5 DISTRIBUTION	RSX1 LED P1 30K R5	1x	6631 lm	0.80	51.3 W	1
2	LITHONIA LIGHTING	RSX AREA FIXTURE SIZE 1 P3 LUMEN PACKAGE 3000K CCT TYPE R5 DISTRIBUTION	RSX1 LED P3 30K R5	1x	13103 lm	0.80	109.4 W	1
3	LITHONIA LIGHTING	RSX AREA FIXTURE SIZE 1 P4 LUMEN PACKAGE 3000K CCT TYPE R5 DISTRIBUTION	RSX1 LED P4 30K R5	1x	15286 lm	0.80	133.1 W	1

LIGHTING CALCULATION TABLE

#	NAME	PARAMETER	MIN	MAX	AVERAGE	MEAN/MIN	MAX/MIN
1	PARKING LOT & PEDESTRIAN AREAS	PERPENDICULAR ILLUMINANCE (ADAPTIVE)	0.14 fc	1.91 fc	.97 fc	7.10	14.02

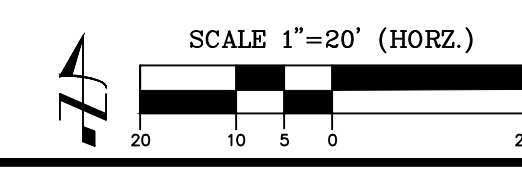


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REV.	DATE	DESCRIPTION

IF THIS LINE IS NOT 1/8" SCALE IS NOT AS SHOWN

CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE
UTILITY PLAN



2N 10 32 CC TAX LOT 15600
 2N 10 32 CC TAX LOT 15401
 2N 10 32 CC TAX LOT 15400

GRADING + EROSION CONTROL KEY NOTES

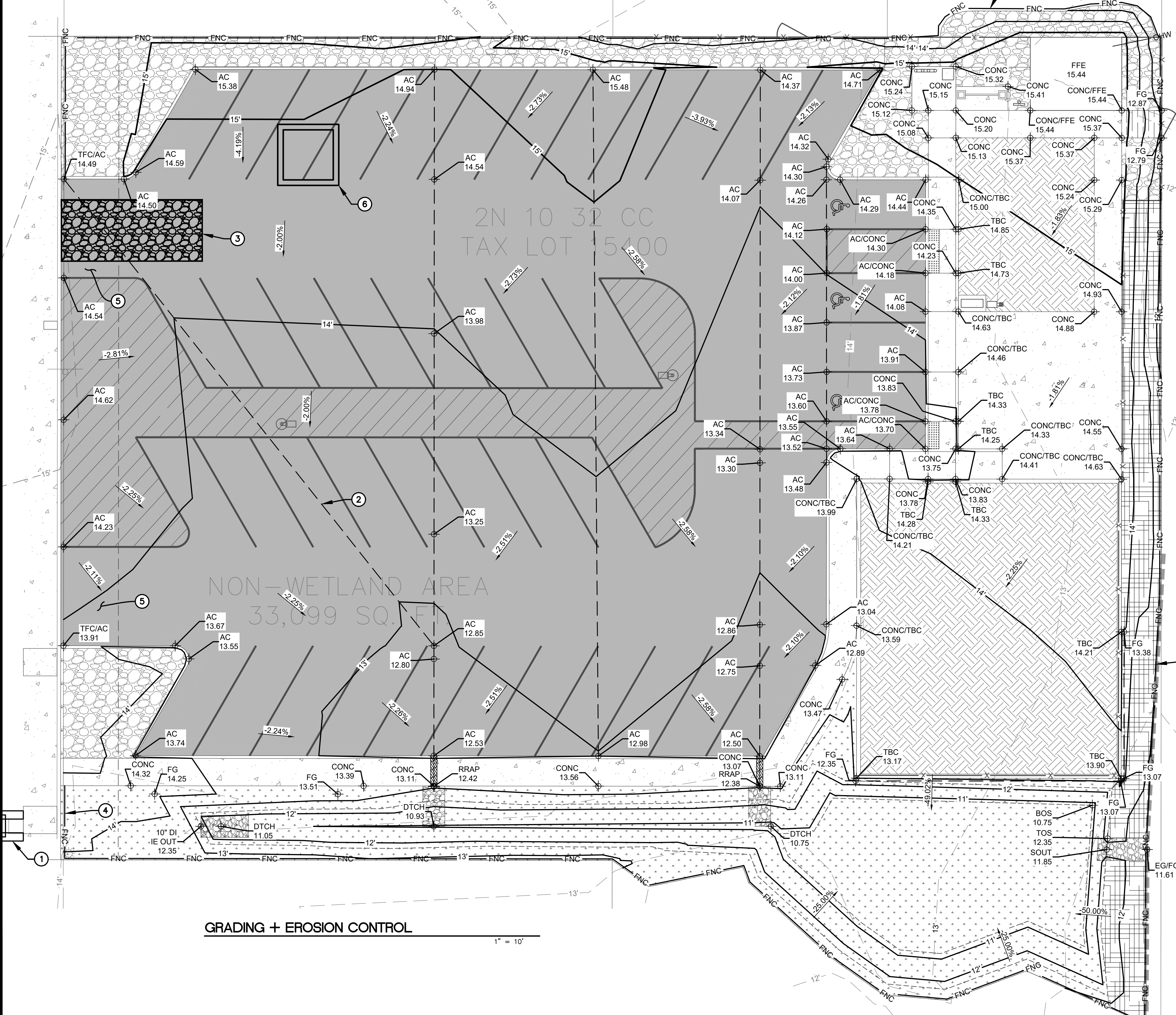
1. INSTALL INLET PROTECTION PER ODOT DETAIL RD 1015
2. BREAK LINE (TYP)
3. INSTALL CONSTRUCTION ENTRANCE/EXIT PER ODOT DETAIL RD 1000. PROTECT CONCRETE DRIVEWAY ENTRANCE DURING CONSTRUCTION.
4. INSTALL SEDIMENT FENCE AROUND SITE PERIMETER PER ODOT DETAIL RD1040
5. SURVEY GRADES OF SIDEWALK ARE APPROXIMATE. CONTRACTOR TO ENSURE MINIMUM 2.0% DRAIN GRADE FROM EXISTING DRIVEWAY CONNECTIONS TO ACROSS PROPOSED ASPHALT TO TSUNAMI SIDEWALK GRATE DRAIN.
6. INSTALL CONCRETE WASHOUT PER ODOT STANDARD DETAIL RD1070

GRADING + EROSION CONTROL LEGEND

AC	ASPHALT FINISHED GRADE
BOS	BOTTOM OF SWALE
CONC	CONCRETE FINISHED GRADE
CCUT	CURB CUT DEPRESSION GRADE
DTCH	DITCH FINISHED GRADE ELEVATION
EG	EXISTING GRADE ELEVATION
FG	FINISHED GRADE
FFE	FINISHED FLOOR ELEVATION
RRAP	RRAP GRADE
SOUT	SWALE OUT
TBC	TOP BACK OF CURB (TYP TOP FACE OF CURB UNLESS OTHERWISE NOTED)
TFC	TOP FACE OF CURB
TOS	TOP OF SWALE

NOTE: TFC AND TBC ARE ASSUMED TO BE +0.5 FEET FROM AC OR GUT ELEVATIONS UNLESS OTHERWISE NOTED

GRADING UNIT	VOLUME (CY)
TOTAL VOLUMETRIC FILL TO FG FROM SUBGRADE	405
3/4"-0" BASE	522
CONCRETE	36
ASPHALT	162
TOTAL CUT, HAUL OFFSITE	315



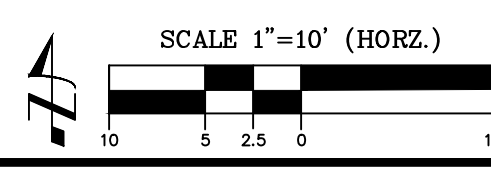
GRADING + EROSION CONTROL
 1" = 10'

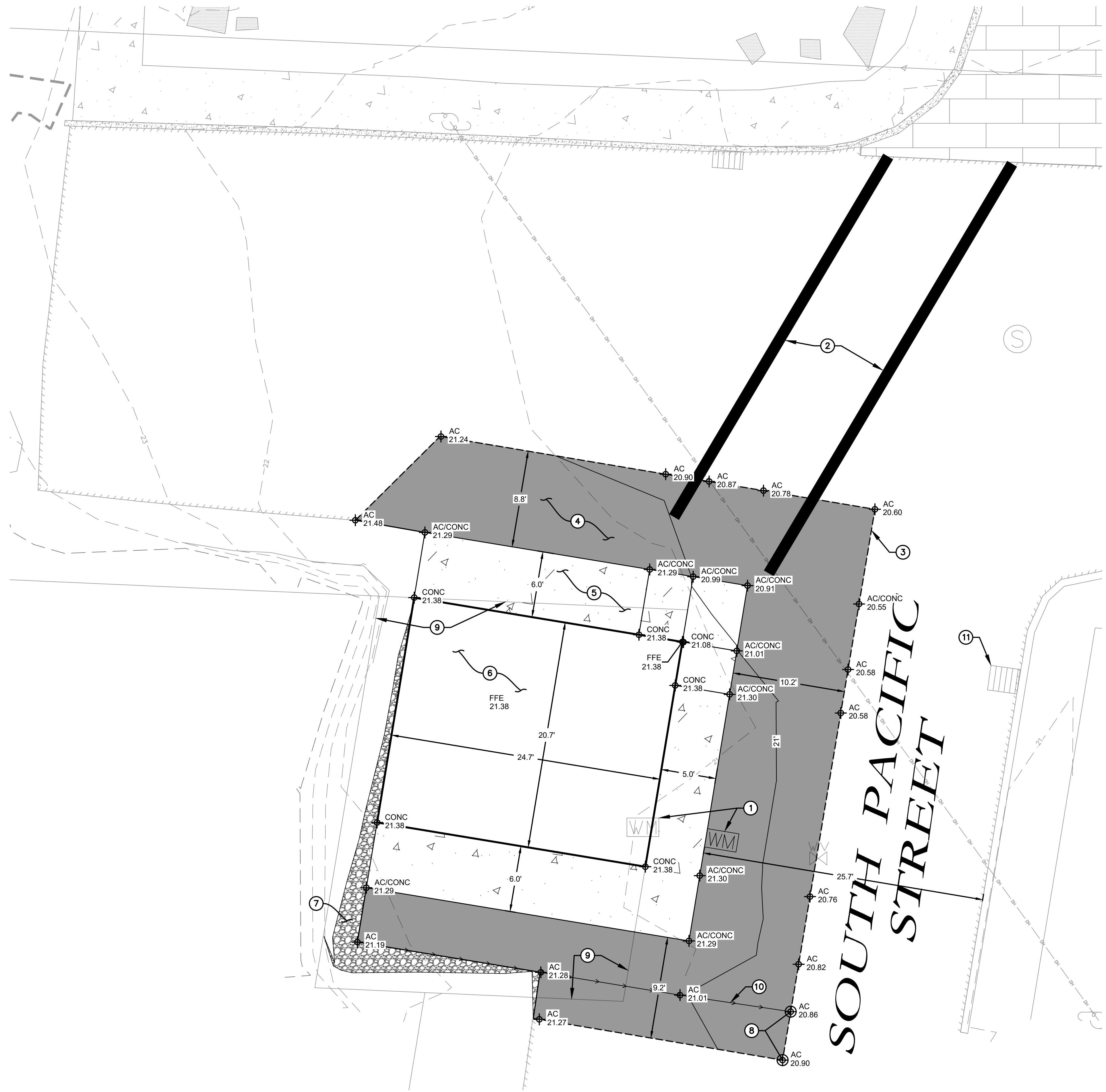


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REV.	DATE	DESCRIPTION

CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE
GRADING + EROSION CONTROL





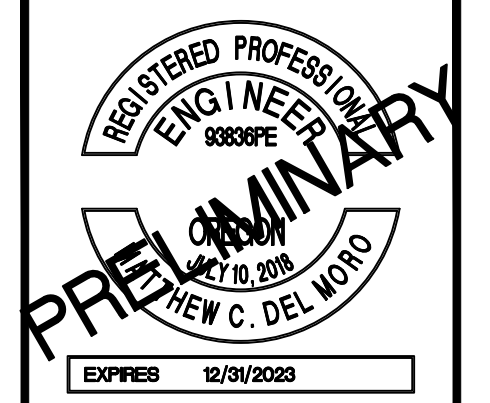
WAYSIDE RESTROOM KEY NOTES

1. RELOCATE AND REPLACE WATER METER AND BOX OUTSIDE OF BUILDING FOOTPRINT. INSTALL PER CITY OF ROCKAWAY BEACH DETAIL W-605.
2. STRIPE CROSSWALK TO PROVIDE ACCESS TO ADA PARKING. INSTALL 1.0 WIDTH, WHITE THERMOPLASTIC STRIPING PER ODOT STANDARD DETAILS TM503 & TM530
3. SAWCUT LINE (TYP)
4. INSTALL ASPHALT PER ASPHALT CROSS SECTION ON SHEET C6 AND GRADING ON THIS SHEET
5. INSTALL ADA COMPLIANT CONCRETE SIDEWALK PER STANDARD CONCRETE CROSS SECTION DETAIL LOCATED ON SHEET C6
6. PROPOSED BATHROOM BUILDING. CONNECT NEW BUILDING TO EXISTING BUILDING POWER, SEWER AND WATER. SEE STRUCTURAL AND MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS BY ROMTEC.
7. CUT INTO SLOPE BEHIND BUILDING AT MAXIMUM 2:1 SLOPE
8. PROPOSED FINISHED GRADE IS OUTSIDE BOUNDS OF TOPOGRAPHIC SURVEY. ELEVATIONS SHOWN AT THESE POINTS ARE APPROXIMATED. CONTRACTOR TO MATCH EXISTING GRADE ALONG SAW CUT LINE. CONTACT DESIGN ENGINEER IF DRAINAGE CONFLICTS BECOME PRESENT.
9. PROPERTY LINE
10. DRAIN GRADE
11. INSTALL INLET PROTECTION AT CATCH BASIN PER ODOT STANDARD DETAIL RD1015

WAYSIDE RESTROOM ABBREVIATION LEGEND

AC	ASPHALT FINISHED GRADE
BOS	BOTTOM OF SWALE
CONC	CONCRETE FINISHED GRADE
CCUT	CURB CUT DEPRESSION GRADE
DTCH	DITCH FINISHED GRADE ELEVATION
EG	EXISTING GRADE ELEVATION
FG	FINISHED GRADE
FFE	FINISHED FLOOR ELEVATION
RRAP	RIP RAP GRADE
SOUT	SWALE OUT
TBC	TOP BACK OF CURB (TYPICALLY THE SAME AS TOP FACE OF CURB)
TFC	TOP FACE OF CURB
TOS	TOP OF SWALE

NOTE: TFC AND TBC ARE ASSUMED TO BE +0.5 FEET FROM AC OR GUT ELEVATIONS UNLESS OTHERWISE NOTED



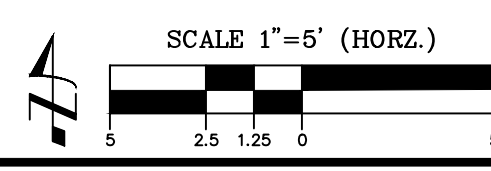
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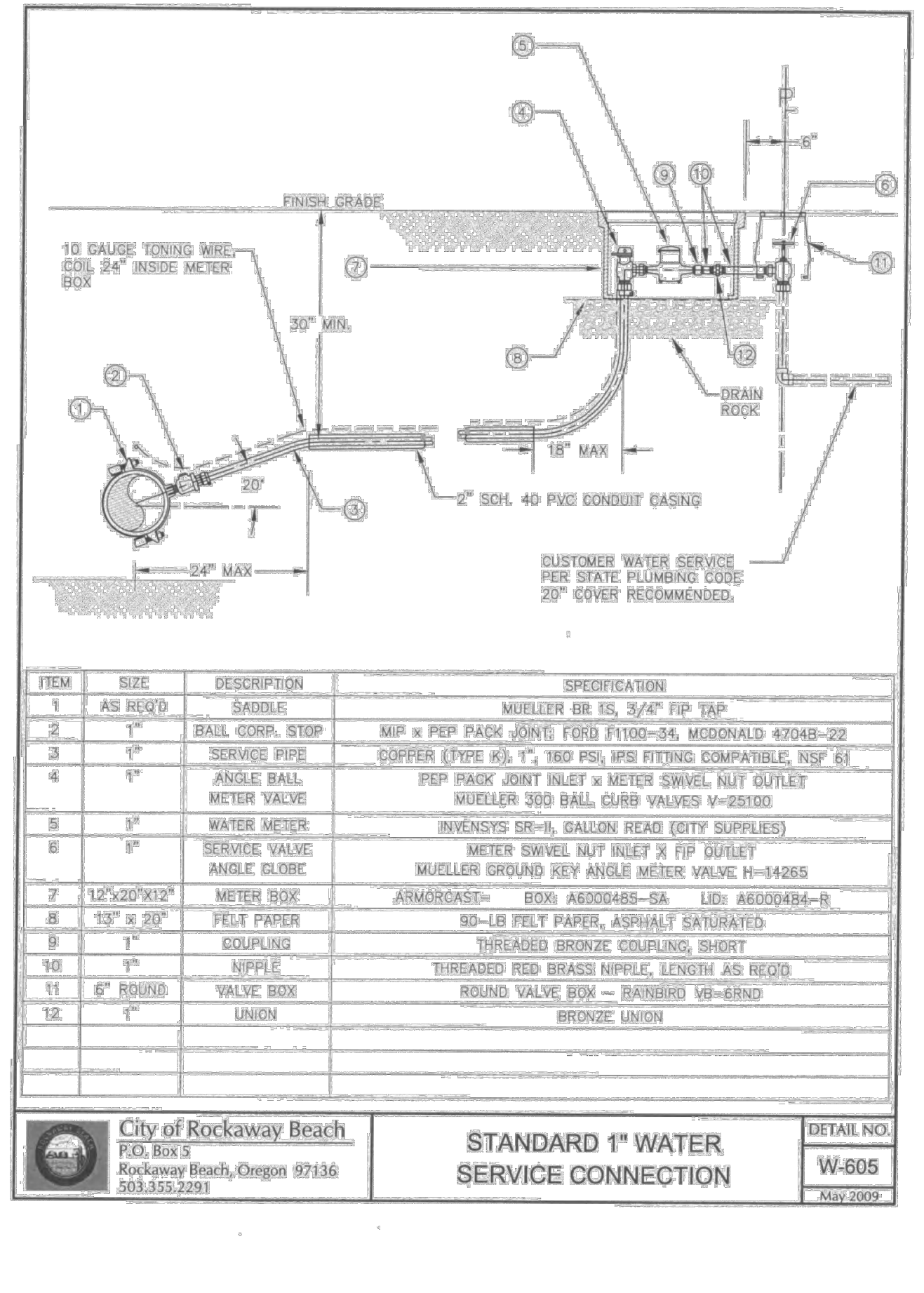
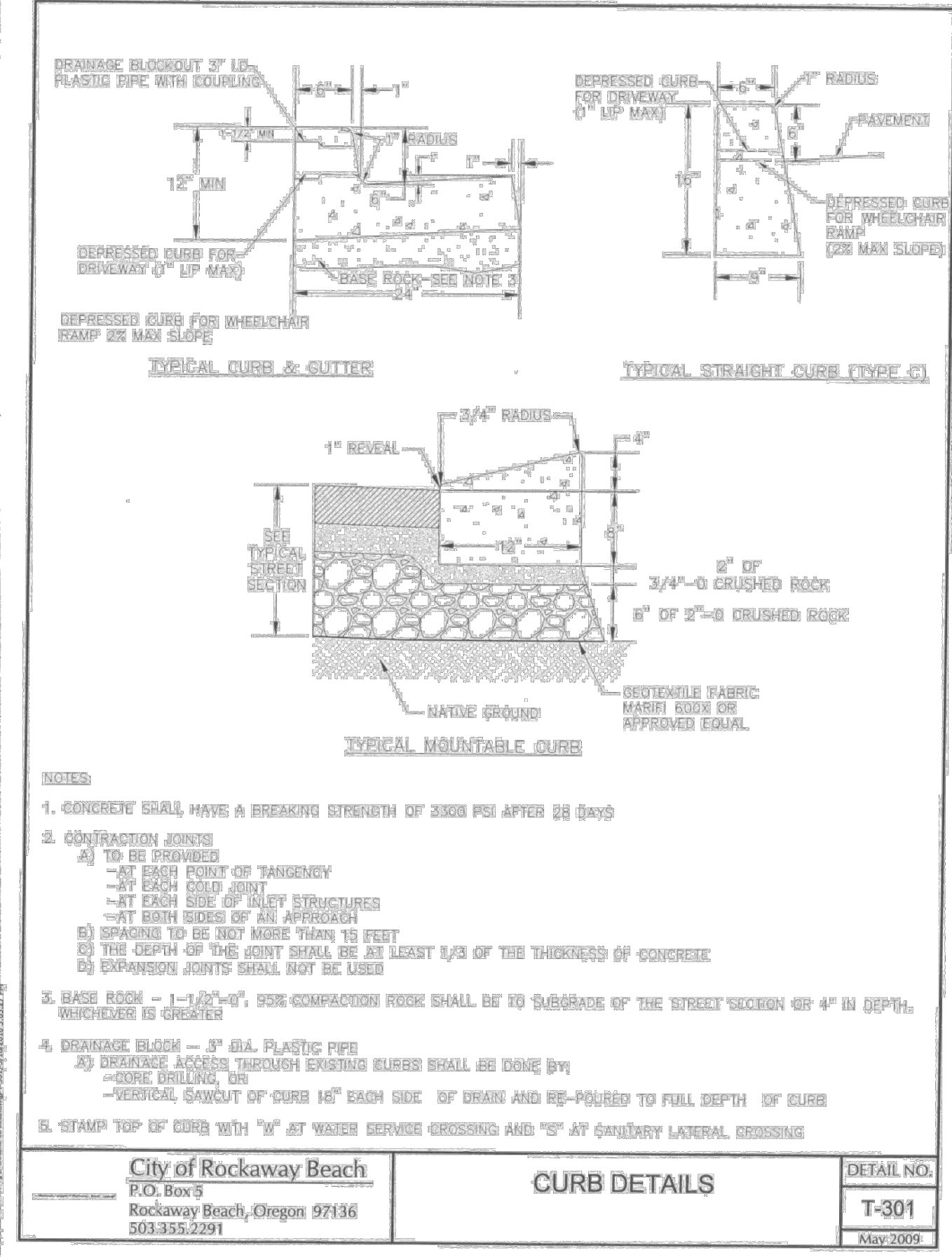
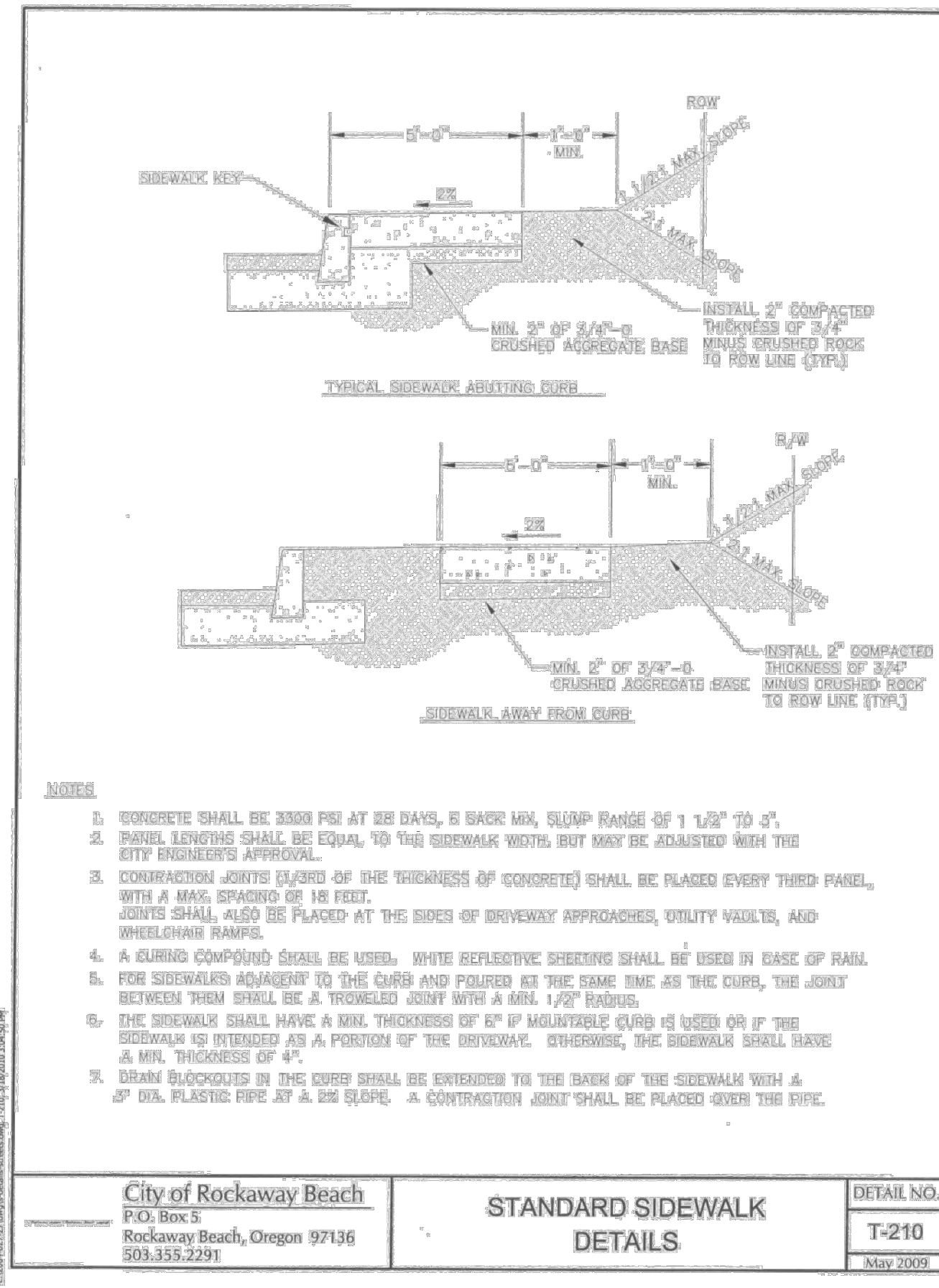
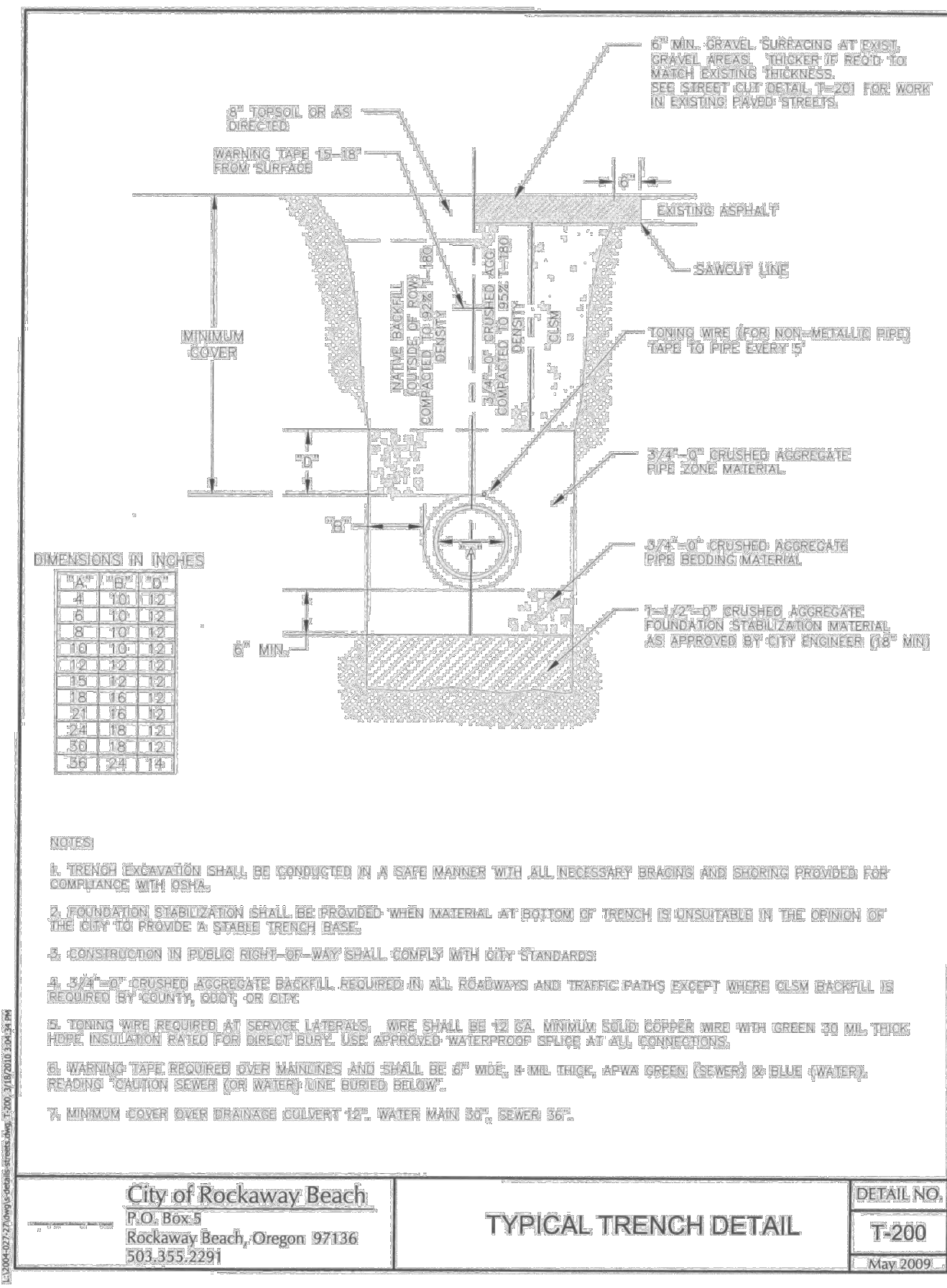
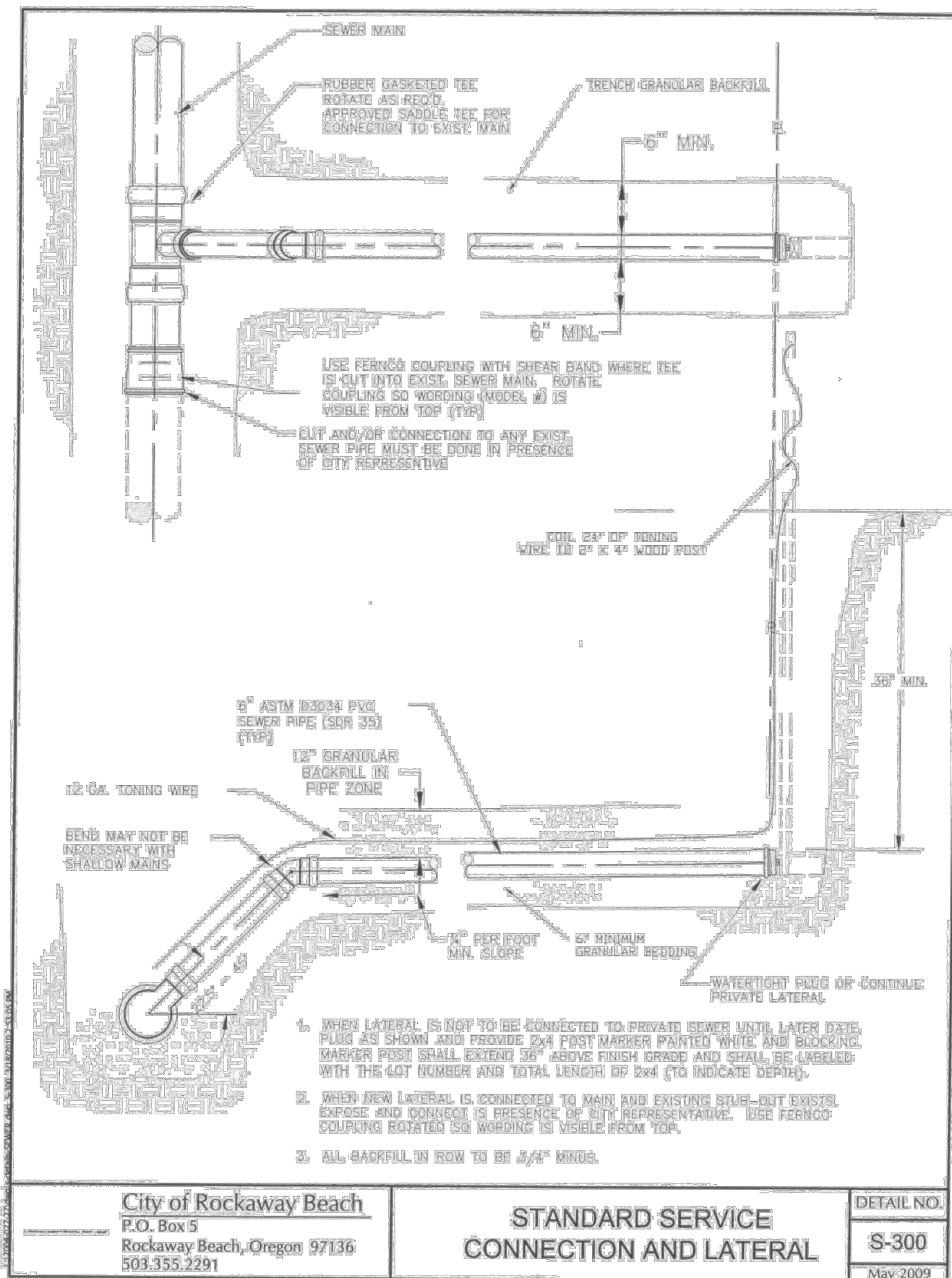
Designed By: ARB | Drawn By: MC | Checked By: MDM | Submittal No.: 3RD ENGR
 File: L:\2015-009.23\4-Design\DWG\ARCHIVE\WAYSIDE BEACH ACCESS - Standard (...)

REV.	DATE	DESCRIPTION	BY

IF THIS LINE IS NOT 1/8" INCH SCALE IS NOT AS SHOWN

CITY OF ROCKAWAY BEACH
 276 US-101, ROCKAWAY BEACH, OR 97136
ANCHOR ST PARK + WAYSIDE RESTROOM
 S ANCHOR STREET + S FIRST AVENUE
WAYSIDE RESTROOM





RIPRAP:

- ROCK FOR RIPRAP SHALL BE ANGULAR IN SHAPE.
- THICKNESS OF A SINGLE ROCK SHALL NOT BE LESS THAN ONE-THIRD ITS LENGTH.

RIPRAP INSTALLATION:

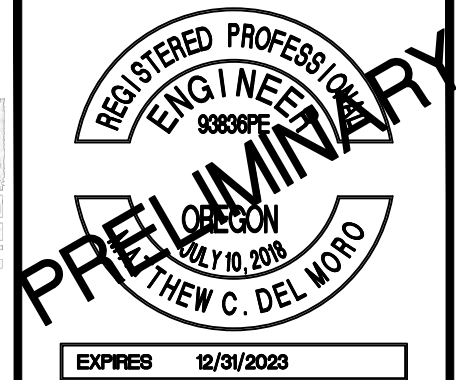
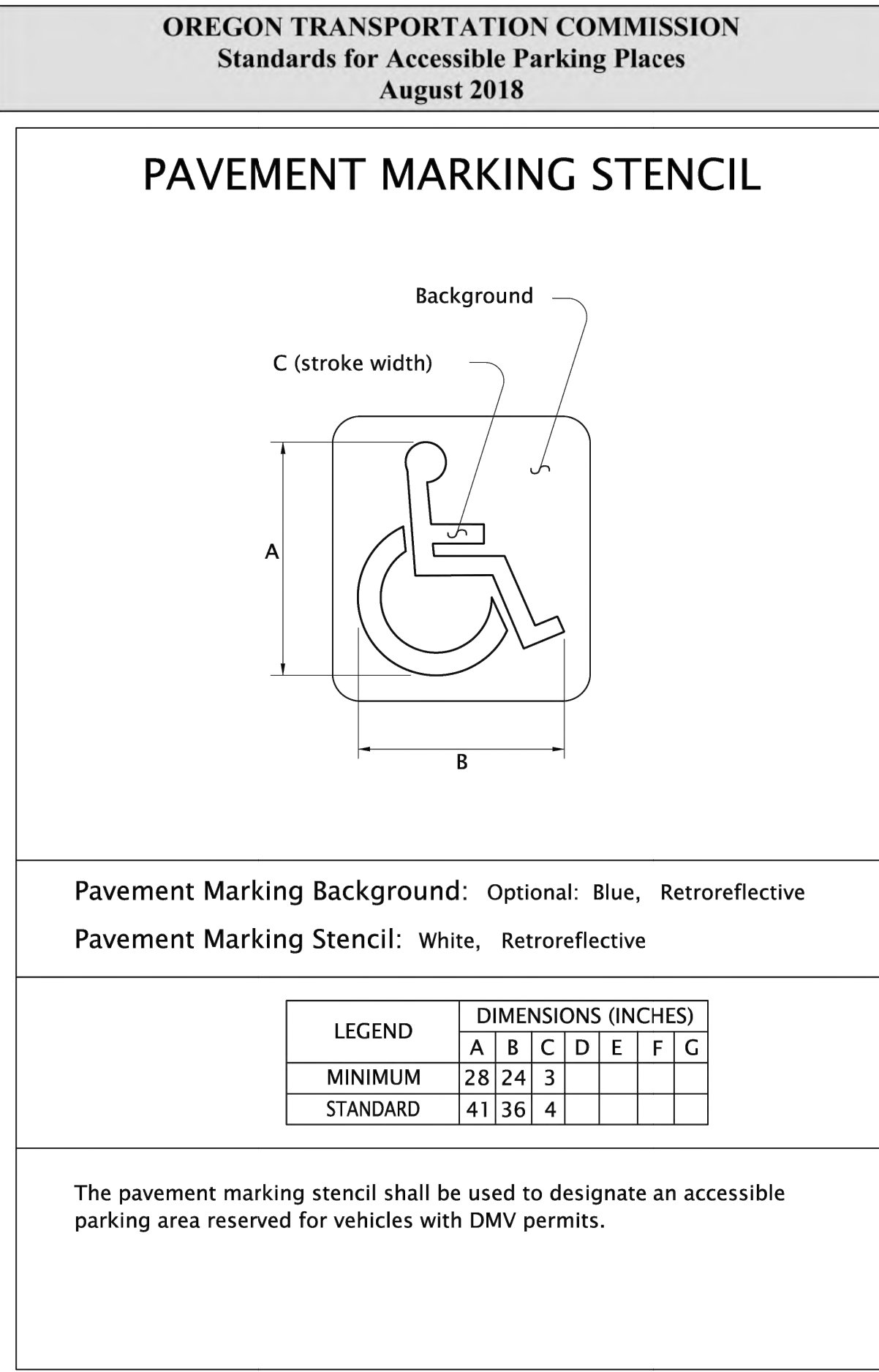
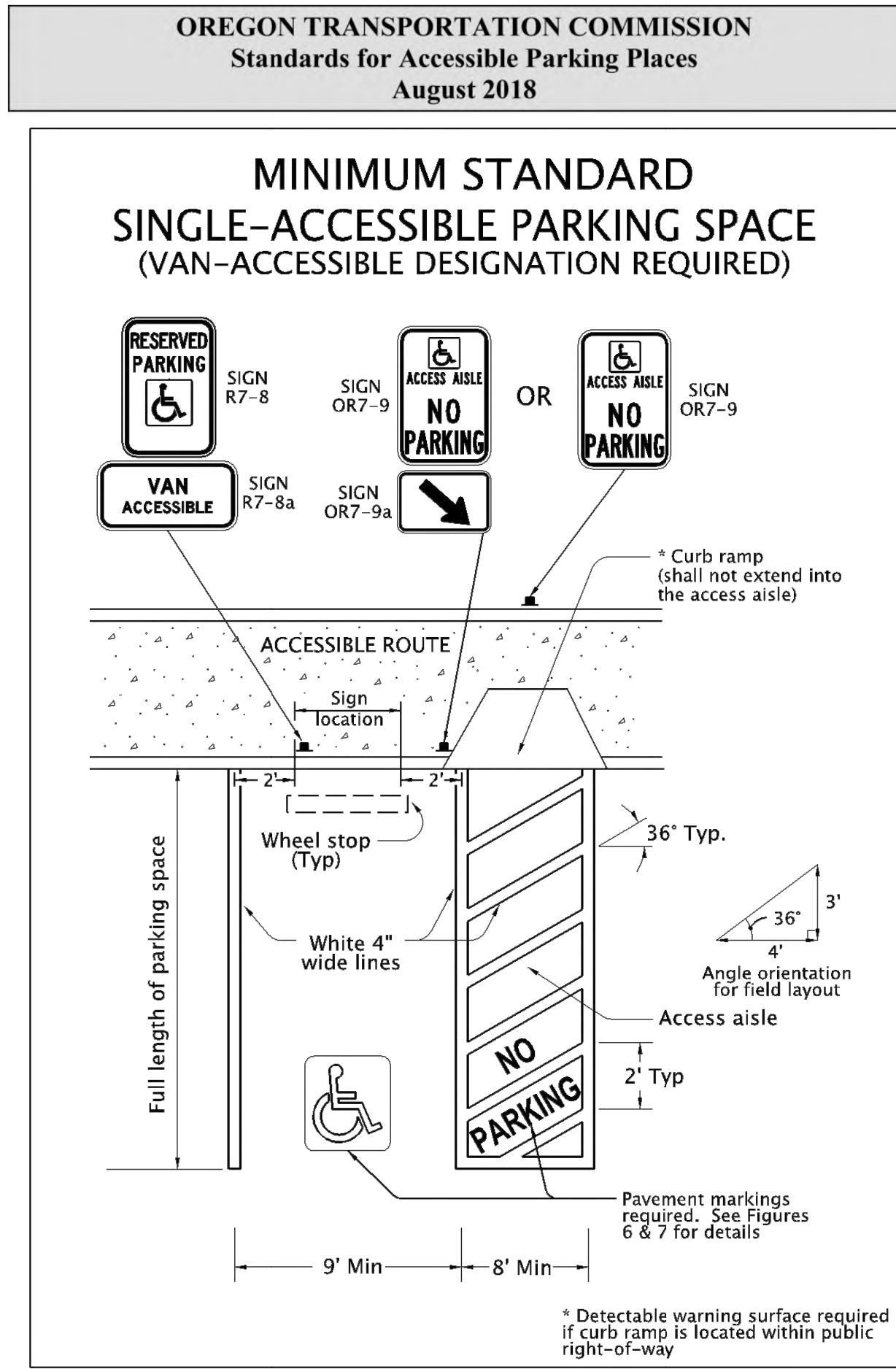
- EXCAVATE BELOW FINISH GRADE TO DEPTH & DIMENSIONS SHOWN ON APPROVED PLANS.
- INSTALL WOVEN GEOTEXTILE FABRIC.
- PLACE RIP RAP TO FINISH GRADE.

GRADE RIPRAP SHALL BE THE CLASS AND SIZE OF ROCK ACCORDING TO THE FOLLOWING:

CLASS	CLASS	CLASS	CLASS	CLASS		PERCENT (BY WEIGHT)
50	100	200	700	2000		
		WEIGHT OF ROCK (LBS)				
50-30	100-60	200-140	700-500	2000-1400		20
30-15	60-25	140-80	500-200	1400-700		30
15-2	25-2	80-8	200-20	700-40		40
2-0	2-0	8-0	20-0	40-0		10

REVISIONS:

DATE:	N.T.S.
APPROVED BY:	
STANDARD DRAWING:	422



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REV.	DATE	DESCRIPTION

CITY OF ROCKAWAY BEACH
276 US-101, ROCKAWAY BEACH, OR 97136

ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE

DETAILS 1



Figure 7

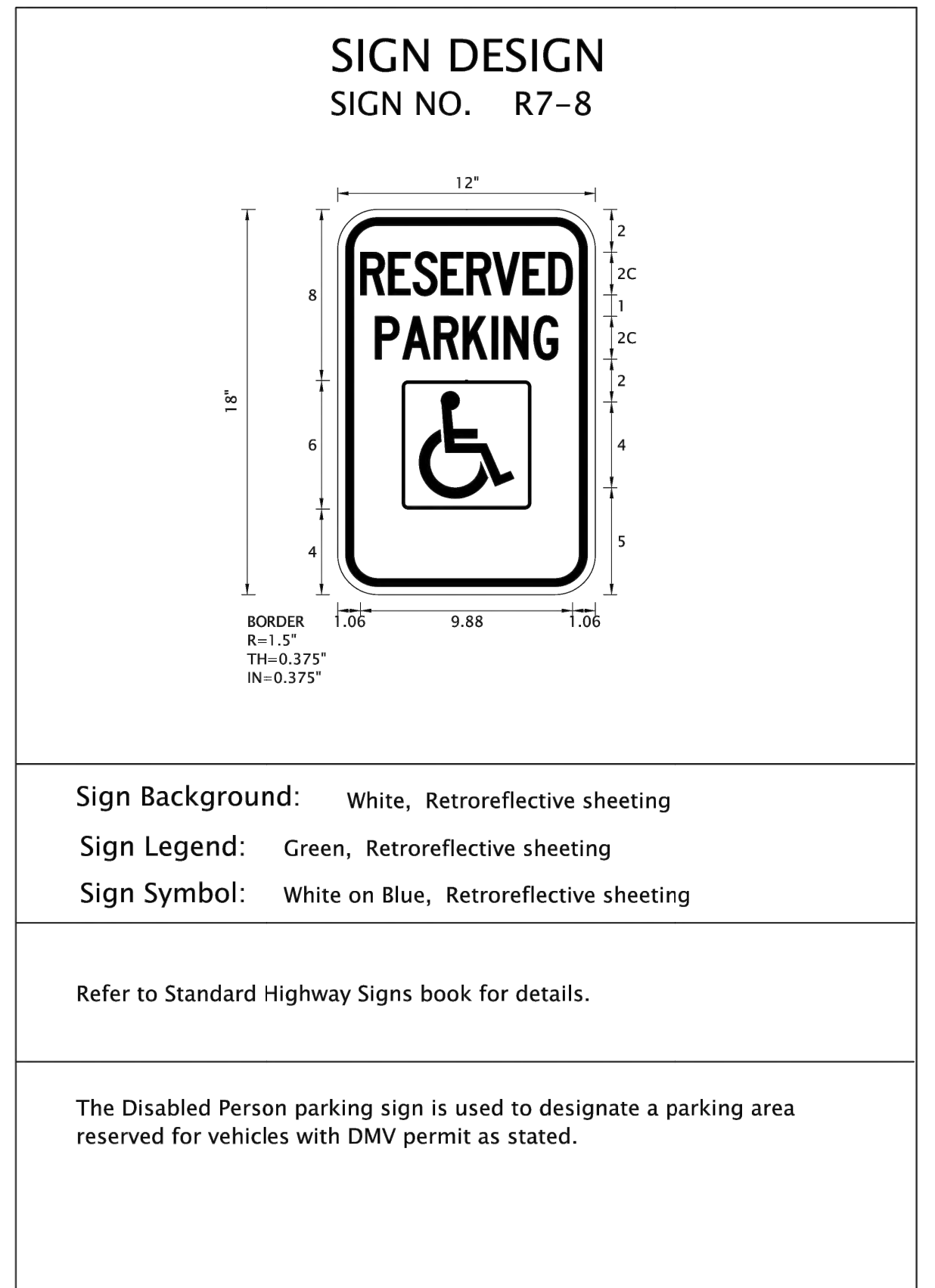
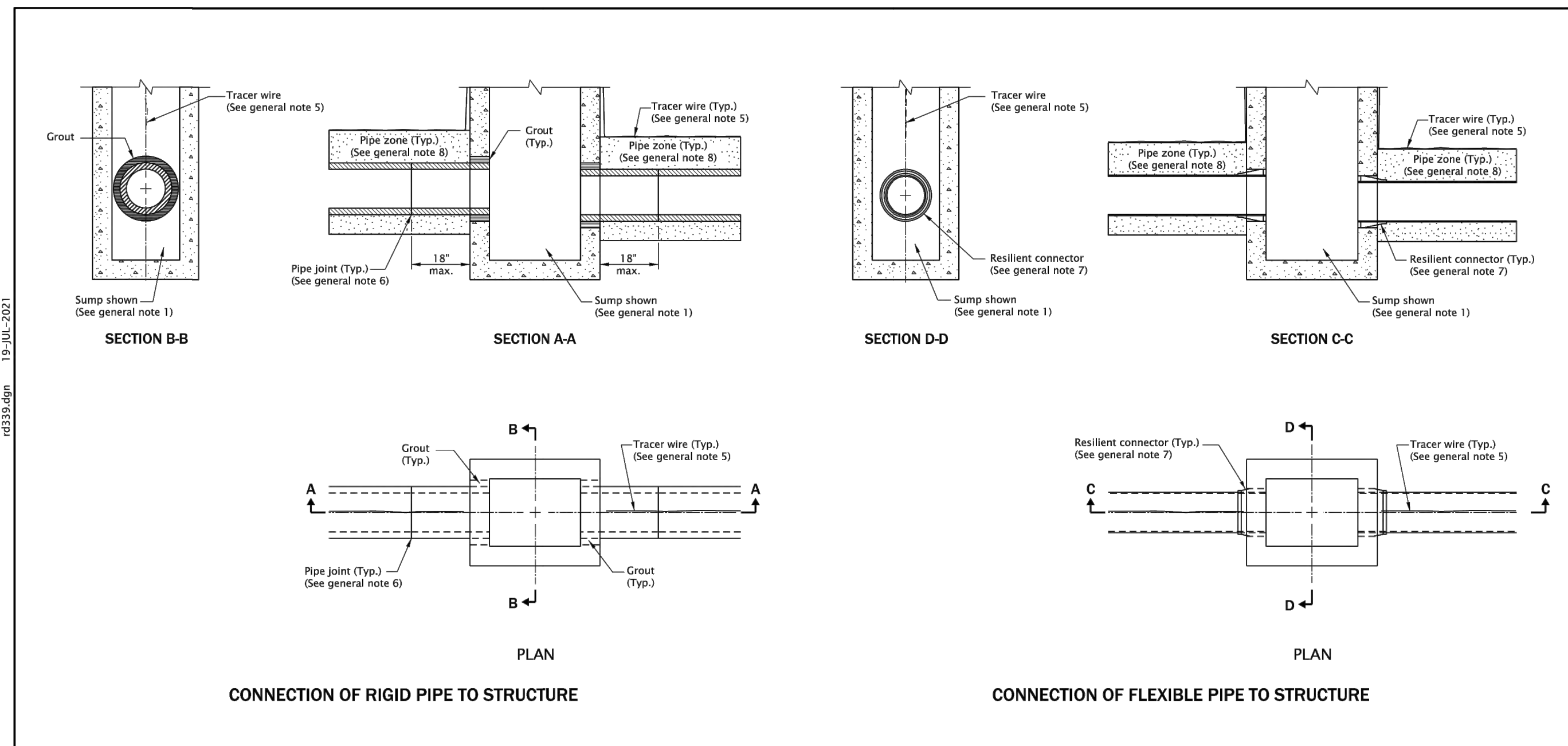
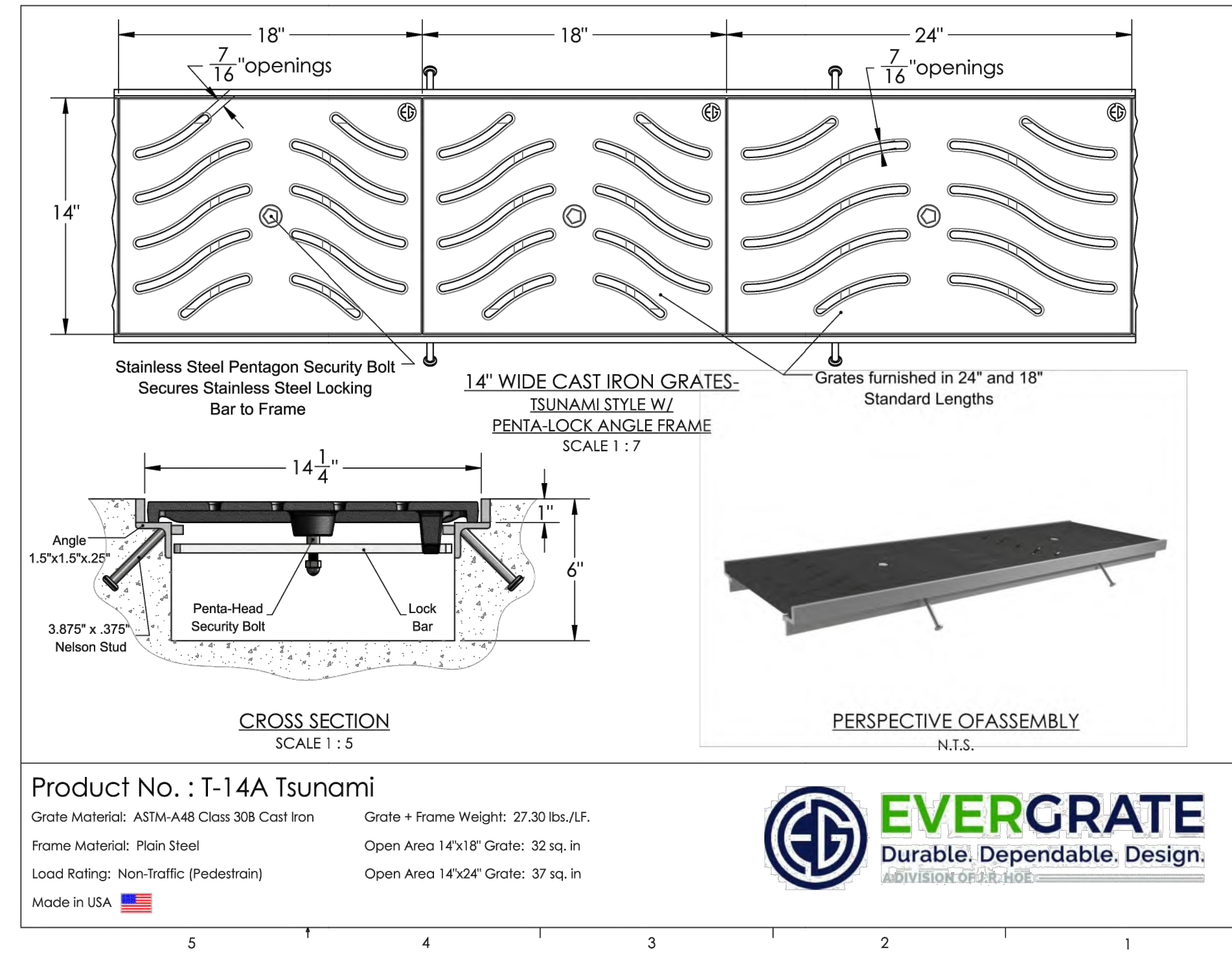


Figure 8



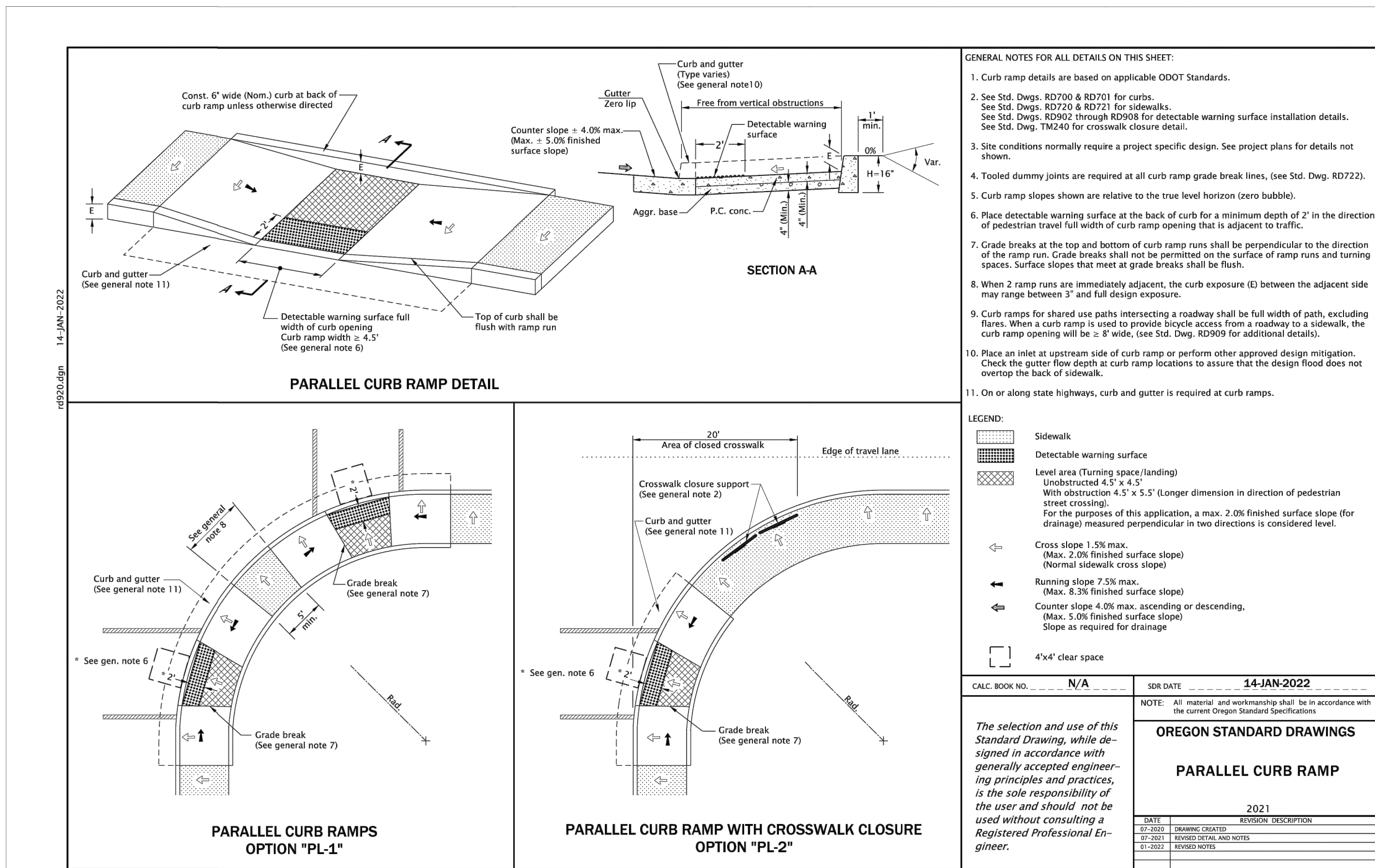
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- See Std. Dwg. RD364, RD365, and RD366 for inlet details not shown.
- See appropriate standard drawings or special project details for other similar structures.
- Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
- Maximum pipe diameter varies with pipe material.
- All connecting pipes shall have a tracer wire, or approved alternate. See Std. Dwg. RD336 for tracer wire details.
- When rigid pipe is used, the connecting pipe shall have a flexible, gasketed and unrestrained joint within 18" of structure wall. Joint type varies with manufacturer.
- When flexible pipe is used, install resilient connectors conforming to requirements of ASTM C923.
- Pipe zone varies, see Std. Dwg. RD300.

CALC. BOOK NO. N/A	SDR DATE 19-JUL-2021	OREGON STANDARD DRAWINGS PIPE TO STRUCTURE CONNECTIONS
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications		
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 consulting a Registered Professional Engineer.		
DATE 2021	REVISION DESCRIPTION	
07-2021	DRAWING CREATED	
07-2021	REVISED DETAIL AND NOTES	
01-2022	REVISED NOTES	

Effective Date: December 1, 2022 - May 31, 2023

RD339



Effective Date: December 1, 2022 - May 31, 2023

RD920



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REV.	DATE	DESCRIPTION

ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE

DETAILS 2

CITY OF ROCKAWAY BEACH, OR 97136
276 US-101, ROCKAWAY BEACH, OR 97136

TYPE CL-6
For runs of fence of 20' or less, omit truss rod and install lower brace rail in alternate position at End and Corner Posts.

TYPE CL-6R
600'-0" max. run

TYPES CL-4 & CL-5

TYPES CL-4R & CL-5R

GATES

TABLE 1

TYPE	BRACE AND TOP RAILS		LINE POSTS		MEMBER END, CORNER & INTERMEDIATE END POST		GATE OPENING (ft)		GATE POSTS	
	Fence Industry (in)	Nom. Dia. (in)	Fence Industry (in)	Nom. Dia. (in)	Fence Industry (in)	Nom. Dia. (in)	SINGLE GATE	DOUBLE GATE	Fence Industry (in)	Nom. Dia. (in)
CL-4 & CL-4R	1 1/2	1 1/2	1 1/2	1 1/2	1 3/4 x 2 1/2	2 1/2	Up thru 6	Up thru 12	2 1/2	2 1/2
CL-5 & CL-5R	1 1/2	1 1/2	1 1/2	1 1/2	1 3/4 x 2 1/2	2 1/2	7 thru 13	13 thru 26	4	3 1/2
CL-6 & CL-6R	1 1/2	1 1/2	2 1/2	2 1/2	2 1/4 x 4 1/2	2 1/2	14 thru 18	27 thru 36	6 1/2	6

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Do not use top rail where fence can be struck by an errant vehicle.
- Fittings shown are illustrative of use and not specific as to design.
- Gate posts on each side of a gate opening to be same size. At a double gate installation with unequal width gates, size of both posts to be as indicated for a single gate installation of the wider gate width.
- For cross sectional dimensions of members, see Table 1.
- Posts and rails with sections not shown that meet the requirements of AASHTO M 181 are acceptable alternatives.
- See DOT's Q8 for acceptable alternatives.
- All concrete shall be commercial grade concrete.
- All chain link fabric top and bottom sewage shall be knuckled flush.
- Chain link fabric for the fence to be installed with pickets shall be 3 gauge wire woven in 3 1/2" by 5 1/2" diamond mesh.
- See project plans for details not shown.
- Add fence grounding as required.

OREGON STANDARD DRAWINGS
CHAIN LINK FENCE
2021

Effective Date: December 1, 2022 - May 31, 2023 RD815

CONSTRUCTION ENTRANCE - TYPE 1
NOT TO SCALE

CONSTRUCTION ENTRANCE - TYPE 2
NOT TO SCALE

CONSTRUCTION ENTRANCE - TYPE 3
(TYPE 1 OR 2 WITH EXISTING CURB)
NOT TO SCALE

WOODEN CURB RAMP SECTION D-D
NOT TO SCALE

SECTION A-A
NOT TO SCALE

SECTION B-B
NOT TO SCALE

SECTION C-C
NOT TO SCALE

CONSTRUCTION ENTRANCE TABLE

Length (ft)	Area Of Exposed Soil (Acres)
20	0.25
50	0.25 < A < 1.0
100	A > 1.0

GENERAL NOTES:

- The Type 1 entrance is a simple entrance without a diversion ridge or settling basin.
- The wooden ramp may be used on either Type 1 or Type 2 entrances in situations where there is curb and the curb is not removed for the construction entrance.

OREGON STANDARD DRAWINGS
CONSTRUCTION ENTRANCES
2021

Effective Date: December 1, 2022 - May 31, 2023 RD1000

BIOFILTER BAGS - TYPE 4
NOT TO SCALE

PLAN DITCH INLET

PLAN AREA DRAIN

SECTION A-A DITCH INLET

PLAN CATCH BASIN

BIOFILTER BAGS - TYPE 4
NOT TO SCALE

GENERAL NOTES:

- Stake biofilter bags with 2"x2"x36" wood stakes, and use a minimum 2 stakes per bag. Drive stakes a minimum of 6" into the ground and flush with the top of the bags.
- Omit stakes when bags are placed on pavement surface.
- Overlap all bag joints 6".
- Biofilter bags used on active roadways are easily displaced and made ineffective if struck by vehicles. If struck by a cyclist, falls with injury could result. On active roadways alternative inlet protection should be considered.

OREGON STANDARD DRAWINGS
INLET PROTECTION TYPE 4
2021

Effective Date: December 1, 2022 - May 31, 2023 RD1015

SEDIMENT FENCE AND GEOTEXTILE BURY DETAIL - TYPE 1
NOT TO SCALE

ALTERNATE SEDIMENT FENCE WITHOUT TRENCHING - TYPE 2
NOT TO SCALE

GENERAL NOTES:

- Use must be approved by the engineer.
- Not approved for use with sediment fencing with seams in post sleeves.

FENCE SPACING FOR GENERAL APPLICATION TABLE

GRADE	MAXIMUM SPACING ON GRADE
Grade < 10%	300'
10% < Grade < 15%	150'
15% < Grade < 20%	100'
20% < Grade < 30%	50'
30% < Grade	25'

POST SPACING TABLE

Post Spacing	Sediment Fence with Geotextile elongation less than 50%	Sediment Fence with Geotextile elongation 50% or more
6'	10'	12'
8'	13'	16'
10'	17'	21'

OREGON STANDARD DRAWINGS
SEDIMENT FENCE
2021

Effective Date: December 1, 2022 - May 31, 2023 RD1040

REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12/31/2023

PRELIMINARY
CREATED JULY 10, 2018
THEW C. DEL MONO

501 E First Street
Newberg, Oregon 97132
CONSULTING 503/544-9553 fax 503/537-9554
email: mail@hbh-engineers.com

H B H ENGINEERS

Designed By: ARB | Checked By: MDM | Submitted No.: SRD ENGR
Drawn By: ARB | File: L:\2015-009-2014-Design\DWGS\DETAILS.dwg

BY: _____
REV. DATE DESCRIPTION

IF THIS LINE IS NOT 1 INCH SCALE IS NOT AS SHOWN

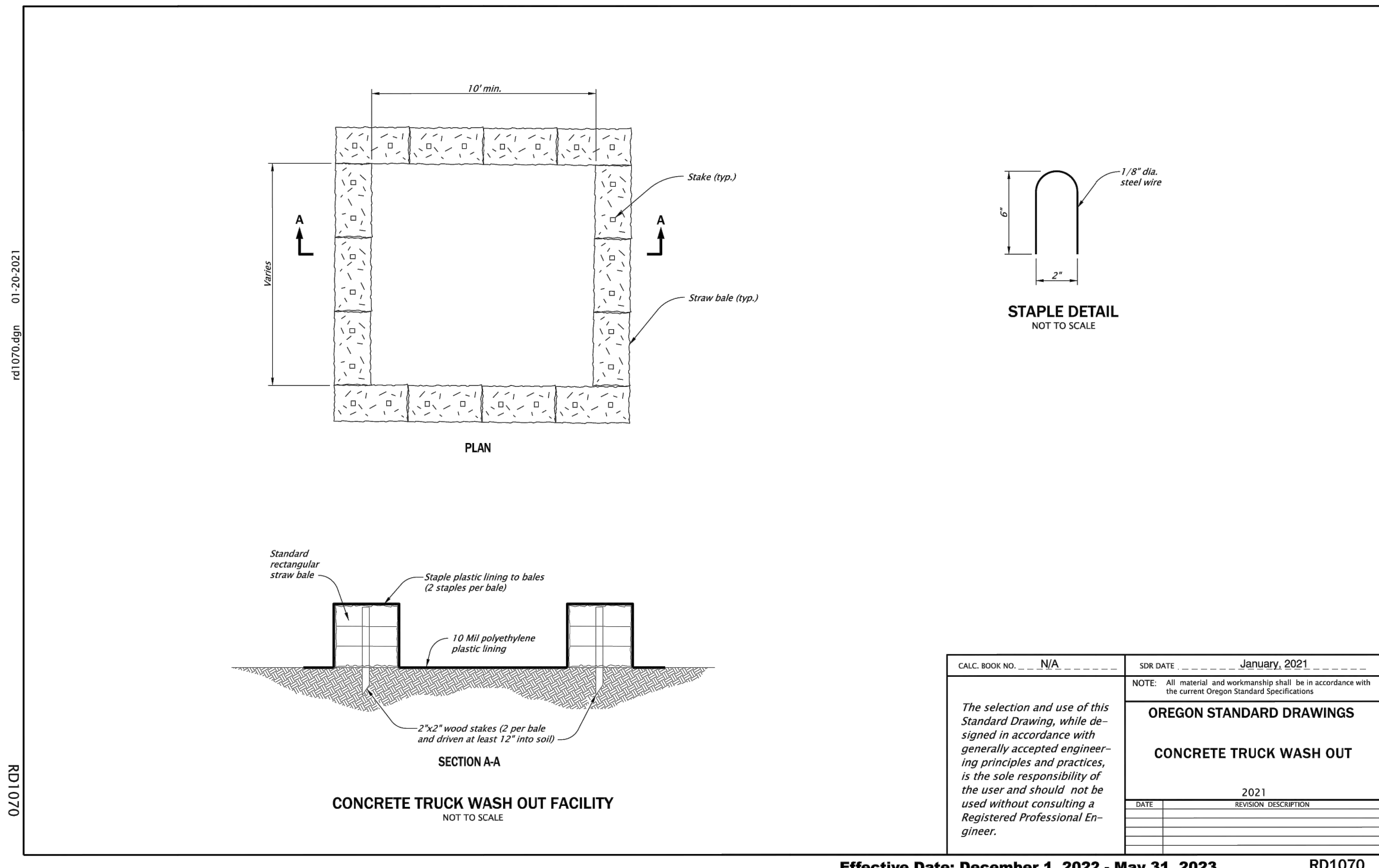
CITY OF ROCKAWAY BEACH
276 US-101, ROCKAWAY BEACH, OR 97136

ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE

DETAILS 3

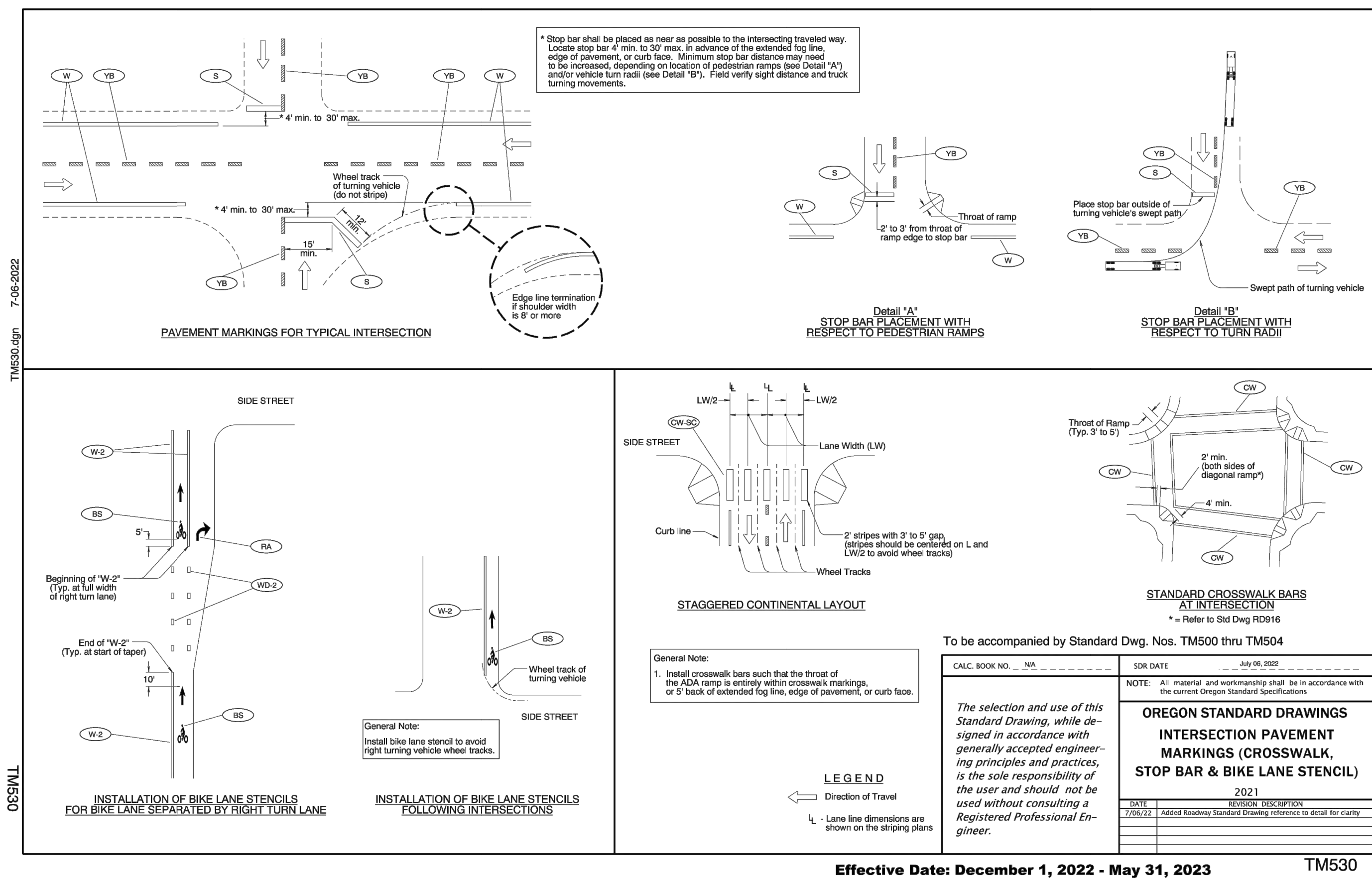
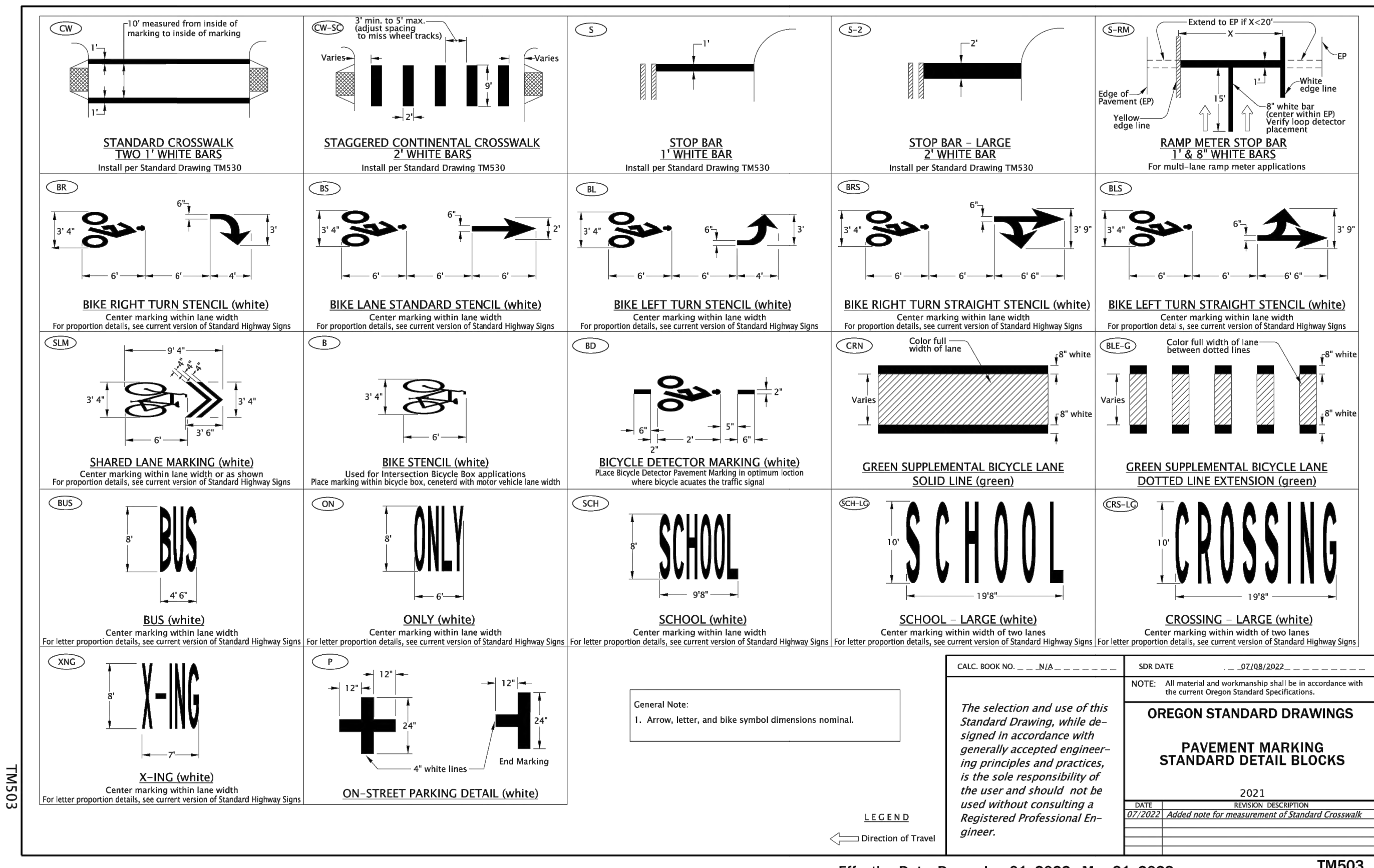
G12
4/28/2023
2015-009.26

Date: Sheet No. 12 of 13



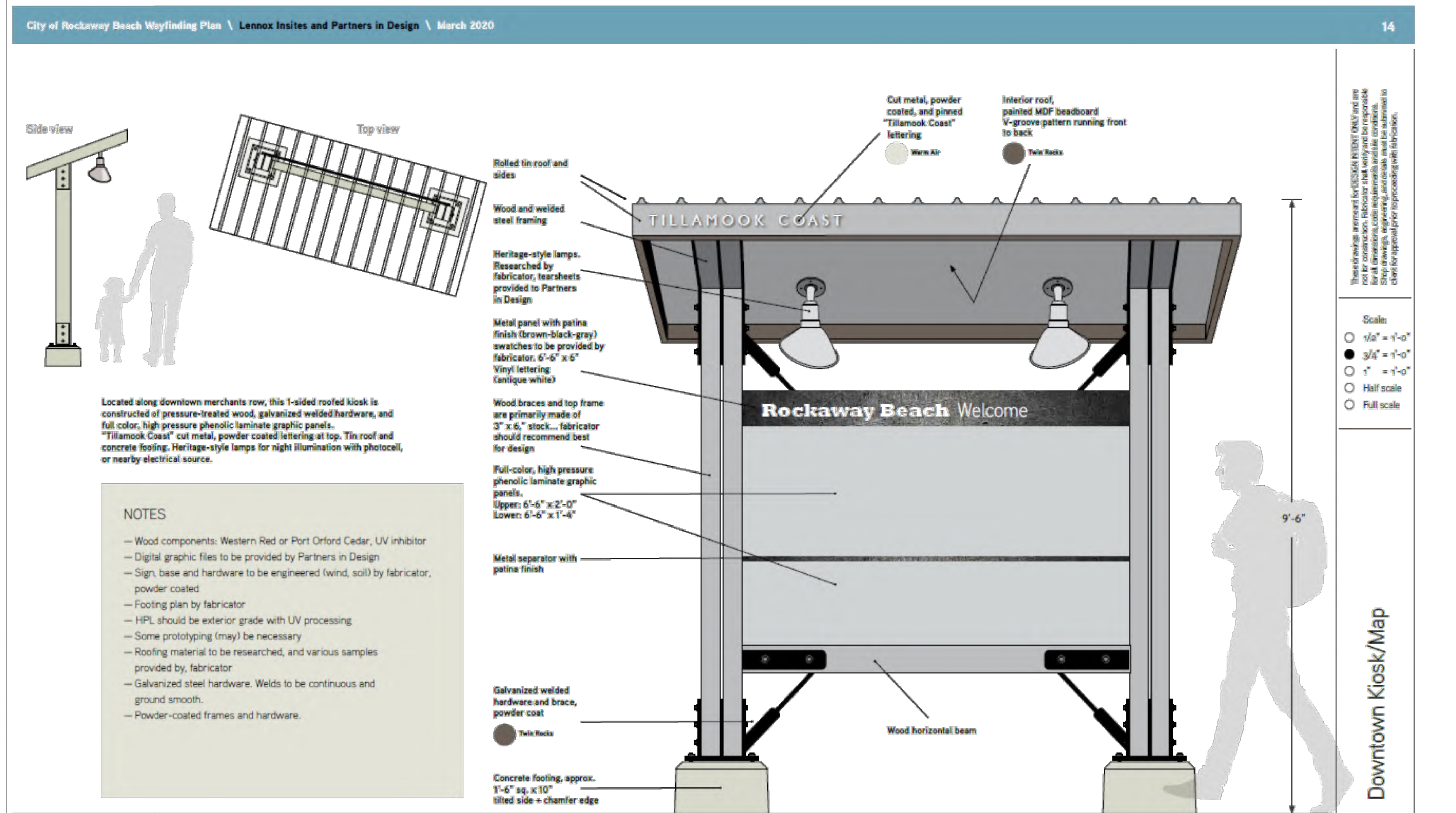
CALC. BOOK NO.	N/A	SOR DATE	January, 2021
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
CONCRETE TRUCK WASH OUT			
DATE	2021	REVISION DESCRIPTION	

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 consulting a Registered Professional Engineer.



CALC. BOOK NO.	N/A	SOR DATE	JUN 06, 2002
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
INTERSECTION PAVEMENT MARKINGS (CROSSWALK, STOP BAR & BIKE LANE STENCIL)			
DATE	2021	REVISION DESCRIPTION	

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 consulting a Registered Professional Engineer.



REGISTERED PROFESSIONAL ENGINEER
OREGON
EXPIRES 12/31/2023

PRELIMINARY
THEW C. DEL. M.D.

H B H
CONSULTING ENGINEERS
501 E First Street
Newberg, Oregon 97132
503/554-9553 fax 503/537-9554
email: mail@hbh-engineers.com

Designed By: ARB | Checked By: ARB | Drawn By: ARB | Submittal No.: 3RD ENGR
File: L:\2015-009-26\4-Design\DWGS\DETAILS.dwg

REV.	DATE	DESCRIPTION

ANCHOR ST PARK + WAYSIDE RESTROOM
S ANCHOR STREET + S FIRST AVENUE
DETAILS 4

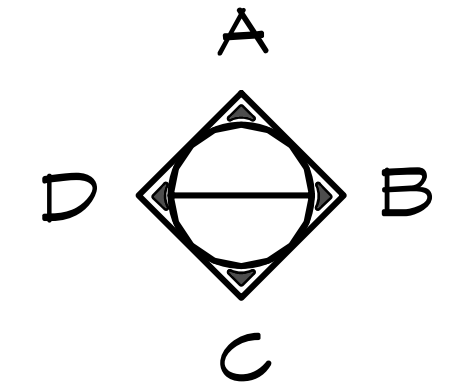
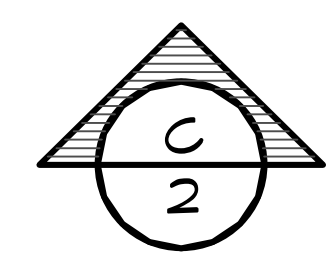
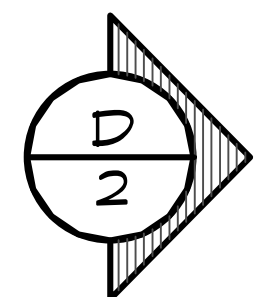
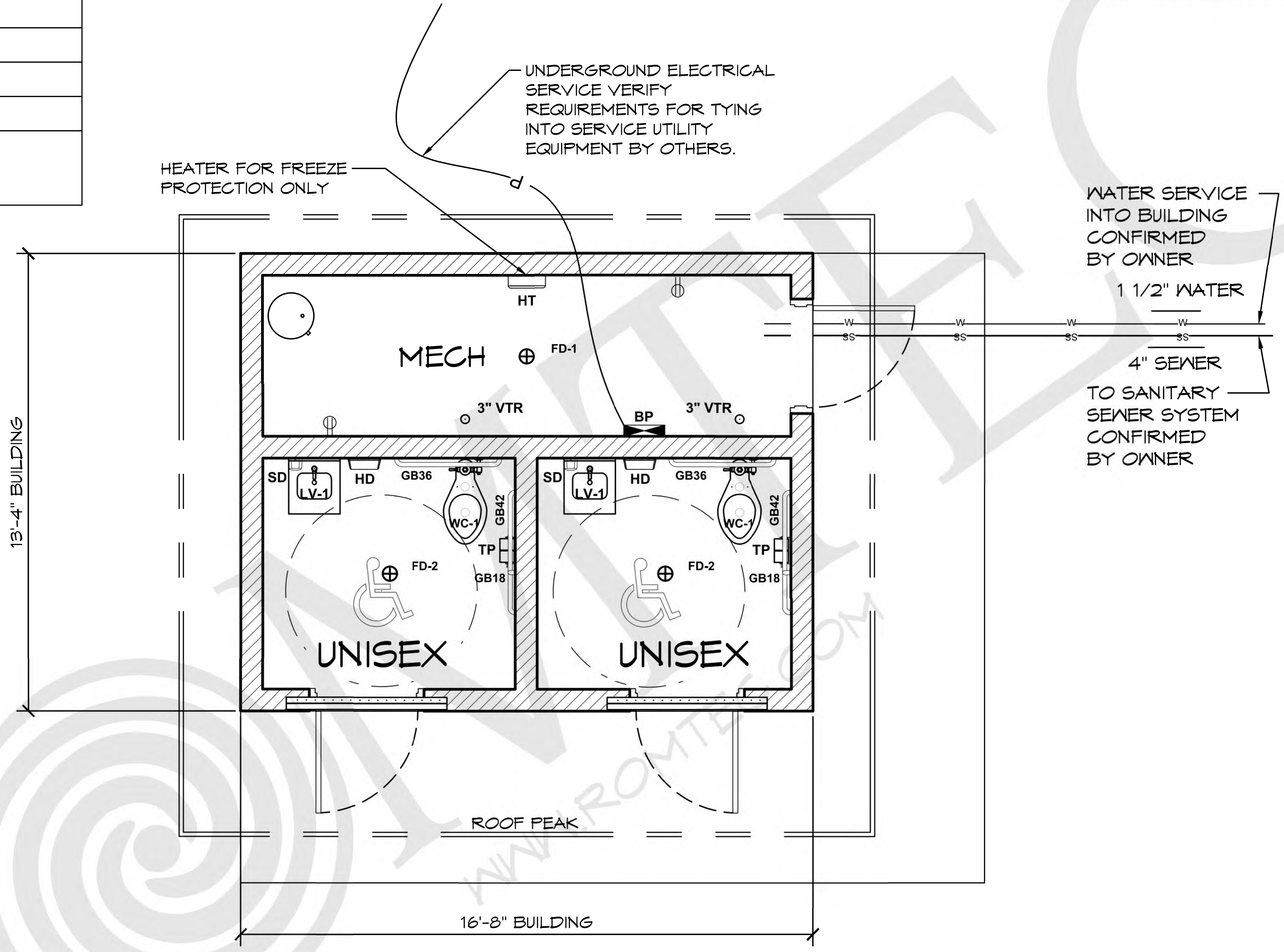
CITY OF ROCKAWAY BEACH
276 US-101, ROCKAWAY BEACH, OR 97136

G13
4/28/2023
2015-009.26

13 of 13

LEGEND		
SYMBOL	DESCRIPTION	AREA/ QUANTITY
	RIDGE WINDOW	2
	EXTERIOR WALL LIGHTS	3
	INTERIOR CEILING LIGHTS	3
	FLOOR DRAIN	3
	ELECTRICAL OUTLET	2
	18"X18" LOUVERED DOOR VENT	2
	ROMTEC VENTILATION PACKAGE; 4 INLINE FANS	1

WALL TYPE SCHEDULE	
	8" REINFORCED CONCRETE MASONRY BLOCK WALL WITH MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

THESE PLAN VIEW AND ELEVATION DRAWINGS ARE A PRELIMINARY ARCHITECTURAL REPRESENTATION OF THE BUILDING. ALL DIMENSIONS, FEATURES AND COMPONENTS SHOWN ON THESE PRELIMINARY DRAWINGS MAY OR MAY NOT BE PART OF THE QUOTE. PLEASE REFER TO THE "SCOPE OF SUPPLY AND SERVICES" LETTER PROVIDED WITH YOUR QUOTE FOR ROMTEC'S PROPOSED SCOPE OF SUPPLY.

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PROJECT: **HBH CONSULTING ENGINEERS
ROCKAWAY BEACH ANCHOR STREET PARK (RESTROOM)
ROCKAWAY BEACH, OREGON**

PROJECT#: **1995A**

DATE: **3/17/2023**

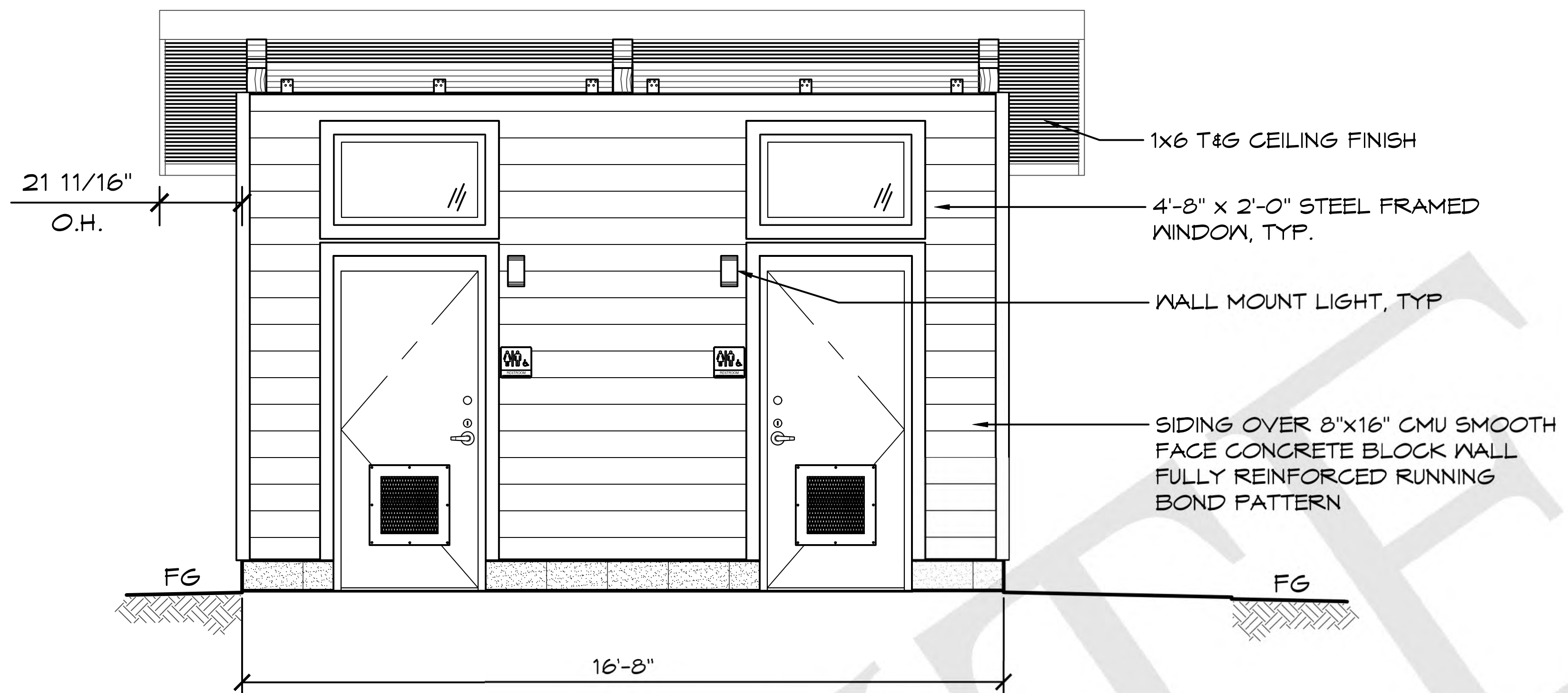
REVISIONS

REV.	DATE	BY

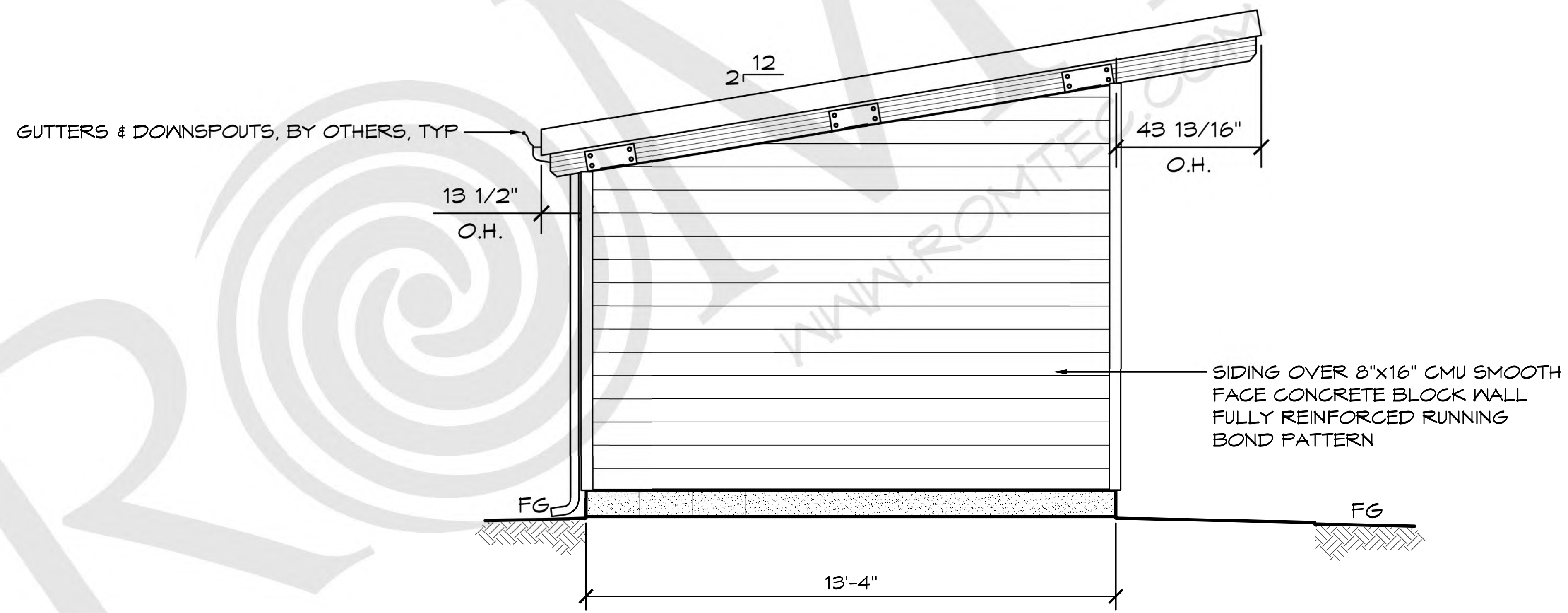
DRAWN BY: **CR / JRM**

SHEET NO. **01**

SHEET TITLE: **FLOOR PLAN**



C ELEVATION VIEW
SCALE: 1/4" = 1'-0"



D ELEVATION VIEW
SCALE: 1/4" = 1'-0"

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PROJECT:
HBH CONSULTING ENGINEERS
ROCKAWAY BEACH ANCHOR STREET PARK (RESTROOM)
ROCKAWAY BEACH, OREGON

PROJECT#: 1995A

DATE: 3/17/2023

REVISIONS


REV.	DATE	BY

DRAWN BY: CR / JRM

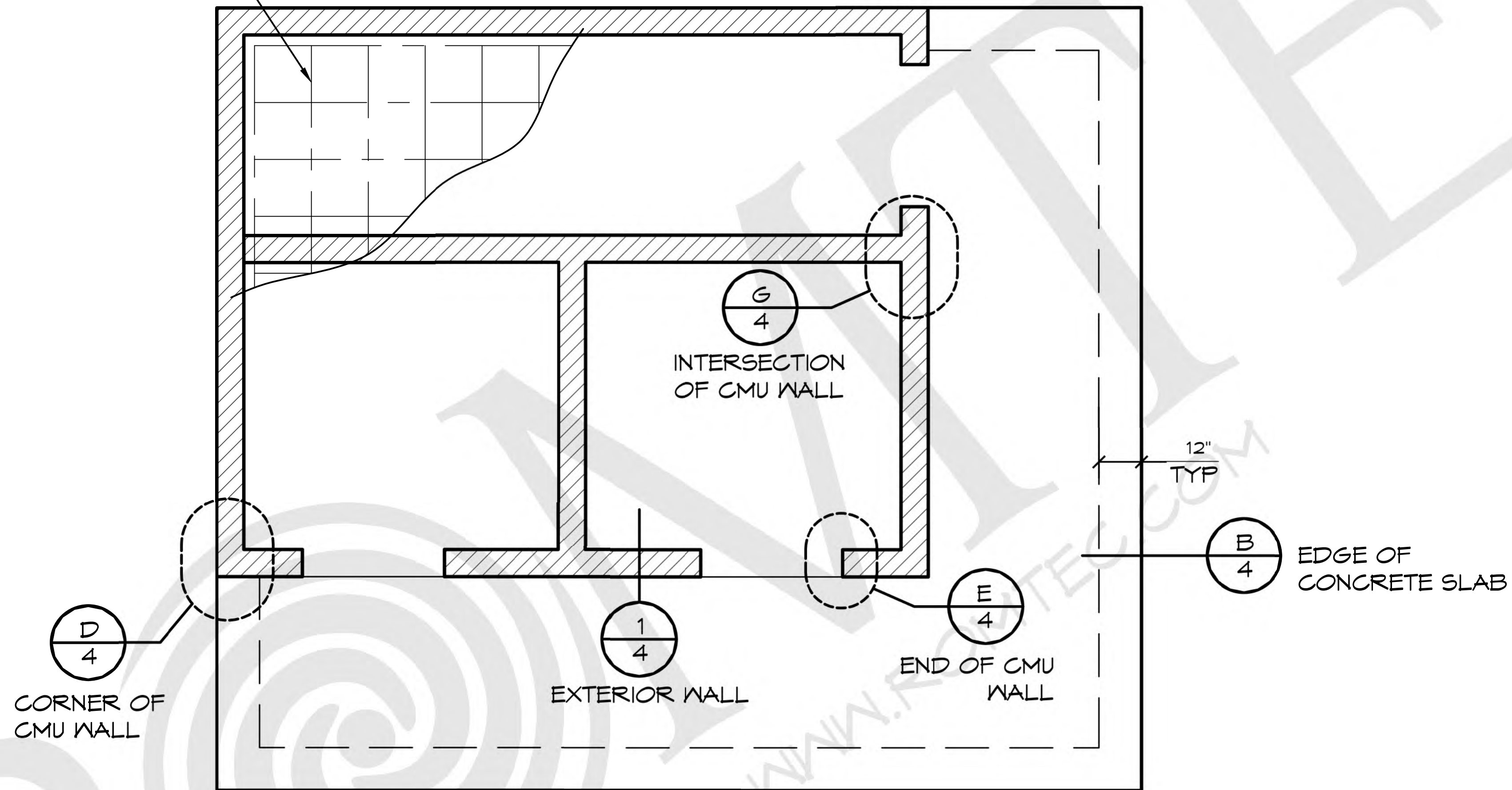
SHEET NO.

02

WALL TYPE SCHEDULE

 EXTERIOR WALL - 8" REINFORCED CONCRETE MASONRY BLOCK WALL WITH MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.

5" CONC SLAB W/ #5 REBAR @ 16" OC EM OVER 6" ENGINEERED FILL



1 EXAMPLE FOUNDATION
SCALE: 1/4" = 1'-0"

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PROJECT:
HBH CONSULTING ENGINEERS
ROCKAWAY BEACH ANCHOR STREET PARK (RESTROOM)
ROCKAWAY BEACH, OREGON

SHEET TITLE: BID DOC DETAILS

PROJECT#: 1995A

DATE: 3/17/2023

REVISIONS

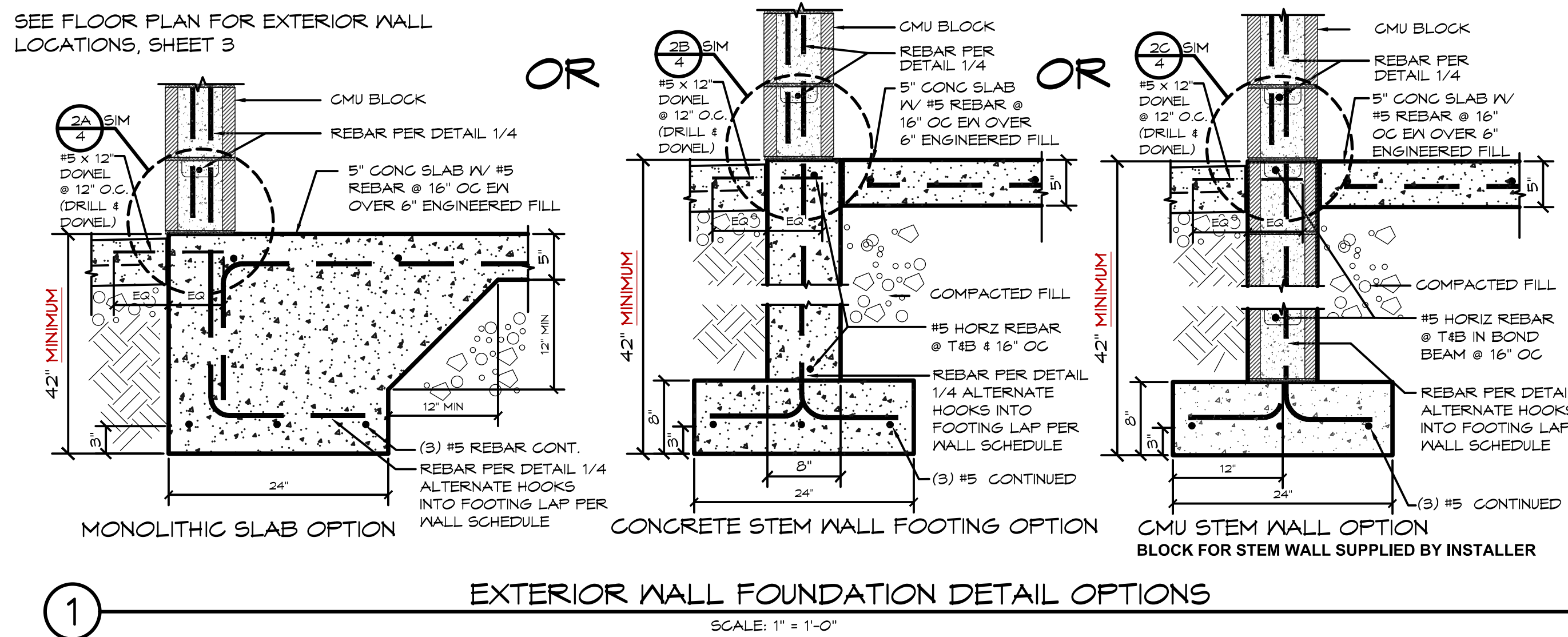
REV.	DATE:	BY

DRAWN BY: CR / JRM

SHEET NO. 03

EXTERIOR WALL FOUNDATIONS - CHOOSE ONE OF THE FOLLOWING

SEE FLOOR PLAN FOR EXTERIOR WALL LOCATIONS, SHEET 3



EXTERIOR WALL FOUNDATION DETAIL OPTIONS

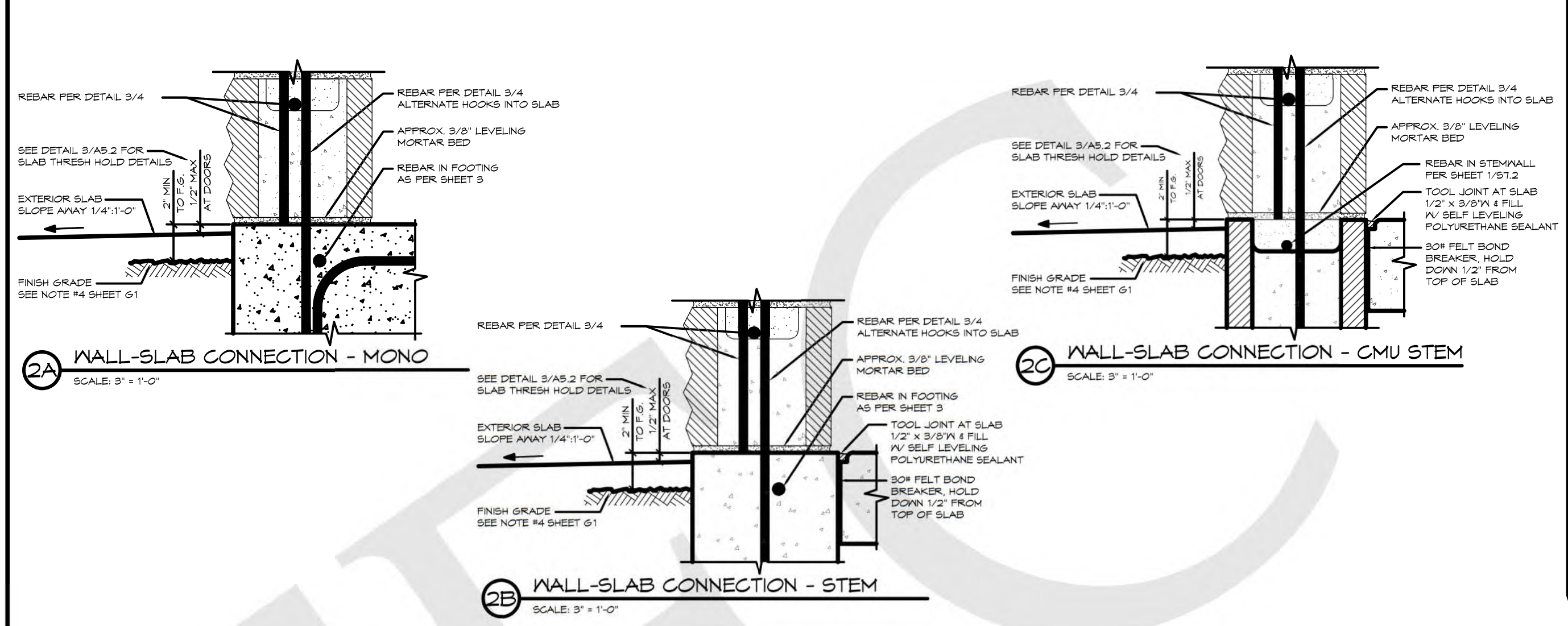
SCALE: 1" = 1'-0"

GENERAL NOTES:

- * WHEN USING EITHER STEM WALL OPTION RECESS STEM WALL THE THICKNESS OF SLAB AT DOOR THRESHOLD
- * PRIVACY WALLS SHALL HAVE A 30" WIDE x 12" DEEP FOOTING (IF APPLICABLE)
- * CMU STEM WALL OPTION, CMU BLOCK IS BY INSTALLER
- * VERTICAL REBAR IN SLAB/STEM WALL TO MATCH VERTICAL WALL REINFORCEMENT LAP PER WALL SCHEDULE

FOUNDATION DESIGN SHOWN HERE IS PRELIMINARY AND SUBJECT TO CHANGE. FINAL FOUNDATION DESIGN TO BE DETERMINED DURING THE FORTHCOMING FULL DESIGN PHASE FOR THE BUILDING. ANY INCREASED COSTS OR TIME NEEDED TO CONSTRUCT THE FINAL FOUNDATION DESIGN IS BETWEEN THE END OWNER AND THE BUILDING INSTALLER

EXTERIOR WALL FOUNDATIONS - PER DETAIL 1

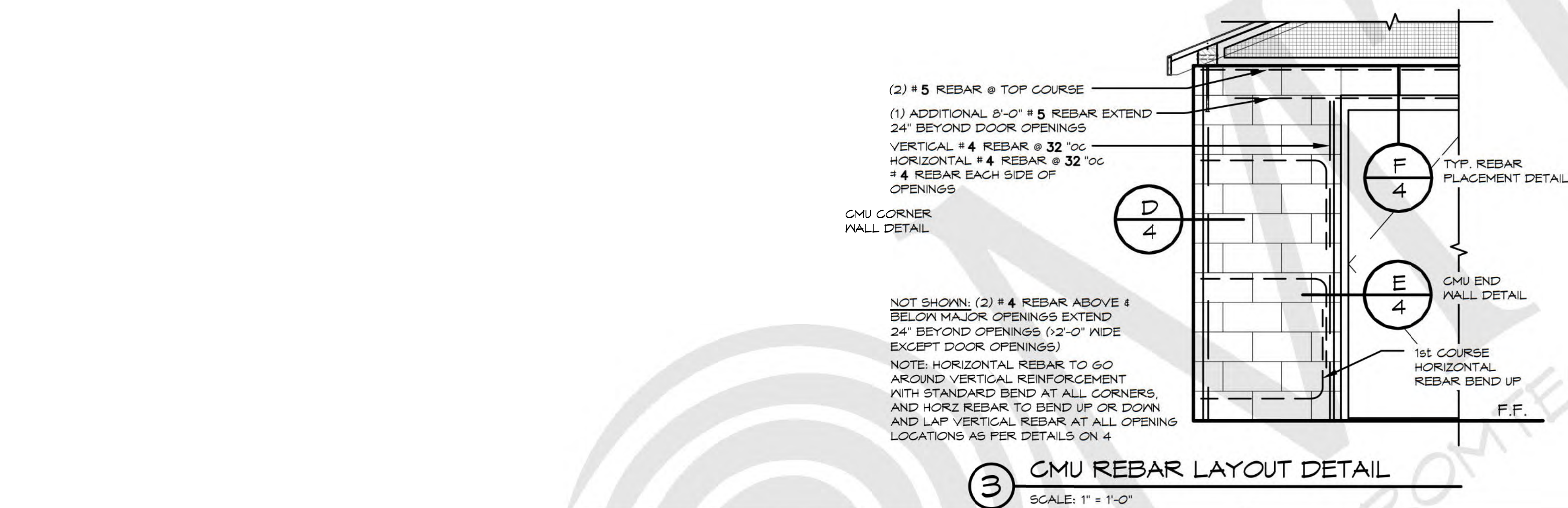


WALL-SLAB CONNECTION - MONO

WALL-SLAB CONNECTION - CMU STEM

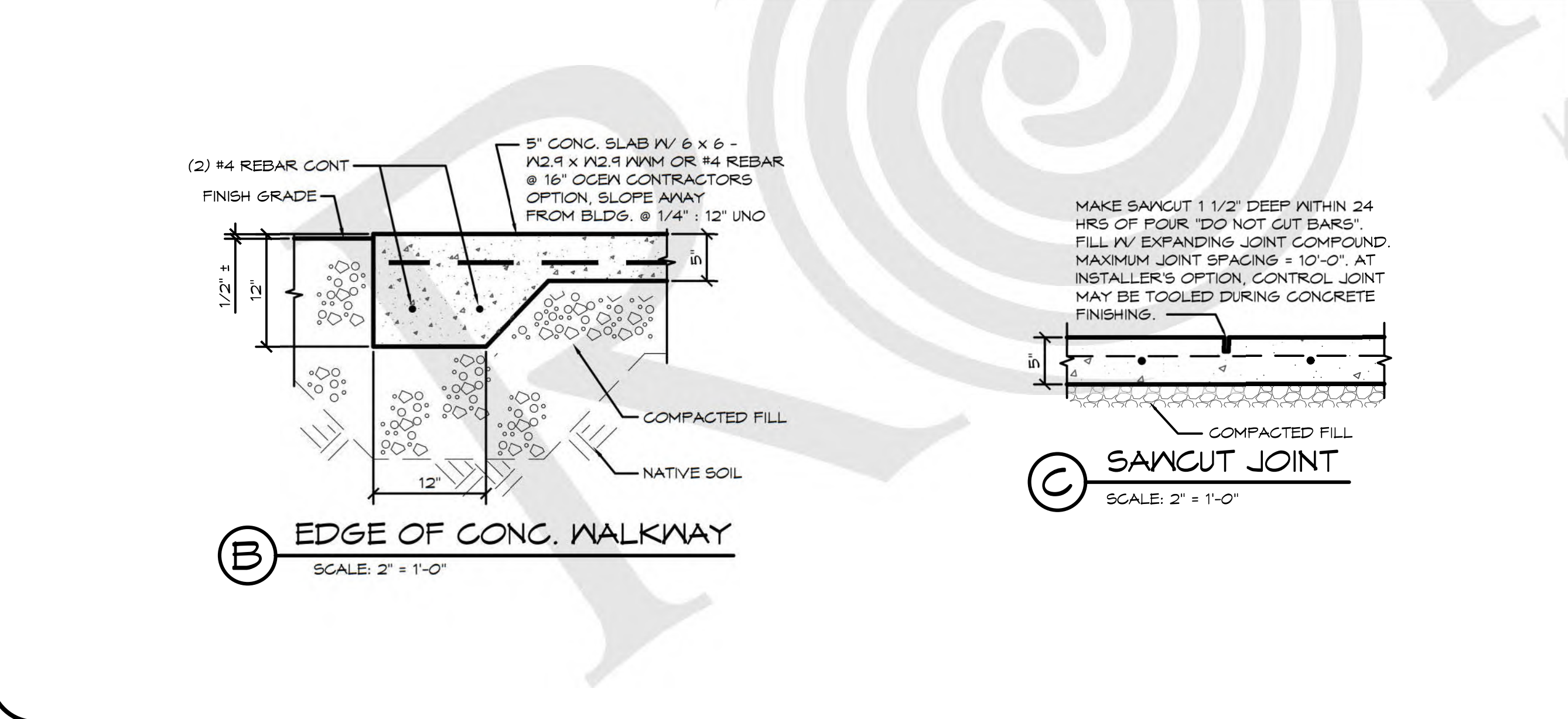
SCALE: 3/4" = 1'-0"

SCALE: 3/4" = 1'-0"



CMU REBAR LAYOUT DETAIL

SCALE: 1" = 1'-0"

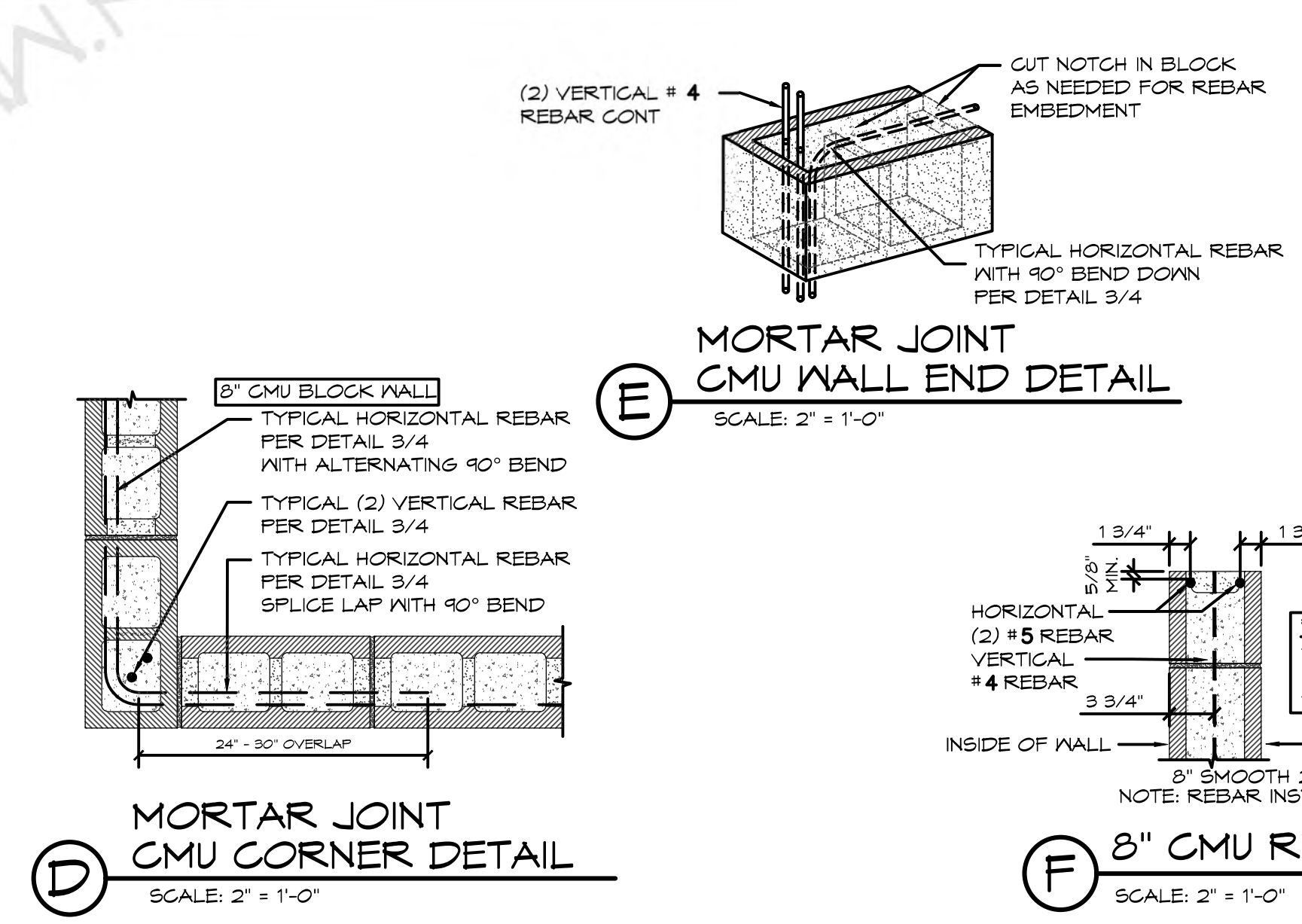


EDGE OF CONC. WALKWAY

SCALE: 2" = 1'-0"

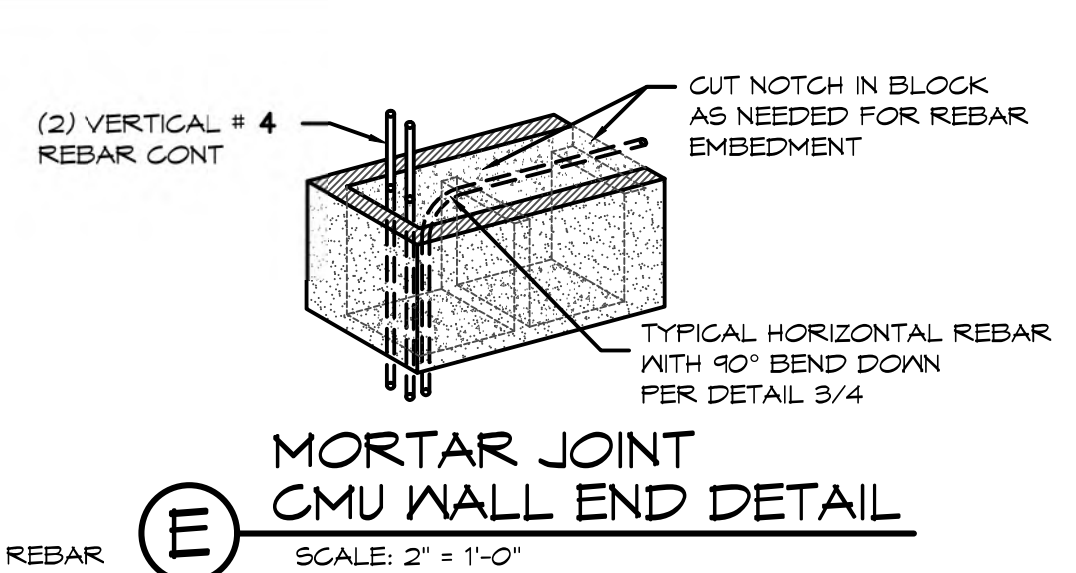
SAWCUT JOINT

SCALE: 2" = 1'-0"



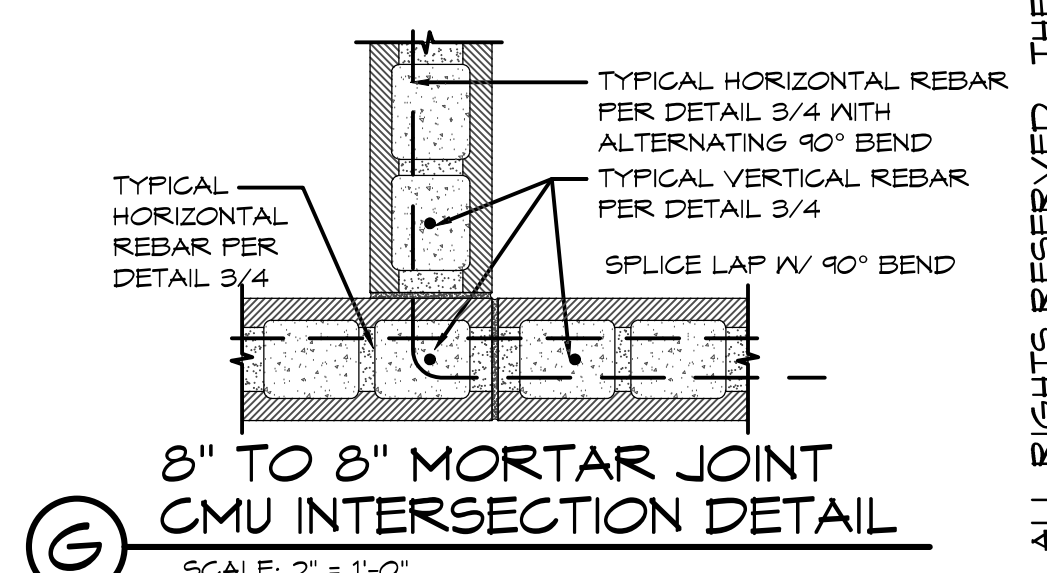
MORTAR JOINT CMU CORNER DETAIL

SCALE: 2" = 1'-0"



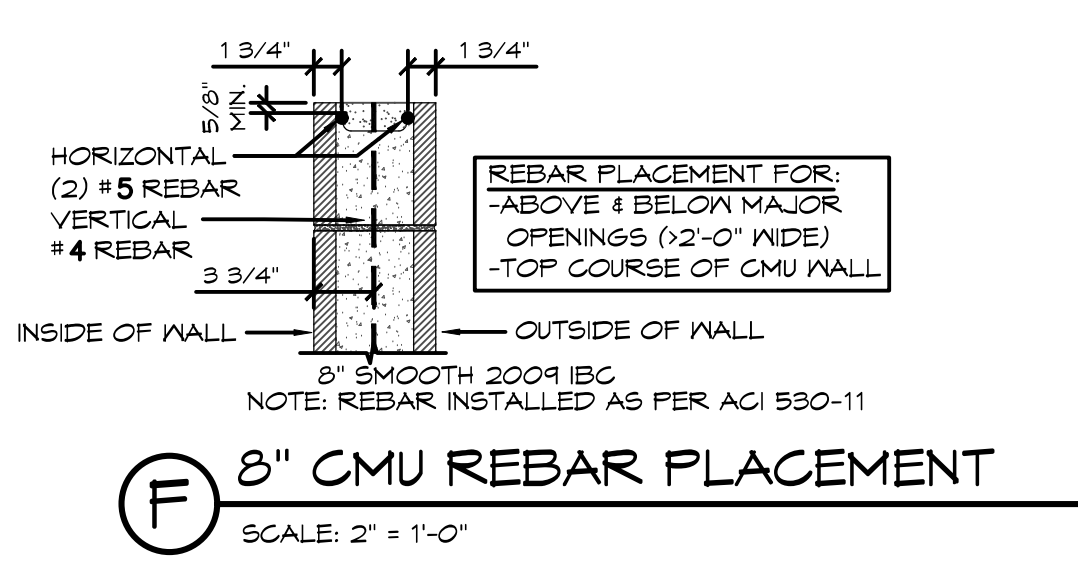
MORTAR JOINT CMU WALL END DETAIL

SCALE: 2" = 1'-0"



8" TO 8" MORTAR JOINT CMU INTERSECTION DETAIL

SCALE: 2" = 1'-0"



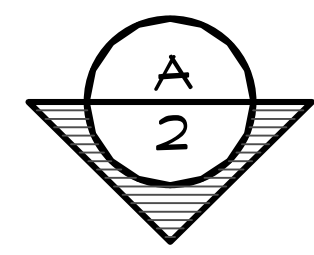
8" CMU REBAR PLACEMENT

SCALE: 2" = 1'-0"

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PRELIMINARY

PROJECT: HBH CONSULTING ENGINEERS
 ROCKAWAY BEACH ANCHOR STREET PARK (RESTROOM)
 ROCKAWAY BEACH, OREGON
 SHEET TITLE: BID DOC DETAILS

DATE: 3/17/2023
 REVISIONS
 REV. DATE BY
 DRAWN BY: CR / JRM
 SHEET NO. 04



24'-8" BUILDING

WALL TYPE SCHEDULE

	8" REINFORCED CONCRETE MASONRY BLOCK WALL WITH MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.
--	---

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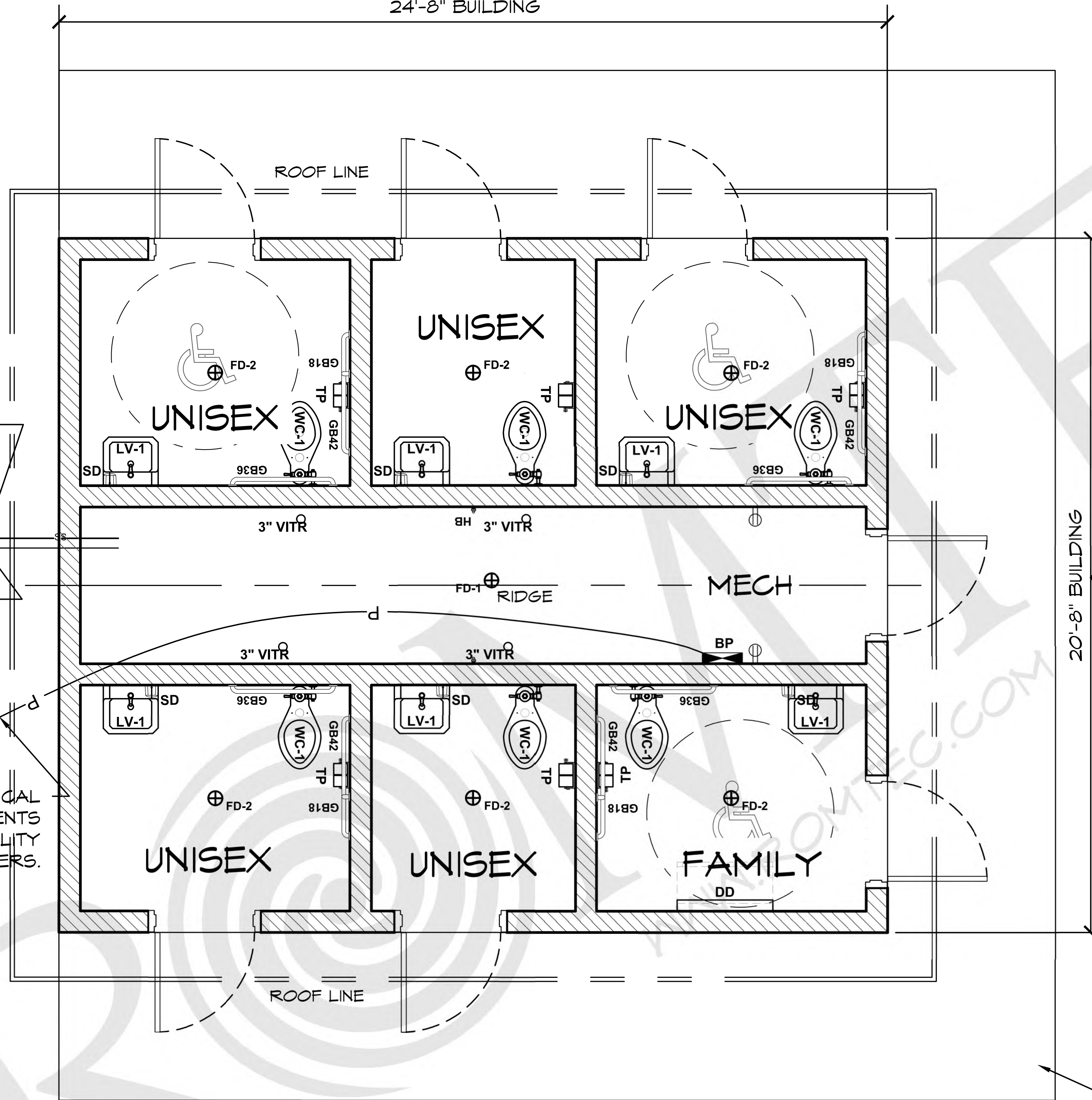
PRELIMINARY

TO SANITARY SEWER SYSTEM CONFIRMED BY OWNER

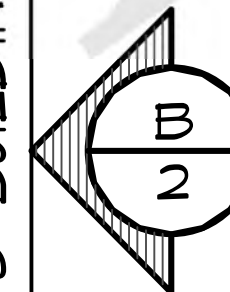
4" SEWER

1 1/2" WATER TO SANITARY SEWER SYSTEM CONFIRMED BY OWNER

UNDERGROUND ELECTRICAL SERVICE VERIFY REQUIREMENTS FOR TYING INTO SERVICE UTILITY EQUIPMENT BY OTHERS.



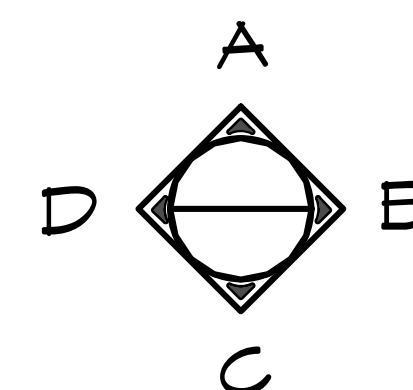
20'-8" BUILDING



LEGEND		
SYMBOL	DESCRIPTION	AREA/ QUANTITY
	EXTERIOR WALL LIGHTS	7
	INTERIOR CEILING LIGHTS	8
⊕ FD	FLOOR DRAIN	7
⊕	ELECTRICAL OUTLET	2

CONCRETE WALK BY INSTALLER

1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



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PROJECT:
**HBH CONSULTING ENGINEERS
ROCKAWAY BEACH WAYSIDE PARK
ROCKAWAY BEACH, OREGON**

PROJECT#: 1994

DATE: 3/8/23

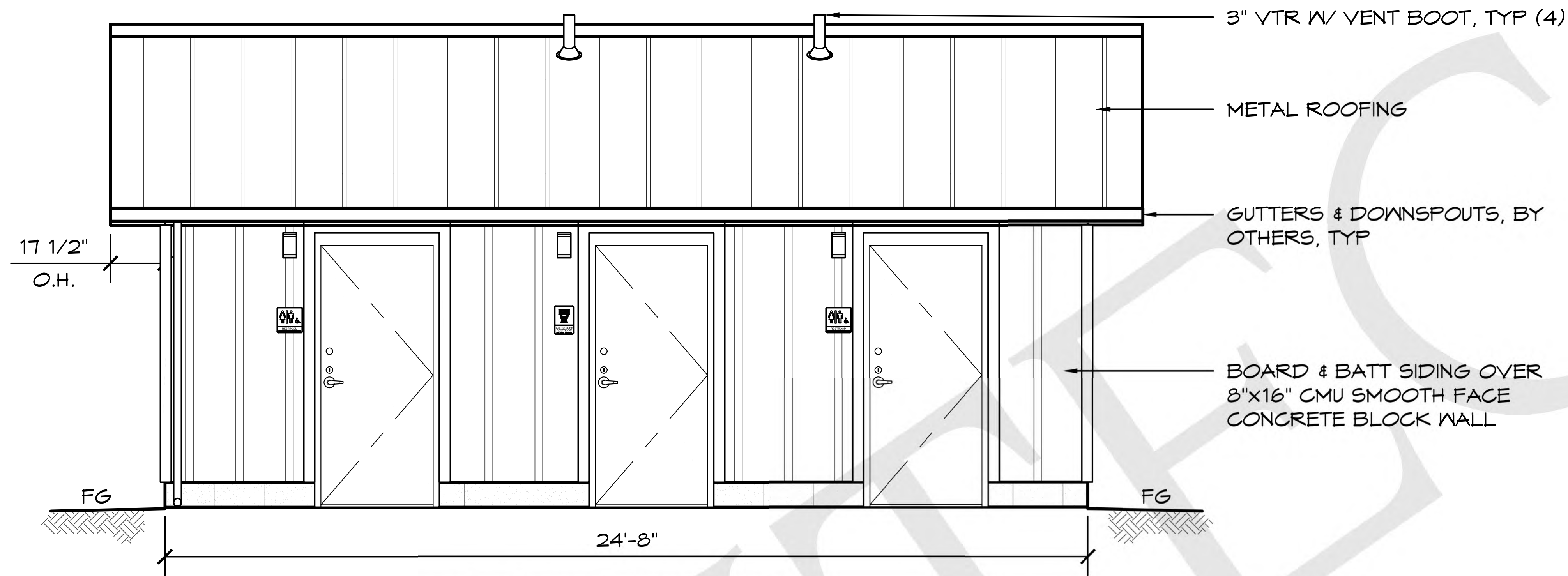
REVISIONS

REV.	DATE:	BY:

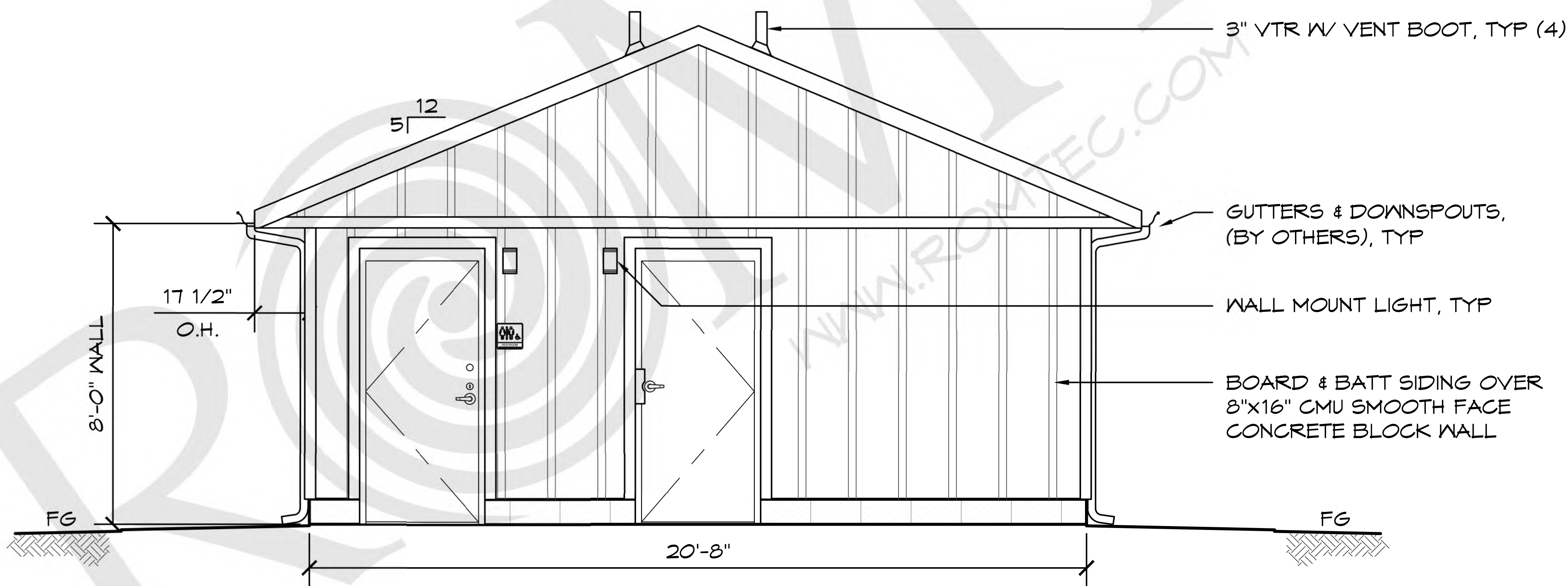
DRAWN BY: JS

SHEET NO.

01



A ELEVATION VIEW
SCALE: 1/4" = 1'-0"



D ELEVATION VIEW
SCALE: 1/4" = 1'-0"

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PROJECT:
HBH CONSULTING ENGINEERS
ROCKAWAY BEACH WAYSIDE PARK
ROCKAWAY BEACH, OREGON

SHEET TITLE: ELEVATION VIEW

PROJECT#:	1994
DATE:	3/8/23
REVISIONS	
REV.	DATE:
BY:	
DRAWN BY:	JS

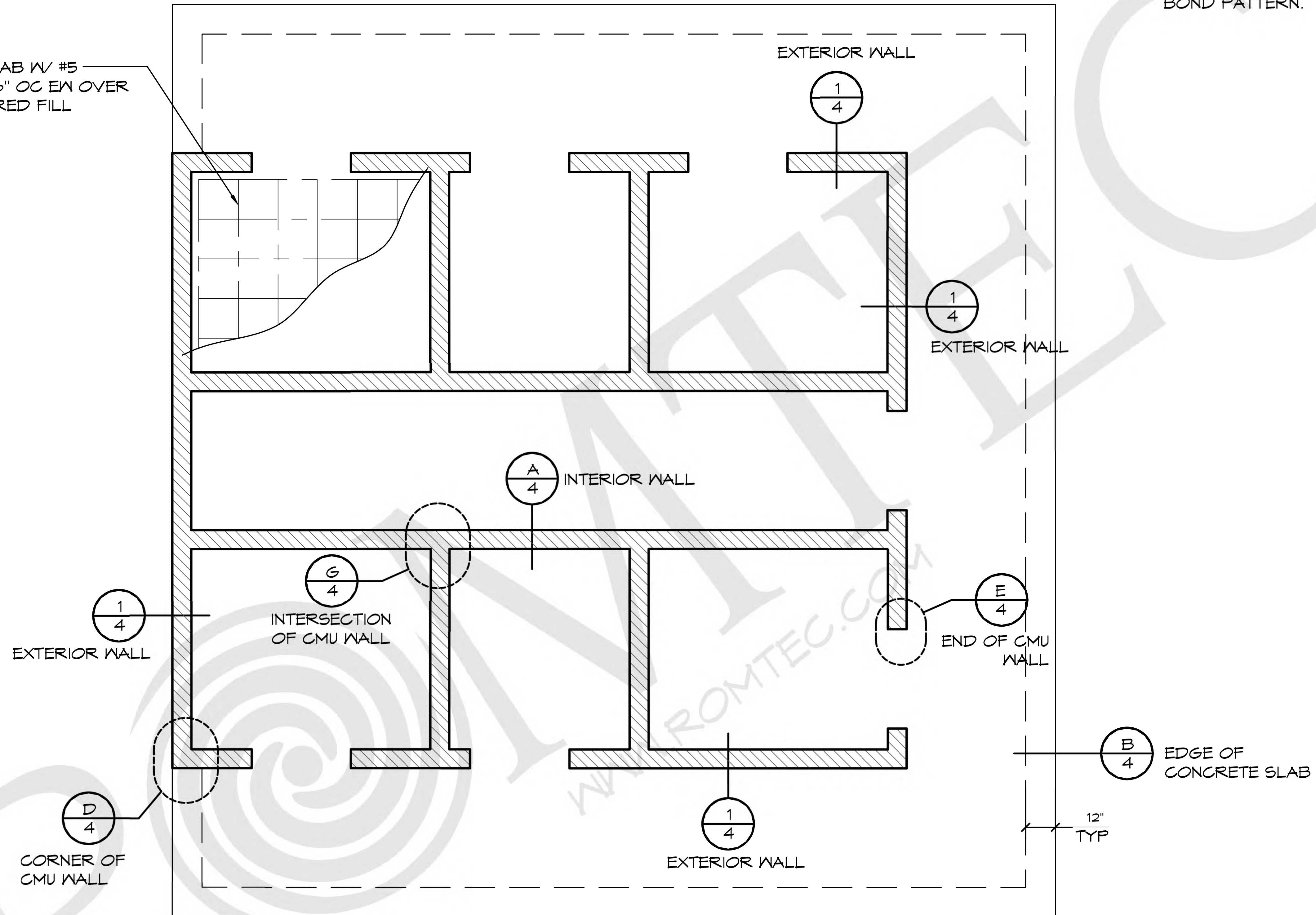
SHEET NO.

02

WALL TYPE SCHEDULE

 8" REINFORCED CONCRETE MASONRY BLOCK WALL WITH MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.

5" CONG SLAB W/ #5 REBAR @ 16" OC EW OVER 6" ENGINEERED FILL



1 EXAMPLE FOUNDATION
SCALE: 1/4" = 1'-0"

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PROJECT: HBH CONSULTING ENGINEERS
ROCKAWAY BEACH WAYSIDE PARK
ROCKAWAY BEACH, OREGON
SHEET TITLE: BID DOC DETAILS

PROJECT#: 1994

DATE: 3/8/23

REVISIONS

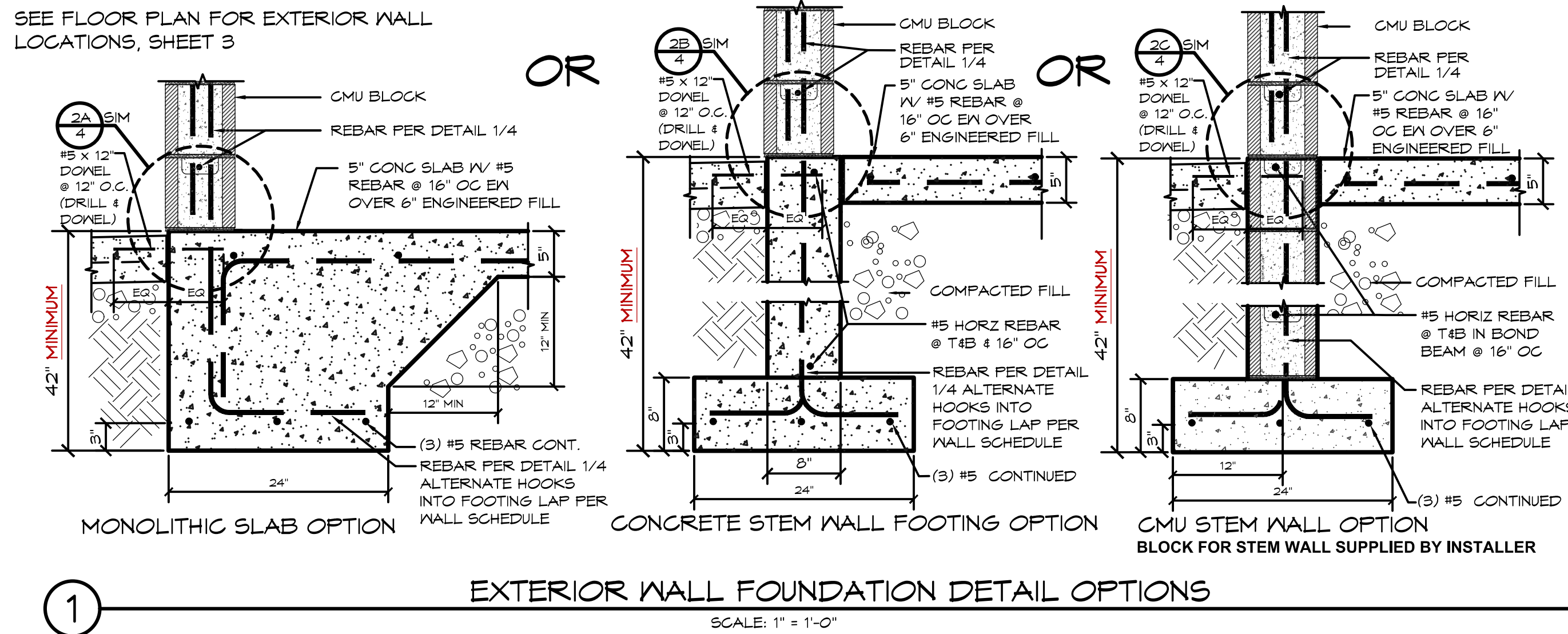
REV.	DATE:	BY

DRAWN BY: JS

SHEET NO. **03**

EXTERIOR WALL FOUNDATIONS - CHOOSE ONE OF THE FOLLOWING

SEE FLOOR PLAN FOR EXTERIOR WALL LOCATIONS, SHEET 3

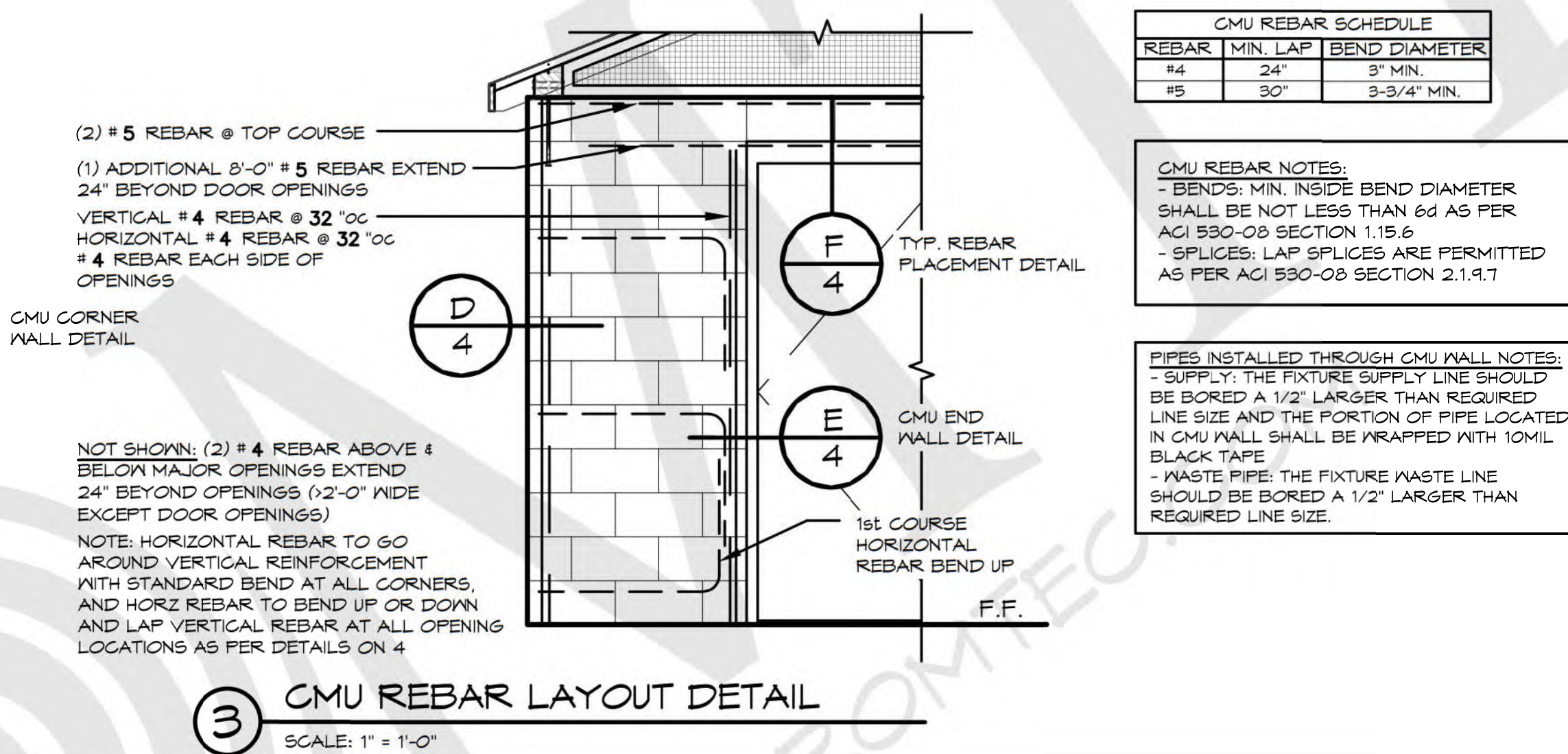
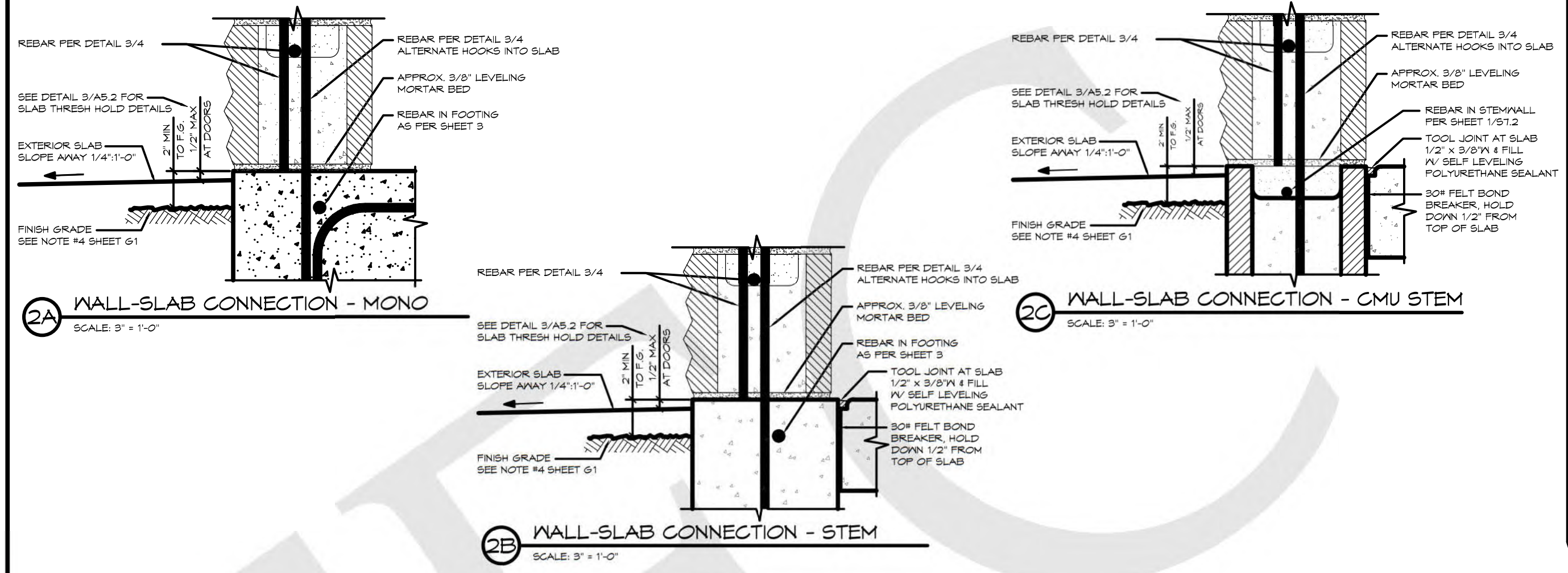


GENERAL NOTES:

- * WHEN USING EITHER STEM WALL OPTION RECESS STEM WALL THE THICKNESS OF SLAB AT DOOR THRESHOLD
- * PRIVACY WALLS SHALL HAVE A 30" WIDE x 12" DEEP FOOTING (IF APPLICABLE)
- * CMU STEM WALL OPTION, CMU BLOCK IS BY INSTALLER
- * VERTICAL REBAR IN SLAB/STEM WALL TO MATCH VERTICAL WALL REINFORCEMENT LAP PER WALL SCHEDULE

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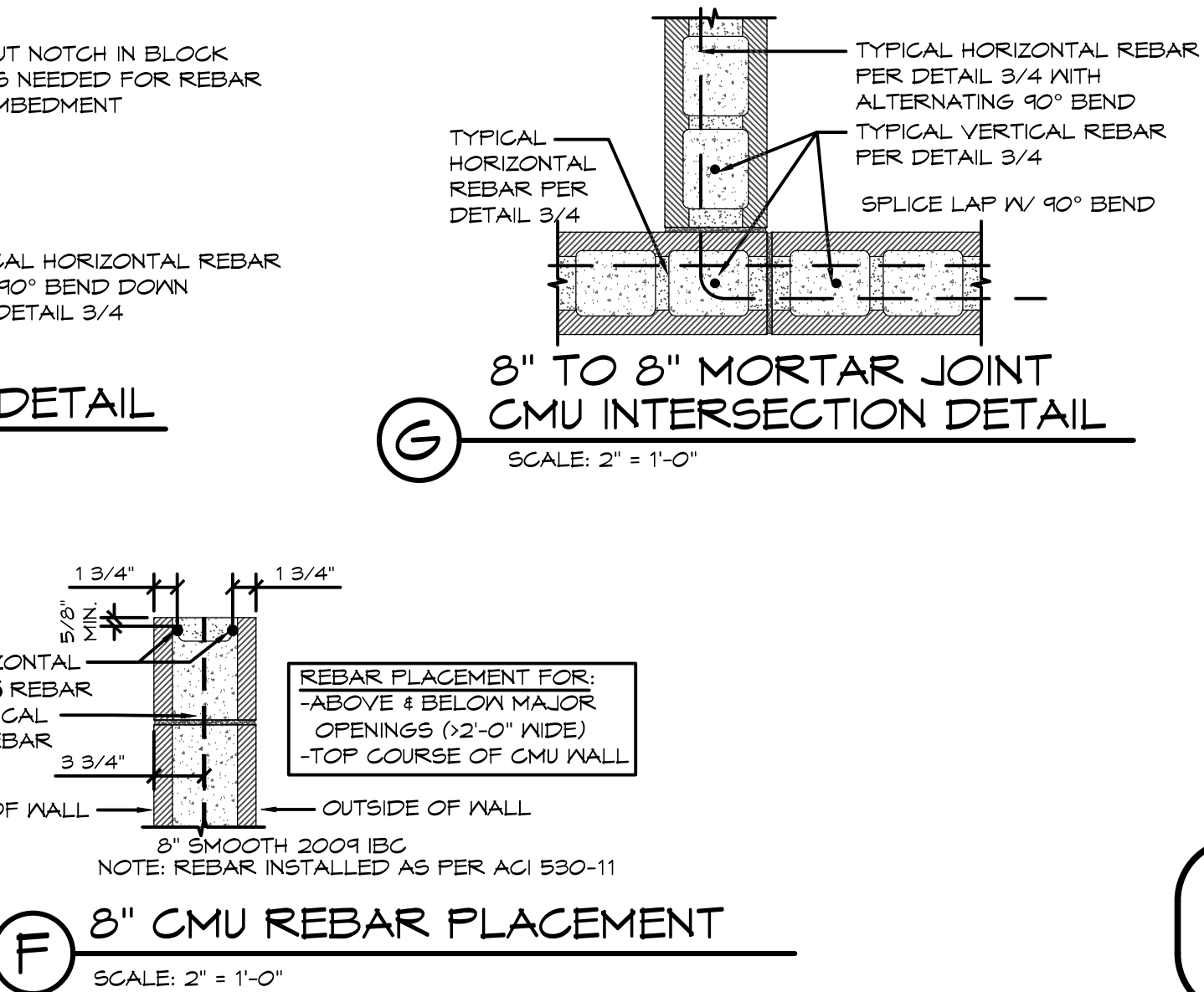
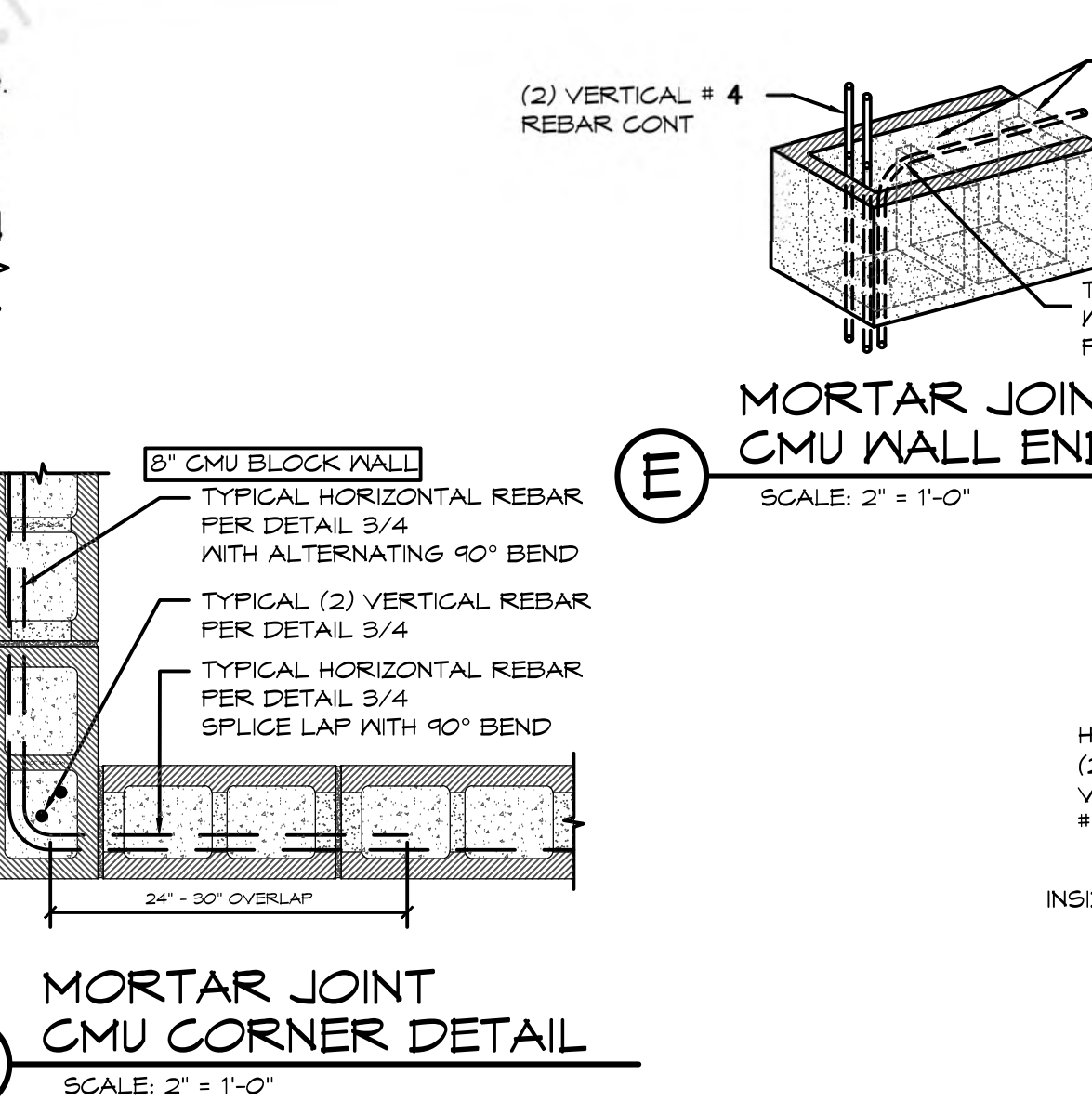
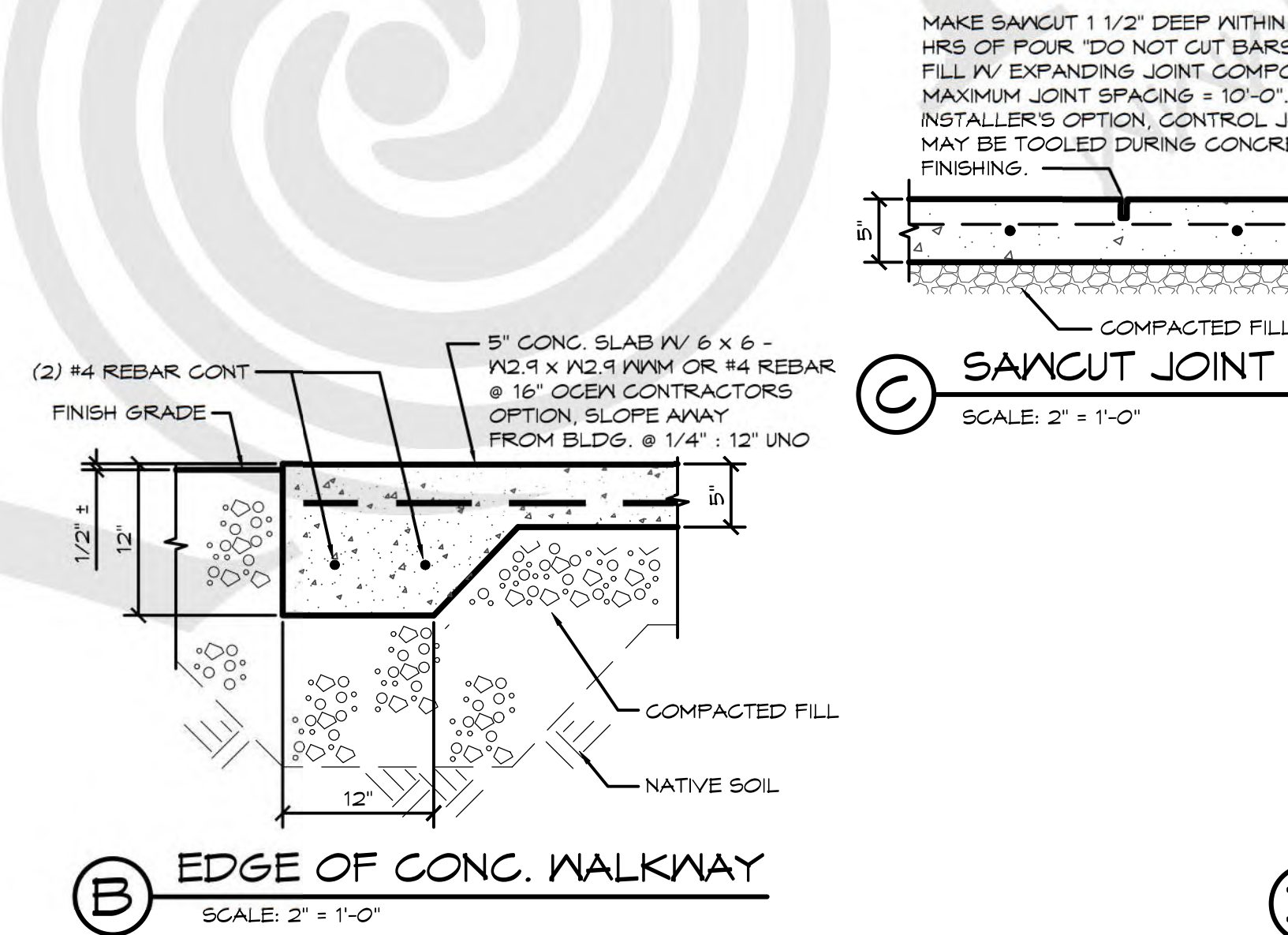
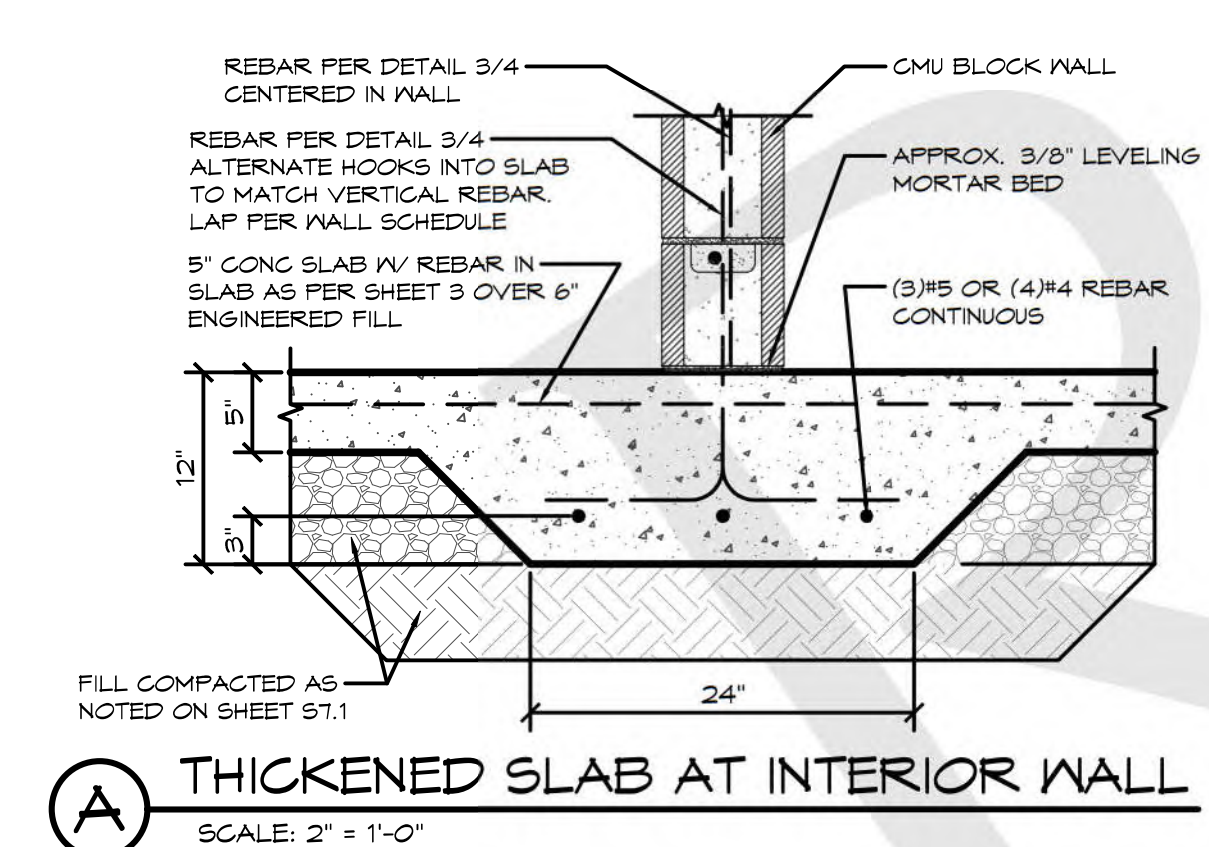
EXTERIOR WALL FOUNDATIONS - PER DETAIL 1



CMU REBAR SCHEDULE		
REBAR	MIN. LAP	BEND DIAMETER
#4	24"	3" MIN.
#5	30"	3-3/4" MIN.

CMU REBAR NOTES:
- BENDS: MIN. INSIDE BEND DIAMETER SHALL BE NOT LESS THAN 6d AS PER ACI 530-08 SECTION 1.15.6
- SPLICES: LAP SPLICES ARE PERMITTED AS PER ACI 530-08 SECTION 2.1.9.7

PIPES INSTALLED THROUGH CMU WALL NOTES:
- SUPPLY: THE FIXTURE SUPPLY LINE SHOULD BE BORED A 1/2" LARGER THAN REQUIRED LINE SIZE AND THE PORTION OF PIPE LOCATED IN CMU WALL SHALL BE WRAPPED WITH 10MIL BLACK TAPE
- WASTE PIPE: THE FIXTURE WASTE LINE SHOULD BE BORED A 1/2" LARGER THAN REQUIRED LINE SIZE.



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PROJECT:
HBH CONSULTING ENGINEERS
ROCKAWAY BEACH WAYSIDE PARK
ROCKAWAY BEACH, OREGON

PROJECT#: 1994
DATE: 3/8/23
REVISIONS
REV. DATE: BY
DRAWN BY: JS

SHEET NO. 04

ROMTEC
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(541) 496-3541 FAX (541) 496-0603
PRELIMINARY