



Site Plan Review Committee
Michael Thomas, City Manager

**COMMUNITY DEVELOPMENT
DEPARTMENT**
360-330-7662

Emil Pierson, CD Director
epierson@cityofcentralia.com

Mike Watilo, Building Official
mwatilo@cityofcentralia.com

PUBLIC WORKS DEPARTMENT
360-330-7512

Kim Ashmore, PW Director
kashmore@cityofcentralia.com

Patty Page, City Engineer
ppage@cityofcentralia.com

CENTRALIA CITY LIGHT
360-330-7512
ML Norton, CCL General Manager
mlnorton@cityofcentralia.com

POLICE DEPARTMENT
360-330-7680
Andy Caldwell, Chief
acaldwell@cityofcentralia.com

RIVERSIDE FIRE AUTHORITY
360-736-3975
Kevin Anderson, Chief
kanderson@riversidefire.net

LEGAL DEPARTMENT
360-330-7675
Kyle Manley, City Attorney
kmanley@cityofcentralia.com

SITE PLAN REVIEW COMMITTEE

Meeting Agenda

Monday, April 7, 2025

Join Zoom meeting:

<https://us02web.zoom.us/j/89118869218?pwd=11a9b4quXhUyVEgEEoUwe9dV7gehqr.1>

Join by mobile: #1-253-215-8782

Meeting ID: 891 1886 9218 Passcode: 926458

All applicants should join the meeting at 10 AM as time frames are estimations only and subject to change. The public is invited to participate.

9:00 AM

STAFF REVIEW TIME

1. IWorq Presentation:

Link: <https://us06web.zoom.us/j/6219816657>

Meeting ID: 621 981 6657

Phone Number: +1 669 444 9171

10:00 AM – Pre-Application Conference (pgs. 1-6)

Project Name:	Bayne Street Lozano Project
Applicant/Owner:	Kaitlynn Glasco, Fuller Designs
Property Address:	1301-1309 Bayne Street
Contact Phone:	360.807.4420
Email:	kglasco@fullerdesigns.org
Zone:	R:8, Medium Density Residential
Comp. Plan:	MDR, Medium Density Residential
Parcel Information:	Four parcels, 0.80 AC
Request:	Boundary line adjustment and future construction of three single family residences and one triplex.

10:30 AM – Site Plan Review (pgs. 7-8)

Project Name:	Harrison Short Plat
Applicant/Owner:	David Wilson
Property Address:	2999 Harrison Avenue
Contact Phone:	253.335.5263
Email:	david.wilson@ppmmanage.com
Parcel Information:	Four parcels, 1.18 AC
Request:	Final Civil Plan Approval



SITE PLAN REVIEW COMMITTEE

Meeting Agenda – Page 2

Monday, April 7, 2025

11:00 AM – Site Plan Review (pgs. 9-33)

Project Name: Amtrak ADA
Applicant/Owner: Ellen Pannell, Amtrak
Property Address: 210 Railroad Avenue
Contact Phone: 267.581.5470
Email: Ellen.Pannell@amtrak.com
Zone: OSPF, Open Space Public Facility
Comp. Plan: PF, Public Facility
Parcel Information: 039124-000-000
Request: Final civil plan approval for train depot ADA upgrades.



SITE PLAN REVIEW COMMITTEE (SPRC) Pre-Application Conference Request

MEETING DATE: Every Monday (except holidays and subject to submittals)

TIME: Meetings begin at 10:00 am and are approximately 30 minutes long. All meetings are scheduled on a first-come basis.

MEETING LOCATION: Centralia Public Works Office (City Light), 1100 N. Tower, Centralia

Parcel Number(s): 003403048000, 003403049000, 003403047000, & 003403001001

Site Address: 1301, 1309, & 0 Bayne St and 0 Rhobina St

Applicant/Agent: Fuller Designs (Kaitlynn Glasco)

Phone: (360) 807-4420

Email: kglasco@fullerdesigns.org

Name/Type of Business (if applicable):

Brief Description of Proposal (attach separate sheet if needed):

3 Single-Family homes and a triplex. See attached narrative for more information

- ☒ Description of Proposal (1 – digital or paper copy)
- ☒ Conceptual Site Plan showing existing and proposed uses/structures (1 – digital or paper copy)
- ☐ Supporting documents including studies (1 – digital or paper copy)

SUBMITTAL REQUIREMENTS:

Submittal items must be received no later than 3 PM on the Wednesday preceding the next meeting date, in order to be added on the following weeks' agenda.

The purpose of the pre-application conference is to acquaint the applicant with the review procedures and applicable Centralia Municipal Code provisions to the proposal. A minimum of one meeting is required for all project permit applications related to the same project action.

The SPRC Pre-Application Conference is available to applicants for projects requiring a land use review or if you have utility or other questions about a specific property. The meeting will include representatives from engineering, public works, water, waste-water, electric, stormwater, planning, and building.



3/20/2025

To: City of Centralia

Re: Angel Lozano BLA and site development

Project: Bayne St (Lozano)

Parcel #: 003403048000, 003403049000, 003403047000, 003403001001

Centralia Staff,

Please accept this narrative and attached concept plans for pre-application submittal. The following narrative is intended to provide an overall direction of the development and help address any issues that might arise over the course of the project.

Existing Conditions

This project is located across four separate parcels, north of Bayne St and east of Daniels Rd in the Logan District of Centralia. The site is currently undeveloped, consisting entirely of steep forest and grassed lands. Residential property neighbors on all sides of the development. A small access called Daniels Road does cut through the western corner of the property. Overhead power appears to follow this roadway.

Proposed Improvements

This project includes the construction of six new dwellings, each measuring 30' x 30', along with a 26' wide private access road. The three upper dwellings are intended to be family owned. The lower triplex in near Bayne St is intended to be a rental unit. To meet building setback requirements, a property line adjustment will be made. To minimize the slope, each home will feature a daylight basement, keeping all driveways below a 16% slope. A code variance will be requested to allow the proposed private road to exceed the 10% slope limit, as well as another code variance to accommodate longer driveways, reducing building setback lines.

Zoning

The projects zoning is R8-Residential. This project for 6 residences appears to be a permitted use within the zone and meets density minimums.

Wet Utilities – Water/Sewer

Water and Sewer do not exist onsite but appear to be under Bayne Street to the south of the project. We propose to bring in standard City service connections for the residents.

Dry Utilities – Power/Communications

Overhead power and communications appear to be along Daniels Road and Bayne Street. We propose standard extensions onsite to serve the residences.

Stormwater

The development intends to exceed 5000sf of new impervious area. A full drainage report meeting MRs 1-9 is intended to be developed with the installation of treatment and flow control facilities. Each home will have separate roof/foundation drain system, which does not require



treatment. PGHS stormwater runoff will be directed to onsite catch basins, then into a treatment structure before entering a large infiltration gallery. Details of this facility will be provided in a drainage report in the future.

Critical Areas

The site has many steep slopes with an estimated slope of 20% from GIS contours proceeding upwards towards the northeast. The site is located within a category 1 critical aquifer recharge area and shows a non-fish bearing stream through the middle of the property.

CARA is addressed by implementing infiltration and stormwater treatment systems. No wells or other groundwater withdraw systems are proposed.

While the GIS does show a stream through the property, we suspect this is a mis-mapping on the GIS and this doesn't exist. A biologist is intended to confirm this during preliminary design.

Roads/Access

Daniels Road does cut through the western edge of the property, but this access does not appear to meet any city standard for roadways. This project owner does not control Daniels Road back to Bayne Street so upgrading that access may be problematic. As such, we proposed a new access to enter from Bayne St. Please note this access is retaining wall intensive and will have slopes on par with the surrounding natural grade. We anticipate requesting a grade variance if necessary.

Buildings

All proposed building permits will be applied for and approved before building construction begins. As discussed earlier we are adjusting the 4 existing properties to accommodate building setbacks. We do anticipate requesting a reduced setback for the rear of the duplex lot to allow longer driveways at a lesser grade. Please advise if this is an acceptable request.

Thank you for accepting this application for pre-application submittal. We look forward to receiving your comments. Feel free to call or email if you have any questions.

Sincerely,

Aaron Fuller P.E.
Fuller Designs
(360) 807-4420 Office
afuller@fullerdesigns.org

PROJECT INFORMATION:

APPLICANT:	ANGEL LOZANO 1610 WINDSOR AVE SPC 17 CENTRALIA WA, 98531
SITE ADDRESS:	1301 BAYNE ST, 1309 BAYNE ST, 0 RHOBINA ST, & 0 BAYNE ST CENTRALIA, WA 98531
PARCEL NUMBER:	003403048000, 003403049000, 003403047000, 003403001001
ZONING (CITY):	R8 - RESIDENTIAL
LOTS :	4 EXISTING 4 PROPOSED
SITE SOILS:	CENTRALIA LOAM
WATER:	CITY OF CENTRALIA
SANITARY SEWER:	CITY OF CENTRALIA
GRADING:	TBD± CY CUT TBD± CY FILL
PARKING STALLS:	0

SURVEY INFORMATION:

LEGAL DESCRIPTION

BASIS OF BEARING

GEOTECHNICAL INFORMATION:

A GEOTECHNICAL REPORT WAS NOT PREPARED FOR THIS PROJECT. IN LIEU OF A REPORT ALL CONSTRUCTION SHALL COMPLY WITH STANDARD SPECIFICATIONS.

TOPOGRAPHIC INFORMATION:

TOPOGRAPHIC INFORMATION DEPICTED IN THESE DRAWINGS WAS PROVIDED BY LEWIS COUNTY GIS DATA. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY FULLER DESIGNS.

LEGEND

LINETYPES	EXISTING	PROPOSED	DESC.
			BUILDING FOOTPRINT
			BUILDING SETBACK
		CG	CLEARING AND GRUBBING
XX			CONTOUR LINE (MAJOR)
XX			CONTOUR LINE (MINOR)
			CULVERT
			DITCH
			EASEMENT
			EDGE OF PAVEMENT
			EDGE OF GRAVEL
X X	X X	X X	FENCE
FO			FIBER OPTIC
FM	FM	FM	FORCE MAIN
G	G	G	GAS MAIN
GB	GB	GB	GRADE BREAK
			LANDSCAPE
			LOT LINE
			PROJECT BOUNDARY
			RIGHT-OF-WAY
			ROAD CENTERLINE
			ROAD CUT LINE
SS	SS	SS	SANITARY SEWER PIPE
ST	ST	ST	STORM PIPE
			SIDEWALK
SF	SF	SF	SILT FENCE
UE	UE	UE	UNDERGROUND ELECTRIC
OE	OE	OE	OVERHEAD ELECTRIC
OT	OT	OT	TELECOMMUNICATION
W	W	W	WATER
			STREAM
			ENHANCED BUFFER BOUNDARY LINE

HATCH	EXISTING	PROPOSED	DESC.
			AC PAVEMENT
			GRAVEL
			CONCRETE
			LANDSCAPE / GRASS AREA

ABBREVIATIONS:

AC	ASPHALT CONCRETE
BCR	BEGIN CURB RETURN
BM	BENCHMARK
BVCS	BEGIN VERTICAL CURVE STATION
BCVE	BEGIN VERTICAL CURVE ELEVATION
CATV	CABLE TELEVISION
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CY	CUBIC YARD
°	DEGREES
Ø	DIAMETER
EE	ELECTRICAL
ECR	END CURB RETURN
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EVCS	END VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
EX	EXISTING
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCE MAIN
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
IE	INVERT ELEVATION
K	CALCULATED CURVE VALUE
L	LENGTH
LCV	LENGTH VERTICAL CURVE
LF	LINEAR FEET
M	METER
MH	MAN HOLE
MJ	MECHANICAL JOINT
NAP	NOT A PART OF PROJECT
NFC	NOT FOR CONSTRUCTION
OHP	OVER HEAD POWER
P	POWER
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
POB	POINT OF BEGINNING
POC	POINT OF CONNECTION
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLY-VINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RF	RELEASED FOR CONSTRUCTION
ROW	RIGHT OF WAY
RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY
S	SLOPE
SF	SQUARE FOOT
SD	STORM DRAIN
SS	SANITARY SEWER
ST	STORM
STA	STATION
SW	SIDEWALK
T	TELEPHONE
TB	TRUST BLOCK
TC	TOP OF CURB/CONCRETE
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TG	TOP OF GRATE
TYP	TYPICAL
UGP	UNDERGROUND POWER
W	WATER
WM	WATER METER
WV	WATER VALVE
±	APPROXIMATELY
%	PERCENT
Δ	DELTA

SYMBOLS	EXISTING	PROPOSED	DESC.
			CATCH BASIN
			ELECTRIC TRANSFORMER
			FIRE HYDRANT
			GAS VALVE
			ILLUMINARE & POLE
			JUNCTION BOX
			MAIL BOX
			SANITARY SEWER MANHOLE
			STORM MANHOLE
			STREET SIGN
			SPOT ELEVATION
			SURFACE FLOW
			TELECOMMUNICATION PEDESTAL
			TREE
			UTILITY POLE
			WATER METER
			WATER VALVE

DRAWING CONTENTS:

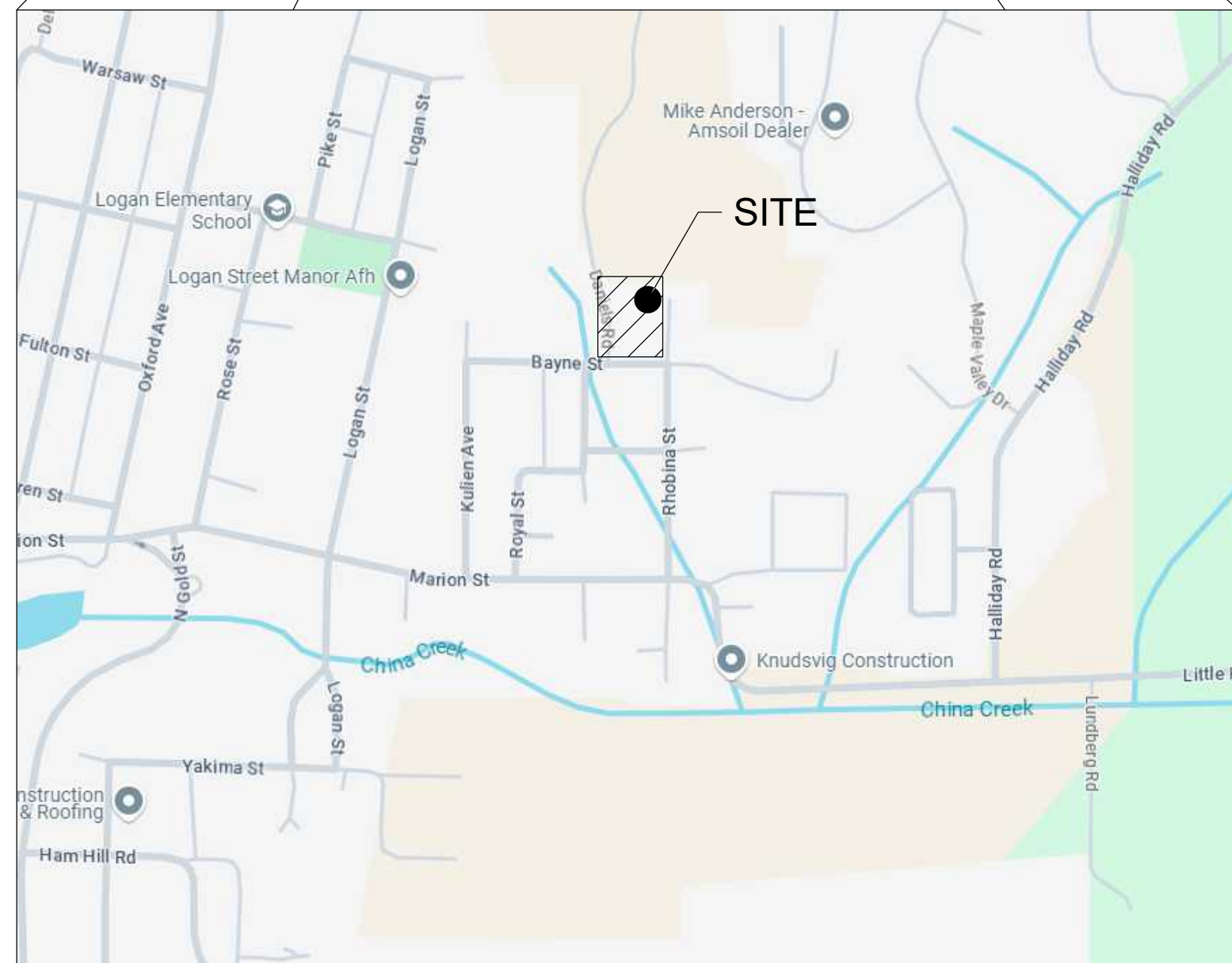
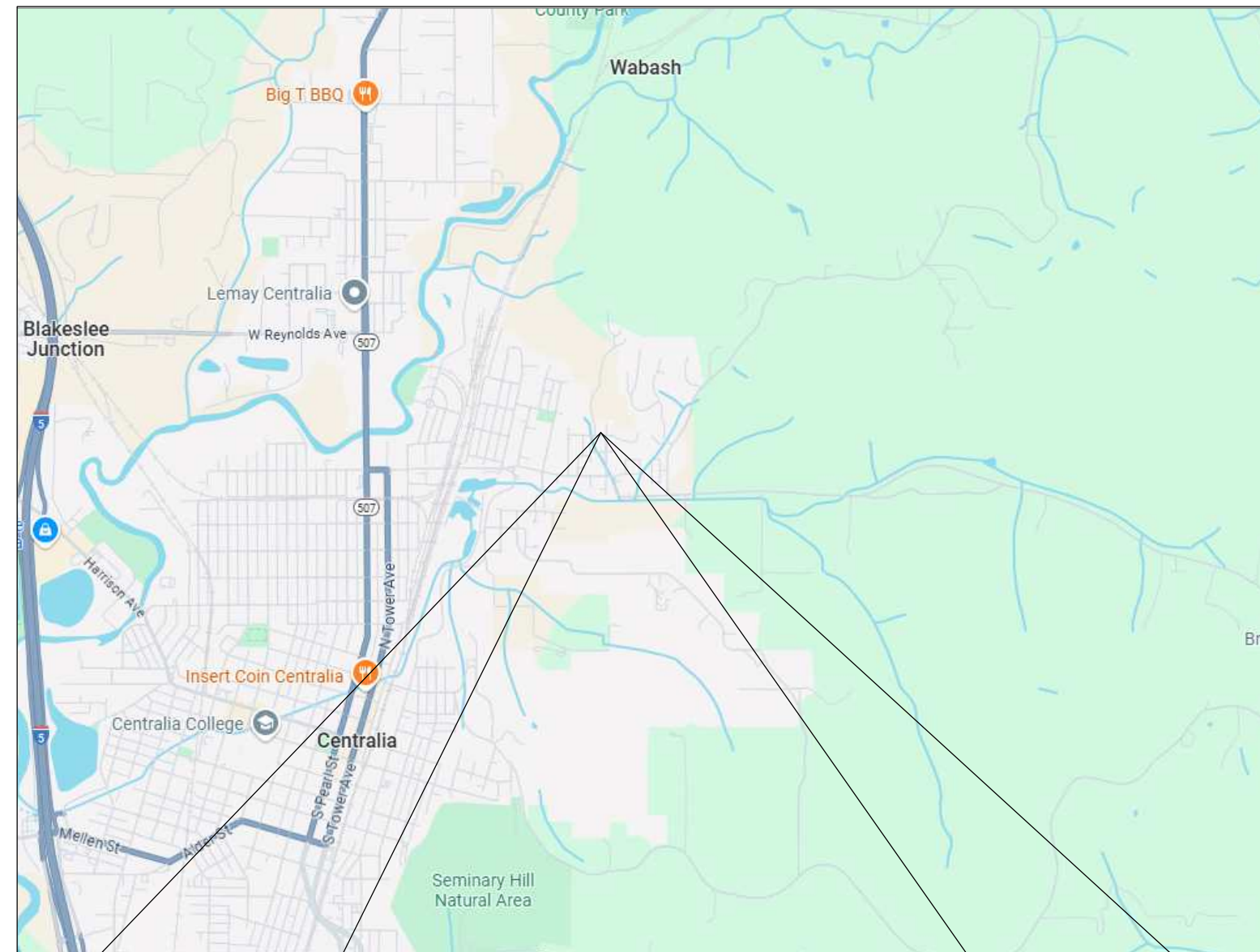
C0.1 - CIVIL COVER
C1.1 - EX CONDITIONS, TESC, & DEMO PLAN
C2.1 - OVERALL SITE PLAN

BAYNE ST (LOZANO)

SECTION 04 TOWNSHIP 14N RANGE 02W

CITY OF CENTRALIA WASHINGTON

VICINITY MAP



CONCEPT ONLY NOT APPROVED
FOR CONSTRUCTION

PROJECT SPECIFICATIONS:

THE WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, 2024 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) (HEREAFTER "STANDARD SPECIFICATIONS").

ALSO INCORPORATED INTO THESE CONTRACT DOCUMENTS BY REFERENCE ARE:

- A. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
- B. CITY ROAD STANDARDS
- C. CITY DRAINAGE STANDARDS
- D. THE INTERNATIONAL BUILDING CODE (IBC)

CURRENT EDITIONS OF THESE STANDARDS SHALL BE USED WHICH EXIST ON THE DATE OF CONTRACT ACCEPTANCE.

CONTRACTOR SHALL OBTAIN COPIES OF THESE PUBLICATION AT CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, SUPPLIES AND INCIDENTALS REQUIRED TO COMPLETE ALL WORK SHOWN ON THESE DRAWINGS. ONCE WORK IS COMPLETED CONTRACTOR SHALL OBTAIN ACCEPTANCE BY THE CITY AND PROJECT ENGINEER.

THE INTENT OF THESE DRAWINGS IS TO PRESCRIBE A COMPLETE PROJECT. OMISSIONS FROM THE DRAWINGS OF DETAIL OF WORK WHICH IS NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE OMITTED WORK.

ANY PROPOSED ALTERATIONS BY THE CONTRACTOR AFFECTING THE REQUIREMENTS AND INFORMATION IN THESE DRAWINGS SHALL BE IN WRITING AND WILL REQUIRE APPROVAL OF THE ENGINEER AND INSPECTOR.

WORK IN RIGHT OF WAY:
CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO COMMENCING ANY WORK LOCATED IN RIGHT OF WAY. ALL WORK PERFORMED IN THE RIGHT OF WAY SHALL ADHERE TO DRAWINGS, STANDARD SPECIFICATIONS, AND REQUIREMENTS OUTLINED IN THE RIGHT OF WAY PERMIT.

RECORD DRAWINGS:
FULLER DESIGNS IS REQUIRED BY THE CITY TO PROVIDE RECORD DRAWING CERTIFICATION PRIOR TO FINAL CITY ACCEPTANCE. FULLER DESIGNS WILL NOT CERTIFY RECORD DRAWINGS WITHOUT INSPECTION OF BELOW GRADE UTILITIES AND STRUCTURES. PRIOR TO BACKFILLING, CONTRACTOR SHALL NOTIFY FULLER DESIGNS OF NECESSARY INSPECTIONS.

CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY ENGINEER OR INSPECTOR OF INCONSISTENCIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ONE SET OF THE CONTRACT DRAWINGS THAT SHALL INCLUDE: ANY ALTERATIONS OR LOCATION OF UNDERGROUND UTILITIES ENCOUNTERED DURING THE PROGRESS OF THE PROJECT. ANY ALTERATIONS MADE TO THE IMPROVEMENTS BEING INSTALLED, MARKED DRAWINGS SHALL BE CLEAR AND LEGIBLE. DRAWINGS SHALL BE MARKED "RECORD DRAWINGS" AND SHALL BE SUBMITTED TO THE ENGINEER UPON PROJECT COMPLETION.

CONTRACTOR LIABILITY NOTE:
CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY THROUGHOUT PROJECT EXECUTION AND NOT BE LIMITED TO WORKING HOURS. CONTRACTOR SHALL PROGRESS WORK IN A MANOR THAT SHALL INDEMNIFY AND HOLD FULLER DESIGNS HARMLESS FROM ALL LIABILITY IN CONNECTION WITH CONTRACTOR'S PERFORMED WORK.

REMOVAL OF UNSUITABLE MATERIALS:
IF UNSUITABLE MATERIALS AS DEFINED BY THE STANDARD SPECIFICATIONS ARE ENCOUNTERED, THIS MATERIAL SHALL BE REMOVED TO THE DEPTH REQUIRED BY THE ENGINEER OR INSPECTOR AND REPLACED WITH SUITABLE MATERIAL.

PRIOR TO COMMENCING CONSTRUCTION THE CONTRACTOR SHALL IDENTIFY A SITE TO DISPOSE OF UNSUITABLE MATERIALS. IF UNSUITABLE MATERIAL IS IDENTIFIED ON SITE THE CONTRACTOR SHALL PROVIDE CALCULATION OF UNSUITABLE MATERIAL AND NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO REMOVAL. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE MATERIAL LEGALLY OFF SITE.

GENERAL NOTES:
CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY OWNERS, DRIVEWAYS AND UTILITY SERVICES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL PRE-CONSTRUCTION STATE OR BETTER UPON COMPLETION OF WORK.

ANY DESIGN CHANGE(S) MADE TO THE PLANS BY OUTSIDE PARTIES (INCLUDING JURISDICTIONS, CITIES AND COUNTIES), WILL BE HELD RESPONSIBLE FOR ANY LIABILITIES THAT MAY OCCUR DUE TO CHANGE(S).

UTILITIES LOCATE NOTE:

EXISTING UTILITIES LOCATION SHOWN IN THIS PLAN SET IS BASED ON INFORMATION OBTAINED FROM VARIOUS RECORDS RESEARCH, ASBUILT DATA, AND FIELD MEASUREMENTS. FULLER DESIGNS ASSUMES NO RESPONSIBILITY FOR EXACT LOCATION OF UTILITIES EITHER SHOWN OR NOT SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL VERIFY THE EXACT SIZE, DEPTH, LOCATION, AND ARRANGEMENT OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL UNDERGROUND LOCATE AT 811 PRIOR TO PERFORMING CONSTRUCTIONS ACTIVITIES.



DRAWING TITLE:					CIVIL COVER														
SCALE:		N/A		DATE:		3/19/25		DRAWN:		JF		CHECKED:		AF					
PROJECT NAME:														BAYNE ST (LOZANO)					

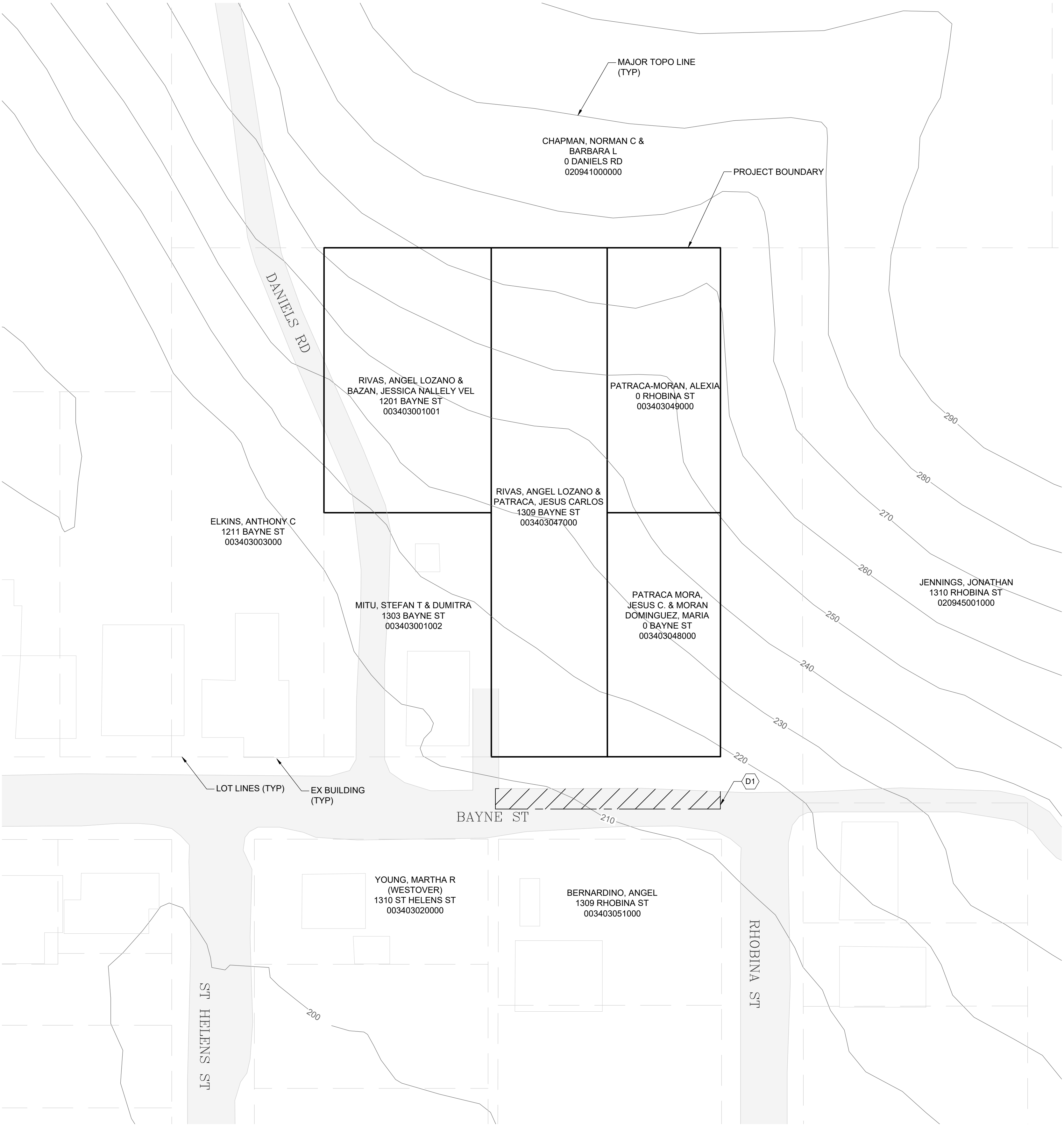
FULLER DESIGNS
1111 KRESKY AVE, SUITE 100
CENTRALIA, WA 98531
(360) 807-4420

REV:	DESCRIPTION:	DATE:	3/19/25				
0	CONCEPT ONLY						

C0.1

1 OF 3

SECTION 04 TOWNSHIP 14N RANGE 02W



DEMOLITION NOTES:

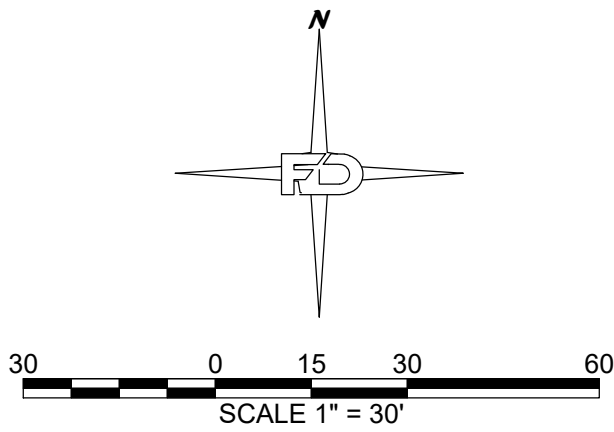
(D1) SAWCUT LINE (TYP)

EROSION CONTROL NOTES:

1. ALL EXPOSED SOIL SURFACES SHALL BE SEEDED WITH AN EROSION CONTROL SEED MIX OR HYDROSEEDED IF NOT WORKED WITHIN 7 CALENDAR DAYS FROM MAY 1 TO SEPTEMBER 30. SOIL SHALL BE COVERED WITHIN 2 DAYS FROM OCTOBER 1 TO APRIL 30.
2. SEEDED AREAS WILL BE COVERED WITH MULCH, HAY OR OTHER PROTECTIVE COVERING APPROVED BY THE ENGINEER TO PREVENT WASHOUT DURING RAIN EVENTS.
3. CONTRACTOR SHALL APPLY WATER TO GRAVEL SURFACES DURING CONSTRUCTION TO MINIMIZE FUGITIVE DUST.
4. ROUTINE INSPECTION AND MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL BMPS, ESPECIALLY AFTER STORMS, IS REQUIRED.
5. ANY SEDIMENT WHICH IS TRACKED ONTO PAVEMENT SHALL BE REMOVED BY SHOVELING OR STREET SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING/SHOVELING SHALL BE REMOVED OR STABILIZED ON-SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET.
6. IF STABILIZED CONSTRUCTION ENTRANCE IS NOT EFFECTIVE IN PREVENTING SEDIMENT FROM BEING TRACKED OUT OF THE SITE, A WHEEL WASH AND/OR TIRE BATH SHALL BE LOCATED ON-SITE.

NOTES TO CONTRACTOR:

1. ...



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DRAWING TITLE: EX CONDITIONS, TESC, & DEMO PLAN			
SCALE:	1:30	DATE:	3/19/25
		DRAWN:	JF
		CHECKED:	AF
PROJECT NAME: BAYNE ST (LOZANO)			

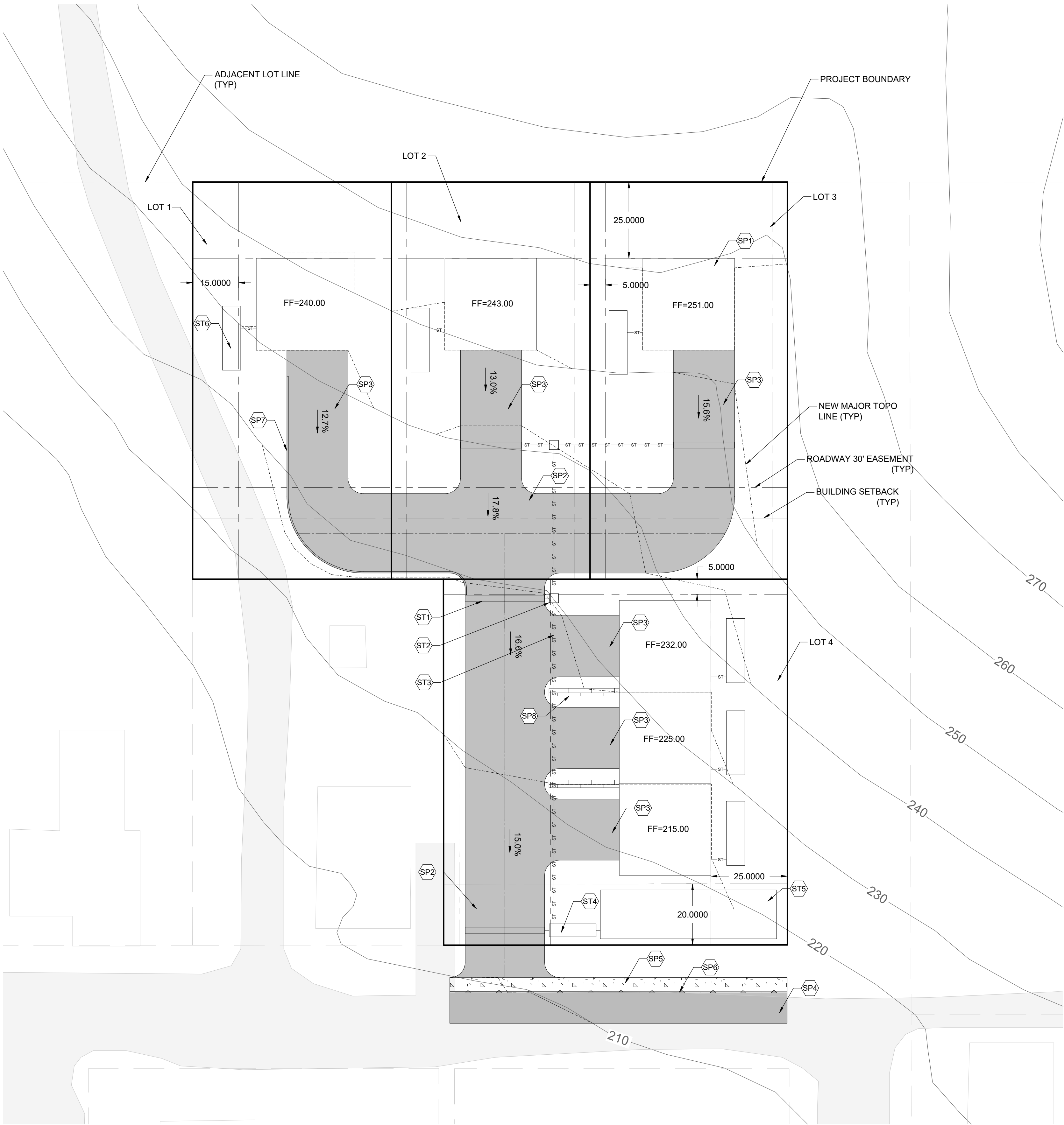
FULLER DESIGNS
1111 KRESKY AVE, SUITE 100
CENTRALIA, WA 98531
(360) 807-4420

REV:	DESCRIPTION:	DATE:
0	CONCEPT ONLY	3/19/25

C1.1

2 OF 3

SECTION 04 TOWNSHIP 14N RANGE 02W



SITE PLAN NOTES:

- SP1) 30' X 30' BUILDING
- SP2) 26' WIDE PRIVATE ROADWAY
- SP3) 20' WIDE DRIVEWAY
- SP4) IMPROVE HALF OF EXISTING ROADWAY
- SP5) 5' WIDE SIDEWALK TO BE INSTALLED
- SP6) 0.5' ROLLED CURB TO BE INSTALLED
- SP7) 0.5' EXTRUDED CURB TO BE INSTALLED
- SP8) RETAINING WALL TO BE INSTALLED

STORMWATER PLAN NOTES

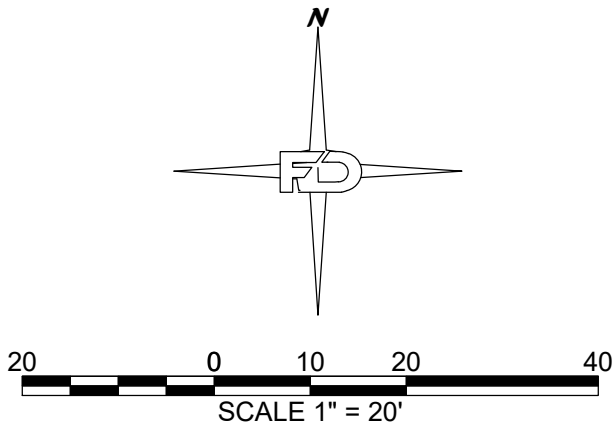
- ST1) STRIP DRAIN TO BE INSTALLED
- ST2) TYPE 1 CB TO BE INSTALLED
- ST3) STORM PIPE TO BE INSTALLED
- ST4) TREATMENT STRUCTURE TO BE INSTALLED
- ST5) LARGE INFILTRATION GALLERY TO BE INSTALLED
- ST6) ROOF/FOUNDATION DRAIN SYSTEM TO BE INSTALLED

R:8 ZONING STANDARDS			
DENSITY (UNITS PER ACRE)	MINIMUM LOT AREA (SQUARE FEET)	MINIMUM LOT WIDTH (FEET)	MAXIMUM LOT COVERAGE (PERCENT)
0 - 8	6,000/13,000	40	65
6000 SF FOR A SINGLE-FAMILY DWELLING, DUPLEX, OR TRIPLEX			
TOTAL DOORS ALLOWED ONSITE = 19			
BUILDING SETBACKS			
FRONT SETBACK = 20'	REAR SETBACK = 25'	NON-STREET SIDE SETBACK = 5'	STREET SIDE SETBACK = 15'

LOT 1 =8,450 SF=0.194 AC
LOT 2 =8,450 SF=0.194 AC
LOT 3 =8,400 SF=0.193 AC
LOT 4 =13,470 SF=0.309 AC

TOTAL =38,770 SF=0.89 AC

EXISTING PROPERTY BOUNDARY HAS BEEN MOVED TO
ACCOMMODATE BUILDING SETBACK LINES



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OVERALL SITE PLAN			
DRAWING TITLE:	DATE:	DRAWN:	CHECKED:
	3/19/25	JF	AF
SCALE:	1:20	PROJECT NAME:	
		BAYNE ST (LOZANO)	

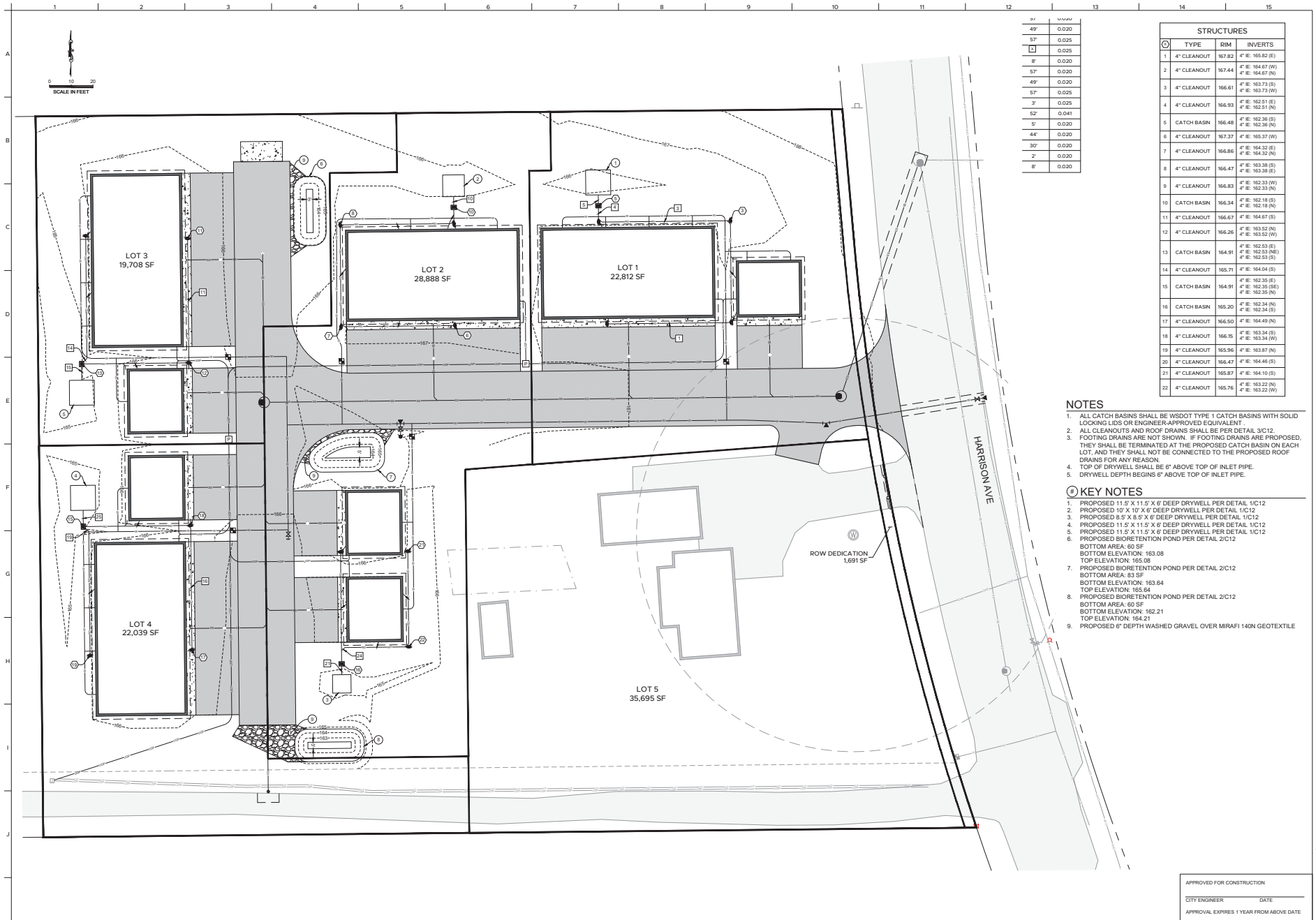
FULLER DESIGNS
1111 KRESKY AVE, SUITE 100
CENTRALIA, WA 98531
(360) 807-4420

REV:	DESCRIPTION:	DATE:
0	CONCEPT ONLY	3/19/25

C2.1

3 OF 3

FILE NAME: Z:\DW201\CAD\Sheets\DW201 Civil Improvement Planning\DW201-24-2025 321-53 PM



INVERT	DEPTH
49"	0.020
57"	0.025
8"	0.020
57"	0.020
49"	0.020
57"	0.025
3"	0.025
52"	0.041
5"	0.020
44"	0.020
30"	0.020
2"	0.020
8"	0.020

STRUCTURES		
NO.	TYPE	INVERTS
1	4" CLEANOUT	167.82 4" E: 165.62 (E) 2" E: 164.67 (W)
2	4" CLEANOUT	167.44 4" E: 163.73 (S) 4" E: 163.73 (W)
3	4" CLEANOUT	166.61 4" E: 162.51 (E) 4" E: 162.51 (W)
4	4" CLEANOUT	166.95 4" E: 162.36 (S) 4" E: 162.36 (W)
5	CATCH BASIN	166.48 4" E: 165.37 (W) 4" E: 165.37 (W)
6	4" CLEANOUT	167.37 4" E: 164.32 (E) 4" E: 164.32 (W)
7	4" CLEANOUT	166.86 4" E: 163.38 (S) 4" E: 163.38 (E)
8	4" CLEANOUT	166.47 4" E: 162.33 (W) 4" E: 162.33 (N)
9	4" CLEANOUT	166.83 4" E: 162.18 (S) 4" E: 162.18 (S)
10	CATCH BASIN	166.34 4" E: 164.67 (S) 4" E: 164.67 (S)
11	4" CLEANOUT	166.28 4" E: 162.35 (S) 4" E: 162.35 (N)
12	CATCH BASIN	164.98 4" E: 162.34 (N) 4" E: 162.34 (N)
13	4" CLEANOUT	165.20 4" E: 163.34 (S) 4" E: 163.34 (W)
14	4" CLEANOUT	165.96 4" E: 164.10 (S) 4" E: 164.10 (S)
15	4" CLEANOUT	165.87 4" E: 163.22 (W) 4" E: 163.22 (W)
16	CATCH BASIN	164.98 4" E: 162.34 (N) 4" E: 162.34 (N)
17	4" CLEANOUT	166.10 4" E: 164.46 (S) 4" E: 164.46 (S)
18	4" CLEANOUT	165.87 4" E: 164.10 (S) 4" E: 164.10 (S)
19	4" CLEANOUT	165.78 4" E: 163.22 (W) 4" E: 163.22 (W)
20	CATCH BASIN	164.98 4" E: 162.34 (N) 4" E: 162.34 (N)
21	4" CLEANOUT	166.10 4" E: 164.46 (S) 4" E: 164.46 (S)
22	4" CLEANOUT	165.87 4" E: 164.10 (S) 4" E: 164.10 (S)

NOTES

- ALL CATCH BASINS SHALL BE WSDOT TYPE 1 CATCH BASINS WITH SOLID LOCKING LIDS OR ENGINEER-APPROVED EQUIVALENT.
- ALL CLEANOUTS AND ROOF DRAINS SHALL BE PER DETAIL 3/C12.
- FOOTING DRAINS ARE NOT SHOWN. IF FOOTING DRAINS ARE PROPOSED, THEY SHALL BE TERMINATED AT THE PROPOSED CATCH BASIN ON EACH LOT, AND THEY SHALL NOT BE CONNECTED TO THE PROPOSED ROOF DRAINS FOR ANY REASON.
- TOP OF DRYWELL SHALL BE 6" ABOVE TOP OF INLET PIPE.
- DRYWELL DEPTH BEGINS 6" ABOVE TOP OF INLET PIPE.

KEY NOTES

- PROPOSED 11.5' X 11.5' X 6' DEEP DRYWELL PER DETAIL 1/C12
- PROPOSED 10' X 10' X 6' DEEP DRYWELL PER DETAIL 1/C12
- PROPOSED 8.5' X 8.5' X 6' DEEP DRYWELL PER DETAIL 1/C12
- PROPOSED 11.5' X 11.5' X 6' DEEP DRYWELL PER DETAIL 1/C12
- PROPOSED 11.5' X 11.5' X 6' DEEP DRYWELL PER DETAIL 1/C12
- PROPOSED BIORETENTION POND PER DETAIL 2/C12
BOTTOM AREA: 60 SF
BOTTOM ELEVATION: 163.08
TOP ELEVATION: 165.08
- PROPOSED BIORETENTION POND PER DETAIL 2/C12
BOTTOM AREA: 83 SF
BOTTOM ELEVATION: 163.64
TOP ELEVATION: 165.64
- PROPOSED BIORETENTION POND PER DETAIL 2/C12
BOTTOM AREA: 60 SF
BOTTOM ELEVATION: 162.21
TOP ELEVATION: 164.21
- PROPOSED 6" DEPTH WASHED GRAVEL OVER MIRAFI 140N GEOTEXTILE

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE
APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

IRISGROUP
civil engineers

UGA-SP-24-0559
5-LOT SHORT PLAT
SEE 14 & 51V 1/4 SEC 26 T14N 11 R10W 3W NW
1/4 SEC 26 T14N 11 R10W 3W NW
1/4 SEC 26 T14N 11 R10W 3W NW
CENTRALIA, WA 98531

DRAINAGE

PROJECT NO. DW201
REVIEWED BY: NDT
DESIGNED BY: NDT
DRAWN BY: RCB
DATE: 02-04-2025

Know what's BELOW
Call 811 before you dig.



C6
6 of 12



CIVIL NOTES

APPROVED FOR CONSTRUCTION

CITY ENGINEER

DATE _____

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

- | | | | | | |
|---|---|---------------|------|---|--|
| GENERAL | | | | | |
| 1.1. PROJECT NAME AND LOCATION:
AMTRAK TRAIN STATION – CTL
210 RAILROAD AVE
CENTRALIA, WA 98531 | <table> <tr> <td>CITY ENGINEER</td><td>DATE</td></tr> <tr> <td colspan="2">APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE</td></tr> </table> | CITY ENGINEER | DATE | APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE | |
| CITY ENGINEER | DATE | | | | |
| APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE | | | | | |
| 1.2. BUILDING AND PARKING OWNER: CITY OF CENTRALIA | | | | | |
| 1.3. PLATFORM OWNER: BURLINGTON NORTHERN SANTA FE RAILWAY | | | | | |
| 1.4. AMTRAK
OFFICE OF CHIEF ENGINEER STRUCTURES
NATIONAL RAIL ROAD PASSENGER CORPORATION
3701 STREET STATION, PHILADELPHIA, PENNSYLVANIA 19104 | | | | | |
| 1.5. PROJECT DESCRIPTION: | | | | | |
| 1.5.1. THIS PROJECT SHALL CONSIST OF THE CONSTRUCTION OF DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS (DOTAS) AND WASHINGTON STATE BUILDING CODE ACCESSIBILITY STANDARD COMPLIANT FEATURES INCLUDING BUT NOT LIMITED TO STATION PLATFORMS, SIDEWALKS, RAMPS, AND GRADE CROSSINGS. ADDITIONALLY ASSOCIATED SIGNING AS APPROPRIATE WILL BE CONSTRUCTED. | | | | | |
| 1.5.2. CONSTRUCTION GENERALLY INCLUDES BUT IS NOT LIMITED TO PAVEMENT REMOVAL, CONSTRUCTION OF NEW PAVEMENTS, NEW CONCRETE WALKS, ADA SIGN INSTALLATION, SEEDING AND LANDSCAPING, AND STORMWATER MANAGEMENT SYSTEMS. | | | | | |
| 1.5.3. SOIL DISTURBING ACTIVITIES TO INCLUDE ALL NECESSARY CLEARING AND GRUBBING, INSTALLATION OF EROSION CONTROL DEVICES, GRADING, FOUNDATION AND TRENCH EXCAVATION, AND PREPARATION OF LANDSCAPE AREAS. EROSION CONTROL FOR THE SITE INCLUDES SILT FENCING AND INLET PROTECTION WHERE NECESSARY. | | | | | |
| 1.6. PROJECT AREA: LIMITS OF WORK AS SHOWN ON THE SITE PLANS IS APPROXIMATELY 36,720 SQUARE FEET OR 0.84 ACRES. PRE AND POST DEVELOPED SITE DISCHARGES TO THE EAST SIDE OF THE OF SITE AND IS INFILTRATED INTO THE GROUND. | | | | | |
| 1.7. EXISTING CONDITIONS INFORMATION CONTAINED ON THESE PLANS WAS PROVIDED TO HNTB BY AMTRAK. DATA IS BASED ON A LAND SURVEY PERFORMED BY DAVID EVANS AND ASSOCIATES, DATED 04/16/2018. IF ANY DISCREPANCIES OR CONFLICTS FOR THE EXISTING CONDITIONS ARE FOUND IN THE FIELD WHICH MAY AFFECT THE SCOPE OF WORK, THE CONTRACTOR SHALL NOTIFY AMTRAK AND THE ENGINEER IMMEDIATELY. | | | | | |
| 2. <u>CONTRACTOR ACTIVITIES</u> | | | | | |
| 2.1. VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE SCOPE OF CONSTRUCTION BEFORE COMMENCING WITH ANY WORK. | | | | | |
| 2.1.1. CONTACT THE UTILITIES UNDERGROUND LOCATION CENTER AT 811 OR 1-800-425-5555 A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WITH ANY WORK OR TO REFRESH EXISTING DIG TICKETS. | | | | | |
| 2.1.2. MAKE NECESSARY ADJUSTMENTS TO ENSURE THE PROPER CONNECTIONS OF NEW SERVICES. COORDINATE WITH UTILITY COMPANIES TO ENSURE CONFORMANCE WITH THE UTILITY COMPANIES' STANDARDS AND SPECIFICATIONS. | | | | | |
| 2.1.3. RESET ALL UTILITY VALVE COVERS AND CASTINGS TO ENSURE CONFORMANCE WITH THE UTILITY COMPANIES' STANDARDS AND SPECIFICATIONS | | | | | |
| 2.2. DISTURBED AREAS ADJACENT TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST. | | | | | |
| 2.3. SAW CUT AND REMOVE EXISTING PAVEMENT AND WALKS IN ACCORDANCE WITH STATE AND LOCAL CODES; | | | | | |
| 2.3.1. PROVIDE A STRAIGHT AND UNIFORM EDGE ADJACENT TO EXISTING CONSTRUCTION WHICH IS TO REMAIN. | | | | | |
| 2.3.2. ALIGN ALL EDGES TO MEET FLUSH WITH EXISTING PAVEMENT OR WALKS AS SHOWN ON THE CIVIL PLAN. | | | | | |
| 2.3.3. COMPLETELY REMOVE PAVEMENT DOWN TO THE UNDERLYING SUBGRADE. | | | | | |
| 2.4. PROVIDE DE-WATERING IN ALL EXCAVATIONS AS NEEDED. | | | | | |
| 2.5. CONCRETE SIDEWALK SHALL CONFORM TO STATE AND LOCAL CODES; 4,000 PSI CONCRETE. WWF AND REBAR SHALL BE EPOXY COATED. | | | | | |
| 2.6. SURFACE MOUNTABLE DETECTABLE WARNING (TRUNCATED DOMES) SHALL BE INSTALLED AS SHOWN ON THE PLANS. CONTRACTOR TO PROVIDE MANUFACTURER'S SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER OF RECORD. | | | | | |
| 2.7. ALL STATION WORK, CONSTRUCTION LAYDOWN AND STORAGE AREAS, AND CONSTRUCTION ACCESS/EGRESS LOCATIONS ARE CONFINED TO THE AREA(S) DEFINED BY THE HOST RAILROAD RIGHT-OF-WAY AND/OR AMTRAK LEASE LINES, UNLESS OTHERWISE AGREED TO BY AMTRAK. PRIOR TO ANY CONSTRUCTION ACTIVITIES, OBTAIN PERMISSION AND AUTHORIZATION TO ENTER, CONSTRUCT, AND/OR OCCUPY ANY PROPERTY OUTSIDE THE DEFINED RIGHT-OF-WAY AND/OR LEASE LINES AS SHOWN ON THE PLANS. | | | | | |
| 3. <u>DOTAS CONSTRUCTION TOLERANCES</u> | | | | | |
| 3.1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMONSTRATE THAT ALL ROUGH GRADING AND FORMWORK SHALL RESULT IN FINISHED GRADES THAT COMPLY WITH | | | | | |

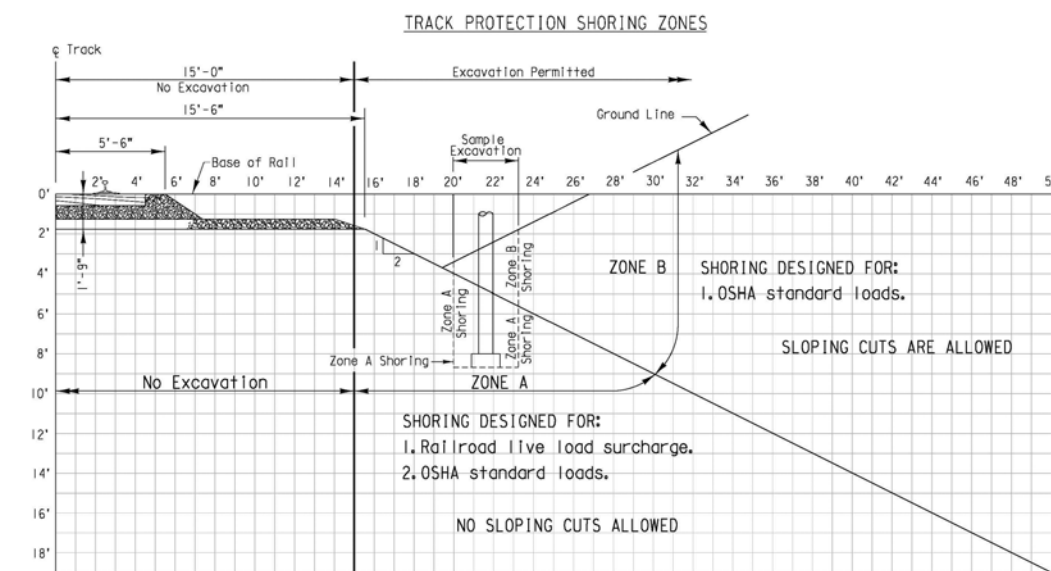
CONSTRUCTION TOLERANCES LISTED IN THIS SECTION.

- 3.2. THE CONTRACTOR SHALL USE THE FOLLOWING CRITERIA FOR ALL NEW PAVED AREAS AND ACCESSIBLE ROUTES:
- WALKWAYS
- a. MAXIMUM RUNNING SLOPE OF WALKWAYS SHALL NOT EXCEED 1:22 (4.5%).
- b. MAXIMUM CROSS SLOPE OF WALKWAYS SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
- RAMPS AND LANDINGS
- a. MAXIMUM SLOPE AT LANDINGS SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
- b. MAXIMUM RUNNING SLOPE OF RAMPS SHALL NOT EXCEED 1:13 (7.69%).
- c. MAXIMUM CROSS SLOPE OF RAMPS SHALL NOT EXCEED 1:60 (1.67%).
- 3.3. CONTRACTOR SHALL ADJUST DIMENSIONS AS REQUIRED IN THE FIELD SUCH TOLERANCES AS STATED ABOVE ARE ACHIEVED AND EDGES AT ALL TRANSITIONS BETWEEN NEW AND EXISTING PAVEMENTS OR SIDEWALKS SHALL BE FULL THICKNESS AND SET FLUSH WITH EXISTING PAVEMENT OR SIDEWALKS AND MEET THE ABOVE CRITERIA.
- 3.4. IF THESE TOLERANCES CAN NOT BE ACHIEVED DUE TO EXISTING CONDITIONS DISCREPANCIES CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IMMEDIATELY.
4. SEDIMENT & EROSION CONTROL NOTES
- 4.1. THE DESIGN OF EROSION CONTROL SYSTEMS AND BEST MANAGEMENT PRACTICES (BMP's) SHALL FOLLOW THE REQUIREMENTS OF STATE AND LOCAL CODES.
- 4.2. THE CONTRACTOR SHALL PROVIDE AND PLACE SEDIMENT CONTROLS AS NECESSARY AT ALL POINTS WHERE WATER LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM DRAINS, WHETHER SPECIFICALLY SHOWN ON THE PLANS OR NOT.
- 4.3. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT FILTERS, SILT FENCE, INLET PROTECTION ETC.
- 4.4. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK AREA AT ALL TIMES CONSISTENT WITH STATE AND LOCAL CODES.
- 4.5. DISTURBED EARTH SHALL BE COVERED/STABILIZED WITHIN 7 DAYS FROM MAY 1ST TO SEPTEMBER 30TH AND WITHIN 2 DAYS FROM OCTOBER 1ST-APRIL 30TH. SEE WSDOT STANDARD SPECIFICATION 8-01.3(1). OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.
- 4.6. ALL DENUDED AREAS, INCLUDING STOCKPILED TOPSOIL AND EXCAVATED MATERIAL, ARE TO BE PROTECTED THROUGH THE USE OF TEMPORARY SEEDING, OR COVERED WITH ANCHORED STRAW MULCH.
- 4.7. FINAL GRADING WILL BE CONSISTENT WITH PRE-CONSTRUCTION TOPOGRAPHY TO MAINTAIN DRAINAGE AND AESTHETICS.
- 4.8. REMOVE ONLY THOSE TREES, SHRUBS, AND GRASSES THAT MUST BE REMOVED TO PERMIT ACTUAL CONSTRUCTION. PROTECT THE REMAINING TO PRESERVE THEIR AESTHETIC AND EROSION CONTROL VALUE.
- 4.9. SETTling FACILITIES, SEDIMENT FILTERS, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING OR CONSTRUCTION AND WITHIN 7 DAYS FROM THE START OF ANY CLEARING OR GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.
- 4.10. CONSTRUCTION ACCESS ROUTES – MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS ELIMINATED.
- 4.11. SLOUGHING AND DUMPING – NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO A WATER RESOURCE OR INTO SUCH PROXIMITY THAT IT MAY READILY SLOUGH, SLIP, OR ERODE INTO A WATER RESOURCE.
- 4.12. MAINTENANCE AND INSPECTION – ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND CONSTRUCTED TO MINIMIZE MAINTENANCE REQUIREMENTS. THEY SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. MAINTENANCE AND INSPECTION OF ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR'S REPRESENTATIVE RESPONSIBLE FOR SETTING UP AND CHECKING THE BMP MEASURES SHALL HAVE A PROFESSIONAL EROSION AND SEDIMENT CONTROL LEAD CERTIFICATION.
- 4.13. OUTFLOWS FROM DEWATERING OPERATIONS – ALL WATER PRODUCED FROM CLEANING AND DEWATERING OPERATIONS, WHETHER SPECIFICALLY FROM TRENCH DEWATERING OPERATIONS OR FROM MORE EXTENSIVE DEWATERING OPERATIONS, SHALL BE DISCHARGED IN SUCH A MANNER AS TO ELIMINATE EROSION FROM SUCH DISCHARGE.
- 4.14. THE CONTRACTOR'S ATTENTION IS DIRECTED TO CITY OF CENTRALIA MUNICIPAL CODE CHAPTER 9, AND THE STATE OF WASHINGTON CONSTRUCTION STORMWATER GENERAL PERMIT REGARDING STORM WATER QUALITY MAINTENANCE AND ACCEPTED BMP's.

5. DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS (DOTAS)

- 5.1. ALL ACCESSIBLE FIXTURES, WALKING SURFACES, RAMPS, ETC., SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS (2006 OR LATER) ISSUED BY THE US DEPARTMENT OF TRANSPORTATION AND THE LATEST WASHINGTON STATE BUILDING CODE ACCESSIBILITY STANDARDS.
6. HOST RAILROAD REQUIREMENTS
 - 6.1. ALL ACTIVITIES WITHIN 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK ARE CONSIDERED FOULING THE TRACK. DURING CONSTRUCTION, CLEAR THE FOUL AREA BY REMOVING ALL PERSONNEL AND EQUIPMENT A MINIMUM OF 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK DURING TRAIN OPERATIONS. NOTICE FOR CLEARING THE FOUL AREA DURING TRAIN OPERATIONS WILL BE GIVEN BY AN ONSITE RAILROAD PROTECTION FLAGMAN. CLEAR THE FOUL AREA AND REMAIN CLEAR OF THE FOUL AREA UNTIL ALLOWED TO RETURN AS INSTRUCTED BY THE FLAGMAN. THIS REQUIREMENT TO CLEAR AND REMAIN CLEAR OF THE FOULED AREA MAY OCCUR AT ANY TIME DURING THE CONSTRUCTION ACTIVITIES.
 - 6.2. PLACEMENT OR STORAGE OF MATERIAL OR EQUIPMENT WILL NOT BE PERMITTED WITHIN 25 FEET FROM CENTERLINE OF AN ADJACENT TRACK, EXCEPT AS MAY BE NOTED IN THE APPROVED SITE SPECIFIC WORK PLAN. TO ENSURE THIS REQUIREMENT, ESTABLISH A 25 FOOT LINE PRIOR TO THE START OF WORK BY DRIVING STAKES, TAPING OFF, OR ERECTING A TEMPORARY FENCE.
 - 6.3. SUBMIT SITE SPECIFIC WORK PLANS (SSWP) INCLUDING COMPUTATIONS AND A DETAILED DESCRIPTION OF PROPOSED METHODS FOR ACCOMPLISHING THE WORK, INCLUDING METHODS FOR PROTECTING HOST RAILROAD TRAFFIC. MULTIPLE SSWPS MAY BE REQUIRED FOR EACH STATION AS DIRECTED BY THE PROJECT ENGINEER, DEPENDENT UPON THE WORK TASKS AND DURATIONS OF EACH WORK TASK.
 - 6.4. THE USE OF CELL PHONE, RADIOS, OR PERSONAL ELECTRONIC DEVICES (INCLUDING PERSONAL FITNESS TRACKERS) IS NOT ALLOWED WITHIN 25 FEET OF THE TRACK CENTERLINE.
 - 6.5. COORDINATE TEMPORARY SIGN INSTALLATION LOCATIONS WITH THE HOST RAILROAD AND AMTRAK TO ADDRESS OPERATIONS CONCERNS.
 - 6.6. PHASE THE WORK SO AS TO MAINTAIN THE NORMAL TRAIN OPERATIONS AND ACCESS FOR PASSENGER MOVEMENT FOR BOARDING AND DEPARTING THE TRAINS AND ACCESS TO ADJACENT PARKING FACILITIES.
 - 6.7. THE FLAGGING ACTIVITIES AND PRESENCE WILL BE DETERMINED BY THE HOST RAILROAD AND WILL BE BASED UPON THE APPROVED SITE SPECIFIC WORK PLAN.
 - 6.8. COORDINATE WITH AMTRAK AND HOST RAILROAD TO LOCATE, PROTECT, AND RESTORE ALL BURIED UTILITIES, SIGNAL, AND COMMUNICATION CABLES. VERIFY AND MARK ALL UTILITIES, SIGNAL AND COMMUNICATION CABLES PRIOR TO ANY EXCAVATION. IN ADDITION TO MARK OUTS PERFORMED FOR OR BY THE UTILITY COMPANIES, CONTACT THE HOST RAILROAD FOR A SEPARATE DIG TICKET PRIOR TO EXCAVATION. BNSF UTILITY CALL CENTER: 800-533-2891.
 - 6.9. FOR ANY EXCAVATION WORK PERFORMED WITHIN 5 FEET OF AN ACTIVE BNSF SIGNAL LINE OR SIGNAL STRUCTURE FOUNDATION, CONTRACTOR SHALL HAND EXCAVATE AROUND THE ENTIRE LINE OR FOUNDATION AS WELL AS PROVIDE FULL-TIME ON-SITE MONITORING BY BNSF SIGNAL PERSONNEL.
 - 6.10. STORAGE OF MATERIAL OR EQUIPMENT ON OWNER'S PROPERTY WITHOUT FIRST HAVING OBTAINED PERMISSION FROM THE RESIDENT ENGINEER.
 - 6.11. CONFORM TO THE HOST RAILROAD GUIDELINES FOR TEMPORARY SHORING:

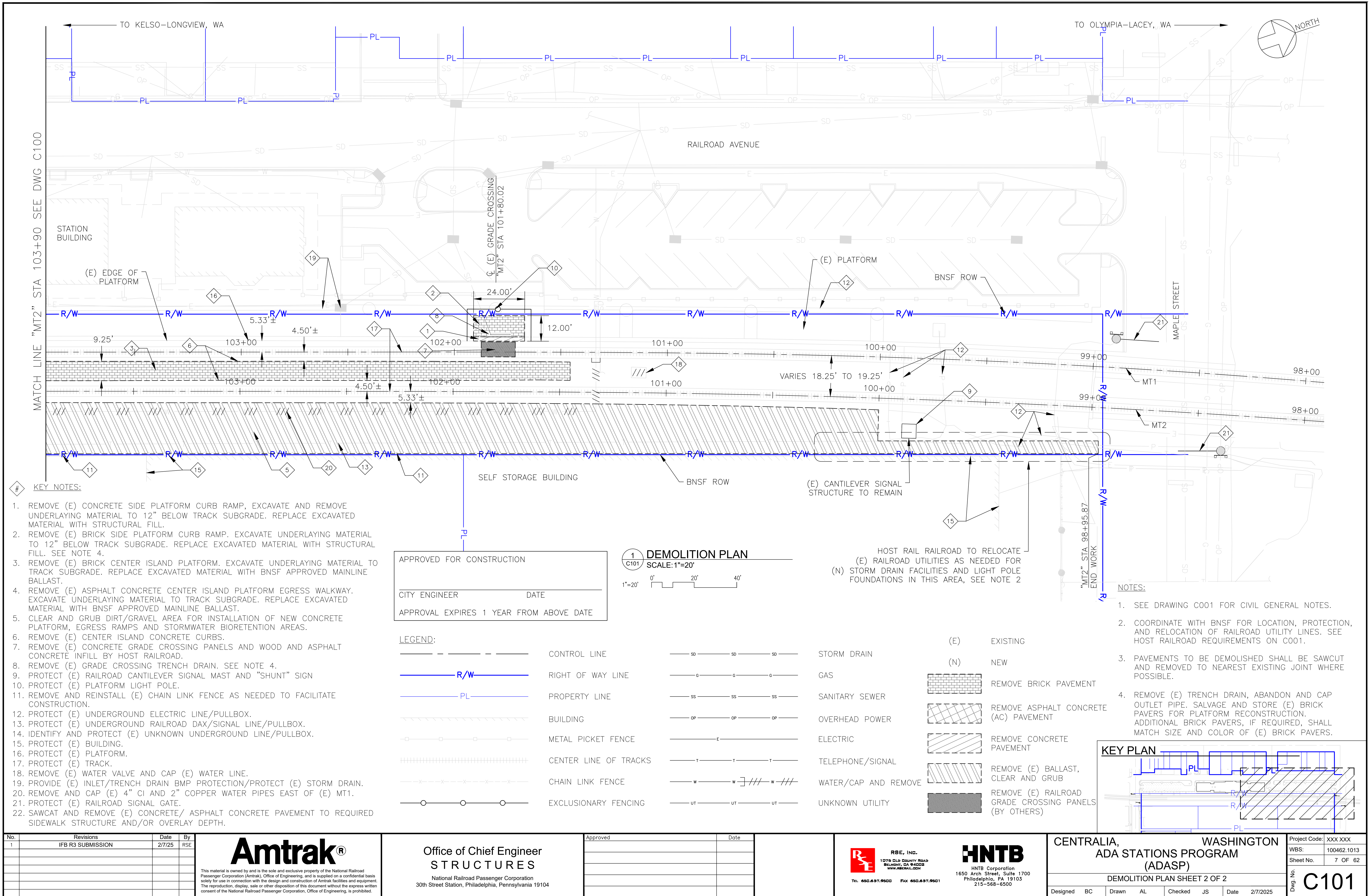
6.11. CONFORM TO THE HOST RAILROAD GUIDELINES FOR TEMPORARY SHORING:

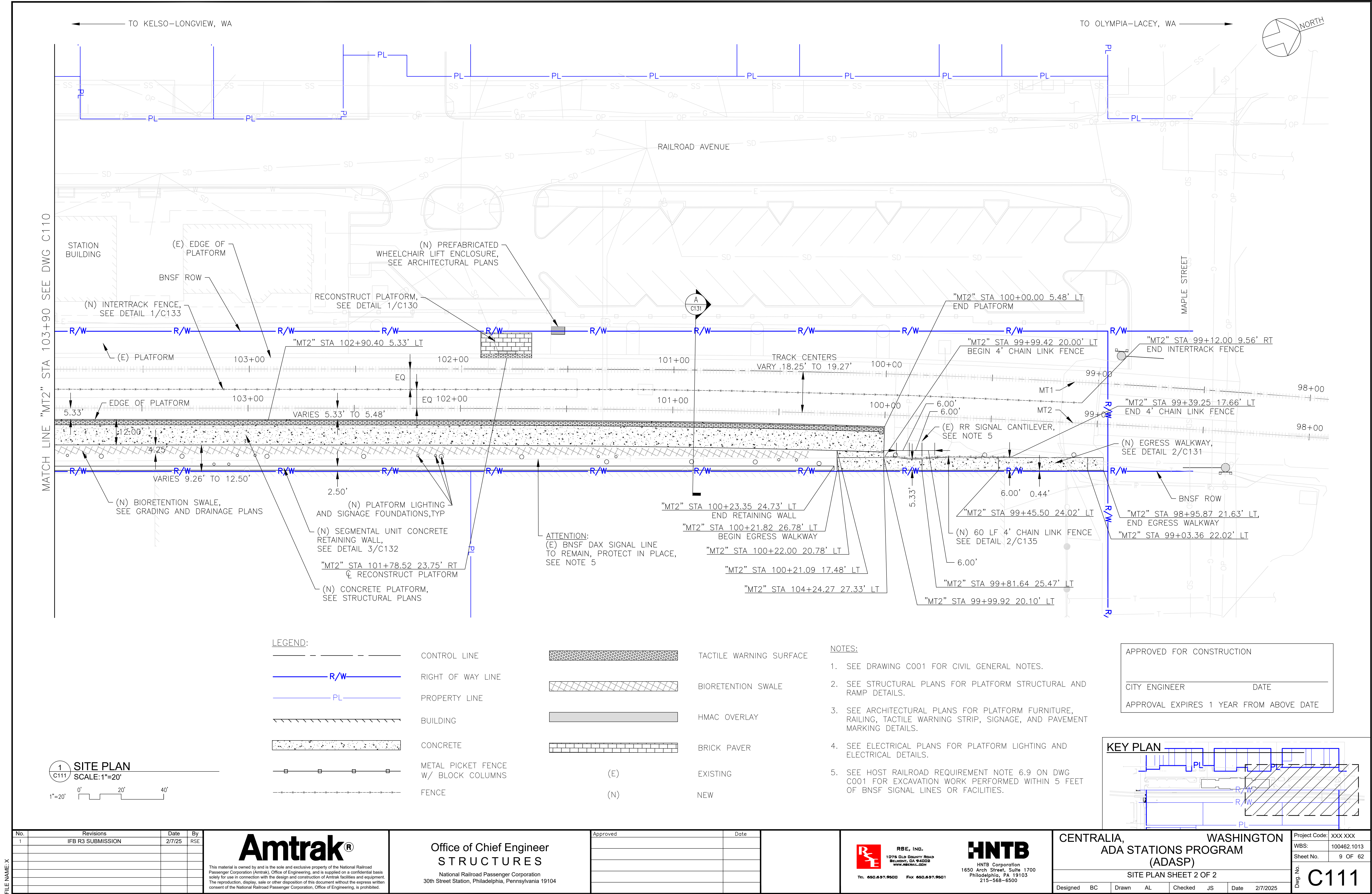


GENERAL EXCAVATION/SHORING LINE NOTES:

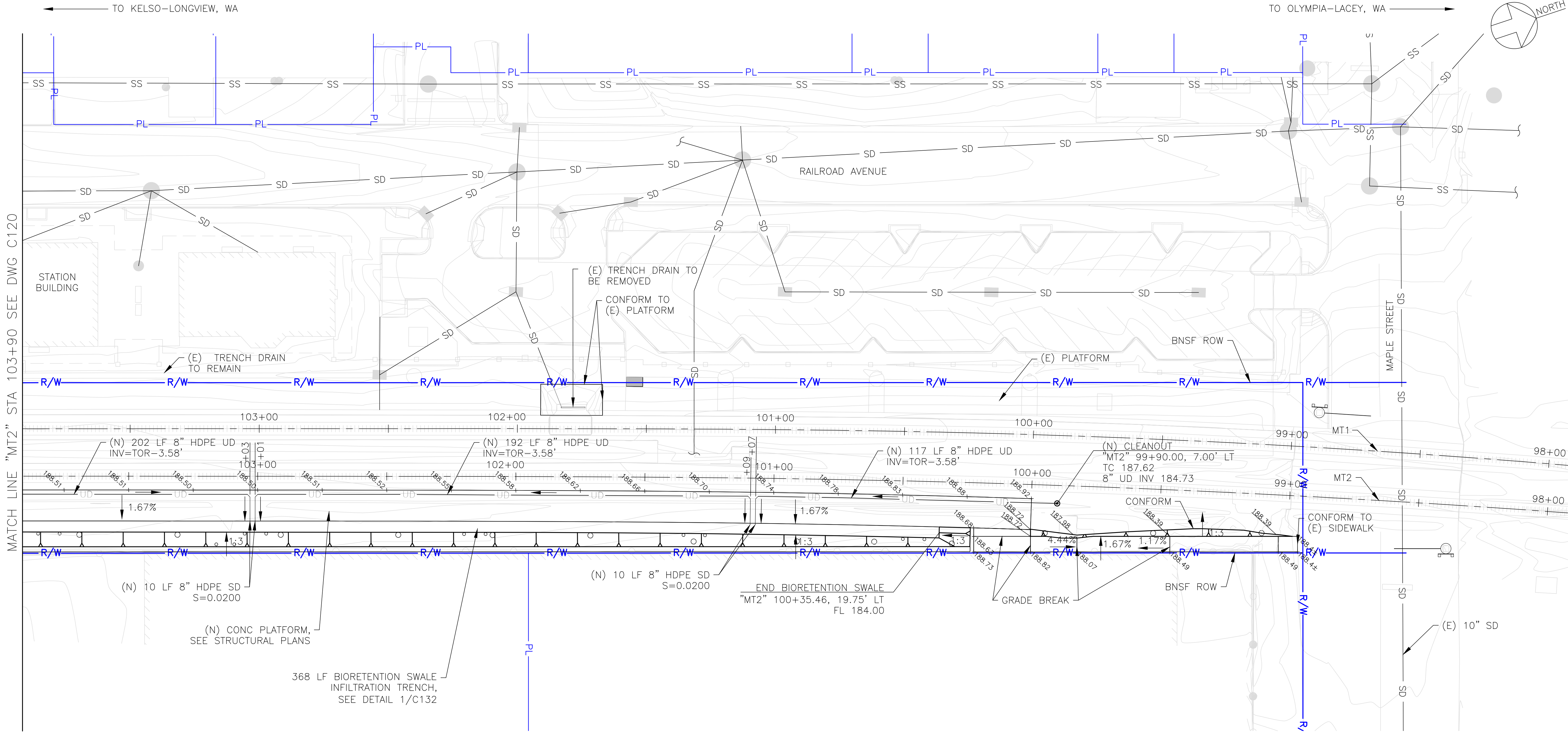
1. ALL DIMENSIONS ARE MEASURED PERPENDICULAR TO CENTER LINE OF TRACKS.
2. OBTAIN APPROVAL BY THE HOST RAILROAD OF DETAILED PLANS, INDICATING THE NATURE AND EXTENT OF THE PROPOSED SHORING FOR TRACK PROTECTION, PRIOR TO COMMENCEMENT OF ANY WORK. PROVIDE TEMPORARY SHORING SYSTEM COMPLYING WITH HOST RAILROAD DESIGN GUIDELINES.
3. FOR EXCAVATION WHICH ENCROACHES INTO ZONE A OR B, PROVIDE SHORING DESIGN CALCULATIONS. PROVIDE PLANS AND CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE WORK WILL BE PERFORMED.

No.	Revisions	Date	By	<div><div>Amtrak®</div><p>This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.</p></div>	<div>Office of Chief Engineer STRUCTURES</div> <div>National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104</div>	<div>Approved</div> <div>Date</div>	<div><div><div>RSE</div><div>RSE, INC. 1075 OLD COUNTY ROAD BELMONT, OH 44022 WWW.RSE-ALL.COM</div><div>TEL. 650.657.9500 FAX 650.657.9501</div></div><div><div>HNTB</div><div>HNTB Corporation 1650 Arch Street, Suite 1700 Philadelphia, PA 19103 215-568-6500</div></div></div>	<div>CENTRALIA, WASHINGTON</div> <div>ADA STATIONS PROGRAM (ADASP)</div> <div>CIVIL GENERAL NOTES</div> <table><tr><td>Designed</td><td>AL</td><td>Drawn</td><td>AL</td><td>Checked</td><td>JS</td><td>Date</td><td>2/7/2025</td></tr></table>	Designed	AL	Drawn	AL	Checked	JS	Date	2/7/2025	<div>Project Code: XXX XXXX</div> <div>WBS: 100462.1013</div> <div>Sheet No. 5 OF 62</div> <div>Draw. No. C001</div>
Designed	AL	Drawn	AL						Checked	JS	Date	2/7/2025					
1	IFB R3 SUBMISSION	2/7/25	RSE														





FILE NAME: X



MATCH LINE "MT2" STA 103+90 SEE DWG C120

APPROVED FOR CONSTRUCTION

CITY ENGINEER _____ DATE _____

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

1 GRADING AND DRAINAGE PLAN
C121 SCALE: 1"=20'

1"=20' 0' 20' 40'

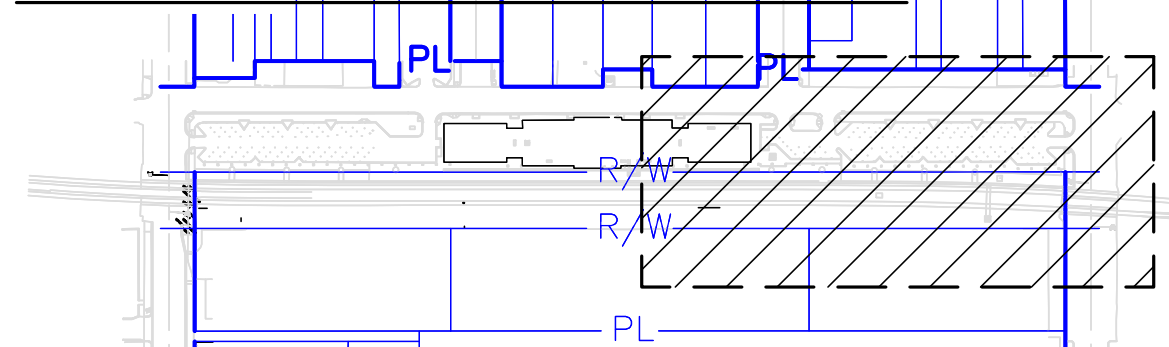
LEGEND:

- | | | | |
|---------|------------------------|-----|----------|
| --- | CONTROL LINE | (E) | EXISTING |
| — R/W — | RIGHT OF WAY LINE | (N) | NEW |
| — PL — | PROPERTY LINE | | |
| — SD — | STORM DRAIN PIPE | | |
| — UD — | UNDERDRAIN PIPE | | |
| Ⓢ | SANITARY SEWER MANHOLE | | |
| | DRAIN INLET | | |
| ⓓ | STORM DRAIN MANHOLE | | |
| → | FLOW/SLOPE DIRECTION | | |

NOTES:

- SEE DRAWING C001 FOR CIVIL GENERAL NOTES.
- PLATFORM AND WALKWAY EDGE ELEVATIONS ARE LOCATED AT 25' STATIONING RELATIVE TO THE "MT2" LINE UNLESS INDICATED OTHERWISE.
- PRIOR TO PERFORMING ANY WORK RELATED TO THE NEW PLATFORM, OBTAIN TOP OF RAIL ELEVATIONS ALONG THE ENTIRE LENGTH OF THE PLATFORM. SUBMIT TO THE PROGRAM MANAGER A PLAN AND PROFILE SHOWING THE NEW TOP OF RAIL ELEVATIONS AND THE PROPOSED TOP OF PLATFORM ELEVATIONS. HIGHLIGHT ANY LOCATIONS WHERE THE DELTA BETWEEN THE TOP OF RAIL AND TOP OF PLATFORM HAS CHANGED FROM THE ORIGINAL DESIGN DRAWINGS. AMTRAK MAY MODIFY THE TOP OF PLATFORM ELEVATION IF THE EXISTING TOP OF RAIL ELEVATION HAS CHANGED. INCORPORATE ANY COMMENTS FROM AMTRAK AND CONSTRUCT THE PLATFORM BASED ON THE FINAL APPROVED ELEVATIONS.
- SEE DETAILS 5/C132 AND 6/C132 FOR UNDERDRAIN TRENCH AND CLEANOUT DETAILS.

KEY PLAN



No.	Revisions	Date	By
1	IFB R3 SUBMISSION	2/7/25	RSE

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Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



RSE, INC.
1075 Old County Road
Belmont, CA 94022
www.rseinc.com
TEL 650.697.9500 FAX 650.697.9501



HNTB Corporation
1650 Arch Street, Suite 1700
Philadelphia, PA 19103
215-568-6500

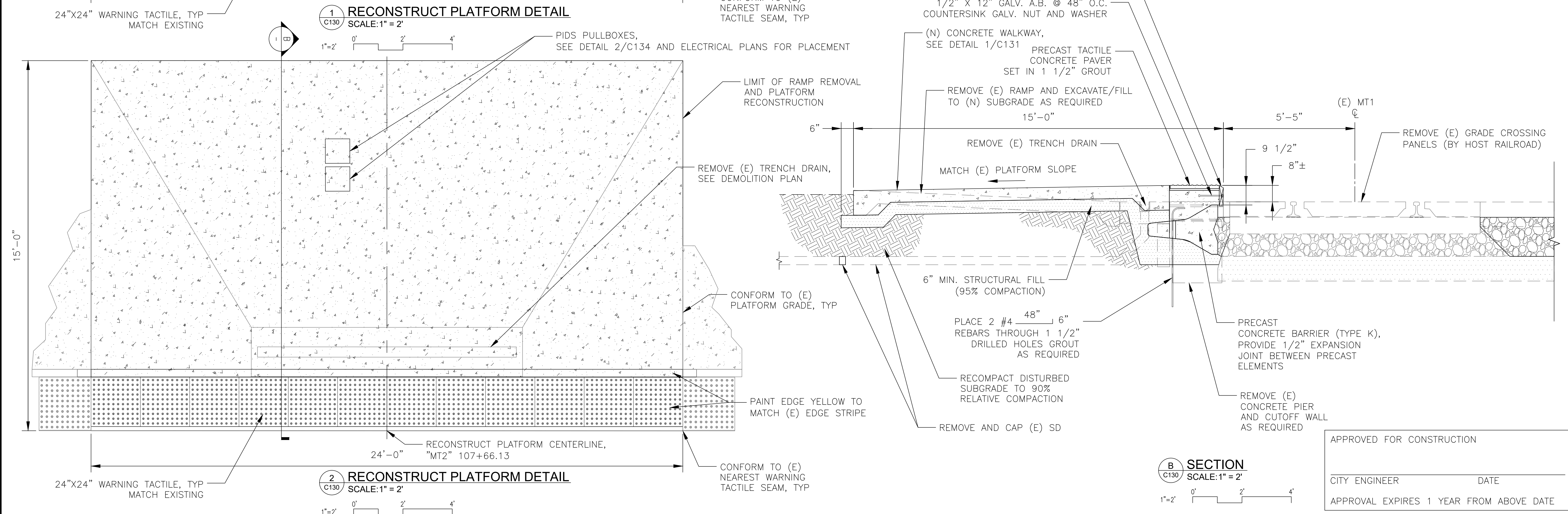
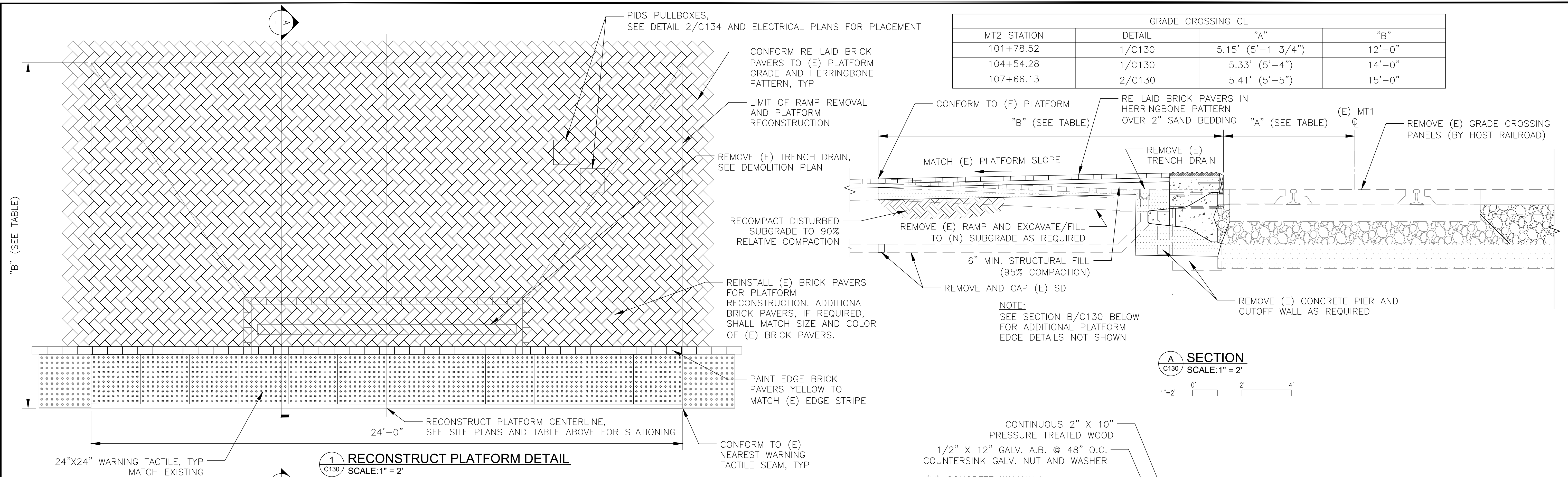
CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
(ADASP)

GRADING AND DRAINAGE PLAN SHEET 2 OF 2

Designed BC Drawn AL Checked JS Date 2/7/2025

Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	11 OF 62
Dwg. No.	C121

GRADE CROSSING CL			
MT2 STATION	DETAIL	"A"	"B"
101+78.52	1/C130	5.15' (5'-1 3/4")	12'-0"
104+54.28	1/C130	5.33' (5'-4")	14'-0"
107+66.13	2/C130	5.41' (5'-5")	15'-0"



APPROVED FOR CONSTRUCTION

CITY ENGINEER _____ DATE _____

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[illegible]

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STRUCTURES

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30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



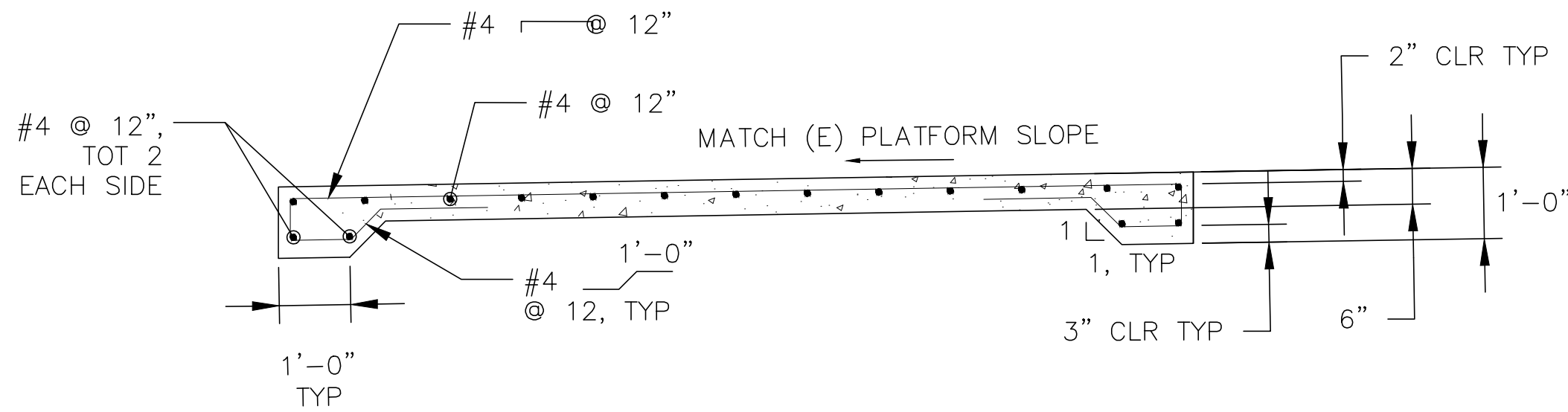
CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
(ADASP)

CONSTRUCTION DETAILS, SHEET 1 OF 6

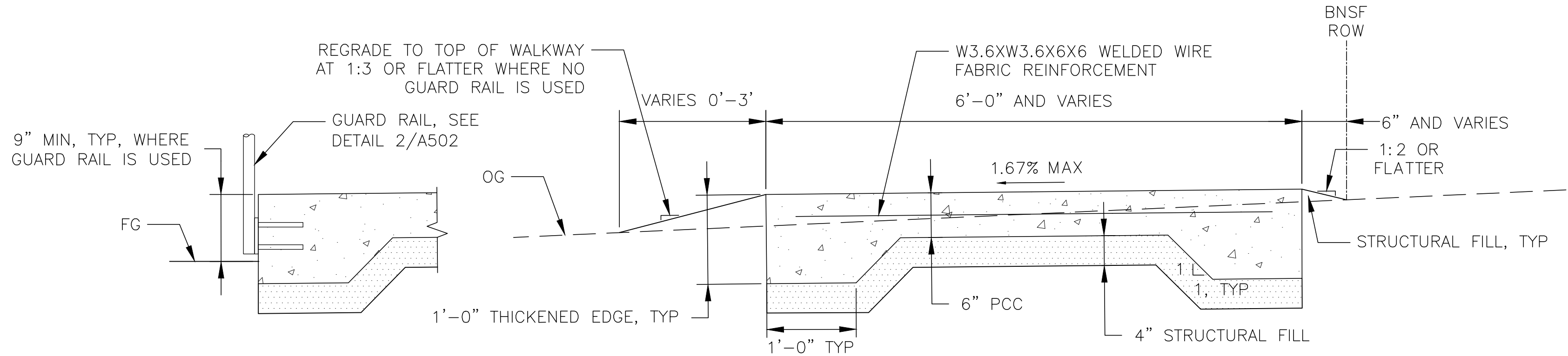
Designed	BC	Drawn	AL	Checked	JS	Date	2/7/2025
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Project Code:	XXX XXX
SS:	100462.1013
Sheet No.	12 OF 62

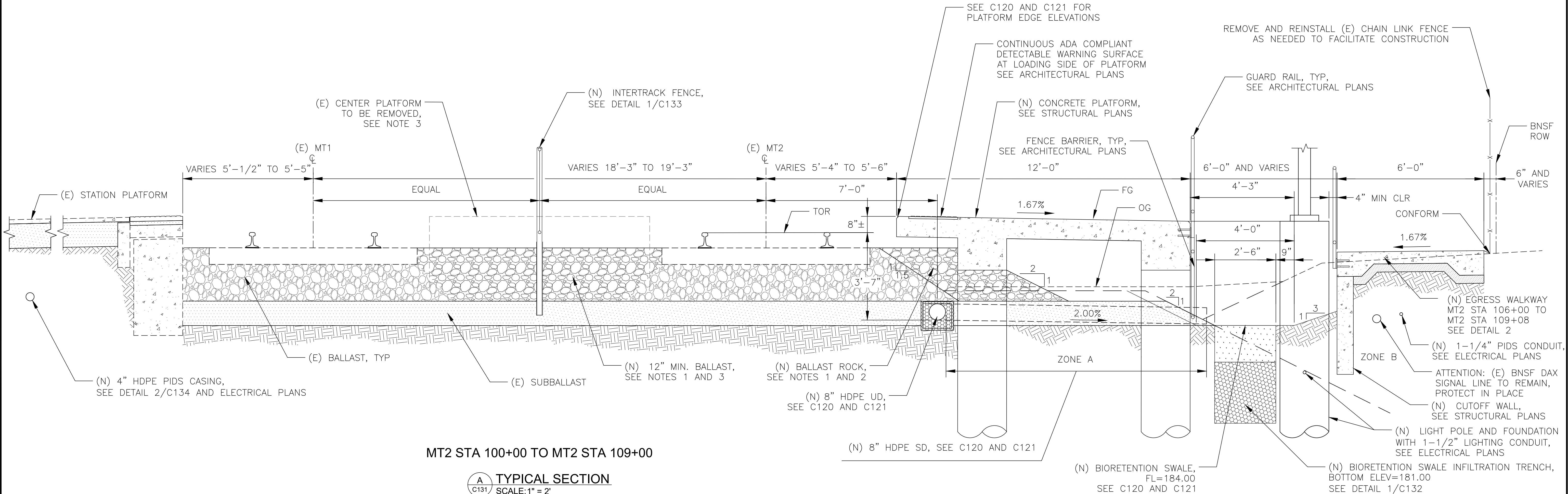
C130



1
C131
CONCRETE WALKWAY DETAIL
SCALE: 1" = 2'



2
C131
EGRESS WALKWAY DETAIL
SCALE: 1" = 1'



A
C131
TYPICAL SECTION
SCALE: 1" = 2'

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

NOTES:

- BALLAST AND DRAIN ROCK SHALL BE CLEAN BNSF APPROVED MAINLINE BALLAST.
- COORDINATE BALLAST AND UNDERDRAIN PLACEMENT WITH HOST RAILROAD.
- COORDINATE (E) CENTER PLATFORM REMOVAL AND IN-FILL BALLAST REPLACEMENT WITH HOST RAILROAD.
- CONTRACTOR SHALL PROVIDE SHORING PLAN FOR PROPOSED UTILITY/STORM DRAINAGE TRENCHING FOR HOST RAILROAD REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK. SEE HOST RAILROAD REQUIREMENTS ON C001.

No.	Revisions	Date	By
1	IFB R3 SUBMISSION	2/7/25	RSE



Office of Chief Engineer
STRUCTURES

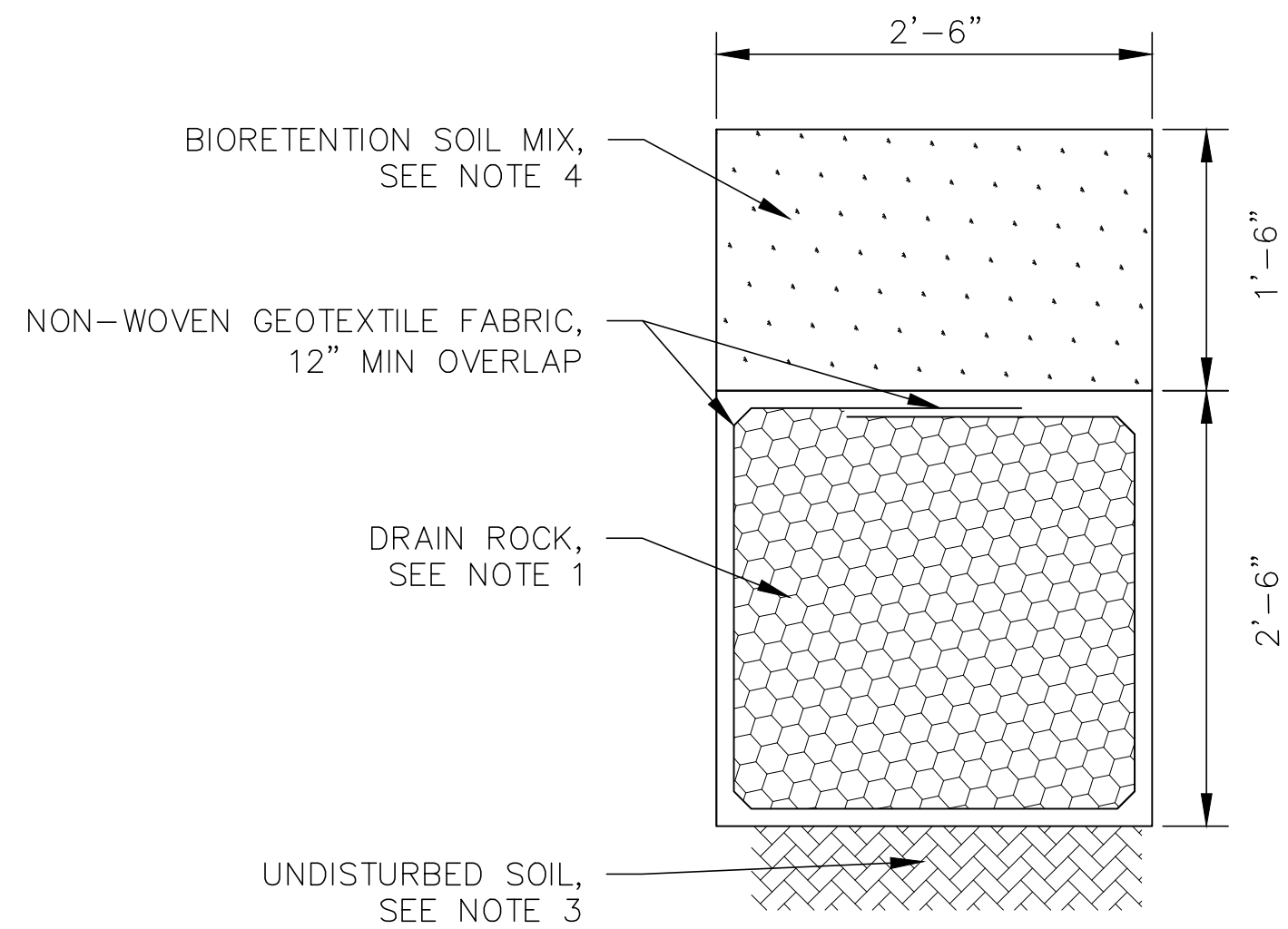
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



CENTRALIA, ADA STATIONS PROGRAM (ADASP)		WASHINGTON	
CONSTRUCTION DETAILS, SHEET 2 OF 6			
Designed	BC	Drawn	AL
Checked	JS	Date	2/7/2025

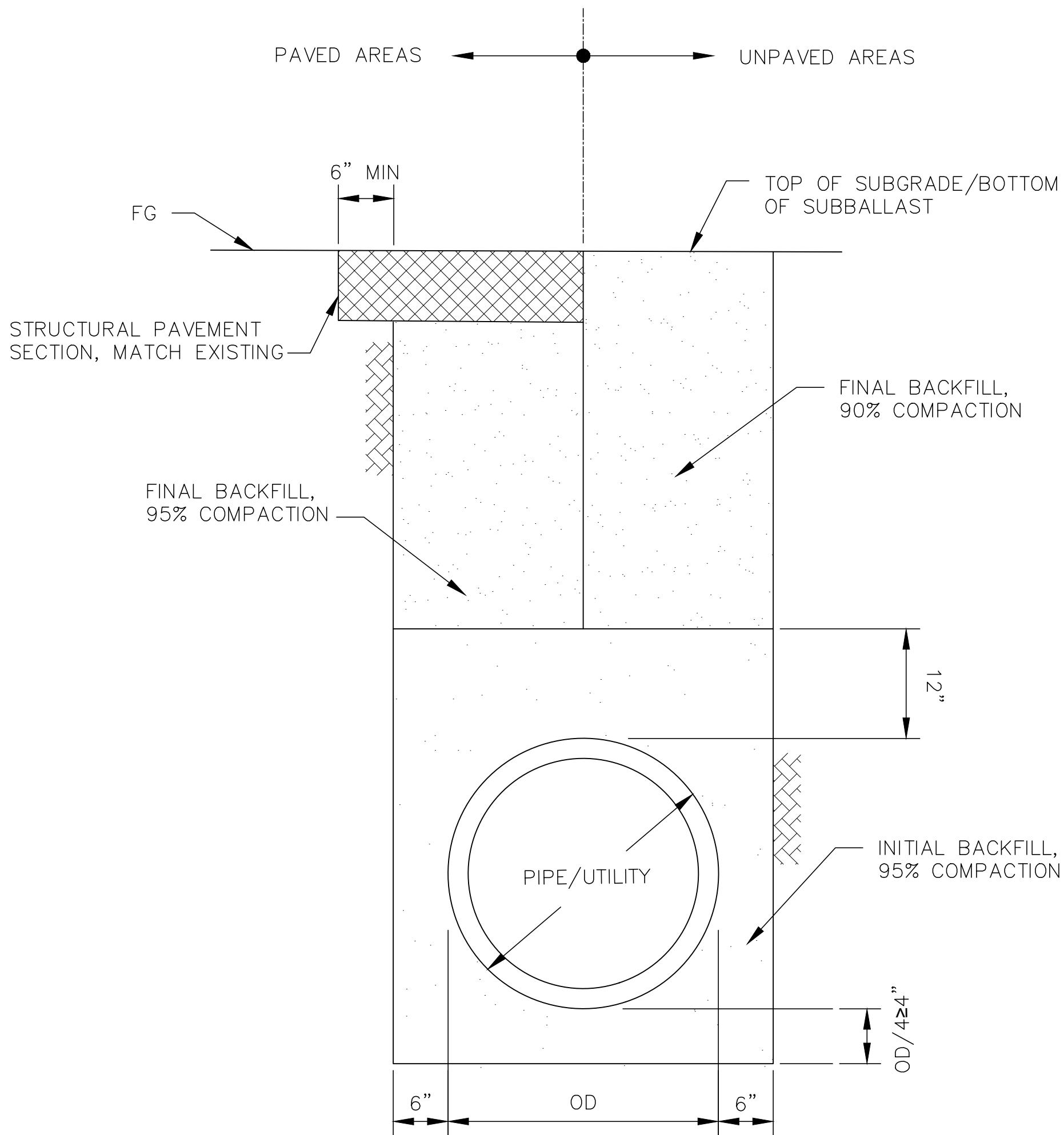
Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	13 OF 62
Dwg. No.	C131



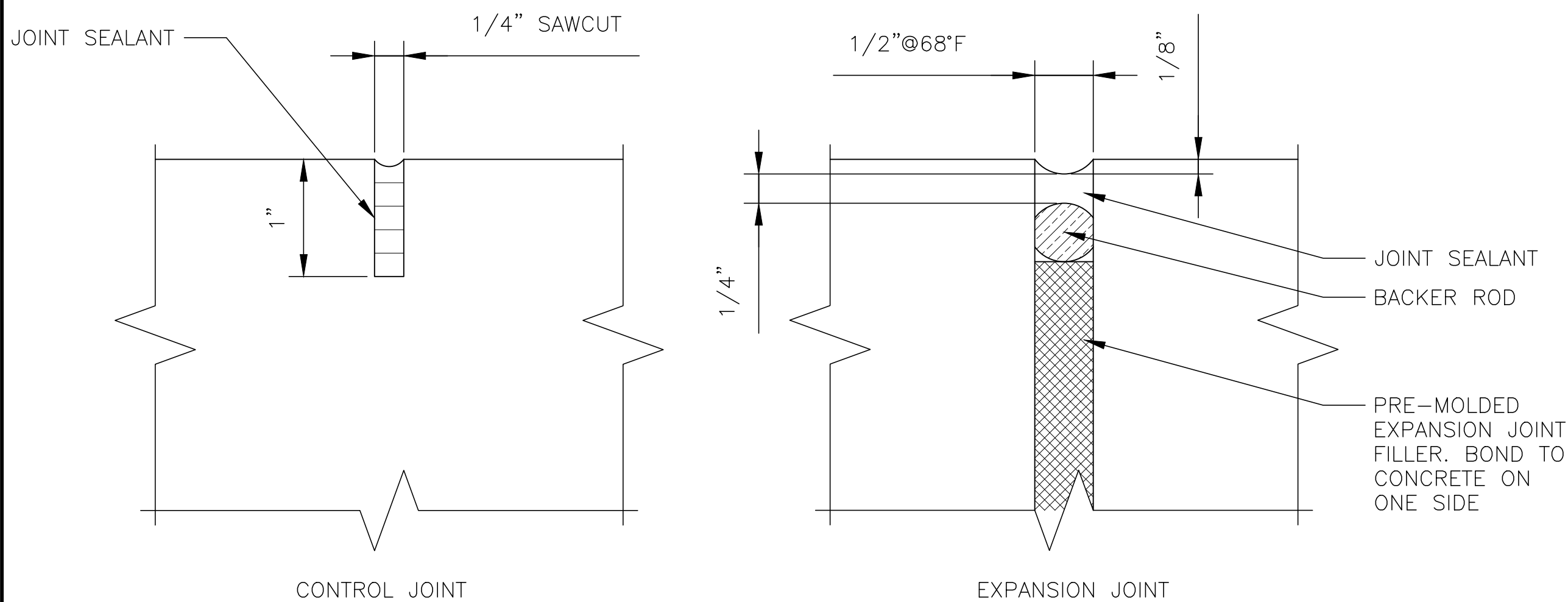
NOTES:

1. DRAIN ROCK SHALL BE CLEAN BNSF APPROVED MAINLINE BALLAST.
2. LOCALIZED REDUCTIONS IN TRENCH WIDTH ARE PERMITTED WHERE LIGHTING POLE FOUNDATIONS ENCROACH INTO THE TRENCH ZONE. ENCROACHMENTS SHALL BE MINIMIZED TO THE GREATEST POSSIBLE EXTENT.
3. EXCAVATED TRENCH BOTTOM SOIL SHALL REMAIN IN AN UNDISTURBED CONDITION AND NOT BE COMPACTED PRIOR TO INSTALLATION OF DRAIN ROCK.
4. DEFAULT BIORETENTION SOIL MIX MEDIA SPECIFIED IN THE 2019 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOLUME V, CHAPTER 7, PAGES 789 THROUGH 791, SHALL BE USED.

1 C132 BIORETENTION SWALE INFILTRATION TRENCH AND BACKFILL DETAIL
SCALE:NTS

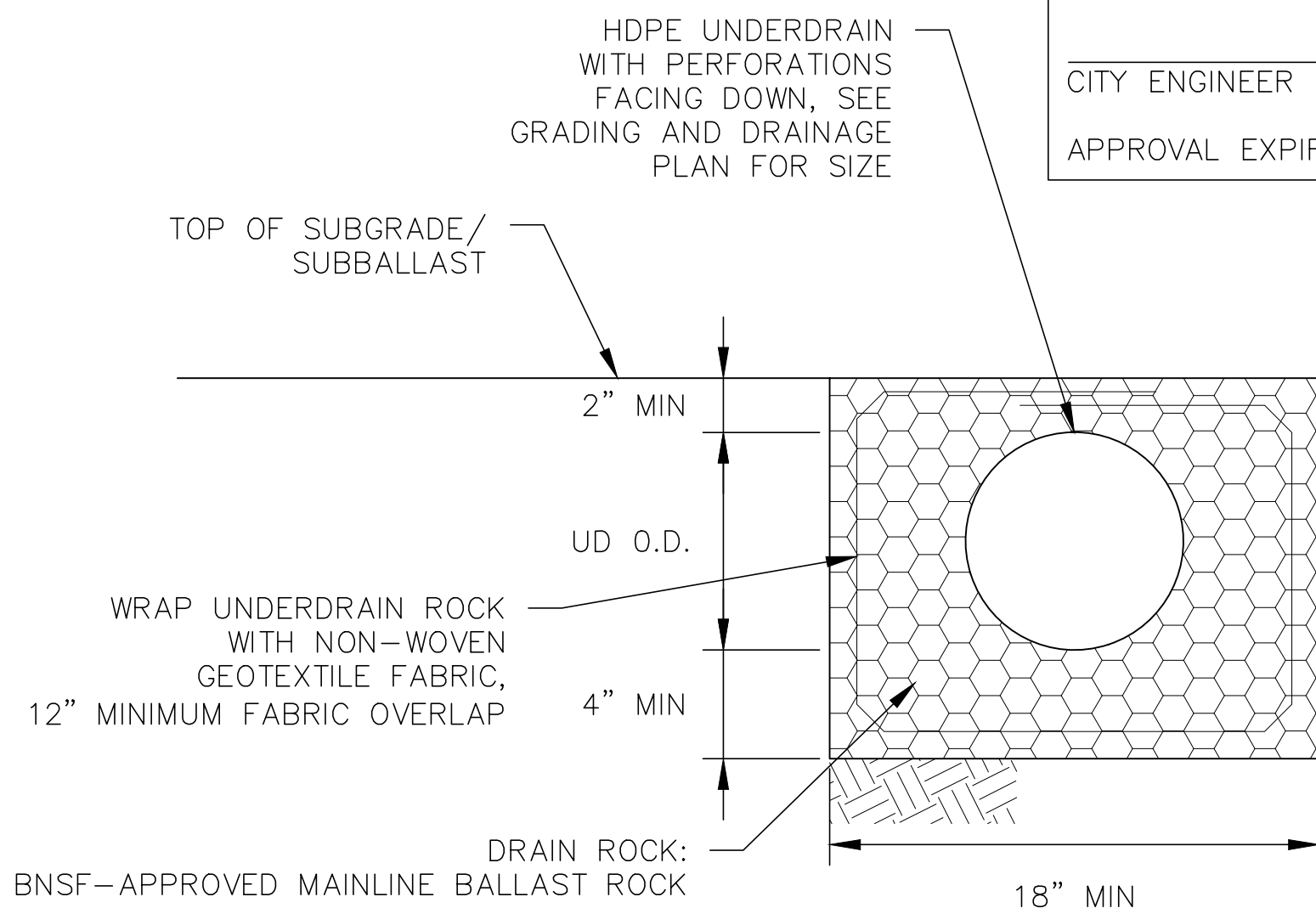


2 C132 STORM DRAIN/ UTILITY TRENCH AND BACKFILL DETAIL
SCALE:NTS

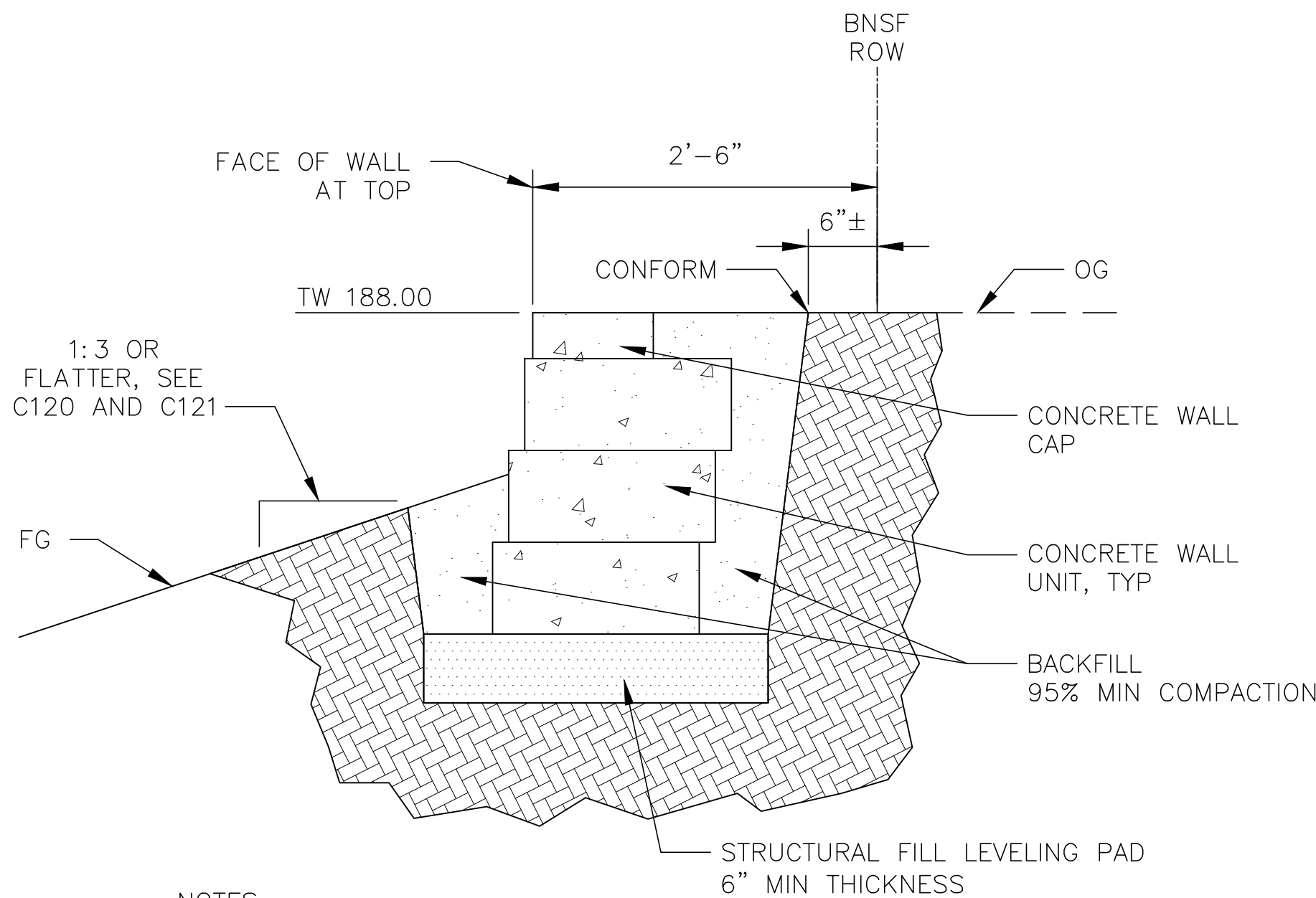


NOTE: CONTROL JOINTS SHALL BE SPACED EQUALLY ALONG WALKWAY ALIGNMENTS. MAXIMUM SPACING SHALL BE 6'-0" O.C. INSTALL EXPANSION JOINTS AT EVERY THIRD JOINT.

4 C132 TYPICAL WALKWAY AND RAMP CONTROL AND EXPANSION JOINT DETAIL
SCALE:NTS



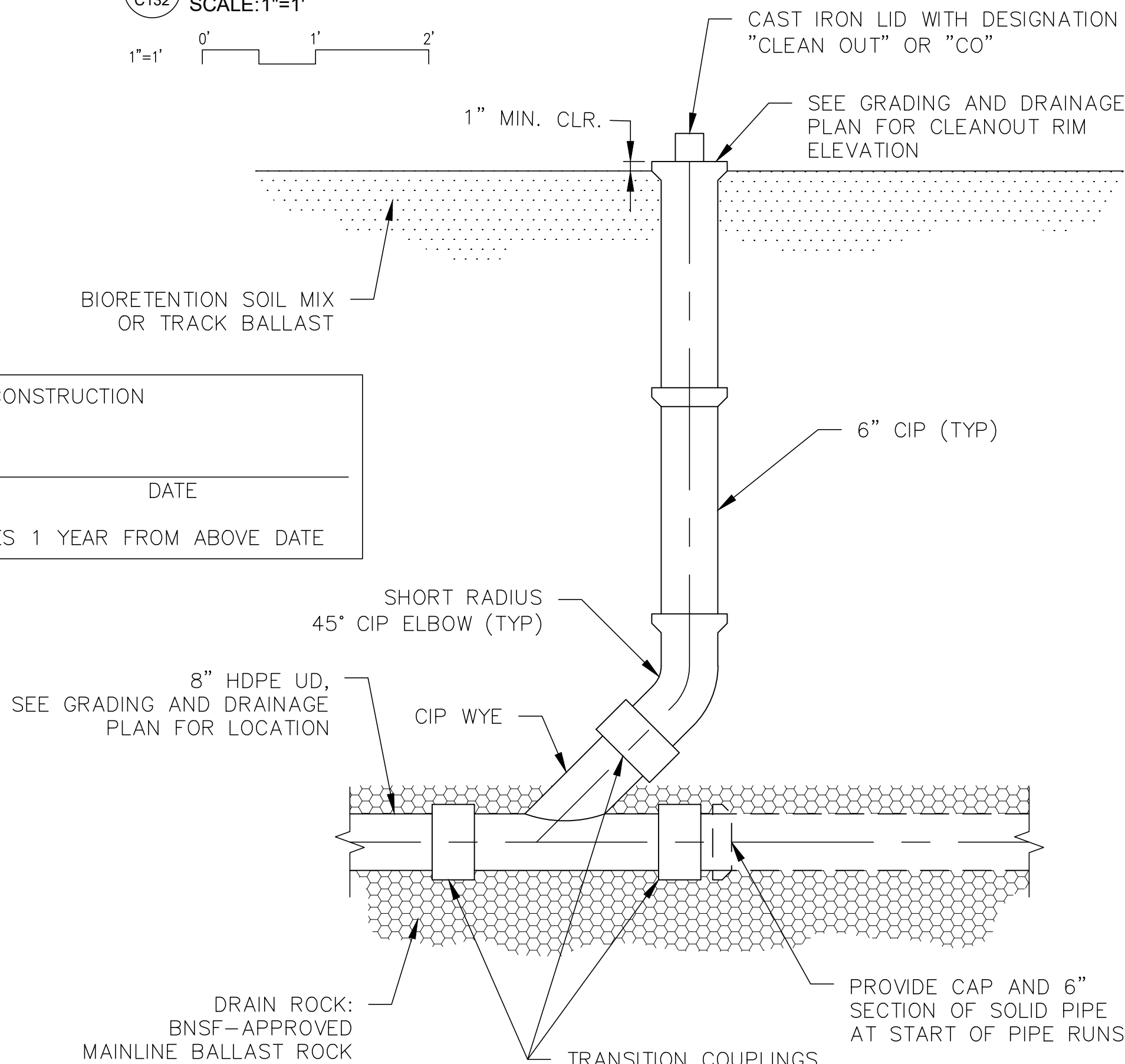
5 C132 UNDERDRAIN TRENCH DETAIL
SCALE:1" = 2'



NOTES:

1. SEGMENTAL UNIT CONCRETE RETAINING WALL SHALL BE STANDARD II UNIT TYPE BY KEYSTONE RETAINING WALL SYSTEMS, OR APPROVED EQUIVALENT.
2. WALL SHALL BE CONSTRUCTED PER MANUFACTURER'S GUIDELINES AND SPECIFICATIONS TO THE LIMITS INDICATED ON THESE PLANS.

3 C132 SEGMENTAL UNIT CONCRETE RETAINING WALL DETAIL
SCALE:1"=1'



6 C132 CLEANOUT DETAIL
SCALE:1" = 1'

No.	Revisions	Date	By
1	IFB R3 SUBMISSION	2/7/25	RSE

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Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

RSE RSE, INC.
1075 Old County Road
Belmont, CA 94022
www.rseinc.com
TEL 650.697.9500 FAX 650.697.9501

HNTB
HNTB Corporation
1650 Arch Street, Suite 1700
Philadelphia, PA 19103
215-568-6500

CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
(ADASP)

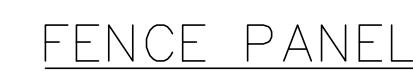
CONSTRUCTION DETAILS, SHEET 3 OF 6

Designed BC Drawn AL Checked JS Date 2/7/2025

Project Code: XXX XXX
WBS: 100462.1013
Sheet No. 14 OF 62
Dwg. No. C132



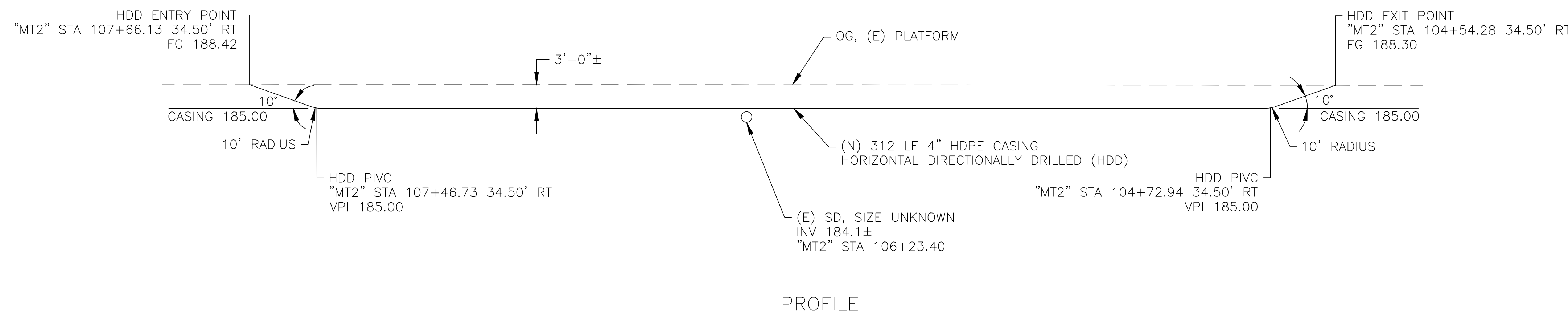
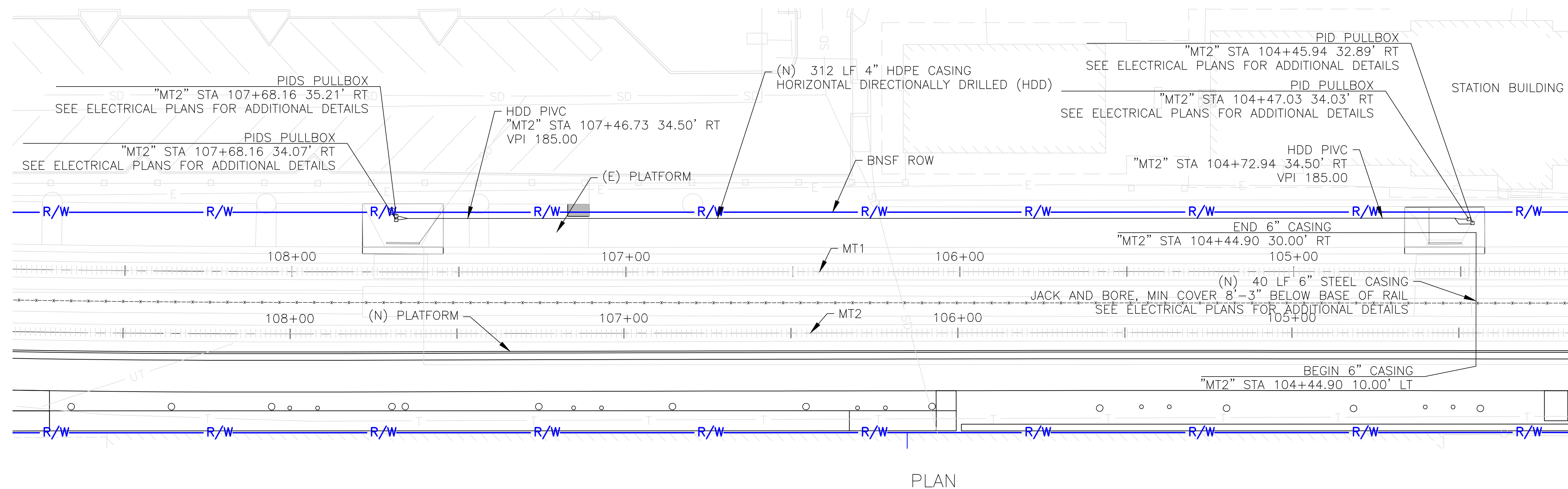
1. USE HEX BOLT 3/8" DIA., 1 1/2" LONG, 1 HEX NUT, ONE FLAT WASHER AND ONE LOCK WASHER PER HOLE.
2. ALL FENCE POSTS AND RAILS SHALL BE SCH. 40 PIPE. ALL FENCE STEEL SHALL BE ASTM A120 GALVANIZED WITH POLYMER COATING FINISH AFTER FABRICATION (POWDER COAT). POLYMER COATING FINISH SHALL BE DARK GREEN PER ASTM F934 AND MATCH EXISTING METAL PICKET FENCE ON SITE. NO POLYMER COATING REQUIRED FOR EMBEDDED PIPE SLEEVES.
3. DRESS BALLAST LEVEL BEFORE INSTALLING SLEEVES WITH PD135 "RHINO" POST DRIVER.
4. HEADER CABLE (WHEN REQUIRED) SHALL EXTEND A MIN. OF 20 FT. BEYOND END POST OR 20 FT. OFF STRUCTURE WHEN FENCE IS ON STRUCTURE.
5. INSTALL TWO GROUND RODS (WHEN REQUIRED), ONE AT EACH END OF THE HEADER CABLE OR AT A SPACING OF 1000 FT. IF INSTALLATION EXCEEDS THAT LENGTH.
6. INSTALL FENCE POST GROUNDING CLAMPS (WHEN REQUIRED) PRIOR TO ERECTION OF FENCE.
7. REMOVAL OF GROUNDING CLAMPS FROM FENCE POST IS FINAL SEQUENCE IN FENCE REMOVAL.
8. FENCE SHALL EXTEND A MINIMUM 200 FT. BEYOND END OF PLATFORMS UNLESS PREVENTED BY PHYSICAL OBSTRUCTION OR CLEARANCE RESTRICTIONS.
9. DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO THE FABRICATION OF ANY MATERIAL.
10. ALL INSTALLATIONS AT NEW LOCATIONS OR EXTENSIONS OF EXISTING MUST BE APPROVED BY THE DIRECTOR CLEARANCE, INSPECTION AND TEST.



1 INTERTRACK FENCE DETAIL
C133 SCALE:NTS

Project Code:	XXX XXX
BS:	100462.1013
Sheet No.	15 OF 62

C133



SCALE: 1"=20'

HORIZONTAL: 1"=20' 0' 20' 4'

VERTICAL: 1"=10' 0' 10' 2'

NOTES:

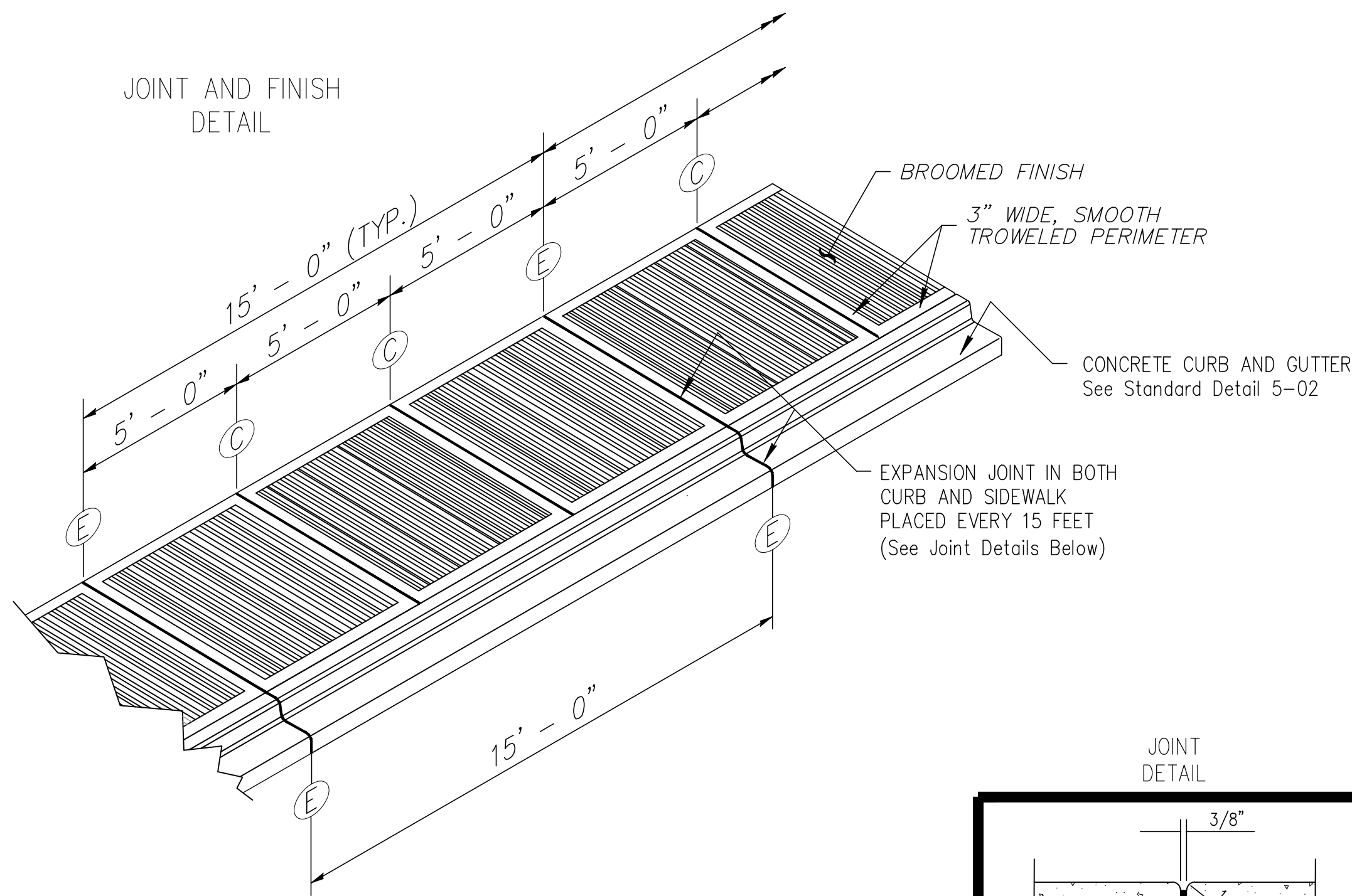
1. SAWCUT AND REMOVE (E) PAVEMENT TO DEPTH NEEDED TO CONSTRUCT CITY OF CENTRALIA 4" THICK SIDEWALK TO FINISH GRADES INDICATED. SEE DETAIL 1/C135.
2. SAWCUT AND GRIND (E) PAVEMENT, 1.5" MIN. PLACE (N) HMAC OVERLAY AND CONFORM TO (E) PAVEMENT, (E) GRADE CROSSING TRACK PANELS, AND EDGES OF (N) SIDEWALK.

APPROVED FOR CONSTRUCTION

CITY ENGINEER _____ DATE _____

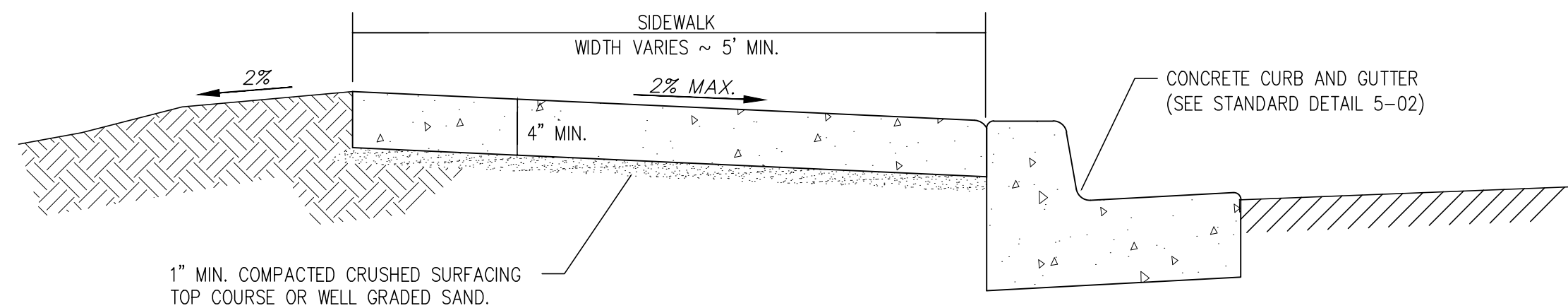
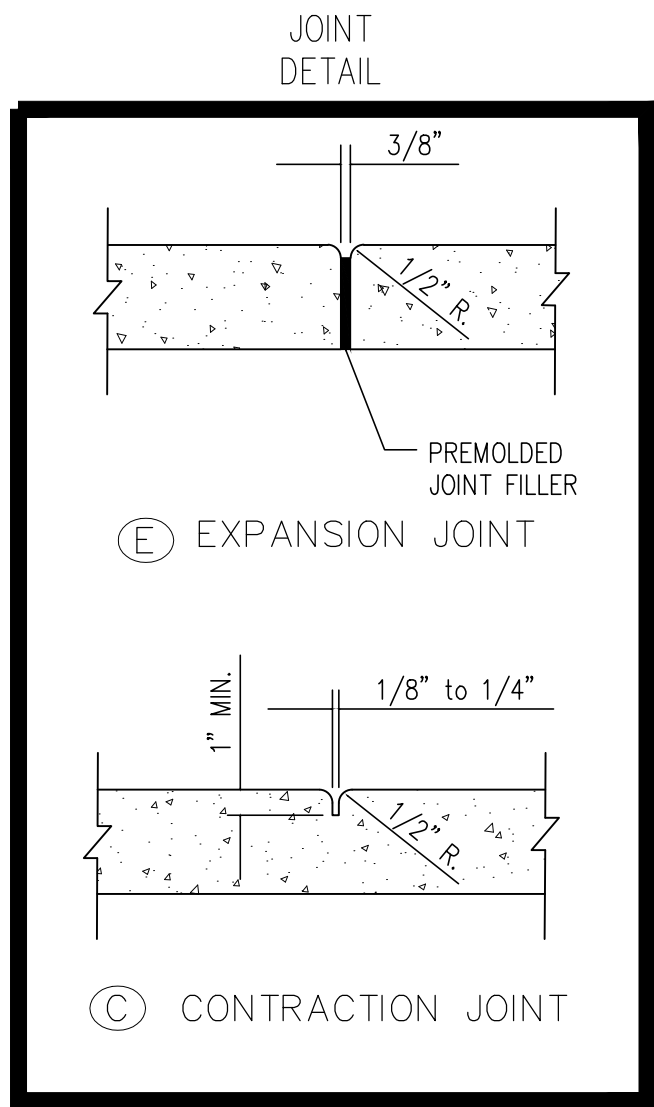
APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	16 OF 62
Dwg. No.	C134



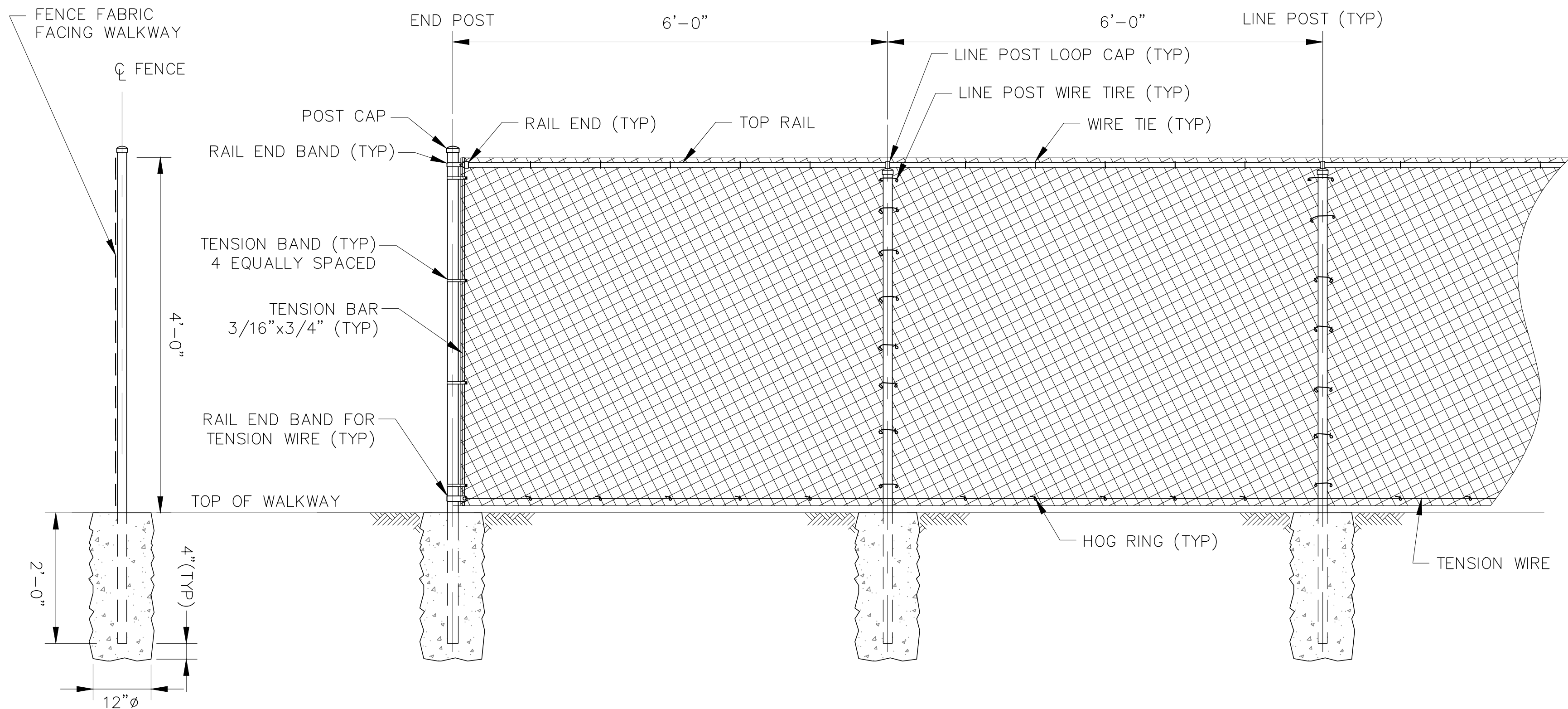
GENERAL NOTES:

1. EXPANSION JOINT MATERIAL TO BE 3/8" THICK PREMOLDED JOINT FILLER FULL THICKNESS OF CONCRETE.
2. FORM AND SUBGRADE INSPECTION REQUIRED BEFORE POURING CONCRETE.
3. SCORE MARKS SHALL BE 1/8" - 1/4" WIDE BY 1" DEEP. FOR SIDEWALKS OVER 8' IN WIDTH, A LONGITUDINAL SCORE MARK SHALL BE MADE ALONG CENTER OF WALK.
4. WESTERN GROOVE FINISH REQUIRED AT SCORE MARKS.
5. EXPANSION JOINTS SHALL BE INSTALLED IN CURB AND GUTTER AND IN SIDEWALK AT PC AND PT AT ALL CURB RETURNS, EXPANSION JOINTS SHALL BE PLACED IN SIDEWALK AT SAME LOCATIONS AS THOSE IN CURB AND GUTTER WHEN SIDEWALK IS ADJACENT TO CURB AND GUTTER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. CONCRETE DRIVEWAYS REQUIRE A MINIMUM DEPTH OF 6". (SEE STANDARD DETAIL 5-03 FOR DRIVEWAYS)



APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	06/2017	SIDEWALK DETAILS	5-01
2022 Standard Drawings			

1 CITY OF CENTRALIA SIDEWALK DETAILS
C135 SCALE:NTS



2 CHAIN LINK FENCE DETAIL
C135 SCALE:NTS

FABRIC	HEIGHT	MESH	GAGE	SELVAGE	FINISH
	4'	2"x2"	9	KNUCKLE	HOT-DIP GALV
FABRICWORK		O.D.	WALL	WT/FT	LENGTH
END POST		2"	SCHEDULE 40	3.66	6'-0"
LINE POST		1-5/8"		3.38	6'-0"
TOP RAIL		1-3/8"		2.50	60'-0"±

NOTES:

1. ALL FENCE STEEL SHALL BE HOT-DIP GALVANIZED WITH POLYMER (POWDER) COAT FINISH. POLYMER COAT FINISH COLOR SHALL BE DARK GREEN.
2. ALL SCREWS, BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED.
3. FENCE FABRIC SHALL BE GALVANIZED AND DARK GREEN VINYL COATED, 9 GA. MIN.
4. ALL FENCE POSTS AND RAIL SHALL BE SCHEDULE 40 STEEL PIPE.

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

No.	Revisions	Date	By
1	IFB R3 SUBMISSION	2/7/25	RSE

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Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

RSE RSE, INC.
1075 Old County Road
Belmont, CA 94022
www.rsrail.com
TEL 650.697.9500 FAX 650.697.9501

HNTB
HNTB Corporation
1650 Arch Street, Suite 1700
Philadelphia, PA 19103
215-568-6500

CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
(ADASP)

CONSTRUCTION DETAILS, SHEET 6 OF 6

Designed BC Drawn AL Checked JS Date 2/7/2025

Project Code: XXX XXX
WBS: 100462.1013
Sheet No. 17 OF 62

Dwg. No.

C135



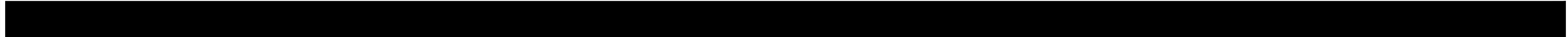
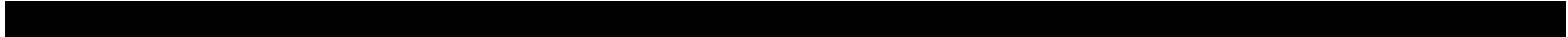
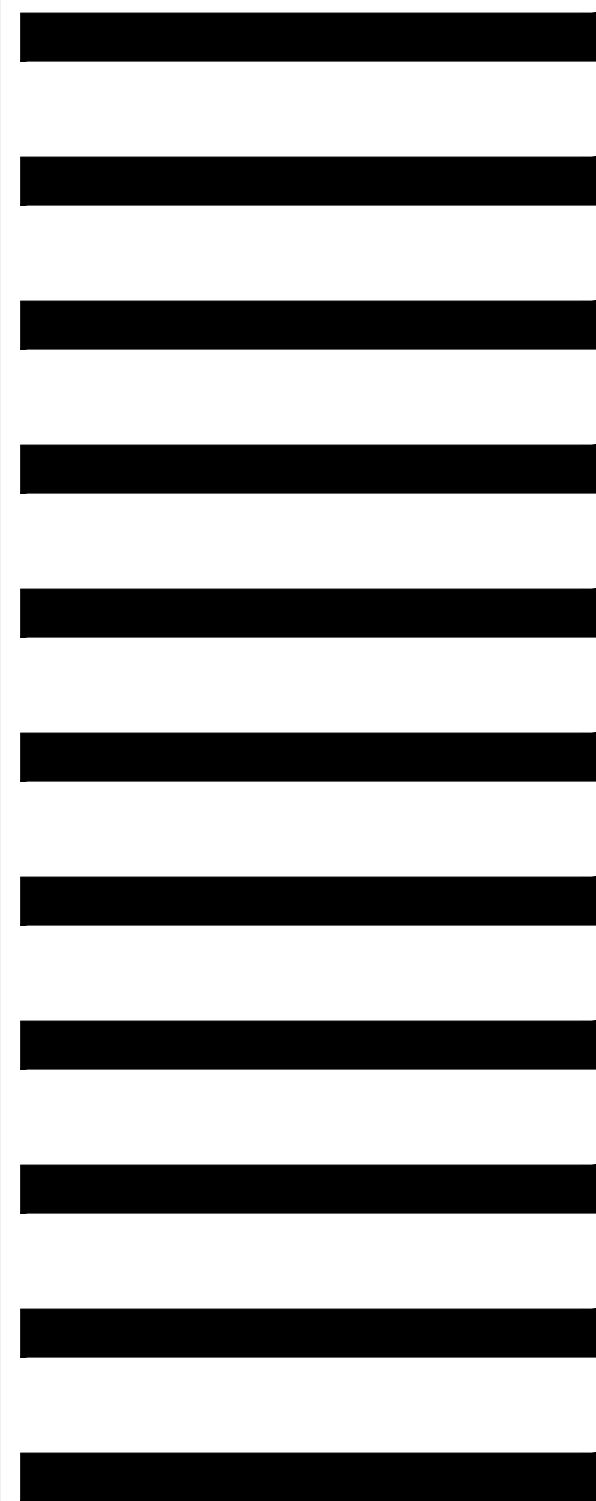
ADA STATIONS PROGRAM (ADASP)
CENTRALIA, WA (CTL)
TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) PLAN
IFB R3 SUBMISSION
FEBRUARY 7, 2025

BNSF RAILWAY COMPANY

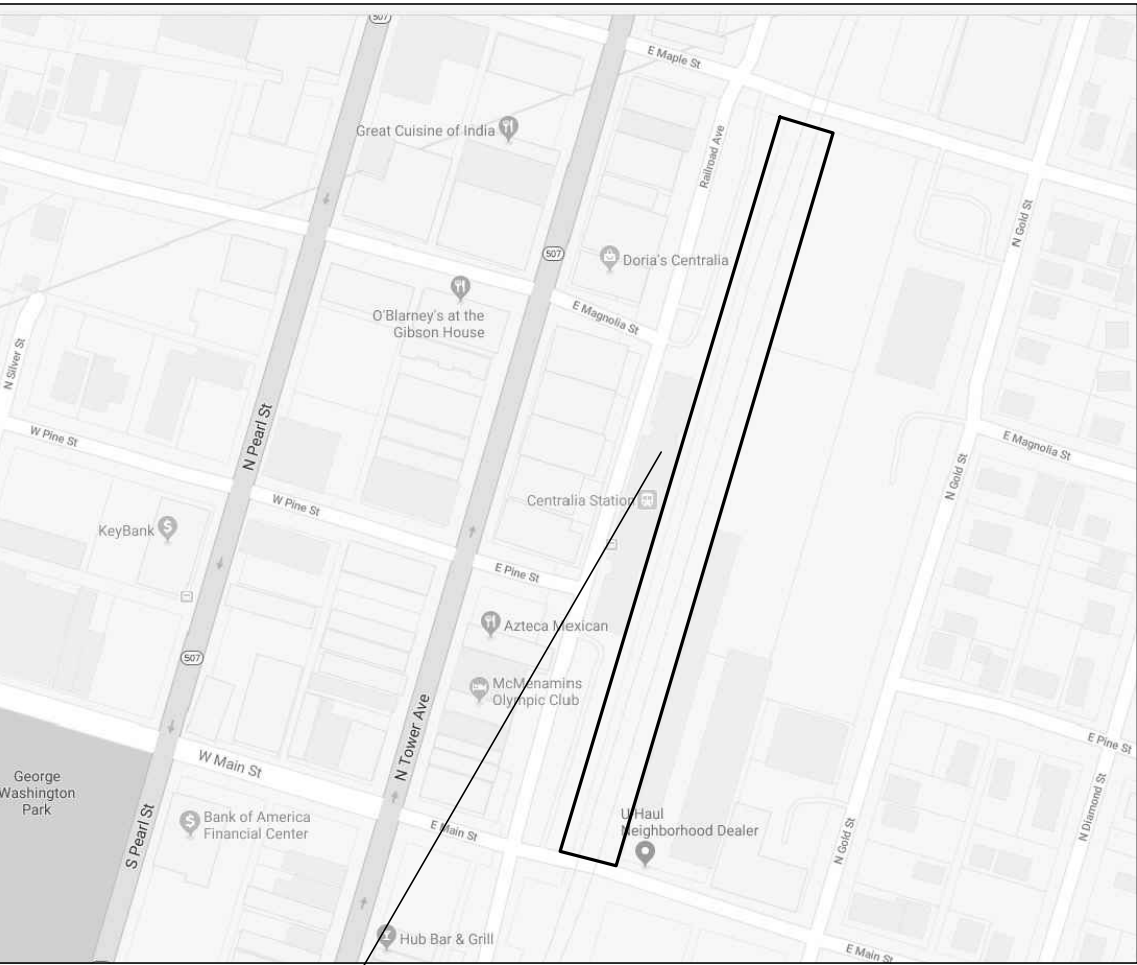
PUBLIC UTILITIES
UTILITY LOCATION CENTER: 800.425.5555

BNSF RAILROAD FACILITY MARKOUTS
RR SIGNAL & TELECOMMUNICATIONS LINES: 800.533.2891

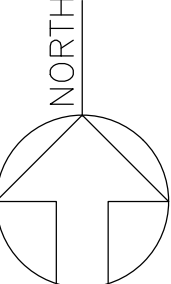
HOST RAILROAD: BNSF RAILWAY COMPANY
SUBDIVISION: SEATTLE
MILEPOST: 54
CLASSIFICATION: ST05 – STATION BUILDING
(WITH WAITING ROOM)




PROJECT LOCATION
N.T.S.



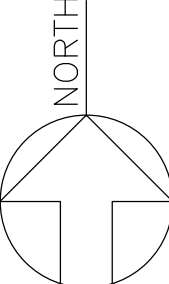
CENTRALIA UNION DEPOT
AMTRAK STATION (CTL)
210 RAILROAD AVE
CENTRALIA, WA 98531
46°43'14"N 122°57'41"W



VICINITY PLAN
N.T.S.






CENTRALIA UNION DEPOT
AMTRAK STATION (CTL)
210 RAILROAD AVE
CENTRALIA, WA 98531
46°43'14"N 122°57'41"W



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1	IFB R3 SUBMISSION	2/7/25	RSE			WBS:	100462.1013					
						Sheet No.	18 OF 62					
						Dwg. No.	C140					
						Designed	BC					
						Drawn	AL					
				Checked	JS							
				Date	2/7/2025							

FILE NAME: C140-CS

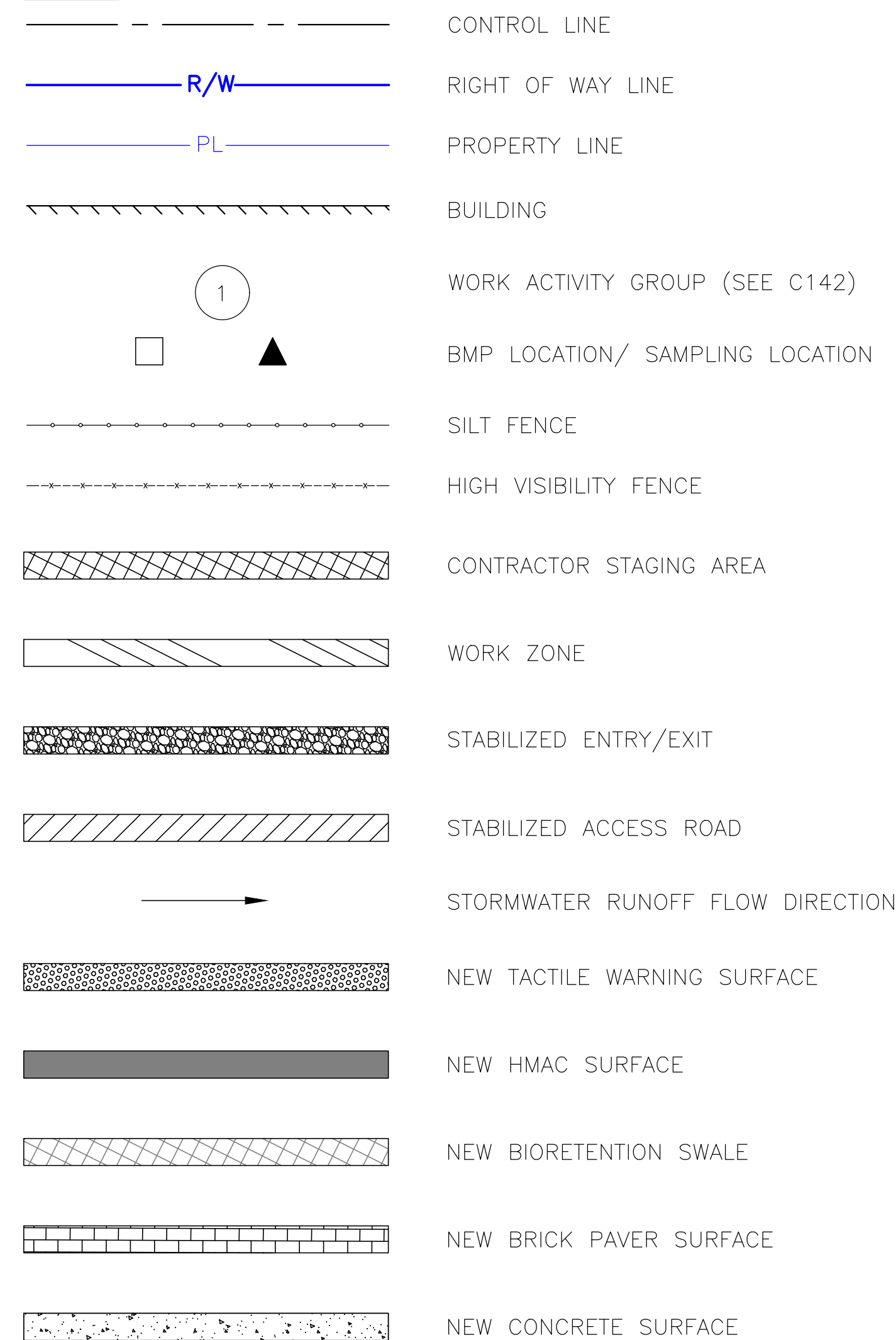
TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) NOTES

1. GENERAL
- 1.1. PROJECT NAME AND LOCATION:
CENTRALIA UNION DEPOT/AMTRAK TRAIN STATION – CTL
210 RAILROAD AVE
CENTRALIA, WA 98531
2. TEMPORARY EROSION & SEDIMENTATION CONTROL (TESC) NOTES
- 2.1. APPROVAL OF THIS TESC PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES).
- 2.2. THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- 2.3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- 2.4. THE TESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 2.5. THE TESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
- 2.6. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 2.7. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.
- 2.8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASIN AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 2.9. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 2.10. THE DESIGN OF TESC SYSTEMS AND BEST MANAGEMENT PRACTICES (BMP's) SHALL FOLLOW THE REQUIREMENTS OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (SWMMWW), 2019 EDITION, AND CHAPTER 9 OF THE CITY OF CENTRALIA MUNICIPAL CODE.
- 2.11. THE CONTRACTOR SHALL PROVIDE AND PLACE SEDIMENT CONTROLS AS NECESSARY AT ALL POINTS WHERE WATER LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM DRAINS, WHETHER SPECIFICALLY SHOWN ON THE PLANS OR NOT.
- 2.12. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT FILTERS, SILT FENCE, INLET PROTECTION ETC.
- 2.13. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK AREA AT ALL TIMES CONSISTENT WITH SWMMWW AND CITY OF CENTRALIA CODES.
- 2.14. DISTURBED EARTH SHALL BE COVERED/STABILIZED WITHIN 7 DAYS FROM MAY 1ST TO SEPTEMBER 30TH AND WITHIN 2 DAYS FROM OCTOBER 1ST – APRIL 30TH. SEE WSDOT SPECIFICATION 8-01.3(1). OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.
- 2.15. ALL DENUDED AREAS, INCLUDING STOCKPILED TOPSOIL AND EXCAVATED MATERIAL, ARE TO BE PROTECTED THROUGH THE USE OF TEMPORARY SEEDING, OR COVERED WITH ANCHORED STRAW MULCH.
- 2.16. FINAL GRADING WILL BE CONSISTENT WITH PRE-CONSTRUCTION TOPOGRAPHY TO MAINTAIN DRAINAGE AND AESTHETICS.
- 2.17. REMOVE ONLY THOSE TREES, SHRUBS, AND GRASSES THAT MUST BE REMOVED TO PERMIT ACTUAL CONSTRUCTION. PROTECT THE REMAINING TO PRESERVE THEIR AESTHETIC AND EROSION CONTROL VALUE.
- 2.18. SETTLING FACILITIES, SEDIMENT FILTERS, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING OR CONSTRUCTION AND WITHIN 7 DAYS FROM THE START OF ANY CLEARING OR GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.

- 2.19. CONSTRUCTION ACCESS ROUTES – MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS ELIMINATED.
- 2.20. SLOUGHING AND DUMPING – NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO A WATER RESOURCE OR INTO SUCH PROXIMITY THAT IT MAY READILY SLOUGH, SLIP, OR ERODE INTO A WATER RESOURCE.
- 2.21. MAINTENANCE AND INSPECTION – ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND CONSTRUCTED TO MINIMIZE MAINTENANCE REQUIREMENTS. THEY SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. MAINTENANCE AND INSPECTION OF ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR'S REPRESENTATIVE RESPONSIBLE FOR SETTING UP AND CHECKING THE BMP MEASURES SHALL HAVE A PROFESSIONAL EROSION AND SEDIMENT CONTROL LEAD CERTIFICATION.
- 2.22. OUTFLOWS FROM DEWATERING OPERATIONS – ALL WATER PRODUCED FROM CLEANING AND DEWATERING OPERATIONS, WHETHER SPECIFICALLY FROM TRENCH DEWATERING OPERATIONS OR FROM MORE EXTENSIVE DEWATERING OPERATIONS, SHALL BE DISCHARGED IN SUCH A MANNER AS TO ELIMINATE EROSION FROM SUCH DISCHARGE.
- 2.23. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FOLLOWING DRAWING FOR A LIST AND DESCRIPTIONS OF ACCEPTED BMP's FOR THIS PROJECT.
3. HOST RAILROAD REQUIREMENTS
- 3.1. ALL ACTIVITIES WITHIN 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK ARE CONSIDERED FOULING THE TRACK. DURING CONSTRUCTION, CLEAR THE FOUL AREA BY REMOVING ALL PERSONNEL AND EQUIPMENT A MINIMUM OF 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK DURING TRAIN OPERATIONS. NOTICE FOR CLEARING THE FOUL AREA DURING TRAIN OPERATIONS WILL BE GIVEN BY AN ONSITE RAILROAD PROTECTION FLAGMAN. CLEAR THE FOUL AREA AND REMAIN CLEAR OF THE FOUL AREA UNTIL ALLOWED TO RETURN AS INSTRUCTED BY THE FLAGMAN. THIS REQUIREMENT TO CLEAR AND REMAIN CLEAR OF THE FOULED AREA MAY OCCUR AT ANY TIME DURING THE CONSTRUCTION ACTIVITIES.
- 3.2. PLACEMENT OR STORAGE OF MATERIAL OR EQUIPMENT WILL NOT BE PERMITTED WITHIN 25 FEET FROM CENTERLINE OF AN ADJACENT TRACK, EXCEPT AS MAY BE NOTED IN THE APPROVED SITE SPECIFIC WORK PLAN. TO ENSURE THIS REQUIREMENT, ESTABLISH A 25 FOOT LINE PRIOR TO THE START OF WORK BY DRIVING STAKES, TAPING OFF, OR ERECTING A TEMPORARY FENCE.
- 3.3. SUBMIT SITE SPECIFIC WORK PLANS (SSWP) INCLUDING COMPUTATIONS AND A DETAILED DESCRIPTION OF PROPOSED METHODS FOR ACCOMPLISHING THE WORK, INCLUDING METHODS FOR PROTECTING HOST RAILROAD TRAFFIC. MULTIPLE SSWPS MAY BE REQUIRED FOR EACH STATION AS DIRECTED BY THE PROJECT ENGINEER, DEPENDENT UPON THE WORK TASKS AND DURATIONS OF EACH WORK TASK.
- 3.4. THE USE OF CELL PHONE, RADIOS, OR PERSONAL ELECTRONIC DEVICES (INCLUDING PERSONAL FITNESS TRACKERS) IS NOT ALLOWED WITHIN 25 FEET OF THE TRACK CENTERLINE.
- 3.5. COORDINATE TEMPORARY SIGN INSTALLATION LOCATIONS WITH THE HOST RAILROAD AND AMTRAK TO ADDRESS OPERATIONS CONCERNS.
- 3.6. PHASE THE WORK SO AS TO MAINTAIN THE NORMAL TRAIN OPERATIONS AND ACCESS FOR PASSENGER MOVEMENT FOR BOARDING AND DEPARTING THE TRAINS AND ACCESS TO ADJACENT PARKING FACILITIES.
- 3.7. THE FLAGGING ACTIVITIES AND PRESENCE WILL BE DETERMINED BY THE HOST RAILROAD AND WILL BE BASED UPON THE APPROVED SITE SPECIFIC WORK PLAN.
- 3.8. COORDINATE WITH AMTRAK AND HOST RAILROAD TO LOCATE, PROTECT, AND RESTORE ALL BURIED UTILITIES, SIGNAL, AND COMMUNICATION CABLES. VERIFY AND MARK ALL UTILITIES, SIGNAL AND COMMUNICATION CABLES PRIOR TO ANY EXCAVATION. IN ADDITION TO MARK OUTS PERFORMED FOR OR BY THE UTILITY COMPANIES, CONTACT THE HOST RAILROAD FOR A SEPARATE DIG TICKET PRIOR TO EXCAVATION. BNSF UTILITY CALL CENTER: 800-533-2891.
- 3.9. FOR ANY EXCAVATION WORK PERFORMED WITHIN 5 FEET OF AN ACTIVE BNSF SIGNAL LINE OR SIGNAL STRUCTURE FOUNDATION, CONTRACTOR SHALL HAND EXCAVATE AROUND THE ENTIRE LINE OR FOUNDATION AS WELL AS PROVIDE FULL-TIME ON-SITE MONITORING BY BNSF SIGNAL PERSONNEL.

ABBREVIATIONS AND SYMBOLS

LEGEND:



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[illegible]

STORMWATER SOURCE CONTROL, RUNOFF CONVEYANCE AND TREATMENT BEST MANAGEMENT PRACTICES (BMPs)

	Element #1: Preserve Vegetation/ Mark Clearing Limits	Element #2: Establish Construction Access	Element #3: Control Flow Rate	Element #4: Install Sediment Controls	Element #5: Stabilize Soils	Element #6: Protect Slopes	Element #7: Protect Drain Inlets	Element #8: Stabilize Channels and Outlets	Element #9: Control Pollutants	Element #10: Control Dewatering	Element #11: Maintain BMPs	Element #12: Manage the Project	Element #13: Protect Low Impact Development
SWMMWW II-3.2 Construction Source Control BMPs													
BMP C101: Preserving Natural Vegetation	X												
BMP C102: Buffer Zones	X												X
BMP C103: High Visibility Fence	X												X
BMP C105: Stabilized Construction Access		X											
BMP C106: Wheel Wash		X											
BMP C107: Construction Road/Parking Area Stabilization		X											
BMP C120: Temporary and Permanent Seeding					X	X							
BMP C121: Mulching					X	X							
BMP C122: Nets and Blankets					X	X		X					
BMP C123: Plastic Covering					X	X							
BMP C124: Sodding					X	X							
BMP C125: Topsoiling/Composting					X								
BMP C126: Polyacrylamide (PAM) for Soil Erosion Protection					X								
BMP C130: Surface Roughening					X	X							
BMP C131: Gradient Terraces					X	X							
BMP C140: Dust Control					X								
BMP C150: Materials on Hand											X	X	
BMP C151: Concrete Handling									X				
BMP C152: Sawcutting and Surfacing Pollution Prevention									X				
BMP C153: Material Delivery, Storage and Containment									X				
BMP C154: Concrete Washout Area									X				
BMP C160: Certified Erosion and Sediment Control Lead											X	X	
BMP C162: Scheduling												X	
SWMMWW II-3.3 Construction Runoff BMPs													
BMP C200: Interceptor Dike and Swale						X							X
BMP C201: Grass-Lined Channels						X							X
BMP C202: Riprap Channel Lining								X					
BMP C203: Water Bars			X			X				X			
BMP C204: Pipe Slope Drains						X							
BMP C205: Subsurface Drains						X							
BMP C206: Level Spreader						X				X			
BMP C207: Check Dams			X			X		X					X
BMP C208: Triangular Silt Dike (TSD)						X							X
BMP C209: Outlet Protection			X					X					
BMP C220: Storm Drain Inlet Protection							X						
BMP C231: Brush Barrier				X									X
BMP C232: Gravel Filter Berm				X									
BMP C233: Silt Fence				X									X
BMP C234: Vegetated Strip				X									X
BMP C235: Wattles			X	X									
BMP C236: Vegetative Filtration										X			
BMP C240: Sediment Trap			X	X									
BMP C241: Sediment Pond (Temporary)			X	X									
BMP C250: Construction Stormwater Chemical Treatment				X					X				
BMP C251: Construction Stormwater Filtration				X					X				
BMP C252: Treating and Disposing of High pH Water									X				

WORK ACTIVITY GROUPS AND APPLICABLE BMPs

Group No.	Location	Applicable BMPs	
		Source Control	Runoff Conveyance and Treatment
①	Site Access Roadway	C103, C105, C106, C107, C140	C233, C235, C241
②	Entryway/Exitway to Contractor Staging Area	C140	
③	Contractor Staging Area	C101, C103, C123, C140, C150, C151, C153, C154, C162	C208, C220, C233, C235, C252
④	Storm Drain Inlet Protection		C208, C220
⑤	Drainage Channel, Swale or Ditch	C120, C121, C122, C126, C150, C162	C202, C233, C235
⑥	Pipeline and Utilities Installation/Improvement	C103, C162	C233, C235
⑦	Pile/Pier Drilling Activities	C103, C123, C140, C150, C162	C233, C235, C240, C241, C250, C251
⑧	Demolition of Existing Facilities	C101, C103, C140, C150, C162	C208, C220, C233, C235
⑨	Construction of New Facilities	C101, C103, C105, C106, C107, C120, C121, C123, C140, C150, C151, C154, C162	C208, C220, C233, C235, C241

NOTES:

1. BEST MANAGEMENT PRACTICES (BMPs) STANDARDS AND SPECIFICATIONS LISTED IN THESE TABLES FOR SOURCE CONTROL AND RUNOFF CONVEYANCE AND TREATMENT ARE LOCATED IN THE 2019 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOLUME II, CHAPTERS 2 AND 3, PAGES 257 THROUGH 409.
2. COPIES OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON MAY BE OBTAINED AT:
HTTPS://ECOLOGY.WA.GOV/REGULATIONS–PERMITS/GUIDANCE–TECHNICAL–ASSISTANCE/STORMWATER–PERMITTEE–GUIDANCE–RESOURCES/STORMWATER–MANUALS

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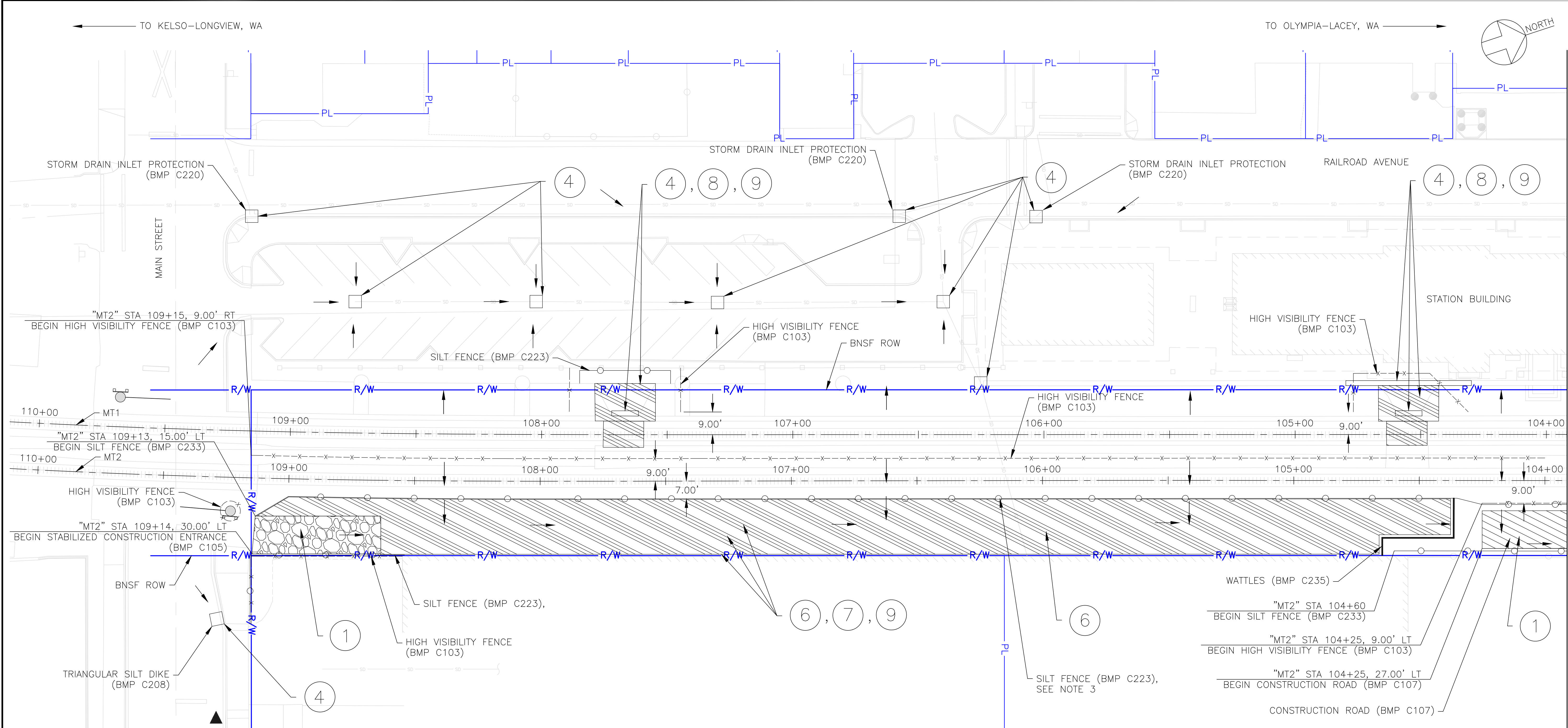
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CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
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TESC NOTES AND ABBREVIATIONS, SHEET 2 OF 2

Designed	BC	Drawn	AL	Checked	JS	Date	2/7/2025
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Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	20 OF 62
Dwg. No.	C142



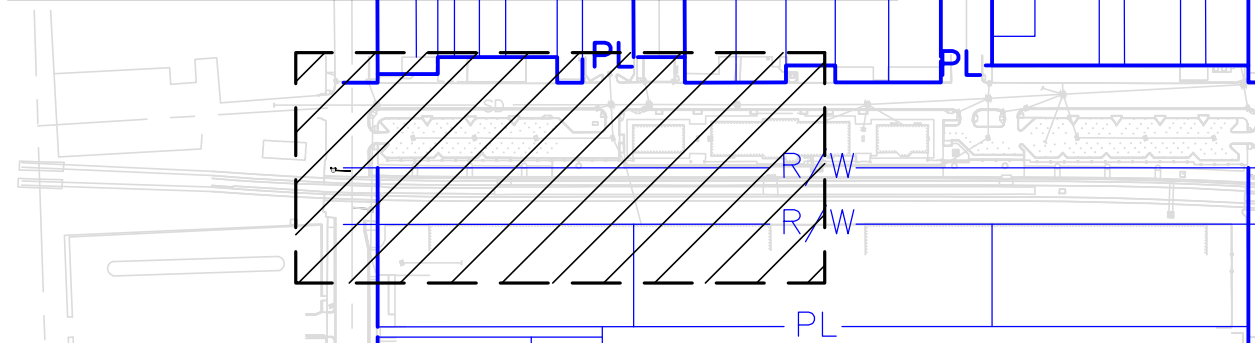
1 TESC PLAN, PHASE 1
C143 SCALE: 1"=20'

NOTES:

- SEE DRAWING C141 FOR TESC NOTES, ABBREVIATIONS AND SYMBOLS.
- SEE DRAWING C142 FOR THE LIST OF STORMWATER SOURCE CONTROL, RUNOFF CONVEYANCE AND TREATMENT BEST MANAGEMENT PRACTICES (BMPs) AS WELL AS THE TABLE OF APPLICABLE BMPs FOR EACH WORK AREA.
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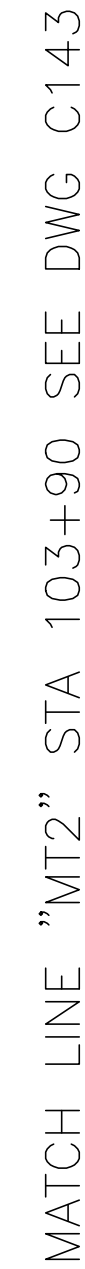
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TESC PLAN, PHASE 1, SHEET 1 OF 2

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WBS:	100462.1013
Sheet No.	21 OF 62
Dwg. No.	C143



1"=20'

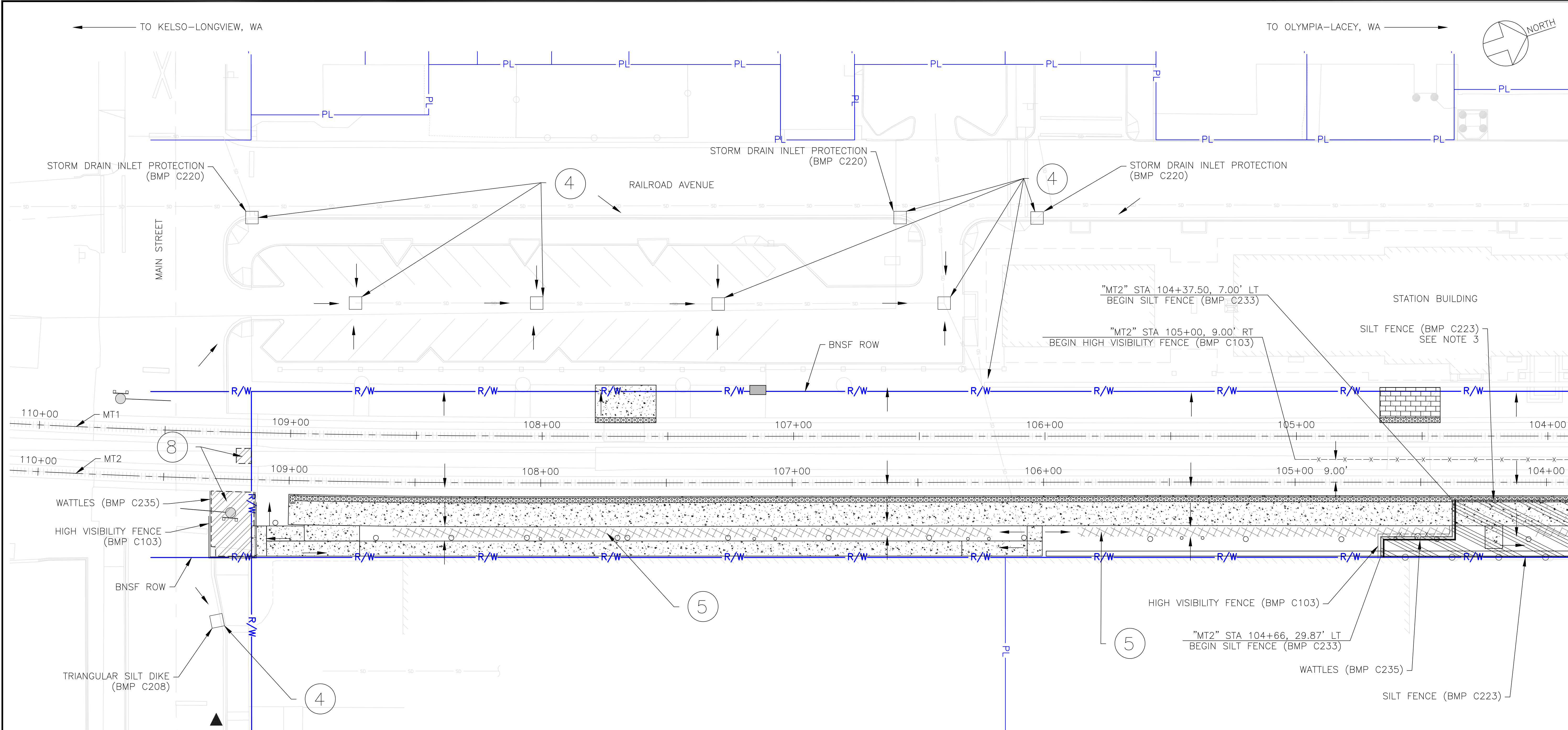
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1. SEE DRAWING C141 FOR TESC NOTES, ABBREVIATIONS AND SYMBOLS.
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KEY PLAN

Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	22 OF 62
Dwg. No.	C144



MATCH LINE "MT2" STA 103+90 SEE DWG C146

1 TESC PLAN, PHASE 2
C145 SCALE: 1"=20'

NOTES:
1. SEE DRAWING C141 FOR TESC NOTES, ABBREVIATIONS AND SYMBOLS.
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Dwg. No. C145

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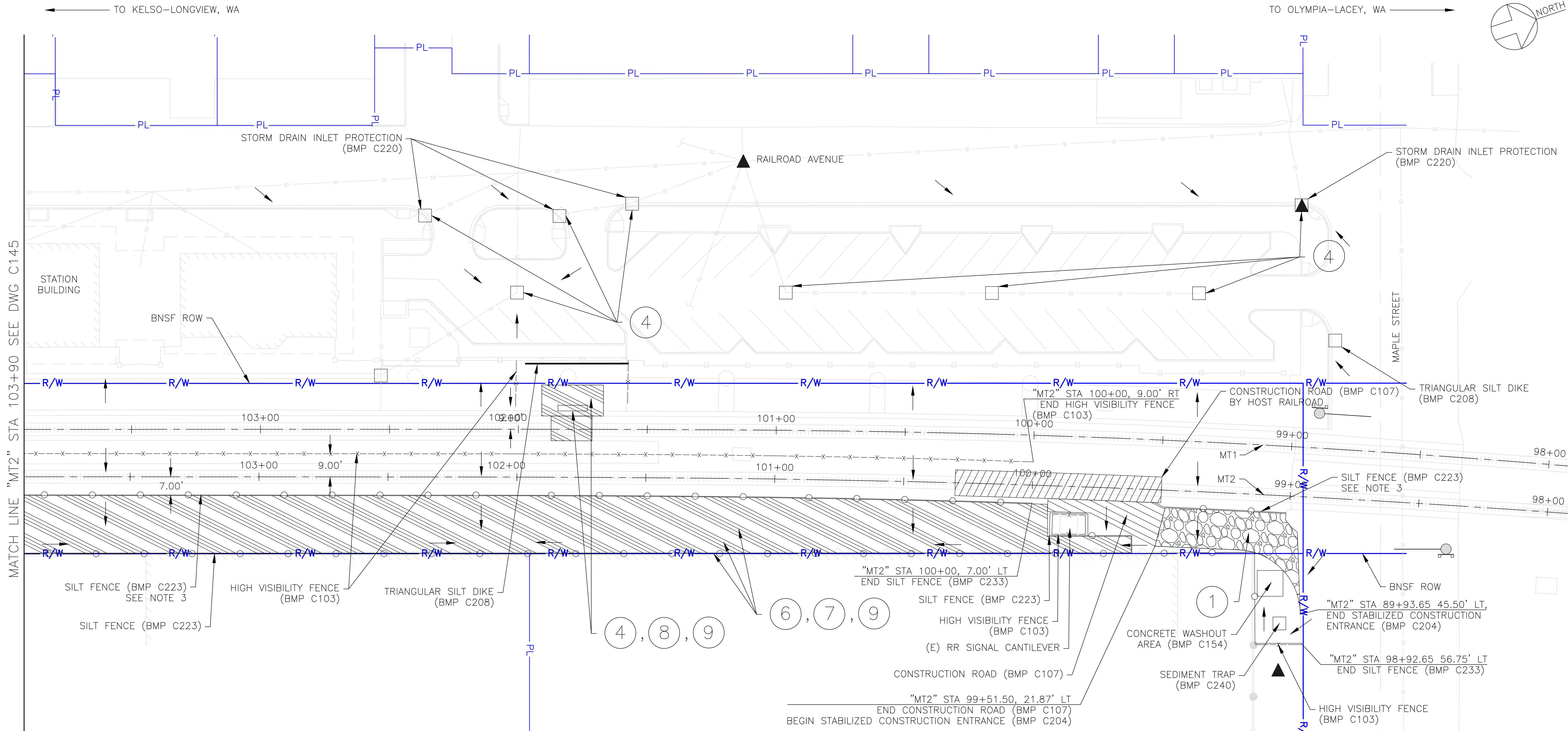
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NOTES:

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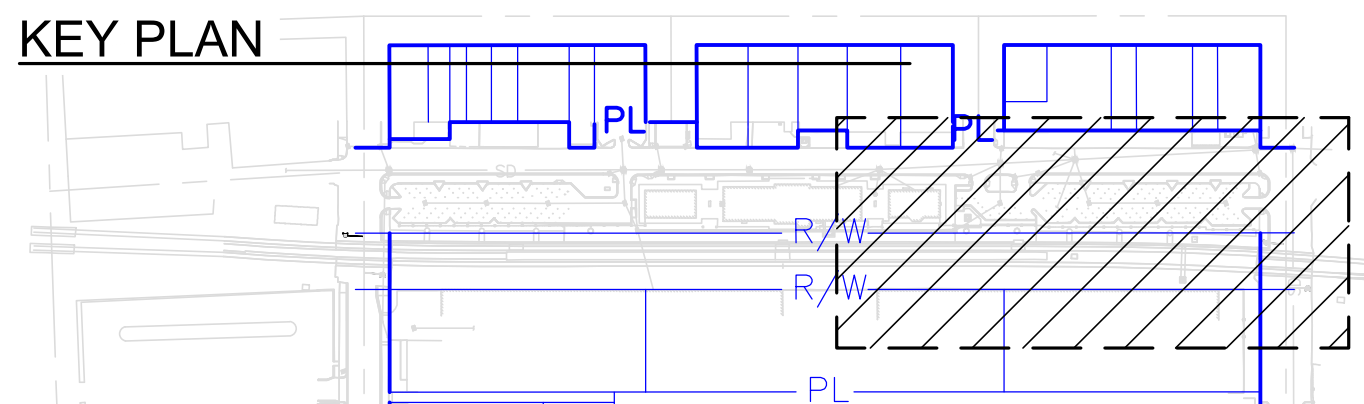
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1 TESC PLAN, PHASE 2
C146 SCALE: 1"=20'



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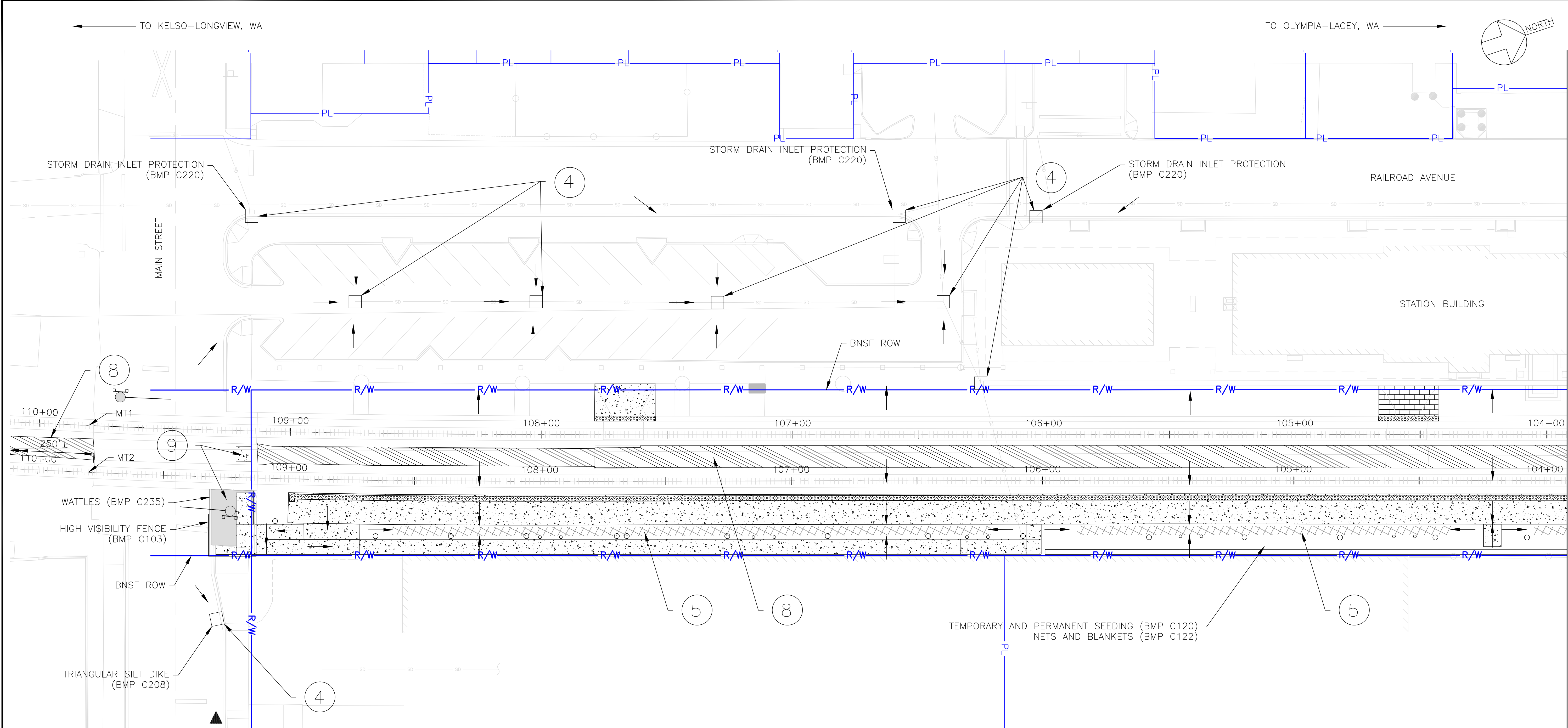
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TESC PLAN, PHASE 2, SHEET 2 OF 2
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Dwg. No.	C146



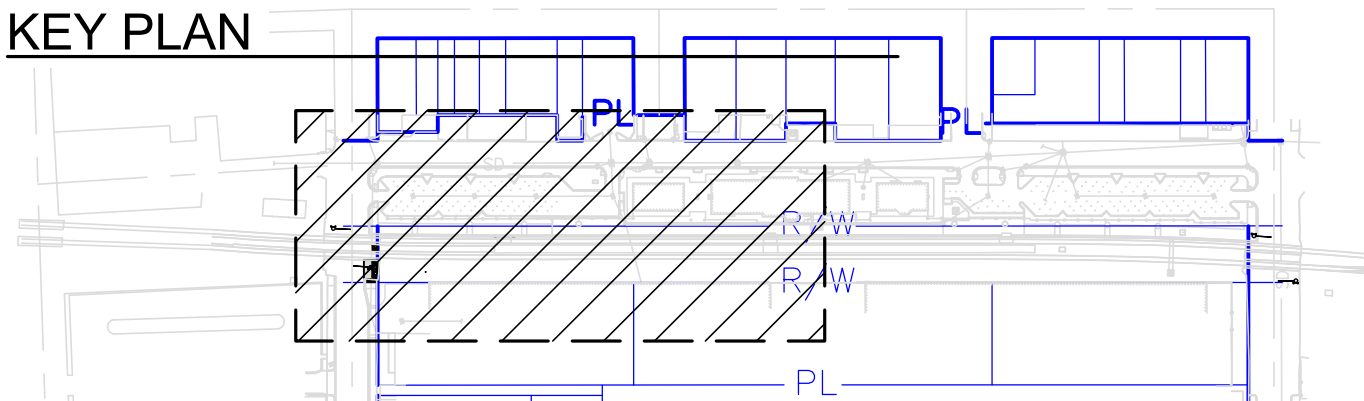
1 TESC PLAN, PHASE 3
C147 SCALE: 1"=20'

- NOTES:
- SEE DRAWING C141 FOR TESC NOTES, ABBREVIATIONS AND SYMBOLS.
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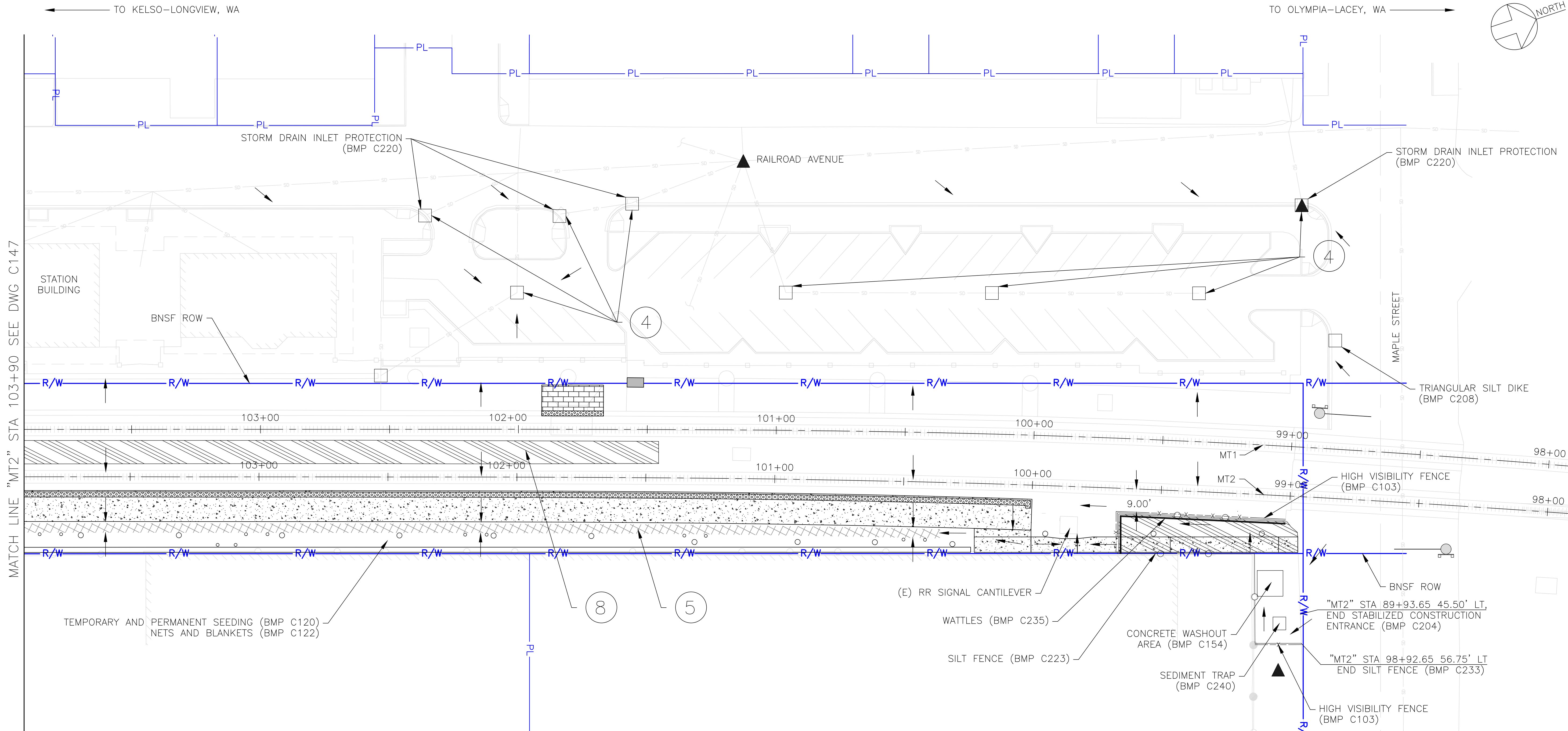
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TESC PLAN, PHASE 3, SHEET 1 OF 2

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Project Code	XXX XXX
WBS:	100462.1013
Sheet No.	25 OF 62
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FILE NAME: X



1 TESC PLAN, PHASE 3
C148 SCALE: 1"=20'

1"=20' 0' 20' 40'

NOTES:

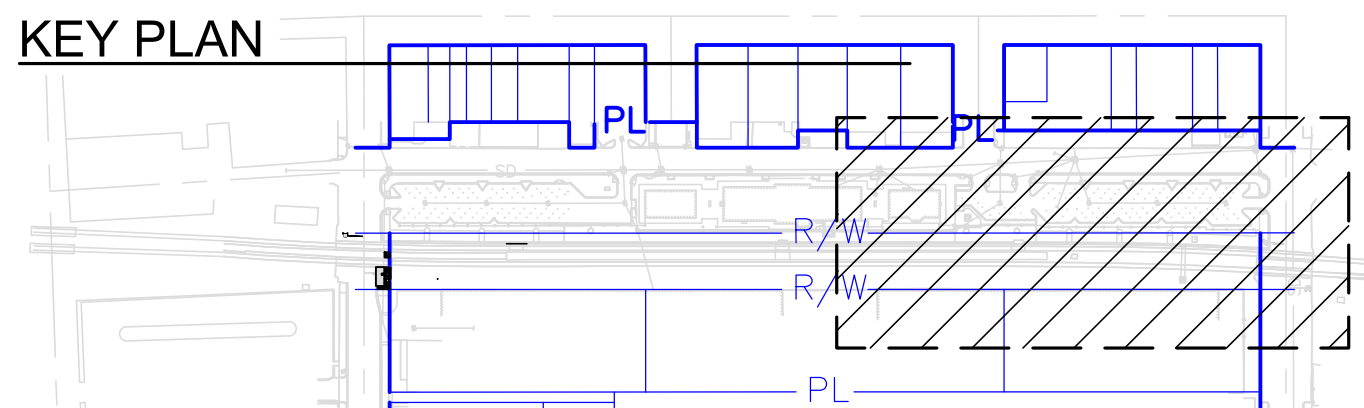
- SEE DRAWING C141 FOR TESC NOTES, ABBREVIATIONS AND SYMBOLS.
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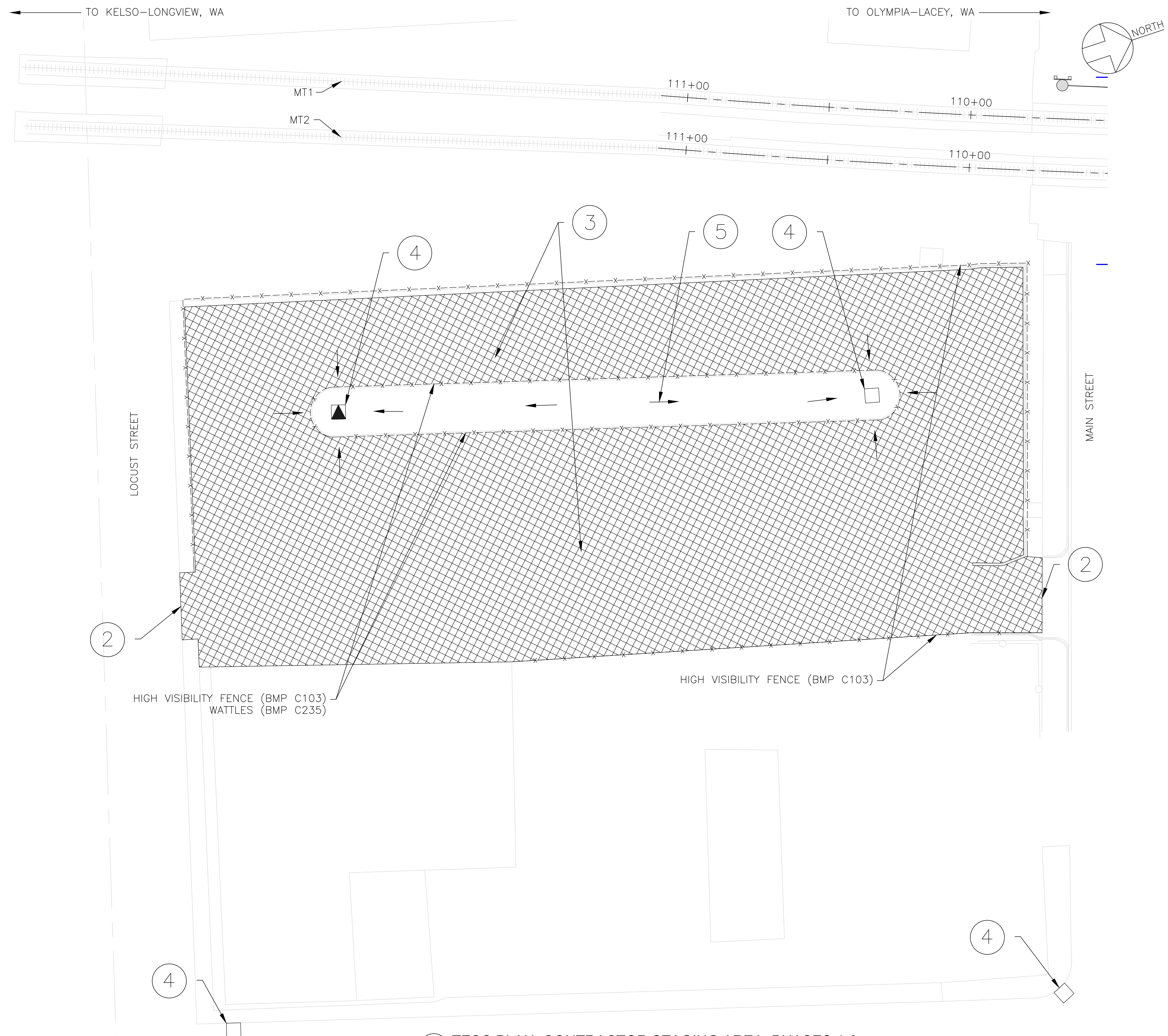
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TESC PLAN, PHASE 3, SHEET 2 OF 2
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Project Code:	XXX XXX
WBS:	100462.1013
Sheet No.	26 OF 62
Dwg. No.	C148



- NOTES:
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2

HIGH VISIBILITY FENCE (BMP C103)
WATTLES (BMP C235)

HIGH VISIBILITY FENCE (BMP C103)

2

4

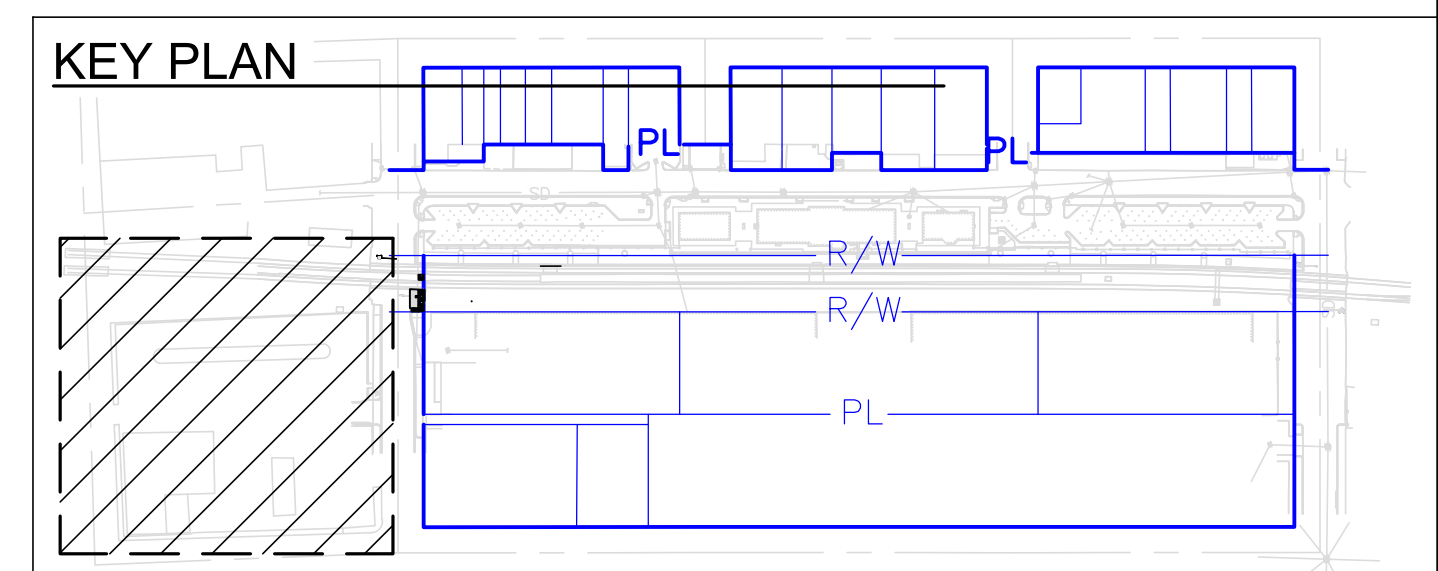
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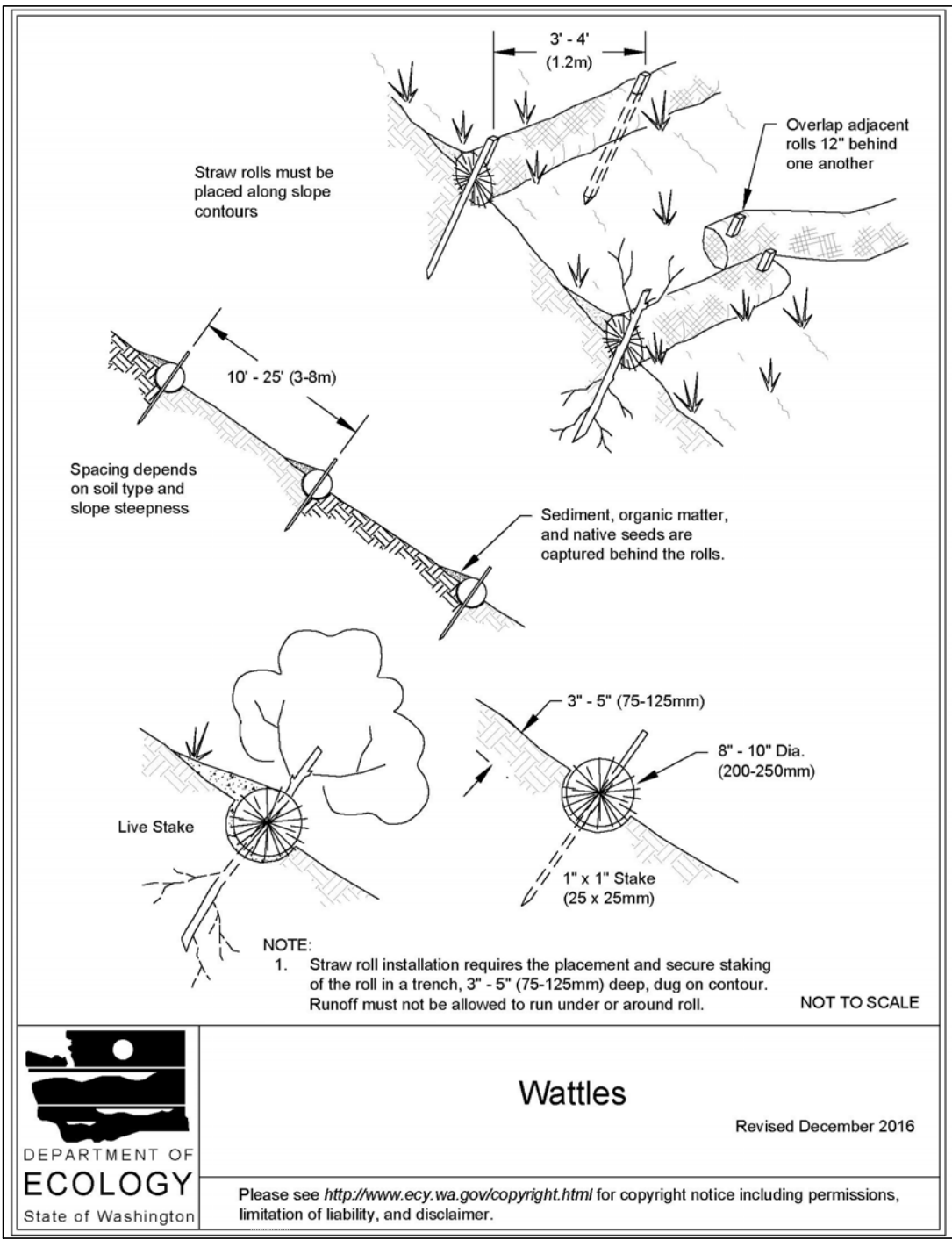
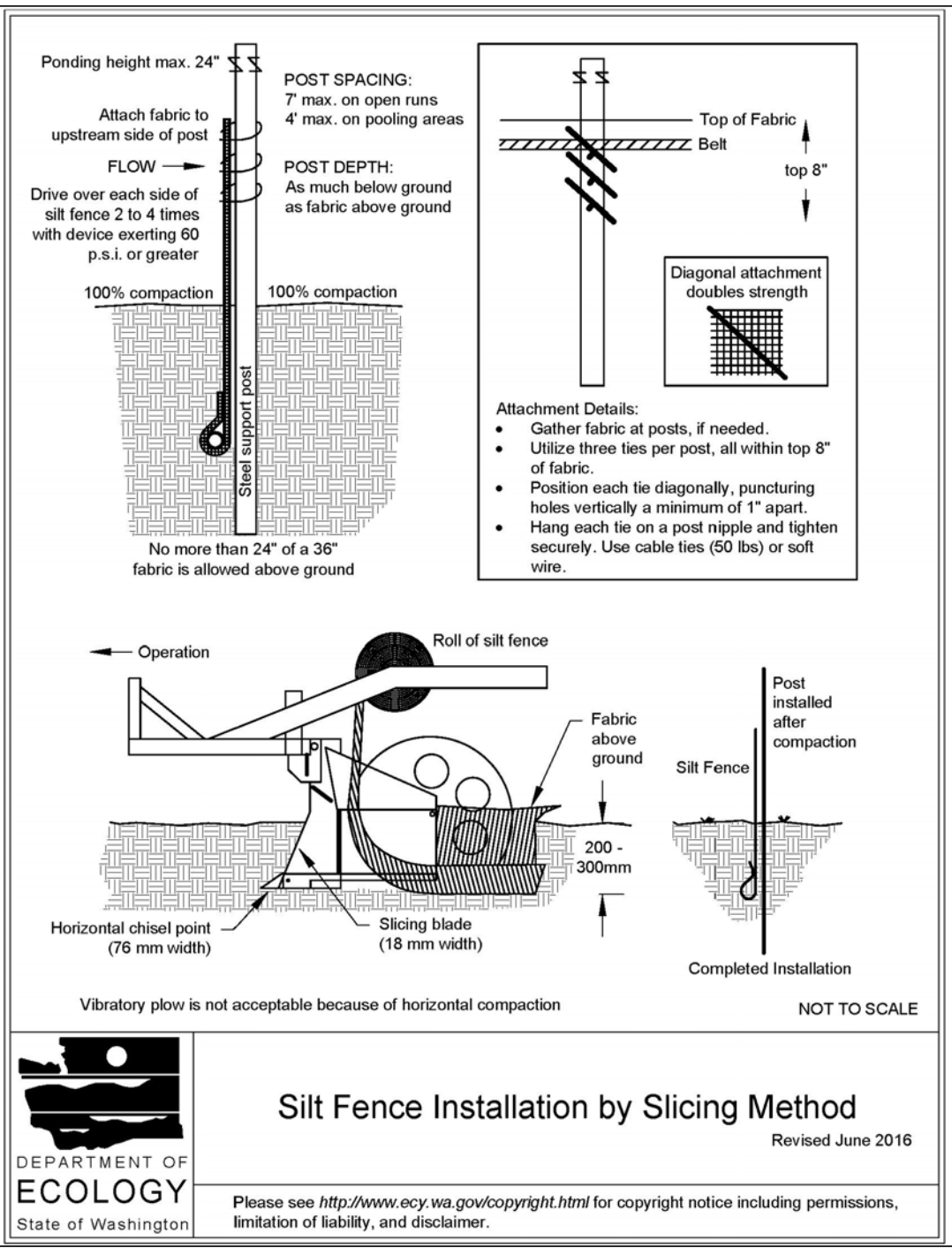
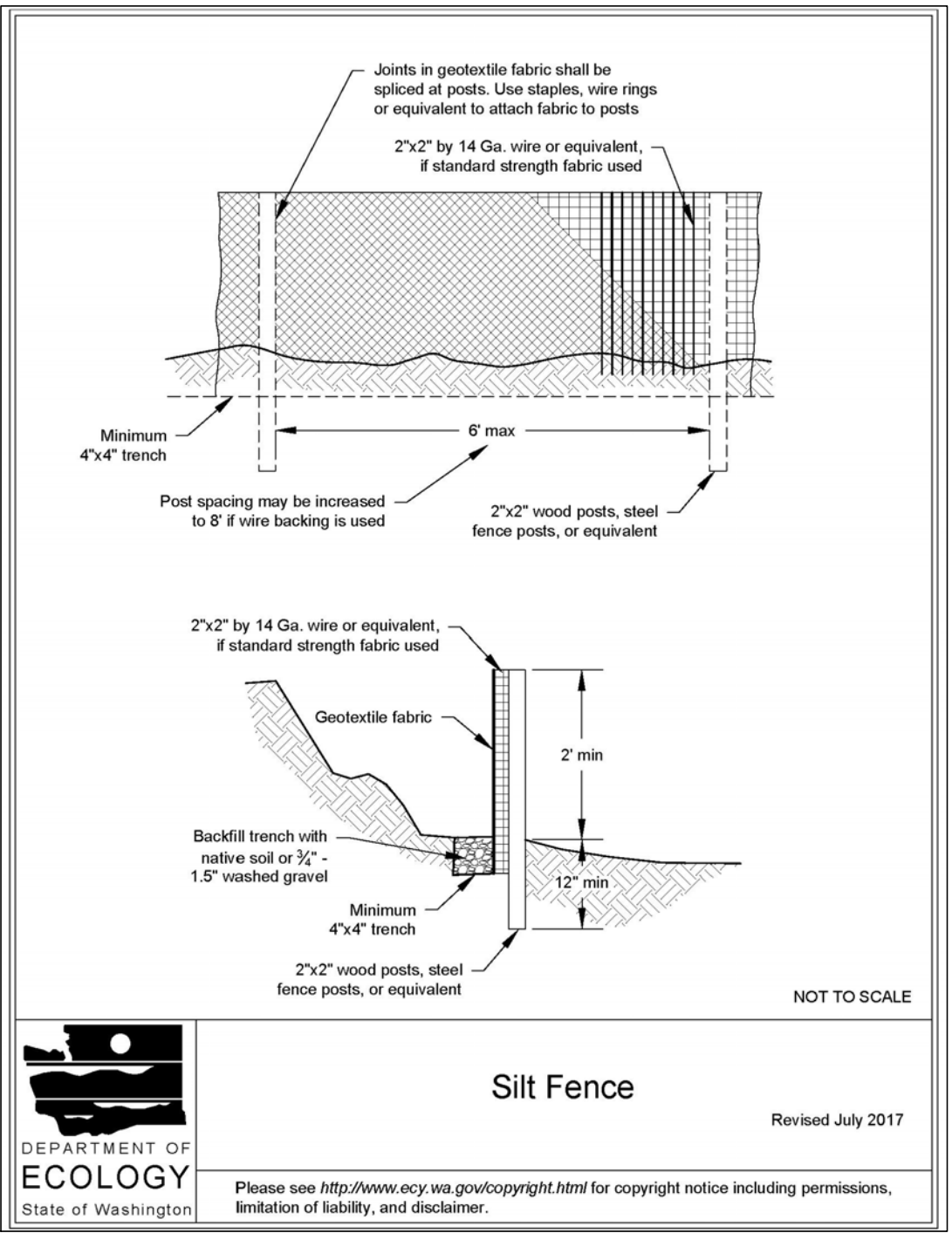
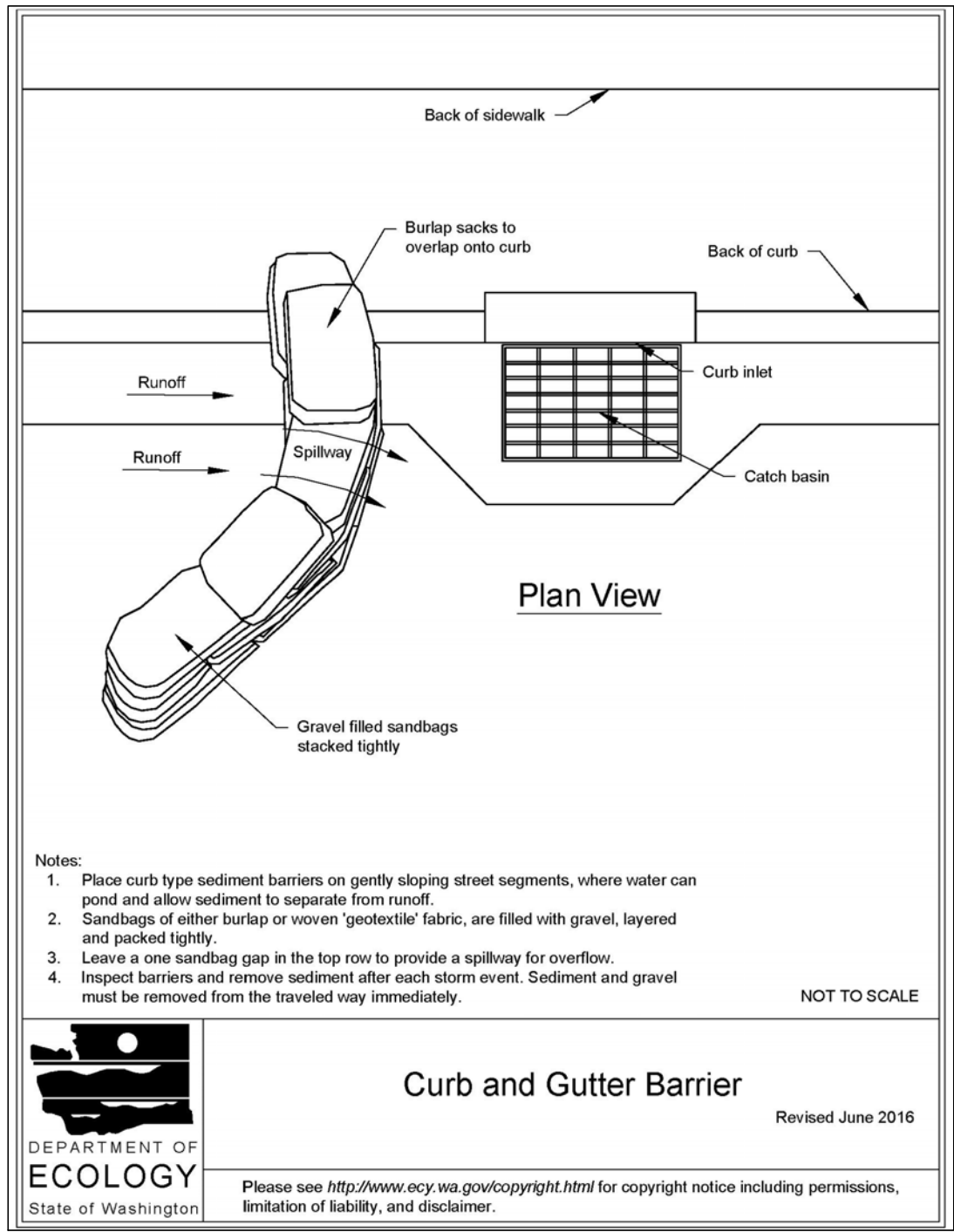
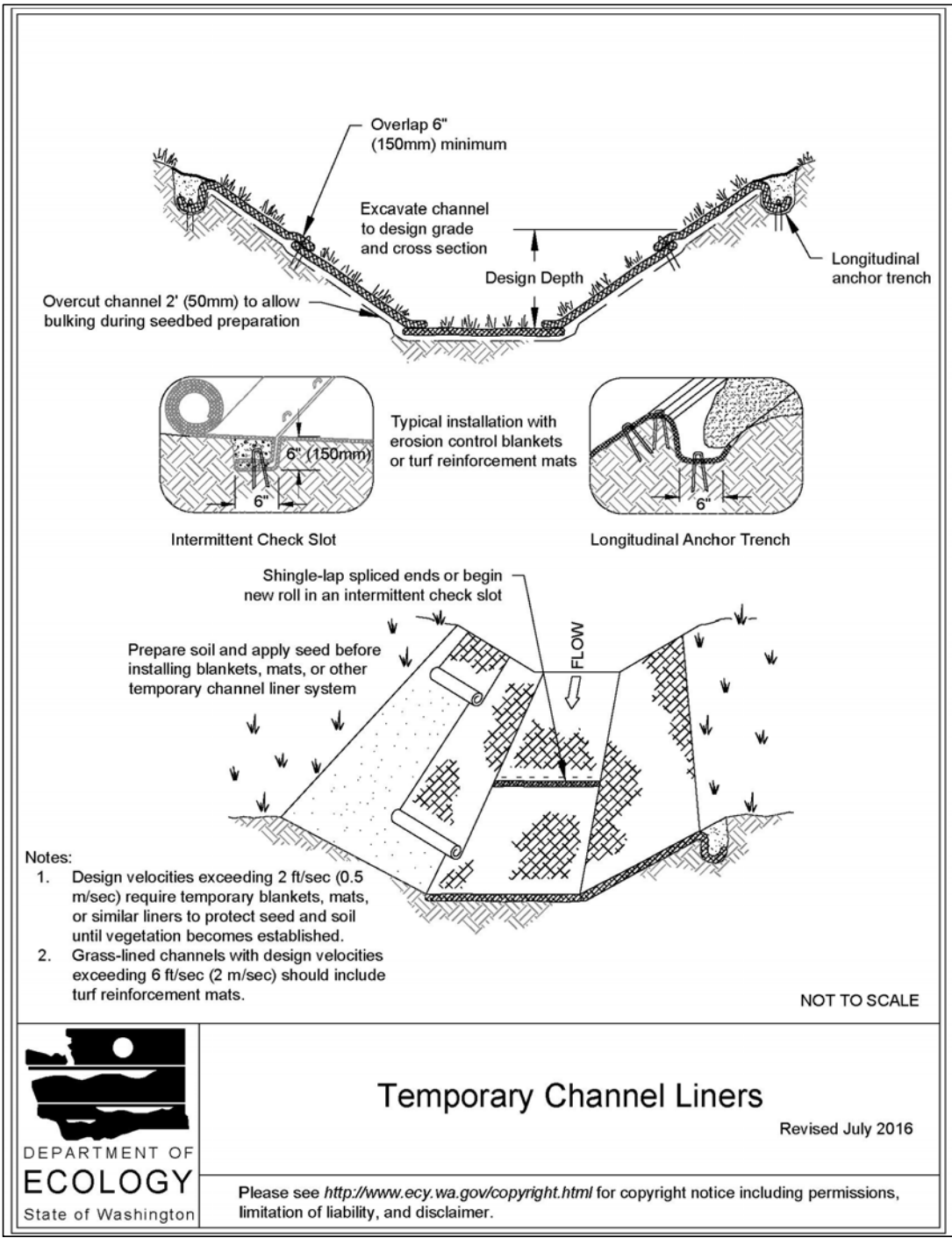
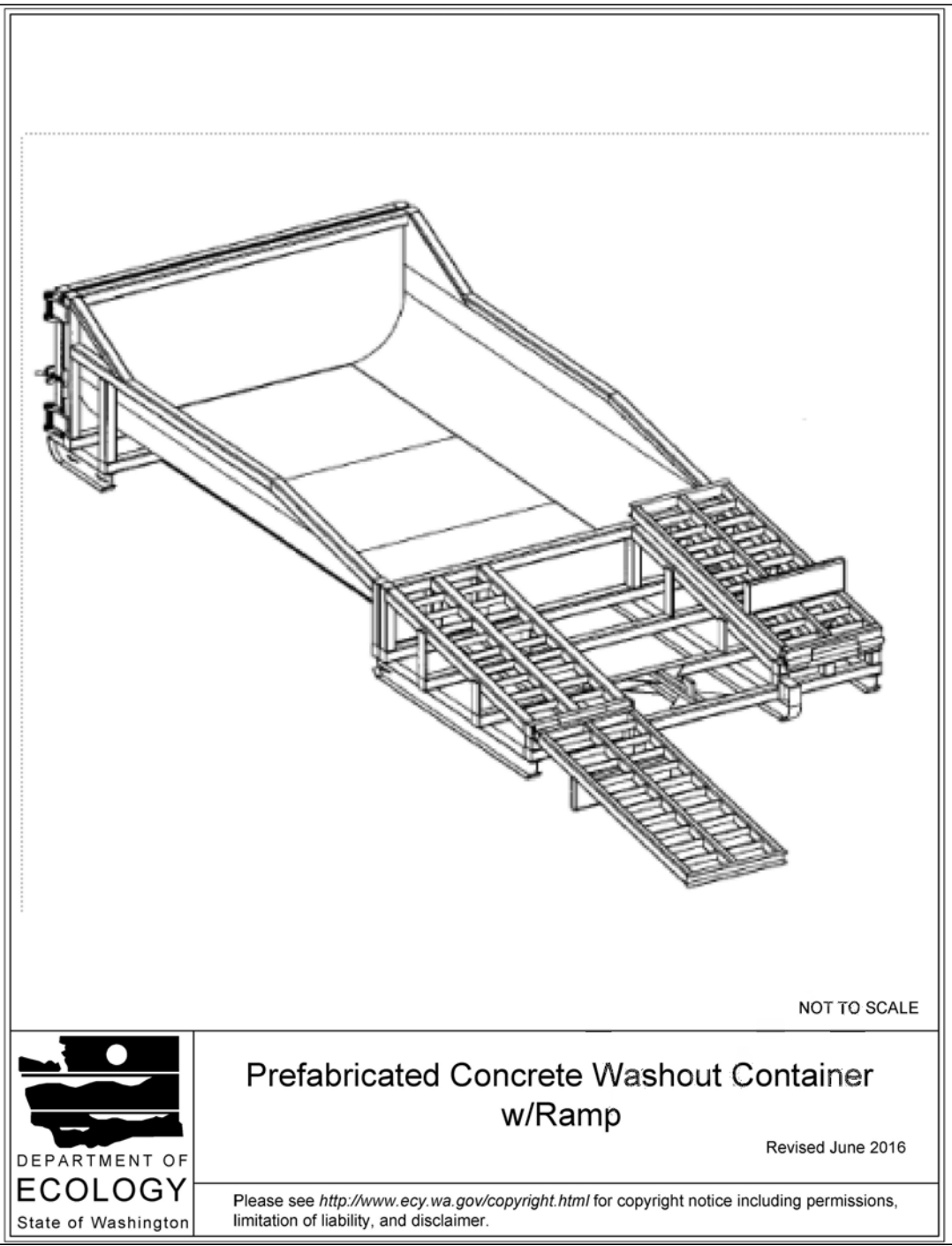
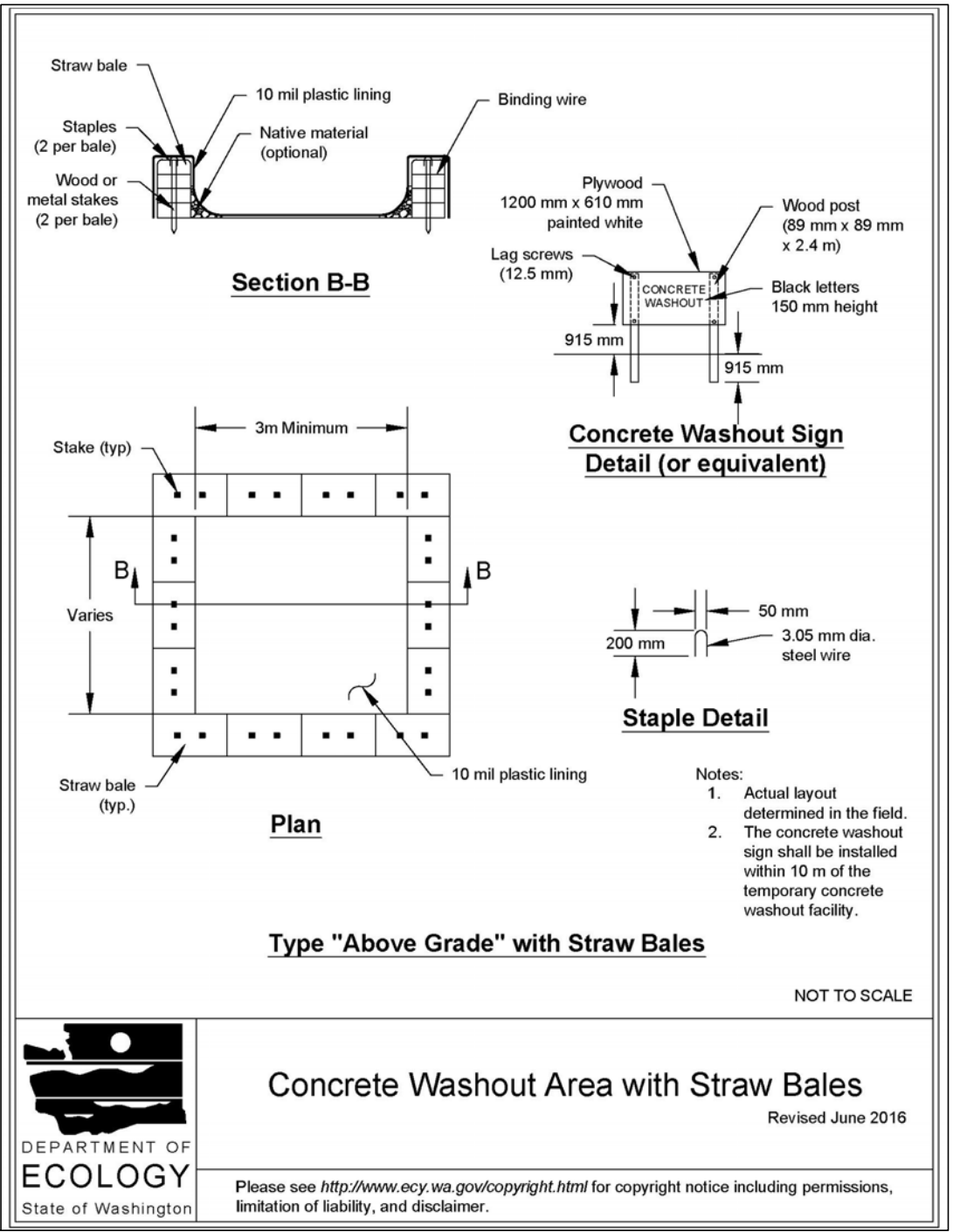
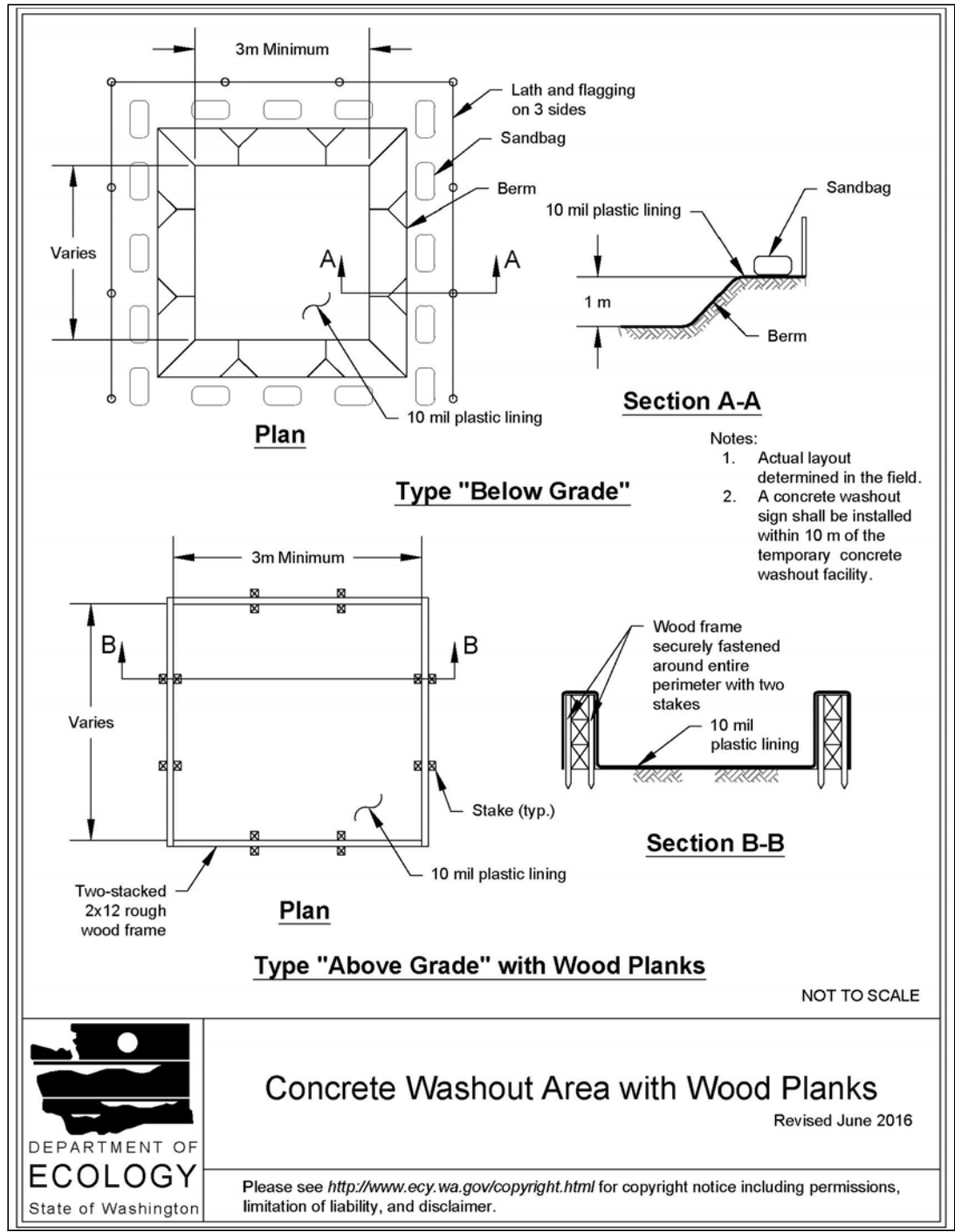
1 TESC PLAN, CONTRACTOR STAGING AREA, PHASES 1-3
C149 SCALE: 1"=20'
1"=20' 0' 20' 40'

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CITY ENGINEER _____ DATE _____

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE





1
C149

BMP DETAILS
SCALE: NOT TO SCALE

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No.	Revisions	Date	By
1	IFB R3 SUBMISSION	2/7/25	RSE

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Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

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1075 OLD QUARRY ROAD
BELMONT, CA 94002
www.rseinc.com
TEL 650.657.9500 FAX 650.657.9501

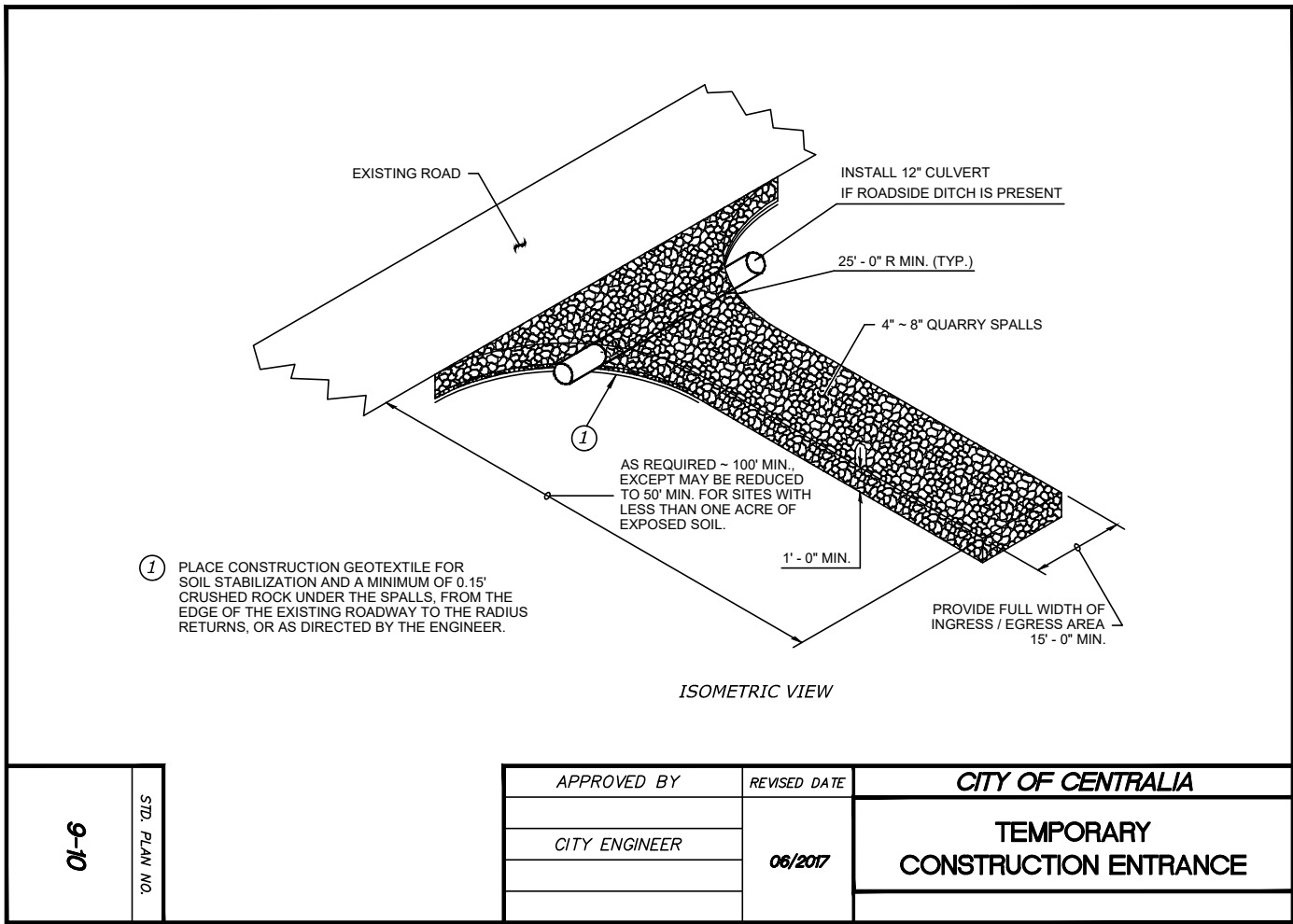
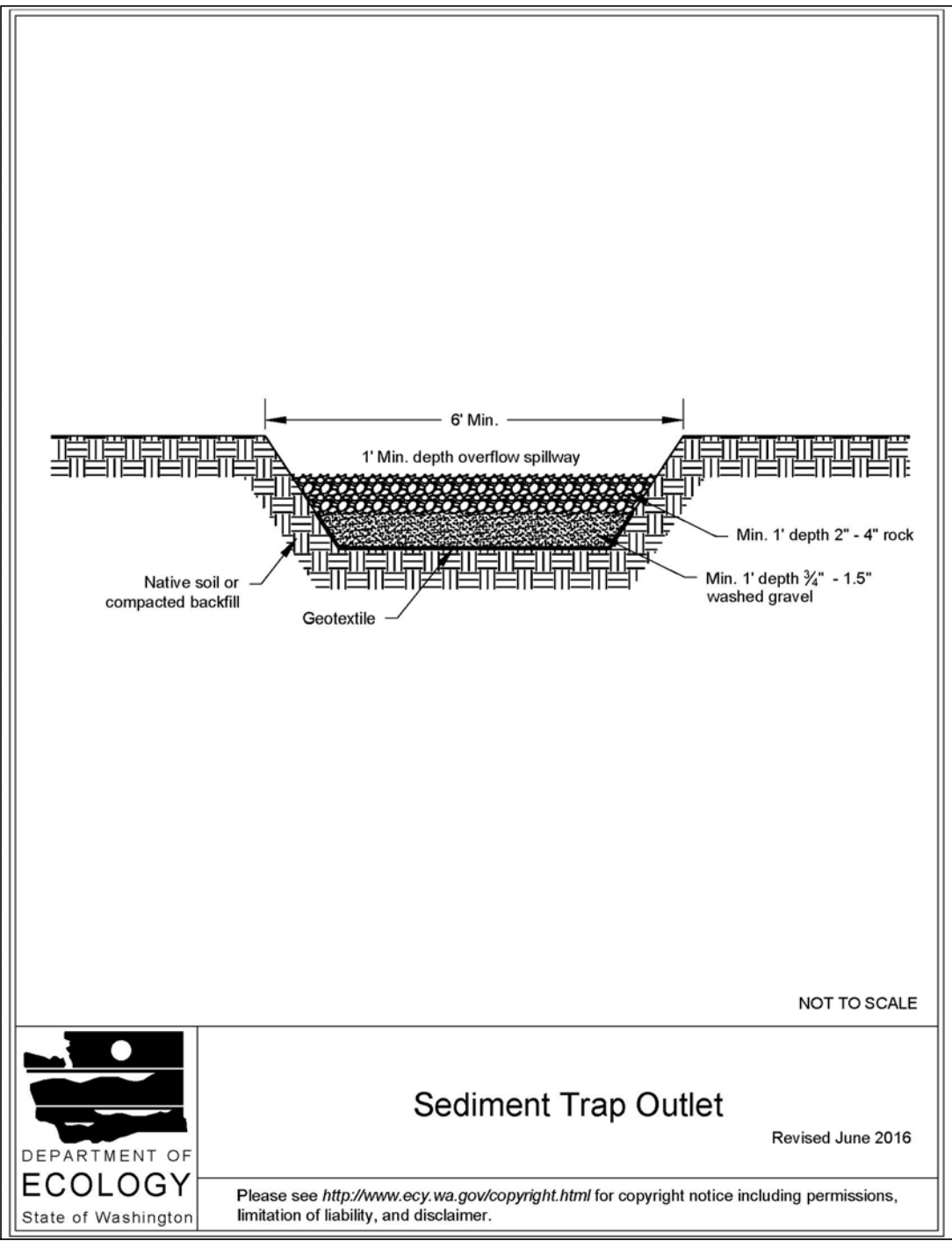
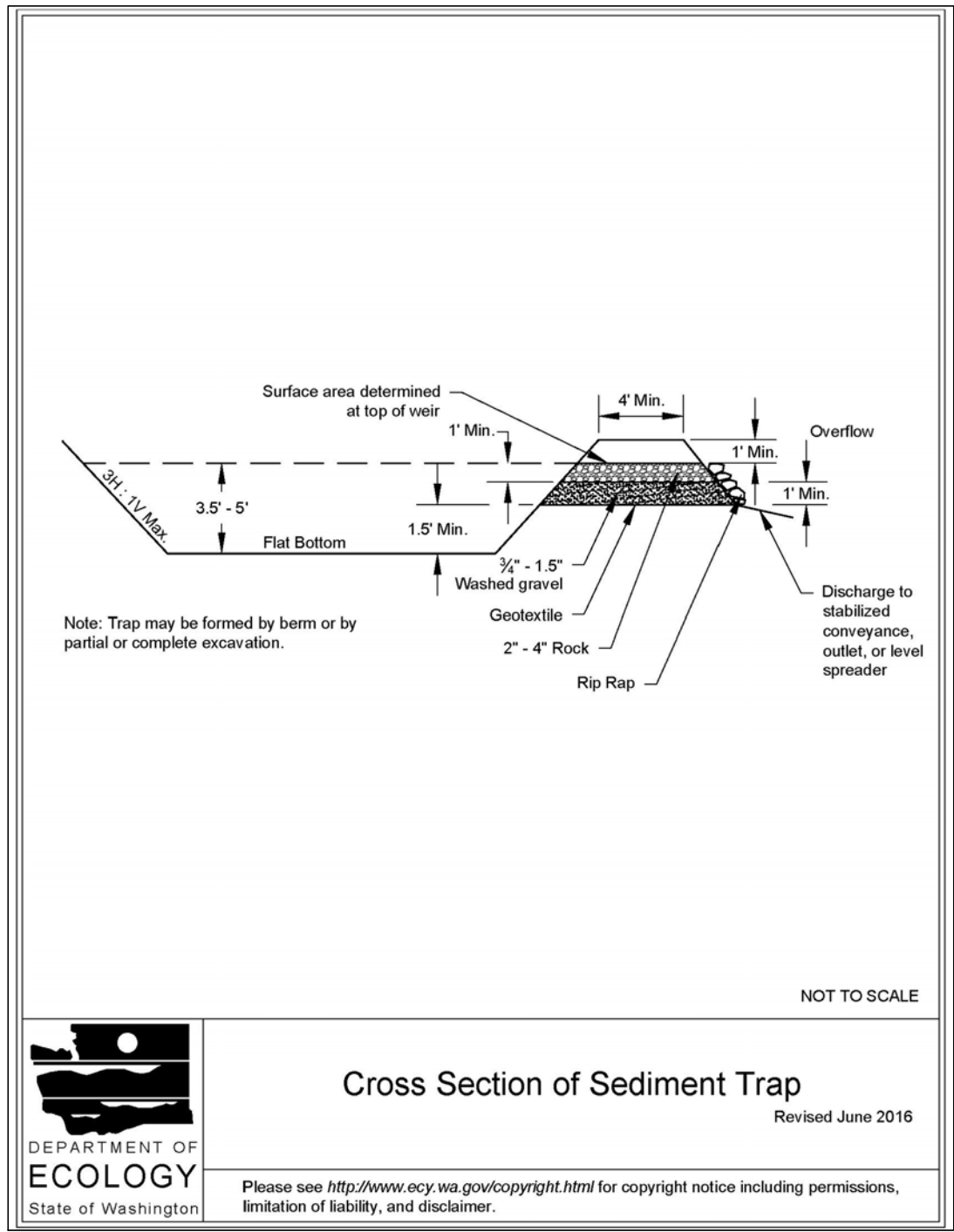
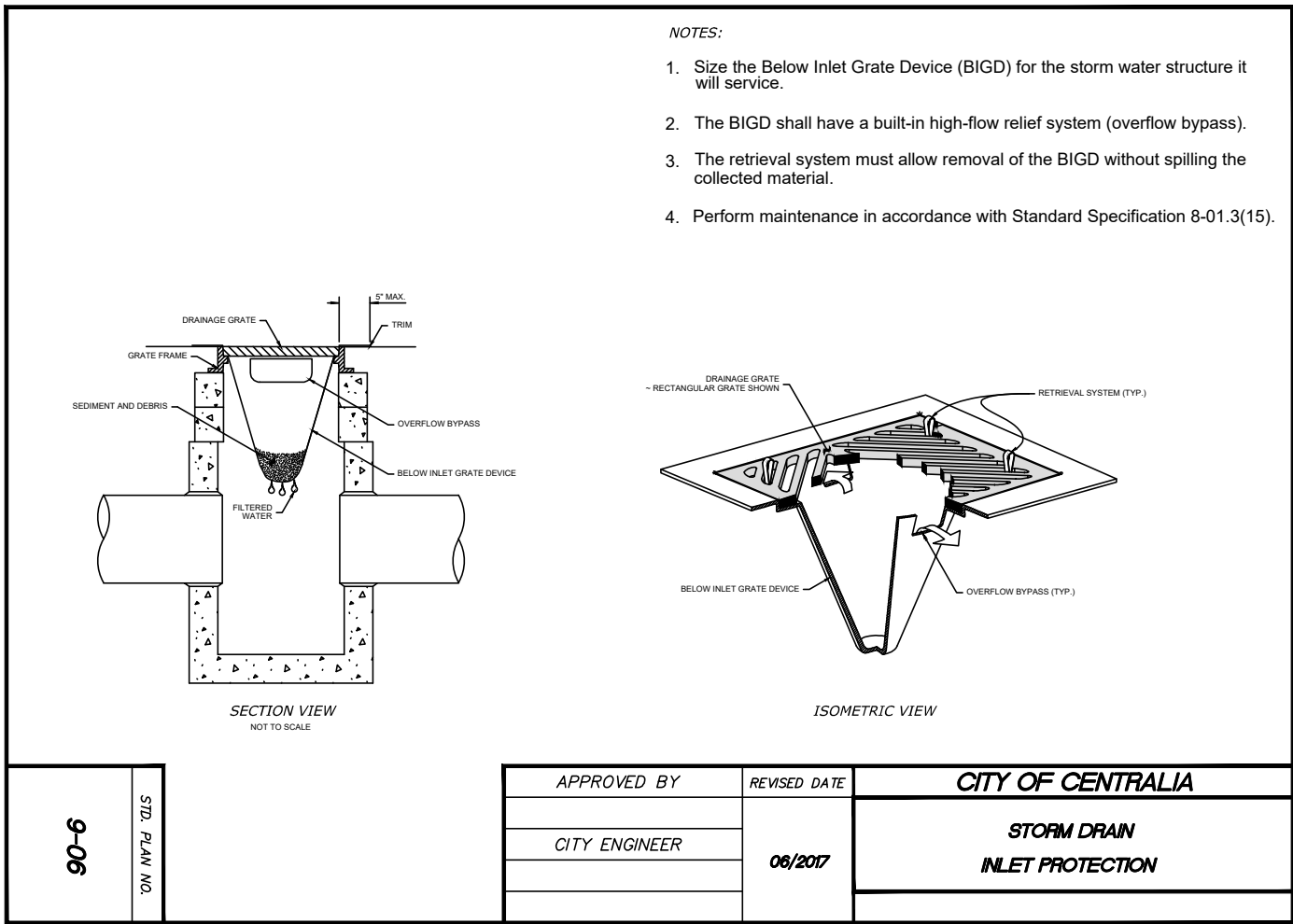
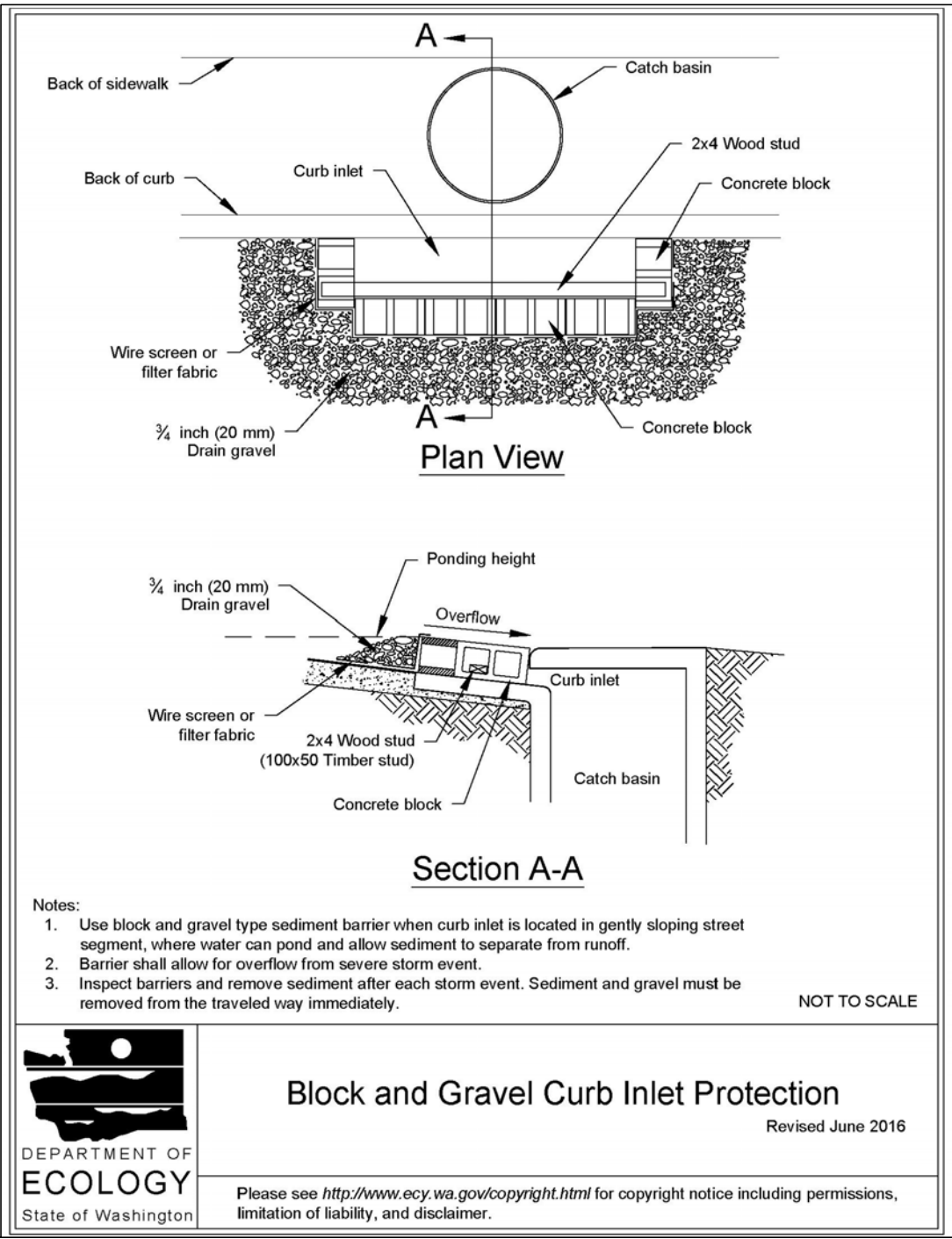
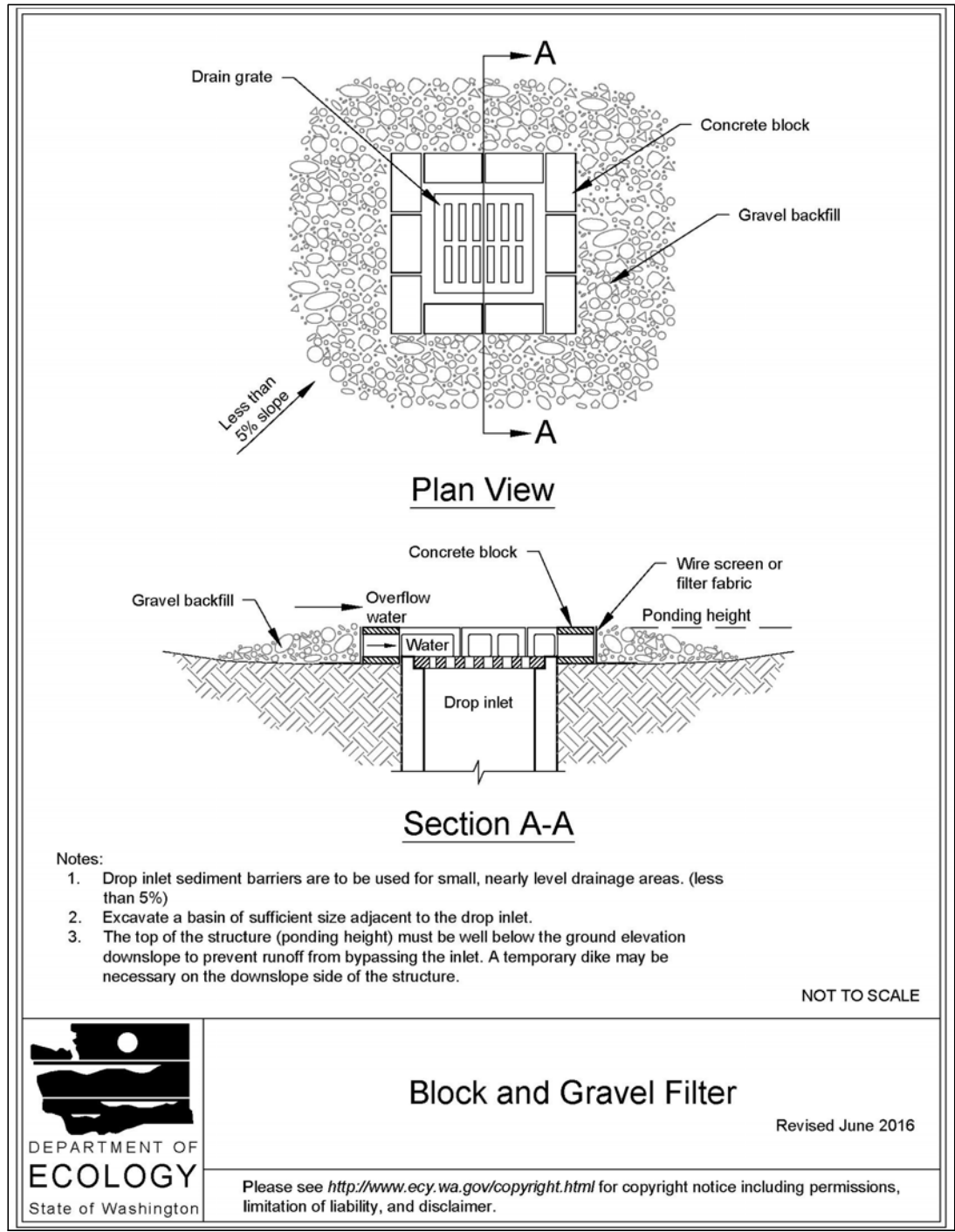
HNTB HNTB Corporation
1650 Arch Street, Suite 1700
Philadelphia, PA 19103
215-568-6500

CENTRALIA, WASHINGTON
ADA STATIONS PROGRAM
(ADASP)

BMP DETAILS, SHEET 1 OF 2

Designed	BC	Drawn	AL	Checked	JS	Date	2/7/2025
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Project Code: XXX XXX
WBS: 100462.1013
Sheet No. 28 OF 62
Dwg. No. **C150**



1
C150

BMP DETAILS
SCALE: NOT TO SCALE

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RSE, INC.
1075 Old County Road
Belmont, CA 94022
www.rseinc.com
TEL 650.657.9500 FAX 650.657.9501

HNTB
HNTB Corporation
1650 Arch Street, Suite 1700
Philadelphia, PA 19103
215-568-6500

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ADA STATIONS PROGRAM
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BMP DETAILS, SHEET 2 OF 2

Designed BC Drawn AL Checked JS Date 2/7/2025

Project Code: XXX XXX
WBS: 100462.1013
Sheet No. 29 OF 62
Dwg. No. **C151**