

## CIVIL NOTES

1. SEE G-002 FOR GENERAL ABBREVIATIONS. BELOW ARE ADDITIONAL CIVIL ABBREVIATIONS. CIVIL ABBREVIATIONS OVERRIDE GENERAL ABBREVIATIONS ON CIVIL SHEETS IF ANY CONFLICT.

## ABBREVIATIONS

AC	ASPHALT CONCRETE
AHR	ASPHALT CONCRETE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BMP	BEST MANAGEMENT PRACTICE
BW	BOTTOM OF WALL
CB	CATCH BASIN
CF	CUBIC FEET
CI	CAST IRON
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DI	DUCTILE IRON
DIA	DIAMETER
DWG	DRAWING
EG	EXISTING GRADE
EL	ELEVATION
EX	EXISTING
FD	FLOOR DRAIN
FF	FINISH FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
FT	FEET
G	GUTTER EQUALS
GALV	GALVANIZED
GB	GRADE BREAKS
H	HORIZONTAL
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH, INCHES
IRCC	IRON REBAR WITH COLOR CAP
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
OP	OVERHEAD POWER
PC	POINT OF CURVATURE
PERF	PERFORATED
PRC	POINT OF REVERSE CURVATURE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
RT	RIGHT
S	SLOPE EQUALS
SF	SQUARE FOOT (FEET)
SHT	SHEET
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
ST	STORM
STA	STATION
STD	STANDARD
STMH	STORM SEWER MANHOLE
TOC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
V	VERTICAL
VC	VERTICAL CURVE
VERT	VERTICAL
W	WATERLINE
W/	WITH

### DESCRIPTION

EXISTING

PROPOSED

MANHOLE		
CATCH BASIN		
CLEAN OUT		
FIRE HYDRANT		
WATER WELL		
WATER VALVE		
LIGHT		
UTILITY POLE		
TRANSFORMER		
ELECTRICAL VAULT		
IRRIGATION CONTROL VALVE		
SIGN		
ELECTRIC SERVICE BOX		
WATER SHUT OFF		
GATE POST		
MAJOR CONTOUR		
MINOR CONTOUR		
PROPERTY LINE		
CENTERLINE		
EASEMENT LINE		
LIMITS OF DISTURBANCE		
SAWCUT LINE		
EDGE OF AC OR GRAVEL		
CURB		
STORM DRAIN		
WATER		
SANITARY SEWER		
OVERHEAD UTILITIES		
GAS		
UNDERGROUND POWER		
FENCE		
SILT FENCE		
TREE PROTECTION FENCE		
PERF FOUNDATION DRAIN		
SOLID FOUNDATION DRAIN		
ORDINARY HIGH WATER		
DRAINAGE FLOW DIRECTION		
CONCRETE PAVING		
ASPHALT PAVING		
GRAVEL CONSTRUCTION ENTRANCE		
WALKWAY		
ROCK OUTFALL		
RAIN GARDEN		
WETLANDS		
DECIDUOUS TREE		
EVERGREEN TREE		



ADVERTISE

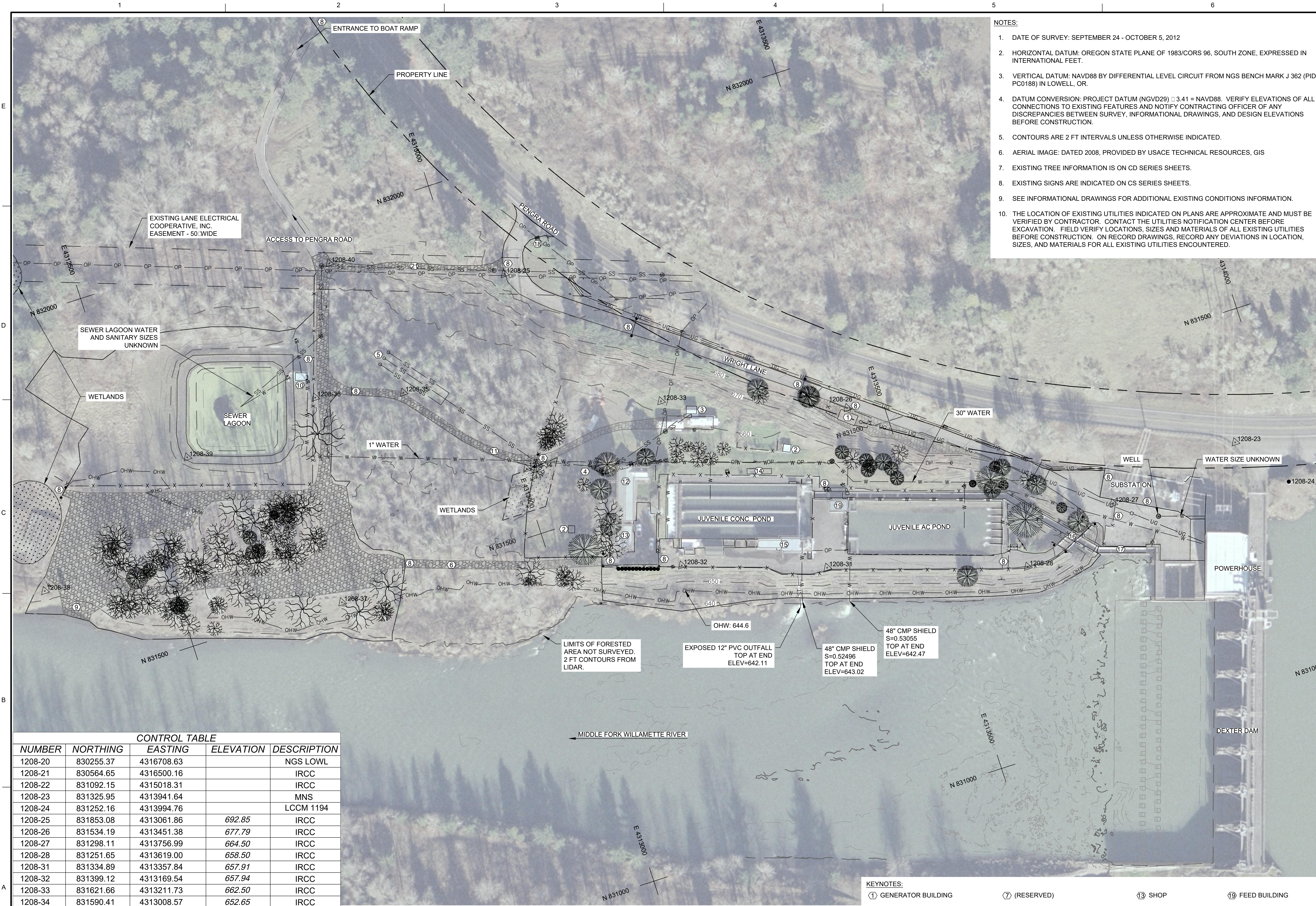
U.S. ARMY CORPS OF ENGINEERS PORTLAND DISTRICT PORTLAND, OREGON	DESIGNED BY:	DEREK R. MCCURDY, P.E.	DATE:	11/17/2022
	DRAWN BY:	CHECKED BY:	SOLICITATION NO.:	
	J. SEJDEY	J. CARROLL	W912N2R0005	
	SUBMITTED BY:	CONTRACT NO.:		
	JEREMY S. APPT, P.E.			
	PLOT SCALE:	PLOT DATE:	FILE NUMBER:	
	1:1	11/15/2022		
	SIZE:	FILE NAME:		
	ANSI:	DXF:101_c_001.dwg		

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE

## CIVIL NOTES, LEGEND, AND ABBREVIATIONS

SHEET  
IDENTIFICATION  
C-001





- NOTES:
1. DATE OF SURVEY: SEPTEMBER 24 - OCTOBER 5, 2012
  2. HORIZONTAL DATUM: OREGON STATE PLANE OF 1983/CORS 96, SOUTH ZONE, EXPRESSED IN INTERNATIONAL FEET.
  3. VERTICAL DATUM: NAVD88 BY DIFFERENTIAL LEVEL CIRCUIT FROM NGS BENCH MARK J 362 (PID PC0188) IN LOWELL, OR.
  4. DATUM CONVERSION: PROJECT DATUM (NGVD29)  $\pm 3.41$  = NAVD88. VERIFY ELEVATIONS OF ALL CONNECTIONS TO EXISTING FEATURES AND NOTIFY CONTRACTING OFFICER OF ANY DISCREPANCIES BETWEEN SURVEY, INFORMATIONAL DRAWINGS, AND DESIGN ELEVATIONS BEFORE CONSTRUCTION.
  5. CONTOURS ARE 2 FT INTERVALS UNLESS OTHERWISE INDICATED.
  6. AERIAL IMAGE: DATED 2008, PROVIDED BY USACE TECHNICAL RESOURCES, GIS
  7. EXISTING TREE INFORMATION IS ON CD SERIES SHEETS.
  8. EXISTING SIGNS ARE INDICATED ON CS SERIES SHEETS.
  9. SEE INFORMATIONAL DRAWINGS FOR ADDITIONAL EXISTING CONDITIONS INFORMATION.
  10. THE LOCATION OF EXISTING UTILITIES INDICATED ON PLANS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR. CONTACT THE UTILITIES NOTIFICATION CENTER BEFORE EXCAVATION. FIELD VERIFY LOCATIONS, SIZES AND MATERIALS OF ALL EXISTING UTILITIES BEFORE CONSTRUCTION. ON RECORD DRAWINGS, RECORD ANY DEVIATIONS IN LOCATION, SIZES, AND MATERIALS FOR ALL EXISTING UTILITIES ENCOUNTERED.

CONTROL TABLE				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1208-20	830255.37	4316708.63		NGS LOWL
1208-21	830564.65	4316500.16		IRCC
1208-22	831092.15	4315018.31		IRCC
1208-23	831325.95	4313941.64		MNS
1208-24	831252.16	4313994.76		LOCM 1194
1208-25	831853.08	4313061.86	692.85	IRCC
1208-26	831534.19	4313451.38	677.79	IRCC
1208-27	831298.11	4313756.99	664.50	IRCC
1208-28	831251.65	4313619.00	658.50	IRCC
1208-31	831334.89	4313357.84	657.91	IRCC
1208-32	831399.12	4313169.54	657.94	IRCC
1208-33	831621.66	4313211.73	662.50	IRCC
1208-34	831590.41	4313008.57	652.65	IRCC
1208-35	831741.31	4312880.13	653.54	IRCC
1208-36	831772.11	4312763.52	653.32	IRCC
1208-37	831494.34	4312711.89	646.64	IRCC
1208-38	831634.42	4312329.97	641.77	IRCC
1208-39	831748.37	4312571.73	652.99	IRCC
1208-40	831941.05	4312838.63	661.97	IRCC

- KEYNOTES:
- |                             |                                 |                         |                                 |
|-----------------------------|---------------------------------|-------------------------|---------------------------------|
| ① GENERATOR BUILDING        | ⑦ (RESERVED)                    | ⑬ SHOP                  | ⑲ FEED BUILDING                 |
| ② SHED                      | ⑧ GATE                          | ⑭ POND                  | ⑳ RESTROOMS                     |
| ③ LAUNDRY/BATHROOM BUILDING | ⑨ BOAT RAMP                     | ⑮ FISH SORTING FACILITY | ㉑ POWERLINE ROAD (INACCESSIBLE) |
| ④ SEPTIC TANK               | ⑩ SEWER LAGOON CONTROL BUILDING | ⑯ BRIDGE                |                                 |
| ⑤ SEPTIC FIELD              | ⑪ SEWER LAGOON ACCESS           | ⑰ FISH LADDER           |                                 |
| ⑥ BOAT ACCESS RAMP          | ⑫ HOUSE                         | ⑱ MAILBOX               |                                 |



US Army Corps  
of Engineers  
PORTLAND DISTRICT

ADVERTISE

DESIGNED BY: DERRICK R. MCCORDY, P.E.	DATE: 11/17/2022
DRAWN BY: JEREMY S. ARPT, P.E.	CHECKED BY: JEREMY S. ARPT, P.E.
SUBMITTED BY: JEREMY S. ARPT, P.E.	CONTRACT NO.:
FILE NAME: DNF101.CE001.dwg	FILE NUMBER:

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE

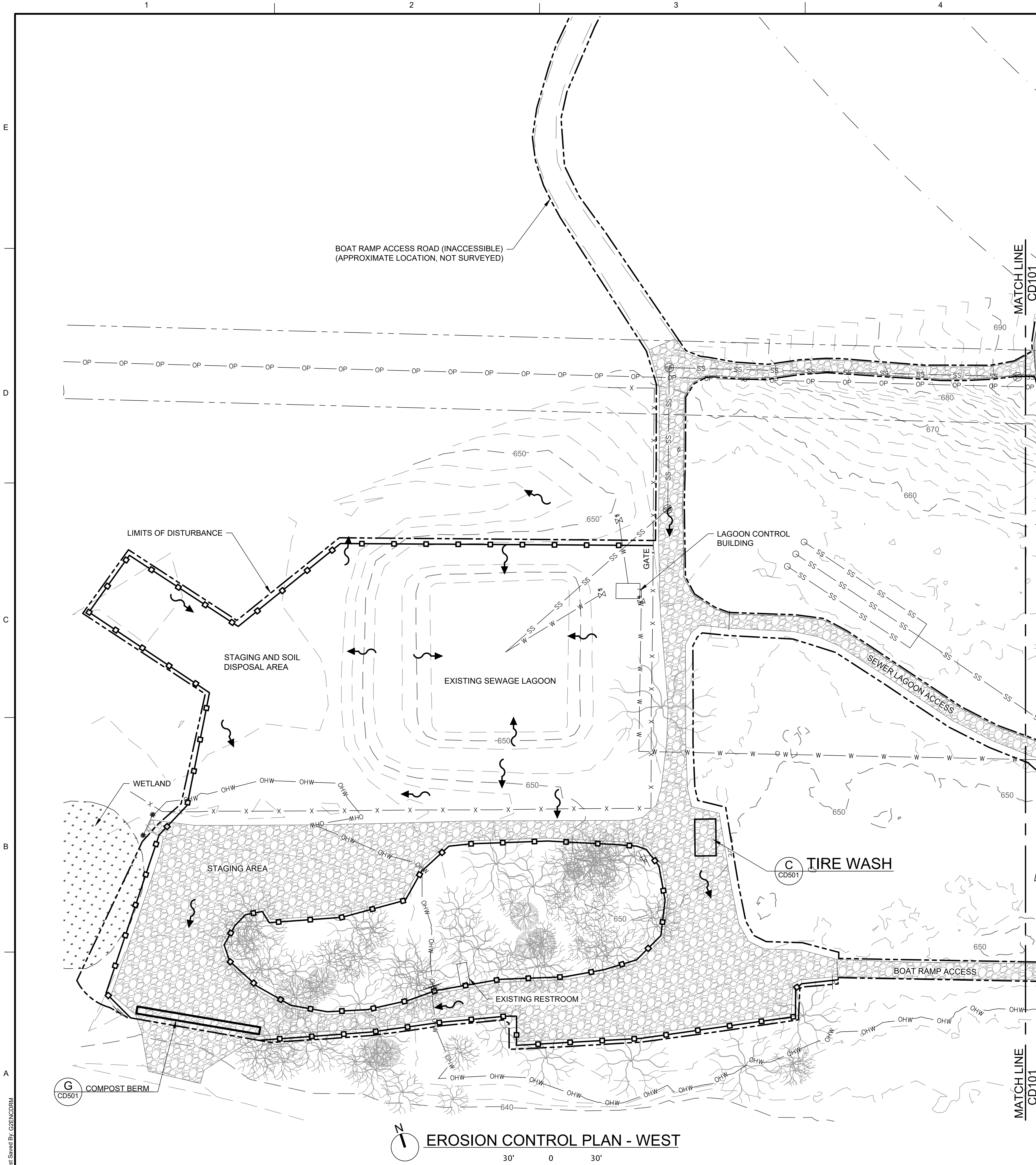
EXISTING CONDITIONS AND  
SURVEY CONTROL

SHEET  
IDENTIFICATION  
CE001









NOTES:  
1. SEE SHEET CD101 FOR EROSION CONTROL NOTES.

US Army Corps  
of Engineers®  
PORTLAND DISTRICT

ADVERTISE

DESIGNED BY: DEREK R. MCCURDY, P.E. 11/17/2022	CHECKED BY: J. CARROLL 10/27/2023	CONTRACT NO.: W72762-23-0005
DRAWN BY: J. CARROLL 10/27/2023	FILE NO.: 11/18/2022	FILE NUMBER: DWG 101 CD102.dwg
SIZE: 11x17		

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE

EROSION CONTROL PLAN  
WEST

SHEET  
IDENTIFICATION  
CD102









NOTE:  
1. SEE SHEET CD103 FOR DEMOLITION NOTES.

LEGEND:

X OR - X · X - REMOVE EXISTING TREE, PIPE OR STRUCTURE

[Hatched Box] REMOVE PAVEMENT/GRAVEL

[Hexagon with 1110] TREE IDENTIFICATION TAG

TREE TABLE			
TREE	DESCRIPTION	DRIPLINE DIA.	REMOVE
196	8" MAPLE	24'	X
197	12" FIR	30'	X
225	8" FIR	30'	X
239	8" MAPLE	24'	X
248	8" CEDAR	15'	X
249	10" FIR	24'	X
267	10" MADRONA	25'	X
268	20" FIR	28'	X
269	2 - 12" FIR	30'	X
270	20" FIR	28'	X
436	28" FIR	50'	X
486	8" SEQUOIA	10'	X
492	14" FIR	24'	X
493	14" FIR	24'	X
494	18" REDWOOD	20'	X
611	18" FIR	30'	
634	6" CEDAR	14'	X
635	12" FIR	24'	X
636	26" FIR	40'	X
689	12" CEDAR	20'	X
690	16" CHERRY	28'	X
691	10" FIR	20'	X
692	8" FIR	20'	X
693	8" FIR	20'	X
723	6" PEAR	20'	X
724	6" APPLE	10'	X
725	6" APPLE	25'	X
726	6" APPLE	20'	X
783	6" CHERRY	15'	X
784	12" APPLE	25'	X
785	6" APPLE	20'	X
796	18" PINE	25'	X
797	30" CEDAR	35'	
803	30" CEDAR	30'	
804	8" APPLE	20'	X
859	24" ELM	40'	
860	24" FIR	30'	
861	10" DEC.	27'	
862	24" COTTONWOOD	40'	
863	24" COTTONWOOD	40'	
864	36" FIR	44'	X
1108	20" COTTONWOOD	50'	
1109	8" MAPLE	20'	
1110	10" MAPLE	30'	
1111	6" COTTONWOOD	16'	
1112	24" COTTONWOOD	50'	
1113	24" COTTONWOOD	50'	
1114	24" COTTONWOOD	40'	
1115	16" COTTONWOOD	40'	
1116	14" COTTONWOOD	24'	
1117	24" COTTONWOOD	20'	

TREE TABLE			
TREE	DESCRIPTION	DRIPLINE DIA.	REMOVE
1118	8" MAPLE	20'	
1119	10" MAPLE	30'	
1120	20" COTTONWOOD	40'	
1121	14" COTTONWOOD	30'	
1122	14" FIR	20'	
1123	14" FIR	20'	
1124	22" COTTONWOOD	40'	
1125	10" COTTONWOOD	25'	
1126	28" COTTONWOOD	40'	
1127	14" COTTONWOOD	35'	
1128	14" COTTONWOOD	20'	
1129	12" CEDAR	20'	
1130	12" CEDAR	20'	
1131	14" COTTONWOOD	20'	
1132	18" COTTONWOOD	40'	
1133	24" COTTONWOOD	40'	
1134	10" COTTONWOOD	14'	
1135	8" COTTONWOOD	6' DEAD	X
1136	8" COTTONWOOD	6' DEAD	X
1137	14" COTTONWOOD	20'	
1138	12" COTTONWOOD	20'	
1139	24" COTTONWOOD	40'	
1140	16" COTTONWOOD	30'	
1141	12" COTTONWOOD	30'	
1142	10" COTTONWOOD	30'	
1143	18" COTTONWOOD	40'	
1144	10" COTTONWOOD	20'	
1145	24" COTTONWOOD	50'	
1146	16" COTTONWOOD	40'	
1147	18" COTTONWOOD	35'	
1148	10" CEDAR	20'	
1149	20" COTTONWOOD	40'	
1150	18" COTTONWOOD	35'	
1151	10" COTTONWOOD	20' DEAD	X
1152	6" COTTONWOOD	20'	
1153	8" COTTONWOOD	20'	
1154	16" COTTONWOOD	25'	
1155	8" COTTONWOOD	20'	
1156	14" COTTONWOOD	20'	
1157	12" COTTONWOOD	20'	
1158	6" MAPLE	25'	
1159	8" CEDAR	12'	
1160	10" COTTONWOOD	30'	
1161	8" COTTONWOOD	20'	
1162	16" COTTONWOOD	40'	
1163	14" COTTONWOOD	40'	
1329	24" COTTONWOOD	50'	
1330	8" APPLE	20'	
1331	14" CEDAR	20'	
1332	14" COTTONWOOD	50'	
1333	8" MAPLE	30'	
1334	10" MAPLE	40'	

TREE TABLE			
TREE	DESCRIPTION	DRIPLINE DIA.	REMOVE
1334	10" MAPLE	40'	
1335	24" COTTONWOOD	50'	
1336	24" COTTONWOOD	40'	
1337	24" COTTONWOOD	40'	
1338	20" COTTONWOOD	40'	
1339	16" COTTONWOOD	30'	
1340	12" COTTONWOOD	20'	
1341	20" COTTONWOOD	40'	
1342	16" COTTONWOOD	25'	
1343	12" COTTONWOOD	30'	
1344	12" COTTONWOOD	20'	
1345	18" COTTONWOOD	40'	
1346	8" COTTONWOOD	20'	
1347	12" COTTONWOOD	30'	
1348	14" CEDAR	20'	
1349	8" COTTONWOOD	20'	
1350	8" COTTONWOOD	20'	
1351	14" COTTONWOOD	30'	
1352	14" COTTONWOOD	25'	
1353	14" FIR	30'	
1354	12" COTTONWOOD	20'	
1355	3 - 14" COTTONWOOD	50'	
1356	14" COTTONWOOD	25'	
1357	14" COTTONWOOD	40'	
1358	12" COTTONWOOD	20'	
1359	10" COTTONWOOD	20'	
1360	14" COTTONWOOD	20'	
1361	24" COTTONWOOD	50'	
1362	3 - 10" COTTONWOOD	40'	
1363	18" COTTONWOOD	30'	
1364	2 - 18" COTTONWOOD	40'	
1365	12" COTTONWOOD	25'	
1366	18" COTTONWOOD	25'	
1367	28" COTTONWOOD	50'	
1368	10" COTTONWOOD	25'	
1369	12" COTTONWOOD	30'	
2000	36" MAPLE	30'	
2001	32" COTTONWOOD	20'	X
2003	36" COTTONWOOD	24'	X
2004	20" MAPLE	40'	X

TREE TABLE			
TREE	DESCRIPTION	DRIPLINE DIA.	REMOVE
2005	24" COTTONWOOD	30'	
2006	24" COTTONWOOD	25'	
2007	--REMOVED--	--	
2008	18" COTTONWOOD	20'	
2009	18" COTTONWOOD	20'	
2010	20" COTTONWOOD	20'	
2011	24" COTTONWOOD	30'	
2012	18" COTTONWOOD	25'	
2013	20" COTTONWOOD	30'	
2014	18" COTTONWOOD	25'	
2015	30" COTTONWOOD	30'	
2016	38" COTTONWOOD	75'	
2017	8" DEC.	20'	
2018	24" COTTONWOOD	40'	

File Last Saved By: G2E0DANS



US Army Corps of Engineers  
of Engineers®  
PORTLAND DISTRICT

ADVERTISE

DESIGNED BY: DEREK R. MCCURDY, P.E.  
DRAWN BY: JEREMY S. APPEL, P.E.  
CHECKED BY: JEREMY S. APPEL, P.E.  
PORTLAND DISTRICT  
PORTLAND, OREGON

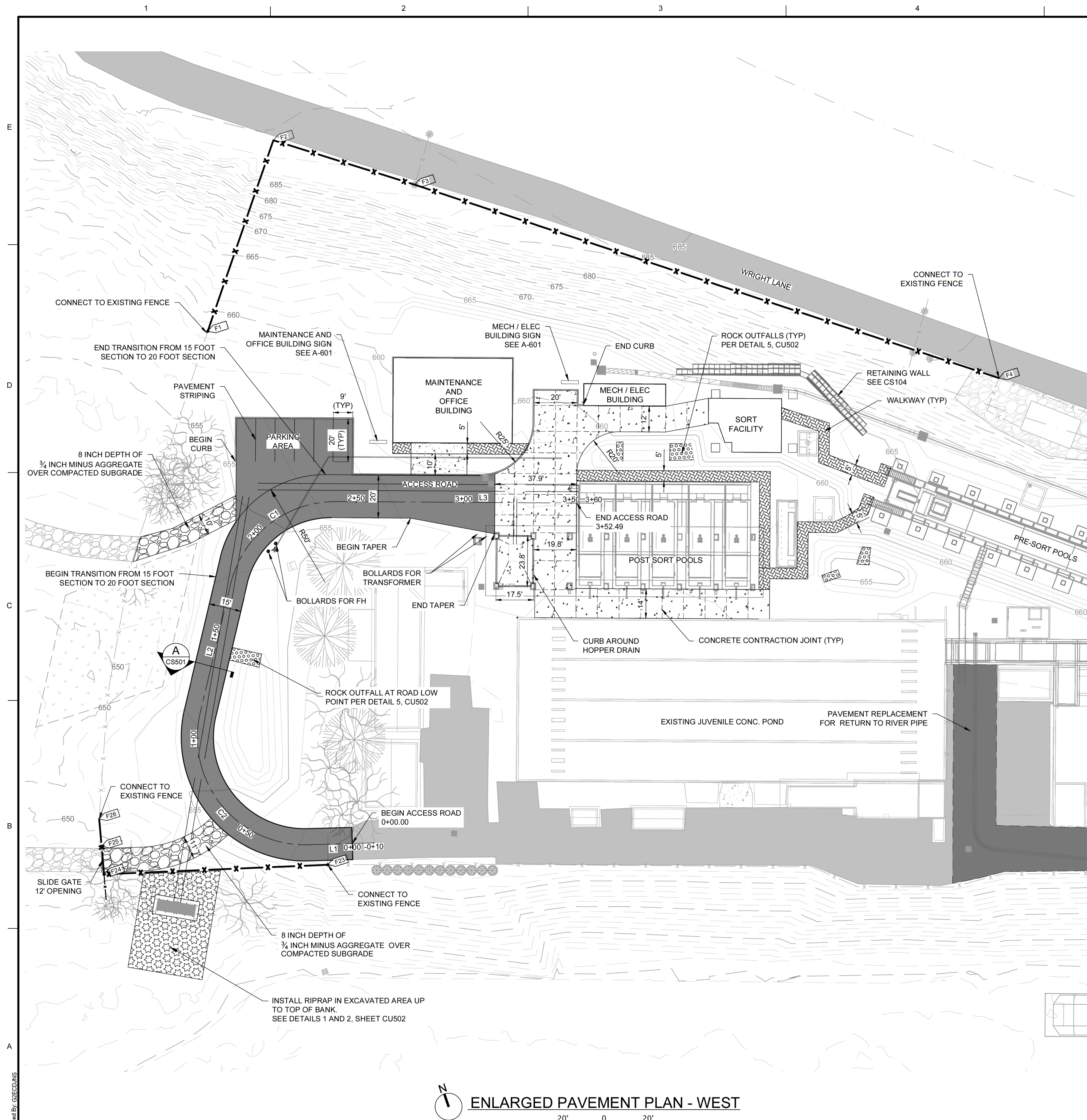
DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE  
DEMOLITION PLAN  
WEST

SHEET  
IDENTIFICATION  
CD104









NOTES:

1. SEE CG SHEETS FOR PAVEMENT COORDINATES OUTSIDE OF ACCESS ROAD ALIGNMENT.

FENCE TABLE		
KEY	NORTHING	EASTING
F1	831684.03	4313088.40
F2	831759.07	4313144.79
F3	831719.13	4313200.96
F4	831549.90	4313431.60
F5	831511.50	4313478.30
F6	831417.92	4313599.13
F7	831402.17	4313621.08
F8	831383.60	4313642.90
F9	831345.99	4313680.82
F10	831301.61	4313678.86
F11	831286.22	4313691.64
F12	831294.43	4313701.53
F13	831294.32	4313724.53
F14	831309.70	4313740.26

FENCE TABLE		
KEY	NORTHING	EASTING
F15	831311.77	4313742.37
F16	831250.34	4313714.48
F17	831241.01	4313711.40
F18	831243.99	4313705.35
F19	831248.42	4313700.26
F20	831257.95	4313692.36
F21	831267.54	4313684.53
F22	831253.50	4313668.33
F23	831430.80	4313064.98
F24	831458.68	4312964.68
F25	831471.39	4312967.60
F26	831483.84	4312970.43

ACCESS ROAD ALIGNMENT				
LINE TABLE				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L2	61.25'	N31° 13' 41.41"E	(4313030.41,831516.37)	(4313062.16,831568.74)
L3	119.89'	S71° 42' 00.00"E	(4313120.62,831590.29)	(4313234.45,831552.64)
L1	30.52'	N73° 42' 26.24"W	(4313088.43,831433.89)	(4313059.14,831442.46)

CURVE TABLE						
CURVE #	RADIUS	LENGTH	CHORD LENGTH	CHORD DIRECTION	START POINT	END POINT
C2	50.00'	91.57'	79.30'	N21° 14' 22.42"W	(4313059.14,831442.46)	(4313030.41,831516.37)
C1	50.00'	67.26'	62.30'	N69° 45' 50.71"E	(4313062.16,831568.74)	(4313120.62,831590.29)



## ADVERTISE

U.S. ARMY CORPS OF ENGINEERS PORTLAND DISTRICT PORTLAND, OREGON	DESIGNED BY:	DEREK R. MCCURDY, P. E.	DATE:	11/17/2022
	DRAWN BY:	CHECKED BY:	SOLICITATION NO.:	W012N2R0005
	JSEDEY	JOARROLL	CONTRACT NO.:	
	SUBMITTED BY:	JEREMY S. APPT, P. E.	FILE NUMBER:	
	PLOT SCALE:	PLOT DATE:	FILE NAME:	
	1:1	11/16/2022	ANSI E	DXF:101_CS102.dwg

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE

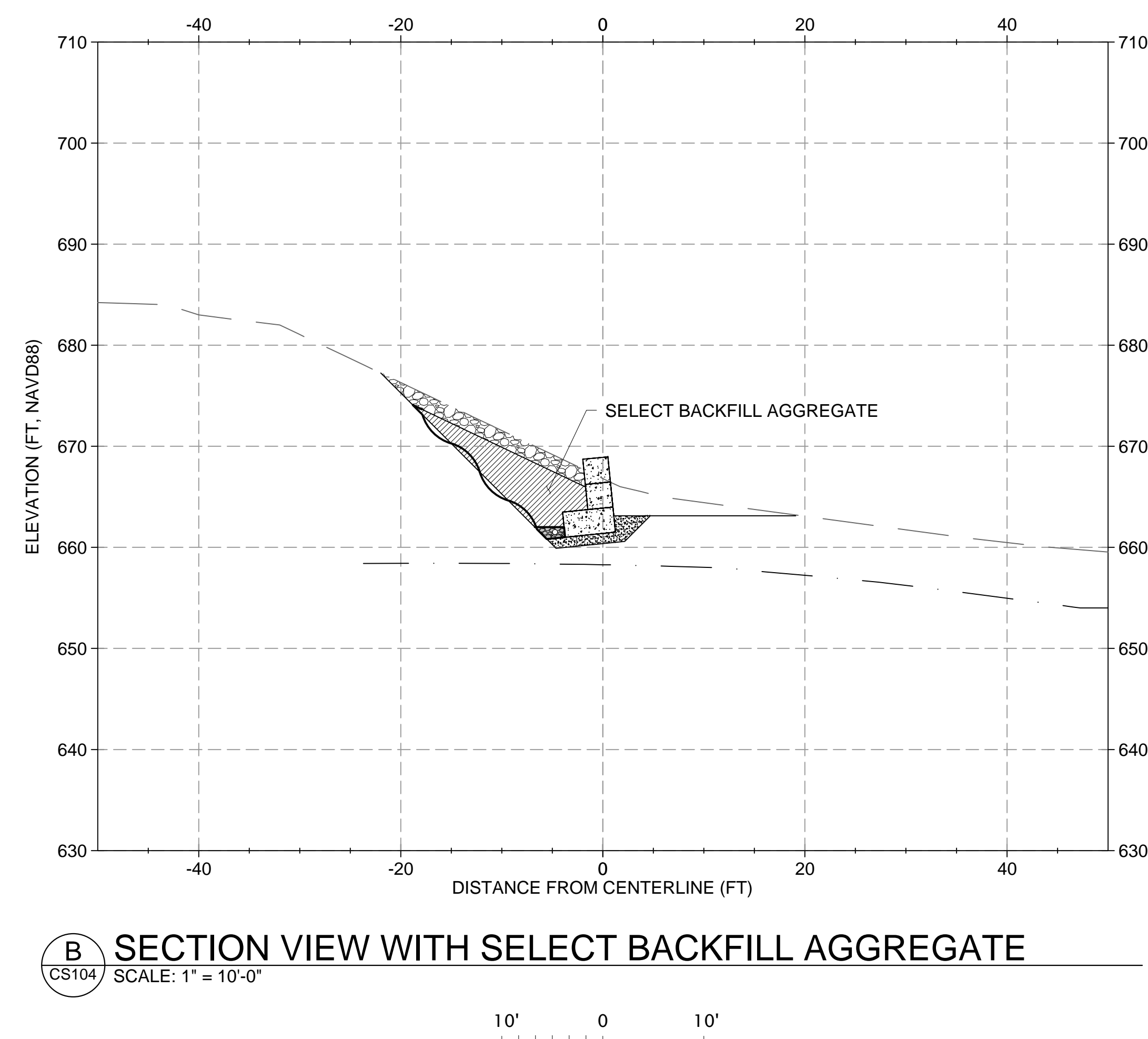
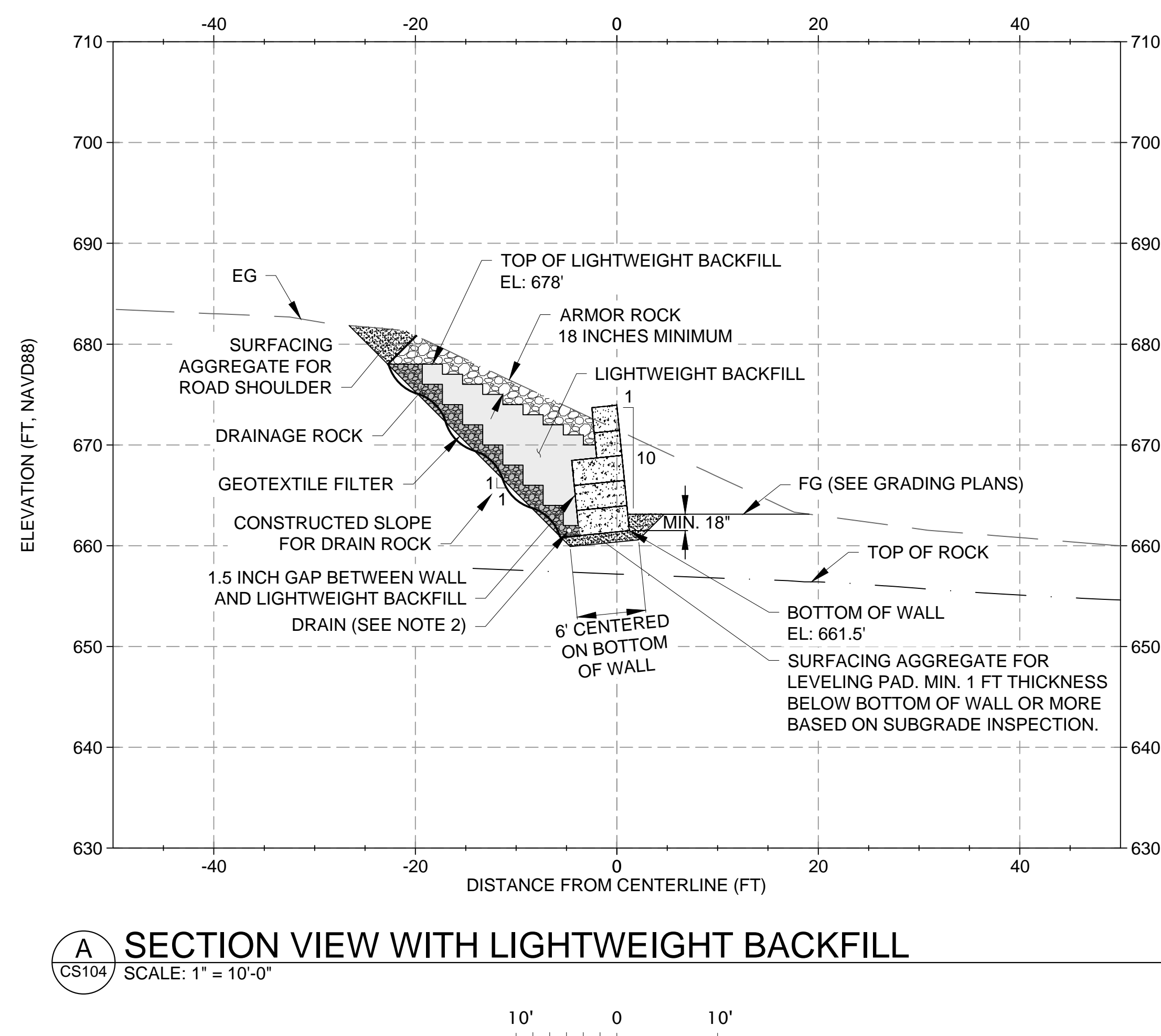
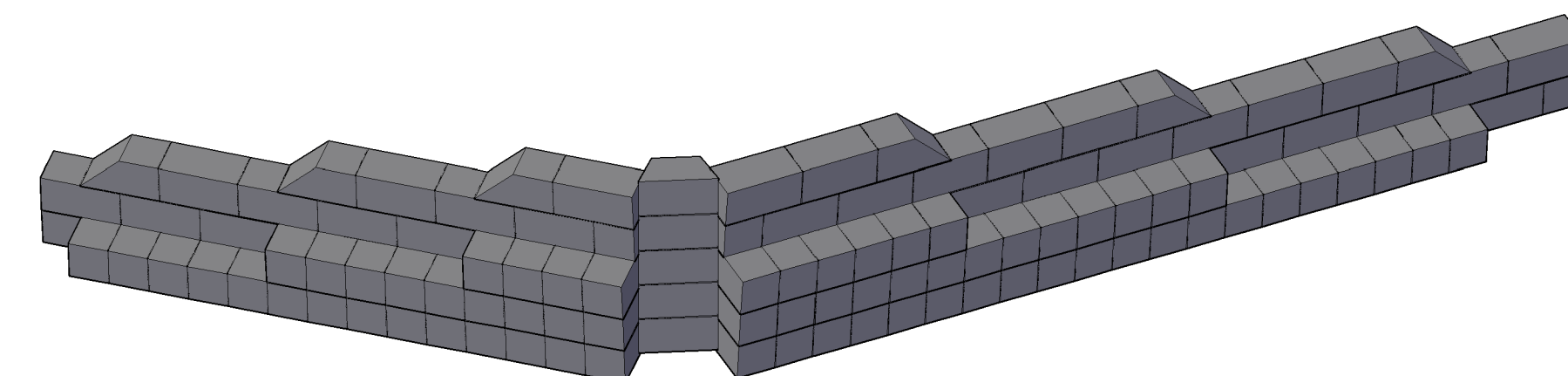
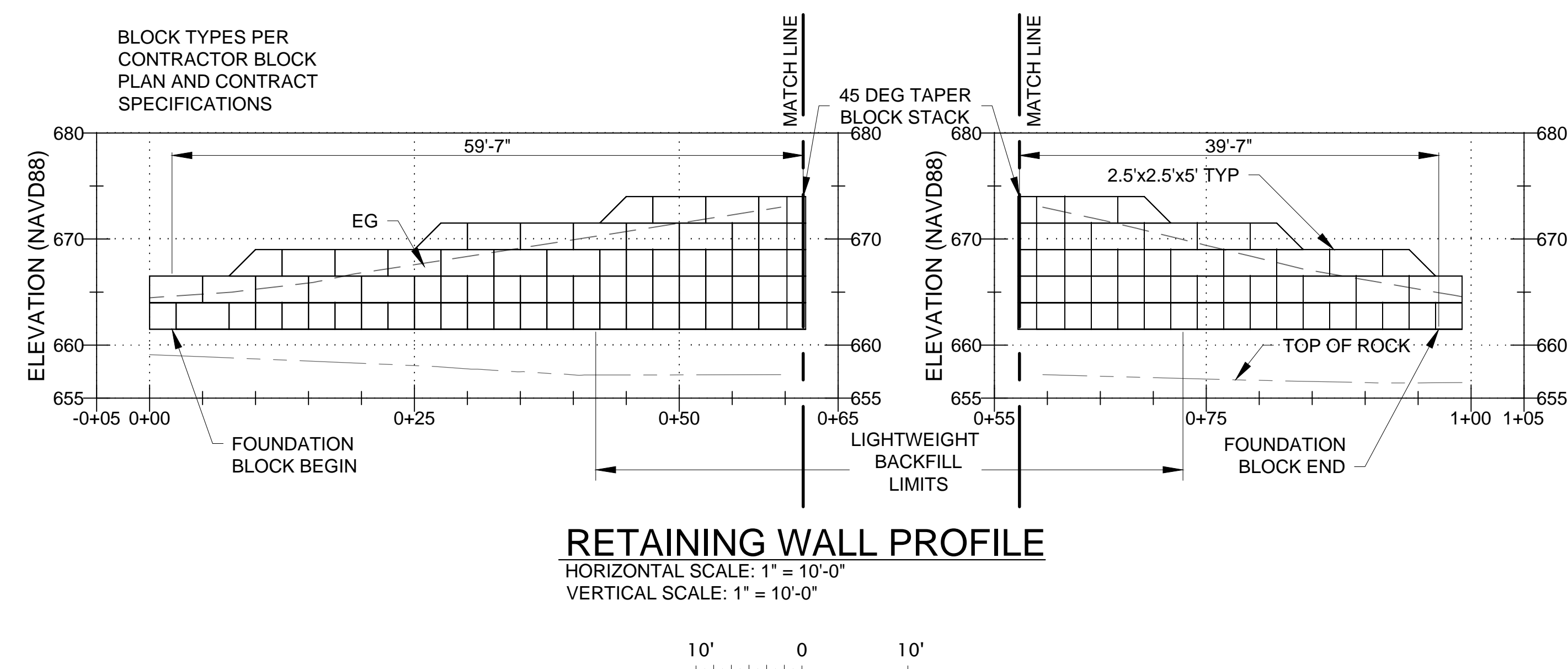
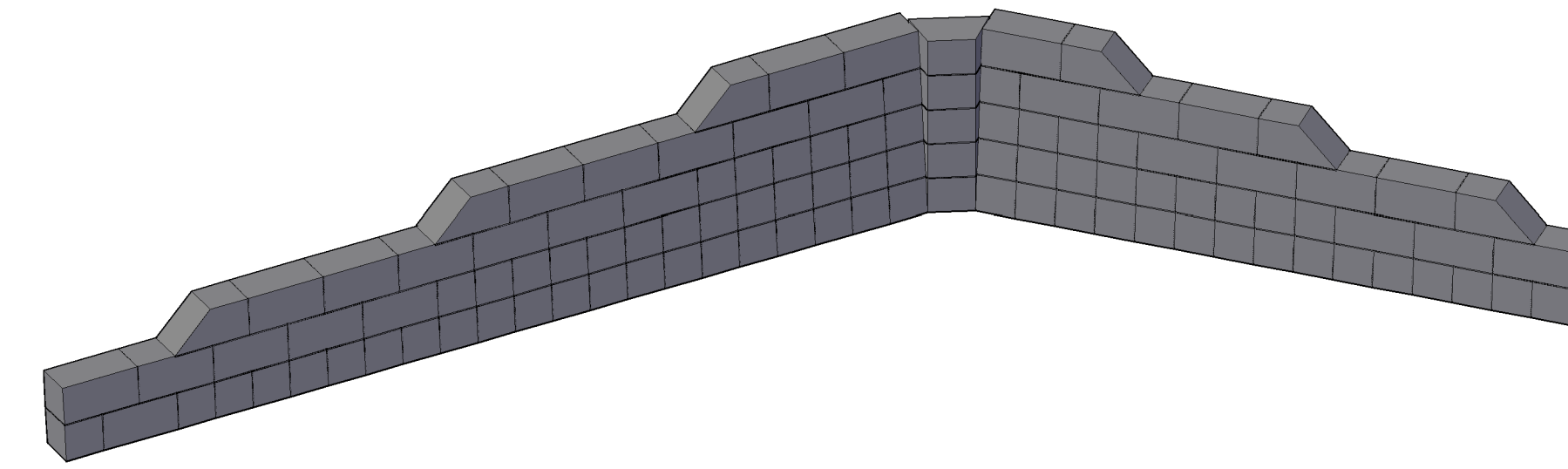
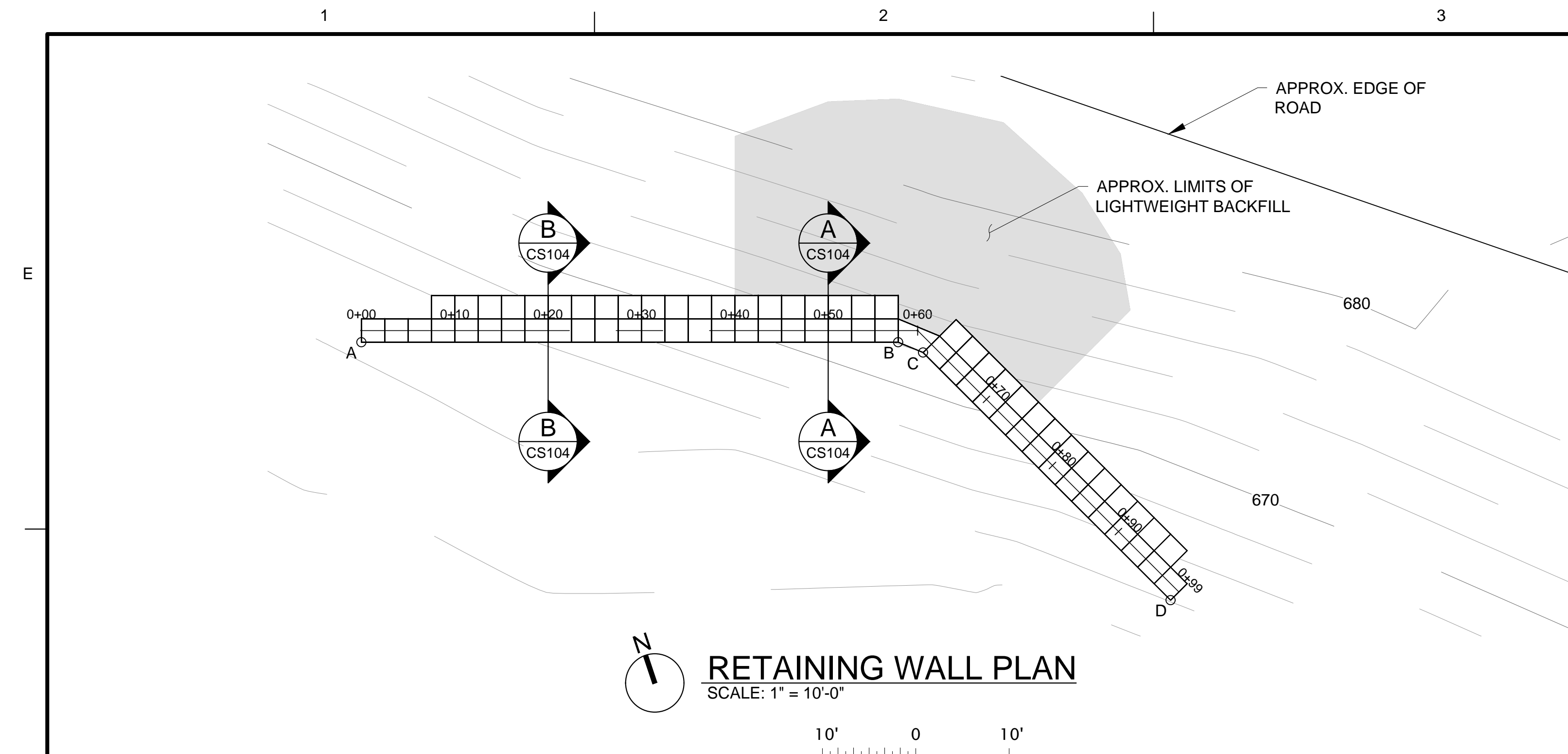
ENLARGED PAVEMENT PLAN

SHEET  
IDENTIFICATION  
**CS102**









RETAINING WALL CONTROL POINTS			
POINT	NORTHING	EASTING	ELEVATION
A	831597.47	4313289.48	661.5'
B	831579.29	4313344.03	661.5'
C	831577.40	4313346.20	661.5'
D	831543.86	4313362.98	661.5'

- NOTES:
1. SEE SECTION 32 32 23.13 25, SEGMENTAL CONCRETE BLOCK RETAINING WALL, FOR ADDITIONAL SPECIFICATIONS.
  2. PIPE DIAMETER IS 6 INCHES. SEE SHEETS CU102 AND CU104 FOR INVERT ELEVATIONS AND DISCHARGE POINTS. SEE SHEET CU501 FOR FOUNDATION DRAIN DETAILS.



File Last Saved By: G2ECODJNS

A

B

C

D

E

1

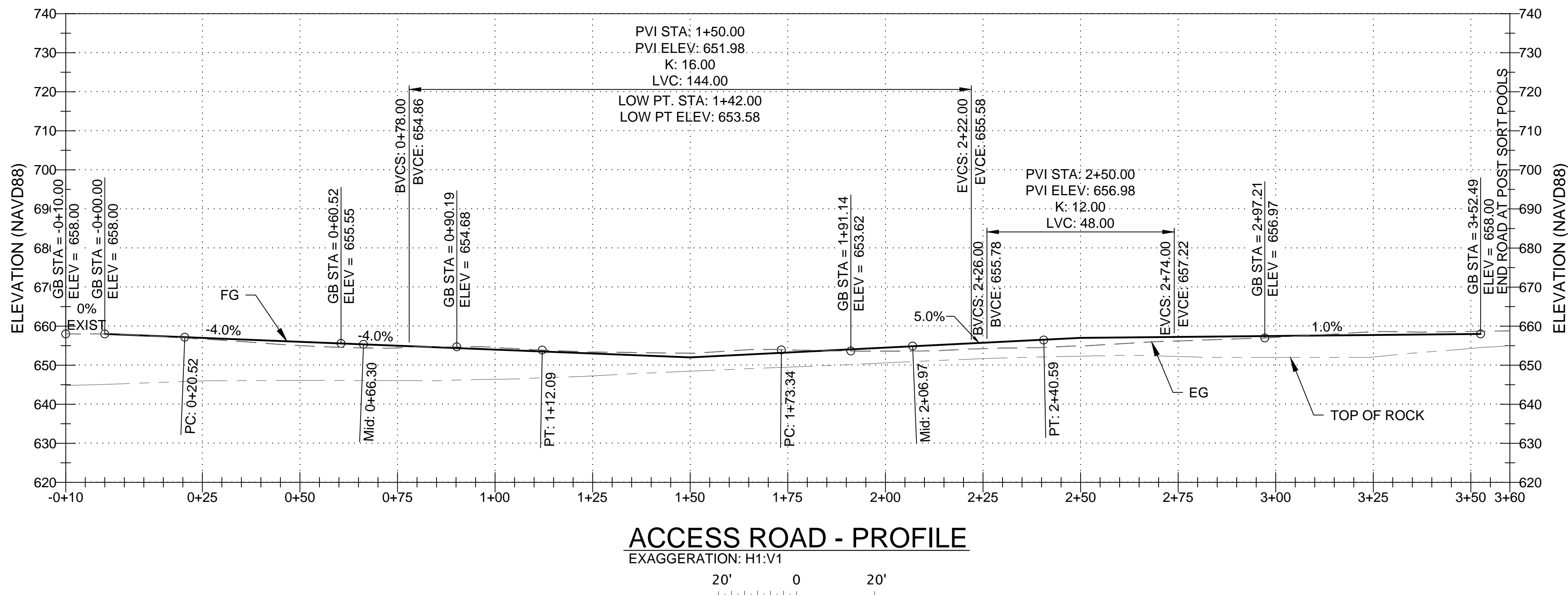
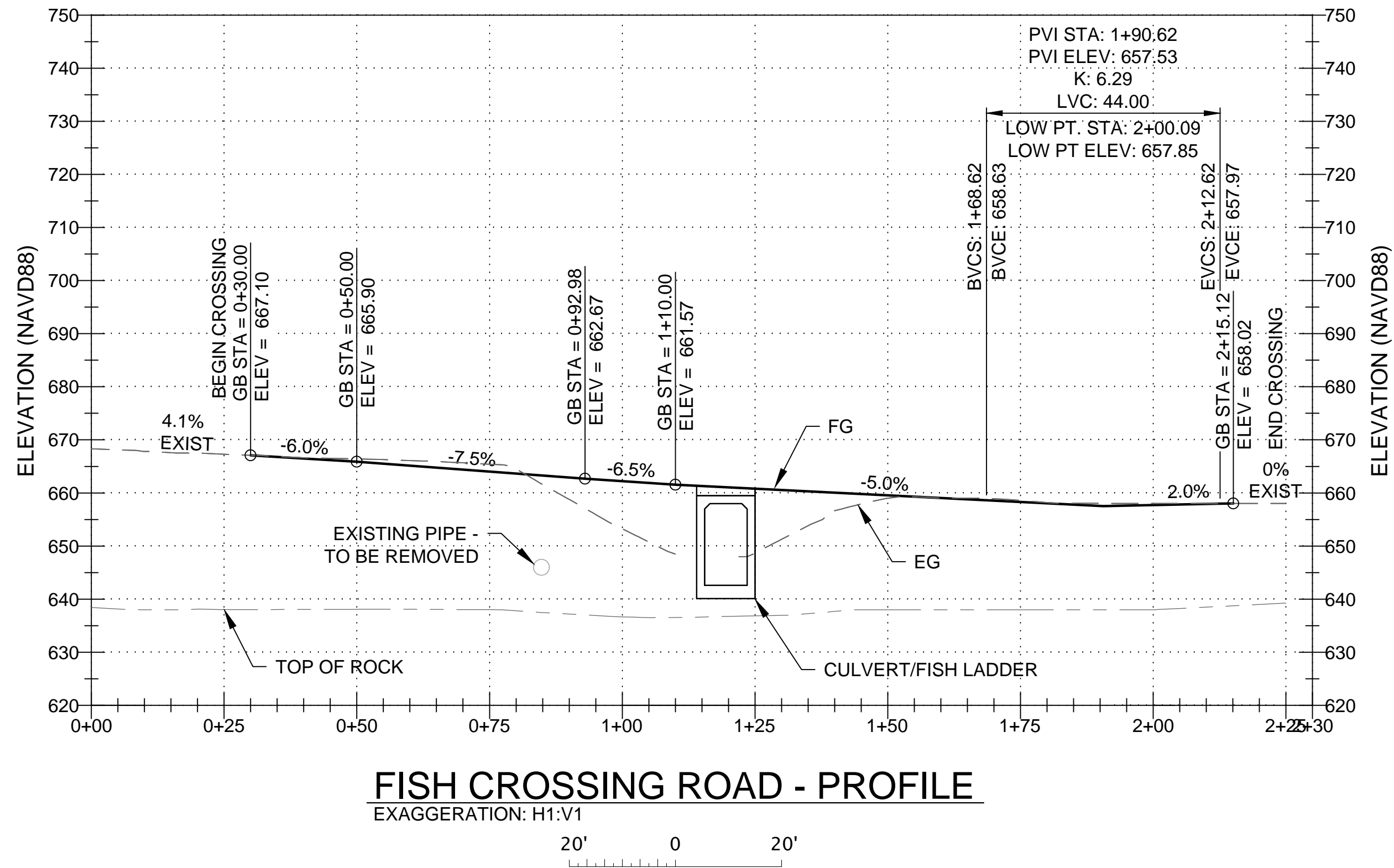
2

3

4

5

6



US Army Corps  
of Engineers  
PORTLAND DISTRICT

ADVERTISE

DESIGNED BY: DEREK R. MCCURDY, P.E.  
DRAWN BY: JEREMY S. ARPT, P.E.  
SUBMITTED BY: JEREMY S. ARPT, P.E.  
DATE: 11/17/2022  
SOLICITATION NO.: 11172022  
CONTRACT NO.:  
FILE NUMBER:  
PLOT SCALE: 1"=40'  
PLOT DATE: 11/17/2022  
FILE NAME: D:\101\CS201.dwg  
SIZE: 100K  
ANSI: F

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE  
ROAD PROFILES

SHEET  
IDENTIFICATION  
CS201



E

D

C

B

A

File Last Saved By: GREGODJANS

1

2

3

4

5

6

1/2" CHAMFER (TYP.)

6" CONCRETE PAVEMENT

4" BASE COURSE  
AGGREGATE

NOTE:  
CONCRETE PAVEMENT SHALL MEET REQUIREMENTS  
OF SPECIFICATION SECTION 03.31.01 - CAST-IN-PLACE  
STRUCTURAL CONCRETE FOR CIVIL WORKS.

## 1 CONCRETE PAVEMENT DETAIL

NTS

3" AC (2 LIFTS) OVER  
2" LEVELING COURSE (3/4"-0) OVER  
8" BASE AGGREGATE (1-1/2"-0)  
OVER SUBGRADE

1' WIDE SHOULDER  
6" AGGREGATE (3/4"-0)  
5% MAXIMUM SLOPE  
(TYP)

SUBGRADE

## A ACCESS ROAD TYPICAL SECTION

SCALE: NTS

STANDARD CURB  
PER ODOT RD 700  
H=16", 6" EXPOSURE  
(TYP)

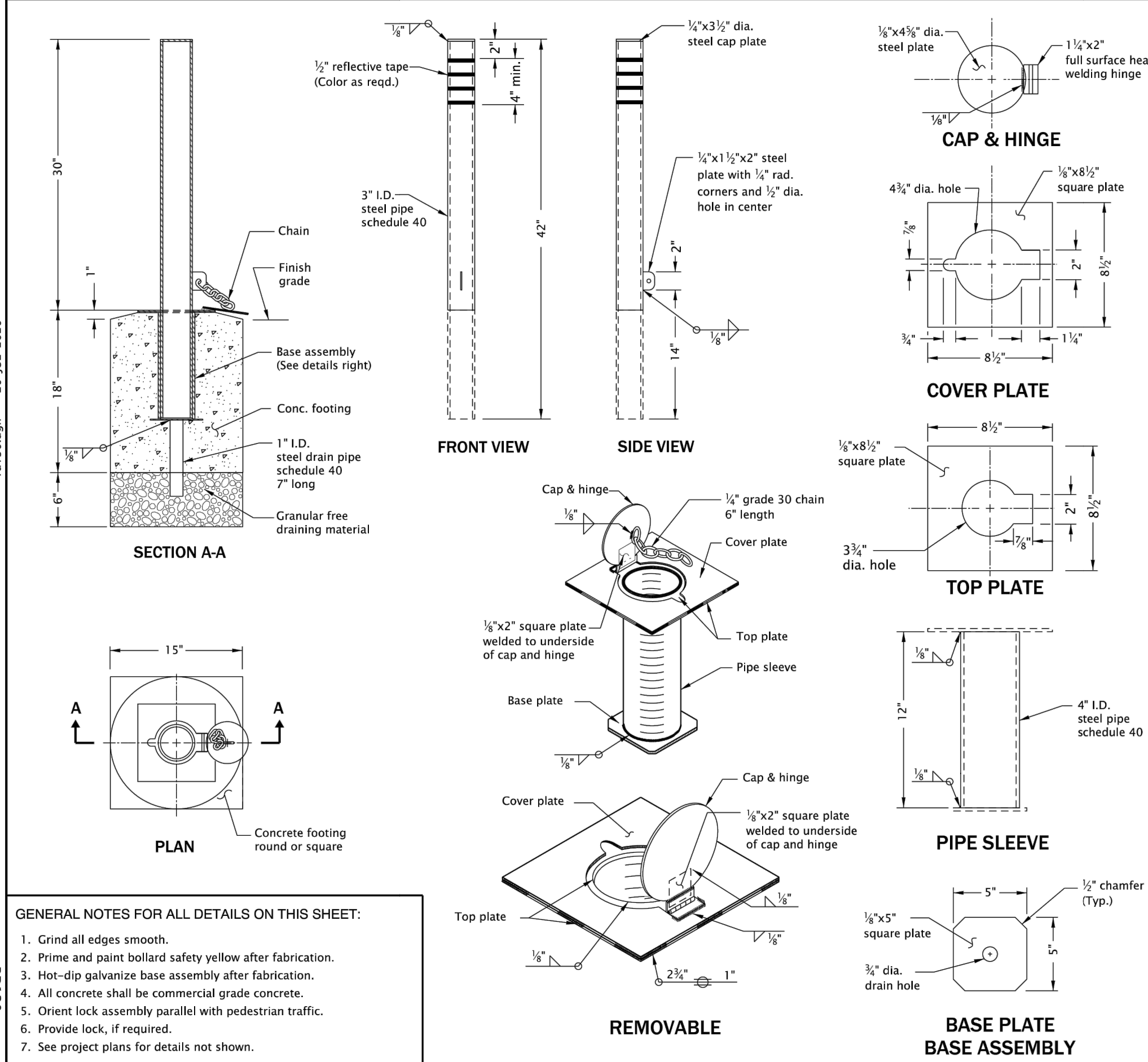
3" AC (2 LIFTS) OVER  
2" LEVELING COURSE (3/4"-0) OVER  
8" BASE AGGREGATE (1-1/2"-0)  
OVER SUBGRADE

PROVIDE 5% MAX SHOULDER  
AS NEEDED FOR FENCE AND  
GUARDRAIL. MAXIMUM 6 INCH  
CURB EXPOSURE (TYP)

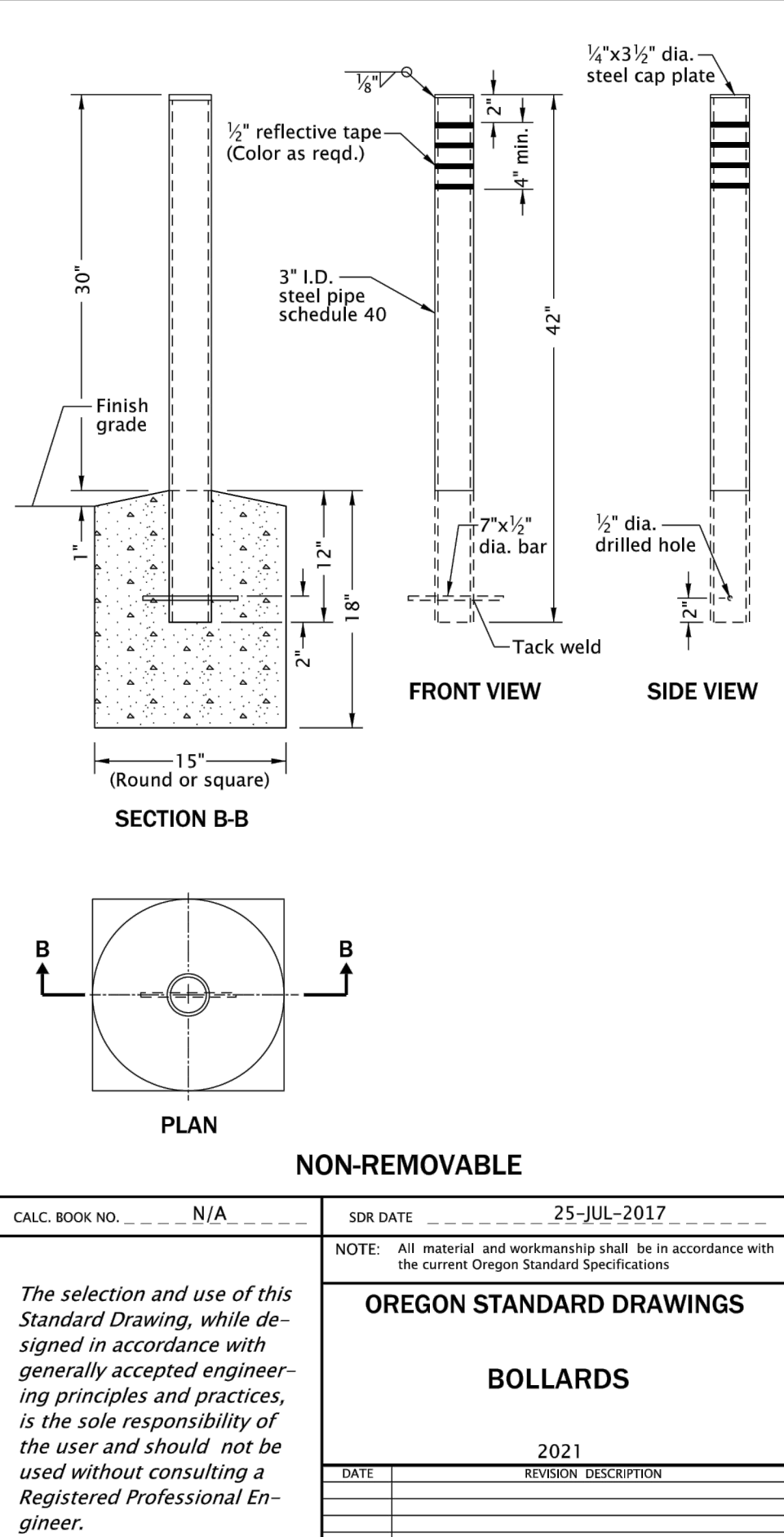
SUBGRADE

## B FISH CROSSING ROAD TYPICAL SECTION

SCALE: NTS



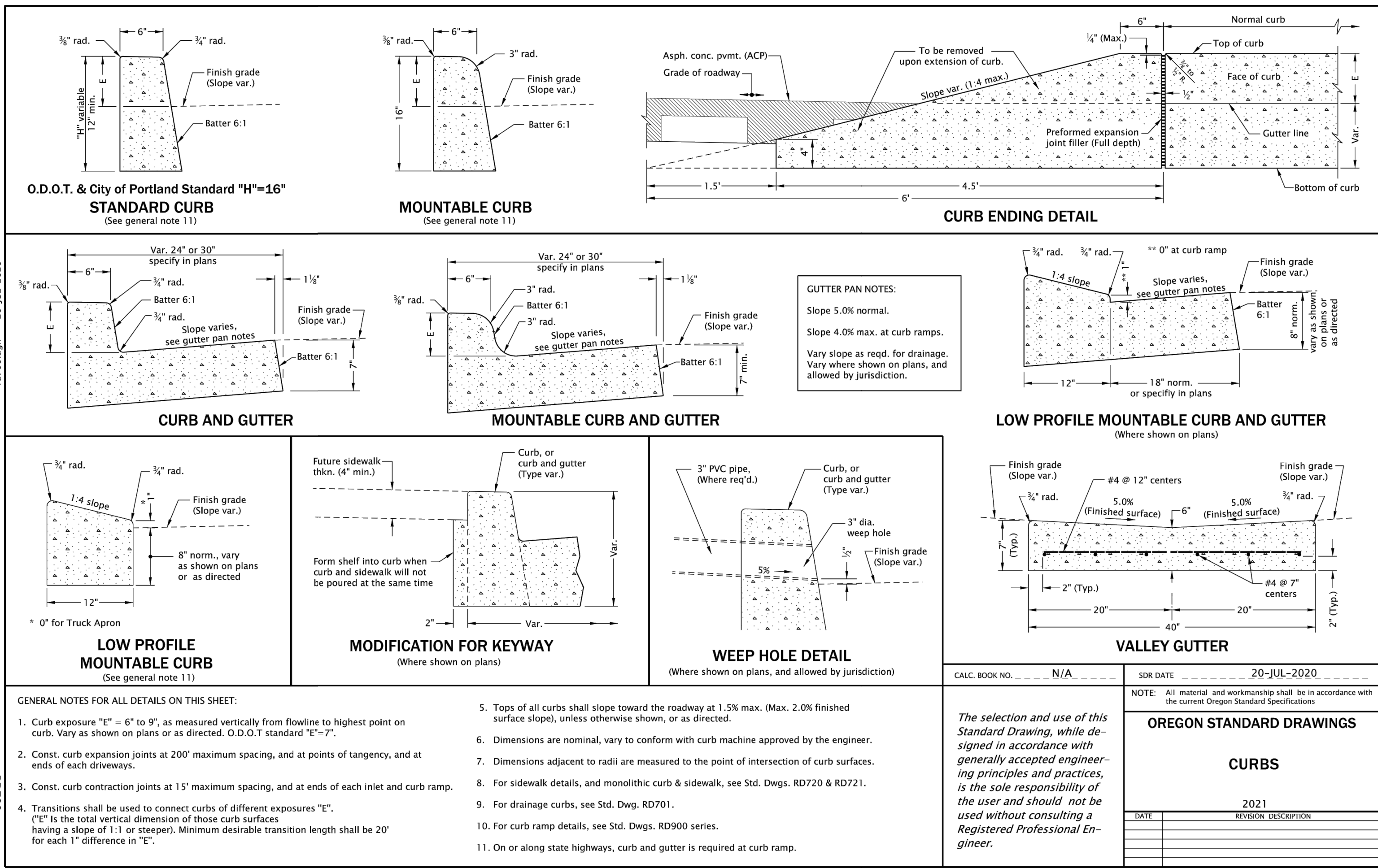
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:  
1. Grind all edges smooth.  
2. Prime and paint bollard safety yellow after fabrication.  
3. Hot-dip galvanize base assembly after fabrication.  
4. All concrete shall be commercial grade concrete.  
5. Orient lock assembly parallel with pedestrian traffic.  
6. Provide lock, if required.  
7. See project plans for details not shown.



NON-REMOVABLE  
CALC. BOOK NO. N/A  
SOR DATE 25-JUL-2017  
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.  
OREGON STANDARD DRAWINGS  
BOLLARDS  
DATE 2021  
REVISION DESCRIPTION

Effective Date: June 1, 2022 - November 30, 2022

RD130

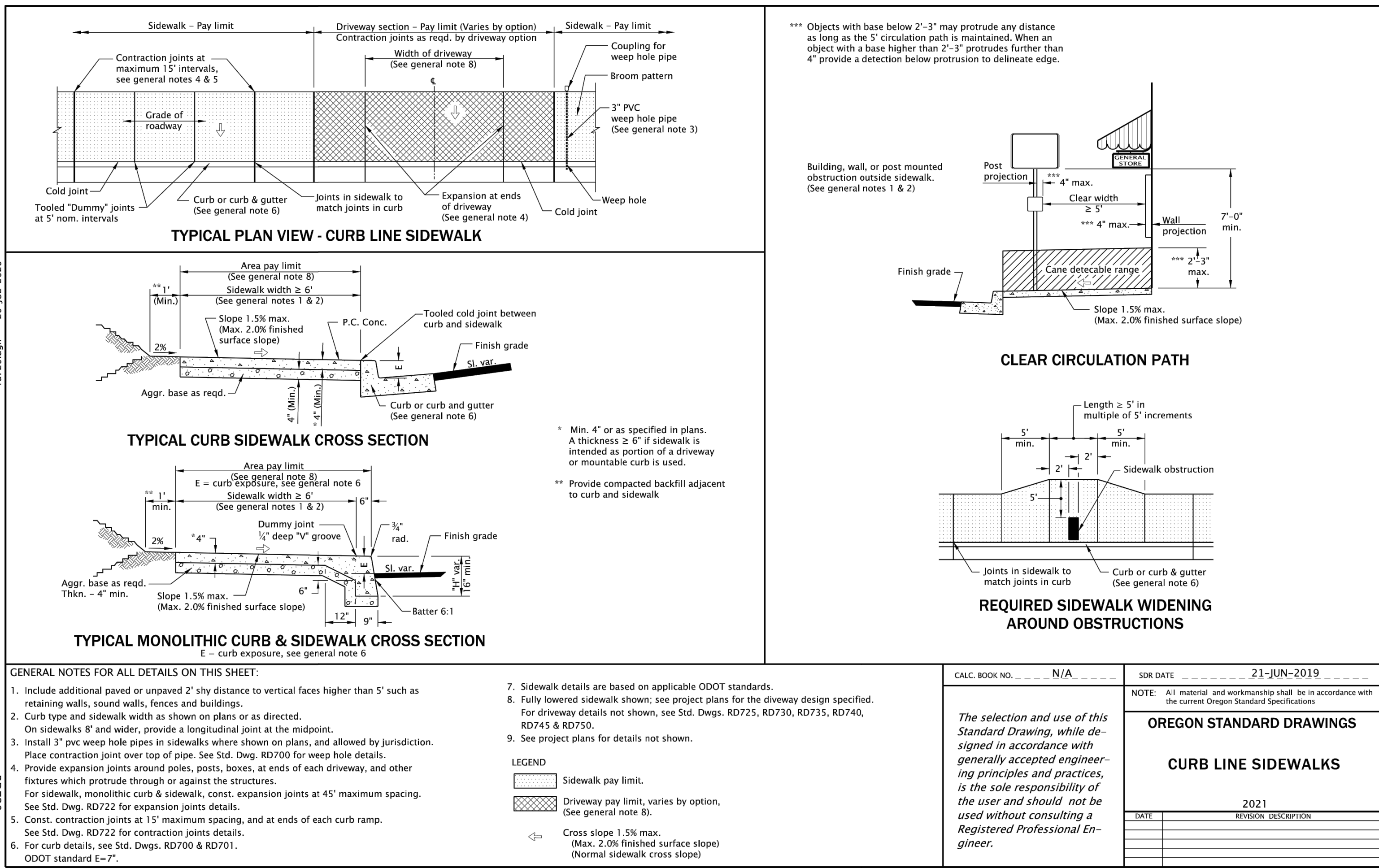


GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:  
1. Curb exposure "E" = 6" to 9", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.T. standard "E"=7".  
2. Const. curb expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveway.  
3. Const. curb contraction joints at 15' maximum spacing, and at ends of each inlet and curb ramp.  
4. Transitions shall be used to connect curbs of different exposures "E".  
5. "E" is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper. Minimum desirable transition length shall be 20' for each 1" difference in "E".  
6. Tops of all curbs shall slope toward the roadway at 1.5% max. (Max. 2.0% finished surface slope), unless otherwise shown, or as directed.  
7. Dimensions are nominal, vary to conform with curb machine approved by the engineer.  
8. For sidewalk details, and monolithic curb & sidewalk, see Std. Dwg. RD720 & RD740.  
9. For drainage curbs, see Std. Dwg. RD701.  
10. For curb ramp details, see Std. Dwg. RD900 series.  
11. On or along state highways, curb and gutter is required at curb ramp.

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 20-JUL-2020  
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.  
OREGON STANDARD DRAWINGS  
CURBS  
DATE 2021  
REVISION DESCRIPTION

Effective Date: June 1, 2022 - November 30, 2022

RD700



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:  
1. Include additional saved or unspaced 2" shy distance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.  
2. Curb type and sidewalk width as shown on plans or as directed.  
3. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.  
4. Install 5" PVC weep hole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe. See Std. Dwg. RD700 for weep hole details.  
5. Provide expansion joints around poles, posts, boxes, at ends of each driveway, and other fixtures which protrude through or against the structures.  
6. For sidewalk, monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing. See Std. Dwg. RD722 for expansion joint details.  
7. Const. contraction joints at 15' maximum spacing, and at ends of each curb ramp. See Std. Dwg. RD722 for contraction joint details.  
8. For curb details, see Std. Dwg. RD700 & RD701.  
9. ODOT standard E=7".  
10. Sidewalk details are based on applicable ODOT standards.  
11. Fully lowered sidewalk shown; see project plans for the driveway design specified. For driveway details not shown, see Std. Dwg. RD725, RD730, RD735, RD740, RD745 & RD750.  
12. See project plans for details not shown.  
LEGEND  
Sidewalk pay limit.  
Driveway pay limit, varies by option, (See general note 8).  
Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope).

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 21-JUN-2019  
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.  
OREGON STANDARD DRAWINGS  
CURB LINE SIDEWALKS  
DATE 2021  
REVISION DESCRIPTION

Effective Date: June 1, 2022 - November 30, 2022

RD720



US Army Corps  
of Engineers  
PORTLAND DISTRICT

ADVERTISE

DESIGNED BY: DEREK F. MCCURDY, P.E.  
CHECKED BY: JEREMY S. ARPT, P.E.  
DRAWN BY: JEREMY S. ARPT, P.E.  
SUBMITTED BY: JEREMY S. ARPT, P.E.  
DATE: 11/17/2022  
SOLUTION NO.: 11/17/2022  
CONTRACT NO.:  
FILE NUMBER:  
PLOT SCALE: 1"=20'-0"  
DATE: 11/17/2022  
SIZE: A  
NAME: CS501.dwg  
MARK: CS501.dwg

DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE  
PORTLAND DISTRICT  
PORTLAND, OREGON  
SITE DETAILS 1

SHEET  
IDENTIFICATION  
CS501

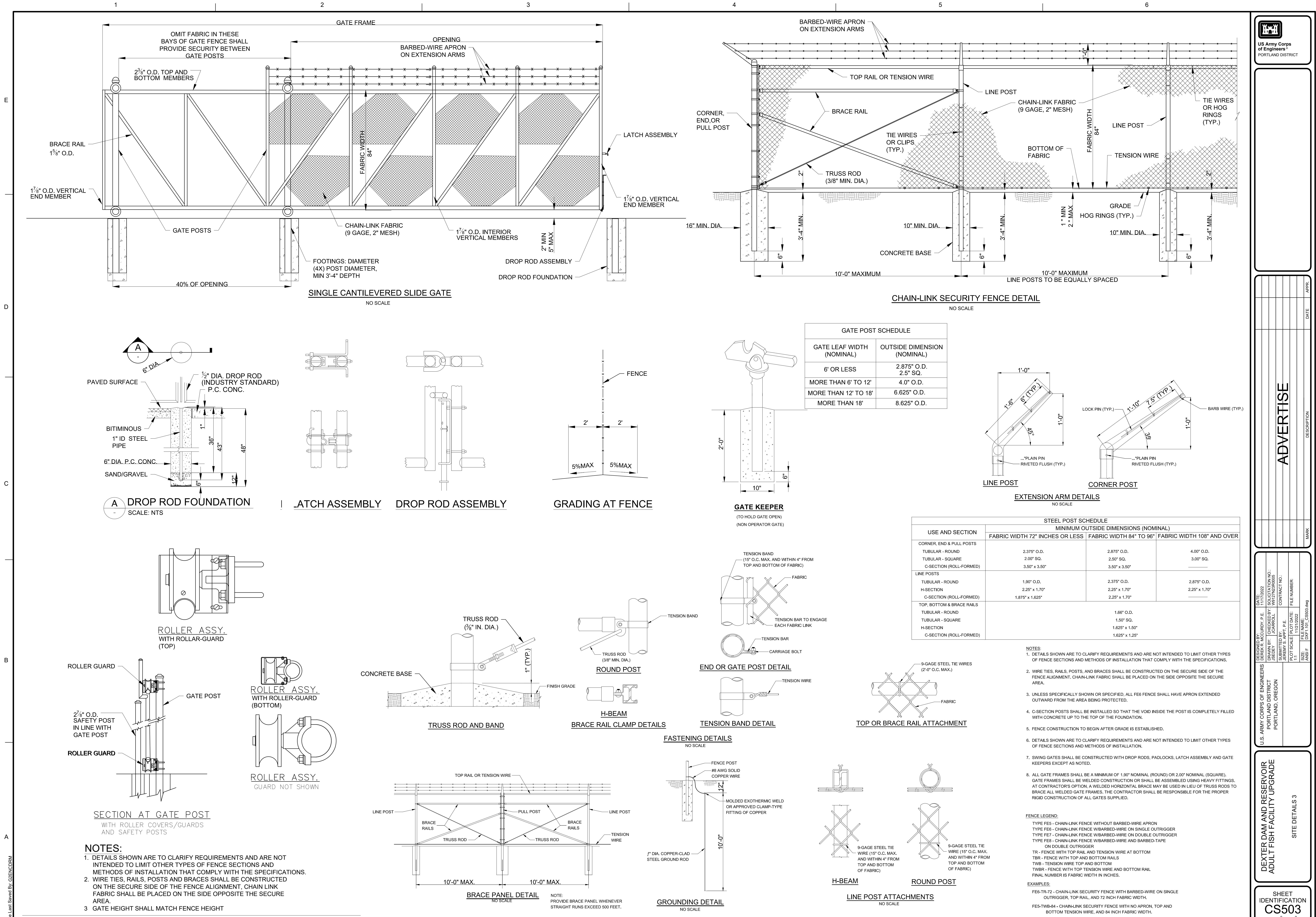




RD770

RD771





US Army Corps of Engineers  
PORTLAND DISTRICT

ADVERTISE

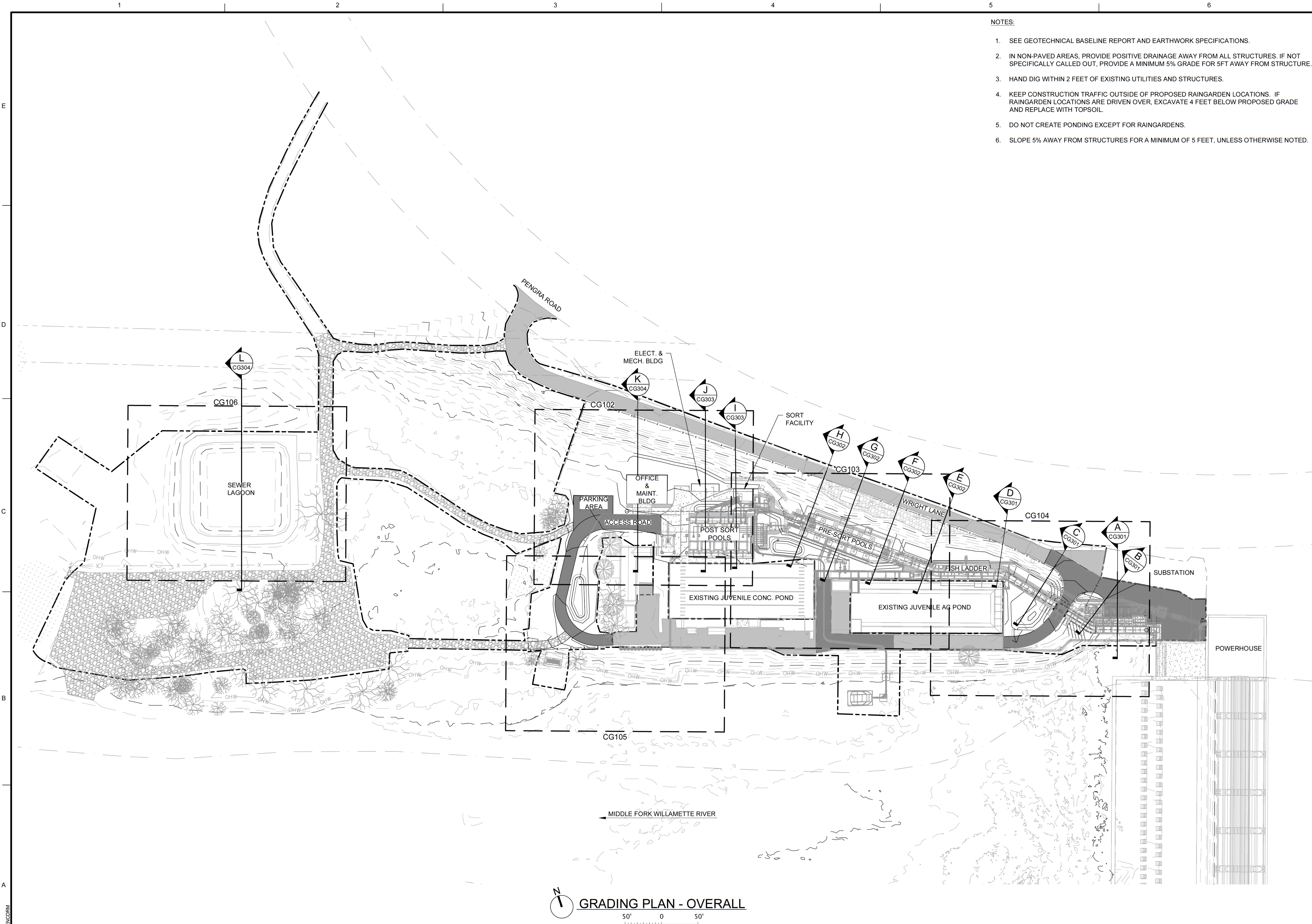
DESIGNED BY: DEREK F. MCCURDY, P.E.  
DATE: 11/17/2022  
DRAWN BY: JEREMY S. APPT, P.E.  
CHECKED BY: JEREMY S. APPT, P.E.  
SUBMITTED BY: JEREMY S. APPT, P.E.  
U.S. ARMY CORPS OF ENGINEERS  
PORTLAND DISTRICT  
PORTLAND, OREGON

DESIGNER'S NO.: 11172022  
CONTRACT NO.:  
FILE NUMBER:  
PLOT SCALE: 1" = 10'-0"  
PLOT DATE: 11/17/22  
FILE NAME: D:\F101\CS503.dwg  
SIZE: 100K  
ANSI: F

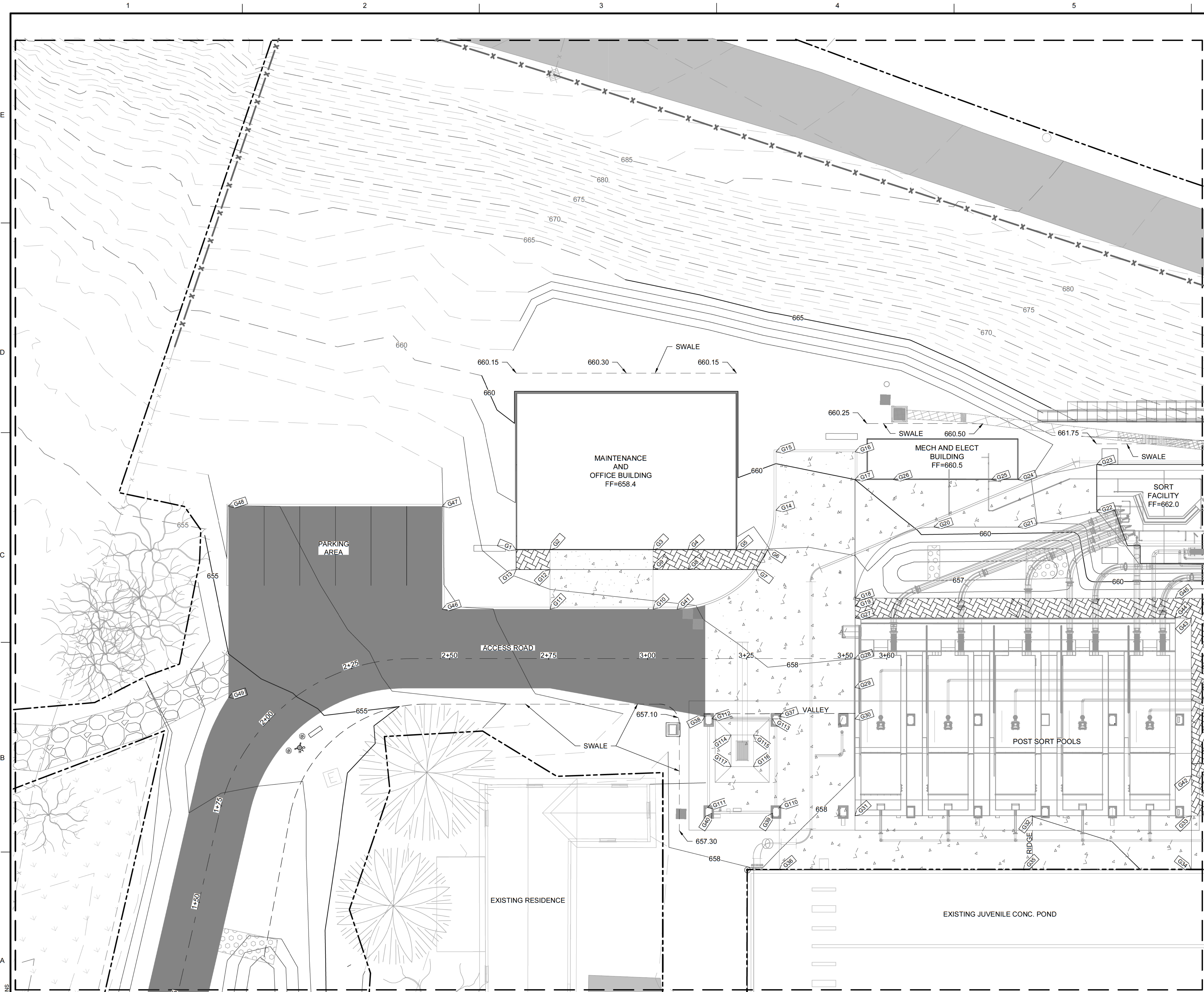
SHEET IDENTIFICATION  
CS503

SITE DETAILS 3









File Last Saved By: GREGD.JNS

A  
B  
C  
D  
E

1

2

3

4

5

6



GRADING PLAN - ENLARGED VIEW 1

SCALE: 1" = 10'  
10' 0 10'

GRADING CONTROL POINTS			
KEY	NORTHING	EASTING	ELEVATION
G1	831608.16	4313154.15	658.40
G2	831605.47	4313162.30	658.40
G3	831597.31	4313186.99	658.40
G4	831594.53	4313195.38	658.40
G5	831590.68	4313207.01	658.76
G6	831588.20	4313214.52	659.00
G7	831584.37	4313210.18	658.80
G8	831589.78	4313193.81	658.30
G9	831592.56	4313185.42	658.30
G10	831583.06	4313182.28	657.74
G11	831591.23	4313157.59	657.48
G12	831600.72	4313160.73	658.30
G13	831603.42	4313152.58	658.30
G14	831597.04	4313219.64	659.41
G15	831611.07	4313224.28	660.15
G16	831604.79	4313243.27	660.35
G17	831598.12	4313241.06	660.00
G18	831569.63	4313231.75	658.44
G19	831567.74	4313231.02	658.37
G20	831580.45	4313256.28	662.26
G21	831573.80	4313276.38	660.68
G22	831571.19	4313296.49	662.00
G23	831582.57	4313300.26	662.00
G24	831585.19	4313280.14	660.80
G25	831587.29	4313273.80	660.50
G26	831595.09	4313250.24	660.50
G27	831564.90	4313230.14	658.27
G28	831555.16	4313228.85	658.00
G29	831548.25	4313224.57	657.85
G30	831540.69	4313222.07	657.73
G31	831517.44	4313214.38	658.10
G32	831503.36	4313256.96	658.16
G33	831490.75	4313295.08	657.73
G34	831477.75	4313290.79	657.87
G35	831491.07	4313250.45	658.30
G36	831510.44	4313191.94	658.05
G37	831547.34	4313204.15	657.51
G38	831553.25	4313186.27	657.36
G39	831524.62	4313194.81	657.83
G40	831529.41	4313180.23	657.36
G41	831581.15	4313188.05	657.80
G42	831500.32	4313298.25	657.93
G43	831538.23	4313310.78	658.33
G44	831539.50	4313306.93	658.33
G45	831544.25	4313308.50	658.23
G46	831599.78	4313131.72	656.41
G47	831624.47	4313139.89	656.93
G48	831641.42	4313088.62	655.75
G49	831595.58	4313073.46	654.78
G110	831525.47	4313196.82	658.33
G111	831531.11	4313179.65	657.86
G112	831552.08	4313187.72	657.86
G113	831547.24	4313202.27	658.01
G114	831546.69	4313191.03	657.00
G115	831544.91	4313196.41	657.00
G116	831537.31	4313193.90	657.00
G117	831539.09	4313188.52	657.00

NOTE: GRADING POINTS G110 THROUGH G113 ARE TOP OF CURB.



DEXTER DAM AND RESERVOIR  
ADULT FISH FACILITY UPGRADE

SHEET  
IDENTIFICATION  
CG102

DESIGNED BY: DEREK F. MCCURDY, P.E.  
DRAWN BY: JEREMY S. ARPT, P.E.  
CHECKED BY: JEREMY S. ARPT, P.E.  
SUBMITTED BY: JEREMY S. ARPT, P.E.  
DATE: 11/17/2022  
SOLICITATION NO.: 2022-001  
CONTRACT NO.: 2022-001  
FILE NUMBER: DNF 101 CG102.dwg  
SIZE: ANSIF

ADVERTISE

MARK

DATE

APPR.



