

DEVELOPER:  
BLACK FOREST DEVELOPMENT, LLC  
545 SOUTH VALLEY VIEW DRIVE #133  
ST. GEORGE, UTAH 84770

SURVEYOR:  
RYAN ERICKSON, PLS  
EGR & ASSOCIATES, INC.  
2535B PRAIRIE ROAD  
EUGENE, OREGON 97402  
(541) 688-8322  
EMAIL: r.erickson@egrassoc.com

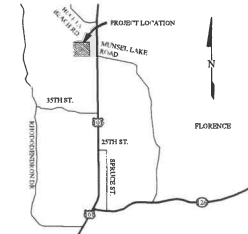
CIVIL ENGINEER:  
CLINT BEECROFT, P.E.  
EGR & ASSOCIATES, INC.  
2535B PRAIRIE ROAD  
EUGENE, OREGON 97402  
(541) 688-8322  
EMAIL: clintbeecroft@egrassoc.com

# THREE MILE PRAIRIE SUBDIVISION - PHASE 1

## CONSTRUCTION DRAWINGS

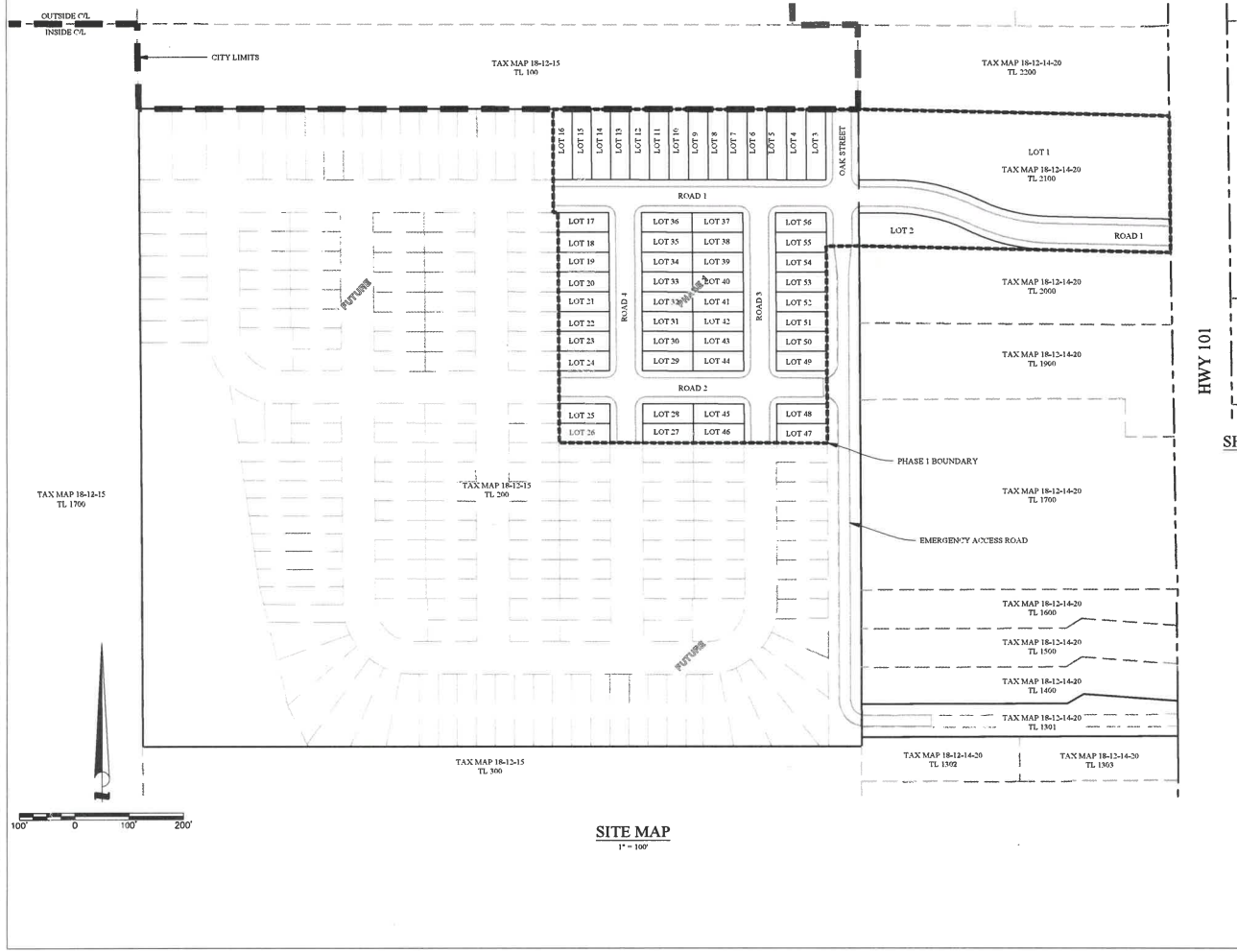
ASSESSOR'S TAX MAP 18-12-14-20, TAX LOT 2100  
ASSESSOR'S TAX MAP 18-12-15-00, TAX LOT 200  
FLORENCE, LANE COUNTY, OREGON  
PRELIMINARY SUBDIVISION PC 18 49 SUB 03  
JANUARY 2021

Exhibit I



VICINITY MAP  
N.T.S.

**APPROVED**  
**City of Florence**  
**Department**  
**PC 20 31 SUB 03**  
**File Number**  
**Exhibit**



HWY 101

### SHEET INDEX

- GENERAL**
- G1 COVER SHEET, SHEET INDEX, VICINITY MAP AND SITE MAP
  - G2 LEGEND, ABBREVIATIONS, NOTES AND TYPICAL SECTIONS
  - G3 EXISTING CONDITIONS SITE MAP
  - G4 COORDINATE GEOMETRY AND SURVEY CONTROL
  - G5 STORMWATER MANAGEMENT SITE PLAN AND DESIGN BASIS
  - G6 JOINT UTILITY SITE PLAN AND TYPICAL JOINT TRENCH
  - G7 PHASE 1 GRADING PLAN - OVERALL GRADING CONTOURS
  - G8 PHASE 1 GRADING PLAN - CROSS SECTIONS A THROUGH E
  - G9 PHASE 1 GRADING PLAN - CROSS SECTIONS F THROUGH J
  - G10 PHASE 1 GRADING PLAN - SAND CHANNEL PLAN AND PROFILES
  - G11 PHASE 1 GRADING PLAN - SAND CHANNEL END DETAILS
- CIVIL PLANS**
- C1 ROAD 1 PLAN AND PROFILE - STATION 8+50 TO STATION 12+50
  - C2 ROAD 1 PLAN AND PROFILE - STATION 12+50 TO STATION 16+50
  - C3 ROAD 1 PLAN AND PROFILE - STATION 16+50 TO STATION 20+50
  - C4 ROAD 2 PLAN AND PROFILE - STATION 10+00 TO STATION 13+50
  - C5 ROAD 2 PLAN AND PROFILE - STATION 13+50 TO STATION 17+00
  - C6 OAK STREET PLAN AND PROFILE - STATION 1+00 TO STATION 6+50
  - C7 ROAD 3 PLAN AND PROFILE - STATION 0+70 TO STATION 6+00
  - C8 ROAD 4 PLAN AND PROFILE - STATION 0+70 TO STATION 6+00
  - C9 EMERGENCY ACCESS ROAD - STATION 3+50 TO STATION 9+25
  - C10 EMERGENCY ACCESS ROAD - STATION 9+25 TO STATION 13+75
  - C11 EMERGENCY ACCESS ROAD - STATION 13+75 TO END
  - C12 SIDEWALK ACCESS RAMP DETAILS - OAK STREET AND ROAD 1 INTERSECTION
  - C13 SIDEWALK ACCESS RAMP DETAILS - ROAD 1 AND ROAD 3 INTERSECTION
  - C14 SIDEWALK ACCESS RAMP DETAILS - ROAD 1 AND ROAD 4 INTERSECTION
  - C15 SIDEWALK ACCESS RAMP DETAILS - ROAD 2 AND ROAD 3 INTERSECTION
  - C16 SIDEWALK ACCESS RAMP DETAILS - ROAD 2 AND ROAD 4 INTERSECTION
- CIVIL DETAILS**
- CD1 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 1
  - CD2 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 2
  - CD3 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 3
  - CD4 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 4
  - CD5 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 5
  - CD6 STANDARD DRAWINGS AND DETAILS - CIVIL DETAILS 6

**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2535B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8007



THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
COVER SHEET, SHEET INDEX,  
VICINITY MAP AND SITE MAP  
FLORENCE, OREGON

No	Name	Date	Description of Revisions

Date	01-25-2021	Drawn by	C. BEECROFT	Checked by	C. BEECROFT
Job Number	6885-18-0154	Design by	C. BEECROFT		

Sheet Number

G1

GENERAL NOTES

- 1. CONSTRUCTION OF ALL PUBLIC AND PRIVATE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE 2018 "OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND CITY OF FLORENCE REQUIREMENTS.
2. THE EROSION PREVENTION MEASURES DESCRIBED IN THE EROSION PREVENTION PERMIT ISSUED FOR THIS SITE SHALL BE IN PLACE PRIOR TO START OF WORK.
3. PRIOR TO ANY SITE DISTURBANCE A PRE-CONSTRUCTION EROSION PREVENTION SITE VISIT IS REQUIRED WITH THE CONTRACTOR, THE EROSION INSPECTOR AND THE CONSULTING ENGINEER.
...
17. LOCATION AND DESCRIPTION OF EXISTING UTILITIES ARE BASED ON AVAILABLE RECORDS AND THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES

- 1. EARTHWORK
A. EXCAVATE MATERIALS ABOVE SUBGRADE ELEVATIONS AND TO LINES AND DIMENSIONS INDICATED. REMOVE UNSUITABLE MATERIAL FROM BELOW SUBGRADE AS NEEDED OR DIRECTED. AT A MINIMUM REMOVE THE UPPER 6-INCHES OF TOPSOIL AND VEGETATION FROM THE AREA OF EARTHWORK.
B. WHERE THE CONTRACTOR IS UNABLE TO ACHIEVE SUB-GRADE COMPACTION AND DEFLECTION STANDARDS REQUIRED BY THE SPECIFICATIONS, AS DETERMINED BY FIELD INSPECTION AND TESTING, THE SUB-GRADE SURFACE SHALL BE LOWERED AT LEAST 6 INCHES. FABRIC SHALL BE PLACED, AND THE MATERIAL REMOVED SHALL BE REPLACED WITH 1 1/2"-0 CRUSHED ROCK AND COMPACTED ACCORDING TO THE SPECIFICATIONS.
...
5. SEEDING
A. SEEDING FOR THIS PROJECT SHALL CONSIST OF FURNISHING AND INSTALLING NATIVE UPLAND GRASS MIX AS INDICATED.
B. TEMPORARY AND PERMANENT SEEDING SHALL BE FURNISHED AND INSTALLED AS FULLY DESCRIBED IN SECTION 01030 OF THE 2015 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

GENERAL WASTEWATER NOTES

- 1. WASTEWATER PIPE AND FITTINGS SHALL BE PVC, SDR 35 IN CONFORMANCE TO ASTM D3034.
2. ALL CLEANOUTS CONSTRUCTED INSIDE OF THE PUBLIC RIGHT-OF-WAYS AND PUBLIC UTILITY EASEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF FLORENCE PUBLIC WORKS DEPARTMENT REQUIREMENTS.
3. ALL PLASTIC WASTEWATER PIPE TO MANHOLE CONNECTIONS SHALL USE A FLEXIBLE MANHOLE BOOT ADAPTOR (OR OTHER APPROVED METHOD).
4. ALL OTHER MANHOLE CONNECTIONS SHALL BE FACTORY SUPPLIED CONNECTORS WITH NON-SHRINK GROUT, EXCEPT IN THE CASE OF MANHOLES OVER EXISTING LINES.
5. GROUT FOR TOP OF MANHOLE FRAMES SHALL BE NON-SHRINK GROUT.
6. TONE WIRE SHALL BE PLACED OVER ALL WASTEWATER PIPES AND LATERALS.
7. CONTRACTOR TO SEAL COAT WASTEWATER MANHOLE PRIOR TO VACUUM TESTING.

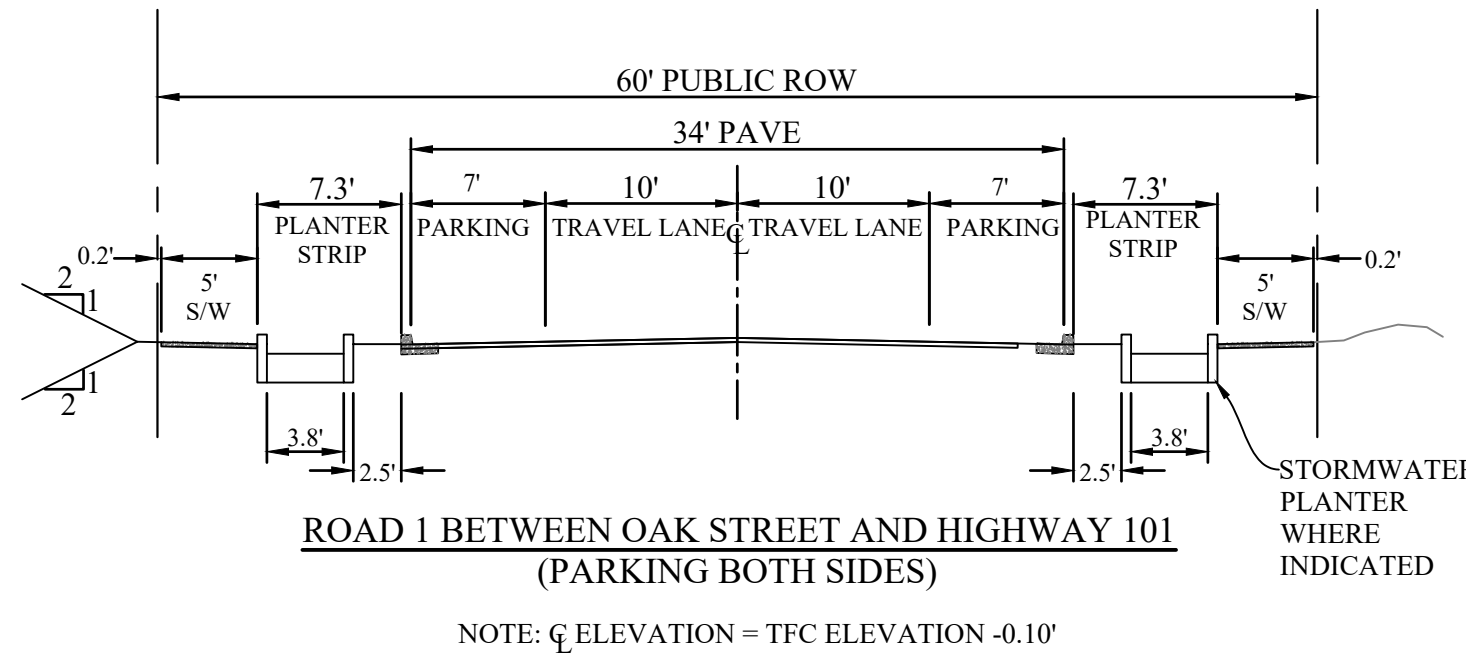
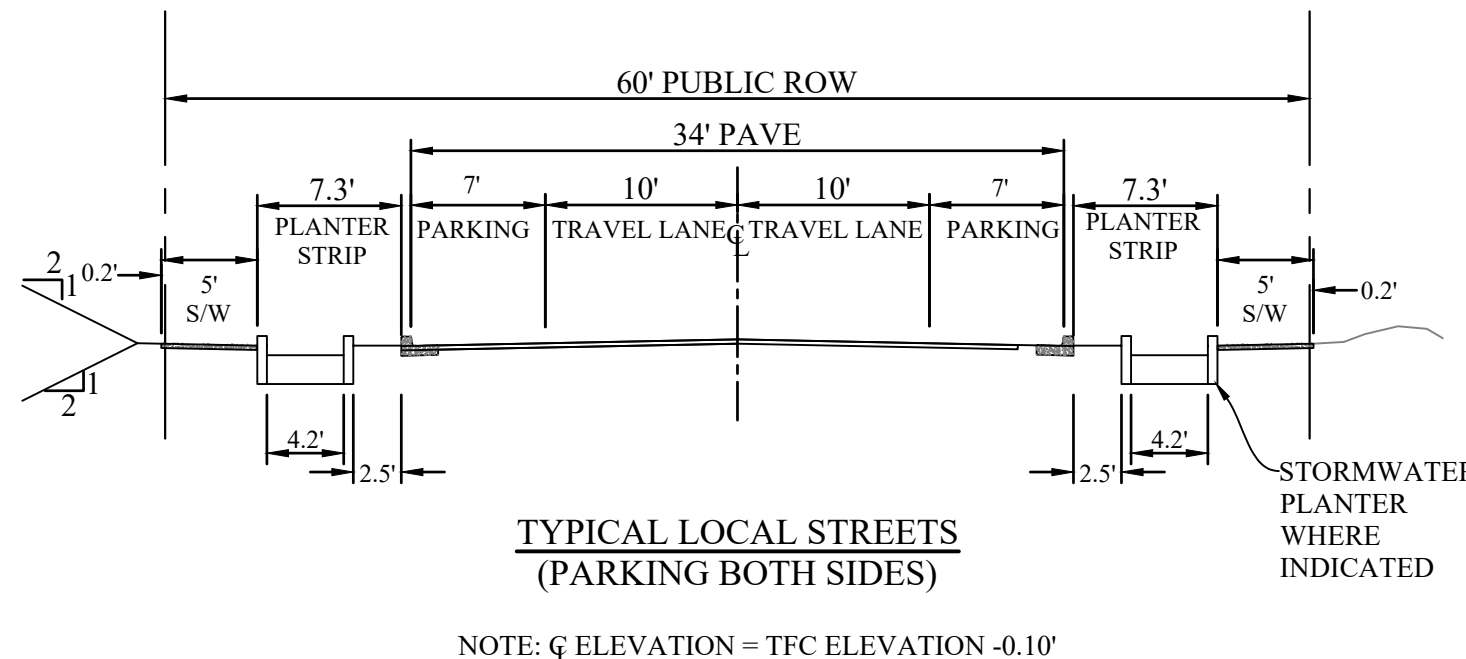
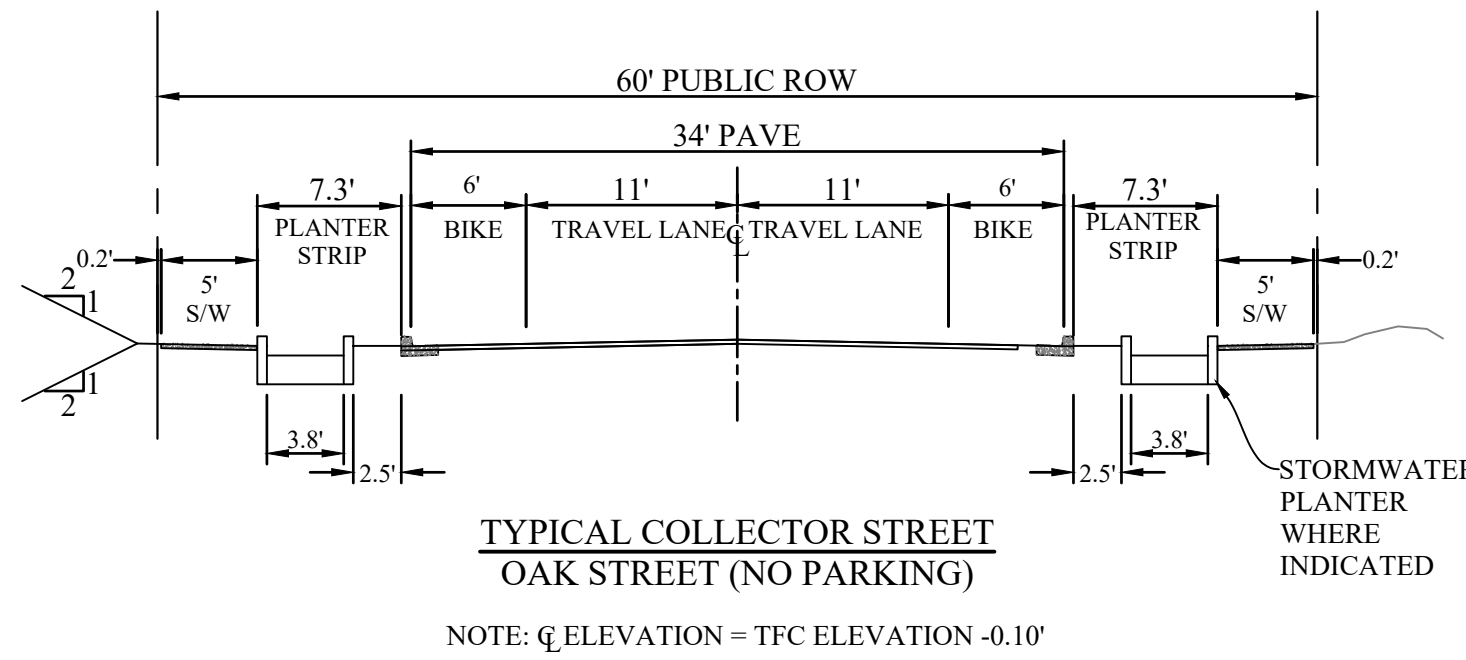
GENERAL STORM WATER NOTES

- 1. STORM WATER PIPE SHALL BE PVC OR OTHER APPROVED PIPE MATERIAL IN CONFORMANCE WITH SECTION 00445.11 OF THE STANDARD SPECIFICATIONS.
2. GROUT SHALL BE NON-SHRINK GROUT.
3. TONE WIRE SHALL BE PLACED OVER ALL STORMWATER PIPES.

GENERAL WATER NOTES

- 1. WATER PIPE AND FITTINGS SHALL BE DUCTILE IRON IN CONFORMANCE WITH SECTION 02470 OF THE 2015 OREGON STANDARD SPECIFICATIONS.
2. PROVIDE THRUST BLOCKS AT ALL VALVES AND FITTINGS. THRUST BLOCKS SHALL BE REVIEWED BY THE CITY AND ENGINEER PRIOR TO PLACING BACKFILL OVER THE THRUST BLOCKS.
3. COMPLETED WATER SYSTEM SHALL BE FILLED, FLUSHED, DISINFECTED, AND LEAK TESTED IN CONFORMANCE WITH SECTION 01140 OF THE 2018 OREGON STANDARD SPECIFICATIONS.
...
6. WATER VALVES SHALL BE GATE VALVES. FURNISH AND INSTALL WATER VALVES IN ACCORDANCE WITH SECTION 02480 OF THE 2018 OREGON STD SPECIFICATIONS.

TYPICAL STREET SECTIONS



LEGEND

LEGEND (PROPOSED):

- Proposed Wastewater Manhole (WW symbol)
Proposed Cleanout (C symbol)
Proposed Sign (S symbol)
Proposed Water Meter (M symbol)
Proposed Water Valve (V symbol)
Proposed Hydrant (H symbol)
Proposed Street Light (L symbol)
Proposed Planter Inlets (PI symbol)
Proposed Curb Inlet (CI symbol)
Proposed Wastewater Pipe (8" WW)
Proposed Utility Joint Trench (H20)
Proposed Water Pipe (8" H2O)
Proposed Storm Pipe (10" SD)
Proposed Planter (P symbol)
Proposed Curb (C symbol)

LEGEND (EXISTING):

- Existing Wastewater Pipe (ww)
Existing Water Pipe (H2O)
Existing Telephone (T)
Existing Overhead Electric (E)
Existing Hydrant (H symbol)

STANDARD ABBREVIATIONS: (NOT ALL ABBREVIATIONS ARE USED)

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes entries like @ AT MIN, AB ARC M.J., AC ABANDONED UTILITY M.J., AGG AGGREGATE MAT., etc.

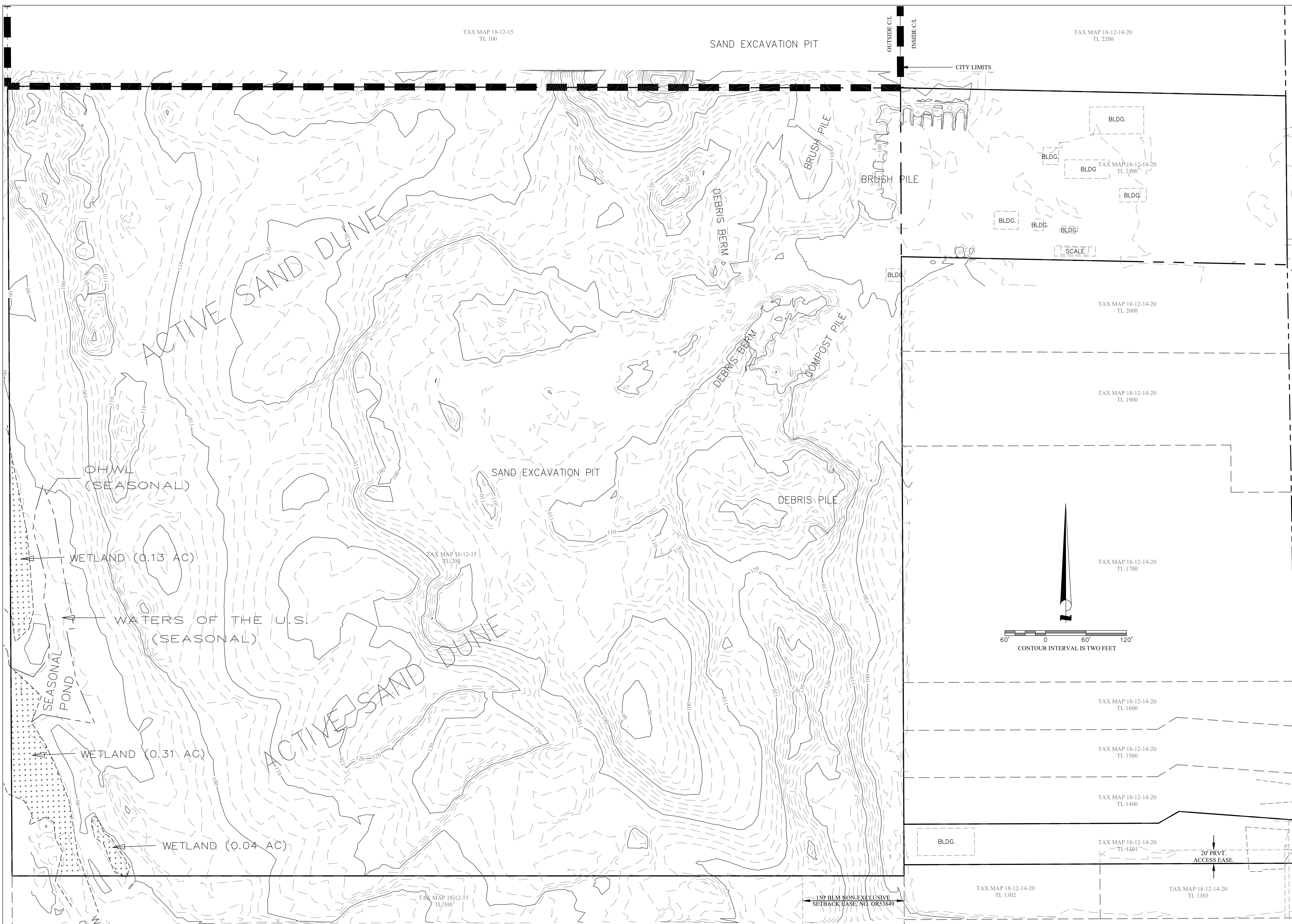
EGR & Associates, Inc. Engineers, Geologists, and Surveyors
2555B Prairie Road
Eugene, Oregon 97402
(541) 688-8322
Fax: (541) 688-8057



THREE MILE PRAIRIE SUBDIVISION
PHASE 1 CONSTRUCTION DRAWINGS
LEGEND, ABBREVIATIONS,
NOTES AND TYPICAL SECTIONS
FLORENCE, OREGON

Table with 4 columns: Date, Job Number, Design by, Drawn by, Checked by. Includes revision table with columns: No, Description of Revisions, Date.

Jan 29, 2021 - 10:07am  
18-0134-15.dwg [18-0134-LINEWORK] [18-0134-LINEWORK.dwg] [18-0134-XS] [18-0134-XS.dwg]  
S:\Projects\18-0134-15.dwg [18-0134-15.dwg] [18-0134-15.dwg] [18-0134-15.dwg]  
S:\Projects\18-0134-15.dwg [18-0134-15.dwg] [18-0134-15.dwg] [18-0134-15.dwg]



**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2555B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8057

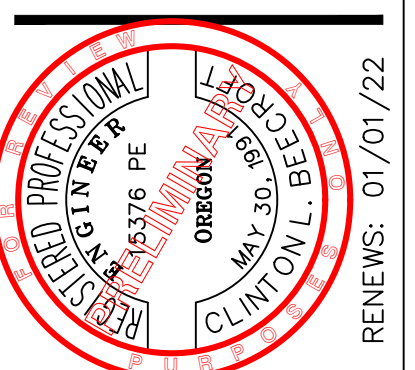
**THREE MILE PRAIRIE SUBDIVISION  
PHASE I CONSTRUCTION DRAWINGS  
EXISTING CONDITIONS  
SITE MAP  
FLORENCE, OREGON**

No	Description of Revisions	Date	Name

Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

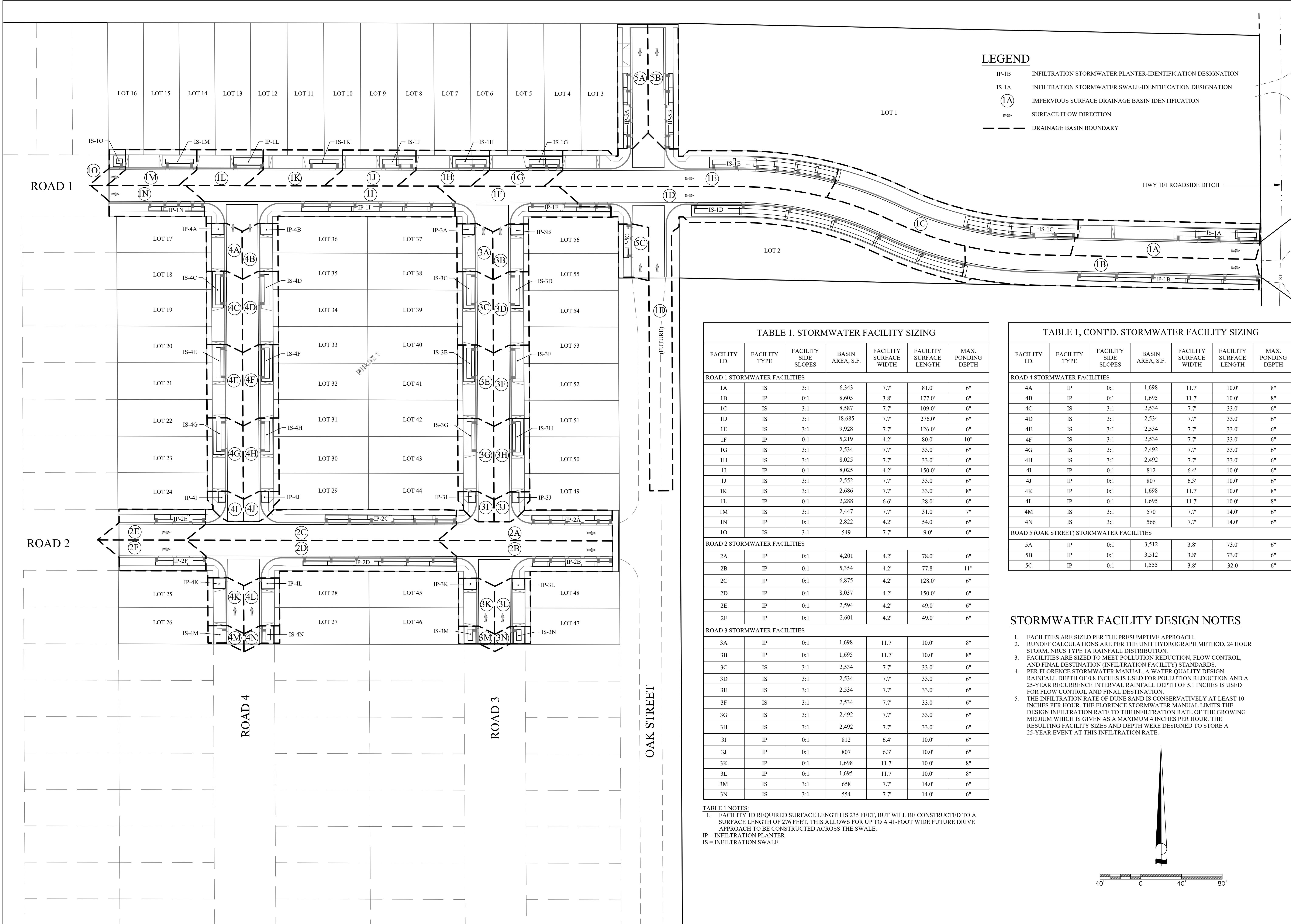
Sheet Number  
**G3**





**THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
STORMWATER MANAGEMENT  
SITE PLAN AND DESIGN BASIS  
FLORENCE, OREGON**

Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			



**LEGEND**

- IP-1B INFILTRATION STORMWATER PLANTER-IDENTIFICATION DESIGNATION
- IS-1A INFILTRATION STORMWATER SWALE-IDENTIFICATION DESIGNATION
- IA IMPERVIOUS SURFACE DRAINAGE BASIN IDENTIFICATION
- ➔ SURFACE FLOW DIRECTION
- - - DRAINAGE BASIN BOUNDARY

**TABLE 1. STORMWATER FACILITY SIZING**

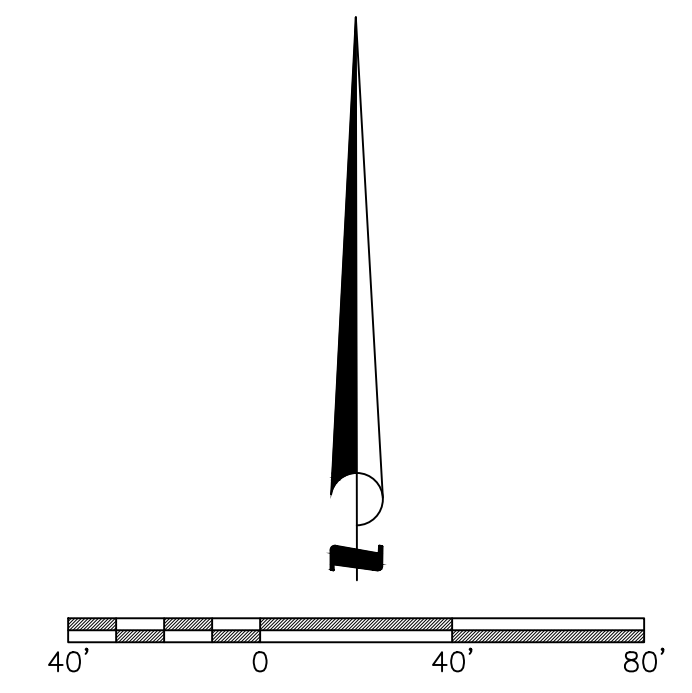
FACILITY I.D.	FACILITY TYPE	FACILITY SIDE SLOPES	Basin Area, S.F.	FACILITY SURFACE WIDTH	FACILITY SURFACE LENGTH	MAX. PONDING DEPTH
<b>ROAD 1 STORMWATER FACILITIES</b>						
1A	IS	3:1	6,343	7.7'	81.0'	6"
1B	IP	0:1	8,605	3.8'	177.0'	6"
1C	IS	3:1	8,587	7.7'	109.0'	6"
1D	IS	3:1	18,685	7.7'	276.0'	6"
1E	IS	3:1	9,928	7.7'	126.0'	6"
1F	IP	0:1	5,219	4.2'	80.0'	10"
1G	IS	3:1	2,534	7.7'	33.0'	6"
1H	IS	3:1	8,025	7.7'	33.0'	6"
1I	IP	0:1	8,025	4.2'	150.0'	6"
1J	IS	3:1	2,552	7.7'	33.0'	6"
1K	IS	3:1	2,686	7.7'	33.0'	8"
1L	IP	0:1	2,288	6.6'	28.0'	6"
1M	IS	3:1	2,447	7.7'	31.0'	7"
1N	IP	0:1	2,822	4.2'	54.0'	6"
1O	IS	3:1	549	7.7'	9.0'	6"
<b>ROAD 2 STORMWATER FACILITIES</b>						
2A	IP	0:1	4,201	4.2'	78.0'	6"
2B	IP	0:1	5,354	4.2'	77.8'	11"
2C	IP	0:1	6,875	4.2'	128.0'	6"
2D	IP	0:1	8,037	4.2'	150.0'	6"
2E	IP	0:1	2,594	4.2'	49.0'	6"
2F	IP	0:1	2,601	4.2'	49.0'	6"
<b>ROAD 3 STORMWATER FACILITIES</b>						
3A	IP	0:1	1,698	11.7'	10.0'	8"
3B	IP	0:1	1,695	11.7'	10.0'	8"
3C	IS	3:1	2,534	7.7'	33.0'	6"
3D	IS	3:1	2,534	7.7'	33.0'	6"
3E	IS	3:1	2,534	7.7'	33.0'	6"
3F	IS	3:1	2,534	7.7'	33.0'	6"
3G	IS	3:1	2,492	7.7'	33.0'	6"
3H	IS	3:1	2,492	7.7'	33.0'	6"
3I	IP	0:1	812	6.4'	10.0'	6"
3J	IP	0:1	807	6.3'	10.0'	6"
3K	IP	0:1	1,698	11.7'	10.0'	8"
3L	IP	0:1	1,695	11.7'	10.0'	8"
3M	IS	3:1	658	7.7'	14.0'	6"
3N	IS	3:1	554	7.7'	14.0'	6"

**TABLE 1, CONT'D. STORMWATER FACILITY SIZING**

FACILITY I.D.	FACILITY TYPE	FACILITY SIDE SLOPES	Basin Area, S.F.	FACILITY SURFACE WIDTH	FACILITY SURFACE LENGTH	MAX. PONDING DEPTH
<b>ROAD 4 STORMWATER FACILITIES</b>						
4A	IP	0:1	1,698	11.7'	10.0'	8"
4B	IP	0:1	1,695	11.7'	10.0'	8"
4C	IS	3:1	2,534	7.7'	33.0'	6"
4D	IS	3:1	2,534	7.7'	33.0'	6"
4E	IS	3:1	2,534	7.7'	33.0'	6"
4F	IS	3:1	2,534	7.7'	33.0'	6"
4G	IS	3:1	2,492	7.7'	33.0'	6"
4H	IS	3:1	2,492	7.7'	33.0'	6"
4I	IP	0:1	812	6.4'	10.0'	6"
4J	IP	0:1	807	6.3'	10.0'	6"
4K	IP	0:1	1,698	11.7'	10.0'	8"
4L	IP	0:1	1,695	11.7'	10.0'	8"
4M	IS	3:1	570	7.7'	14.0'	6"
4N	IS	3:1	566	7.7'	14.0'	6"
<b>ROAD 5 (OAK STREET) STORMWATER FACILITIES</b>						
5A	IP	0:1	3,512	3.8'	73.0'	6"
5B	IP	0:1	3,512	3.8'	73.0'	6"
5C	IP	0:1	1,555	3.8'	32.0'	6"

**STORMWATER FACILITY DESIGN NOTES**

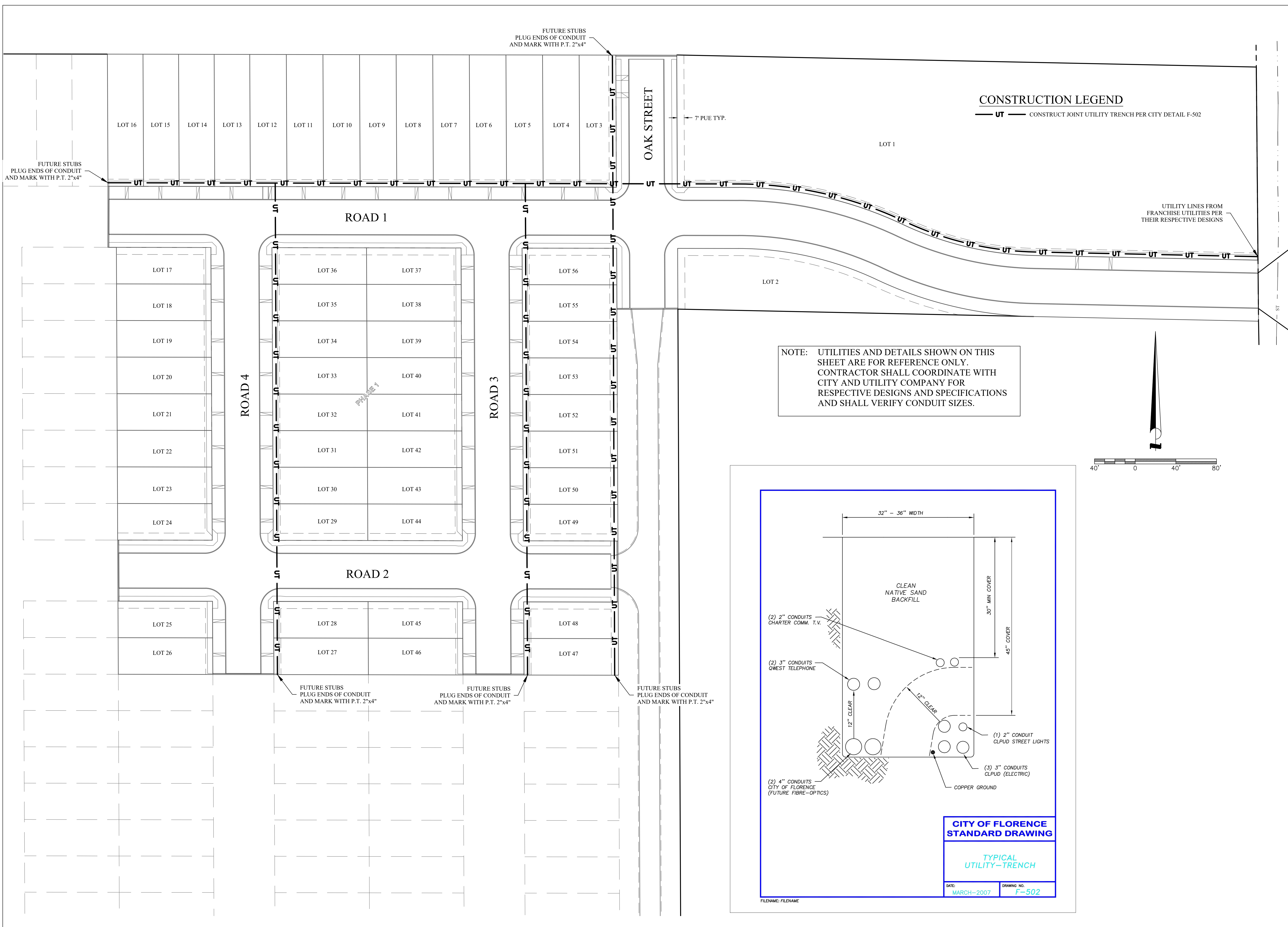
- FACILITIES ARE SIZED PER THE PRESUMPTIVE APPROACH.
- RUNOFF CALCULATIONS ARE PER THE UNIT HYDROGRAPH METHOD, 24 HOUR STORM, NRCS TYPE IA RAINFALL DISTRIBUTION.
- FACILITIES ARE SIZED TO MEET POLLUTION REDUCTION, FLOW CONTROL, AND FINAL DESTINATION (INFILTRATION FACILITY) STANDARDS.
- PER FLORENCE STORMWATER MANUAL, A WATER QUALITY DESIGN RAINFALL DEPTH OF 0.8 INCHES IS USED FOR POLLUTION REDUCTION AND A 25-YEAR RECURRENCE INTERVAL RAINFALL DEPTH OF 5.1 INCHES IS USED FOR FLOW CONTROL AND FINAL DESTINATION.
- THE INFILTRATION RATE OF DUNE SAND IS CONSERVATIVELY AT LEAST 10 INCHES PER HOUR. THE FLORENCE STORMWATER MANUAL LIMITS THE DESIGN INFILTRATION RATE TO THE INFILTRATION RATE OF THE GROWING MEDIUM WHICH IS GIVEN AS A MAXIMUM 4 INCHES PER HOUR. THE RESULTING FACILITY SIZES AND DEPTH WERE DESIGNED TO STORE A 25-YEAR EVENT AT THIS INFILTRATION RATE.



**TABLE 1 NOTES:**  
1. FACILITY 1D REQUIRED SURFACE LENGTH IS 235 FEET, BUT WILL BE CONSTRUCTED TO A SURFACE LENGTH OF 276 FEET. THIS ALLOWS FOR UP TO A 41-FOOT WIDE FUTURE DRIVE APPROACH TO BE CONSTRUCTED ACROSS THE SWALE.  
IP = INFILTRATION PLANTER  
IS = INFILTRATION SWALE

Jan 29, 2021 - 10:13am  
Reference  
Main File  
S:\Projects\034\034-Sub-Plan-Review\Task 2 - Plan\Sheet\034-Sub-Plan-Review.dwg LAYOUT-C5

Jan 29, 2021 - 10:20am  
 18-0134-1E [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ]  
 S:\Projects\18-0134-1E\18-0134-1E.dwg [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ] 18-0134-1E [ 18-0134-1E ]



**EGR & Associates, Inc.**  
 Engineers, Geologists, and Surveyors  
 2558B Prairie Road  
 Eugene, Oregon 97402  
 (541) 688-8322  
 Fax (541) 688-8067

REGISTERED PROFESSIONAL ENGINEER  
 CLINTON L. BEECROFT  
 OR 4376 PE  
 MAY 30, 2019  
 RENEWS: 01/01/22

**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**JOINT UTILITY SITE PLAN**  
**AND TYPICAL JOINT TRENCH**  
 FLORENCE, OREGON

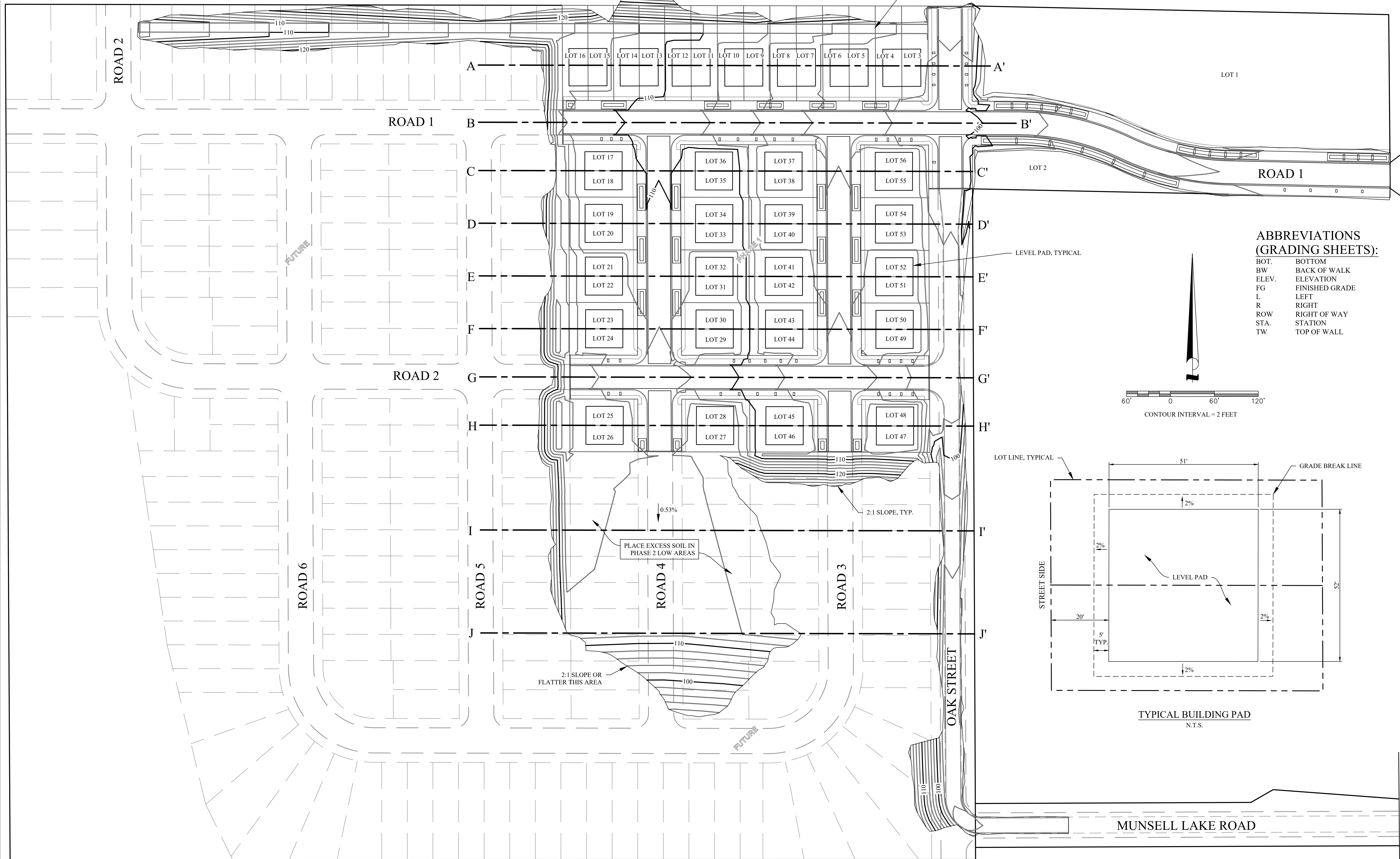
Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

**GEOTECHNICAL NOTE:**

ALL SITE PREPARATION, EARTH WORK, ENGINEERED FILL, CUT AND FILL SLOPES, AND WET WEATHER/DRY WEATHER CONSTRUCTION PRACTICES MUST BE PERFORMED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEERING SITE INVESTIGATION REPORT PREPARED BY BRANCH ENGINEERING, DATED AUGUST 17, 2020.

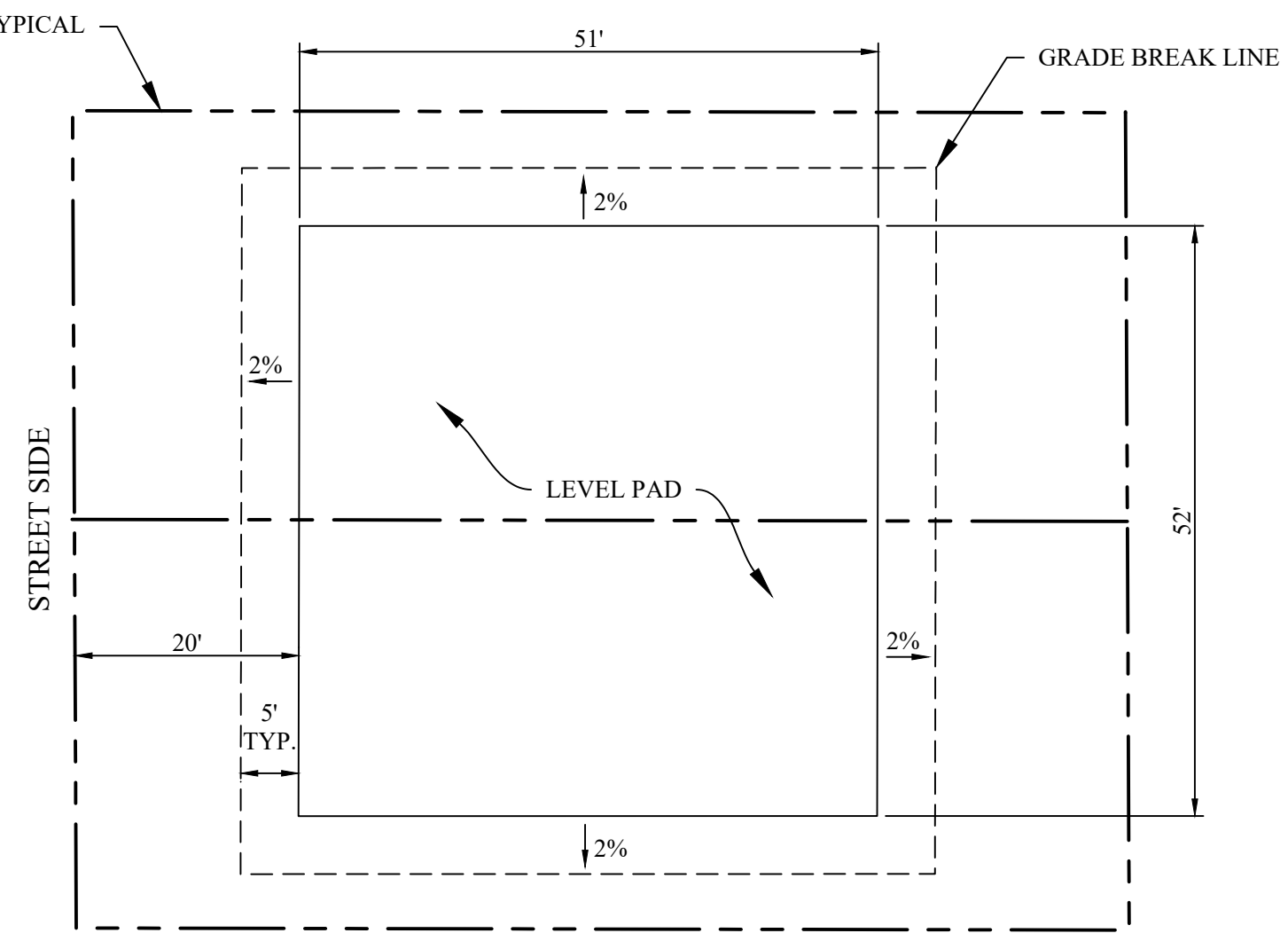
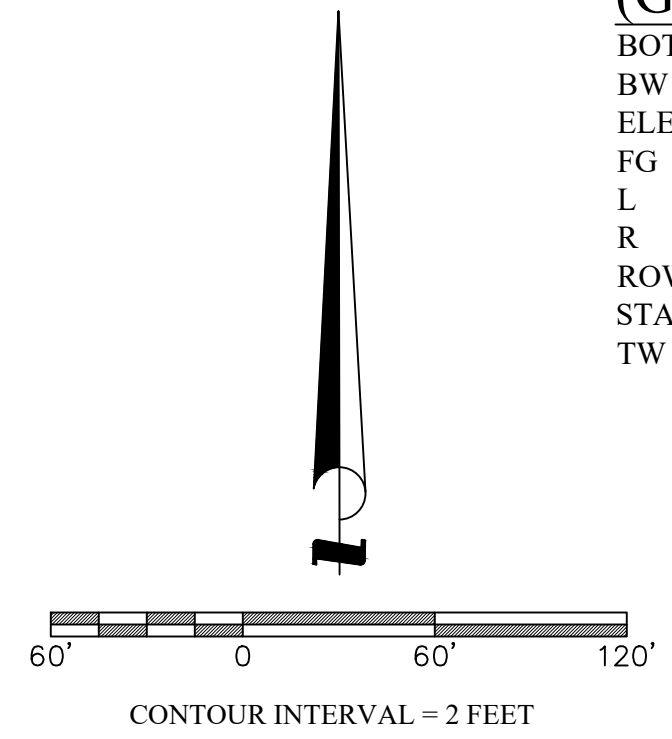
**VOLUME ESTIMATE:**

APPROXIMATE PHASE 1 GRADING VOLUME = 52,000 CUBIC YARDS OF EXCAVATION. ALL EXCAVATED MATERIAL TO REMAIN ON SITE. CONTOURS SHOWN REPRESENT FINISH GRADES.



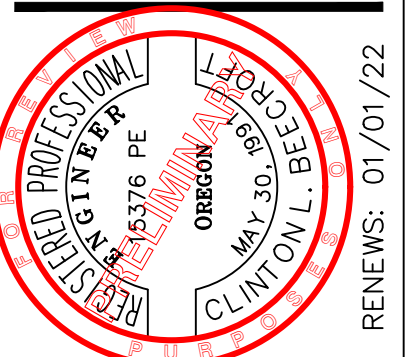
**ABBREVIATIONS (GRADING SHEETS):**

- BOT. BOTTOM
- BW BACK OF WALK
- ELEV. ELEVATION
- FG FINISHED GRADE
- L LEFT
- R RIGHT
- ROW RIGHT OF WAY
- STA. STATION
- TW TOP OF WALL



TYPICAL BUILDING PAD  
N.T.S.

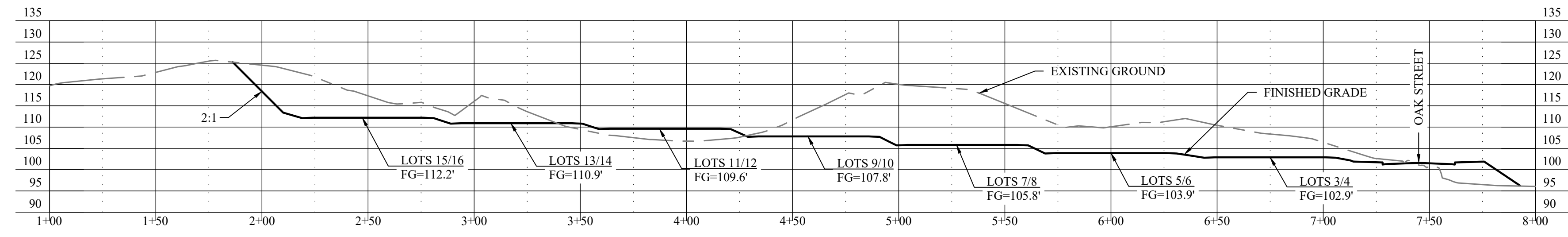
**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2555B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8087



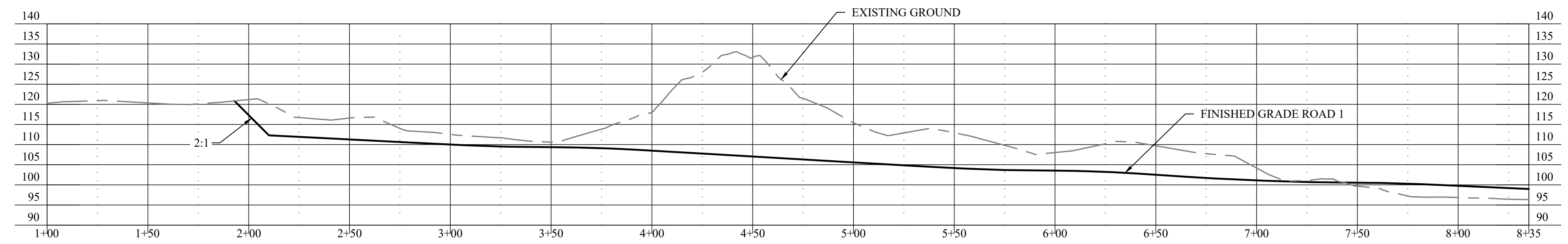
**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**PHASE 1 GRADING PLAN**  
**OVERALL GRADING CONTOURS**  
FLORENCE, OREGON

Date	Job Number	Design by	Drawn by	Checked by	No	Description of Revisions	Date	Name
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT				

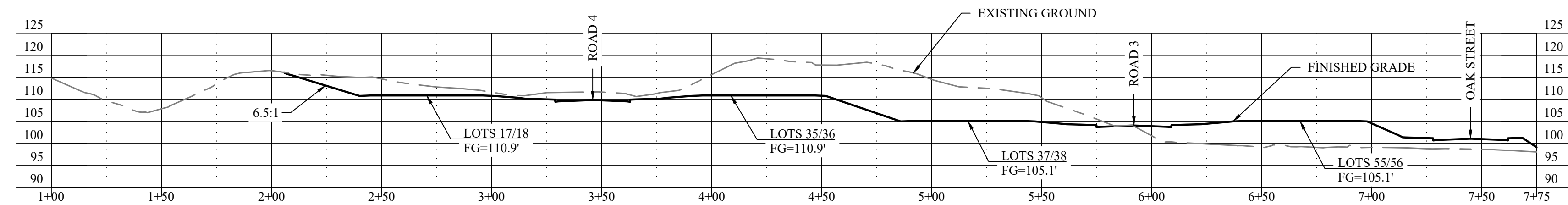
FILE: I:\Projects\6885-18-0134-Grading\Drawings\G7-Overall Grading Sheets.dwg  
 Xref: I:\Projects\6885-18-0134-Grading\Drawings\G7-Overall Grading Sheets.dwg  
 Plot Date: 01-29-2021 10:23:31 AM  
 User: cbeecroft



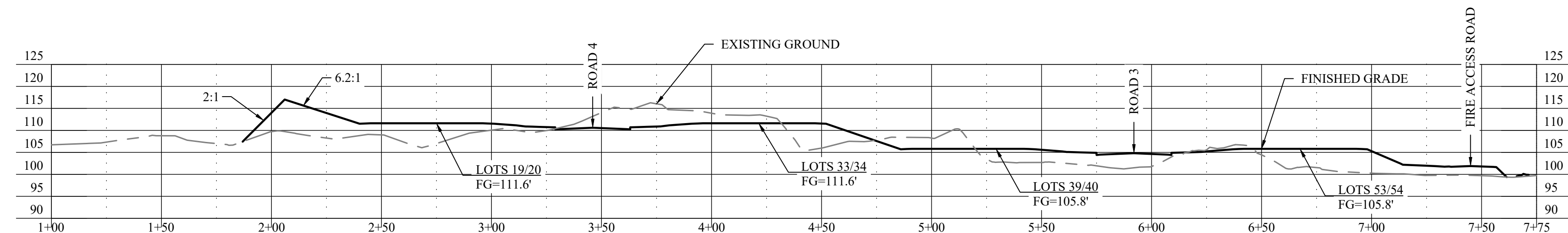
**CROSS-SECTION A-A'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



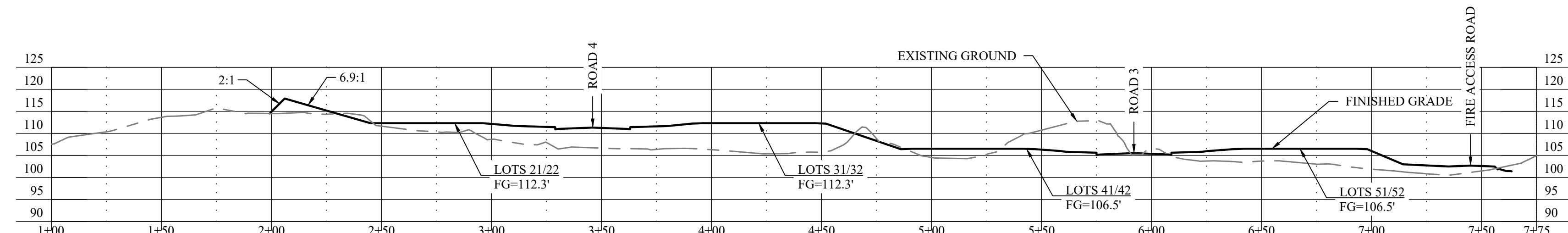
**CROSS-SECTION B-B'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



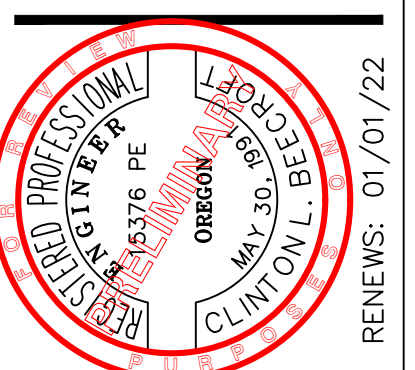
**CROSS-SECTION C-C'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**CROSS-SECTION D-D'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**CROSS-SECTION E-E'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**PHASE 1 GRADING PLAN**  
**CROSS SECTIONS A THROUGH E**  
**FLORENCE, OREGON**

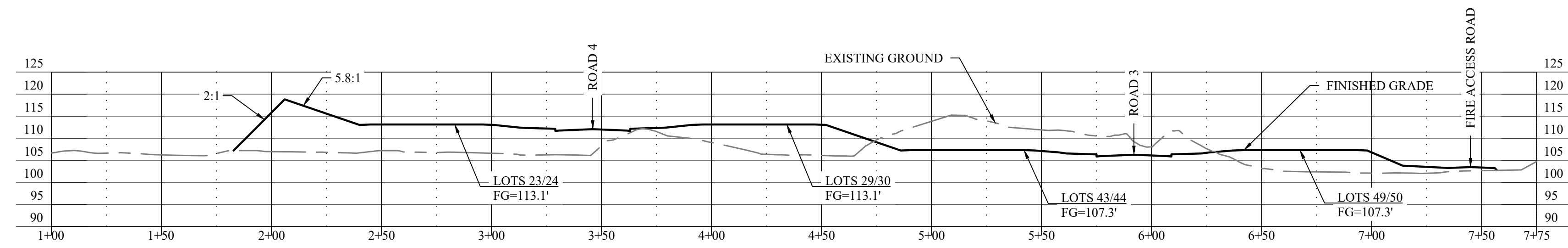
Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	688E-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

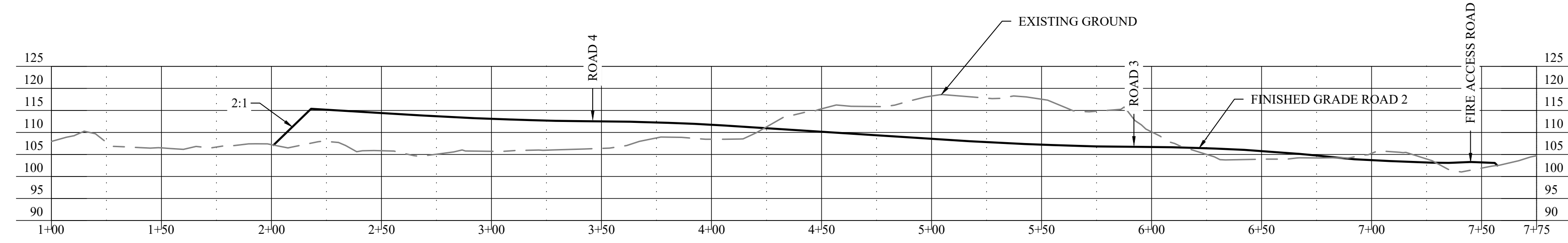
No	Description of Revisions	Date	Name

FILE: I:\Projects\688E-18-0134\Drawings\688E-18-0134-Sub E.dwg  
 PLOT DATE: 01/29/2021 10:24 AM  
 PLOT BY: C. BEECROFT  
 PLOT SCALE: 1"=40' (HORIZONTAL), 1"=20' (VERTICAL)  
 PLOT AREA: 11.00 X 11.00 INCHES  
 PLOT RANGE: 1+00 TO 7+75  
 PLOT OFFSET: 0.50 INCHES  
 PLOT SHEET: 1 OF 1  
 PLOT TITLE: PHASE 1 GRADING PLAN - CROSS SECTIONS A THROUGH E  
 PLOT STATUS: OK

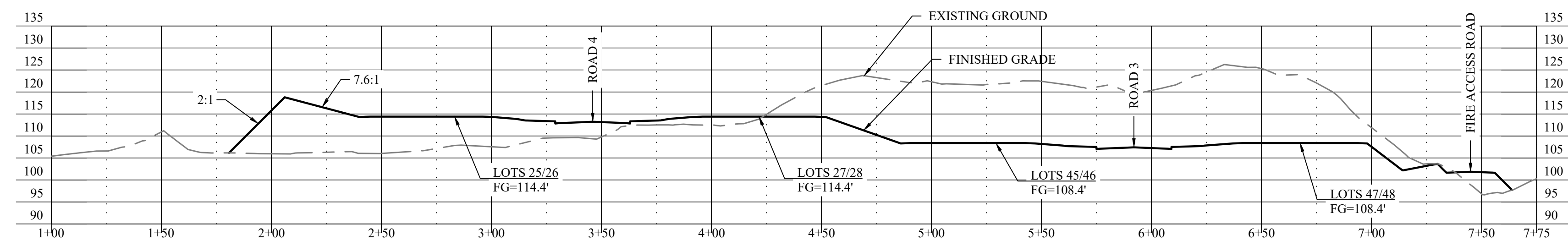




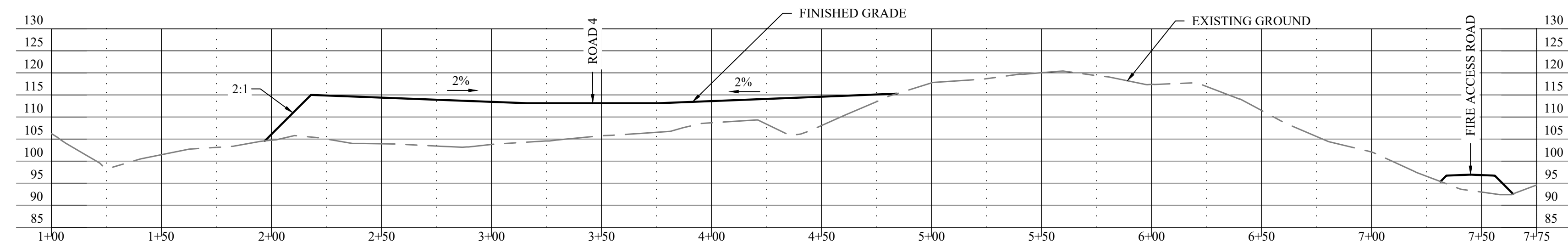
**CROSS-SECTION F-F'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



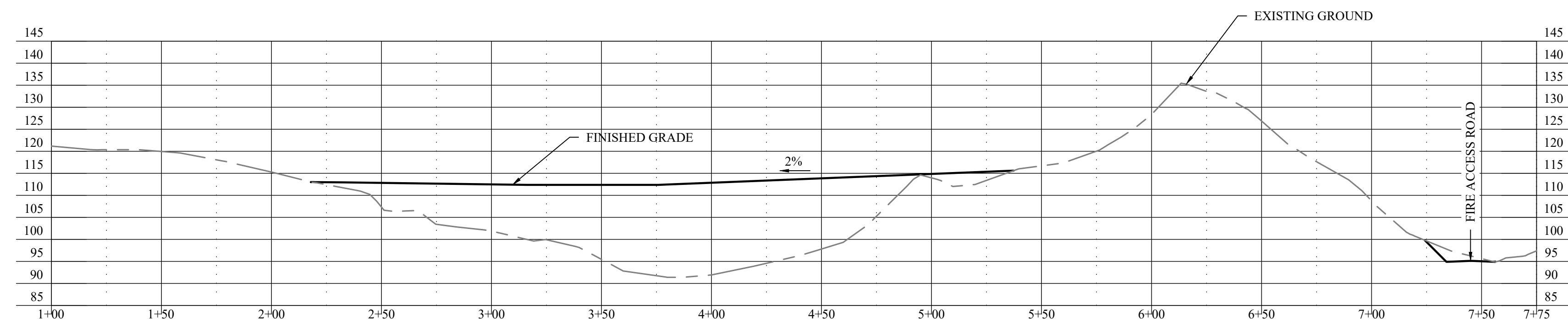
**CROSS-SECTION G-G'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



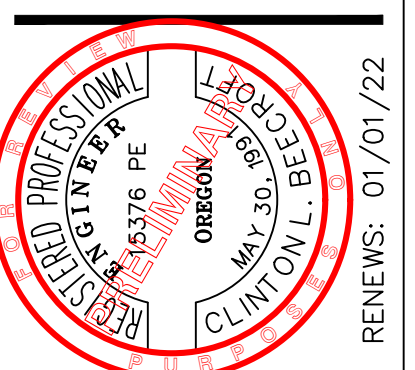
**CROSS-SECTION H-H'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**CROSS-SECTION I-I'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**CROSS-SECTION J-J'**  
 HORZ. SCALE: 1"=40'  
 VERT. SCALE: 1"=20'



**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**PHASE 1 GRADING PLAN**  
**CROSS SECTIONS F THROUGH J**  
**FLORENCE, OREGON**

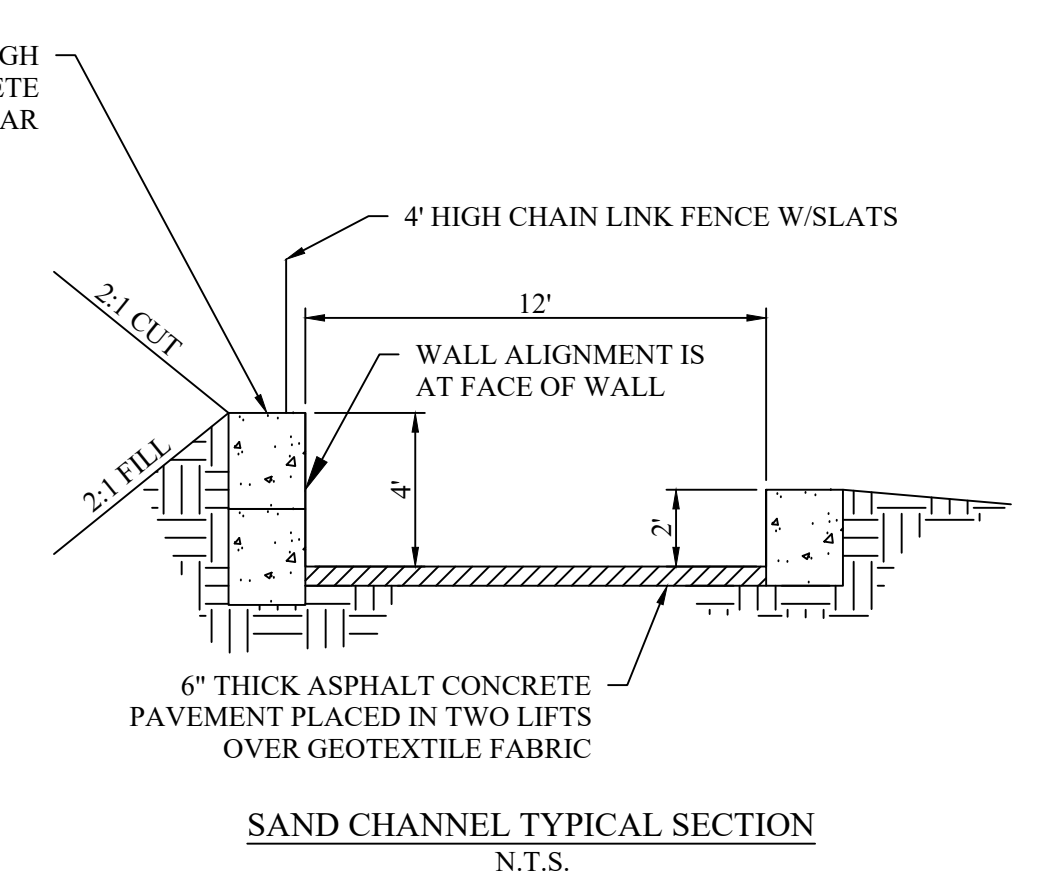
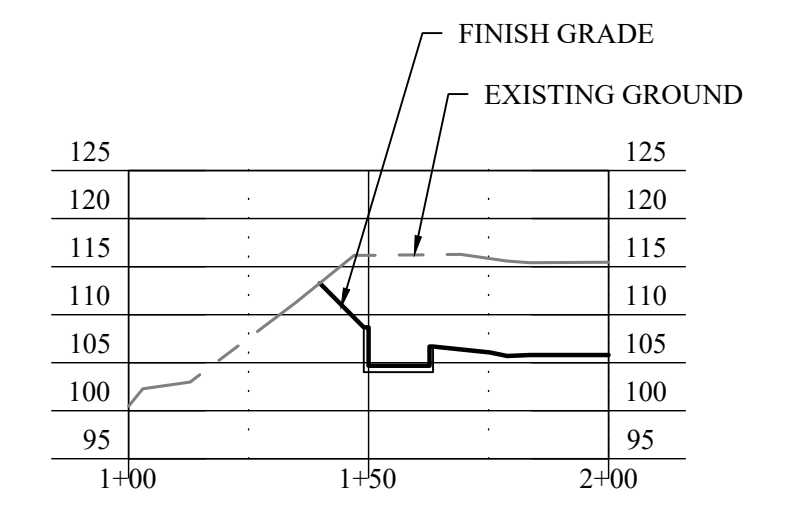
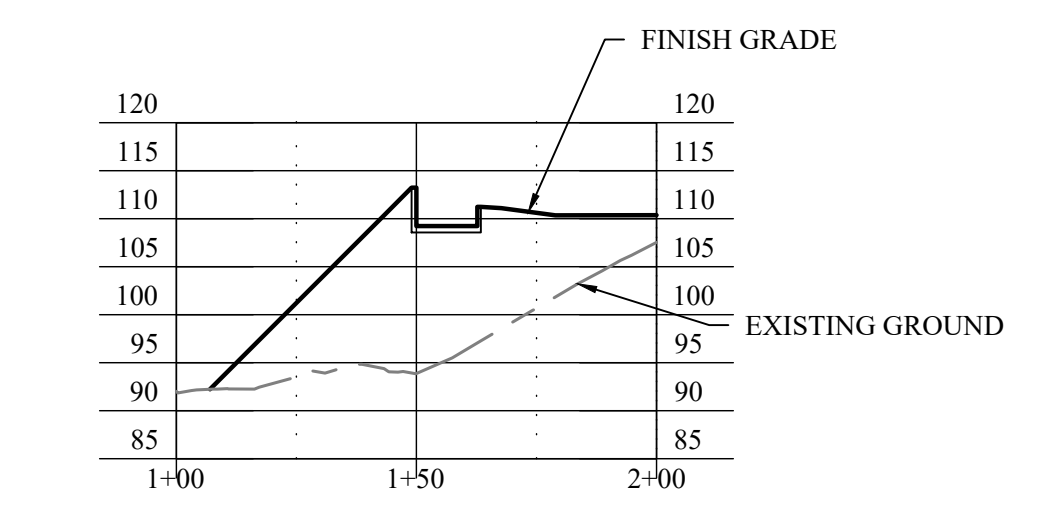
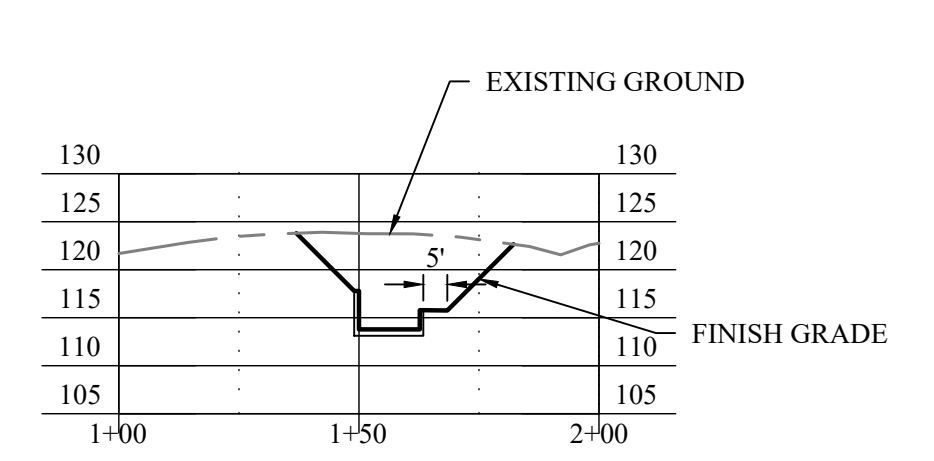
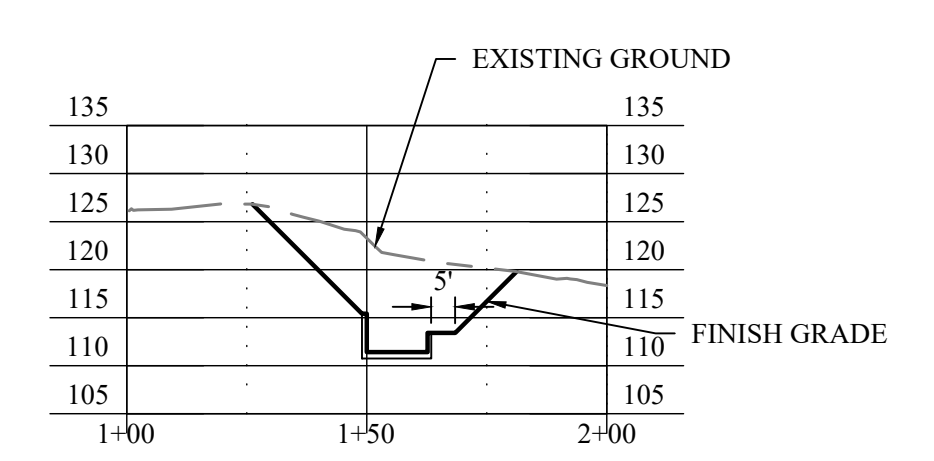
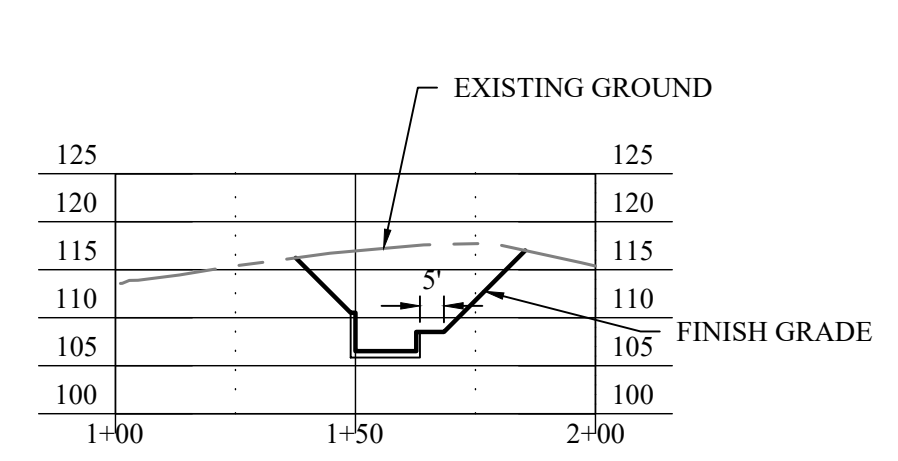
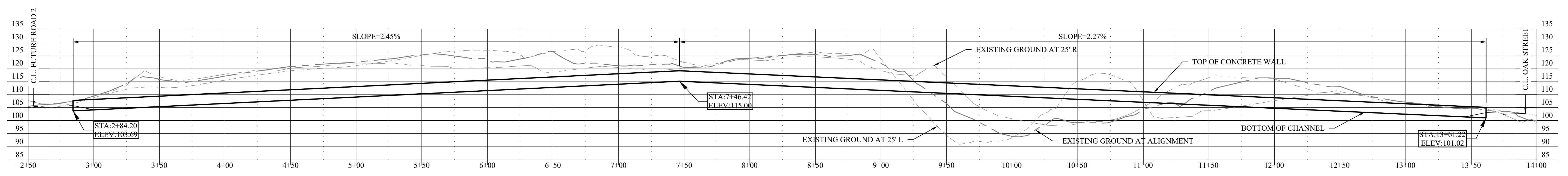
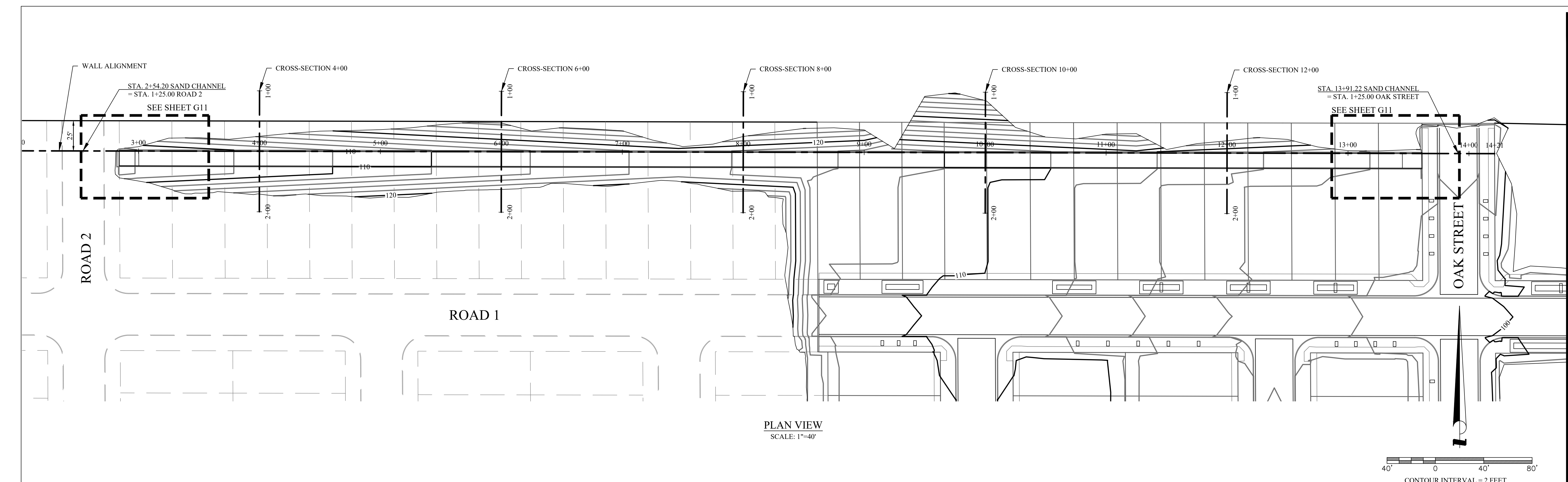
No	Description of Revisions	Date	Name

Date	01-29-2021
Job Number	6885-18-0134
Design by	C. BEECROFT
Drawn by	C. BEECROFT
Checked by	C. BEECROFT

Jan 29, 2021 - 10:24am  
 18-0134-TE [18-0134-LINEWORK] (18-0134-LINEWORK.dwg) 18-0134-XS [18-0134-XS.dwg]  
 S:\Projects\6885-18-0134-Three Mile Prairie\Task 2\PE1 Plans\Sheet18-0134-Grading Plans.dwg LAYOUT-09

Jan 29, 2021 - 10:50am  
 18-0134-ET [18-0134-ET] (LINEWORK.dwg) [18-0134-ET] [18-0134-ET.dwg]  
 S:\Projects\18-0134-ET\18-0134-ET.dwg



**EGR & Associates, Inc.**  
 Engineers, Geologists, and Surveyors  
 2558B Prairie Road  
 Eugene, Oregon 97402  
 (541) 688-8322  
 Fax (541) 688-8087

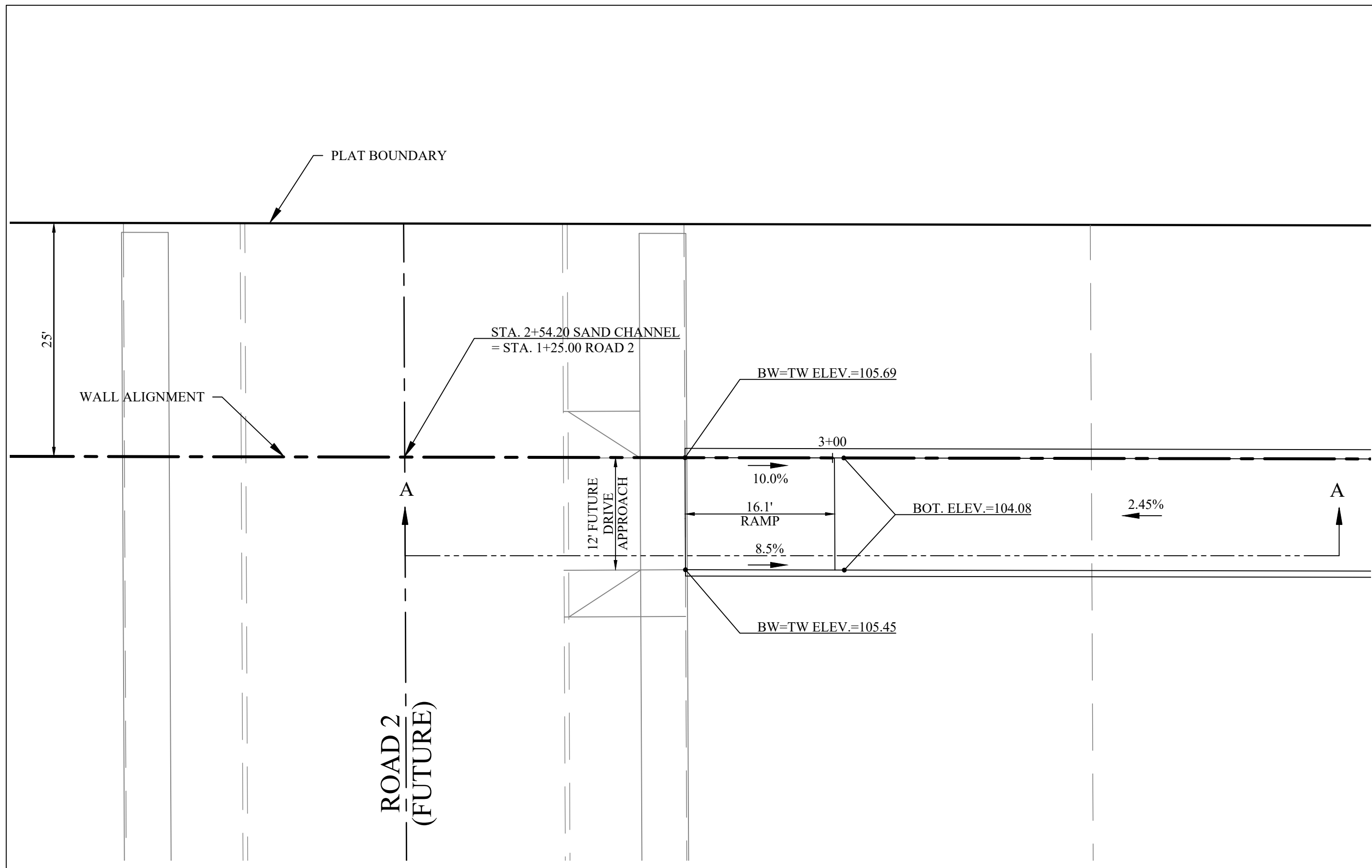
RECEIVED PROFESSIONAL ENGINEER  
 CLINTON L. BEECROFT  
 OR 000000000000000000000000  
 MAY 30 2021  
 4376 PE  
 RENEWS: 01/01/22

**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**PHASE 1 GRADING PLAN**  
**SAND CHANNEL PLAN AND PROFILES**  
**FLORENCE, OREGON**

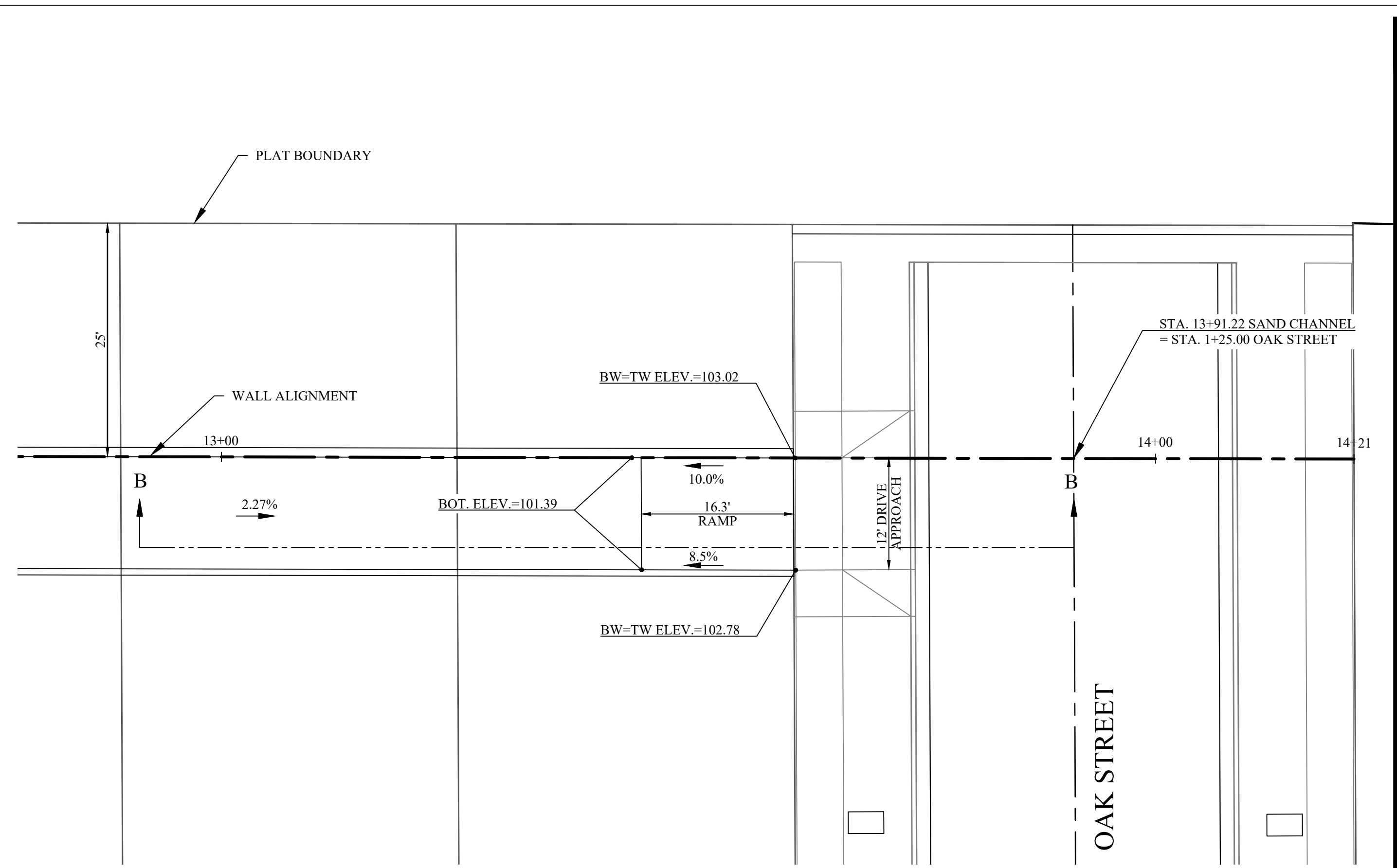
Date	Name	Description of Revisions
01-29-2021		
688E-18-0134		
C. BEECROFT		
C. BEECROFT		
C. BEECROFT		

Date: 01-29-2021  
 Job Number: 688E-18-0134  
 Design by: C. BEECROFT  
 Drawn by: C. BEECROFT  
 Checked by: C. BEECROFT

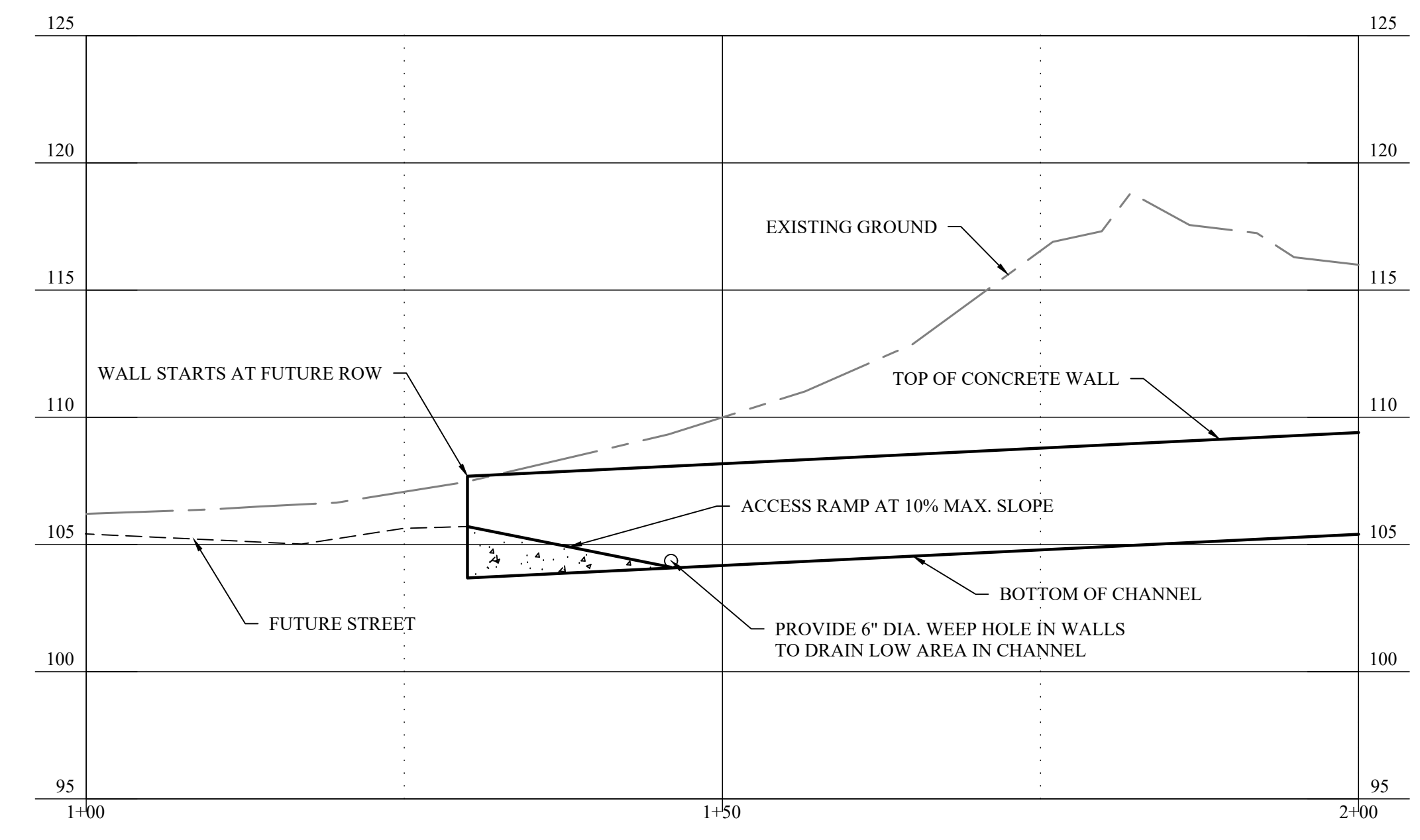
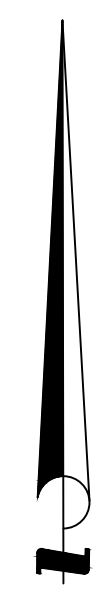
Sheet Number: **G10**



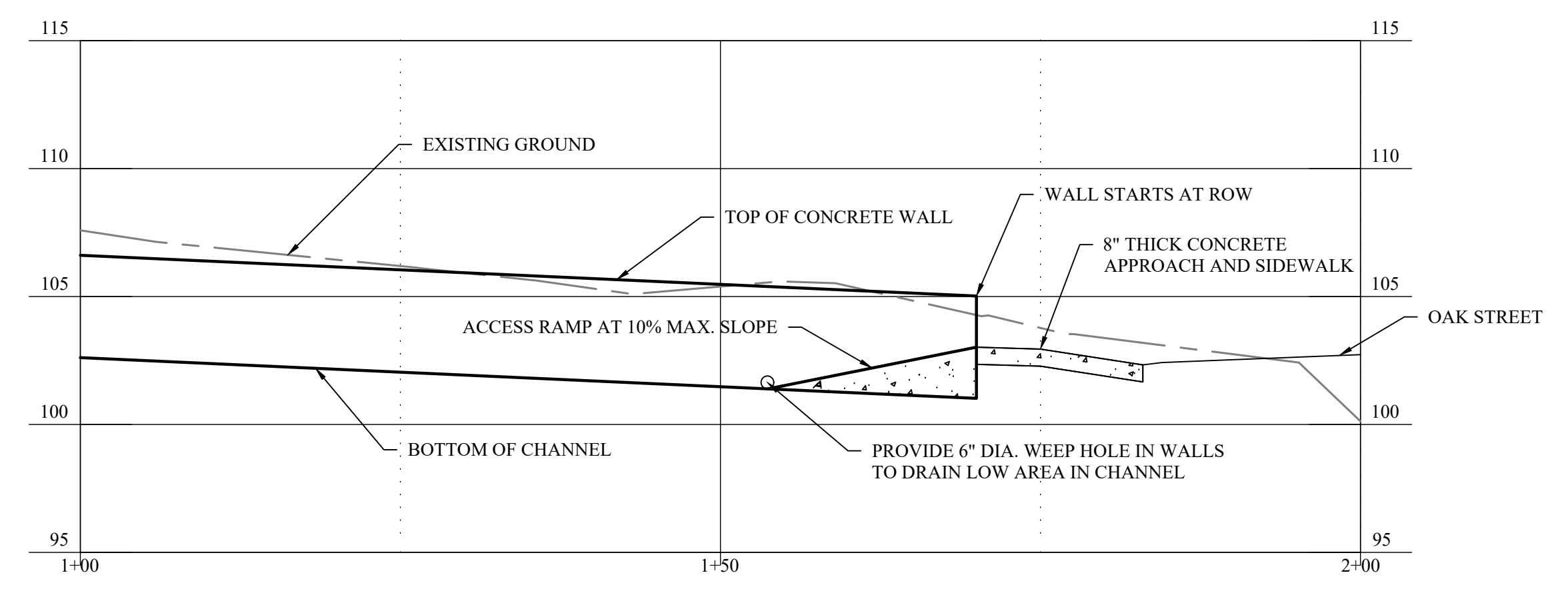
**SAND CHANNEL WEST END PLAN VIEW**  
SCALE: 1"=10'



**SAND CHANNEL EAST END PLAN VIEW**  
SCALE: 1"=10'



**CROSS-SECTION A-A**  
HORZ. SCALE: 1"=10'  
VERT. SCALE: 1"=5'



**CROSS-SECTION B-B**  
HORZ. SCALE: 1"=10'  
VERT. SCALE: 1"=5'

**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2558B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax: (541) 688-8057

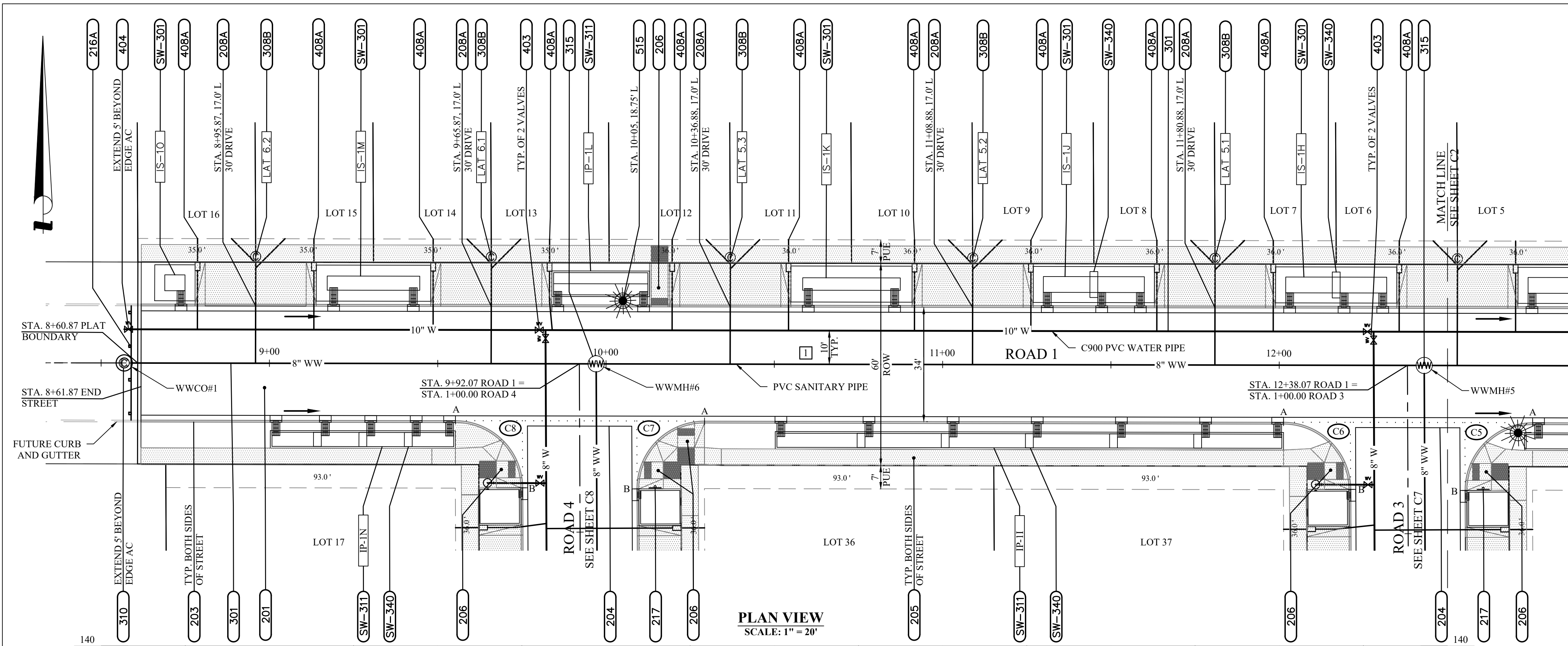
RENEWALS: 01/01/22

**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**PHASE 1 GRADING PLAN**  
**SAND CHANNEL END DETAILS**  
**FLORENCE, OREGON**

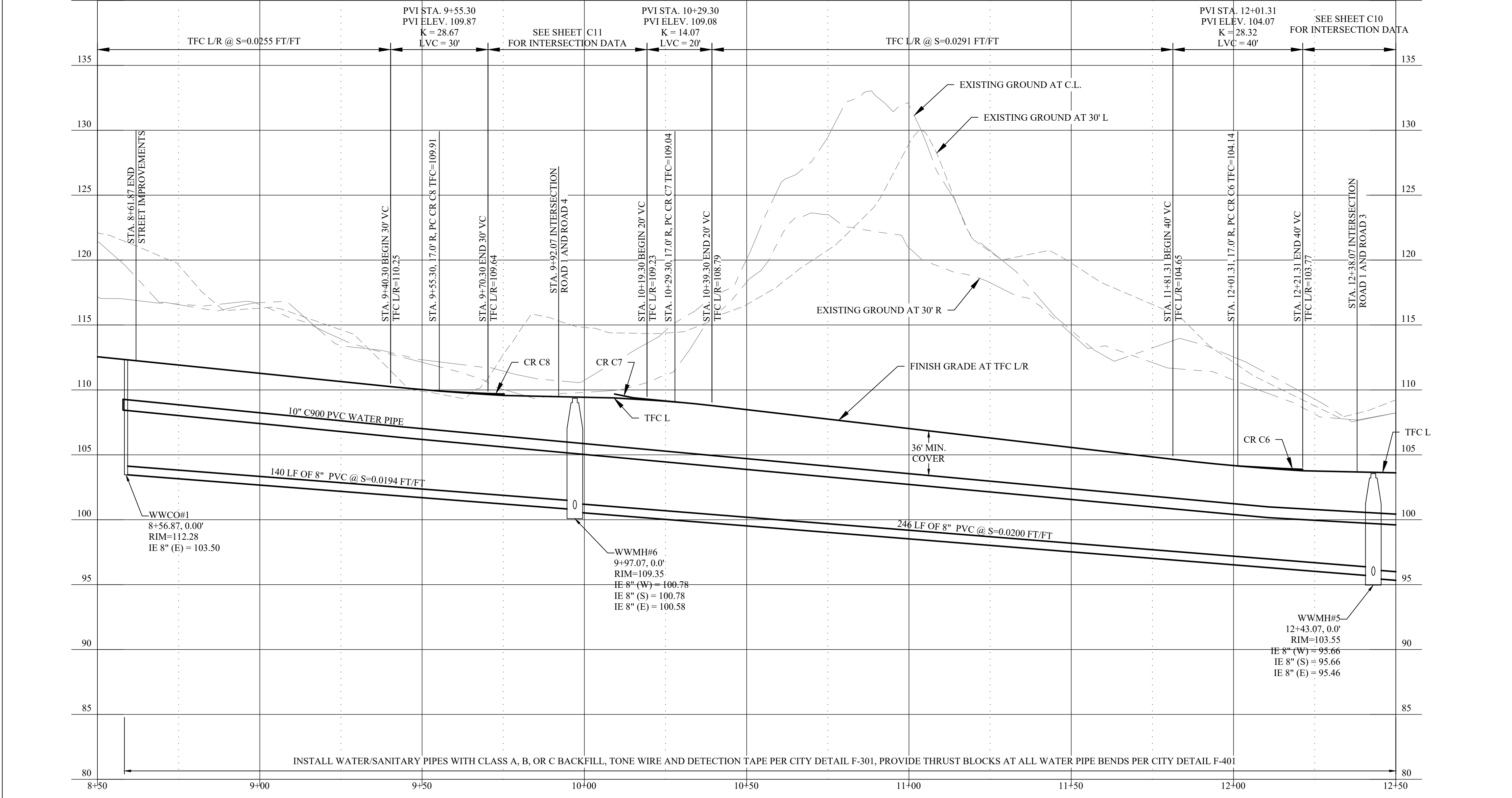
Date	No	Description of Revisions	Name
01-29-2021			
688E-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number  
**G11**

Jan 29, 2021 - 10:54am  
S:\Projects\688E-18-0134-Subdiv\Drawings\18-0134-Subdiv\18-0134-Subdiv.dwg  
S:\Projects\688E-18-0134-Subdiv\Drawings\18-0134-Subdiv\18-0134-Subdiv.dwg LAYOUT-G11



PLAN VIEW  
SCALE: 1" = 20'



PROFILE VIEW  
HORIZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'

### CONSTRUCTION NOTES

- (201)** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
- (203)** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
- (204)** CONSTRUCT SYMMETRICAL "V" TYPE CONCRETE VALLEY GUTTER PER CITY DETAIL F-204
- (205)** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
- (206)** CONSTRUCT TYPE 1 CURB RAMP PER CITY DETAIL F-206
- (208A)** CONSTRUCT DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH STANDARD 3'-0" WINGS PER CITY DETAIL F-208A
- (216A)** INSTALL STREET BARRICADE PER CITY DETAIL F-216A
- (217)** INSTALL STREET NAME SIGN PER CITY DETAILS F-217, F-217A AND F-217B
- (301)** CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
- (308B)** INSTALL COMMON 6-INCH SEWER SERVICE PER CITY DETAIL F-308, EXCEPT LOCATE TERMINAL CLEANOUT (PER CITY DETAIL F-310A) IN WALK (INSIDE THE PUE), WITH 4-INCH LATERALS SERVING TWO LOTS (TWO 4-INCH LATERALS TOTAL EXTENDED TO BACK OF PUE, CAPPED AND MARKED) INSTALL CLEANOUT PER CITY DETAIL F-310
- (310)** INSTALL 48" MANHOLE PER CITY DETAILS F-312, F-313, F-315, F-316 AND F-321
- (403)** INSTALL GATE VALVE WITH VALVE BOX PER CITY DETAILS F-403 AND F-321
- (404)** INSTALL MAIN DEAD-END BLOWOFF ASSEMBLY PER CITY DETAIL F-404, EXCEPT CONSTRUCT STRADDLE BLOCK THRUST BLOCK TO ALLOW FOR FUTURE MAINLINE EXTENSION PER CITY DETAIL F-401
- (408A)** INSTALL WATER SERVICE CONNECTION PER CITY DETAIL F-408A, WITH 2-INCH DIAMETER PLASTIC SLEEVE BETWEEN METER BOX AND BACK OF PUE FOR FUTURE HOUSE SERVICE LINE
- (515)** INSTALL STREET LIGHT PER CITY DETAIL F-515 WITH CONDUIT AND JUNCTION BOX PER ELECTRIC COMPANY DESIGNS
- (SW-301)** CONSTRUCT INFILTRATION STORMWATER SWALE PER CITY DETAIL SW-301 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- (SW-311)** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- (SW-340)** CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE

LATERAL TABLE			
LAT ID	LAT SIZE	PROPERTY LINE CLEANOUT	
		STATION	OFFSET
LAT 5.1	6"	11+80.9	31.7' L
LAT 5.2	6"	11+08.9	31.7' L
LAT 5.3	6"	10+35.9	31.7' L
LAT 6.1	6"	9+65.9	31.7' L
LAT 6.2	6"	8+95.9	31.7' L

TANGENT TABLE				
TANGENT	START	END	DIST	BEARING
I	8+50.00	12+50.00	400.00'	S89°53'27"E

C5 CURB CURVE TABLE					
$\Delta = 90^{\circ}21'57''$ R=20.00' A=31.54'					
LC=S45°04'25"E, 28.37'					
POINT	TC ELEV	DESCRIPTION	POINT	TC ELEV	DESCRIPTION
A	103.23	PC STA 12+75.31, 17.00' R	A	104.14	PC STA 12+01.31, 17.00' R
B	103.88	PT STA 12+55.31, 37.13' R	B	103.88	PT STA 12+21.31, 36.87' R

C6 CURB CURVE TABLE					
$\Delta = 89^{\circ}38'03''$ R=20.00' A=31.29'					
LC=S45°04'25"E, 28.19'					
POINT	TC ELEV	DESCRIPTION	POINT	TC ELEV	DESCRIPTION
A	104.14	PC STA 12+01.31, 17.00' R	A	109.91	PC STA 9+55.30, 17.00' R
B	103.88	PT STA 12+21.31, 36.87' R	B	109.68	PT STA 10+09.30, 36.87' R

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C10 FOR CURB SLOPES BETWEEN POINTS A AND B.

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C11 FOR CURB SLOPES BETWEEN POINTS A AND B.

C7 CURB CURVE TABLE					
$\Delta = 90^{\circ}21'57''$ R=20.00' A=31.54'					
LC=S45°04'25"E, 28.37'					
POINT	TC ELEV	DESCRIPTION	POINT	TC ELEV	DESCRIPTION
A	109.04	PC STA 10+29.30, 17.00' L	A	109.91	PC STA 9+55.30, 17.00' R
B	109.68	PT STA 10+09.30, 37.13' L	B	109.68	PT STA 10+09.30, 36.87' R

C8 CURB CURVE TABLE					
$\Delta = 89^{\circ}38'03''$ R=20.00' A=31.29'					
LC=S45°04'25"E, 28.19'					
POINT	TC ELEV	DESCRIPTION	POINT	TC ELEV	DESCRIPTION
A	109.91	PC STA 9+55.30, 17.00' R	A	109.91	PC STA 9+55.30, 17.00' R
B	109.68	PT STA 10+09.30, 36.87' R	B	109.68	PT STA 10+09.30, 36.87' R

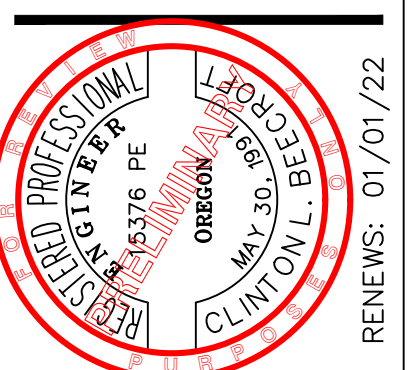
\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C11 FOR CURB SLOPES BETWEEN POINTS A AND B.

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C11 FOR CURB SLOPES BETWEEN POINTS A AND B.

STORMWATER FACILITY TABLE						
FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS		CHECK DAM LOCATIONS	
			STATION	OFFSET	STATION	STATION
IS-1H	12.7x36.0'	6"	12+03.0	17' L		
			12+19.2	17' L		12+16.9
			12+30.7	17' L		
			10+52.0	17' R		
IP-1I	4.2x150.0'	6"	10+78.1	17' R		10+75.8
			11+03.1	17' R		11+00.8
			11+28.1	17' R		11+25.8
			11+53.1	17' R		11+50.8
			11+78.1	17' R		11+75.8
IS-1J	12.7x36.0'	6"	11+99.6	17' R		
			11+31.0	17' L		
			11+47.2	17' L		11+44.9
IS-1K	12.7x36.0'	8"	10+60.0	17' L		
			10+85.7	17' L		
IP-1L	6.6x28.0'	6"	9+85.6	17' L		
			10+11.1	17' L		
IS-1M	12.7x34.0'	7"	9+19.0	17' L		
			9+42.7	17' L		
			9+02.0	17' R		
			9+16.6	17' R		9+14.3
IP-1N	4.2x54.0'	6"	9+30.1	17' R		9+27.8
			9+43.6	17' R		9+41.3
			9+53.6	17' R		
IS-1O	12.7x12.0'	6"	8+73.7	17' L		

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6

**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2555B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8087

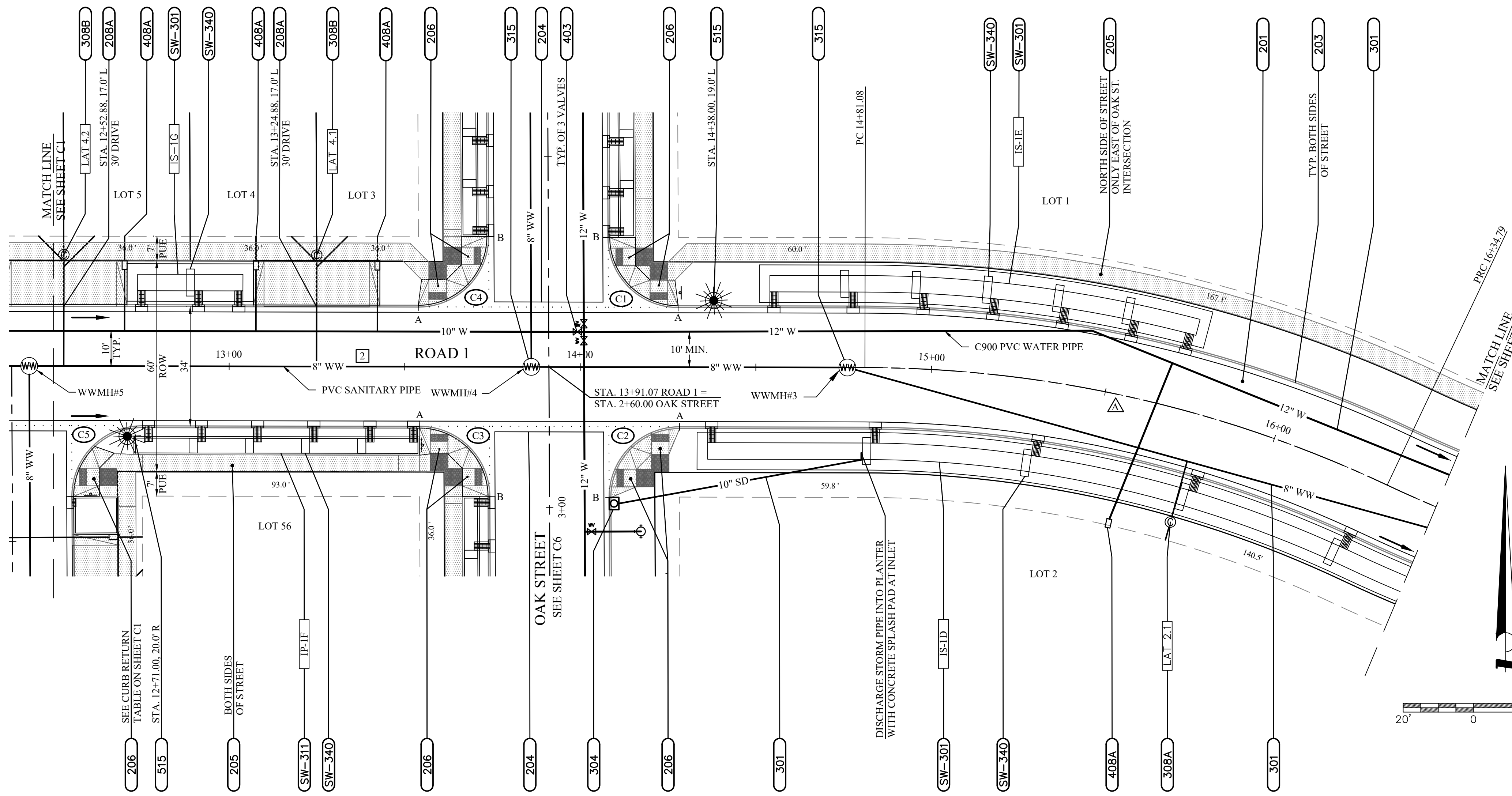


THREE MILE PRAIRIE SUBDIVISION  
PHASE I CONSTRUCTION DRAWINGS  
ROAD I PLAN AND PROFILE  
STATION 8+50 TO STATION 12+50  
FLORENCE, OREGON

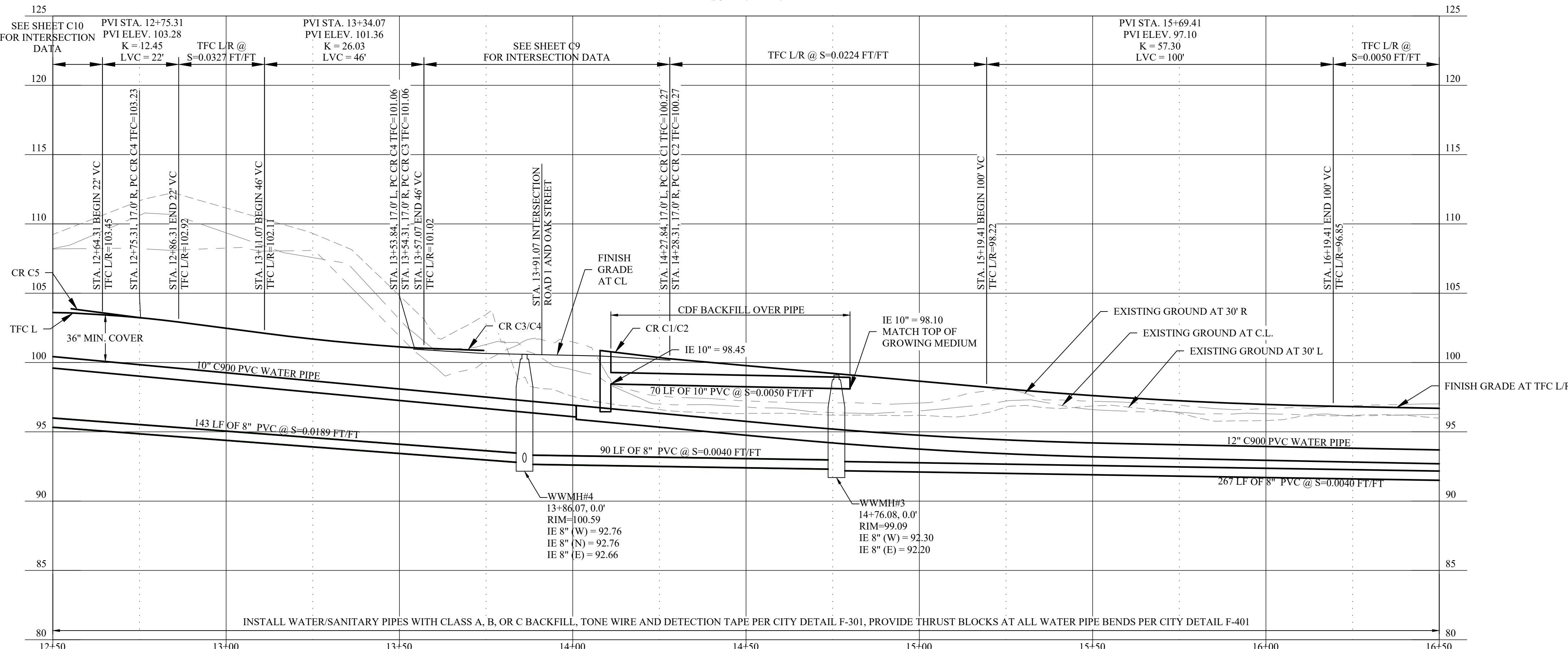
Date	Name	Description of Revisions
01-29-2021	6885-18-0134	
	C. BEECROFT	
	C. BEECROFT	
	C. BEECROFT	

Sheet Number **C1**

THIS IS NOT A FINAL DOCUMENT UNLESS THE DOCUMENT CONTAINS A VERIFIED DIGITAL SIGNATURE OR ORIGINAL SIGNATURE



**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'

**CONSTRUCTION NOTES**

- 201** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
- 203** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
- 204** CONSTRUCT SYMMETRICAL "V" TYPE CONCRETE VALLEY GUTTER PER CITY DETAIL F-204
- 205** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
- 206** CONSTRUCT TYPE 1 CURB RAMPS PER CITY DETAIL F-206
- 208A** CONSTRUCT DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH STANDARD 3'-0" WINGS PER CITY DETAIL F-208A
- 301** CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
- 304** INSTALL TYPE 2-1/2" CURB INLET PER CITY DETAIL F-304
- 308A** INSTALL SEWER SERVICE PER CITY DETAIL F-308, EXCEPT LOCATE CLEANOUT (PER CITY DETAIL F-310) IN WALK (INSIDE THE PUE)
- 308B** INSTALL COMMON 6-INCH SEWER SERVICE PER CITY DETAIL F-308, EXCEPT LOCATE TERMINAL CLEANOUT (PER CITY DETAIL F-310) IN WALK (INSIDE THE PUE), WITH 4-INCH LATERALS SERVING TWO LOTS (TWO 4-INCH LATERALS TOTAL EXTENDED TO BACK OF PUE, CAPPED AND MARKED)
- 315** INSTALL 48" MANHOLE PER CITY DETAILS F-312, F-313, F-315, F-316, AND F-321
- 403** INSTALL GATE VALVE WITH VALVE BOX PER CITY DETAILS F-403 AND F-321
- 408A** INSTALL WATER SERVICE CONNECTION PER CITY DETAIL F-408A, WITH 2-INCH DIAMETER PLASTIC SLEEVE BETWEEN METER BOX AND BACK OF PUE FOR FUTURE HOUSE SERVICE LINE
- 515** INSTALL STREET LIGHT PER CITY DETAIL F-515 WITH CONDUIT AND JUNCTION BOX PER ELECTRIC COMPANY DESIGNS
- SW-301** CONSTRUCT INFILTRATION STORMWATER SWALE PER CITY DETAIL SW-301 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- SW-311** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- SW-340** CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE

**LATERAL TABLE**

LAT ID	LAT SIZE	PROPERTY LINE CLEANOUT	
		STATION	OFFSET
LAT 2.1	6"	15+78.1	31.7 R
LAT 4.1	6"	13+24.9	31.7 L
LAT 4.2	6"	12+52.9	31.7 L

**CENTERLINE CURVE TABLE**

CURVE	DELTA	RADIUS	ARC	LONG CHORD	PC	PT
2	25°09'47"	350.00'	153.71'	152.48'	S77°18'33"E	14+81.08

**TANGENT TABLE**

TANGENT	START	END	DIST	BEARING
2	12+50.00	14+81.08	231.08'	S89°53'27"E

**C1 CURB CURVE TABLE**

$\Delta = 89^\circ38'03"$	$R = 20.00'$	$A = 31.29'$
LC = S44°55'35"W, 28.37'		
POINT	TC ELEV	DESCRIPTION
A	100.27	PC STA 14+27.84, 17.00' L
B	100.87	PT STA 14+07.84, 36.87' L

**C2 CURB CURVE TABLE**

$\Delta = 90^\circ21'57"$	$R = 20.00'$	$A = 31.54'$
LC = S44°55'35"W, 28.37'		
POINT	TC ELEV	DESCRIPTION
A	100.27	PC STA 14+28.31, 17.00' R
B	100.87	PT STA 14+08.31, 37.12' R

**C3 CURB CURVE TABLE**

$\Delta = 89^\circ38'03"$	$R = 20.00'$	$A = 31.29'$
LC = S45°04'25"E, 28.19'		
POINT	TC ELEV	DESCRIPTION
A	101.06	PC STA 13+54.31, 17.00' R
B	100.87	PT STA 13+74.31, 36.87' R

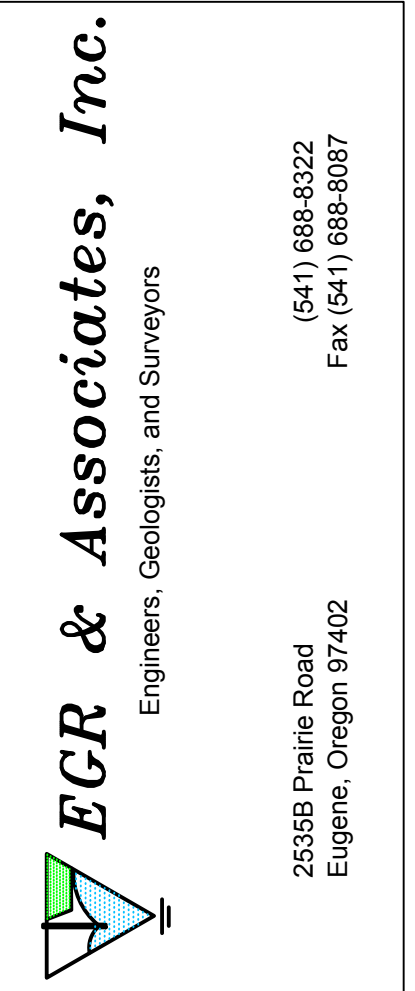
**C4 CURB CURVE TABLE**

$\Delta = 90^\circ21'57"$	$R = 20.00'$	$A = 31.54'$
LC = N44°55'35"E, 28.37'		
POINT	TC ELEV	DESCRIPTION
A	101.06	PC STA 13+53.84, 17.00' L
B	100.87	PT STA 13+73.84, 37.13' L

**STORMWATER FACILITY TABLE**

FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS		CHECK DAM LOCATIONS
			STATION	OFFSET	
IS-1D (THIS SHEET)	12.7x207.2'	6"	14+37.5	17 R	14+81.7
			14+84.2	17 R	15+30.6
			15+33.1	17 R	15+79.5
			15+82.0	17 R	16+28.4
			16+30.9	17 R	16+28.4
IS-1E	12.7x129.0'	6"	14+55.1	17 L	14+75.4
			14+77.7	17 L	14+94.7
			14+96.9	17 L	15+13.7
			15+15.9	17 L	15+32.8
			15+34.9	17 L	15+51.8
IP-1F	4.2x80.0'	10"	15+54.0	17 L	15+51.8
			15+69.2	17 L	12+89.8
			12+77.1	17 R	13+05.8
			12+92.1	17 R	13+21.8
			13+08.1	17 R	13+37.8
IS-1G	12.7x36.0'	6"	13+40.1	17 R	12+88.9
			13+52.6	17 R	
			12+75.0	17 L	
			12+91.2	17 L	
			13+02.7	17 L	

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6



**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**ROAD 1 PLAN AND PROFILE**  
**STATION 12+50 TO STATION 16+50**  
**FLORENCE, OREGON**

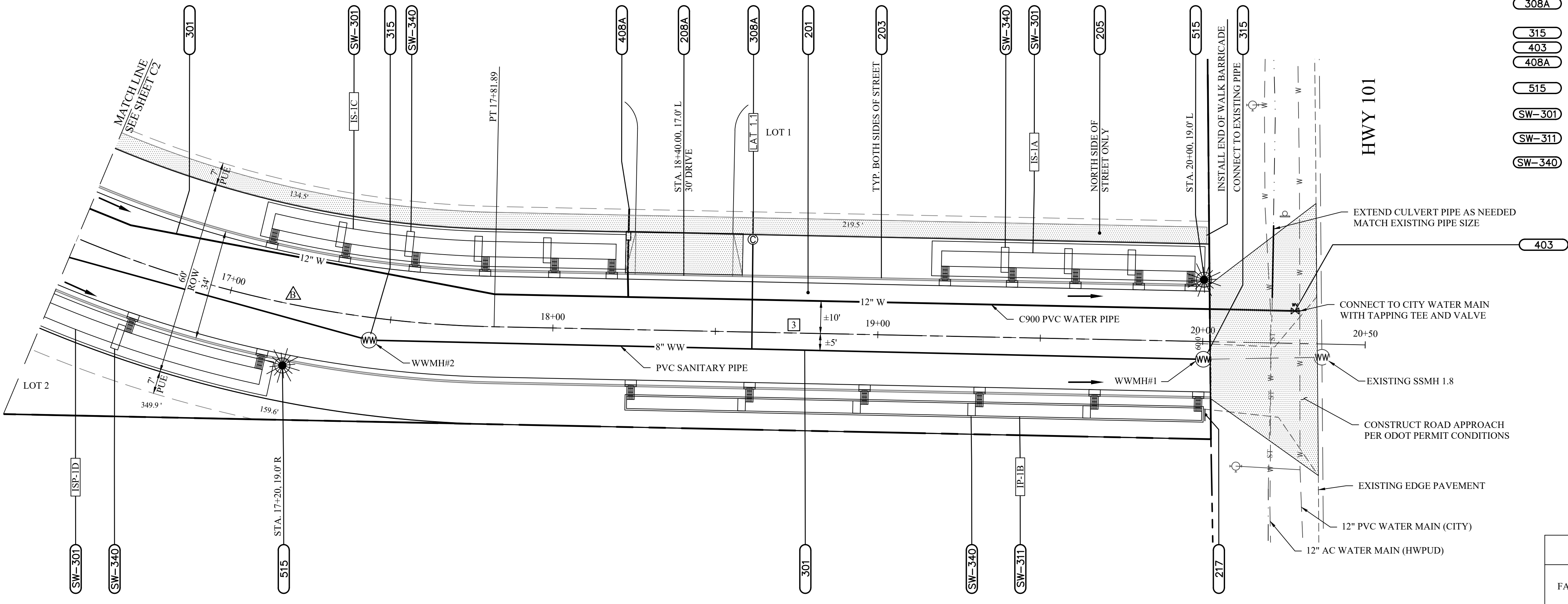
Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
	C. BEECROFT		
	C. BEECROFT		
	C. BEECROFT		

Sheet Number

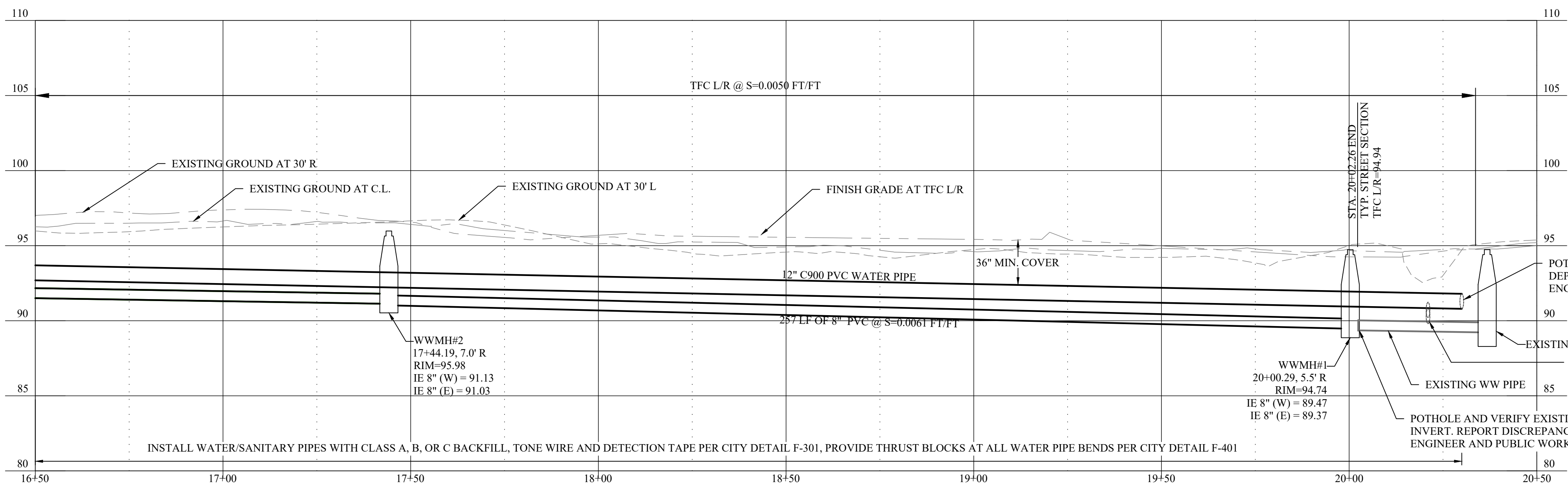
**C2**

CONSTRUCTION NOTES

- 201 CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
203 CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
205 CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
208A CONSTRUCT DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH STANDARD 3'-0" WINGS PER CITY DETAIL F-208A
217 INSTALL STREET NAME SIGN PER CITY DETAILS F-217, F-217A AND F-217B
301 CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
308A INSTALL SEWER SERVICE PER CITY DETAIL F-308 AND CLEANOUT PER CITY DETAIL F-310
315 INSTALL 48" MANHOLE PER CITY DETAILS F-312, F-313, F-315, F-316 AND F-321
403 INSTALL GATE VALVE WITH VALVE BOX PER CITY DETAILS F-403 AND F-321
408A INSTALL WATER SERVICE CONNECTION PER CITY DETAIL F-408A, WITH 2-INCH DIAMETER PLASTIC SLEEVE BETWEEN METER BOX AND BACK OF PUE FOR FUTURE HOUSE SERVICE LINE
515 INSTALL STREET LIGHT PER CITY DETAIL F-515 WITH CONDUIT AND JUNCTION BOX PER ELECTRIC COMPANY DESIGNS
SW-301 CONSTRUCT INFILTRATION STORMWATER SWALE PER CITY DETAIL SW-301 WITH CONCRETE INLETS PER CITY DETAIL SW-333
SW-311 CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
SW-340 CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE



PLAN VIEW SCALE: 1" = 20"



PROFILE VIEW HORZ. SCALE: 1" = 20' VERT. SCALE: 1" = 5'

TANGENT TABLE with columns: TANGENT, START, END, DIST, BEARING. Row 1: 3, 17+81.89, 20+50.00, 268.11', S88°48'30"E

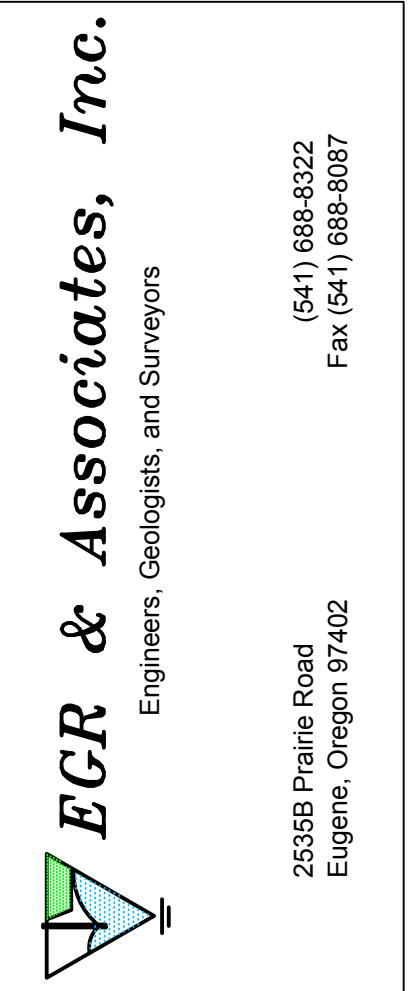
CENTERLINE CURVE TABLE with columns: CURVE, DELTA, RADIUS, ARC, LONG CHORD, PC, PT. Row 1: A, 24°04'51", 350.00', 147.10', 146.02', S76°46'05"E, 16+34.79, 17+81.89

LATERAL TABLE with columns: LAT ID, LAT SIZE, PROPERTY LINE CLEANOUT STATION, OFFSET. Row 1: LAT 1.1, 6", 18+61.0, 28.5' L

STORMWATER FACILITY TABLE with columns: FACILITY ID, TOP WIDTH AND LENGTH, DEPTH BELOW GUTTER, CONCRETE INLET LOCATIONS (STATION, OFFSET), CHECK DAM LOCATIONS (STATION). Includes rows for IS-1A, IP-1B, IS-1C, and IS-1D.

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6

HWY 101

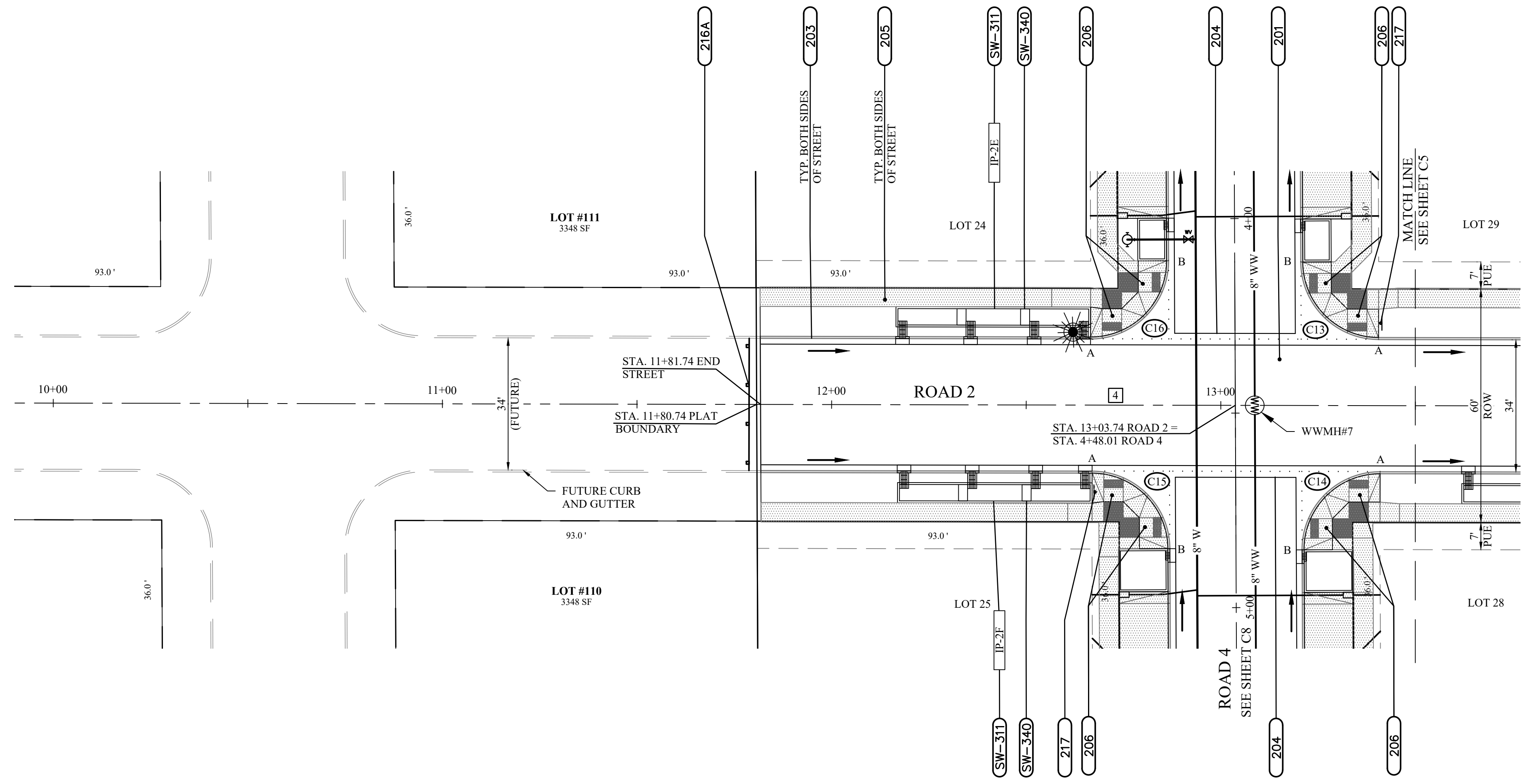


THREE MILE PRAIRIE SUBDIVISION PHASE 1 CONSTRUCTION DRAWINGS ROAD 1 - PLAN AND PROFILE STATION 16+50 TO STATION 20+50 FLORENCE, OREGON

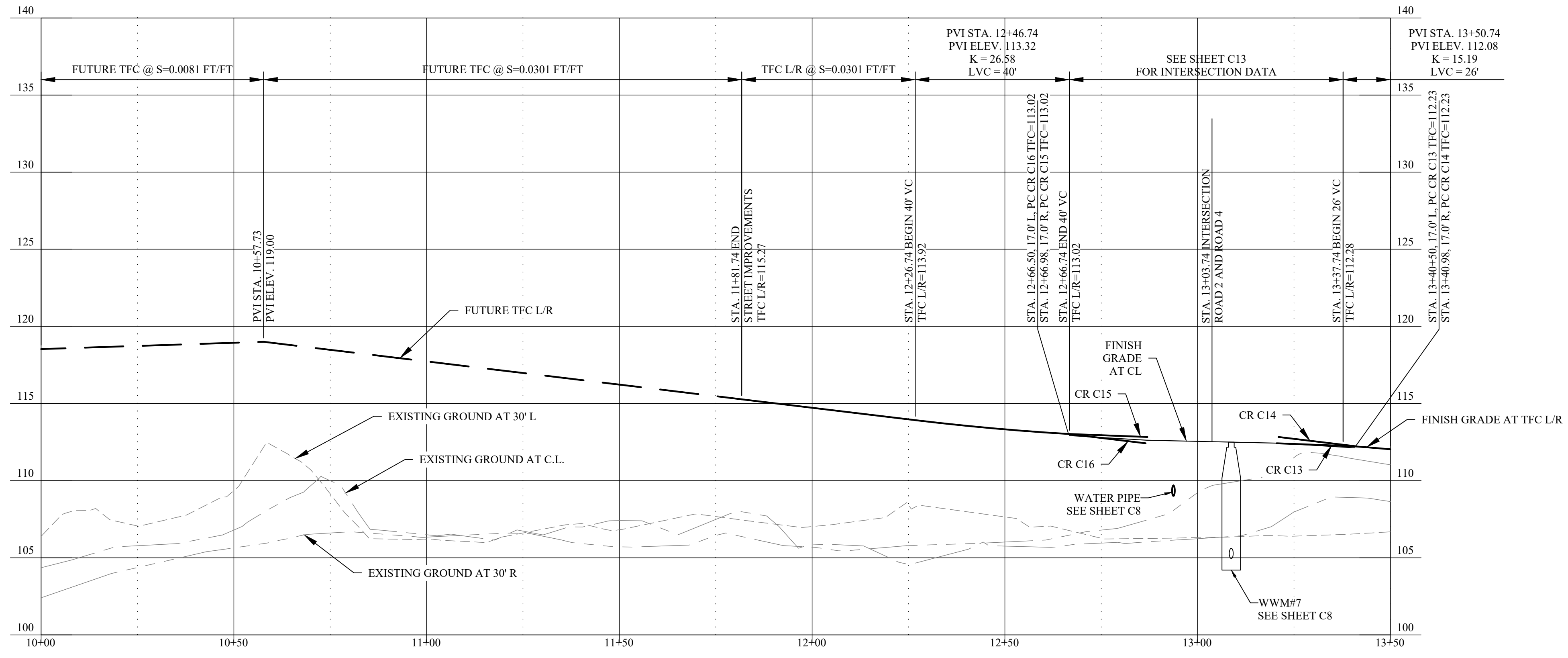
Revisions table with columns: No, Description of Revisions, Date, Name. Includes a table for Date, Job Number, Design by, Drawn by, Checked by.

Sheet Number

C3



**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'

**CONSTRUCTION NOTES**

- 201** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
- 203** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
- 204** CONSTRUCT SYMMETRICAL "V" TYPE CONCRETE VALLEY GUTTER PER CITY DETAIL F-204
- 205** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
- 206** CONSTRUCT TYPE 1 CURB RAMP PER CITY DETAIL F-206
- 216A** INSTALL STREET BARRICADE PER CITY DETAIL F-216A
- 217** INSTALL STREET NAME SIGN PER CITY DETAILS F-217, F-217A AND F-217B
- SW-311** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- SW-340** CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE

TANGENT TABLE				
TANGENT	START	END	DIST	BEARING
4	11+81.74	13+50.00	168.26'	S89°53'27"E

C13 CURB CURVE TABLE			
$\Delta = 89^\circ 38' 03''$	$R = 20.00'$	$A = 31.29'$	
LC = N45°04'25"W, 28.19'			
POINT	TC ELEV	DESCRIPTION	
A	112.23	PC	STA 13+40.50, 17.00' L
B	112.42	PT	STA 13+20.50, 36.87' L

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C13 FOR CURB SLOPES BETWEEN POINTS A AND B.

C14 CURB CURVE TABLE			
$\Delta = 90^\circ 22' 21''$	$R = 20.00'$	$A = 31.54'$	
LC = S44°55'30"W, 28.37'			
POINT	TC ELEV	DESCRIPTION	
A	112.23	PC	STA 13+40.98, 17.00' R
B	112.83	PT	STA 13+20.98, 37.12' R

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C13 FOR CURB SLOPES BETWEEN POINTS A AND B.

C15 CURB CURVE TABLE			
$\Delta = 89^\circ 37' 32''$	$R = 20.00'$	$A = 31.29'$	
LC = N45°04'25"W, 28.20'			
POINT	TC ELEV	DESCRIPTION	
A	113.02	PC	STA 12+66.98, 17.00' R
B	112.83	PT	STA 12+86.97, 36.87' R

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C13 FOR CURB SLOPES BETWEEN POINTS A AND B.

C16 CURB CURVE TABLE			
$\Delta = 90^\circ 21' 57''$	$R = 20.00'$	$A = 31.54'$	
LC = S44°55'35"W, 28.37'			
POINT	TC ELEV	DESCRIPTION	
A	113.02	PC	STA 12+66.50, 17.00' L
B	112.42	PT	STA 12+86.50, 37.13' L

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C13 FOR CURB SLOPES BETWEEN POINTS A AND B.

STORMWATER FACILITY TABLE					
FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS		CHECK DAM LOCATIONS
			STATION	OFFSET	STATION
IP-2E	4.2x49.0'	6"	12+18.2	17' L	
			12+35.7	17' L	12+33.3
			12+52.0	17' L	12+49.7
			12+64.8	17' L	
IP-2F	4.2x49.0'	6"	12+18.6	17' R	
			12+36.2	17' R	12+33.8
			12+52.5	17' R	12+50.1
			12+65.2	17' R	

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6



THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
ROAD 2 - PLAN AND PROFILE  
STATION 10+00 TO STATION 13+50  
FLORENCE, OREGON

Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number

**CONSTRUCTION NOTES**

- 201** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
- 203** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
- 204** CONSTRUCT SYMMETRICAL "V" TYPE CONCRETE VALLEY GUTTER PER CITY DETAIL F-204
- 205** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
- 206** CONSTRUCT TYPE 1 CURB RAMPS PER CITY DETAIL F-206
- 217** INSTALL STREET NAME SIGN PER CITY DETAILS F-217, F-217A AND F-217B
- SW-311** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- SW-340** CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE

**TANGENT TABLE**

TANGENT	START	END	DIST	BEARING
5	13+50.00	16+65.68	315.68'	S89°53'27"E

**C9 CURB CURVE TABLE**

$\Delta = 89^\circ 37' 43''$  R=20.00' A=31.29'

LC=N45°04'25"W, 28.19'

POINT	TC ELEV	DESCRIPTION
A	106.43	PC STA 15+86.51, 17.00' L
B	106.62	PT STA 15+66.51, 36.87' L

**C10 CURB CURVE TABLE**

$\Delta = 90^\circ 21' 52''$  R=20.00' A=31.54'

LC=N44°55'32"E, 28.37'

POINT	TC ELEV	DESCRIPTION
A	106.43	PC STA 15+86.98, 17.00' R
B	107.03	PT STA 15+66.98, 37.12' R

**C11 CURB CURVE TABLE**

$\Delta = 89^\circ 38' 03''$  R=20.00' A=31.29'

LC=N45°04'22"W, 28.19'

POINT	TC ELEV	DESCRIPTION
A	107.22	PC STA 15+12.98, 17.00' R
B	107.03	PT STA 15+32.98, 36.87' R

**C12 CURB CURVE TABLE**

$\Delta = 90^\circ 21' 57''$  R=20.00' A=31.54'

LC=S44°55'35"W, 28.37'

POINT	TC ELEV	DESCRIPTION
A	107.22	PC STA 15+12.51, 17.00' L
B	106.62	PT STA 15+32.51, 37.13' L

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C12 FOR CURB SLOPES BETWEEN POINTS A AND B.

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C12 FOR CURB SLOPES BETWEEN POINTS A AND B.

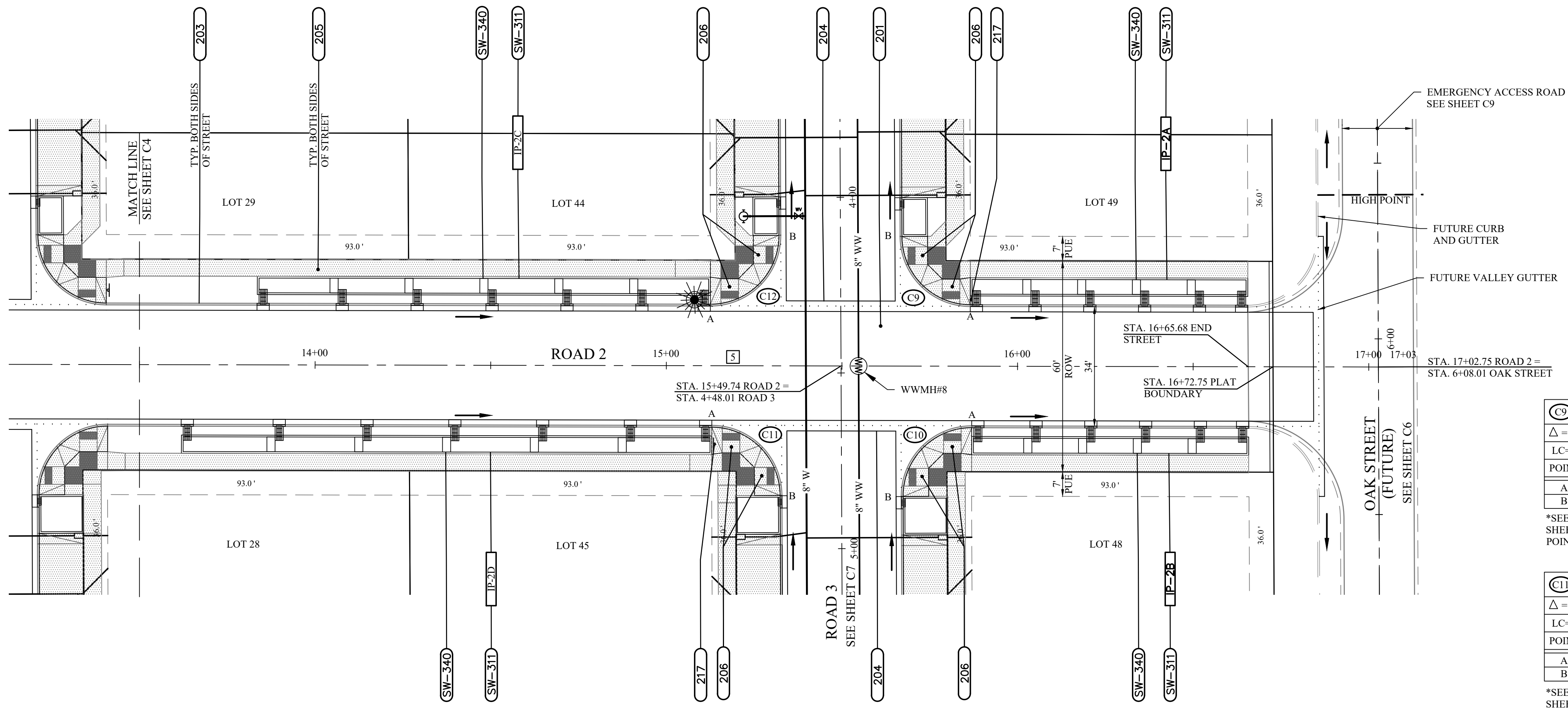
\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C12 FOR CURB SLOPES BETWEEN POINTS A AND B.

\*SEE SIDEWALK ACCESS RAMP DETAIL ON SHEET C12 FOR CURB SLOPES BETWEEN POINTS A AND B.

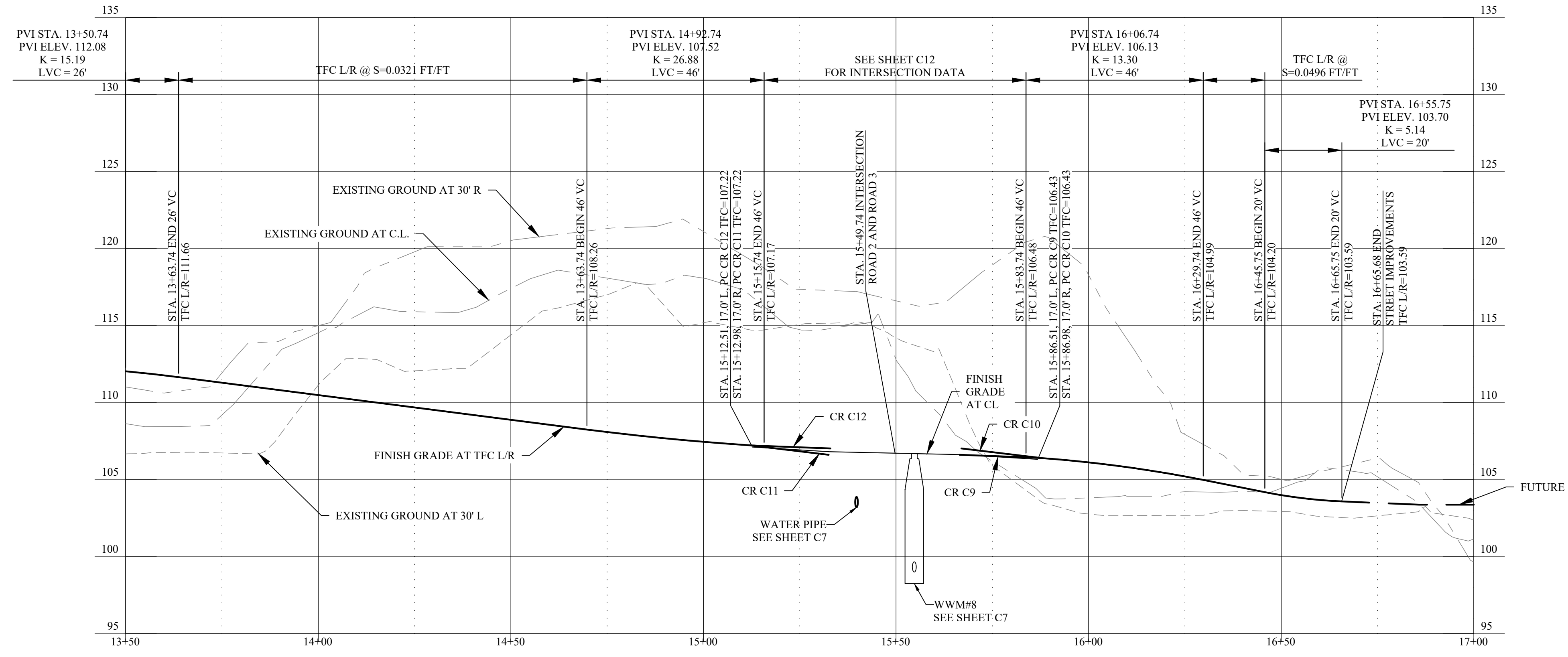
**STORMWATER FACILITY TABLE**

FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS		CHECK DAM LOCATIONS
			STATION	OFFSET	STATION
IP-2A	4.2'x78.0'	6"	15+88.3	17' L	
			16+05.0	17' L	16+02.6
			16+20.6	17' L	16+18.2
			16+36.2	17' L	16+33.8
			16+51.8	17' L	16+49.4
			16+63.8	17' L	
IP-2B	4.2'x77.8'	11"	15+88.7	17' R	
			16+05.3	17' R	16+03.0
			16+20.9	17' R	16+18.6
			16+36.5	17' R	16+34.2
			16+52.1	17' R	16+49.8
			16+64.1	17' R	
IP-2C	4.2'x128.0'	6"	13+85.2	17' L	
			14+07.7	17' L	14+05.4
			14+29.0	17' L	14+26.7
			14+71.7	17' L	14+69.4
			14+93.0	17' L	14+90.7
			15+10.8	17' L	
IP-2D	4.2'x150.0'	6"	13+63.6	17' R	
			13+89.8	17' R	13+87.5
			14+14.8	17' R	14+12.5
			14+39.8	17' R	14+37.5
			14+64.8	17' R	14+62.5
			14+89.8	17' R	14+87.5
15+11.2	17' R				

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6



**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
HORIZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'



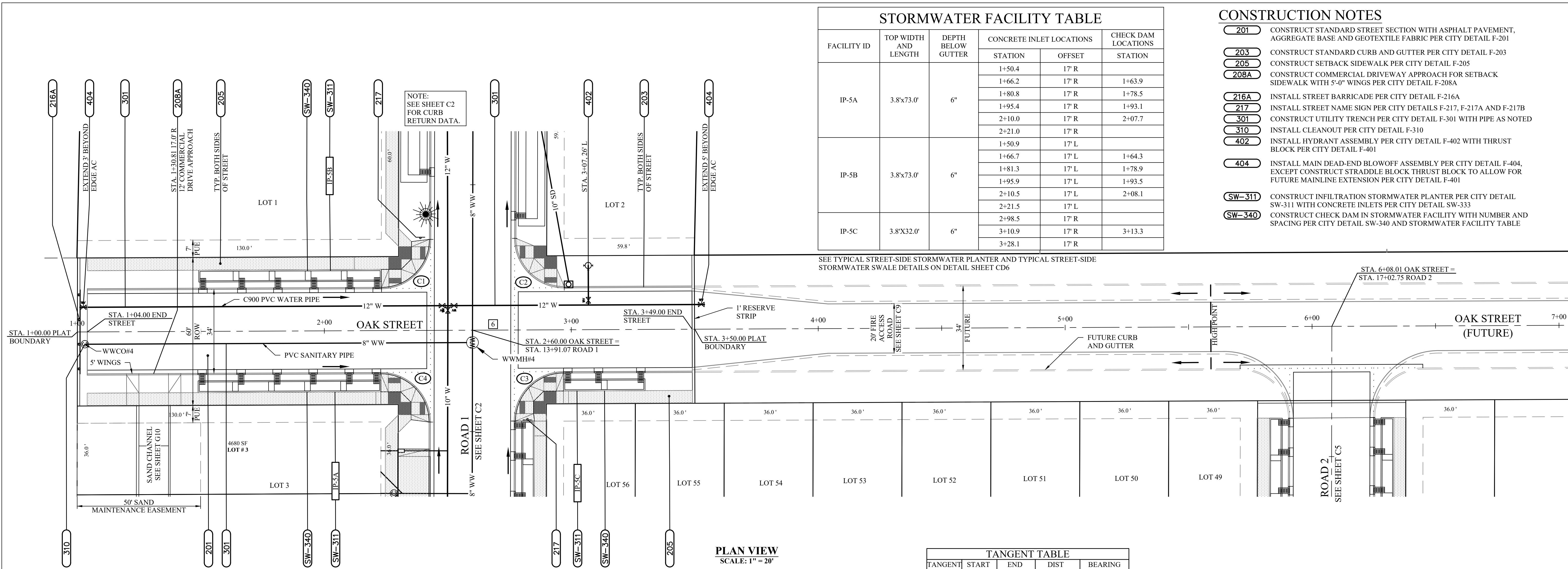
**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**ROAD 2 - PLAN AND PROFILE**  
**STATION 13+50 TO STATION 17+00**  
**FLORENCE, OREGON**

Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number

**C5**





### STORMWATER FACILITY TABLE

FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS		CHECK DAM LOCATIONS
			STATION	OFFSET	STATION
IP-5A	3.8'x73.0'	6"	1+50.4	17' R	
			1+66.2	17' R	1+63.9
			1+80.8	17' R	1+78.5
			1+95.4	17' R	1+93.1
			2+10.0	17' R	2+07.7
IP-5B	3.8'x73.0'	6"	1+50.9	17' L	
			1+66.7	17' L	1+64.3
			1+81.3	17' L	1+78.9
			1+95.9	17' L	1+93.5
			2+10.5	17' L	2+08.1
IP-5C	3.8'x32.0'	6"	2+21.5	17' L	
			2+98.5	17' R	
			3+10.9	17' R	3+13.3
			3+28.1	17' R	

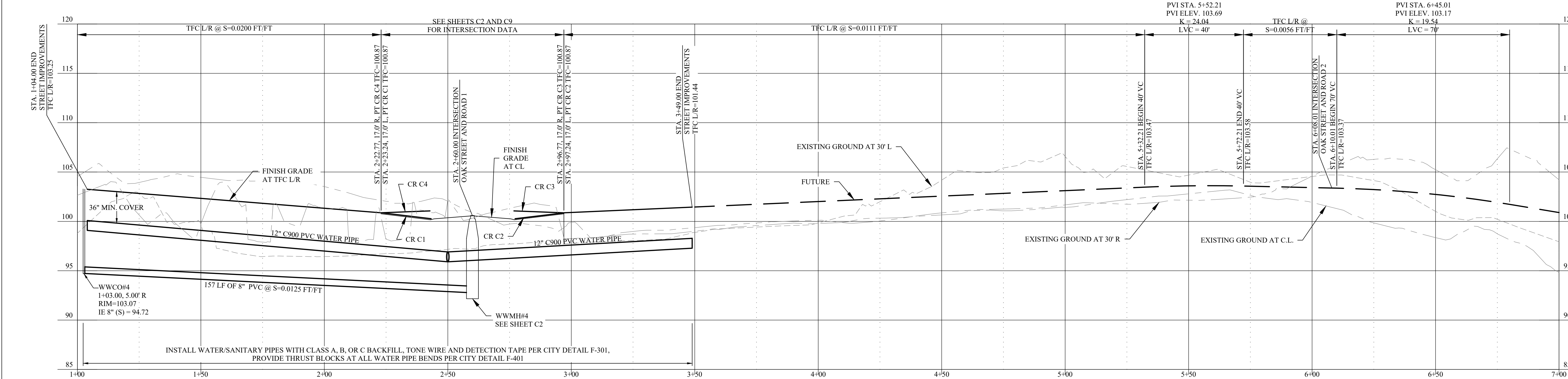
- ### CONSTRUCTION NOTES
- 201** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
  - 203** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
  - 205** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
  - 208A** CONSTRUCT COMMERCIAL DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH 5'-0" WINGS PER CITY DETAIL F-208A
  - 216A** INSTALL STREET BARRICADE PER CITY DETAIL F-216A
  - 217** INSTALL STREET NAME SIGN PER CITY DETAILS F-217, F-217A AND F-217B
  - 301** CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
  - 310** INSTALL CLEANOUT PER CITY DETAIL F-310
  - 402** INSTALL HYDRANT ASSEMBLY PER CITY DETAIL F-402 WITH THRUST BLOCK PER CITY DETAIL F-401
  - 404** INSTALL MAIN DEAD-END BLOWOFF ASSEMBLY PER CITY DETAIL F-404, EXCEPT CONSTRUCT STRADDLE BLOCK THRUST BLOCK TO ALLOW FOR FUTURE MAINLINE EXTENSION PER CITY DETAIL F-401
  - SW-311** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333
  - SW-340** CONSTRUCT CHECK DAM IN STORMWATER FACILITY WITH NUMBER AND SPACING PER CITY DETAIL SW-340 AND STORMWATER FACILITY TABLE

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6

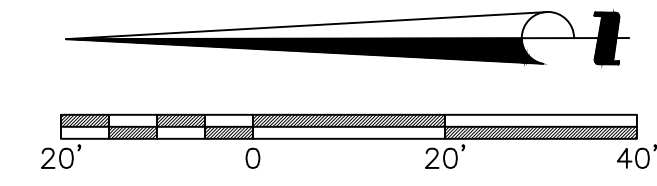
**PLAN VIEW**  
SCALE: 1" = 20"

### TANGENT TABLE

TANGENT	START	END	DIST	BEARING
[6]	1+04.00	3+48.95	244.95'	S0°15'24"E



**PROFILE VIEW**  
HORZ. SCALE: 1" = 20"  
VERT. SCALE: 1" = 5"



**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors

2558B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8087

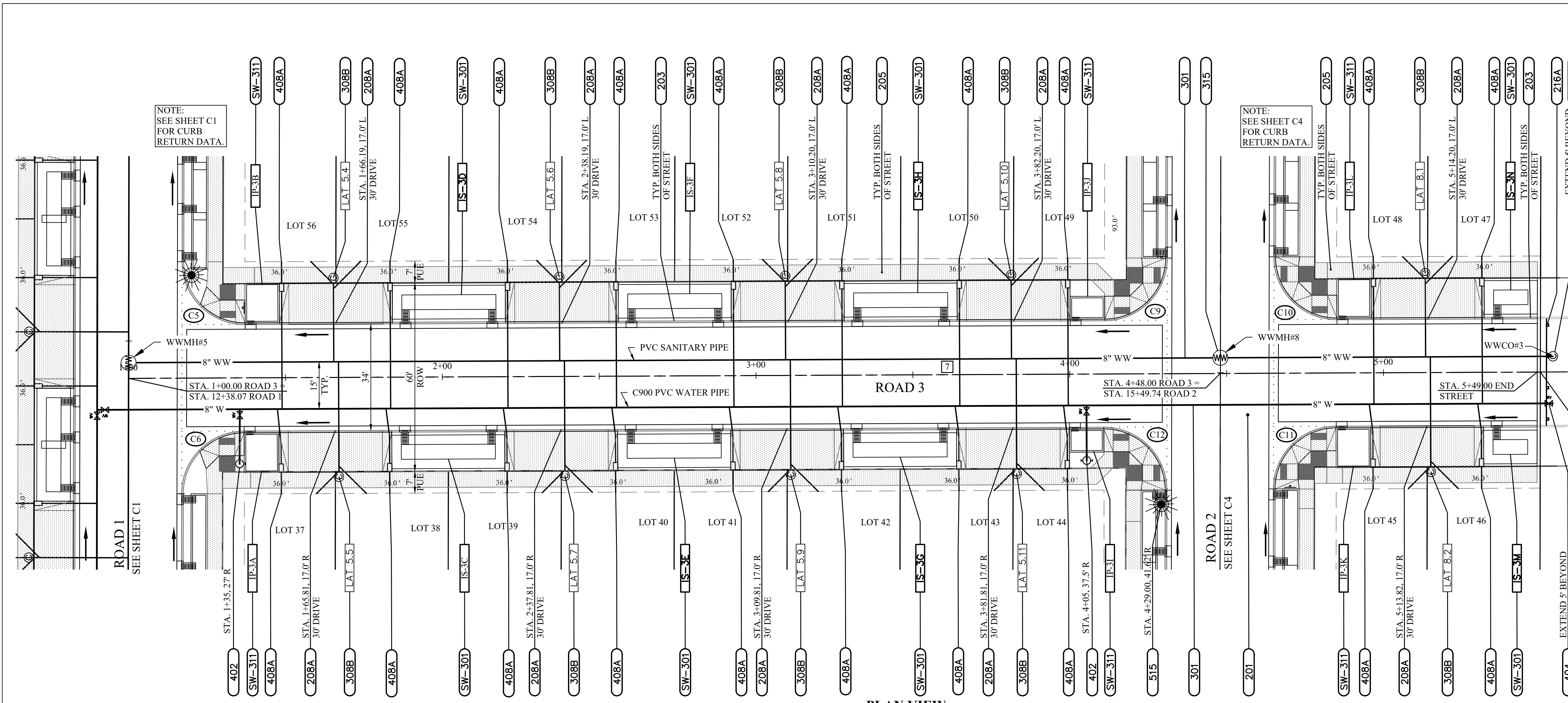


THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
OAK STREET - PLAN AND PROFILE  
STATION 1+00 TO STATION 6+50  
FLORENCE, OREGON

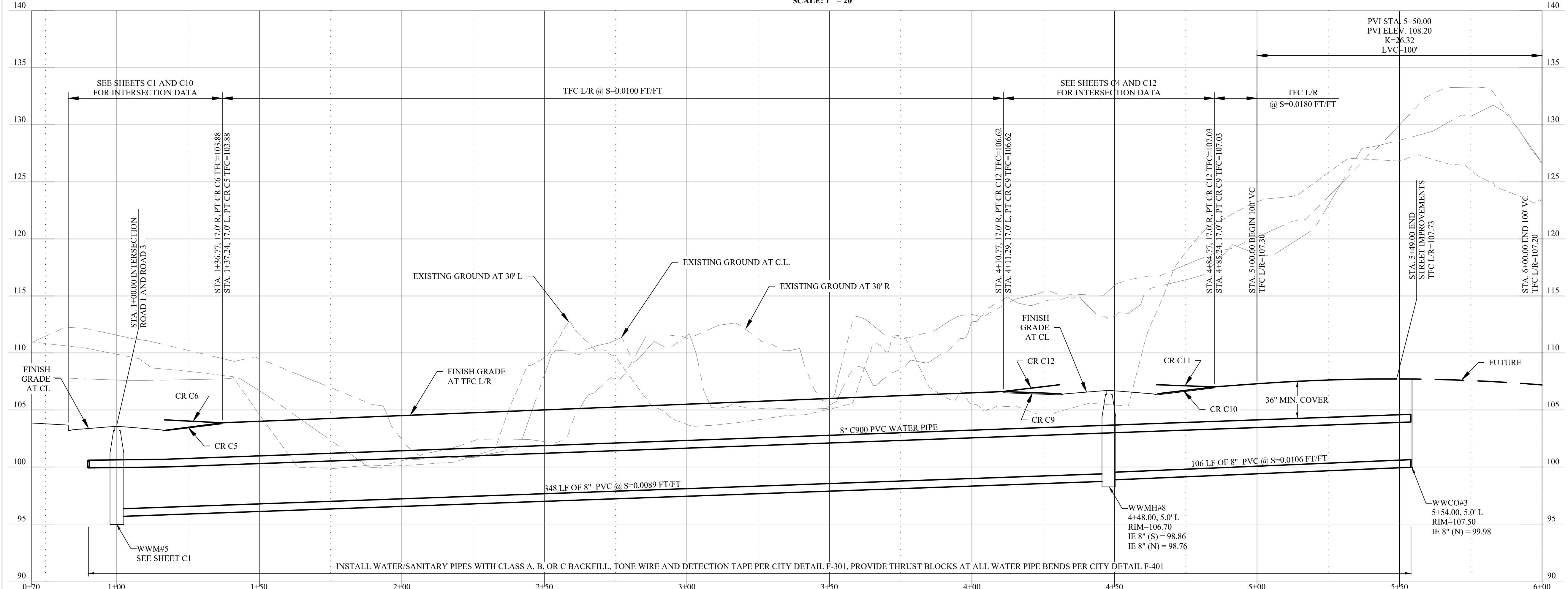
Date	Name	Date	Description of Revisions
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number

**C6**



PLAN VIEW  
SCALE: 1" = 20'



PROFILE VIEW  
HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'

CONSTRUCTION NOTES

- 201 CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
- 203 CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
- 205 CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
- 208A CONSTRUCT DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH STANDARD 3'-0" WINGS PER CITY DETAIL F-208A
- 216A INSTALL STREET BARRICADE PER CITY DETAIL F-216A
- 301 CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
- 308B INSTALL COMMON 6-INCH SEWER SERVICE PER CITY DETAIL F-308, EXCEPT LOCATE TERMINAL CLEANOUT (PER CITY DETAIL F-310A) IN WALK (INSIDE THE PUE), WITH 4-INCH LATERALS SERVING TWO LOTS (TWO 4-INCH LATERALS TOTAL EXTENDED TO BACK OF PUE, CAPPED AND MARKED)
- 310 INSTALL CLEANOUT PER CITY DETAIL F-310
- 315 INSTALL 48" MANHOLE PER CITY DETAILS F-312, F-313, F-315, F-316 AND F-321
- 402 INSTALL HYDRANT ASSEMBLY PER CITY DETAIL F-402 WITH THRUST BLOCK PER CITY DETAIL F-401
- 404 INSTALL MAIN DEAD-END BLOWOFF ASSEMBLY PER CITY DETAIL F-404, EXCEPT CONSTRUCT STRADDLE BLOCK THRUST BLOCK TO ALLOW FOR FUTURE MAINLINE EXTENSION PER CITY DETAIL F-401
- 408A INSTALL WATER SERVICE CONNECTION PER CITY DETAIL F-408A, WITH 2-INCH DIAMETER PLASTIC SLEEVE BETWEEN METER BOX AND BACK OF PUE FOR FUTURE HOUSE SERVICE LINE
- 515 INSTALL STREET LIGHT PER CITY DETAIL F-515 WITH CONDUIT AND JUNCTION BOX PER ELECTRIC COMPANY DESIGNS
- SW-301 CONSTRUCT INFILTRATION STORMWATER SWALE PER CITY DETAIL SW-301 WITH CONCRETE INLETS PER CITY DETAIL SW-333
- SW-311 CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333

LATERAL TABLE

LAT ID	LAT SIZE	PROPERTY LINE CLEANOUT	
		STATION	OFFSET
LAT 5.4	6"	1+65.4	31.7' L
LAT 5.5	6"	1+66.9	31.7' R
LAT 5.6	6"	2+37.4	31.7' L
LAT 5.7	6"	2+38.9	31.7' R
LAT 5.8	6"	3+09.4	31.7' L
LAT 5.9	6"	3+10.9	31.7' R
LAT 5.10	6"	3+81.4	31.7' L
LAT 5.11	6"	3+82.9	31.7' R
LAT 8.1	6"	5+13.4	31.7' L
LAT 8.2	6"	5+14.9	31.7' R

TANGENT TABLE

TANGENT	START	END	DIST	BEARING
7	1+00.00	5+49.00	449.00'	S0°15'24"E

STORMWATER FACILITY TABLE

FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS	
			STATION	OFFSET
IP-3A	11.7x10.0'	8"	1+38.5	17' R
IP-3B	11.7x10.0'	8"	1+39.0	17' L
IS-3C	12.7x36.0'	6"	1+88.0	17' R
			2+15.6	17' R
IS-3D	12.7x36.0'	6"	1+88.4	17' L
			2+16.0	17' L
IS-3E	12.7x36.0'	6"	2+60.0	17' R
			2+87.6	17' R
IS-3F	12.7x36.0'	6"	2+60.4	17' L
			2+88.0	17' L
IS-3G	12.7x36.0'	6"	3+32.0	17' R
			3+59.6	17' R
IS-3H	12.7x36.0'	6"	3+32.4	17' L
			3+60.0	17' L
IP-3I	6.4x10.0'	6"	4+01.6	17' R
IP-3J	6.3x10.0'	6"	4+02.0	17' L
IP-3K	11.7x10.0'	8"	4+86.6	17' R
IP-3L	11.7x10.0'	8"	4+87.0	17' L
IS-3M	12.7x17.0'	6"	5+36.0	17' R
IS-3N	12.7x17.0'	6"	5+36.4	17' L

SEE TYPICAL STREET-SIDE STORMWATER PLANTER AND TYPICAL STREET-SIDE STORMWATER SWALE DETAILS ON DETAIL SHEET CD6

**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2535B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax: (541) 688-8087



THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
ROAD 3 - PLAN AND PROFILE  
STATION 0+70 TO STATION 6+00  
FLORENCE, OREGON

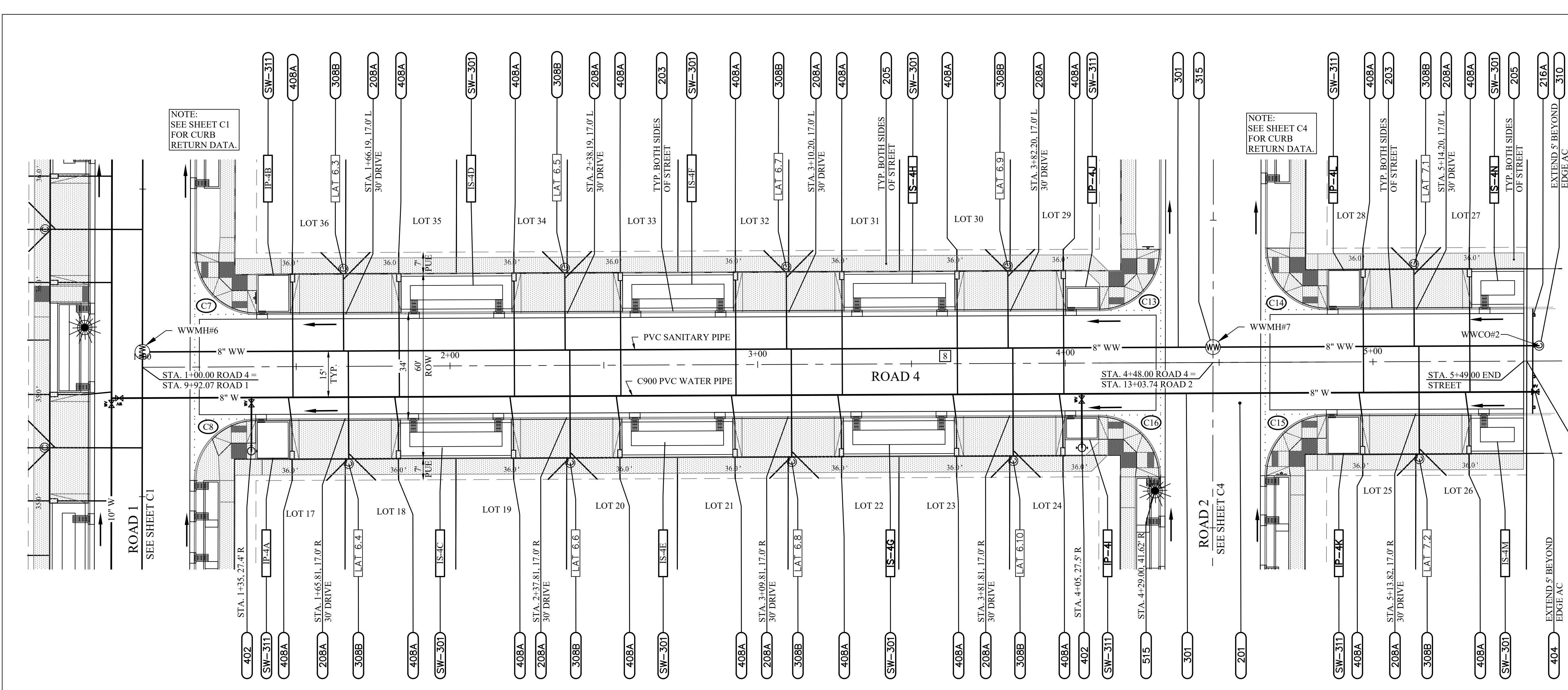
Date	Description of Revisions	No	Name
01-29-2021			

Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

Sheet Number

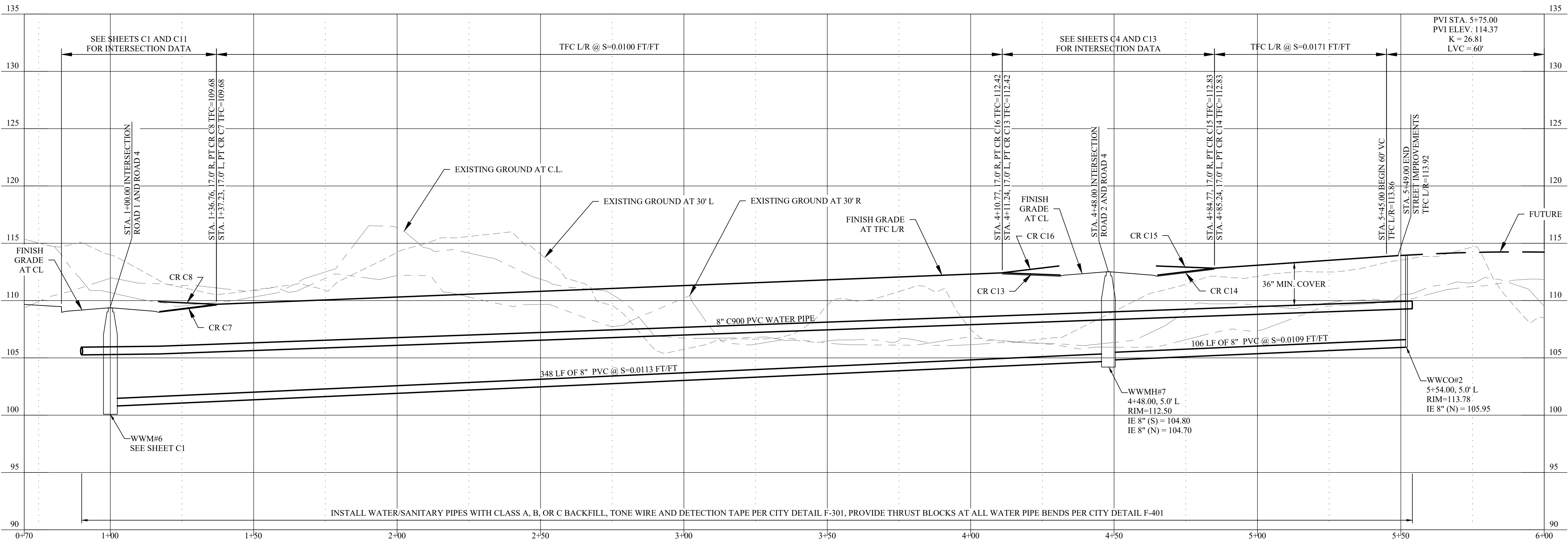
C7



- ### CONSTRUCTION NOTES
- 201** CONSTRUCT STANDARD STREET SECTION WITH ASPHALT PAVEMENT, AGGREGATE BASE AND GEOTEXTILE FABRIC PER CITY DETAIL F-201
  - 203** CONSTRUCT STANDARD CURB AND GUTTER PER CITY DETAIL F-203
  - 205** CONSTRUCT SETBACK SIDEWALK PER CITY DETAIL F-205
  - 208A** CONSTRUCT DRIVEWAY APPROACH FOR SETBACK SIDEWALK WITH STANDARD 3'-0" WINGS PER CITY DETAIL F-208A
  - 216A** INSTALL STREET BARRICADE PER CITY DETAIL F-216A
  - 301** CONSTRUCT UTILITY TRENCH PER CITY DETAIL F-301 WITH PIPE AS NOTED
  - 308B** INSTALL COMMON 6-INCH SEWER SERVICE PER CITY DETAIL F-308, EXCEPT LOCATE TERMINAL CLEANOUT (PER CITY DETAIL F-310A) IN WALK (INSIDE THE PUE), WITH 4-INCH LATERALS SERVING TWO LOTS (TWO 4-INCH LATERALS TOTAL EXTENDED TO BACK OF PUE, CAPPED AND MARKED)
  - 310** INSTALL CLEANOUT PER CITY DETAIL F-310
  - 315** INSTALL 48" MANHOLE PER CITY DETAILS F-312, F-313, F-315, F-316 AND F-321
  - 402** INSTALL HYDRANT ASSEMBLY PER CITY DETAIL F-402 WITH THRUST BLOCK PER CITY DETAIL F-401
  - 404** INSTALL MAIN DEAD-END BLOWOFF ASSEMBLY PER CITY DETAIL F-404, EXCEPT CONSTRUCT STRADDLE BLOCK THRUST BLOCK TO ALLOW FOR FUTURE MAINLINE EXTENSION PER CITY DETAIL F-401
  - 408A** INSTALL WATER SERVICE CONNECTION PER CITY DETAIL F-408A, WITH 2-INCH DIAMETER PLASTIC SLEEVE BETWEEN METER BOX AND BACK OF PUE FOR FUTURE HOUSE SERVICE LINE
  - 515** INSTALL STREET LIGHT PER CITY DETAIL F-515 WITH CONDUIT AND JUNCTION BOX PER ELECTRIC COMPANY DESIGNS
  - SW-301** CONSTRUCT INFILTRATION STORMWATER SWALE PER CITY DETAIL SW-301 WITH CONCRETE INLETS PER CITY DETAIL SW-333
  - SW-311** CONSTRUCT INFILTRATION STORMWATER PLANTER PER CITY DETAIL SW-311 WITH CONCRETE INLETS PER CITY DETAIL SW-333

LAT ID	LAT SIZE	PROPERTY LINE CLEANOUT	
		STATION	OFFSET
LAT 6.3	6"	1+65.4	31.7 L
LAT 6.4	6"	1+66.9	31.7 R
LAT 6.5	6"	2+37.4	31.7 L
LAT 6.6	6"	2+38.9	31.7 R
LAT 6.7	6"	3+09.4	31.7 L
LAT 6.8	6"	3+10.9	31.7 R
LAT 6.9	6"	3+81.4	31.7 L
LAT 6.10	6"	3+82.9	31.7 R
LAT 7.1	6"	5+13.4	31.7 L
LAT 7.2	6"	5+14.9	31.7 R

TANGENT	START	END	DIST	BEARING
8	1+00.00	5+49.00	449.00'	S0°15'24"E



### STORMWATER FACILITY TABLE

FACILITY ID	TOP WIDTH AND LENGTH	DEPTH BELOW GUTTER	CONCRETE INLET LOCATIONS	
			STATION	OFFSET
IP-4A	11.7x10.0'	8"	1+38.5	17 R
IP-4B	11.7x10.0'	8"	1+39.0	17 L
IS-4C	12.7x36.0'	6"	1+88.0	17 R
			2+15.6	17 R
IS-4D	12.7x36.0'	6"	1+88.4	17 L
			2+16.0	17 L
IS-4E	12.7x36.0'	6"	2+60.0	17 R
			2+87.6	17 R
IS-4F	12.7x36.0'	6"	2+60.4	17 L
			2+88.0	17 L
IS-4G	12.7x36.0'	6"	3+32.0	17 R
			3+59.6	17 R
IS-4H	12.7x36.0'	6"	3+32.4	17 L
			3+60.0	17 L
IP-4I	6.4x10.0'	6"	4+01.6	17 R
IP-4J	6.3x10.0'	6"	4+02.0	17 L
IP-4K	11.7x10.0'	8"	4+86.6	17 R
IP-4L	11.7x10.0'	8"	4+87.0	17 L
IS-4M	12.7x17.0'	6"	5+36.0	17 R
			5+36.4	17 L
IS-4N	12.7x17.0'	6"	5+36.4	17 L

**PROFILE VIEW**  
 HORZ. SCALE: 1" = 20'  
 VERT. SCALE: 1" = 5'

INSTALL WATER/SANITARY PIPES WITH CLASS A, B, OR C BACKFILL, TONE WIRE AND DETECTION TAPE PER CITY DETAIL F-301, PROVIDE THRUST BLOCKS AT ALL WATER PIPE BENDS PER CITY DETAIL F-401

**EGR & Associates, Inc.**  
 Engineers, Geologists, and Surveyors

2556B Prairie Road  
 Eugene, Oregon 97402

(541) 688-8322  
 Fax: (541) 688-8087

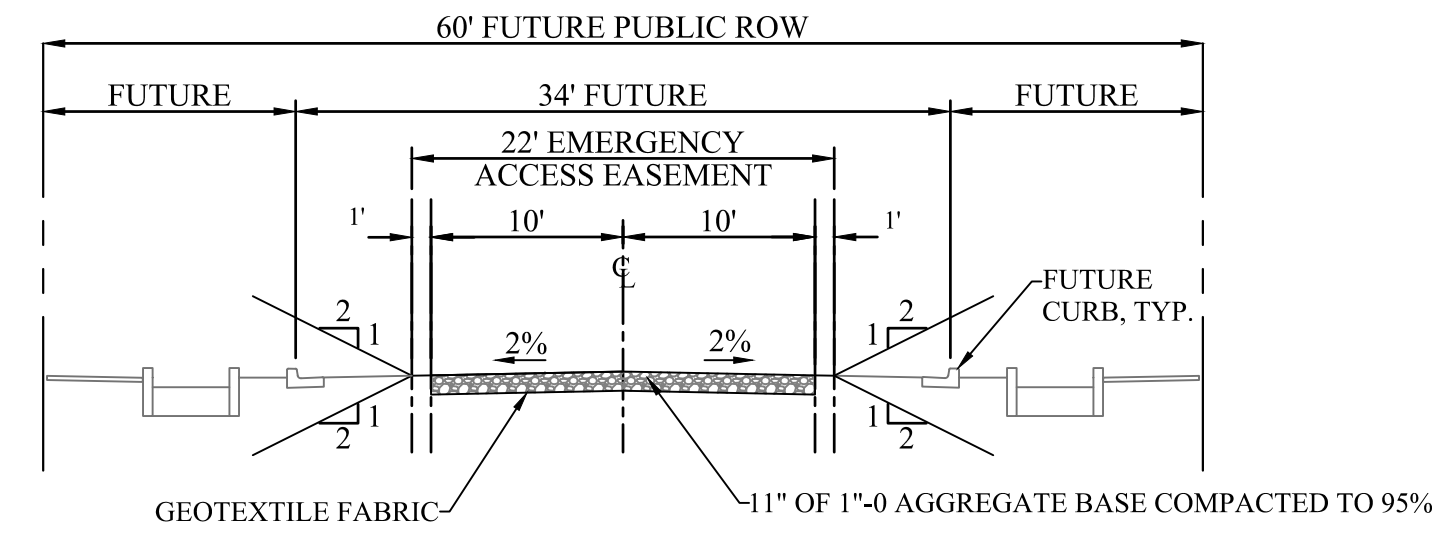
THREE MILE PRAIRIE SUBDIVISION  
 PHASE 1 CONSTRUCTION DRAWINGS  
 ROAD 4 - PLAN AND PROFILE  
 STATION 0+70 TO STATION 6+00  
 FLORENCE, OREGON

RECEIVED PROFESSIONAL  
 SURVEYOR  
 REG. NO. 14376 PE  
 OREGON  
 CLINTON L. BEECROFT  
 MAY 20, 2021

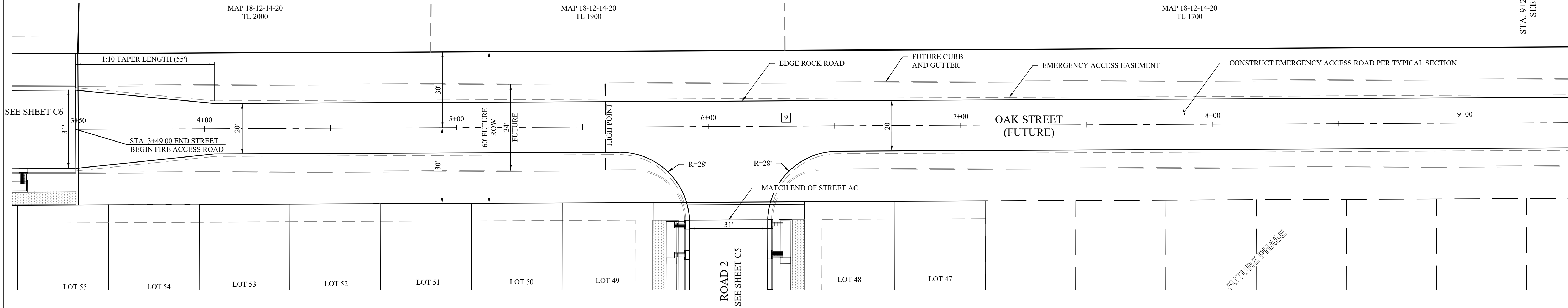
REVISIONS: 01/01/22

Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

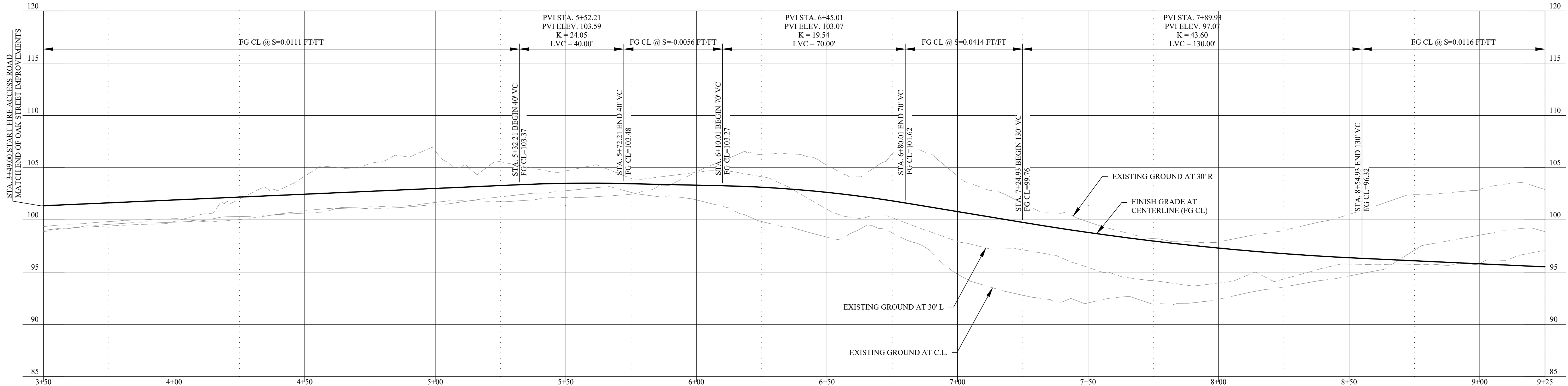
TANGENT TABLE				
TANGENT	START	END	DIST	BEARING
9	3+50.00	9+25.00	575.00'	S0°15'24"E



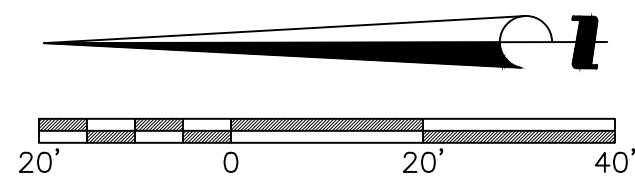
**EMERGENCY ACCESS ROAD TYPICAL SECTION**  
NOTE: FUTURE TOP CURB ELEVATION = FG CL + 0.10'



**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'

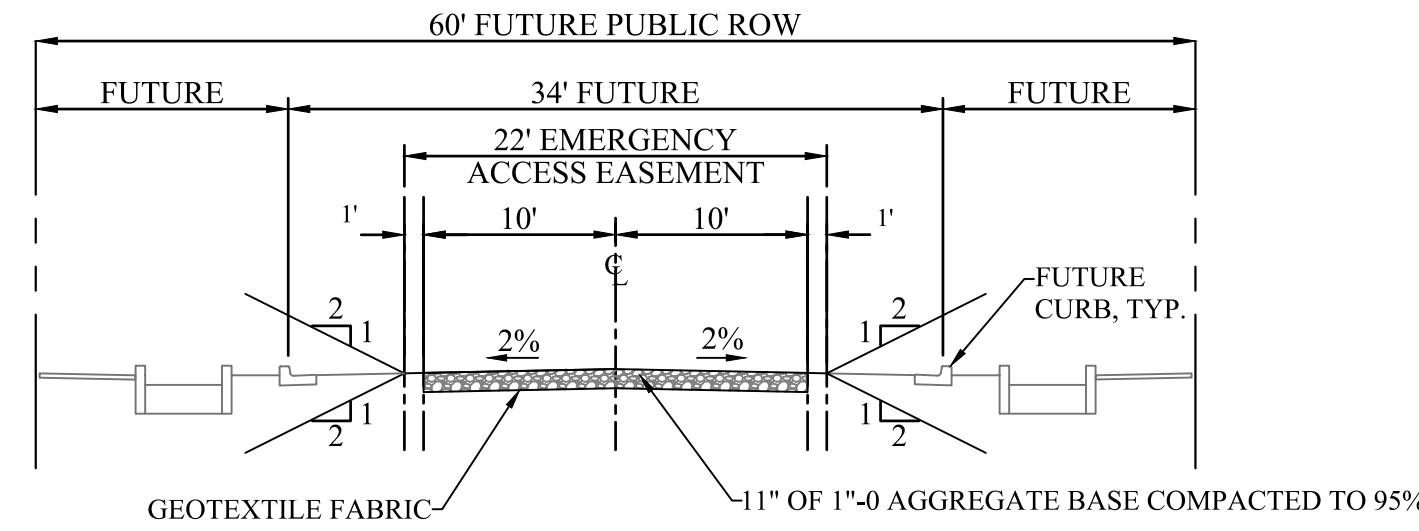
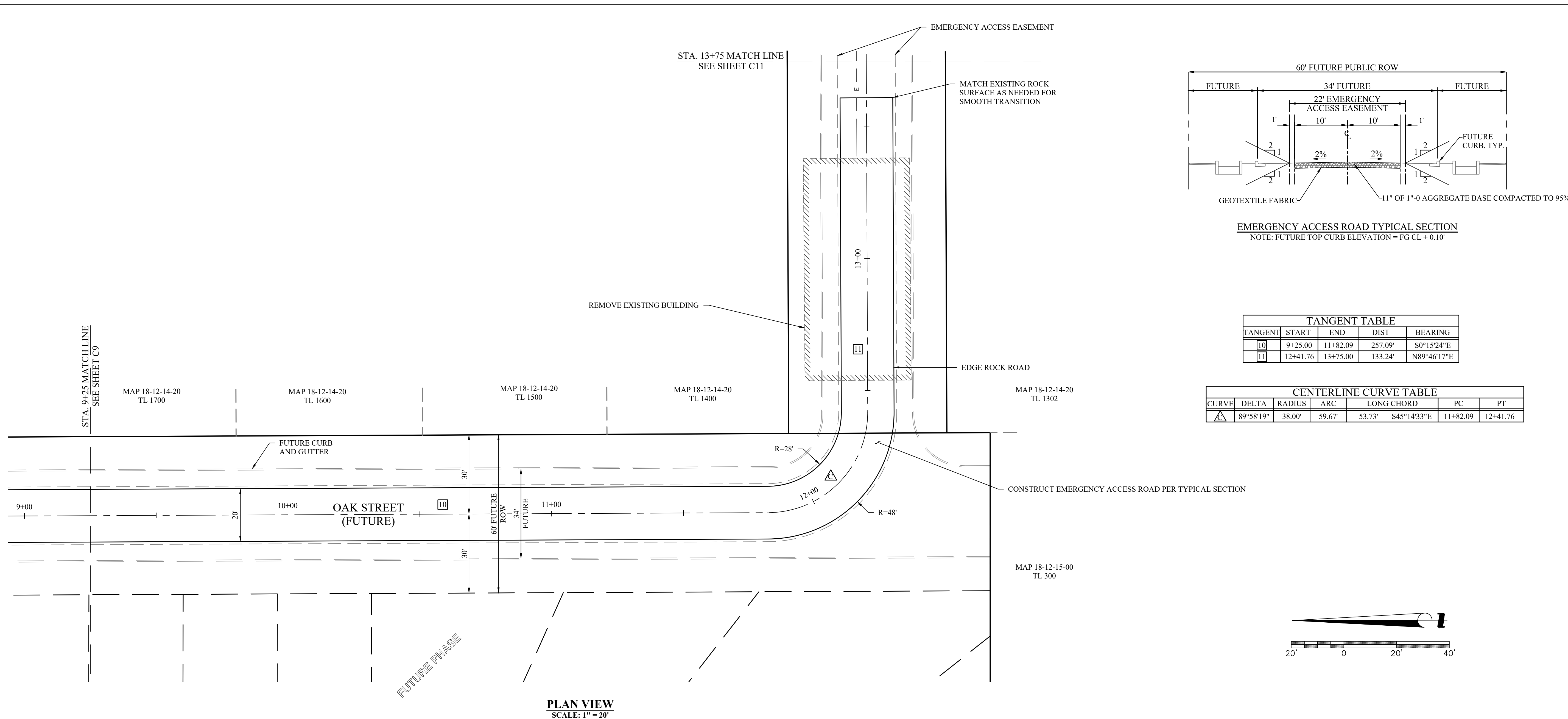


**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**EMERGENCY ACCESS ROAD**  
**STATION 3+50 TO STATION 9+25**  
**FLORENCE, OREGON**

Date	Name	Date	Description of Revisions
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number

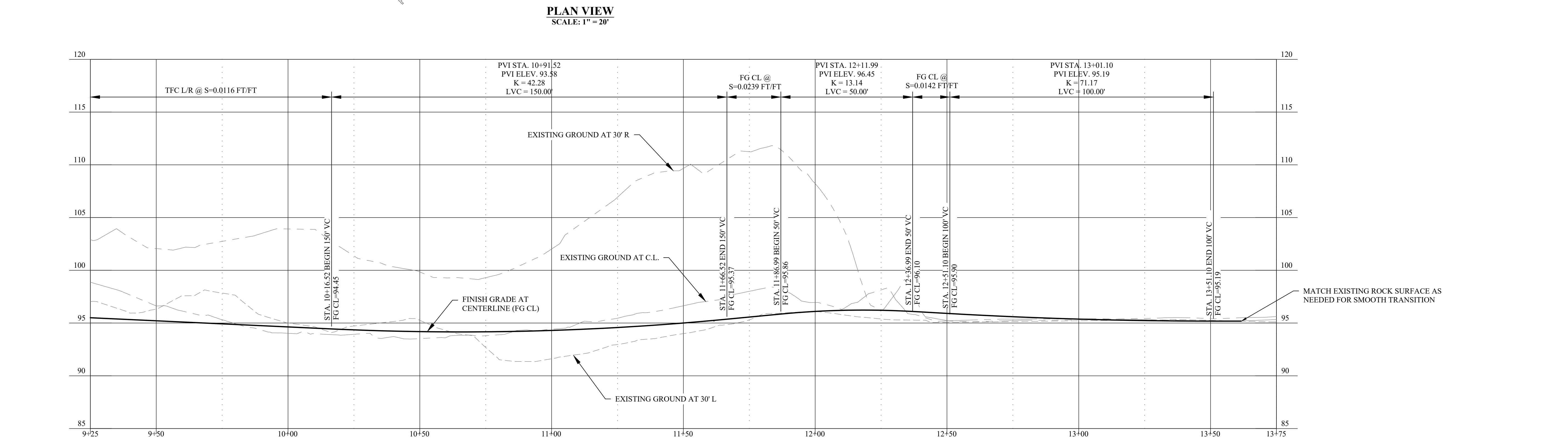
Jan 29, 2021 - 12:16pm  
18-0134-TE [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE] [18-0134-TE]  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg  
S:\projects\18-0134-TE\18-0134-TE.dwg



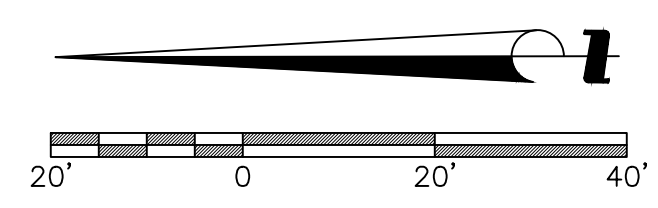
**EMERGENCY ACCESS ROAD TYPICAL SECTION**  
NOTE: FUTURE TOP CURB ELEVATION = FG CL + 0.10'

TANGENT TABLE				
TANGENT	START	END	DIST	BEARING
10	9+25.00	11+82.09	257.09'	S0°15'24"E
11	12+41.76	13+75.00	133.24'	N89°46'17"E

CENTERLINE CURVE TABLE						
CURVE	DELTA	RADIUS	ARC	LONG CHORD	PC	PT
10	89°58'19"	38.00'	59.67'	53.73'	S45°14'33"E	11+82.09
11						12+41.76



**PROFILE VIEW**  
HORIZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 5'



**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors  
2558B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax (541) 688-8087

RENEWALS: 01/01/22

**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**EMERGENCY ACCESS ROAD**  
**STATION 9+25 TO STATION 13+75**  
**FLORENCE, OREGON**

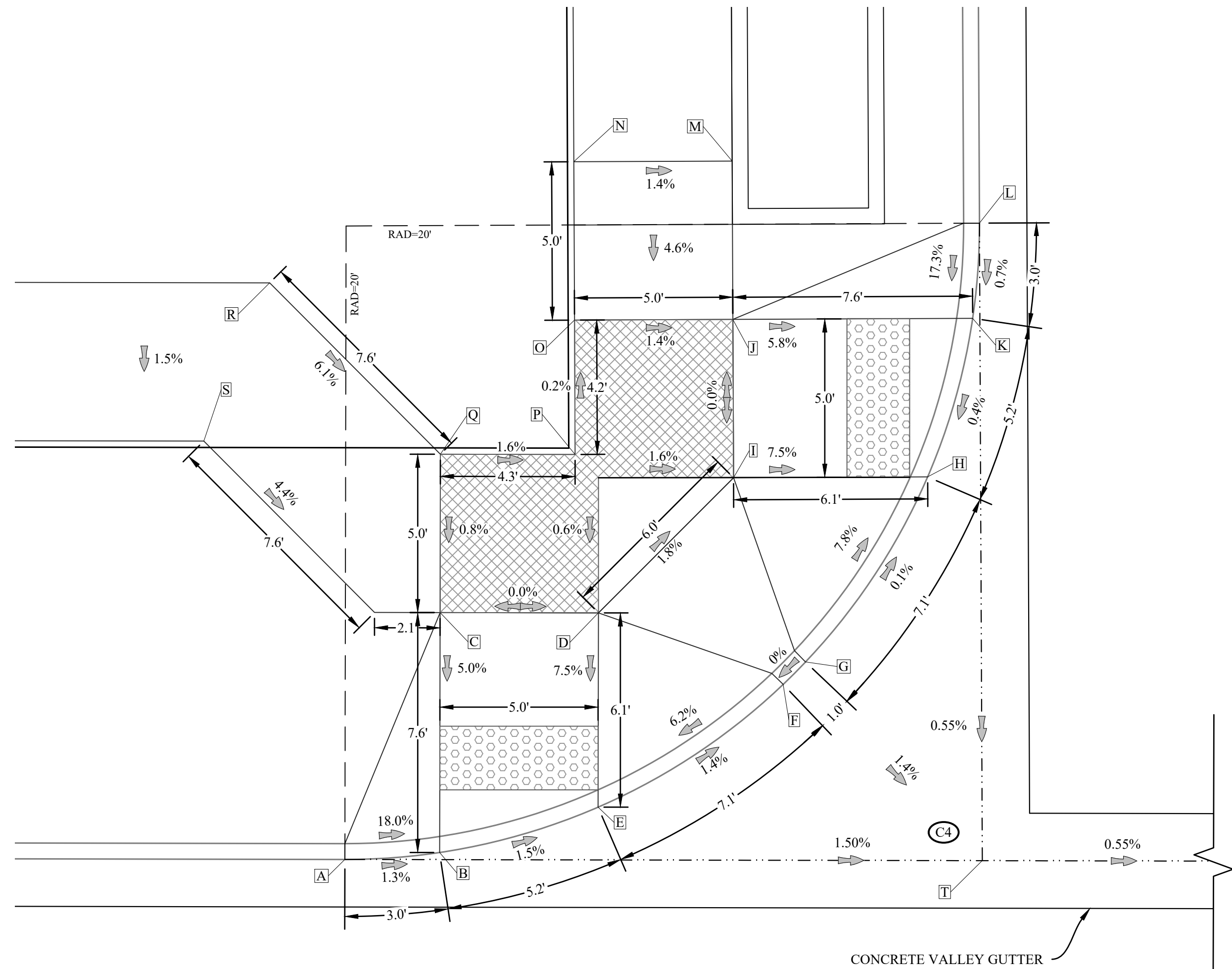
Date	No	Description of Revisions	Date	Name
01-29-2021				

Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

Sheet Number **C10**

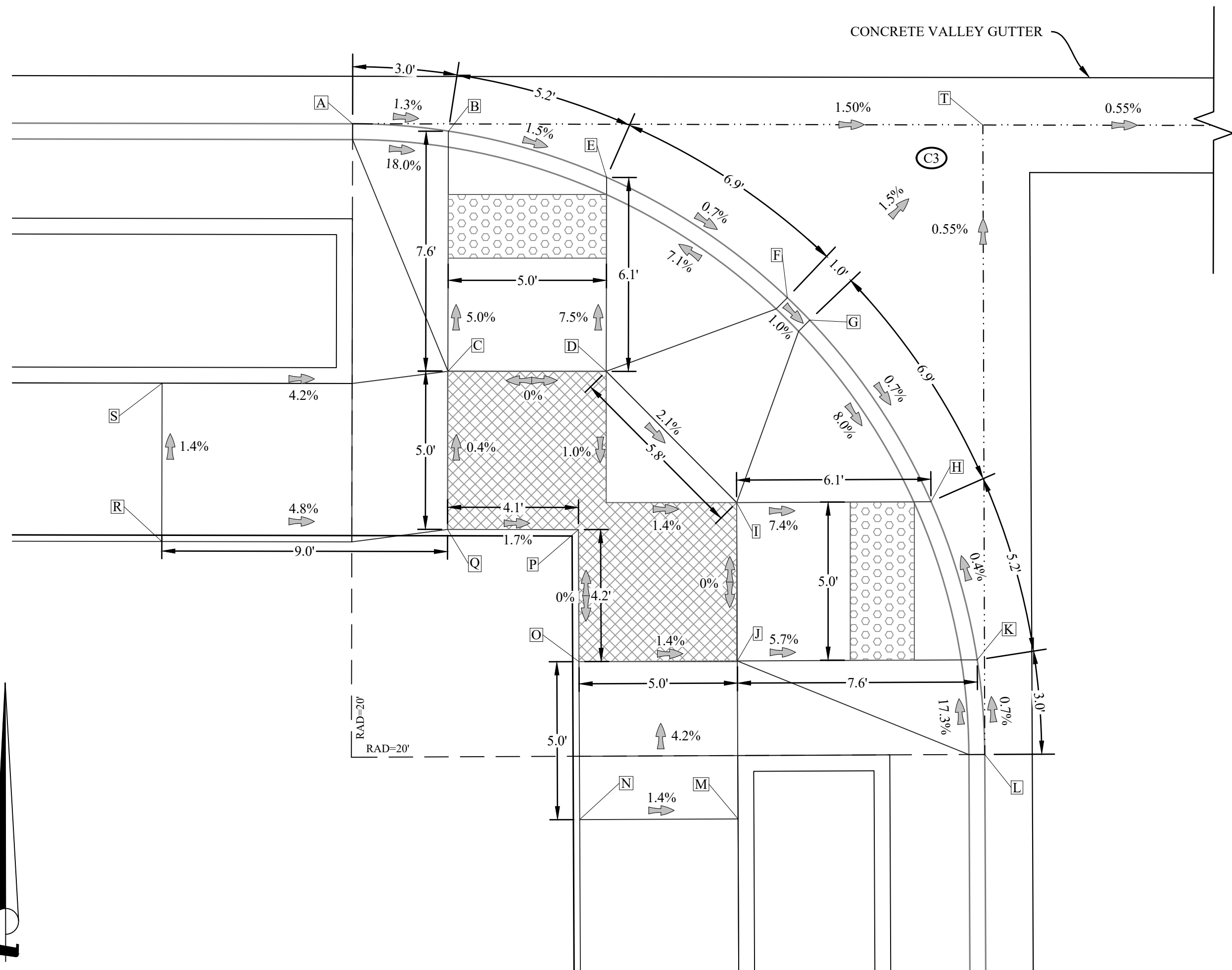


CR C4 DATA	
RADIUS=20'	
L=31.54'	
A	101.06 TFC
B	100.56 FL
C	100.52 FL
D	100.90 RMP
E	100.44 FL
F	100.88 TFC
G	100.38 FL
H	100.33 FL
I	100.79 RMP
J	100.79 RMP
K	100.35 FL
L	100.87 TFC
M	101.02 FW
N	101.09 BW
O	100.86 BW
P	100.87 BW
Q	100.94 BW
R	101.40 BW
S	101.33 FW
T	100.26 FL



NW QUADRANT OAK STREET AND ROAD 1

CR C3 DATA	
RADIUS=20'	
L=31.29'	
A	101.06 TFC
B	100.52 FL
C	100.90 RMP
D	100.90 RMP
E	100.44 FL
F	100.89 TFC
G	100.38 FL
H	100.33 FL
I	100.78 RMP
J	100.78 RMP
K	100.35 FL
L	100.87 TFC
M	100.99 FW
N	101.06 BW
O	100.85 BW
P	100.85 BW
Q	100.92 BW
R	101.35 BW
S	101.28 FW
T	100.26 FL

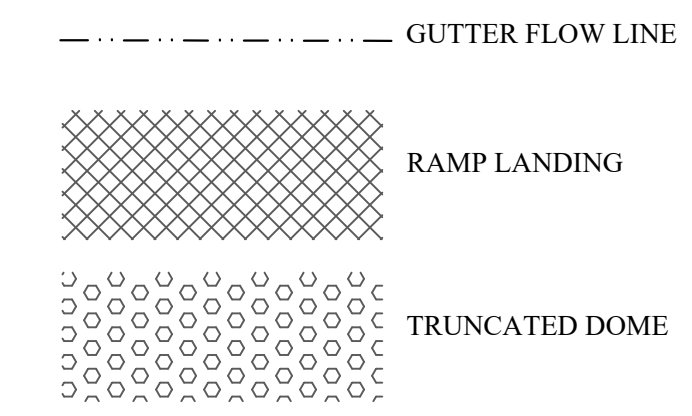


SW QUADRANT OAK STREET AND ROAD 1

OAK STREET

OAK STREET

LEGEND THIS SHEET



CR C1 DATA	
RADIUS=20'	
L=31.29'	
A	100.27 TFC
B	99.77 FL
C	100.35 RMP
D	100.35 RMP
E	99.89 FL
F	100.56 TFC
G	100.38 FL
H	100.25 FL
I	100.51 RMP
J	100.51 RMP
K	100.33 FL
L	100.87 TFC
M	101.20 FW
N	101.20 BW
O	100.51 BW
P	100.43 BW
Q	100.42 BW
R	100.44 BW
S	100.36 FW
T	100.07 FL

CR C2 DATA	
RADIUS=20'	
L=31.54'	
A	100.27 TFC
B	99.77 FL
C	100.35 RMP
D	100.35 RMP
E	99.89 FL
F	100.56 TFC
G	100.38 FL
H	100.25 FL
I	100.50 RMP
J	100.50 RMP
K	100.33 FL
L	100.87 TFC
M	100.50 BW
N	100.43 BW
O	100.42 BW
P	100.07 FL

NE QUADRANT OAK STREET AND ROAD 1

SE QUADRANT OAK STREET AND ROAD 1

ABBREVIATIONS THIS SHEET:

- BW BACK WALK
- CR CURB RETURN
- FL FLOW LINE
- FW FRONT WALK
- RAD RADIUS
- RMP RAMP
- TFC TOP FACE CURB

NOTE: SEE STANDARD DRAWING F-206 FOR GENERAL NOTES FOR ALL RAMPS

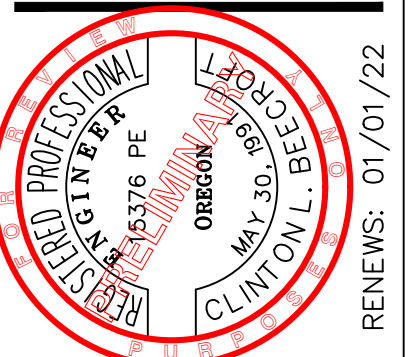
**EGR & Associates, Inc.**  
Engineers, Geologists, and Surveyors

2558B Prairie Road  
Eugene, Oregon 97402  
(541) 688-8322  
Fax: (541) 688-8087

THREE MILE PRAIRIE SUBDIVISION  
PHASE 1 CONSTRUCTION DRAWINGS  
SIDEWALK ACCESS RAMP DETAILS  
OAK STREET AND ROAD 1 INTERSECTION  
FLORENCE, OREGON

Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number  
**C12**



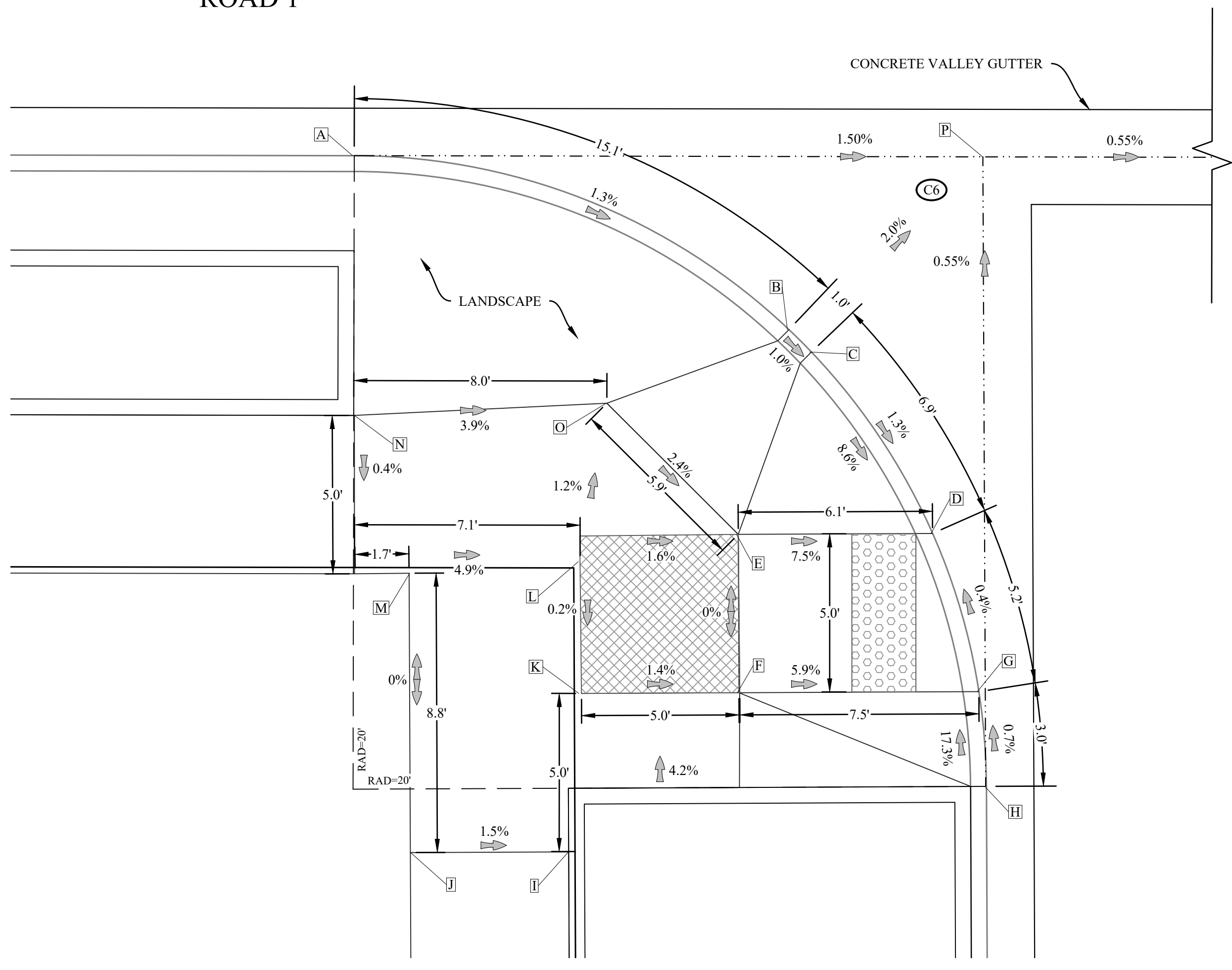
RENEWS: 01/01/22

CR C6 DATA	
RADIUS=20'	
L=31.29'	
A	104.14 TFC
	103.64 FL
B	103.94 TFC
	103.44 FL
C	103.93 TFC
	103.43 FL
D	103.34 FL
E	103.80 RMP
F	103.80 RMP
G	103.36 FL
H	103.88 TFC
	103.38 FL
I	104.08 FW
J	104.15 BW
K	103.87 BW
L	103.88 BW
M	104.15 BW
N	104.25 FW
O	103.94 FW
P	103.27 FL

CR C5 DATA	
RADIUS=20'	
L=31.54'	
A	103.23 TFC
	102.73 FL
B	103.58 TFC
	103.08 FL
C	103.60 TFC
	103.10 FL
D	103.26 FL
E	103.72 RMP
F	103.72 RMP
G	103.34 FL
H	103.88 TFC
	103.38 FL
I	104.02 FW
J	104.02 BW
K	103.72 BW
L	103.64 BW
M	103.48 BW
N	103.34 FW
O	103.58 FW
P	103.08 FL

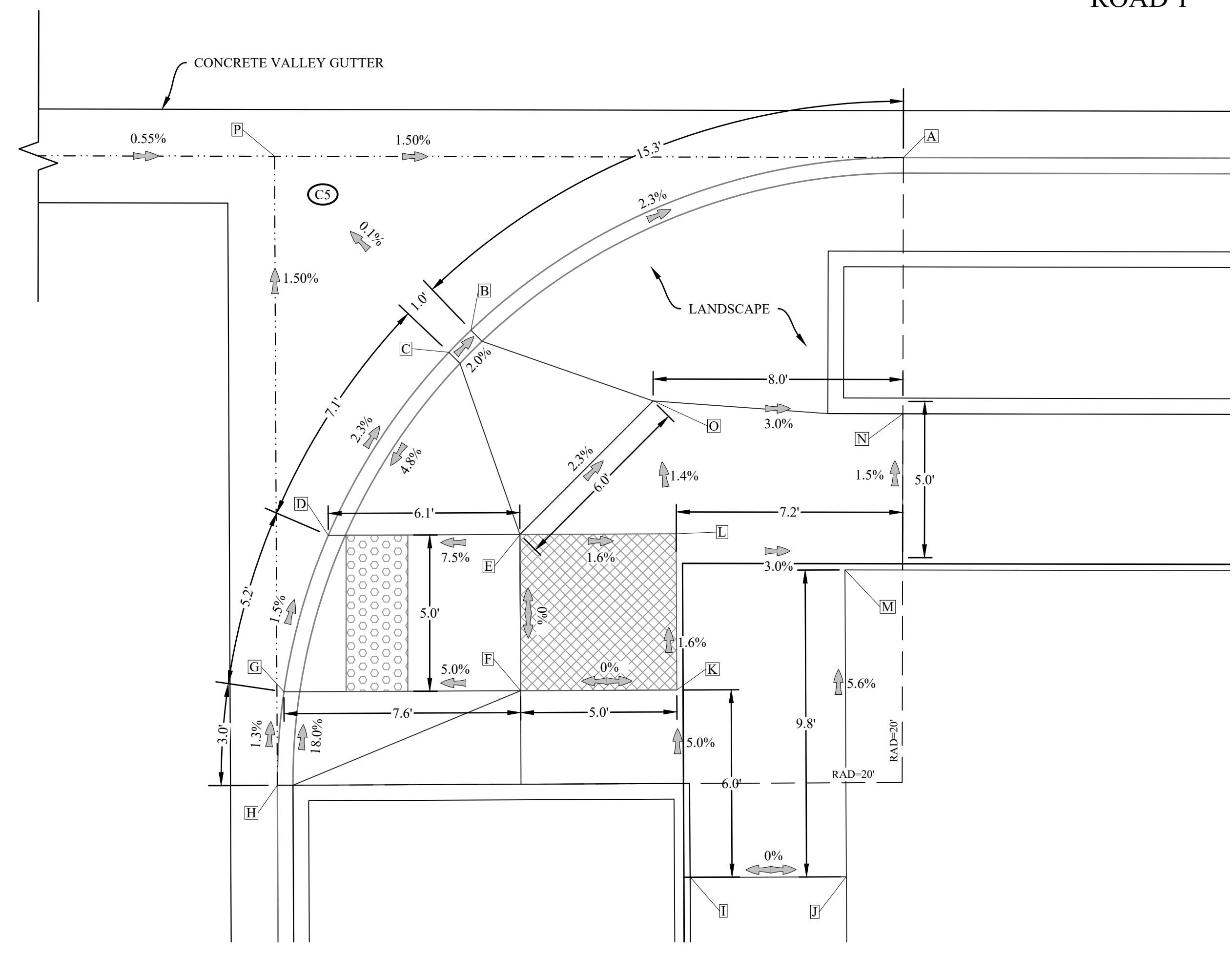
ROAD 1

ROAD 1



SW QUADRANT ROAD 1 AND ROAD 3

ROAD 3



SE QUADRANT ROAD 1 AND ROAD 3

**LEGEND THIS SHEET**

- GUTTER FLOW LINE
- [Cross-hatched box] RAMP LANDING
- [Dotted box] TRUNCATED DOME

**ABBREVIATIONS THIS SHEET:**

- BW BACK WALK
  - CR CURB RETURN
  - FL FLOW LINE
  - FW FRONT WALK
  - RAD RADIUS
  - RMP RAMP
  - TFC TOP FACE CURB
- NOTE: SEE STANDARD DRAWING F-206 FOR GENERAL NOTES FOR ALL RAMPS

**THREE MILE PRAIRIE SUBDIVISION**  
**PHASE 1 CONSTRUCTION DRAWINGS**  
**SIDEWALK ACCESS RAMP DETAILS**  
**ROAD 1 AND ROAD 3 INTERSECTION**  
**FLORENCE, OREGON**

No	Description of Revisions	Date	Name

Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	688E-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

Sheet Number  
**C13**

Feb 01, 2021 - 10:45am  
 S:\Projects\688E-18-0134-Sub\Drawings\18-0134-ADA-Ramps.dwg LAYOUT=C13  
 User: clbeecroft  
 Plot Date: 02/01/2021 10:45:44 AM  
 Reference: 18-0134-TE [18-0134-LINEWORK] [18-0134-LINEWORK.dwg]  
 Plot File: S:\Projects\688E-18-0134-Sub\Drawings\18-0134-ADA-Ramps.dwg LAYOUT=C13





CR C12 DATA	
RADIUS=20'	
L=31.54'	
A	107.22 TFC
B	106.72 FL
C	106.68 FL
D	106.86 RMP
E	106.86 RMP
F	106.60 FL
G	106.93 TFC
H	106.43 FL
I	106.91 TFC
J	106.41 FL
K	106.70 RMP
L	106.70 RMP
M	106.16 FL
N	106.62 TFC
O	106.12 FL
P	106.74 FW
Q	106.76 FW
R	106.77 BW
S	106.78 BW
T	106.86 BW
U	106.86 BW

CR C11 DATA	
RADIUS=20'	
L=31.29'	
A	107.22 TFC
B	106.72 FL
C	107.03 RMP
D	107.03 RMP
E	106.60 FL
F	107.05 TFC
G	106.54 FL
H	106.49 FL
I	106.95 RMP
J	106.95 RMP
K	106.51 FL
L	107.03 TFC
M	106.53 FL
N	107.25 FW
O	107.33 BW
P	107.02 BW
Q	107.03 BW
R	107.10 BW
S	107.52 BW
T	107.44 FW
U	106.42 FL
V	107.13 FW
W	107.12 BW
X	107.11 BW

CR C9 DATA	
RADIUS=20'	
L=31.29'	
A	106.43 TFC
B	105.93 FL
C	106.50 RMP
D	106.50 RMP
E	106.05 FL
F	106.72 TFC
G	106.22 FL
H	106.22 FL
I	106.62 RMP
J	106.62 RMP
K	106.14 FL
L	106.62 TFC
M	106.12 FL
N	106.74 FW
O	106.77 FW
P	106.64 BW
Q	106.57 BW
R	106.61 BW
S	106.54 FW
T	106.23 FL
U	106.80 BW

CR C10 DATA	
RADIUS=20'	
L=31.54'	
A	106.43 TFC
B	105.93 FL
C	106.51 RMP
D	106.51 RMP
E	106.05 FL
F	106.72 TFC
G	106.22 FL
H	106.74 TFC
I	106.24 FL
J	106.65 RMP
K	106.49 FL
L	107.03 TFC
M	106.53 FL
N	107.36 FW
O	107.36 BW
P	106.66 BW
Q	106.59 BW
R	106.58 BW
S	106.61 BW
T	106.54 FW
U	106.23 FL
V	106.59 BW
W	106.66 BW

**LEGEND THIS SHEET**

--- GUTTER FLOW LINE

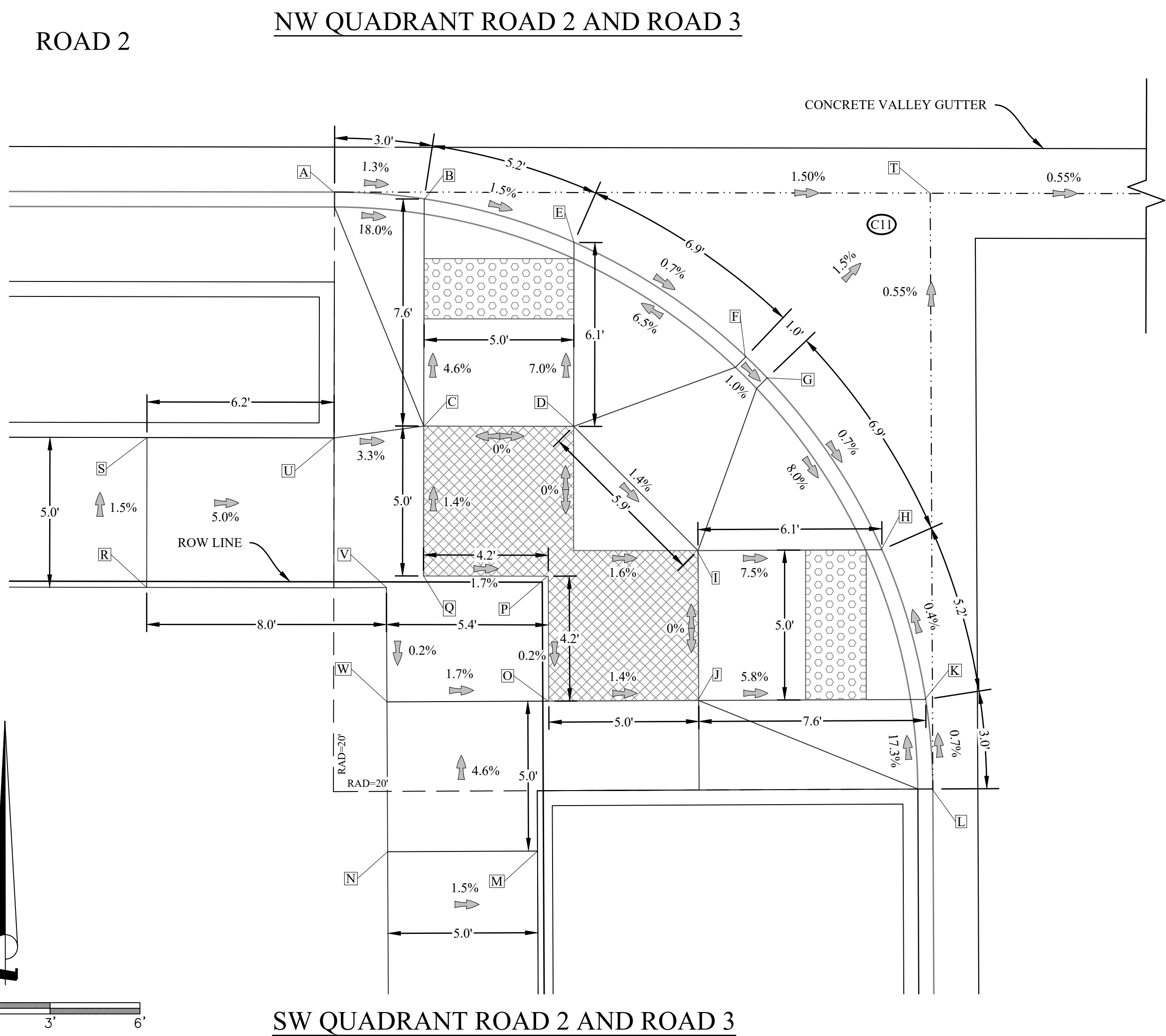
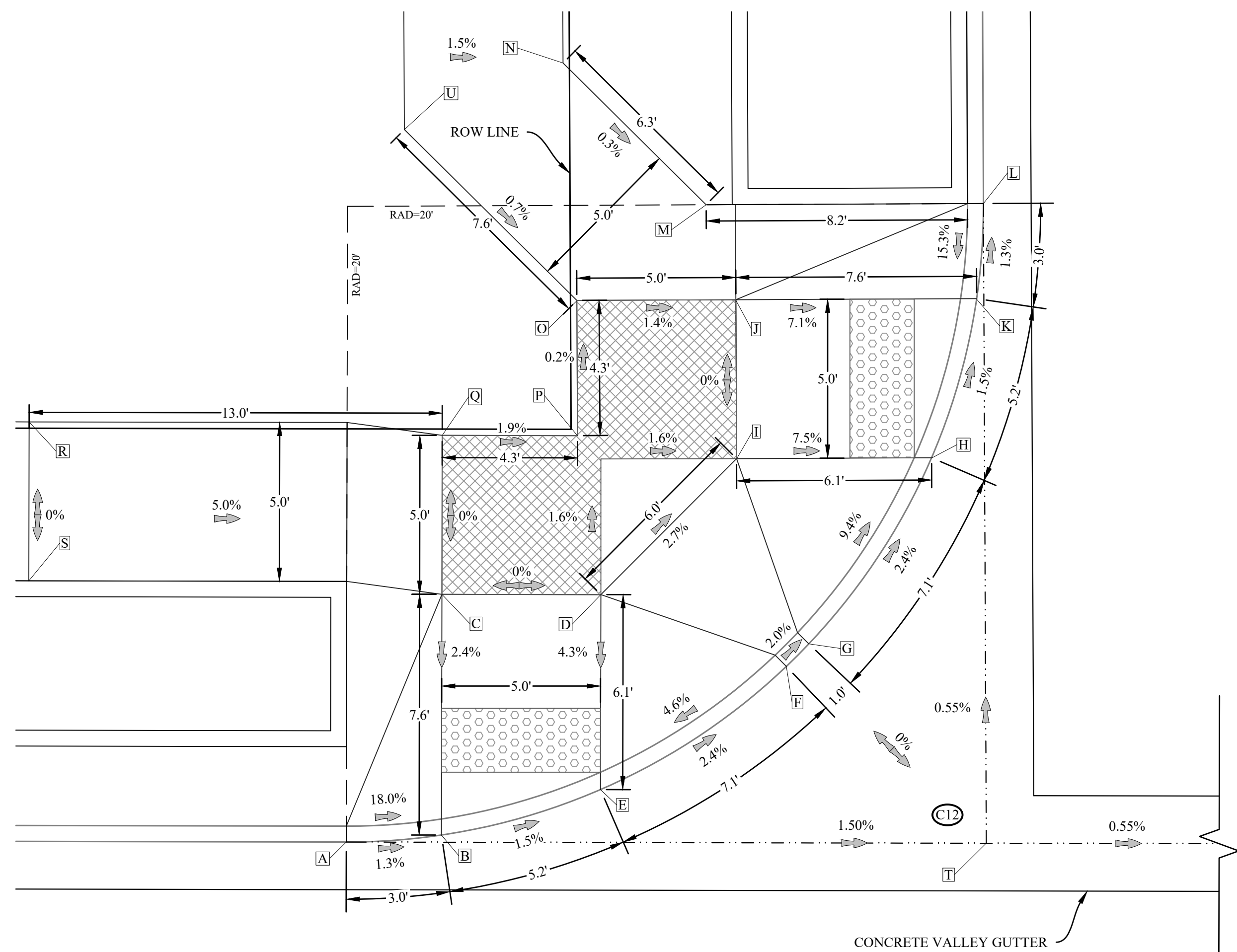
[Cross-hatched pattern] RAMP LANDING

[Dotted pattern] TRUNCATED DOME

**ABBREVIATIONS THIS SHEET:**

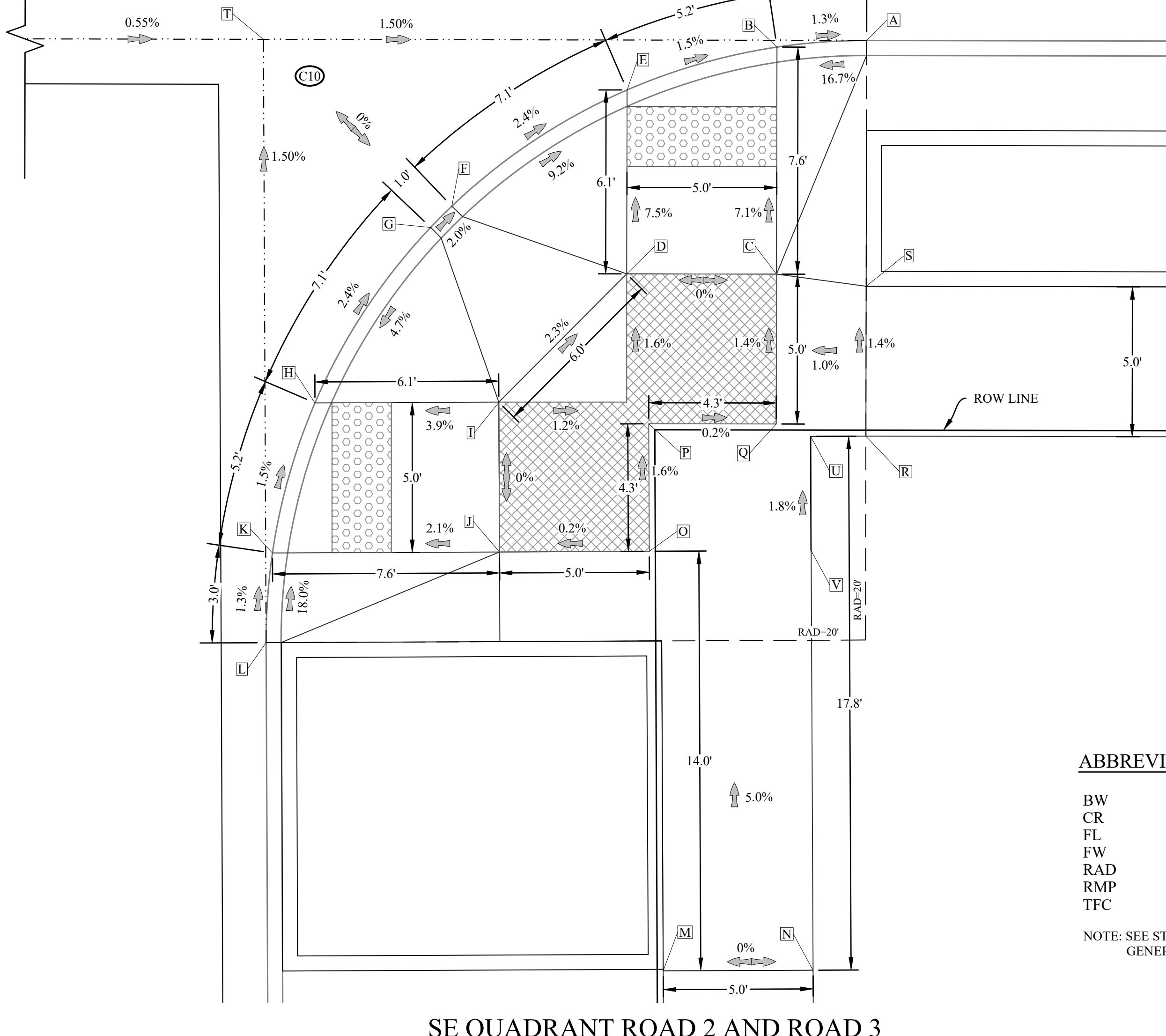
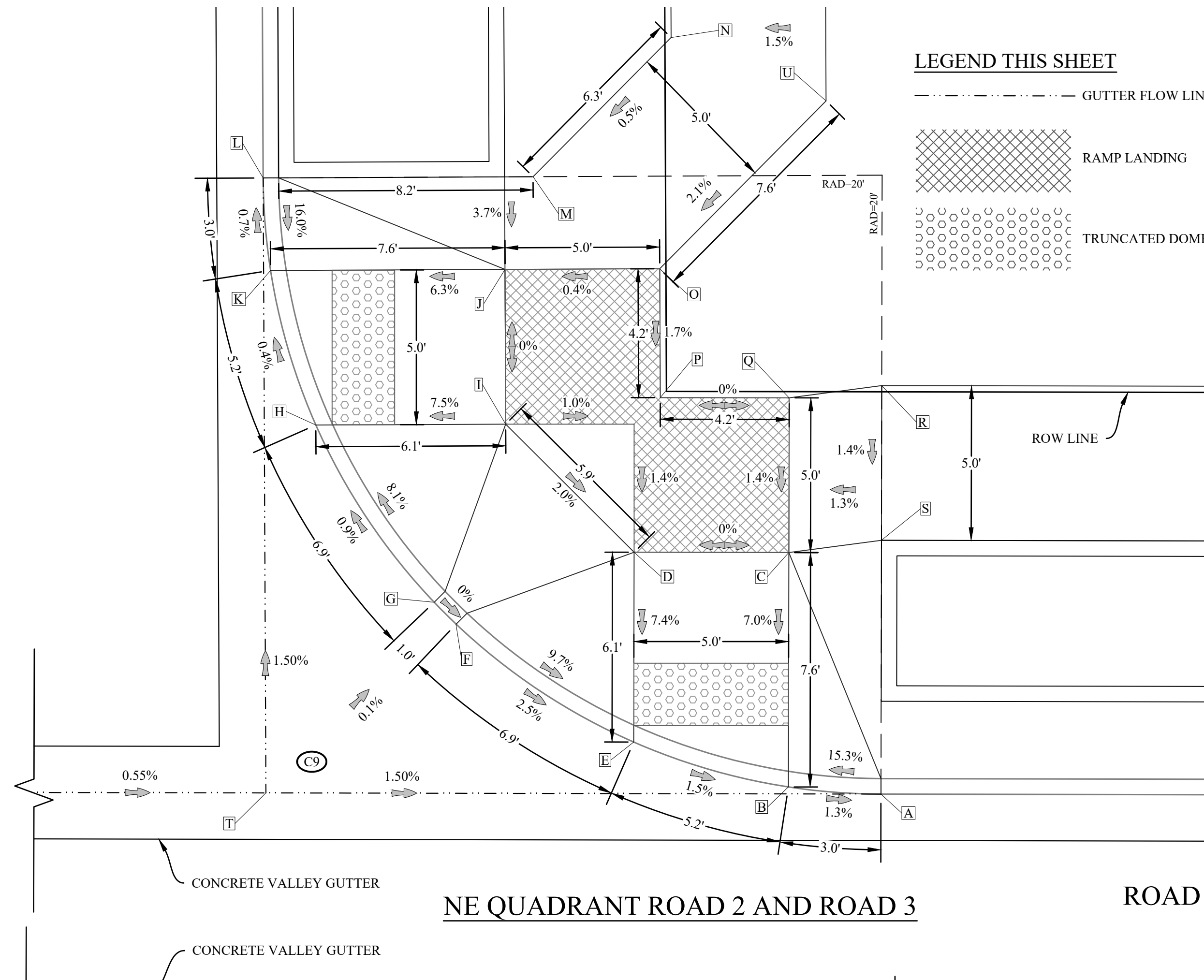
BW BACK WALK  
 CR CURB RETURN  
 FL FLOW LINE  
 FW FRONT WALK  
 RAD RADIUS  
 RMP RAMP  
 TFC TOP FACE CURB

NOTE: SEE STANDARD DRAWING F-206 FOR GENERAL NOTES FOR ALL RAMPS



ROAD 3

ROAD 3



NE QUADRANT ROAD 2 AND ROAD 3

SE QUADRANT ROAD 2 AND ROAD 3

**EGR & Associates, Inc.**  
 Engineers, Geologists, and Surveyors

2555B Prairie Road  
 Eugene, Oregon 97402

(541) 688-8322  
 Fax (541) 688-8087



THREE MILE PRAIRIE SUBDIVISION  
 PHASE 1 CONSTRUCTION DRAWINGS  
 SIDEWALK ACCESS RAMP DETAILS  
 ROAD 2 AND ROAD 3 INTERSECTION  
 FLORENCE, OREGON

Date	Description of Revisions	No	Name
01-29-2021			
688E-18-0134			
C. BEECROFT			
C. BEECROFT			
C. BEECROFT			

Sheet Number

C15

CR C16 DATA	
RADIUS=20'	
L=31.54'	
A	113.02 TFC
B	112.52 FL
C	112.48 FL
D	112.66 RMP
E	112.66 RMP
F	112.40 FL
G	112.73 TFC
H	112.23 FL
I	112.71 TFC
J	112.21 FL
K	111.96 FL
L	112.42 TFC
M	111.92 FL
N	112.54 FW
O	112.56 BW
P	112.57 BW
Q	112.66 BW
R	113.30 BW
S	113.30 FW
T	112.22 FL
U	112.62 BW

CR C15 DATA	
RADIUS=20'	
L=31.29'	
A	113.02 TFC
B	112.52 FL
C	112.86 RMP
D	112.86 RMP
E	112.40 FL
F	112.85 TFC
G	112.34 FL
H	112.29 FL
I	112.72 RMP
J	112.72 RMP
K	112.31 FL
L	112.83 TFC
M	112.33 FL
N	112.97 FW
O	113.05 BW
P	112.79 BW
Q	112.88 BW
R	113.32 BW
S	113.24 FW
T	112.22 FL
U	112.92 FW
V	112.92 BW
W	112.87 BW

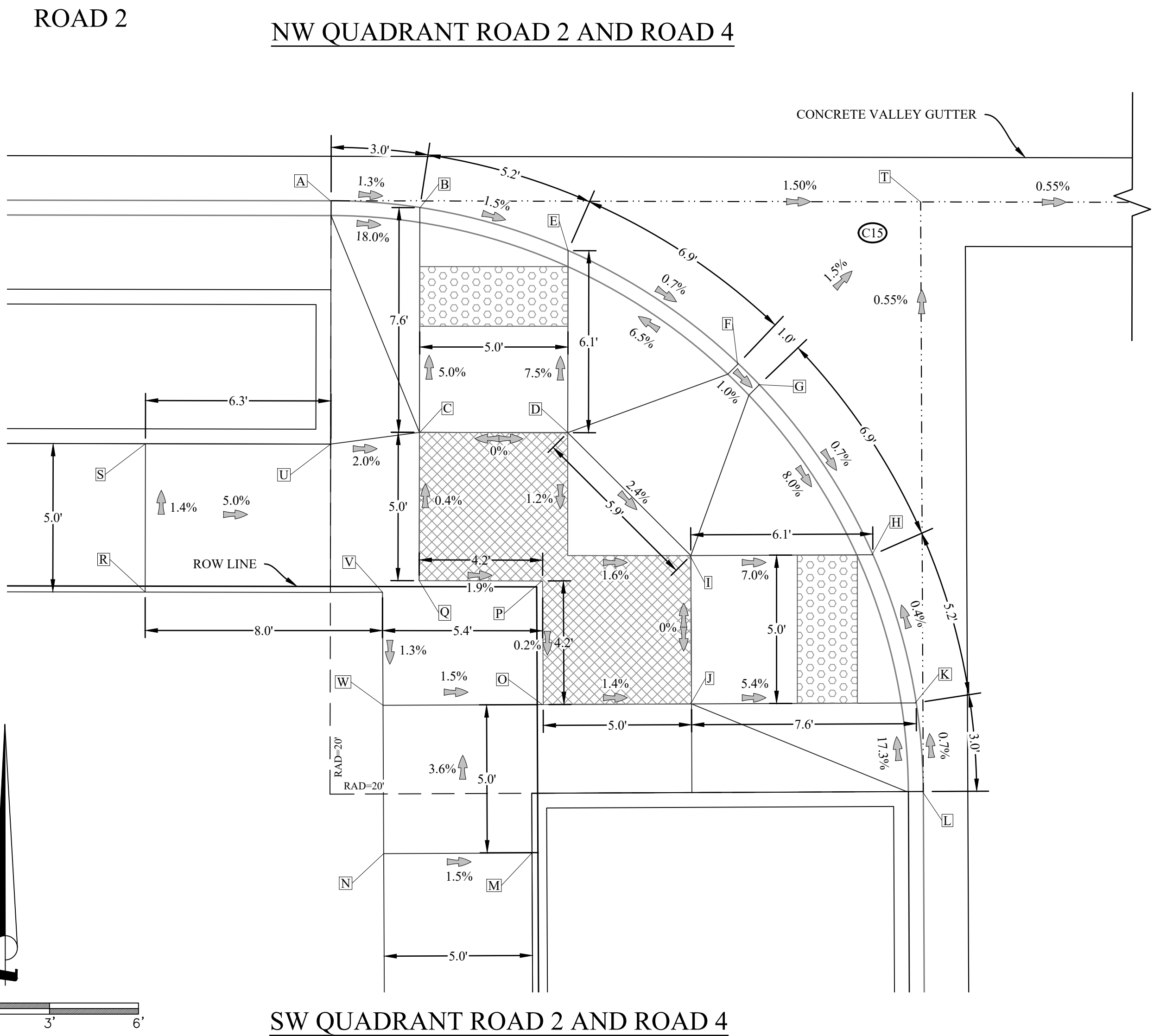
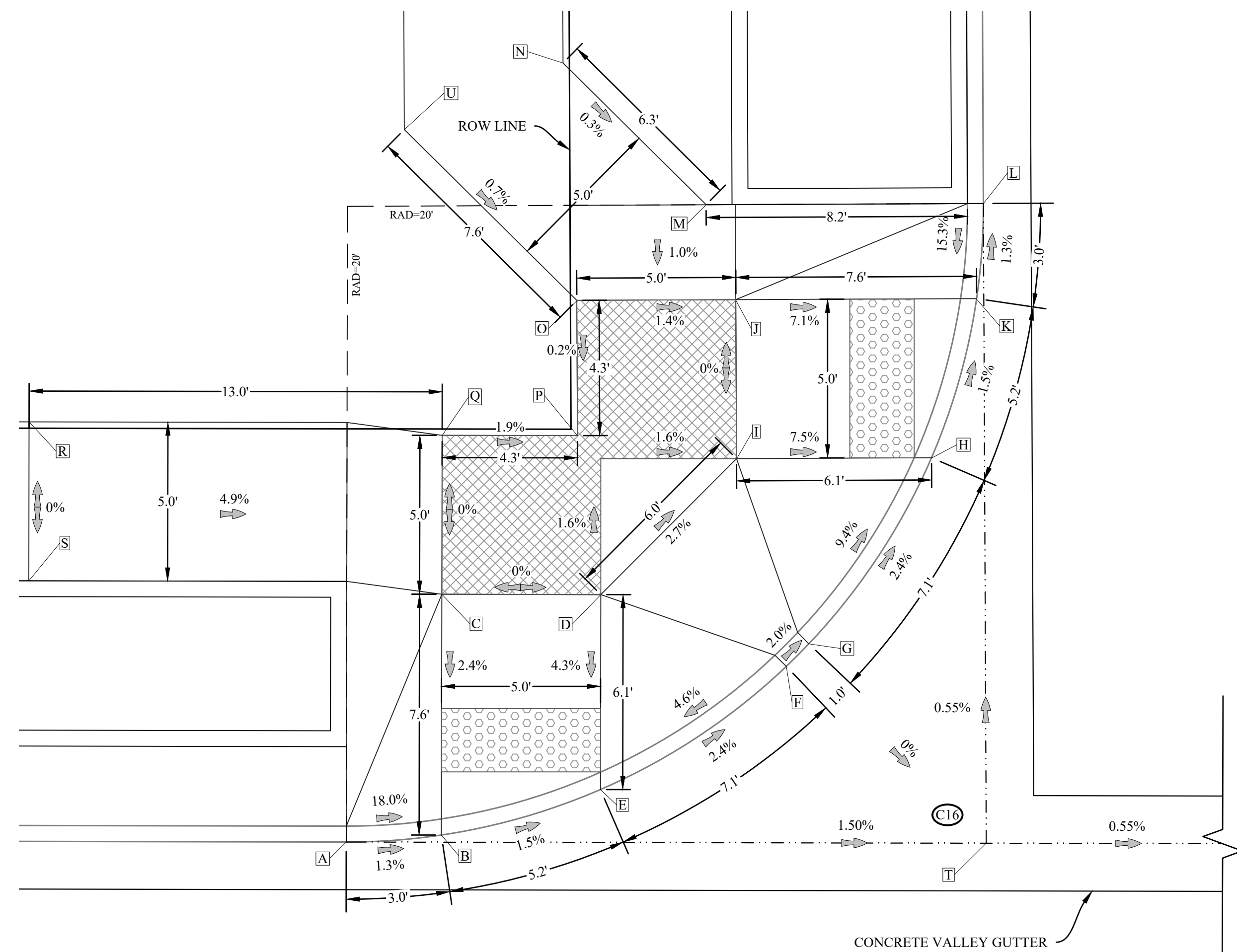
CR C13 DATA	
RADIUS=20'	
L=31.29'	
A	112.23 TFC
B	111.73 FL
C	112.30 RMP
D	112.30 RMP
E	111.85 FL
F	112.51 TFC
G	112.01 FL
H	111.96 FL
I	112.42 RMP
J	112.42 RMP
K	111.94 FL
L	112.42 TFC
M	111.92 FL
N	112.54 FW
O	112.46 BW
P	112.38 BW
Q	112.37 BW
R	112.41 BW
S	112.34 FW
T	112.03 FL
U	112.61 BW

CR C14 DATA	
RADIUS=20'	
L=31.54'	
A	112.23 TFC
B	111.73 FL
C	112.31 RMP
D	112.31 RMP
E	111.85 FL
F	112.52 TFC
G	112.02 FL
H	112.21 FL
I	112.47 RMP
J	112.47 RMP
K	112.29 FL
L	112.83 TFC
M	112.33 FL
N	113.16 FW
O	112.47 BW
P	112.39 BW
Q	112.38 BW
R	112.41 BW
S	112.34 FW
T	112.03 FL
U	112.39 BW
V	112.46 BW

**ABBREVIATIONS THIS SHEET:**

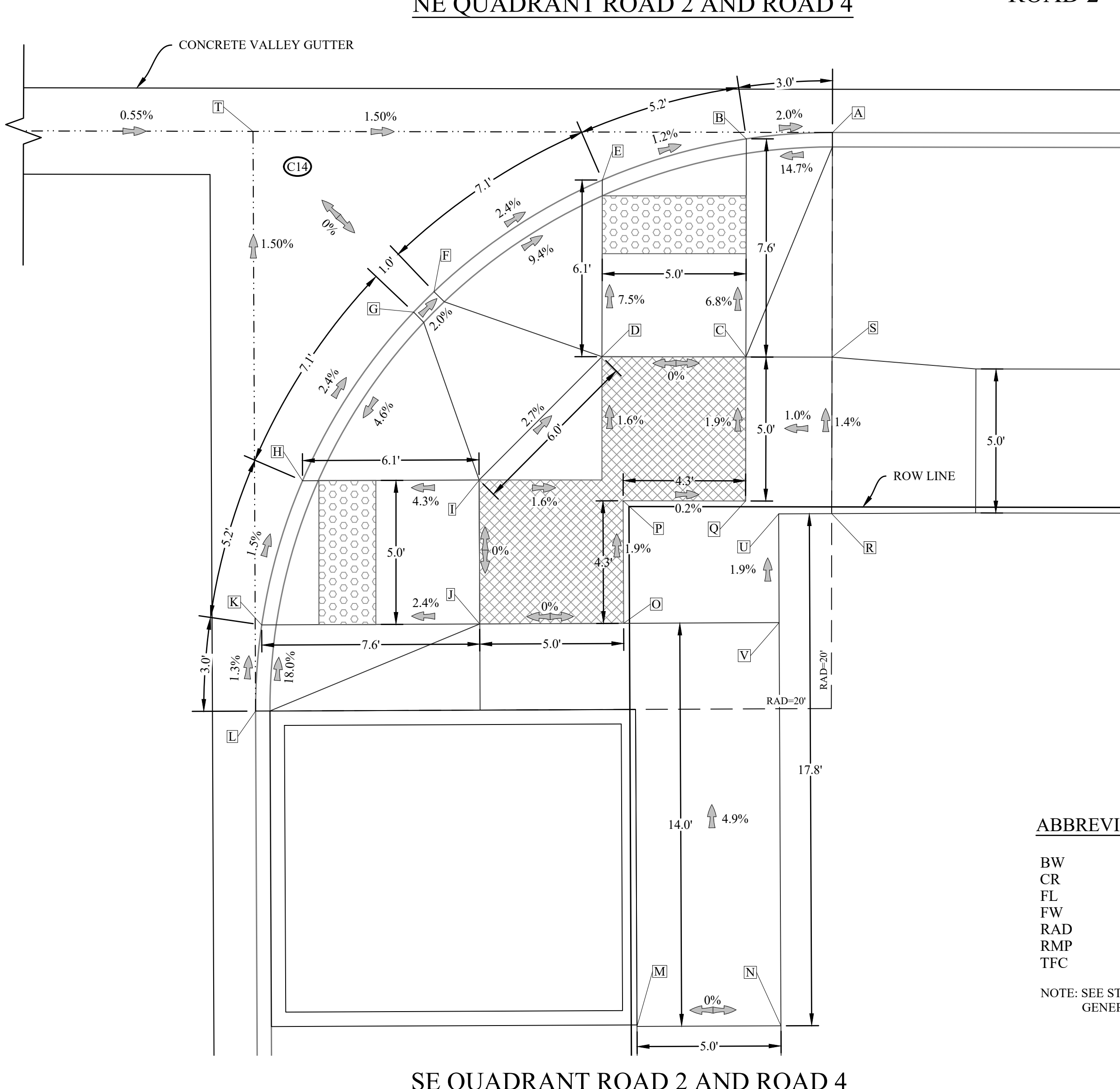
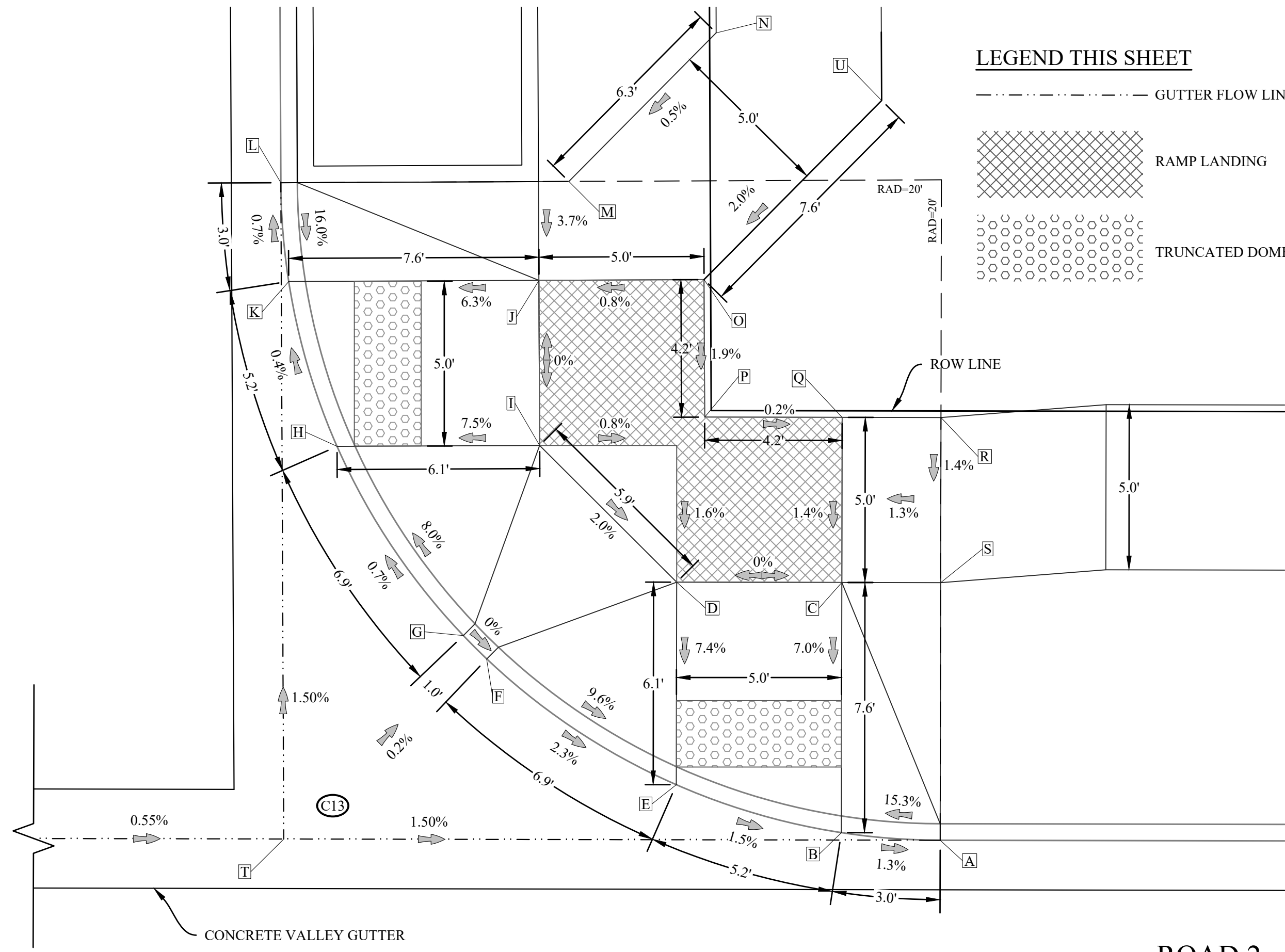
- BW BACK WALK
- CR CURB RETURN
- FL FLOW LINE
- FW FRONT WALK
- RAD RADIUS
- RMP RAMP
- TFC TOP FACE CURB
- CONCRETE VALLEY GUTTER
- ROW LINE
- RAMP LANDING
- TRUNCATED DOME

NOTE: SEE STANDARD DRAWING F-206 FOR GENERAL NOTES FOR ALL RAMPS



ROAD 4

ROAD 4



NE QUADRANT ROAD 2 AND ROAD 4

SE QUADRANT ROAD 2 AND ROAD 4

**LEGEND THIS SHEET**

- GUTTER FLOW LINE
- [Cross-hatch pattern] RAMP LANDING
- [Dotted pattern] TRUNCATED DOME

**EGR & Associates, Inc.**  
 Engineers, Geologists, and Surveyors  
 2555B Prairie Road  
 Eugene, Oregon 97402  
 (541) 688-8322  
 Fax (541) 688-8087

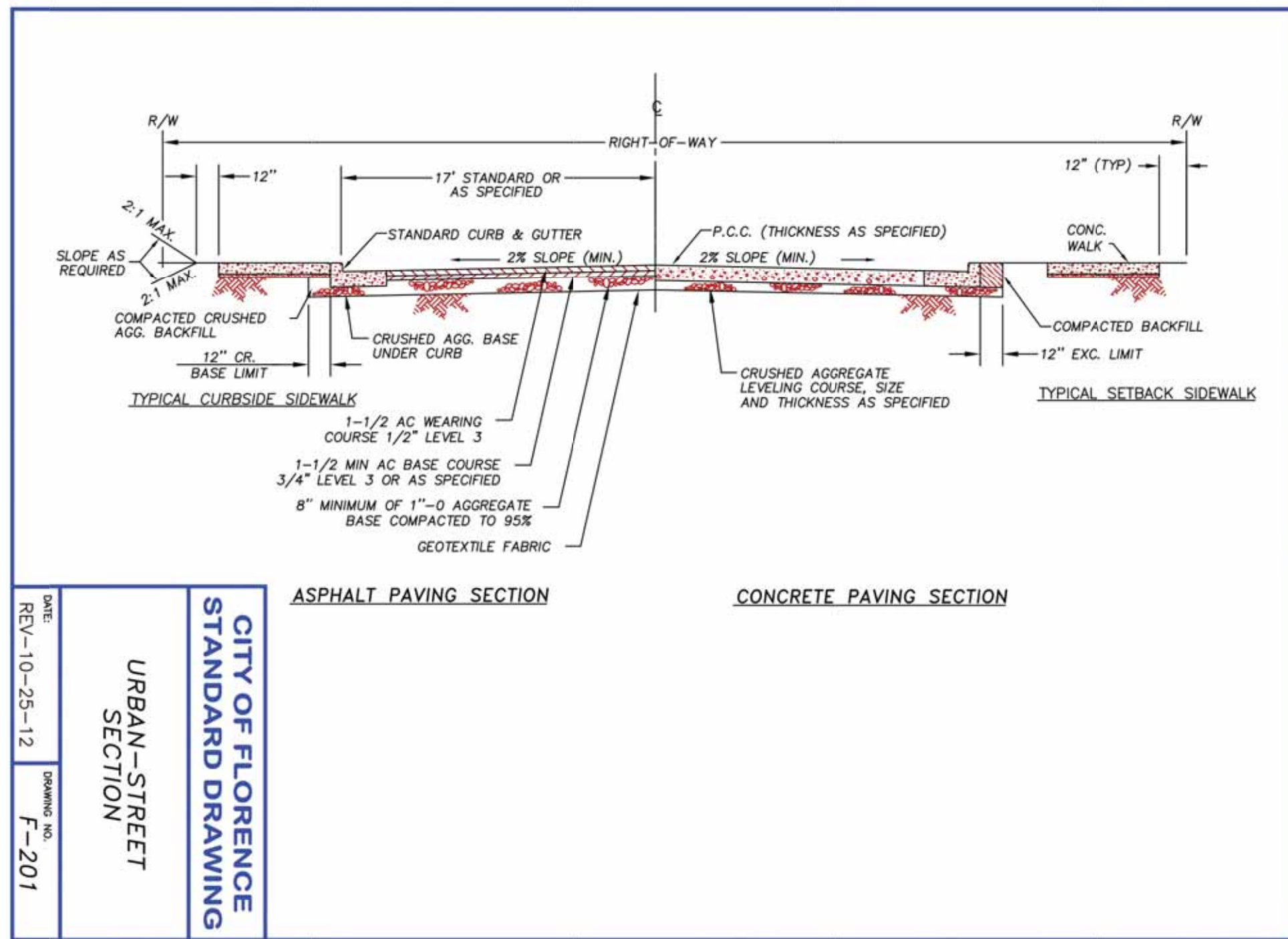


THREE MILE PRAIRIE SUBDIVISION  
 PHASE 1 CONSTRUCTION DRAWINGS  
 SIDEWALK ACCESS RAMP DETAILS  
 ROAD 2 AND ROAD 4 INTERSECTION  
 FLORENCE, OREGON

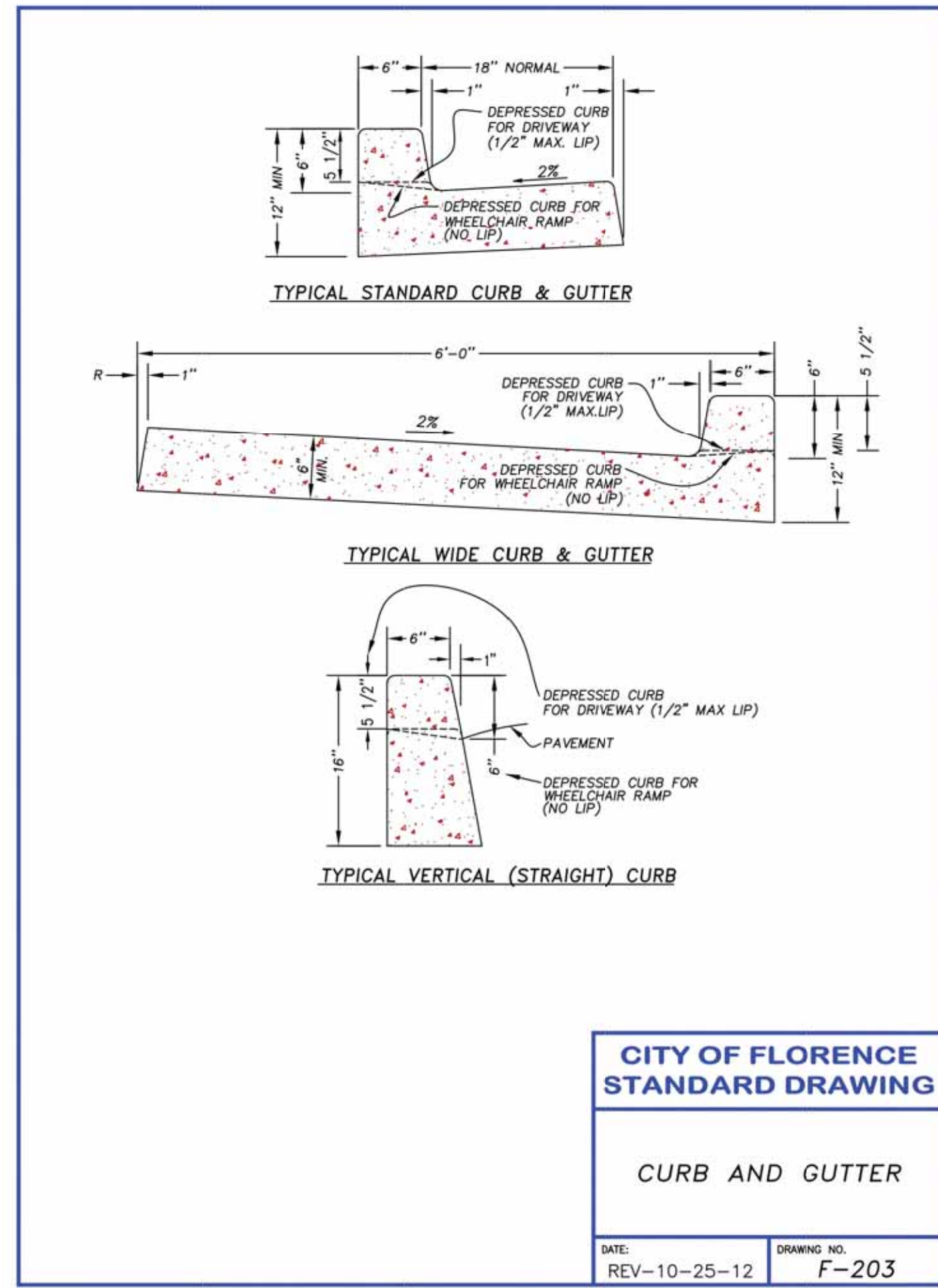
Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134	C. BEECROFT		
	C. BEECROFT		
	C. BEECROFT		

Sheet Number

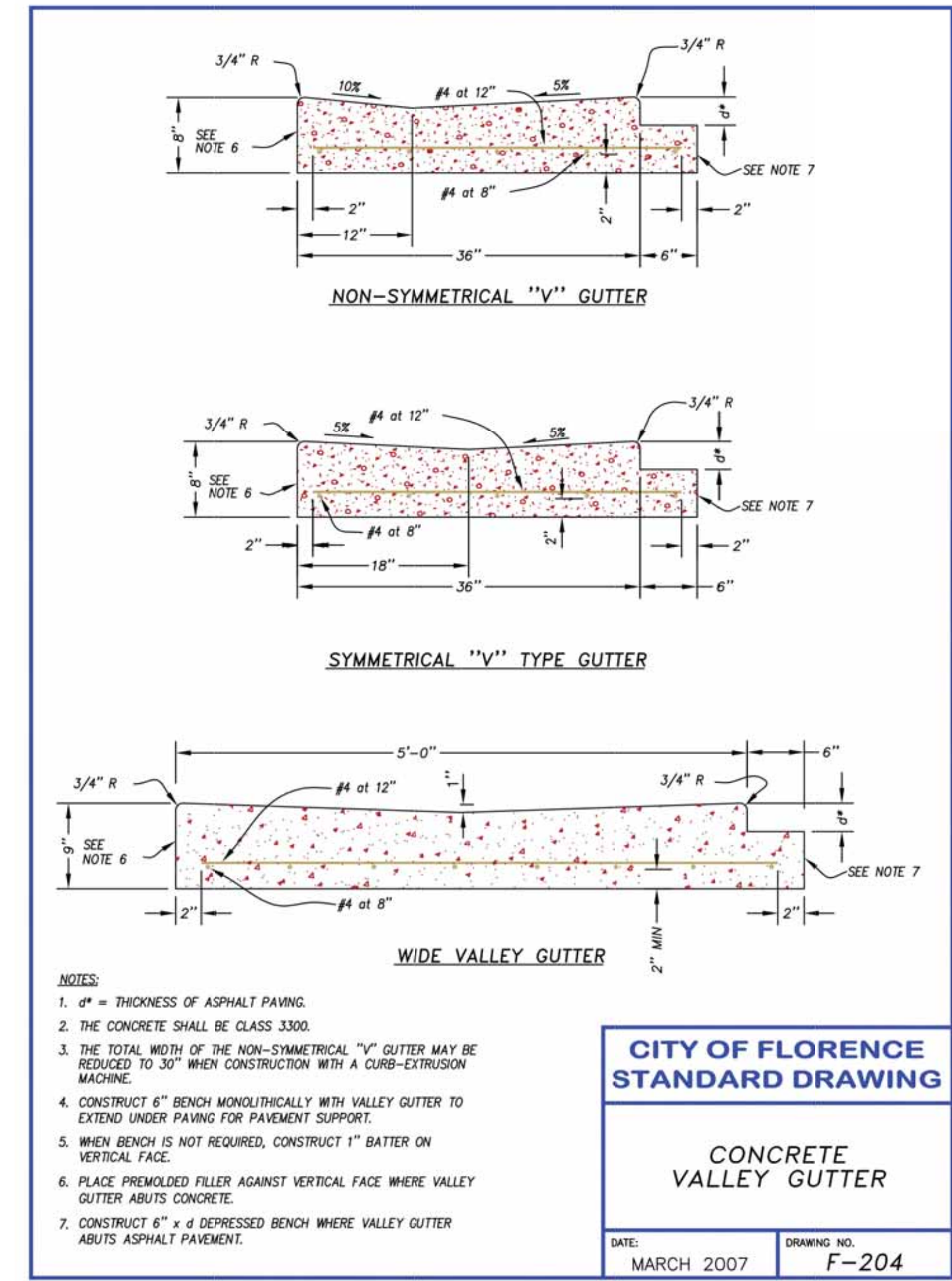
**C16**



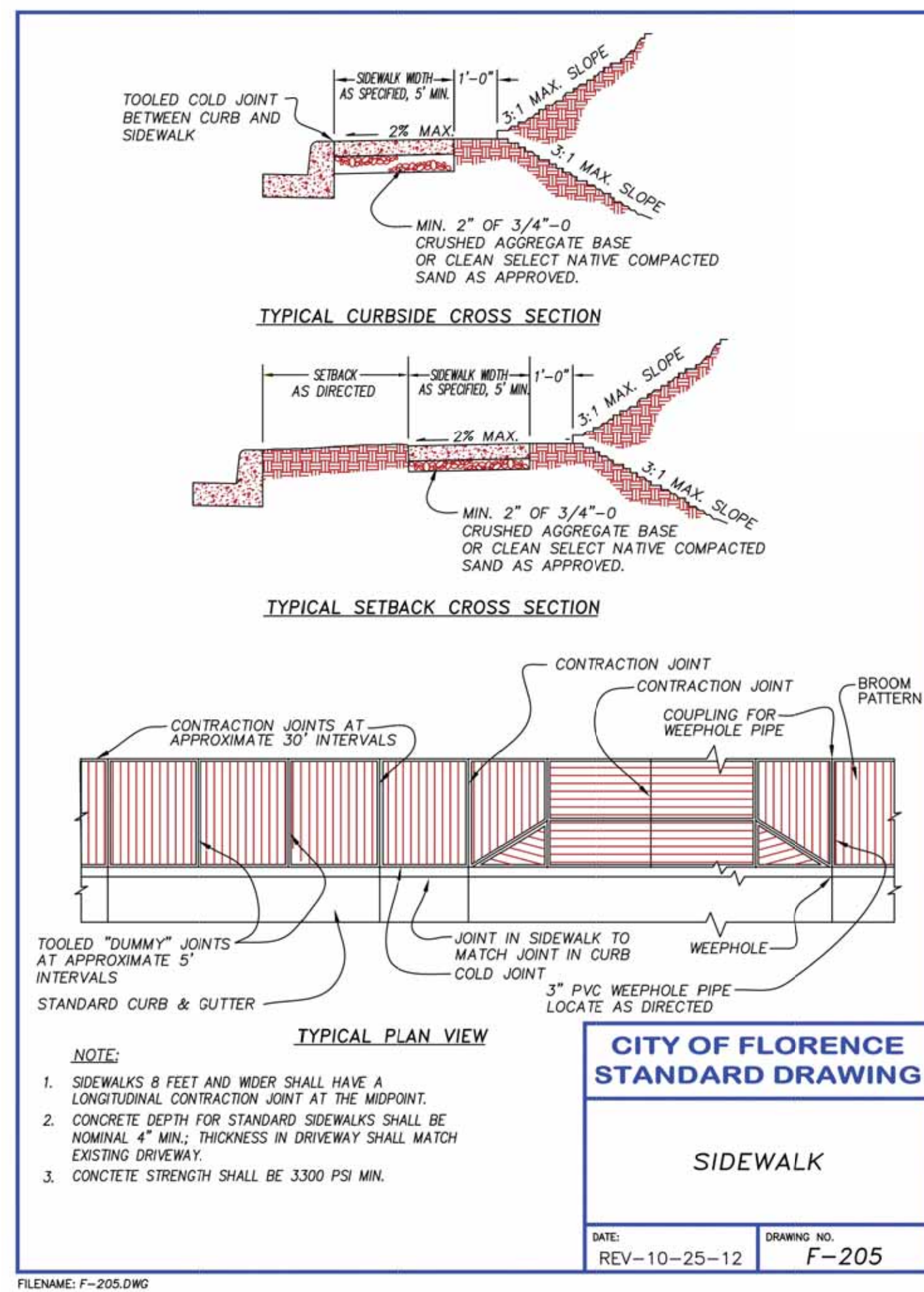
F-201 - URBAN STREET SECTION



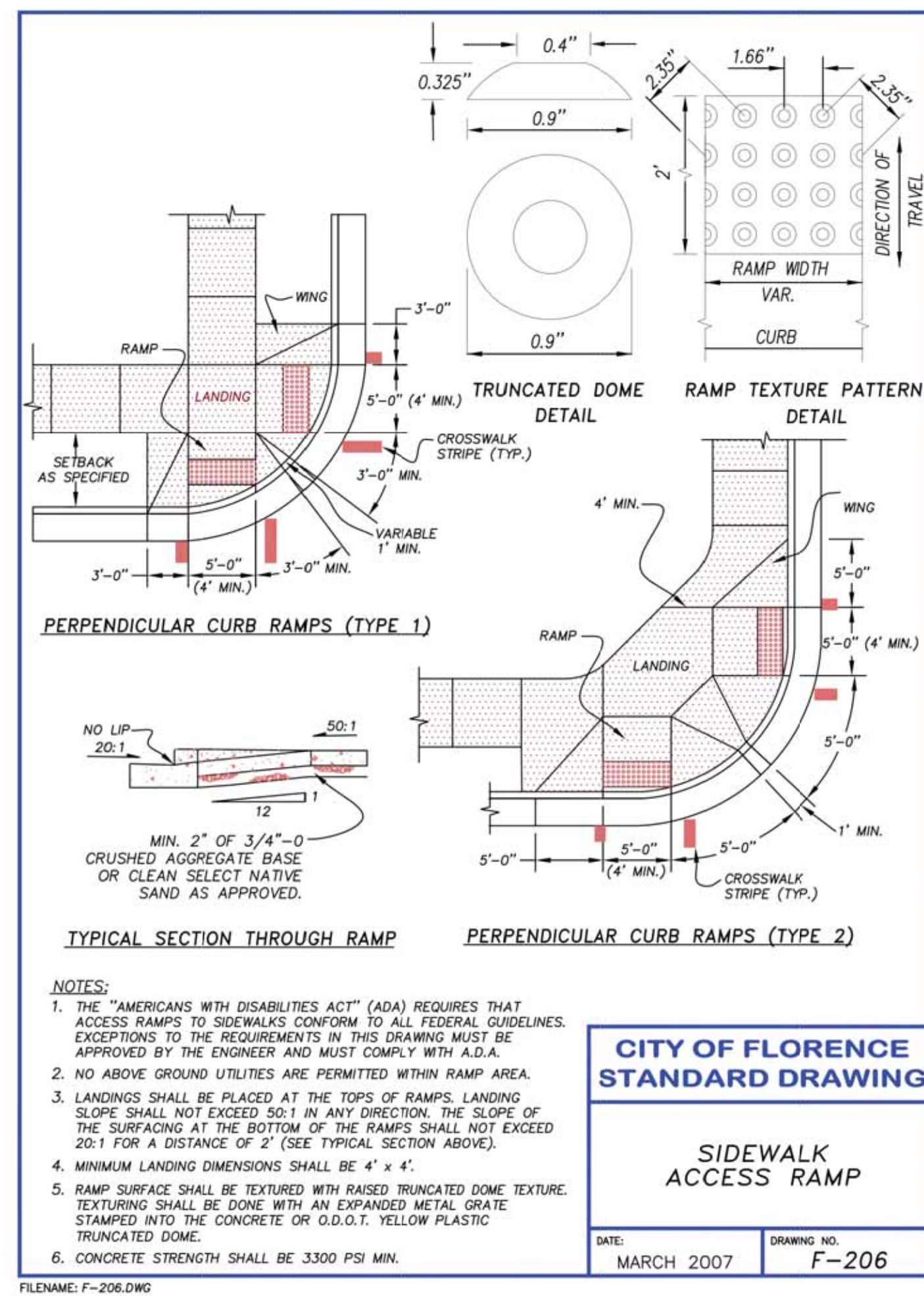
F-203 - CURB AND GUTTER



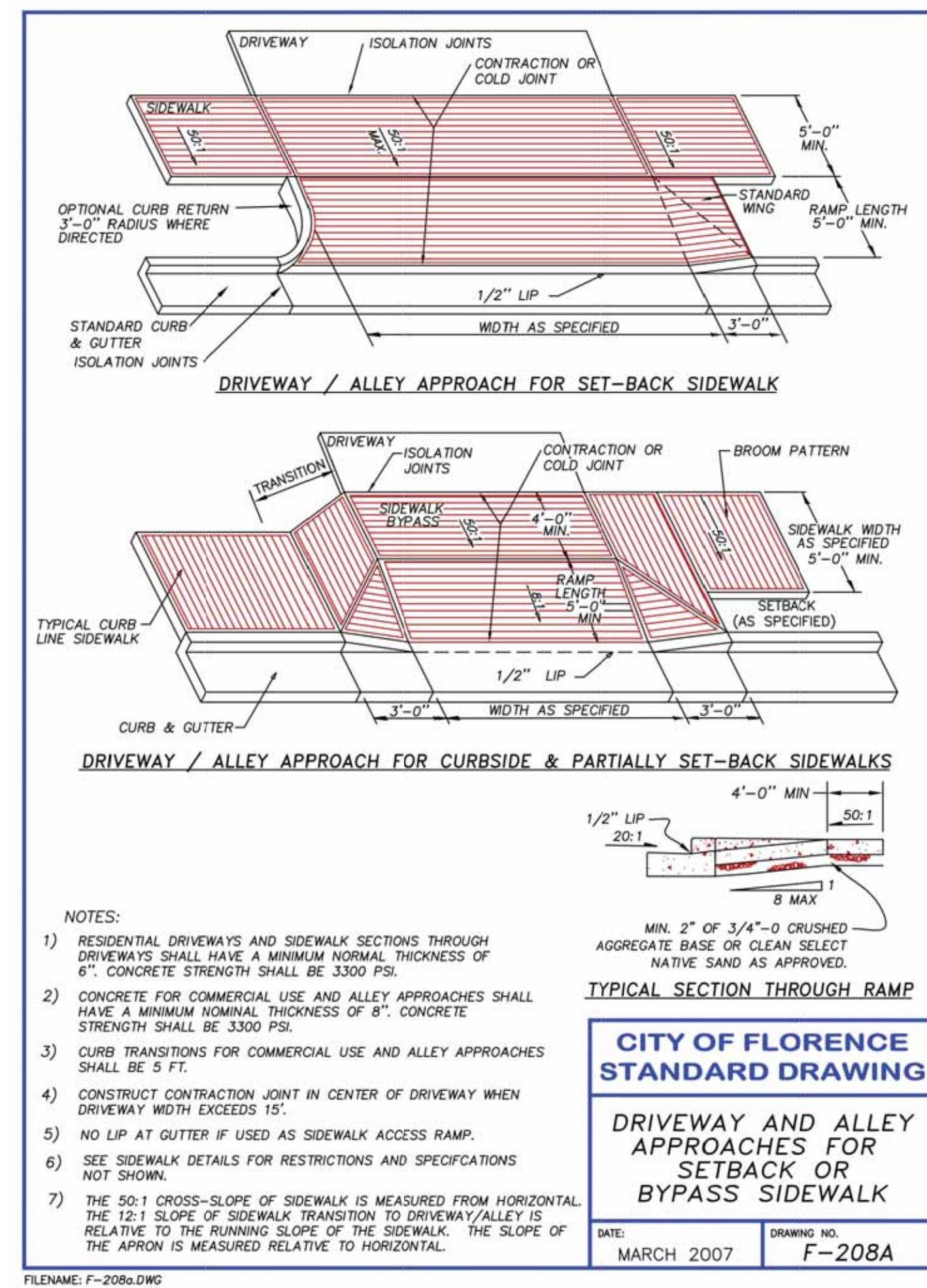
F-204 - CONCRETE VALLEY GUTTER



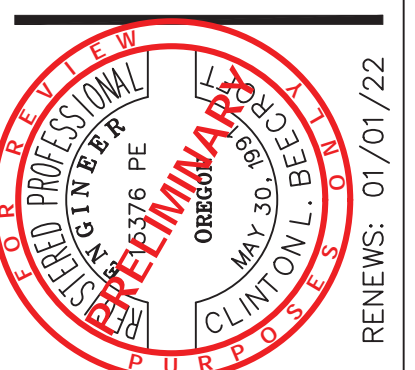
F-205 - SIDEWALK



F-206 - SIDEWALK ACCESS RAMP



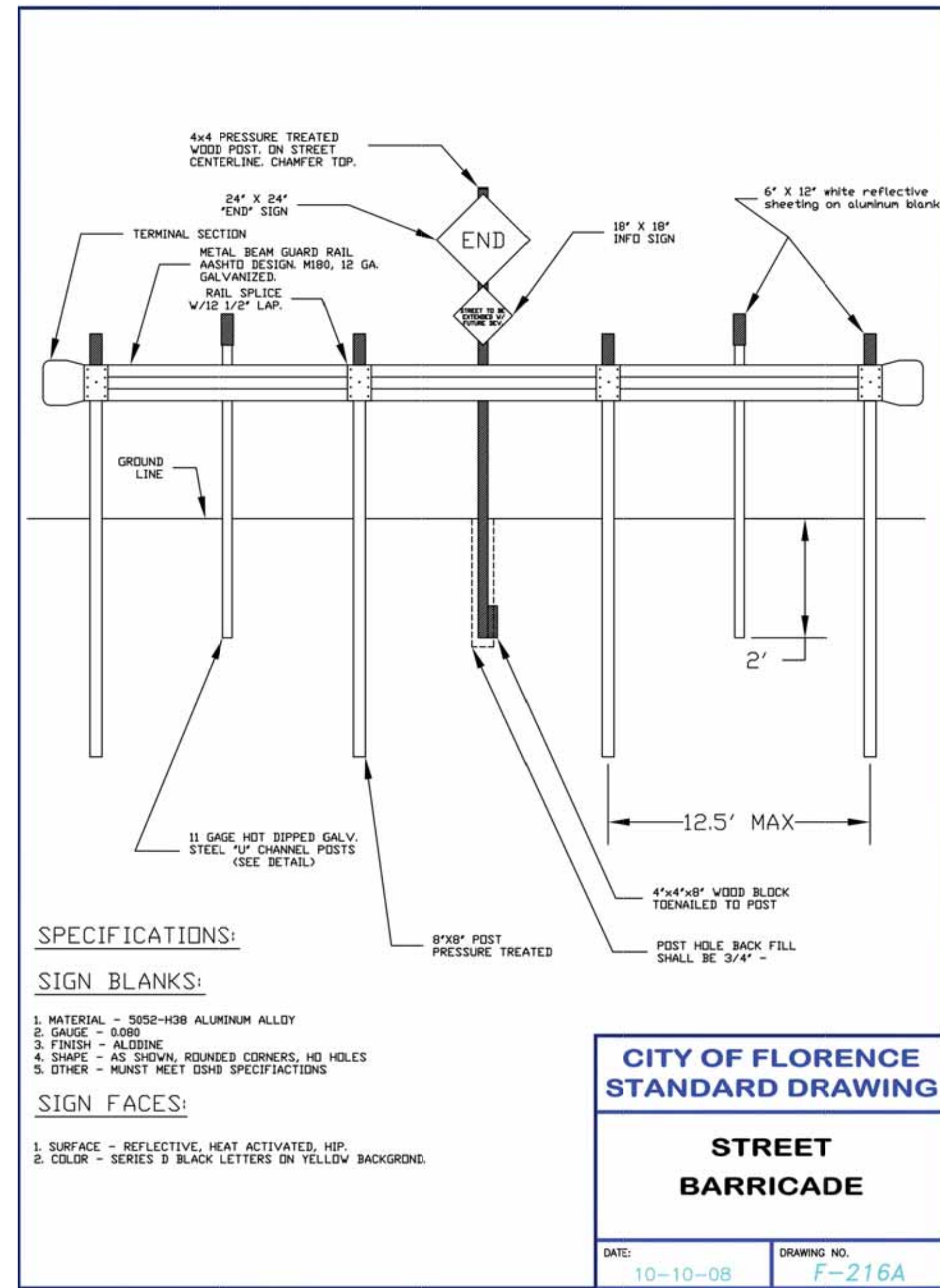
F-208A - DRIVEWAY AND ALLEY APPROACHES FOR SETBACK OR BYPASS SIDEWALK



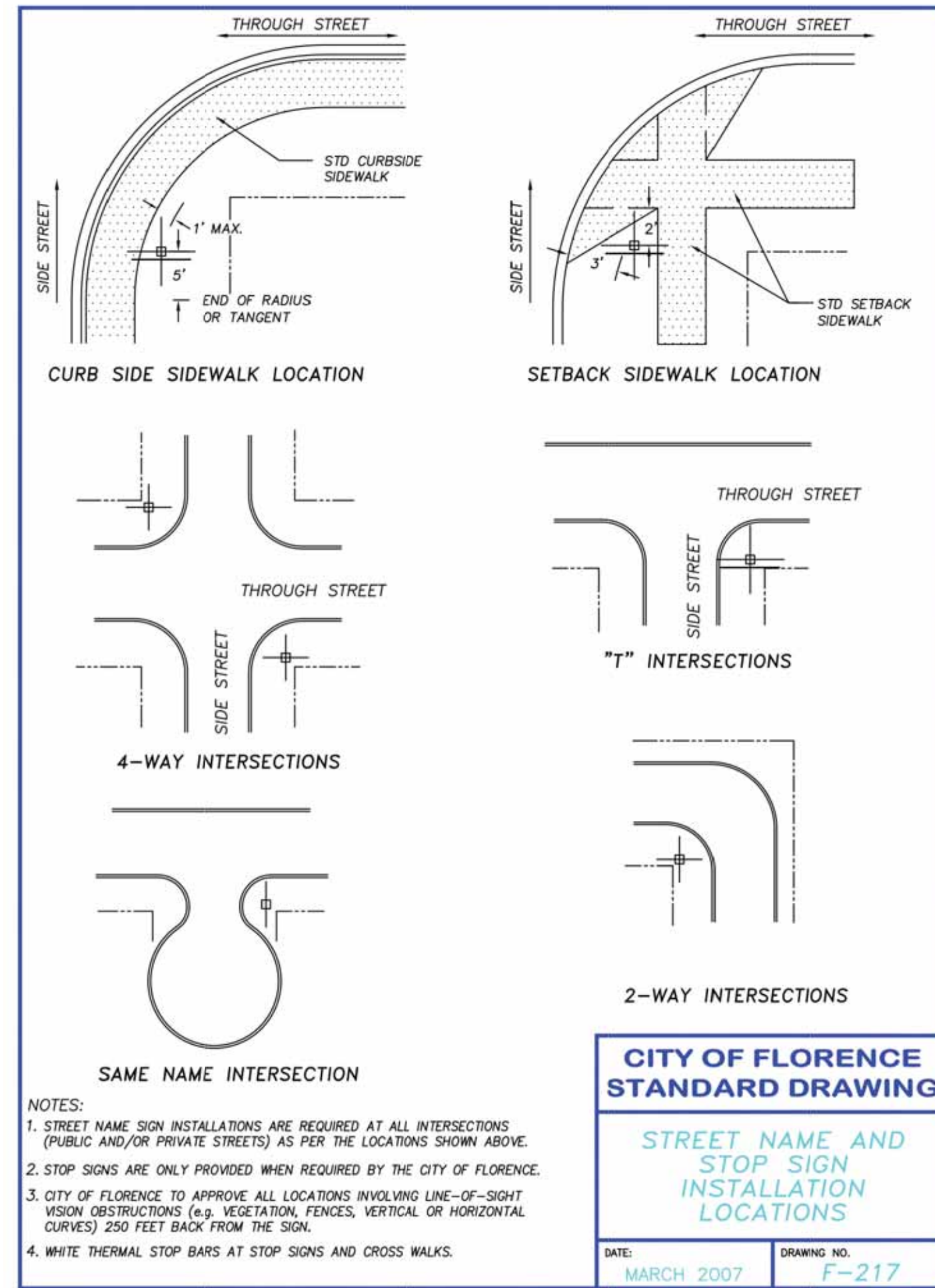
No	Description of Revisions	Date	Name

Sheet Number

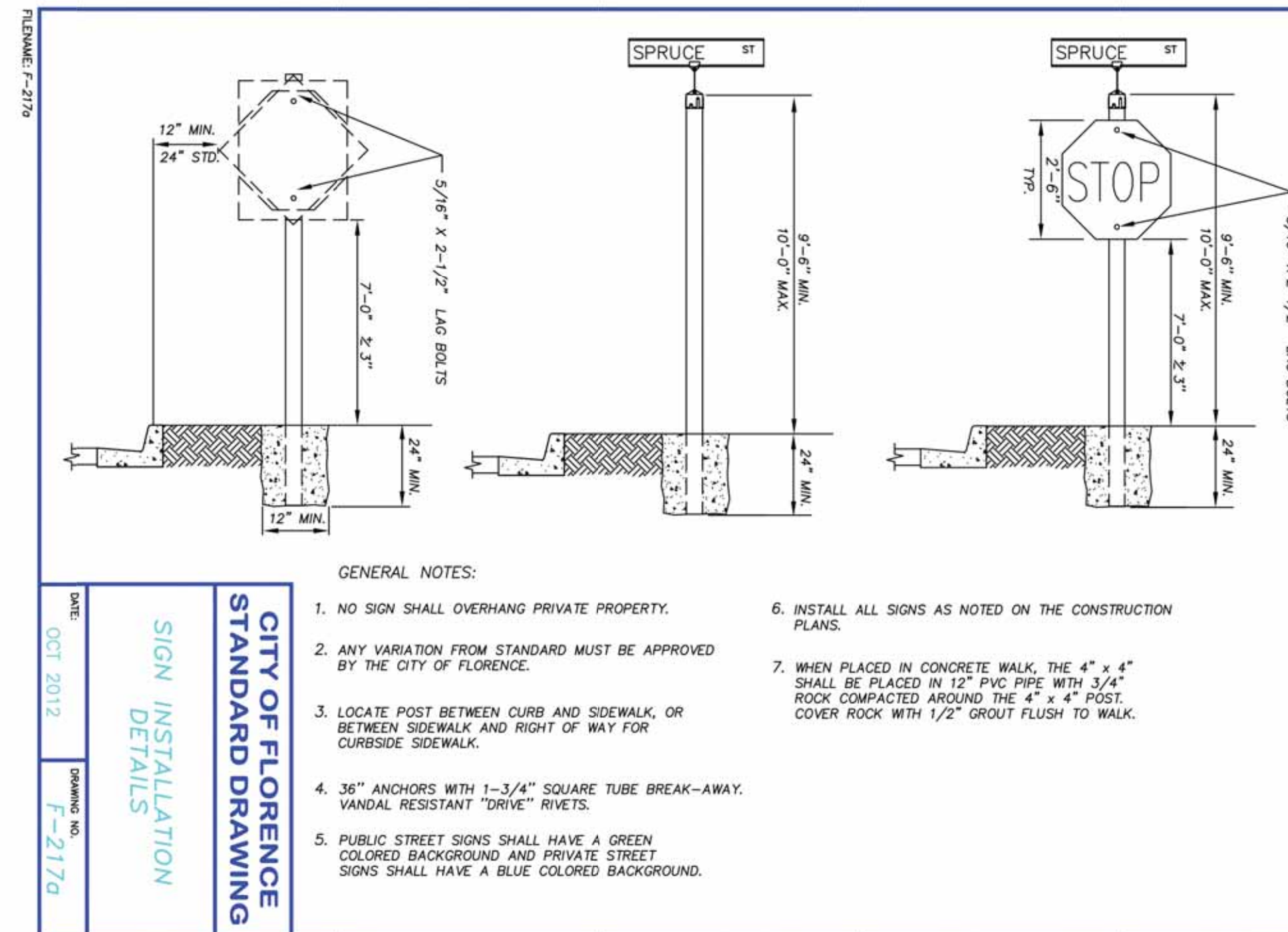
CD1



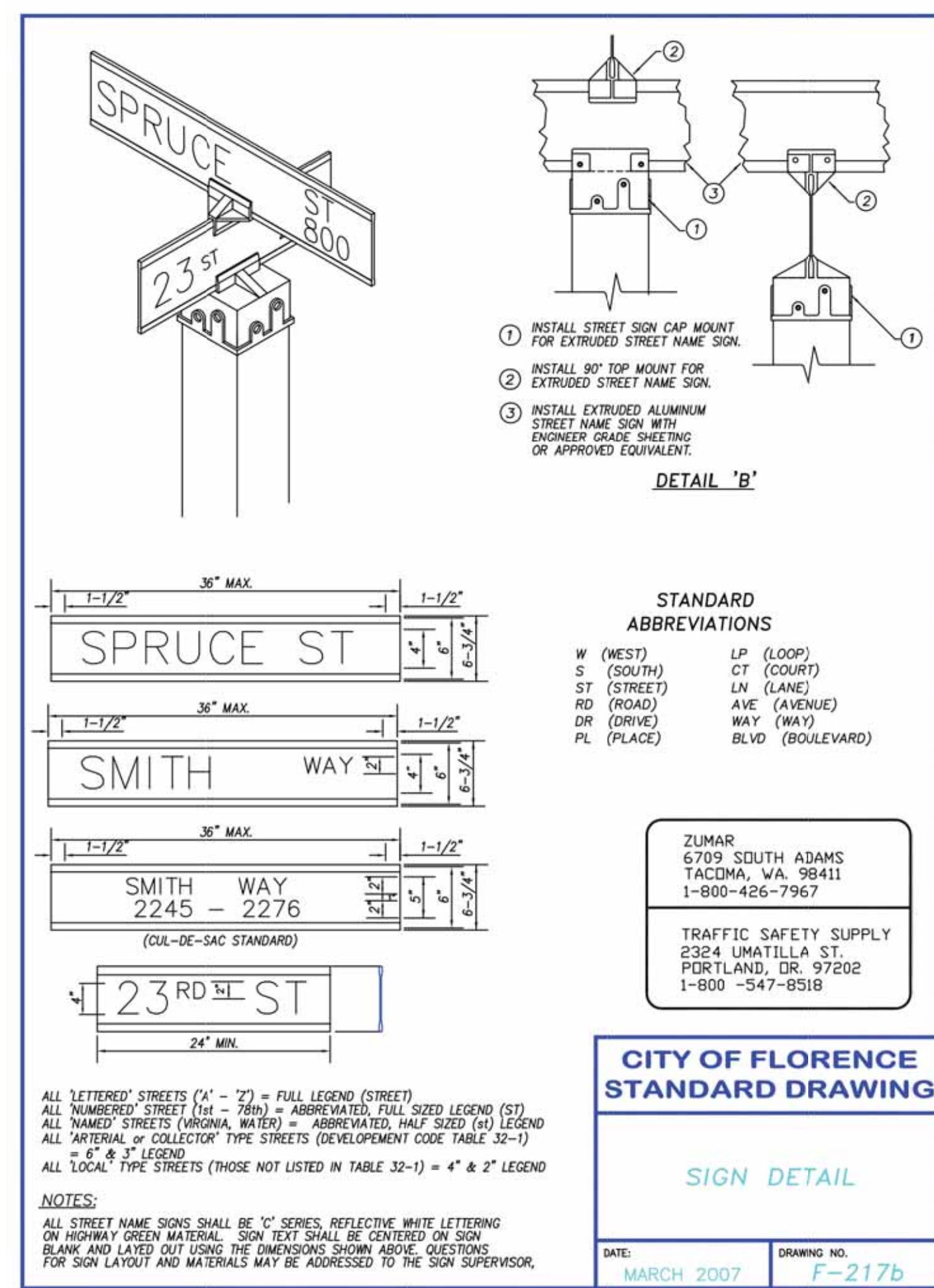
F-216A - STREET BARRICADE



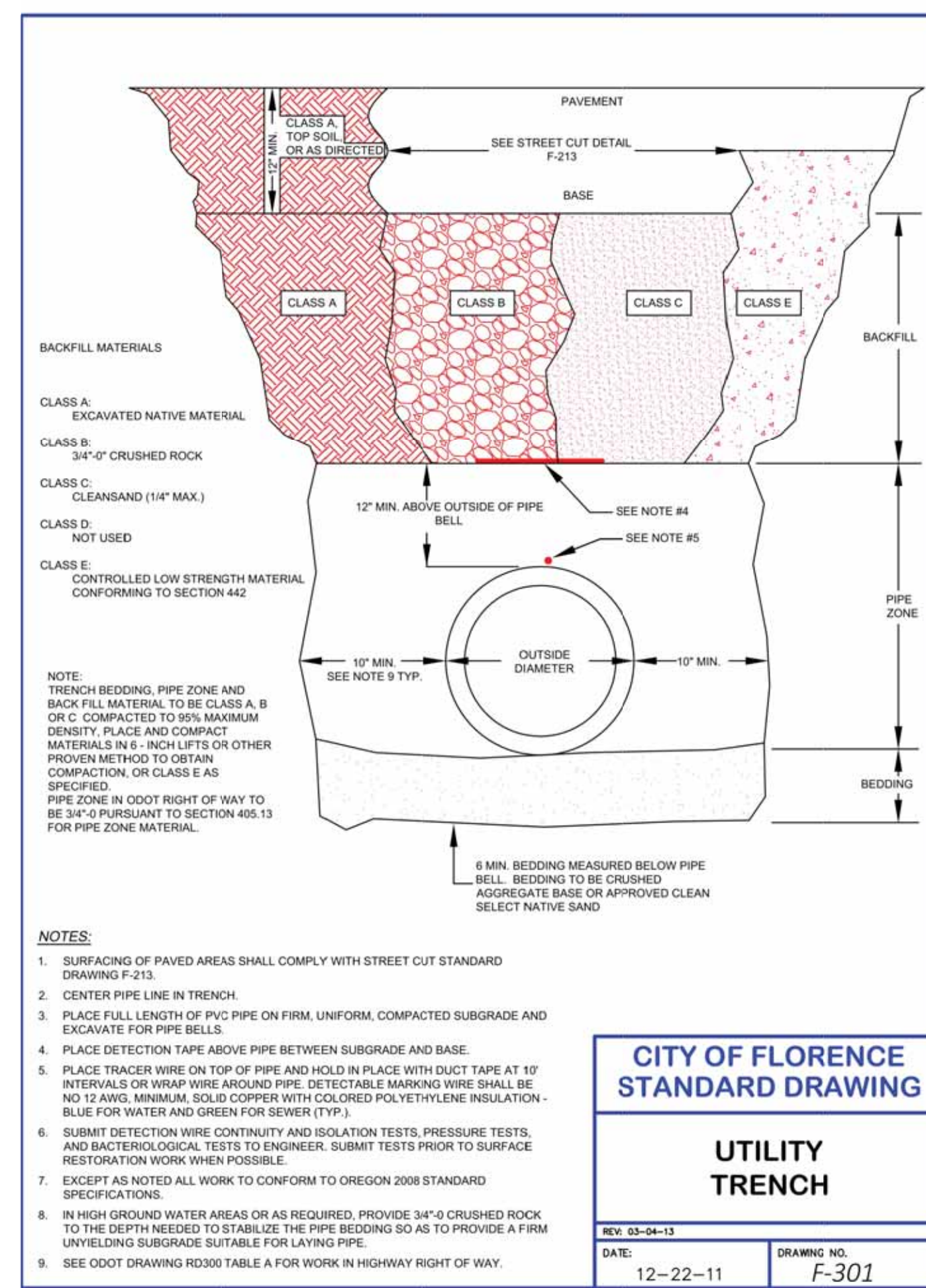
F-217 - STREET NAME AND STOP SIGN INSTALLATION LOCATIONS



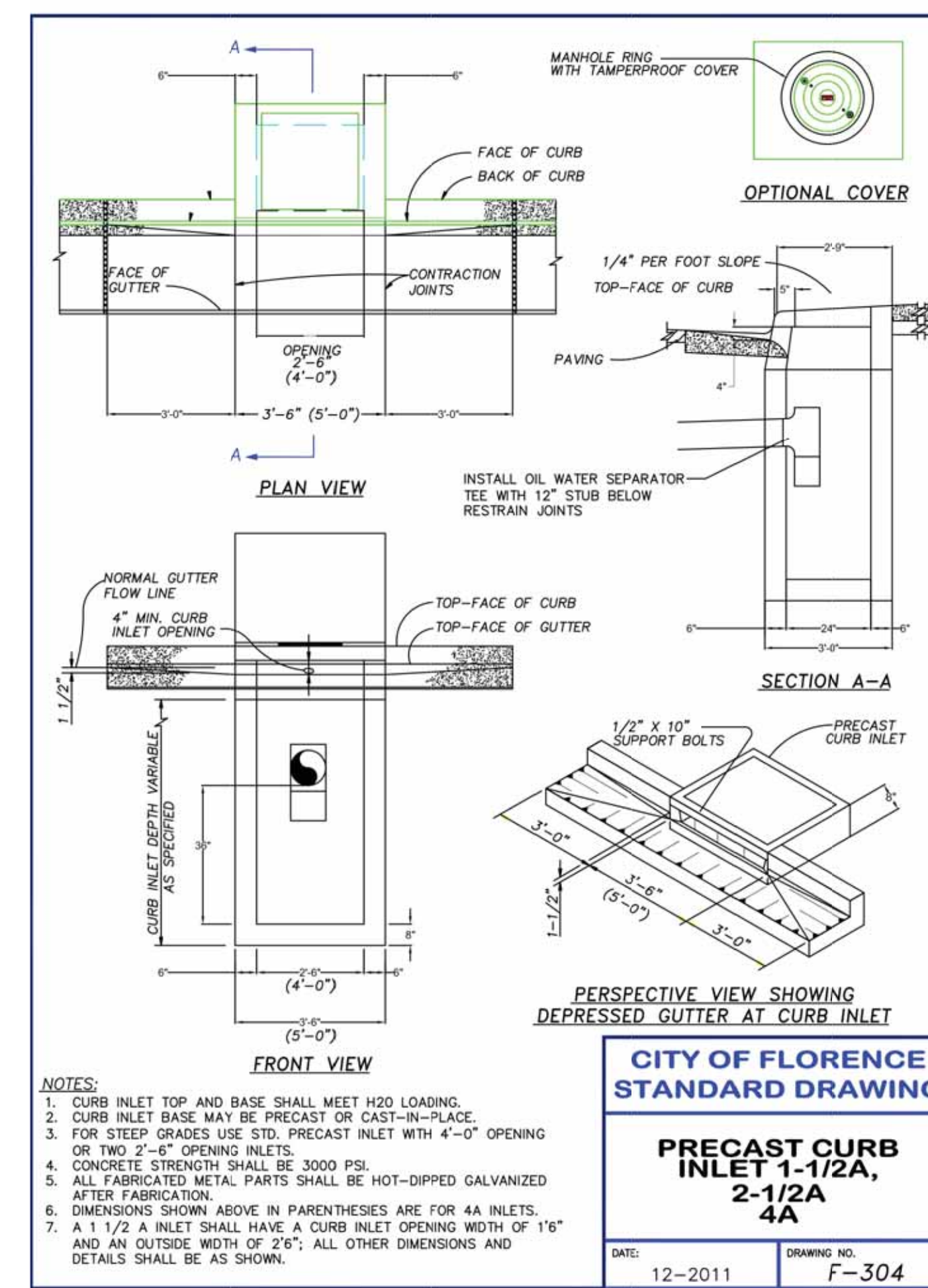
F-217A - SIGN INSTALLATION DETAILS



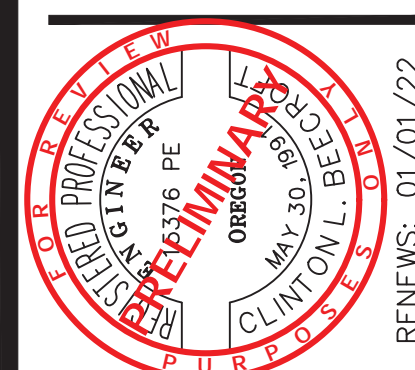
F-217B - SIGN DETAIL



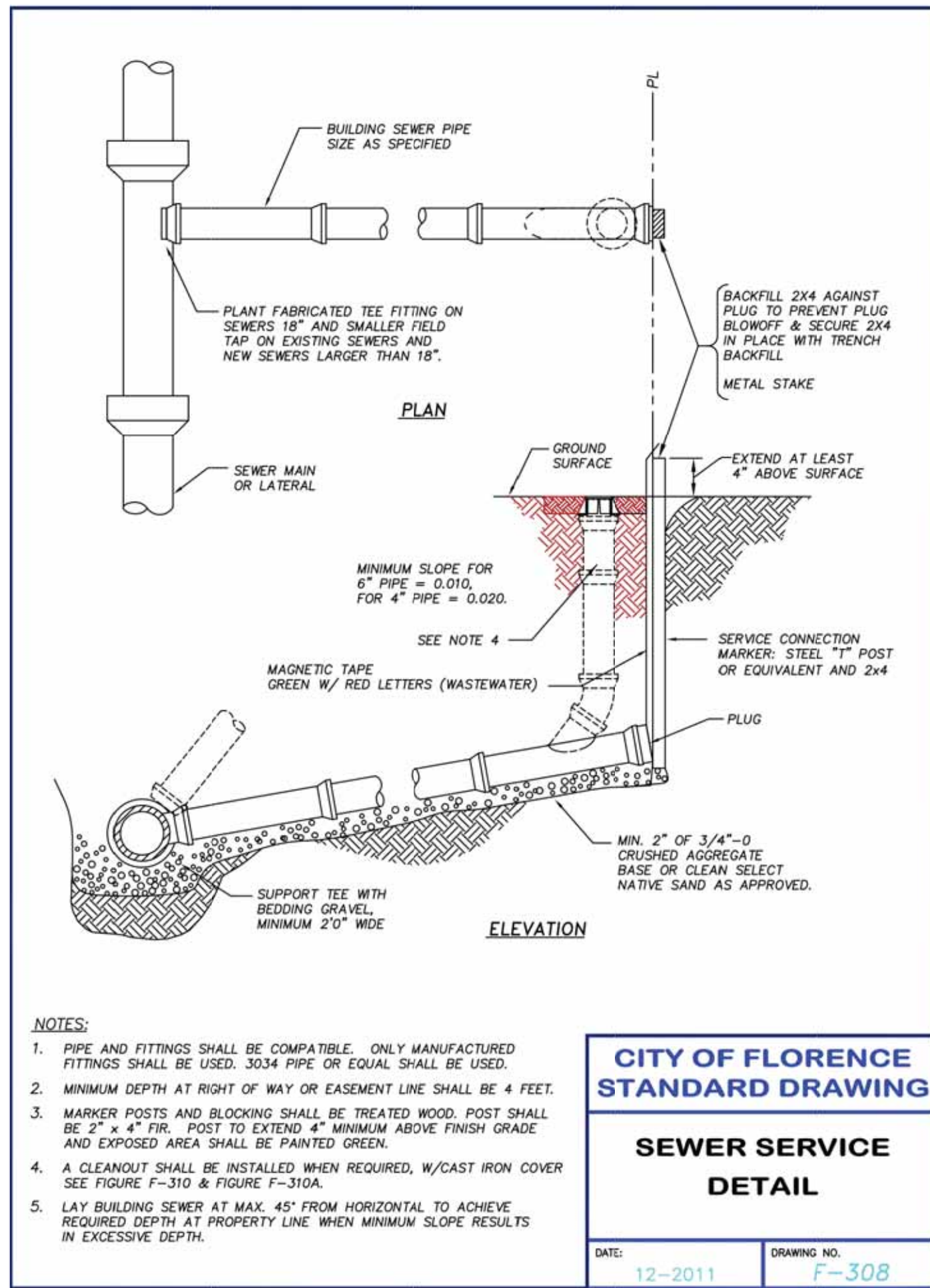
F-301 - UTILITY TRENCH



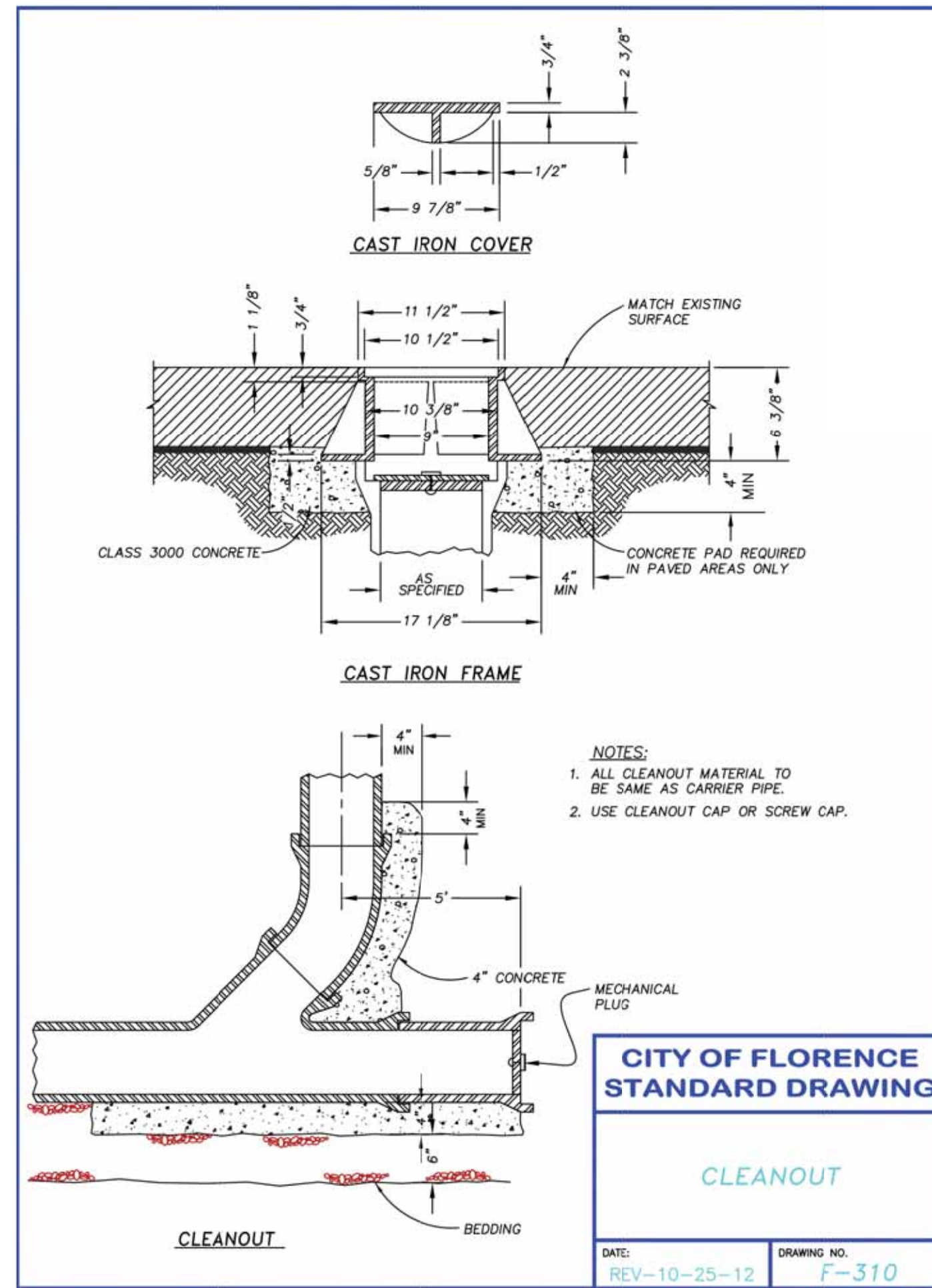
F-304 - PRECAST CURB INLET



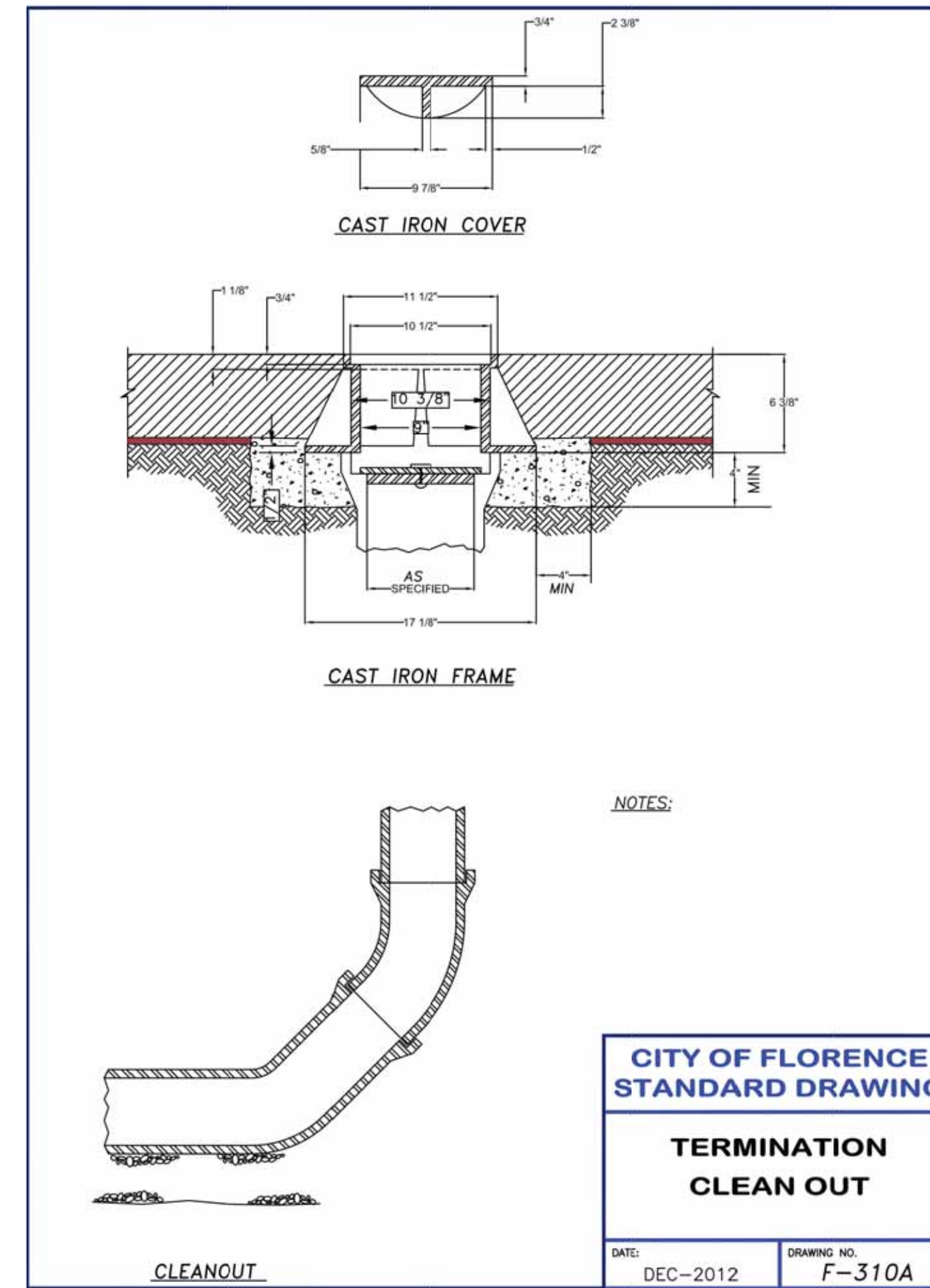
Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT



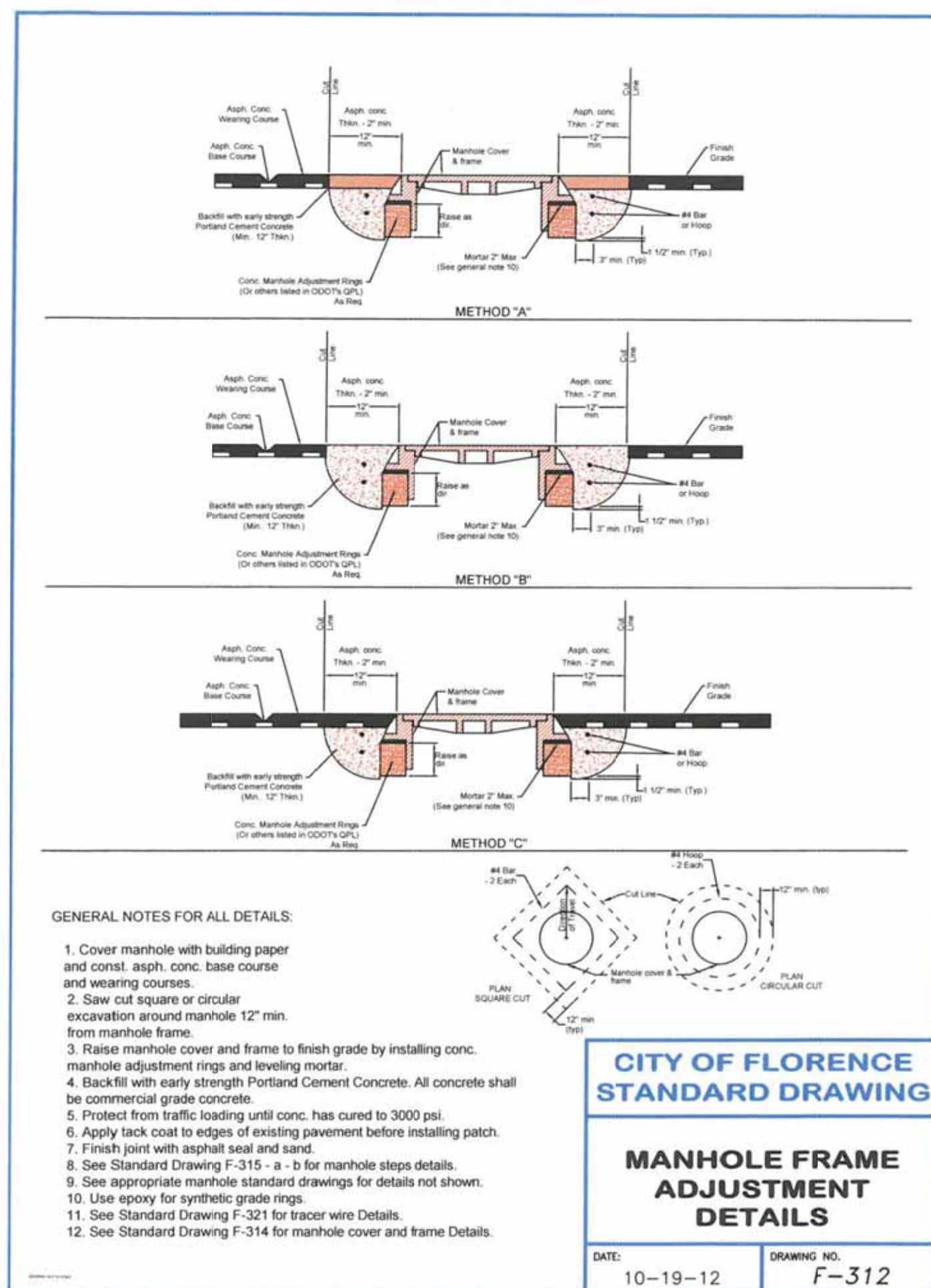
F-308 - SEWER SERVICE DETAIL



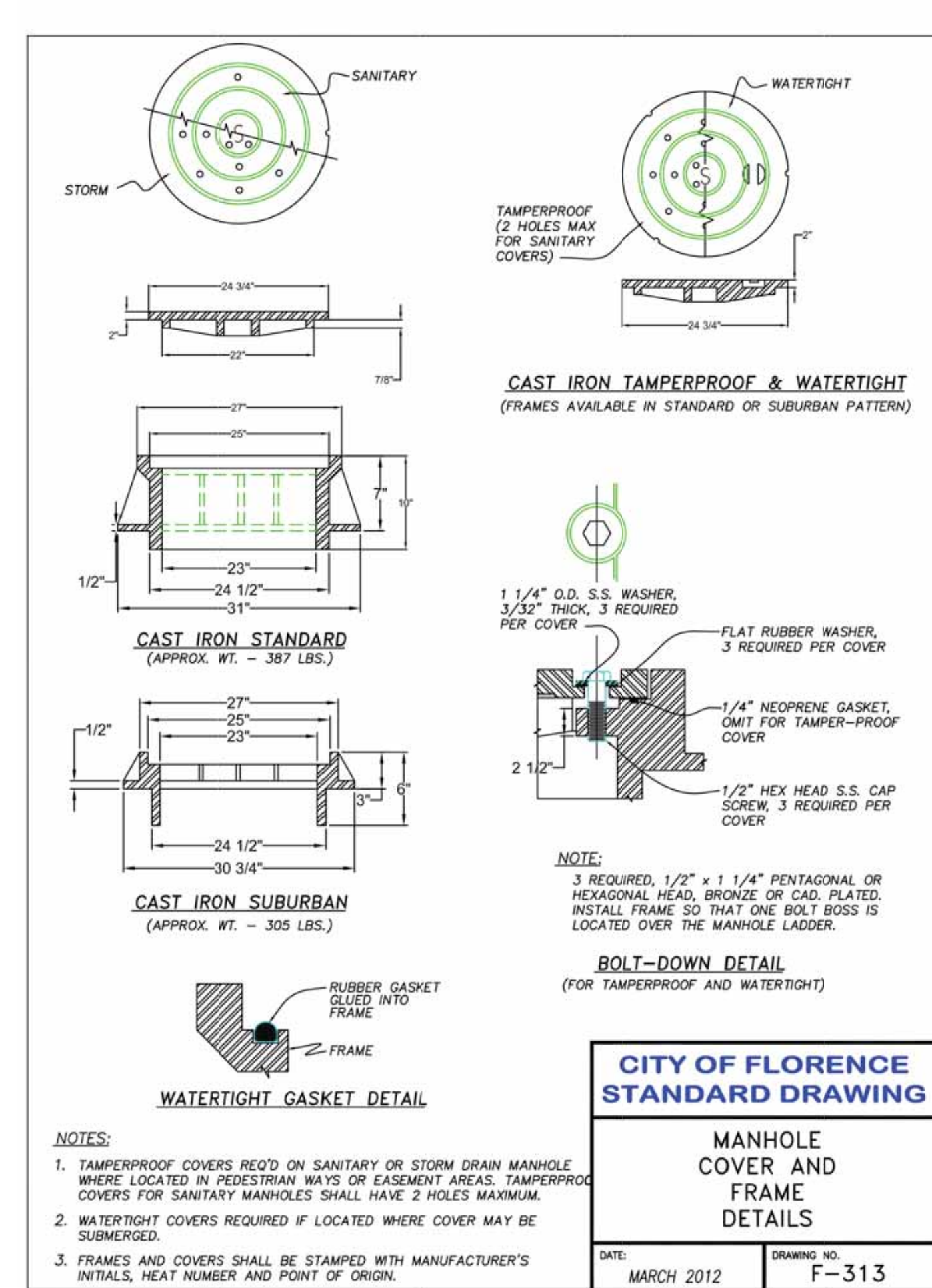
F-310 - CLEANOUT



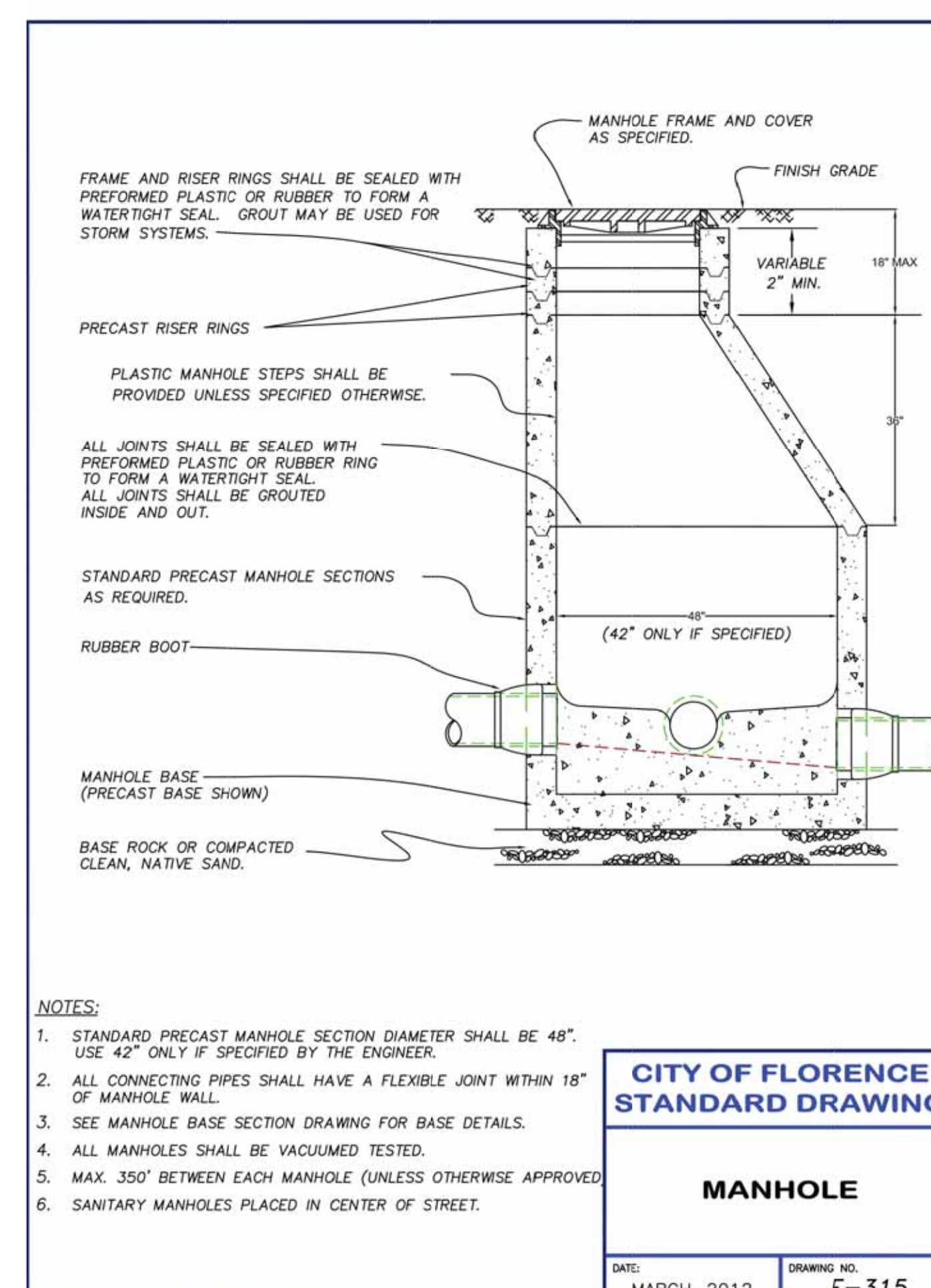
F-310A - TERMINATION CLEAN OUT



F-312 - MANHOLE ADJUSTMENT DETAILS



F-313 - MANHOLE COVER AND FRAME DETAILS



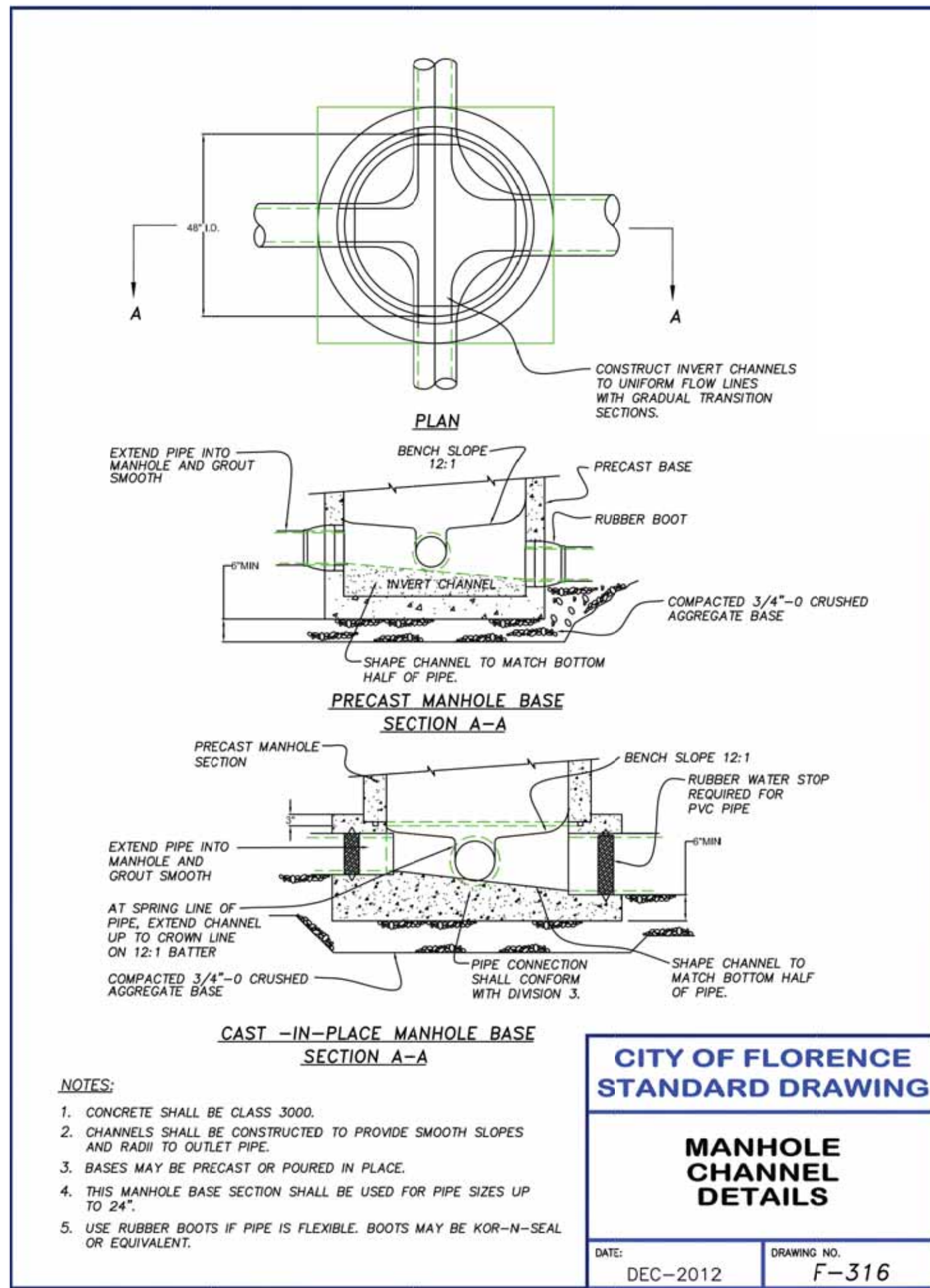
F-315 - MANHOLE



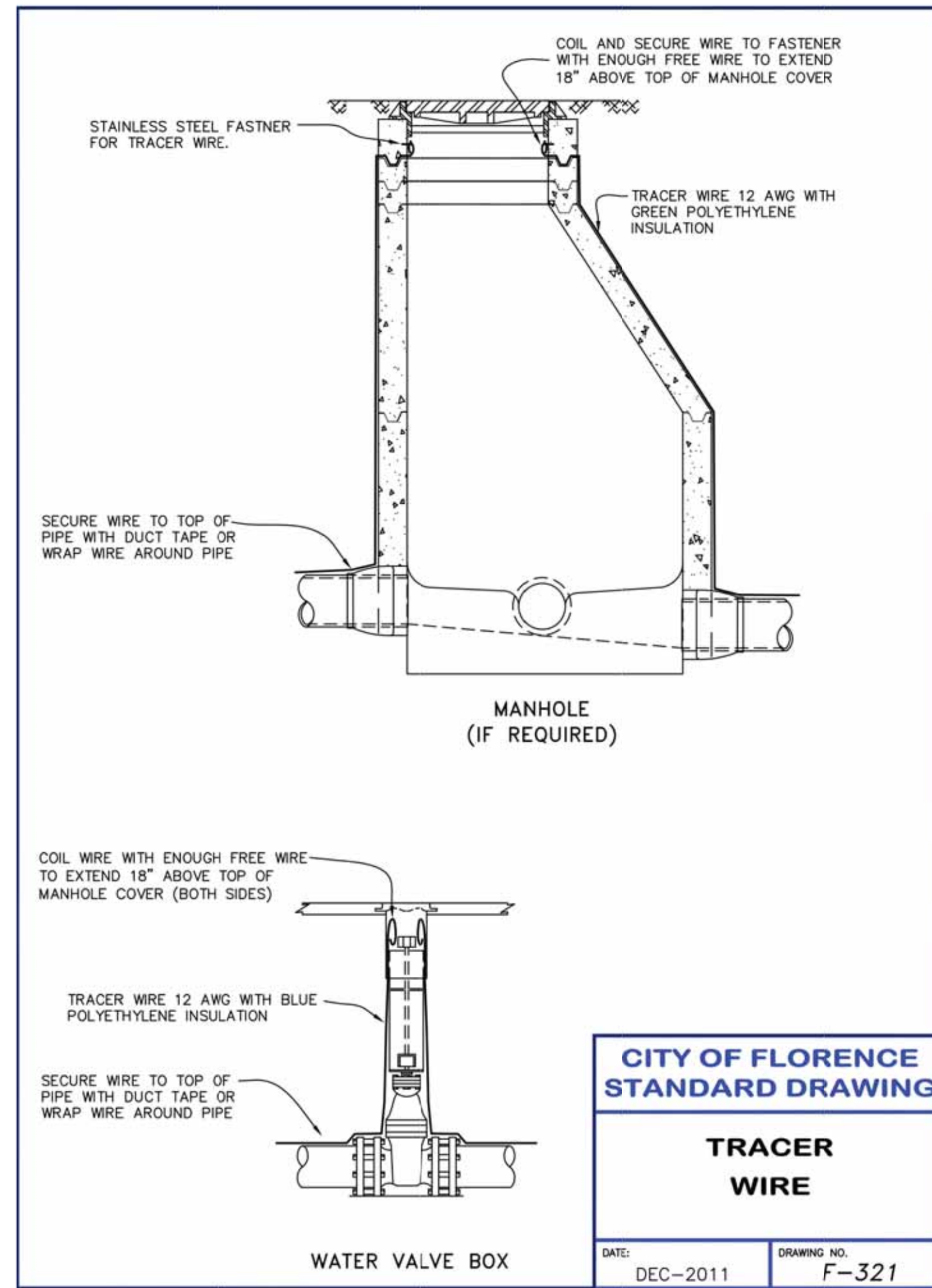
Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT

No	Description of Revisions	Date	Name



F-316 - MANHOLE CHANNEL DETAILS



F-321 - TRACER WIRE

(HORIZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET										(VERTICAL) VOLUME OF THRUST BLOCK IN CUBIC YARDS			
FITTING SIZE	TEE, WYE, DEAD END & HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN	45° BEND	22-1/2° BEND	11-1/4° BEND	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND		
4	1.0	1.6	1.4	1.9	1.4	1.0	---	---	---	---	---	---	---
6	2.1	3.7	3.0	4.3	3.0	1.6	---	---	1.3	---	---	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3	1.1	---	---	---
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7	1.8	---	---	---
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5	2.8	1.2	---	---
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6	3.9	1.7	---	---
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9	5.1	2.3	0.9	---
18	19.0	---	27.0	38.0	27.0	14.6	7.6	3.8	---	---	---	---	---
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	---	---	---	---	---
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8	---	---	---	---	---

**NOTES:**  
 1. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:  
 BEARING AREA = ( TEST PRESSURE / 150 ) x ( 2000 / SOIL BEARING STRESS ) x ( TABLE VALUE )  
 2. ABOVE VOLUMES BASED ON TEST PRESSURE OF 150 PSI AND THE WEIGHT OF CONCRETE = 4050 POUNDS PER CUBIC YARD. TO COMPUTE FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:  
 VOLUME = ( TEST PRESSURE / 150 ) x ( TABLE VALUE )

RODS FOR VERTICAL BENDS		
FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"
14"-16"	#8	36"

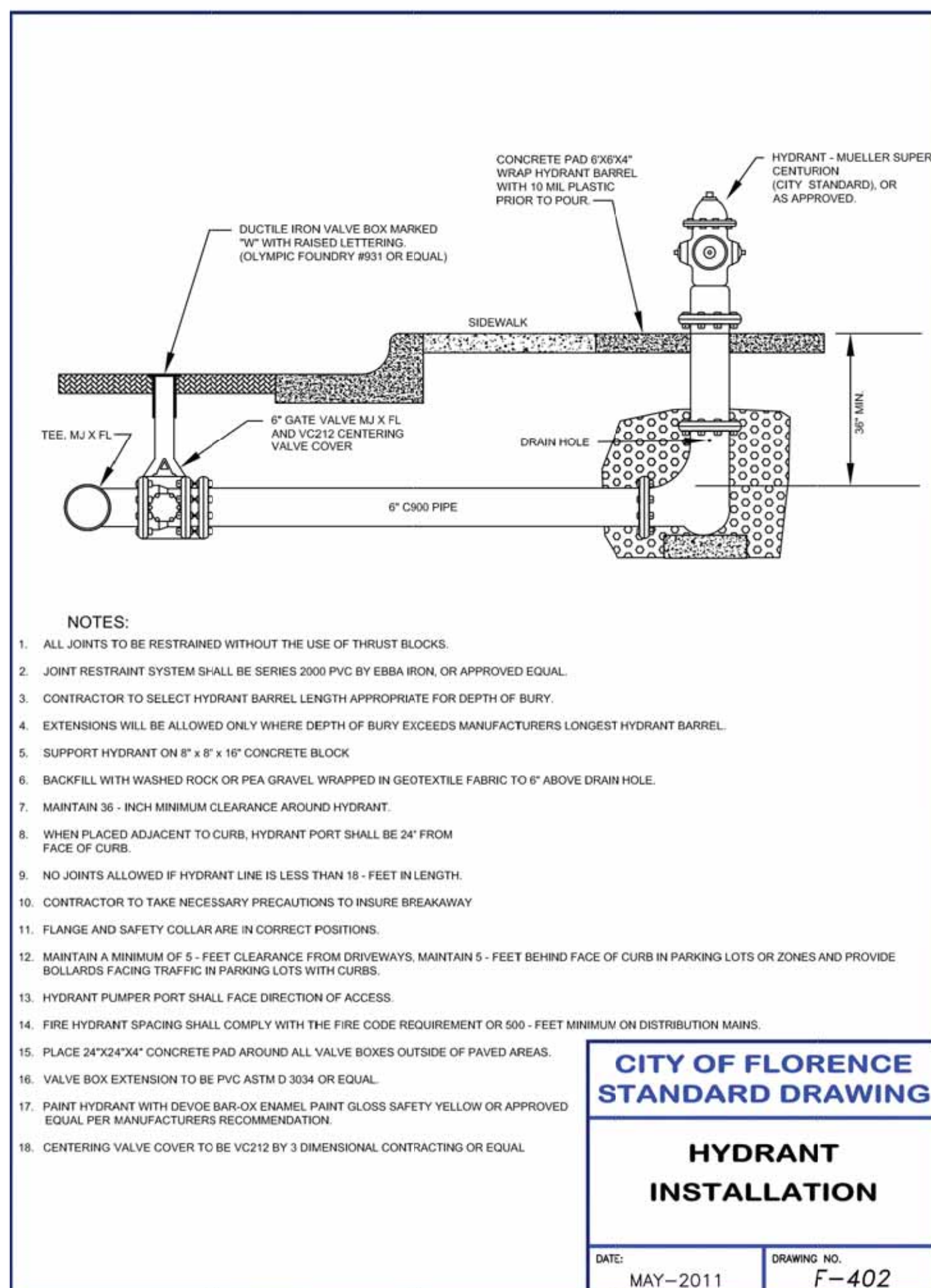
**NOTES:**  
 1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.  
 2. ALL CONCRETE TO BE CLASS 2400 MINIMUM.  
 3. INSTALL ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.  
 4. CONCRETE SHALL BE KEPT CLEAR OF ALL JOINTS AND ACCESSORIES.  
 5. THE RODS SHALL BE DEFORMED, GALVANIZED, STEEL, 60,000 PSI TENSILE STRENGTH.

**CITY OF FLORENCE STANDARD DRAWING**

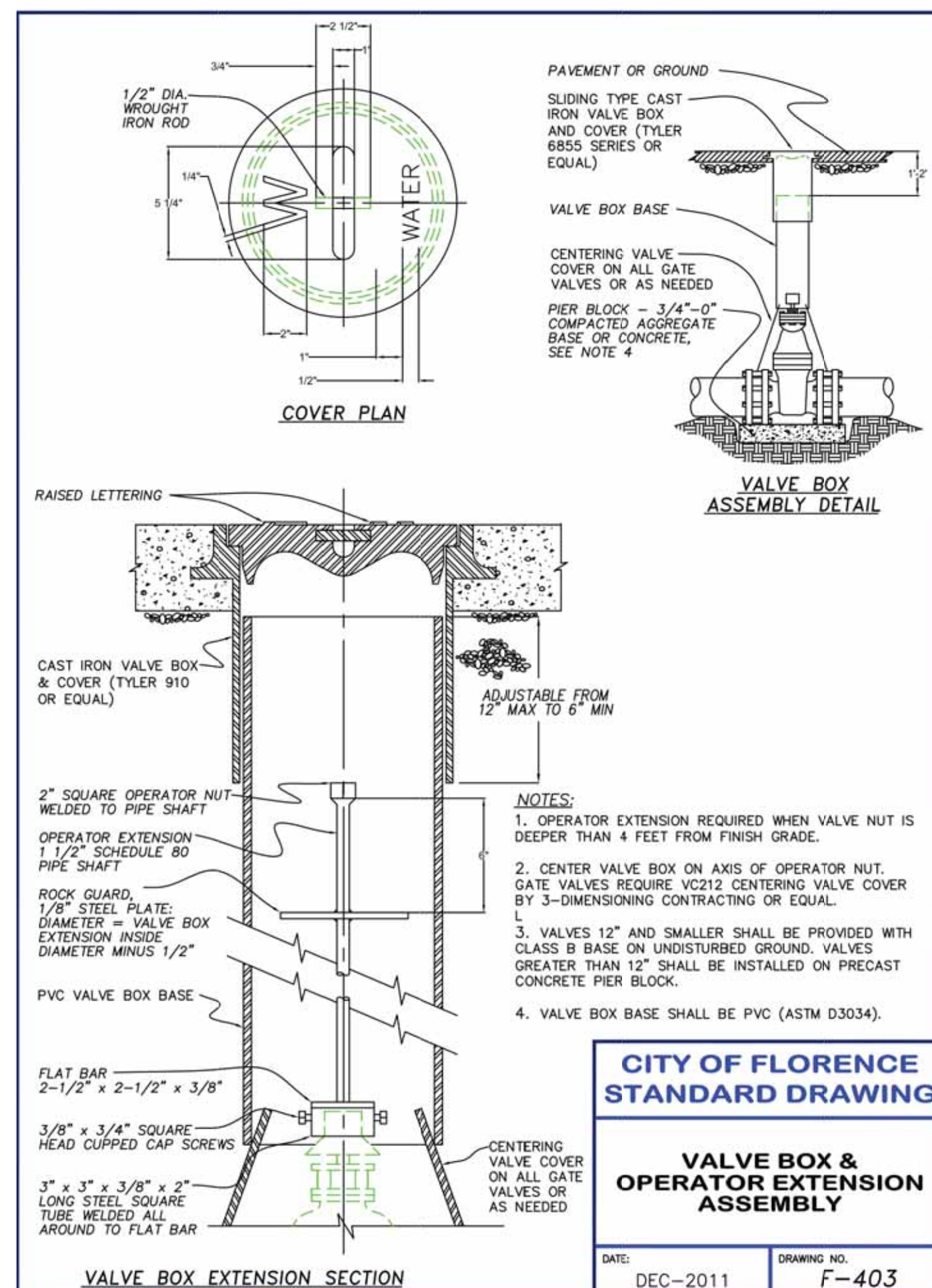
**THRUST BLOCKING**

DATE: SEPTEMBER 2011 DRAWING NO: F-401

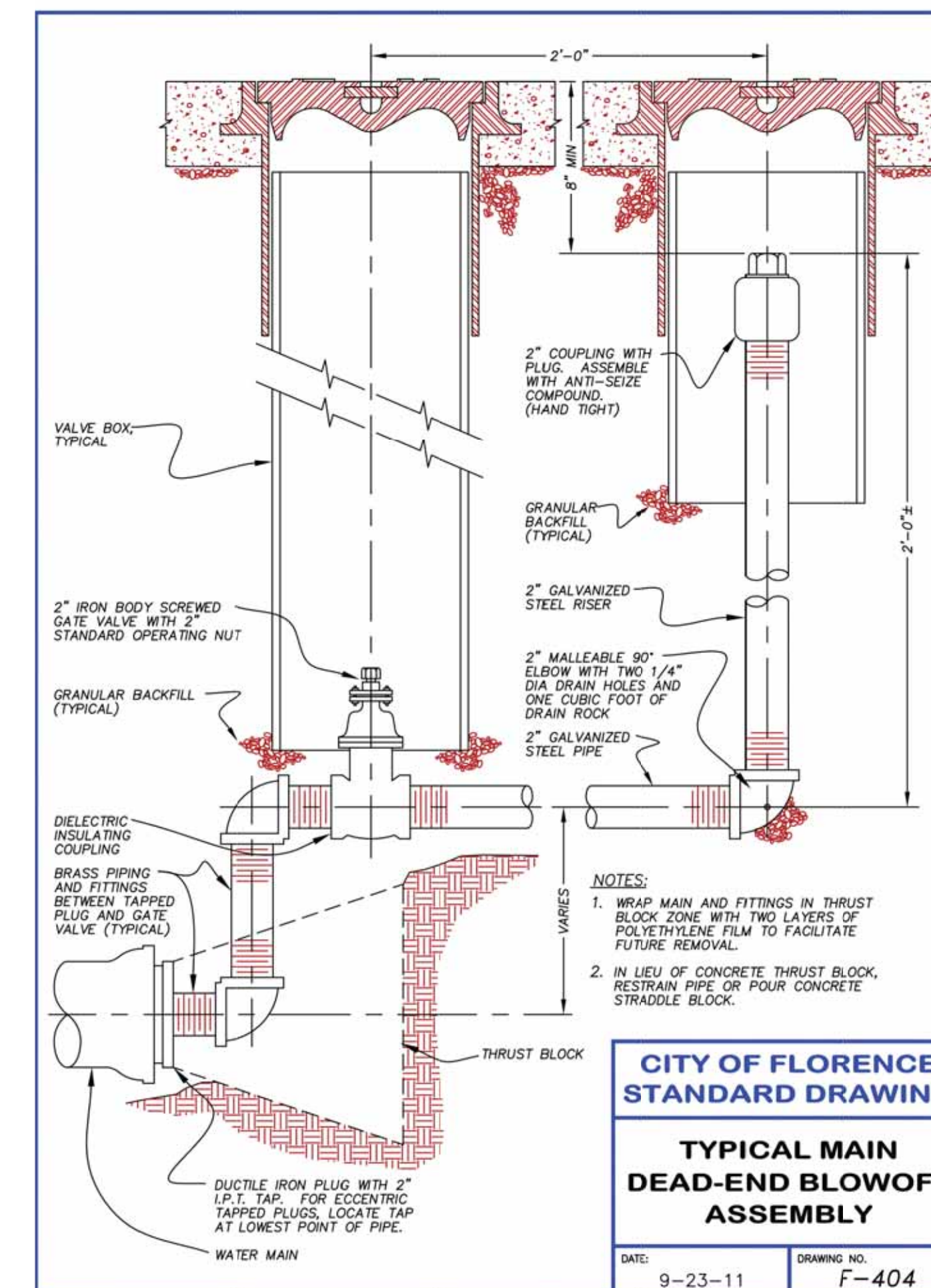
F-401 - THRUST BLOCKING



F-402 - HYDRANT INSTALLATION



F-403 - VALVE BOX & OPERATOR EXTENSION ASSEMBLY

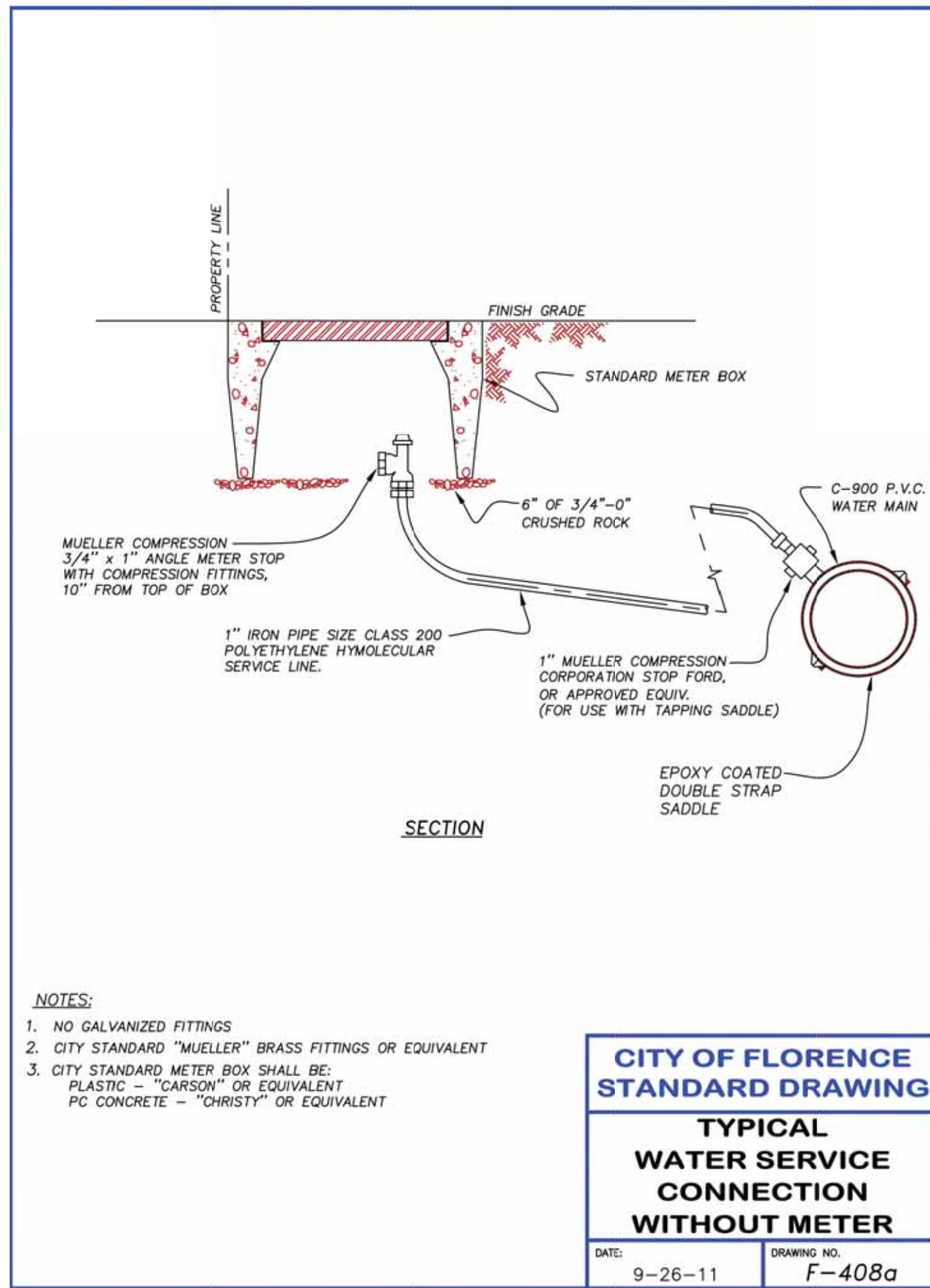


F-404 - TYPICAL MAIN DEAD-END BLOWOFF ASSEMBLY

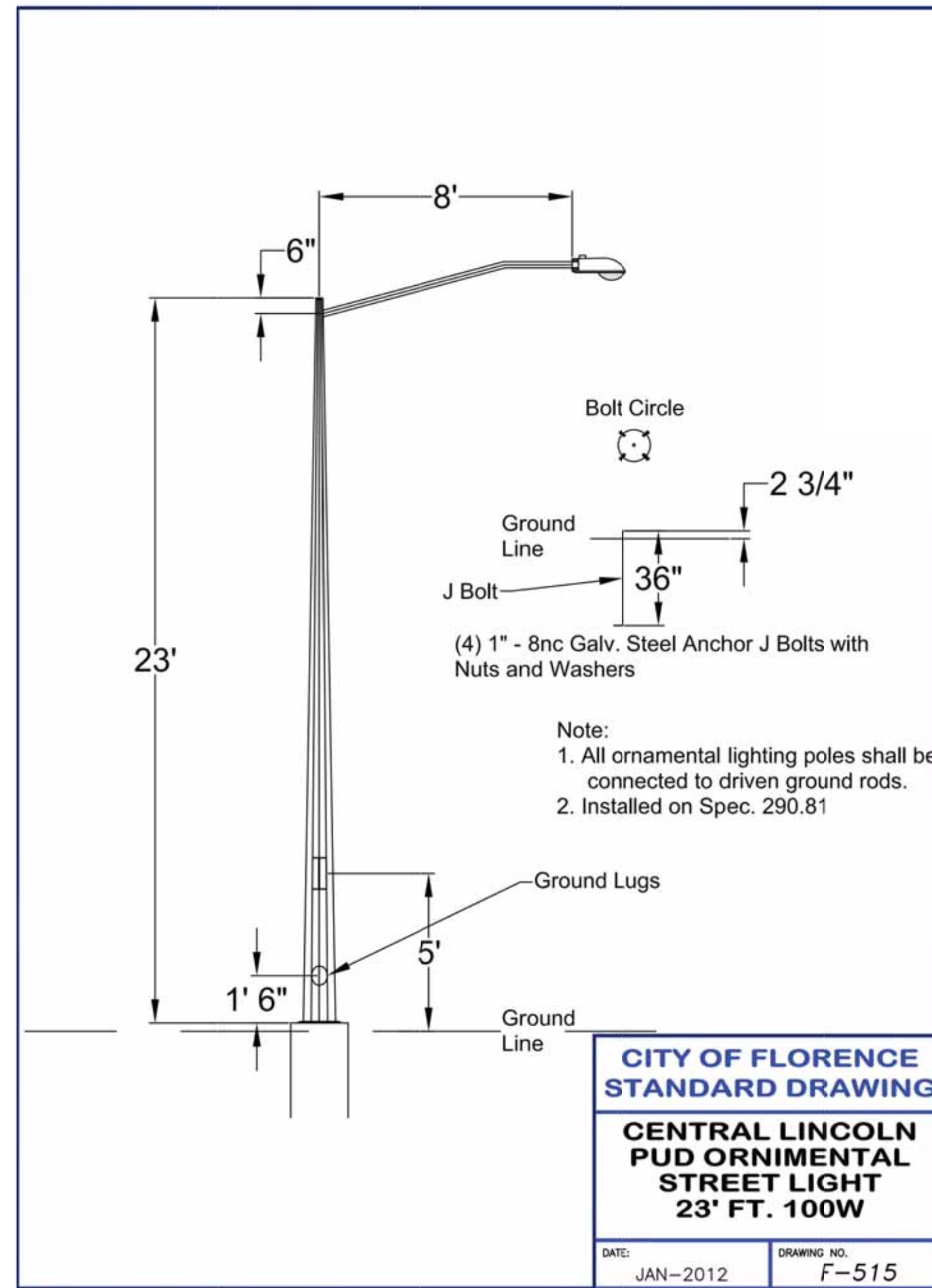


No	Description of Revisions	Date	Name

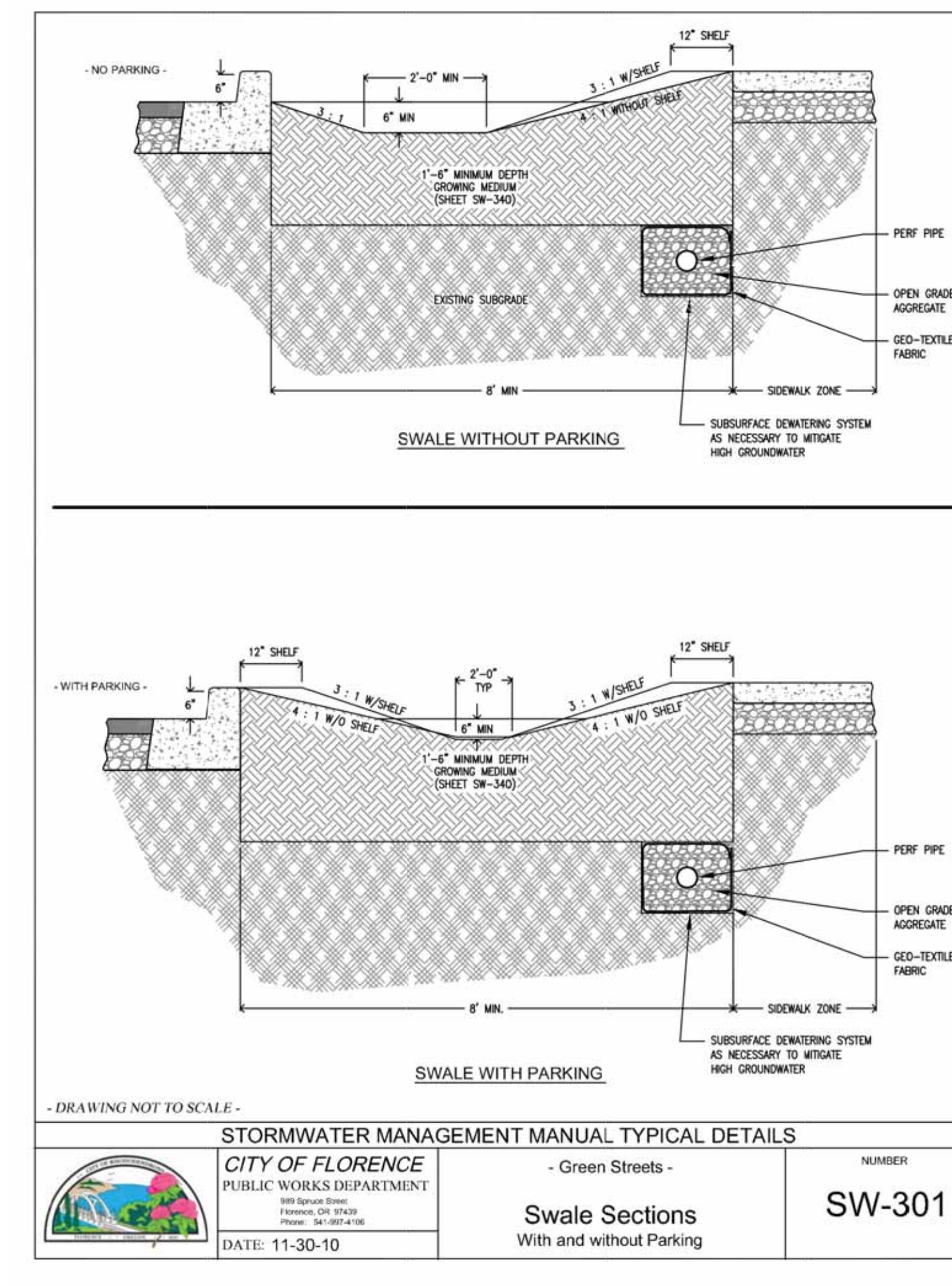
Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT



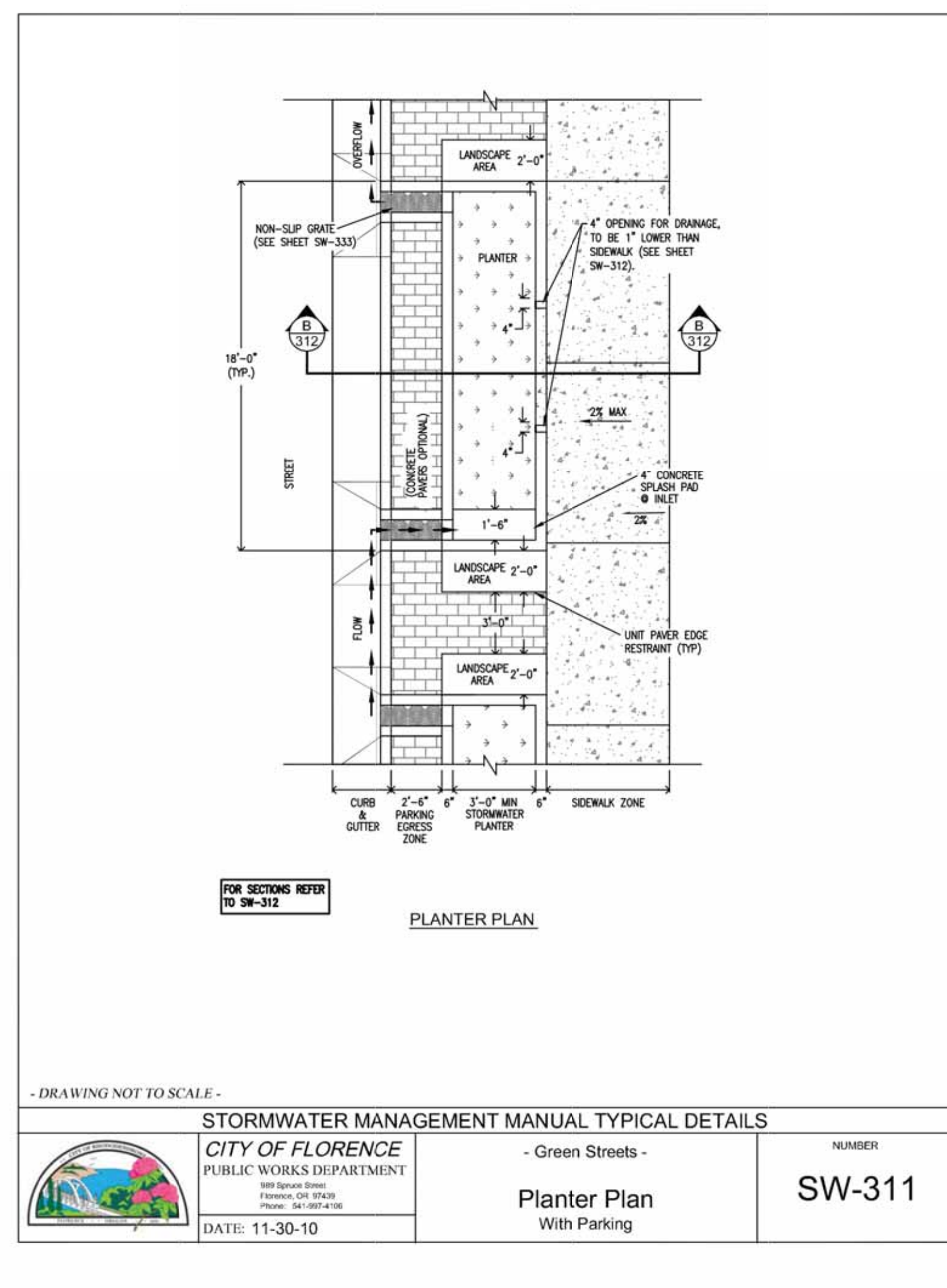
F-408A - TYPICAL WATER SERVICE CONNECTION WITHOUT METER



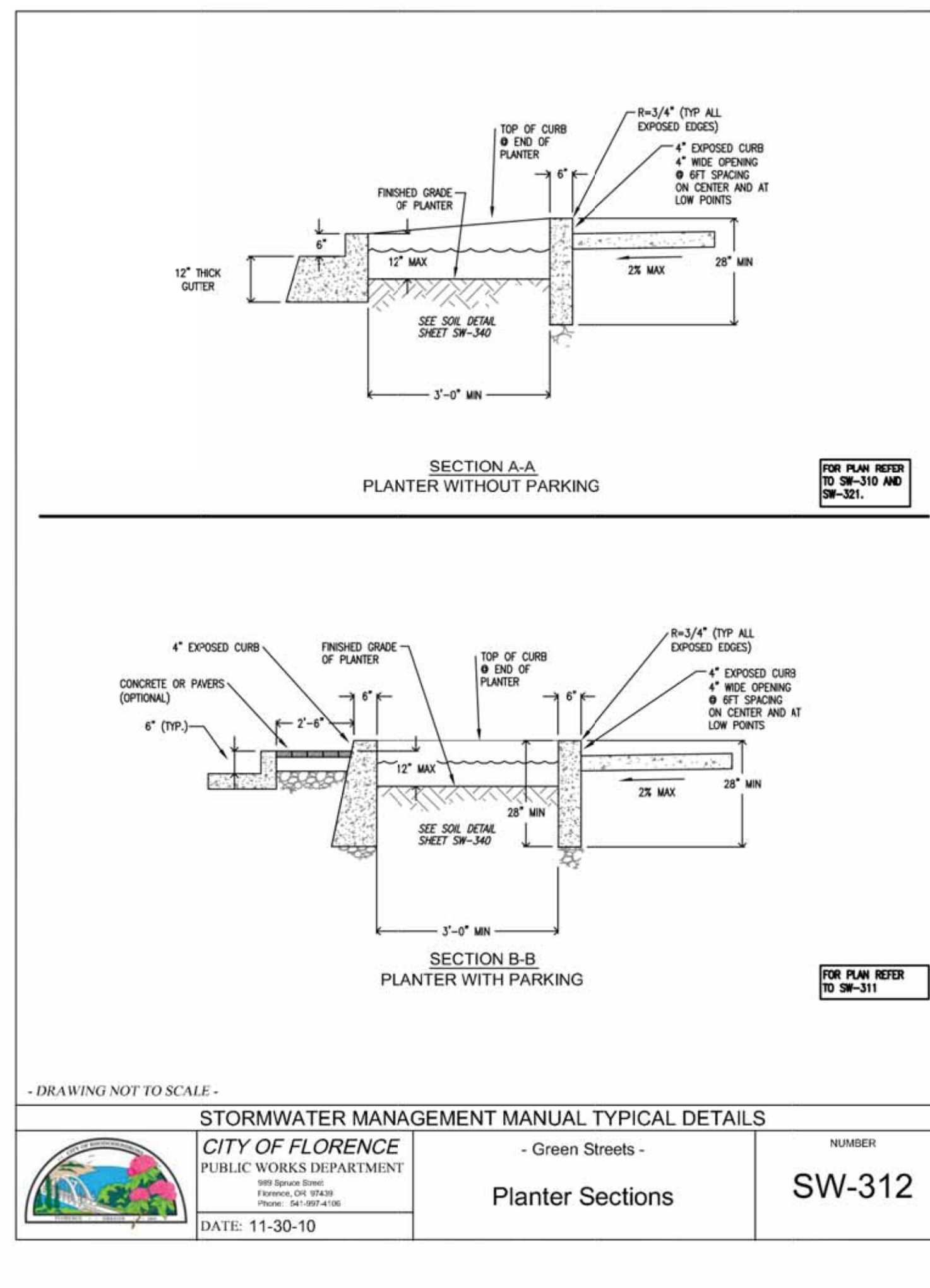
F-515 - CLPUD ORNAMENTAL STREET LIGHT 23 FT. 100W



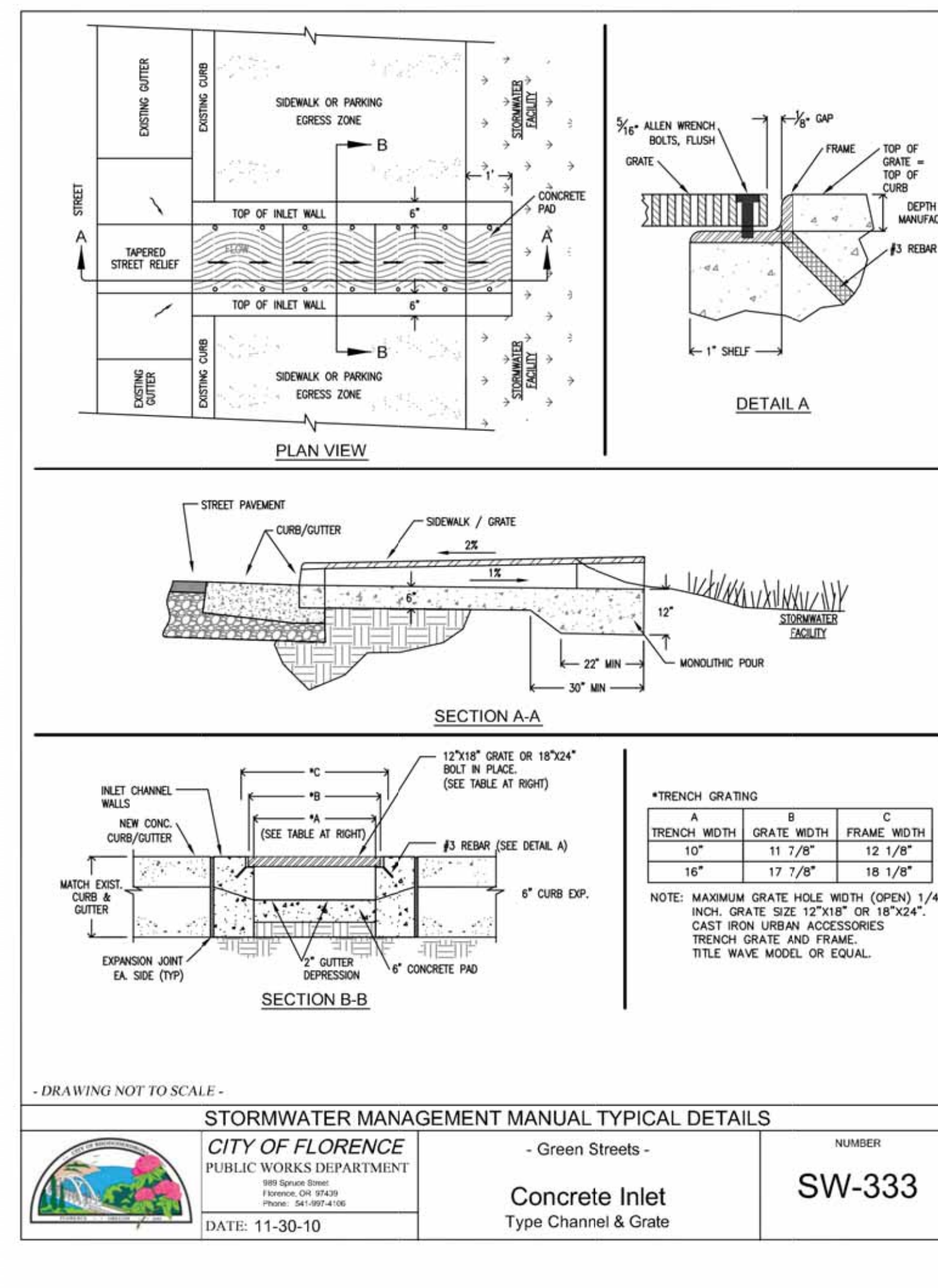
SW-301 - SWALE SECTIONS



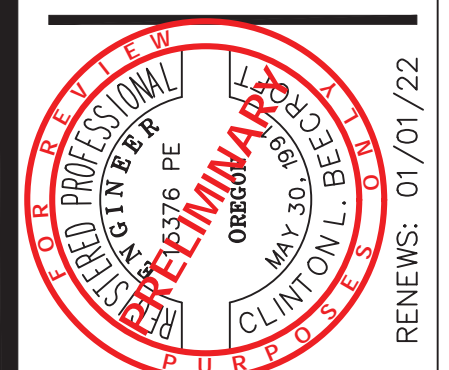
SW-311 - PLANTER PLAN



SW-312 - PLANTER SECTIONS

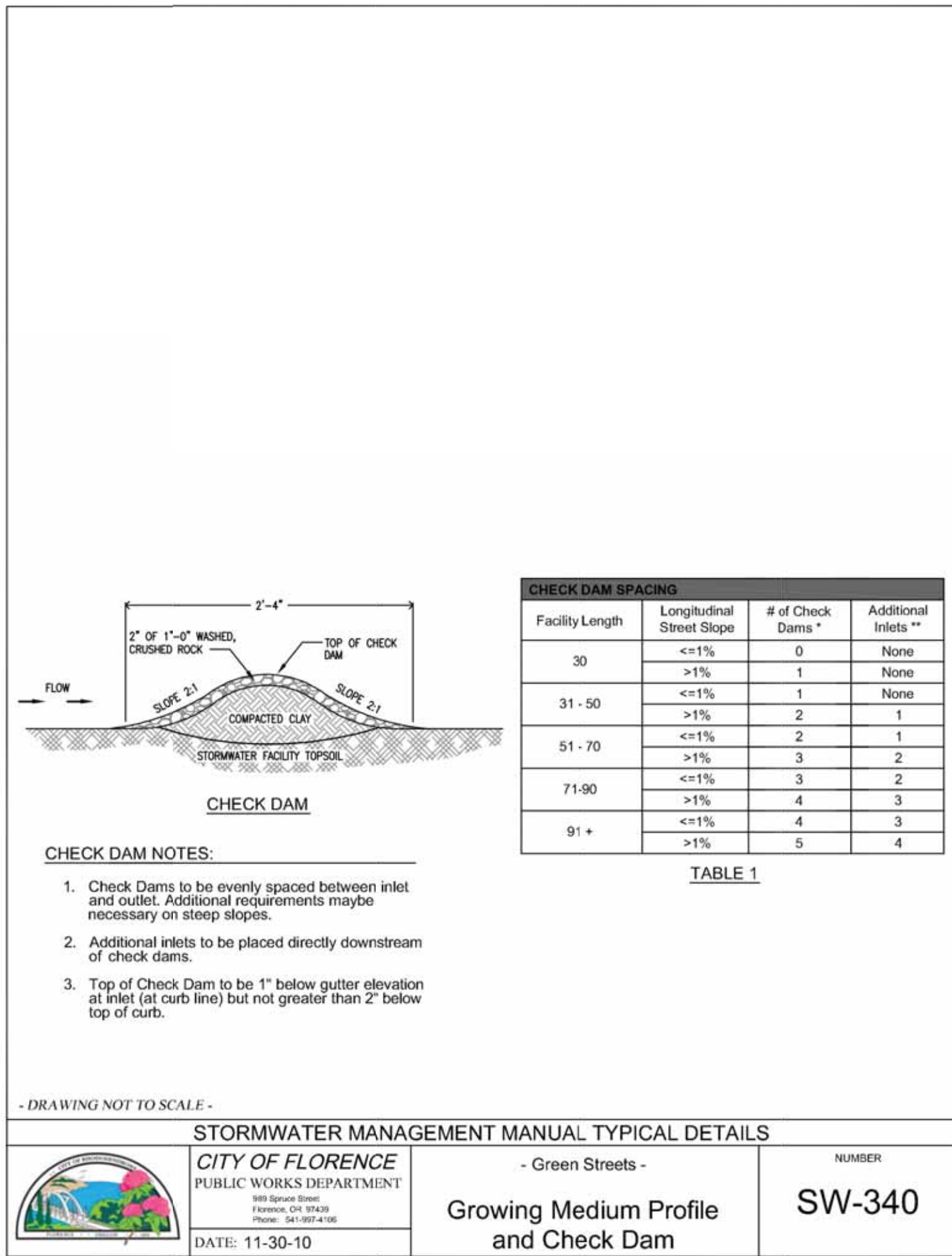


SW-333 - CONCRETE INLET

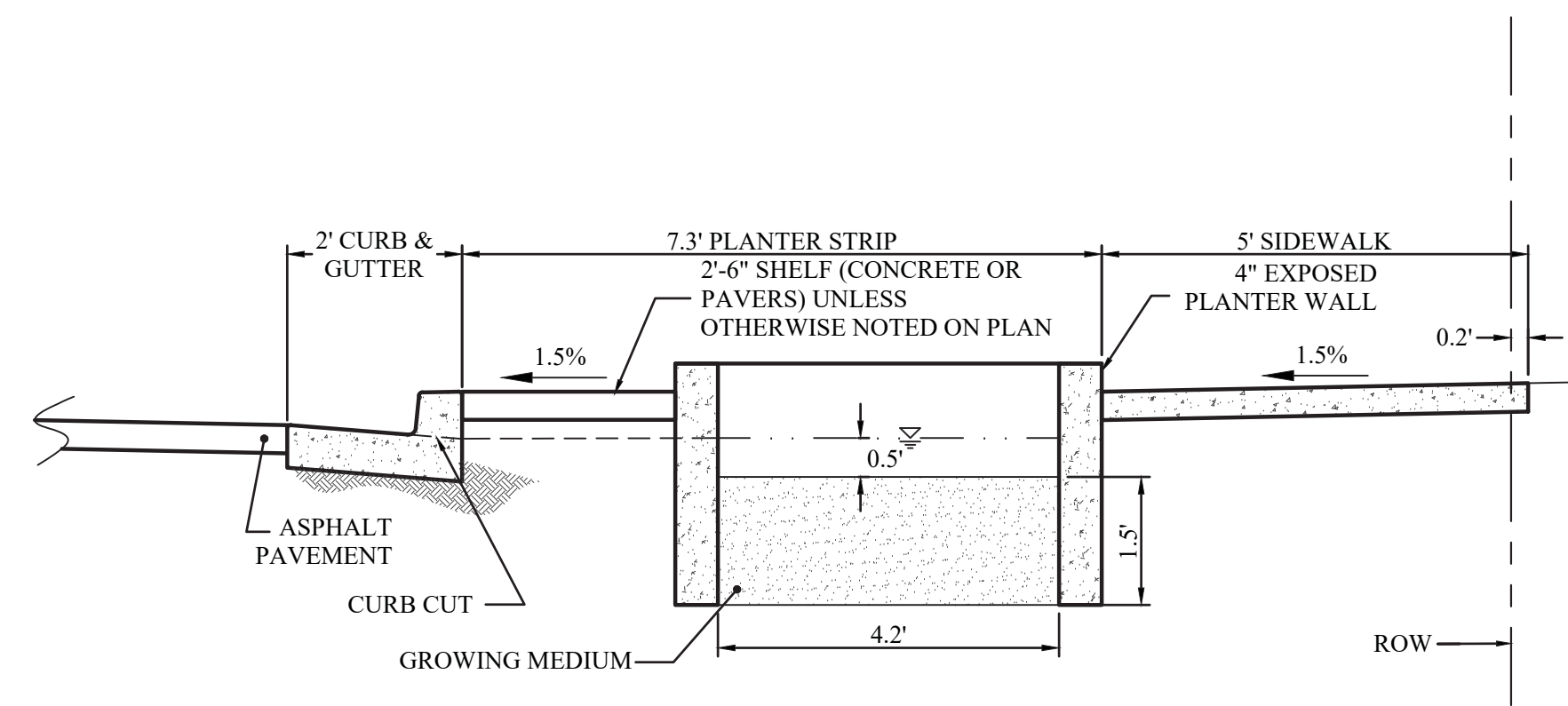


Date	Description of Revisions	No	Name
01-29-2021			
6885-18-0134			
			C. BEECROFT
			C. BEECROFT
			C. BEECROFT



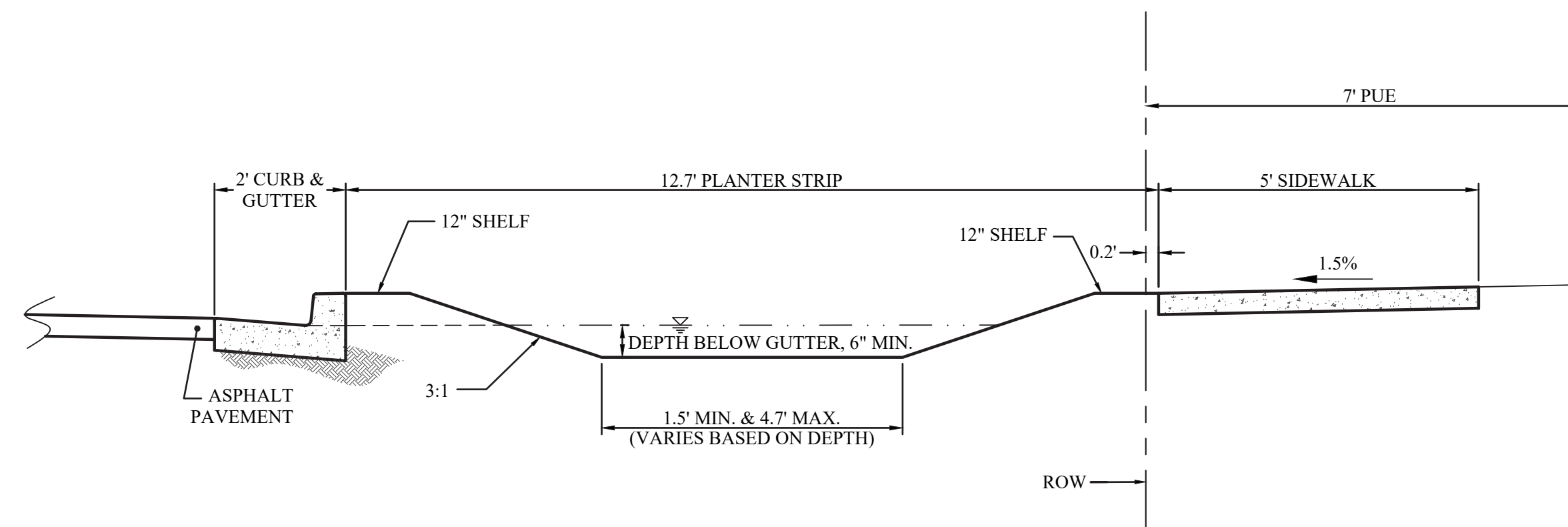


SW-340 - CHECK DAM



NOTE:  
1. PLANTER WIDTH MAY VARY. SEE STORMWATER FACILITY TABLE ON PLAN SHEETS.  
2. SEE DETAIL SW-311 FOR TYPICAL PLANTER SECTIONS.

TYPICAL STREET-SIDE STORMWATER PLANTER  
N.T.S.



NOTE:  
1. SEE DETAIL SW-301 FOR TYPICAL SWALE SECTIONS.  
2. SWALE SLOPE OF 3:1 WITH 12" SHELF ADJACENT TO CURB AND WALK IS SHOWN. A SLOPE OF 4:1 IS ALLOWED WITHOUT SHELVES.  
3. DEPTH BELOW GUTTER IS TYPICALLY 6", BUT MAY BE GREATER. SEE STORMWATER FACILITY TABLE ON PLAN SHEETS FOR DESIGN DEPTHS.

TYPICAL STREET-SIDE STORMWATER SAWLE  
N.T.S.



Date	Job Number	Design by	Drawn by	Checked by
01-29-2021	6885-18-0134	C. BEECROFT	C. BEECROFT	C. BEECROFT