



Public Works Committee

Thursday, March 30, 2023 at 6:00 pm

Notice of Meeting

320 N Main St. Falls City, OR 97344

Committee Members

Mike McConnell - Tony Meier - Jeff Propp - Gordon Hanson - Guy Mack - Cliff Lauder - Tracy young

1. Call to Order
2. Pledge of Allegiance
3. Motion to Adopt the Entire Agenda
4. Consent Agenda - Motion Action Approving Consent Agenda Items

Attachments:

- **Minutes** (2023.02.23_PW_Minutes.pdf)

5. Public Comments
6. New Business
7. Old Business
 - a. Safe Routes to School

Attachments:

- **Staff Report** (2023.3.30_SR_1_Safe_Routes_To_School_Project.pdf)
- **Exhibit A** (SR_1_Exhibit_A_SRTS_FALLS_CITY_2022_5-27-22_Design.pdf)
- **Exhibit B** (SR_2_Exhibit_A_Main_Street_Map.pdf)

- b. Excessive Septic Tank Pumping

Attachments:

- **Staff Report** (2023.3.30_SR_3_Excessive_Septic_Tank_Pumping.pdf)

- c. Permit Parking on North Main Street

Attachments:

- **Staff Report** (2023.3.30_SR_2_Main_Street_Parking_Permits.pdf)

8. Correspondence, Comments and Ex-Officio Reports
9. Committee Announcements
10. Adjourn

City of Falls City
Public Works Committee Meeting
Thursday February 23, 2023 6:00PM
Meeting Location: 320 N. Main Street

Committee Members Present

Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack, City Manager AJ Foscoli by phone.

1) Call to Order

Chair McConnell called the meeting to order at 6:04 PM, took roll call.

2) Pledge of Allegiance

Chair McConnell led the Committee in the Pledge of Allegiance.

3) Motion to Adopt the entire Agenda

Member Meier moved and member Young seconded: **that we adopt the entire Agenda.** Motion carried 5-0-0 Ayes. Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack.

4) Consent Agenda: Motion Action Approving Consent Agenda Items

Member Meier moved and member Propp seconded: **that we approve Consent Agenda Item, PWC Minutes October 27, 2022** Motion carried 5-0-0 Ayes. Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack.

5) Public Comment - None

6) New Business

A. Safe Routes to School

City Manager Foscoli informed the Committee that after delays, the Safe Routes to Schools are scheduled to be constructed this summer. Improvements include redesign of crosswalks at Bridge and North Main Streets with the inclusion of a Pedestrian Island, redesigned ADA compliant bump outs (mostly on the north side of N. Main) and a dedicated walkway from the Elementary School to the High School. The walkway will be asphalt or concrete with walls and pylons and fencing at the entrances/exits to restrict vehicular traffic.

B. Excessive Septic Tank Pumping

City Manager, Foscoli explained that the City is having to pump some septic tanks 2 - 3 times more frequently than DEQ strictest standards causing disruptions of Public Works schedule and are costly, impacting the wastewater budget negatively and that the City is exploring the possibility of enacting fees for excessive pumping. General discussion of information presented by the City and the need for more accurate information gathering and collating. Member Young moved and member Meier seconded that PWC recommend: **that the City explore enacting fees for excessive septic tank pumping due to overuse.** Motioned carried 5-0-0 Ayes. Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack. City Manager Foscoli to present this recommendation to City Council.

C. Permit Parking on North Main Street

City Manager Foscoli said the City is continuing to explore how to deter illegal parking on North Main Street. Member Meier suggested the City post the north side of North Main from Ellis Street to the City limits be posted No Parking. Other options for remainder of North Main included permit parking, day or night, no overnight parking, the importance of increased signage for whatever option(s) implemented. Member Young moved and member Propp seconded that the PWC recommend: **that the Committee supports the City exploring Parking Permits and increased signage to deter illegal parking on North Main Street.** Motion carried 5-0-0 Ayes.

Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack. Member Tracy Young to explore other options, beside using TRS of Salem, for towing illegally parked vehicles.

7) Old Business

A. Fiscal Impact of Football Field Remediation

Chair McConnell asked City manager Foscoli about the final cost of the High School Football Field wastewater remediation. Manager Foscoli informed the Committee that the final cost was \$48,000.00 and was paid for by ARPA funds provided by the State of Oregon.

8) Correspondence, Comments and Ex-Officio Report

9) Committee Announcements

Next meeting to be determined.

10) Adjourn

Member Mack moved and Chair McConnell seconded: **that we adjourn**. Motion carried 5-0-0 Ayes. Mike McConnell, Tony Meier, Tracy Young, Jeff Propp, Guy Mack. Meeting adjourned at 7:21..

_____ Public Works Committee Chair McConnell

Attested: _____ Public Works Committee Member

STAFF REPORT

TO: PUBLIC WORKS COMMITTEE
FROM: CITY MANAGER, AJ FOSCOLI
SUBJECT: SAFE ROUTES TO SCHOOL PROJECT
DATE: MARCH 30, 2023

SUMMARY

The design work for the Safe Routes to School project that will encompass Main Street from the bridge to Prospect Avenue is nearly complete.

BACKGROUND

The city of Falls City applied for and received grants from ODOT for a Safe Routes to School project, as well as the Small Cities Allotment grant to upgrade sidewalks to and from the elementary school. Due to COVID, the work was pushed back several times, but as the design is nearly complete (Exhibit A), the engineering firm is looking at construction this summer. There have been some challenges with the design based on discrepancies of Right of Way from adjacent property owners, but with some negotiations with the engineering firm Westech and the adjacent property owners, we feel we're at a good point in this project.

One of our last conversations with property owners will occur on Tuesday, March 28 to sort through property access impacted by the project. An update of that will be given at the meeting.

FINANCIAL IMPLICATIONS

This maintenance work will be paid with ODOT Safe Routes to School grant, and Small Cities Allotment grant.

ATTACHMENTS

Exhibit A

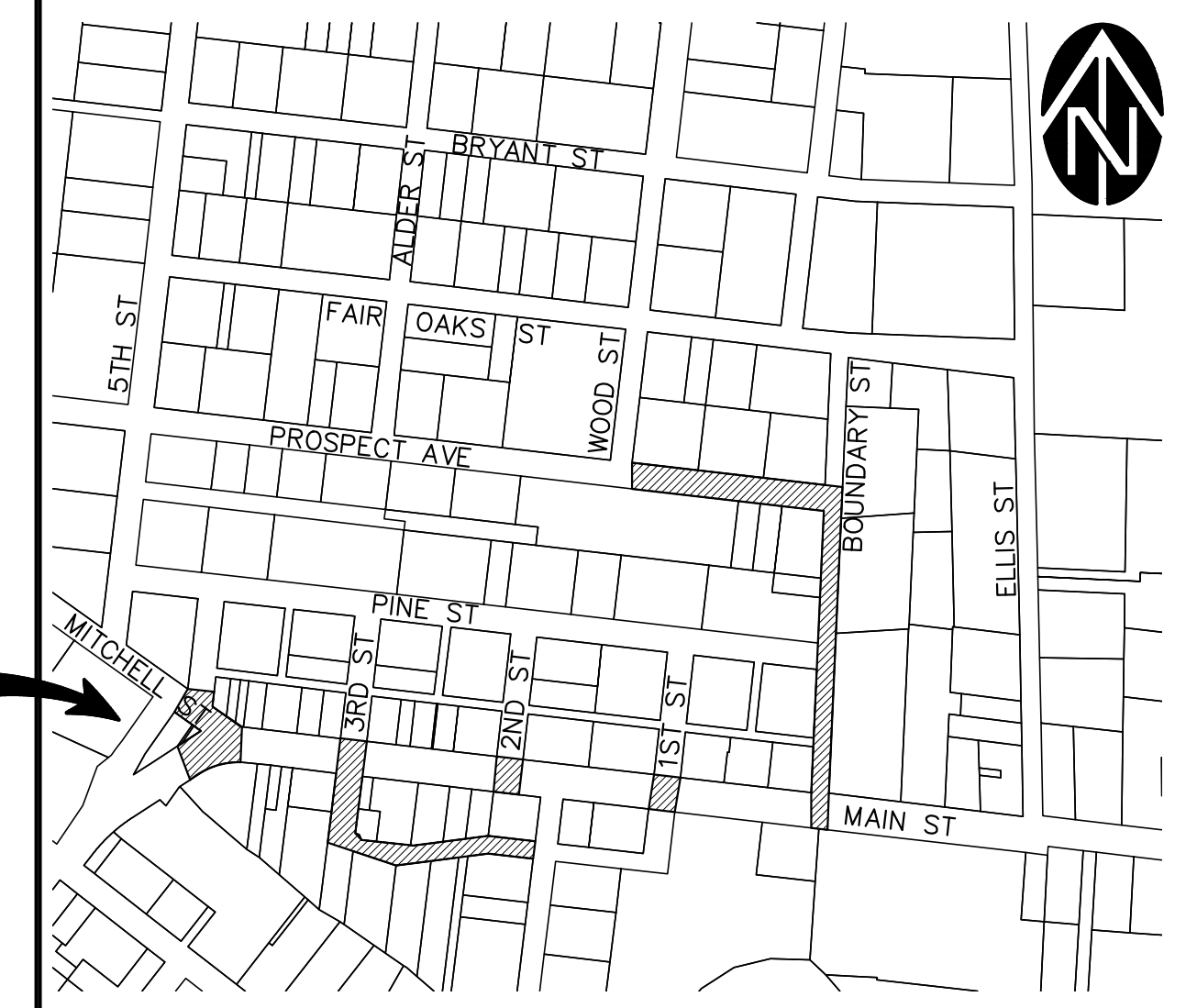
DRAWINGS FOR:

2022 PEDESTRIAN IMPROVEMENTS

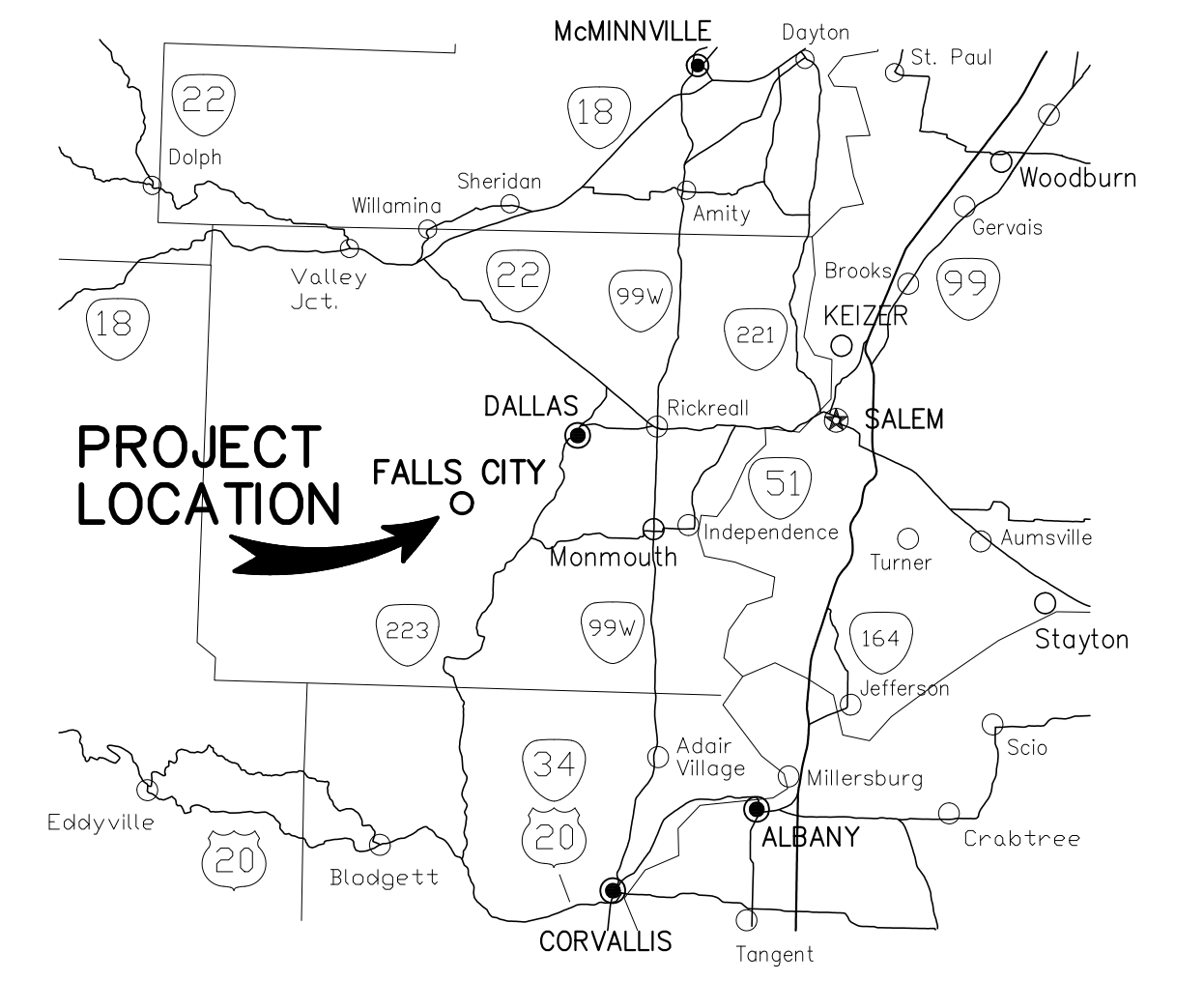
The City of Falls City
 299 Mill Street
 Falls City, Oregon 97344

Exhibit A

PROJECT LOCATION



LOCATION MAP



VICINITY MAP

DISCLAIMER: UTILITIES DEPICTED ARE BASED ON EVIDENCE FOUND IN THE FIELD, MUNICIPALITY AND/OR OTHER GOVERNMENT ENTITY AS-BUILT PLANS, CONTRACTOR PLANS AND OTHER DOCUMENTS OF RECORD. BARKER SURVEYING ASSUMES NO RESPONSIBILITY FOR UTILITIES THAT ARE NO LONGER IN USE, INSTALLED AFTER THE DATE OF ACTUAL SURVEY, NOT IDENTIFIED OR NOT LOCATED. THIS INCLUDES UTILITIES UPON PUBLIC OR PRIVATE PROPERTY.

SPECIFIC UTILITY POSITIONS INDICATED ON THE GROUND SURFACE PROVIDED BY LOCATION SERVICES MAY VARY DUE TO UNDERGROUND DETECTION CAPABILITIES.

DESIGNATION: F 226 PD: QE0597

NAVD 88'
 ELEV: 383.90'

"AT FALLS CITY, IN THE EAST PART OF TOWN, ABOUT 110 FEET SOUTH OF CENTER LINE OF MAIN RD. LEADING TO DALLAS. AT THE NORTH ENTRANCE TO THE HIGH SCHOOL BUILDING, AND IN TOP OF THE WEST CONCRETE PORCH RAIL, ABOUT 4.2 FEET ABOVE AVERAGE GROUND AT BENCHMARK, A U.S. COAST AND GEODETIC SURVEY & STATE SURVEY DISK, STAMPED F 226 1934 380 1934."

ABBREVIATIONS

A.C. or ASPH. ASPHALTIC CONCRETE	IRR. IRRIGATION
A.D. AREA DRAIN	INV. INVERT
ASSY. ASSEMBLY	J.B. JUNCTION BOX
BLDG. or BLD. BUILDING	L.P. LIGHT POLE
BW. BOTTOM OF WALL	M. METER, MAIN
CATV. CABLE TELEVISION	M.B. MAILBOX
C.B. CATCH BASIN	M.H. MANHOLE
C.D. CLEAN-OUT	O.H. OVER-HEAD
CONC. CONCRETE	P/L or P. PROPERTY LINE
C.L. or C. CENTERLINE	P.P. POWER POLE
D.I. DUCTILE IRON	P.V.C. POLYVINYL CHLORIDE
E.G. EDGE OF GRAVEL	PWR. or P. POWER
E.O.P. or E.P. EDGE OF PAVEMENT	R. or RAD. RADIUS
ELEV. ELEVATION	R.O.W. or R/W. RIGHT-OF-WAY
EX. or EXIST. EXISTING	SAN. SEWER or S.S. SANITARY SEWER
F.D.C. FIRE DEPT. CONNECTOR	S.T.D. or S.D. STORM DRAIN
FT. FEET	SVC. SERVICE
F.F. FINISH FLOOR	S/W. SIDEWALK
F.G. FINISH GRADE	T.C. TOP OF CURB
F.H. FIRE HYDRANT	TEL. or T. TELEPHONE
F.I. FIELD INLET	TRANS. TRANSFORMER
F.M. FORCE MAIN	TRAF. SIG. or T.S. TRAFFIC SIGNAL
GRAV. GRAVEL	T.W. TOP OF WALL
G.M. GAS METER	TYP. TYPICAL
G.P. GATE POST	U.G. or U/G. UNDER GROUND
GS. GROUND SHOT	UTIL. UTILITY
G.V. GAS VALVE	W/ WITH
H. HANDICAP	WAT. or W. WATER
HYD. HYDRANT	W.L.M. WETLANDS MARKER
I.R. IRON ROD	W.M. WATER METER
I.P. IRON PIPE	Y.P.C. YELLOW PLASTIC CAP

SYMBOLS

AD	AREA DRAIN	SP	SIGN POST
CB	CATCH BASIN	PP	POWER PEDESTAL
CO	SEWER CLEANOUT	TEL	TELEPHONE PEDESTAL
FR	FIRE HYDRANT	CATV	CATV PEDESTAL
GV	GAS VALVE	MB	MAIL BOX
WV	WATER VALVE	IV	IRRIGATION VALVE
WM	WATER METER	SL	STREET LIGHTS
DS	DOWN SPOUT	UP	UTILITY/POWER POLES
MT	MANHOLE TELEPHONE	TP	TEST PIT
MSD	MANHOLE STORM DRAIN	MP	MONUMENT FOUND
MSS	MANHOLE SAN. SEWER		
T	TREES - *TREE NAME* DIAMETER (INCHES)/DRIP RADIUS (FEET)		

NOTE: DIAMETER MEASURED AT BREAST HEIGHT

LINE TYPES

CATV LINE	---CATV---CATV---CATV---CATV---CATV---CATV---CATV---
COMMUNICATION LINE	---COM---COM---COM---COM---COM---COM---COM---
EASEMENT LINE	-----EASEMENT-----
FENCE LINE	---FENCE---
FIBER OPTIC	---FOC---FOC---FOC---FOC---FOC---FOC---FOC---
GAS LINE	---GAS---GAS---GAS---GAS---GAS---GAS---GAS---
OVERHEAD LINE	---OH LINES---OH LINES---OH LINES---OH LINES---
PHONE LINE	---PH---PH---PH---PH---PH---PH---PH---
POWER LINE	---ELEC---ELEC---ELEC---ELEC---ELEC---ELEC---
SANITARY SEWER	---SS---SS---SS---SS---SS---SS---SS---
STORM DRAIN	---SD---SD---SD---SD---SD---SD---SD---
WATER LINE	---W---W---W---W---W---W---W---



Know what's below.
 Call before you dig.

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCURACLY	DATE: 05/2022
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CKD. SW	NO. 1
DESCRIPTION	REVISIONS
BY	

PROFESSIONAL REVIEW
 WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS
 3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 COVER SHEET, LOCATION MAPS, & EXISTING CONDITIONS
 LEGEND

DRAWING G-1
 JOB NUMBER 2969.2030

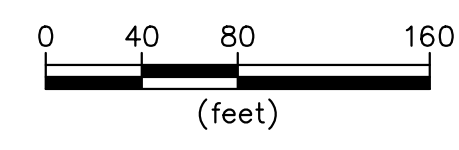
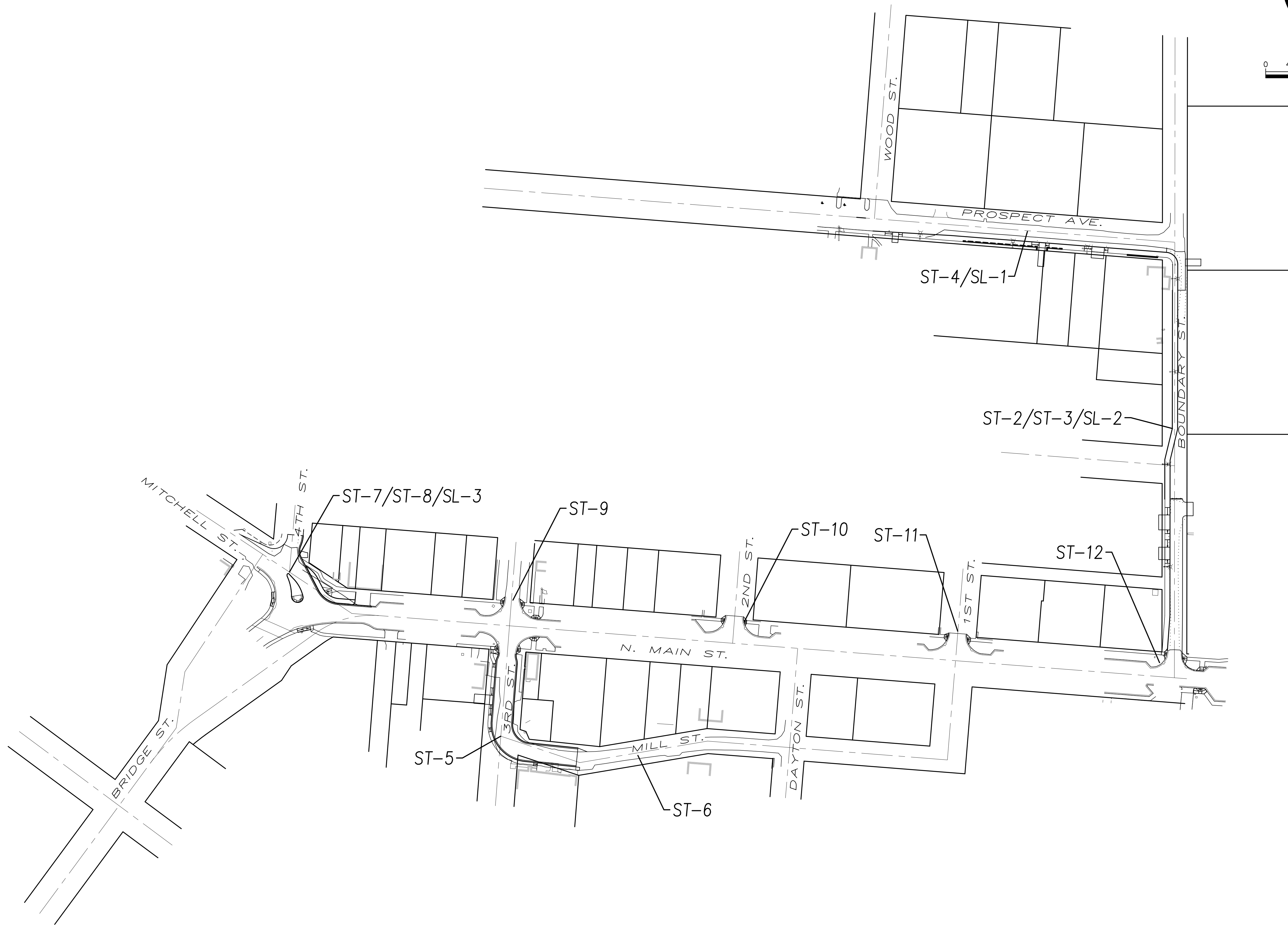
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DRAWING INDEX

Sheet Number	Sheet Title
G-1	COVER SHEET, LOCATION MAPS, & EXISTING CONDITIONS LEGEND
G-2	SHEET INDEX
G-3	CONSTRUCTION NOTES
G-4	CONSTRUCTION NOTES
G-5	OVERALL STREET PLAN
EC-1	EROSION CONTROL - DEMOLITION & CLEARING - BOUNDARY ST.
EC-2	EROSION CONTROL - DEMOLITION & CLEARING - PROSPECT AVE.
EC-3	EROSION CONTROL - DEMOLITION & CLEARING - 3RD & MILL STS.
EC-4	EROSION CONTROL - DEMOLITION & CLEARING - N. MAIN ST.
EC-5	EROSION CONTROL - DEMOLITION & CLEARING - N. MAIN ST.
EC-6	EROSION CONTROL - STREETS & UTILITIES - BOUNDARY ST.
EC-7	EROSION CONTROL - STREETS & UTILITIES - PROSPECT AVE.
EC-8	EROSION CONTROL - STREETS & UTILITIES - 3RD & MILL STS.
EC-9	EROSION CONTROL - STREETS & UTILITIES - N. MAIN ST.
EC-10	EROSION CONTROL - STREETS & UTILITIES - N. MAIN ST.
EC-11	EROSION CONTROL - FINAL LANDSCAPING & STABILIZATION
EC-12	EROSION CONTROL - FINAL LANDSCAPING & STABILIZATION
EC-13	EROSION CONTROL - FINAL LANDSCAPING & STABILIZATION
EC-14	EROSION CONTROL - FINAL LANDSCAPING & STABILIZATION
EC-15	EROSION CONTROL - FINAL LANDSCAPING & STABILIZATION
EC-16	EROSION CONTROL NOTES
EC-17	EROSION CONTROL NOTES
EC-18	EROSION CONTROL DETAILS
ST-1	TYPICAL STREET SECTIONS
ST-2	BOUNDARY ST. & PROSPECT AVE. - PLAN STA. 30+00 - STA. 37+00
ST-3	BOUNDARY ST & PROSPECT AVE. - PROFILE STA. 30+00 - STA. 37+00
ST-4	BOUNDARY ST. & PROSPECT AVE. - PLAN & PROFILE STA. 37+00 - END
ST-5	3RD AND MILL STREETS - PLAN & PROFILE STA. 30+00 - STA. 33+50
ST-6	MILL ST. PLAN - STA. 33+50 - STA. 36+51
ST-7	N. MAIN ST. & BRIDGE STREET - INTERSECTION PLAN
ST-8	N. MAIN ST. & BRIDGE STREET - INTERSECTION PROFILES
ST-9	N. MAIN ST. & 3RD ST. - INTERSECTION PLAN
ST-10	N. MAIN ST. & 2ND ST. - INTERSECTION PLAN
ST-11	N. MAIN ST. & 1ST ST. - INTERSECTION PLAN
ST-12	N. MAIN ST. & BOUNDARY ST. - INTERSECTION PLAN & PROFILE
X-1	BOUNDARY ST. & PROSPECT AVE. - CROSS-SECTIONS
X-2	BOUNDARY ST. & PROSPECT AVE. - CROSS-SECTIONS
X-3	3RD ST. - CROSS-SECTIONS
X-4	3RD ST. - CROSS-SECTIONS
SL-1	SIGNING & LIGHTING PLAN - PROSPECT AVE.
SL-2	SIGNING & LIGHTING PLAN - BOUNDARY ST. & PROSPECT AVE.
SL-3	SIGNING & LIGHTING PLAN - N. MAIN & BRIDGE STS.
D-1	CIVIL DETAILS
D-2	CIVIL DETAILS
D-3	CIVIL DETAILS

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CITY OF FALLS CITY 2022 SRTS IMPROVEMENTS SHEET INDEX					
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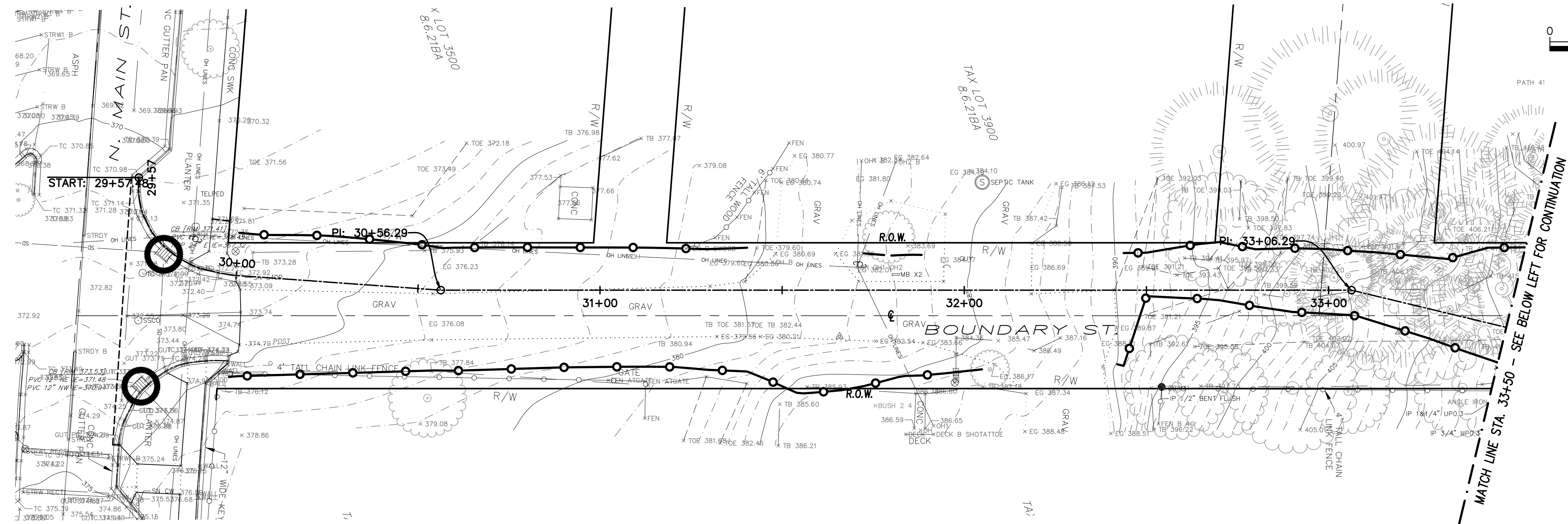
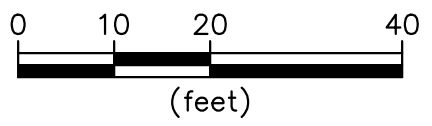
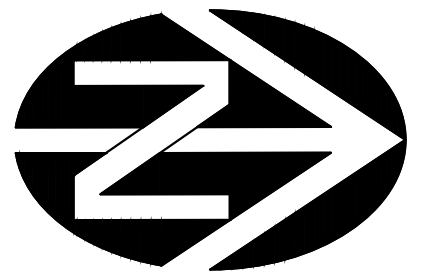
REVIEW
 REGISTERED PROFESSIONAL ENGINEER
 OREGON
 STEVEN A. GIBBY
 LICENSE NO. 16, 000, 000
 REVIEWS: 6/20/2022

WE
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
OVERALL STREET PLAN

DRAWING
G-5
 JOB NUMBER
2969.2030



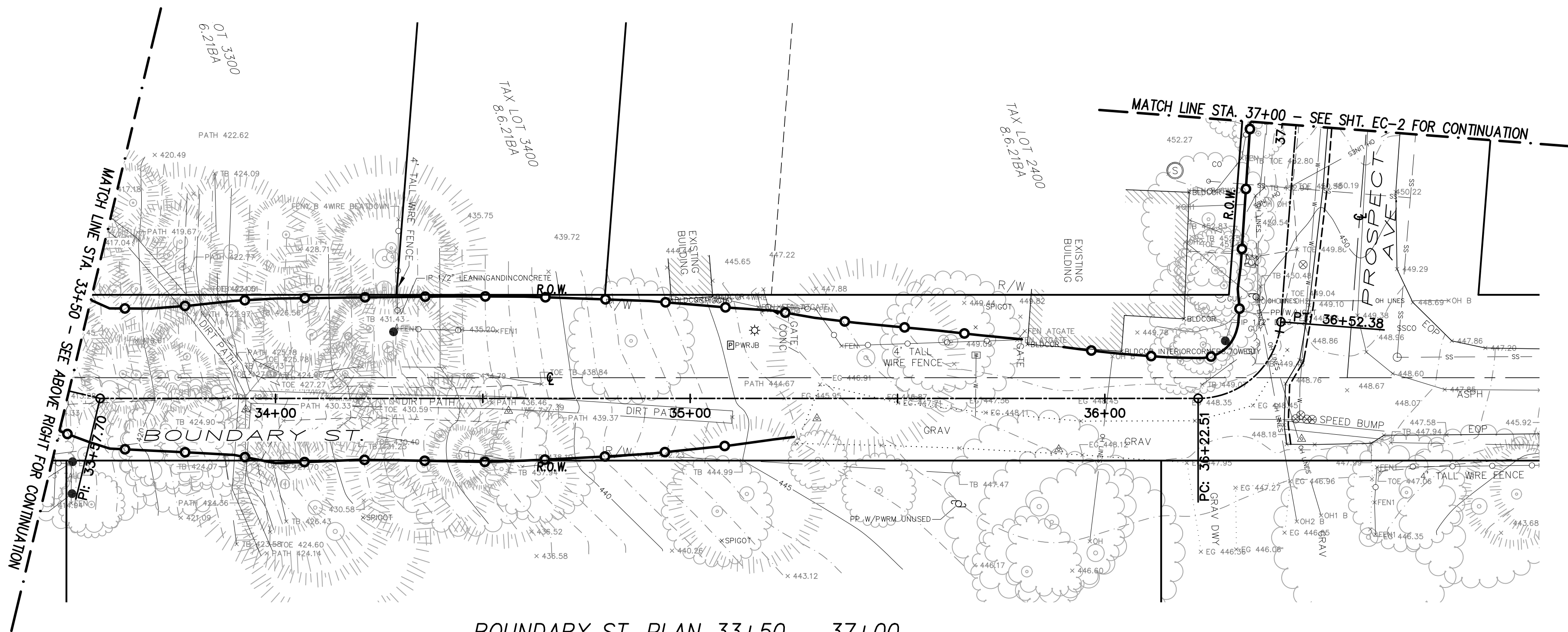
BOUNDARY ST. PLAN 30+00 - 33+50
1" = 20'

DEMOLITION LEGEND

- (P) CONTRACTOR TO PROTECT AT ALL TIMES
- (R) CONTRACTOR TO REMOVE
- (RI) CONTRACTOR TO DISCONNECT ALL UTILITIES
- (S) SAWCUT

EROSION CONTROL LEGEND

- (Circle with dot) SILT SACK INLET PROTECTION (DTL 6150)
- (Line with dots) SEDIMENT FENCE (DTL 6110)
- (Trapezoid) BIO BAG INLET PROTECTION (DTL 6130)



BOUNDARY ST. PLAN 33+50 - 37+00
1" = 20'

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

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DRN. RS
CKD. SW

DATE: 05/20/2022

REVIEW

REGISTERED PROFESSIONAL ENGINEER
STEPHEN N. STEVENSON
LICENSE NO. 1616
GEO. 11.0
REVISIONS: 6/20/2022

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CITY OF FALLS CITY

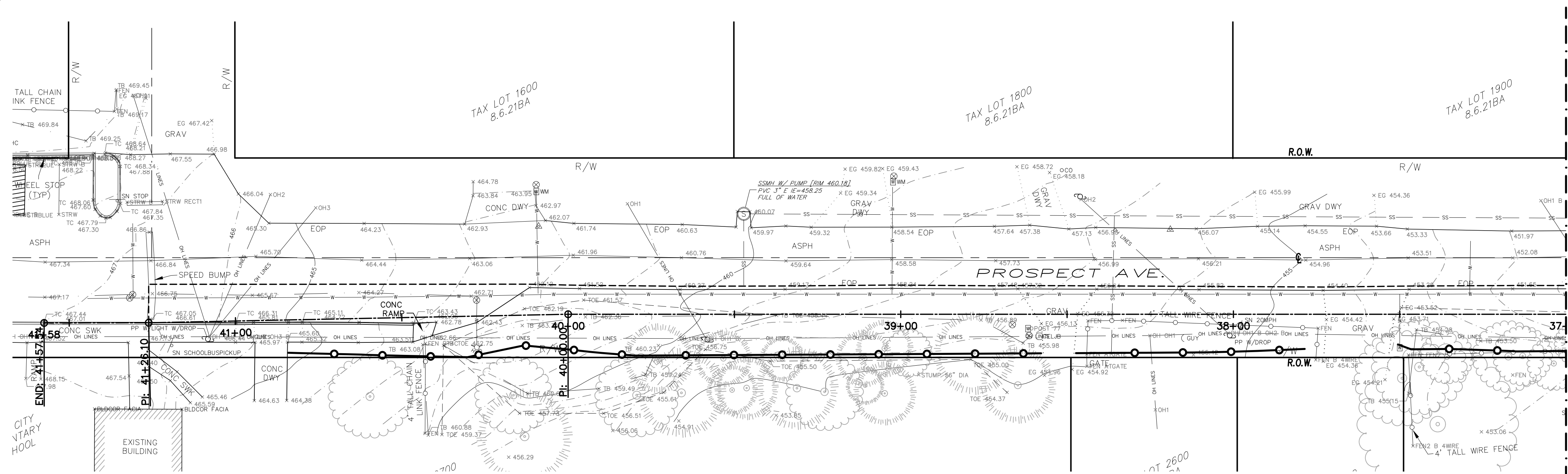
2022 SRTS IMPROVEMENTS

EROSION CONTROL - DEMOLITION & CLEARING - BOUNDARY ST.

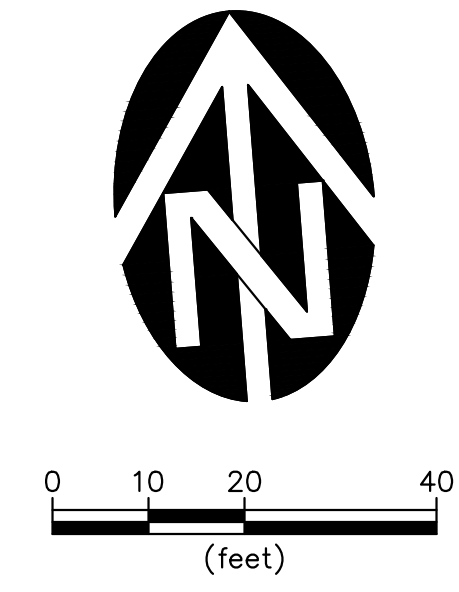
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JOB NUMBER
2969.2030

Page 11



PROSPECT AVE. PLAN STA. 37+00 - END
 1" = 20'



MATCH LINE 37+00 - SEE SHIT. EC-1 FOR CONTINUATION

DEMOLITION LEGEND

(P)	CONTRACTOR TO PROTECT AT ALL TIMES
(R)	CONTRACTOR TO REMOVE
(R1)	CONTRACTOR TO DISCONNECT ALL UTILITIES
(S)	SAWCUT

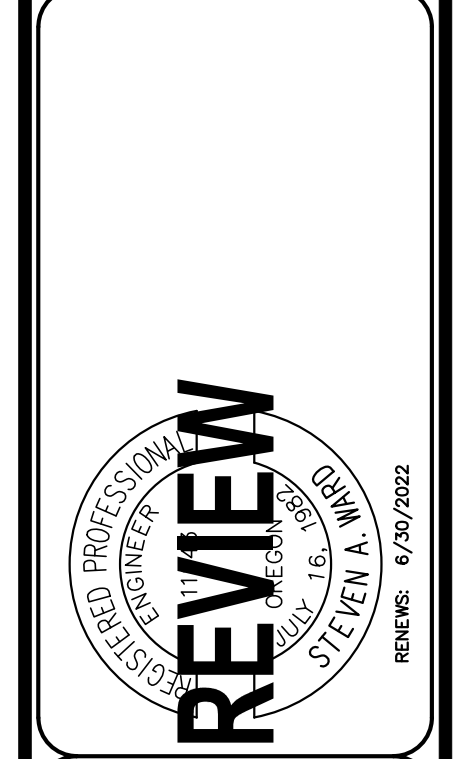
EROSION CONTROL LEGEND

	SILT SACK INLET PROTECTION (DTL 6150)
	SEDIMENT FENCE (DTL 6110)
	BIO BAG INLET PROTECTION (DTL 6130)

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 DSN: SW
 DRN: RS



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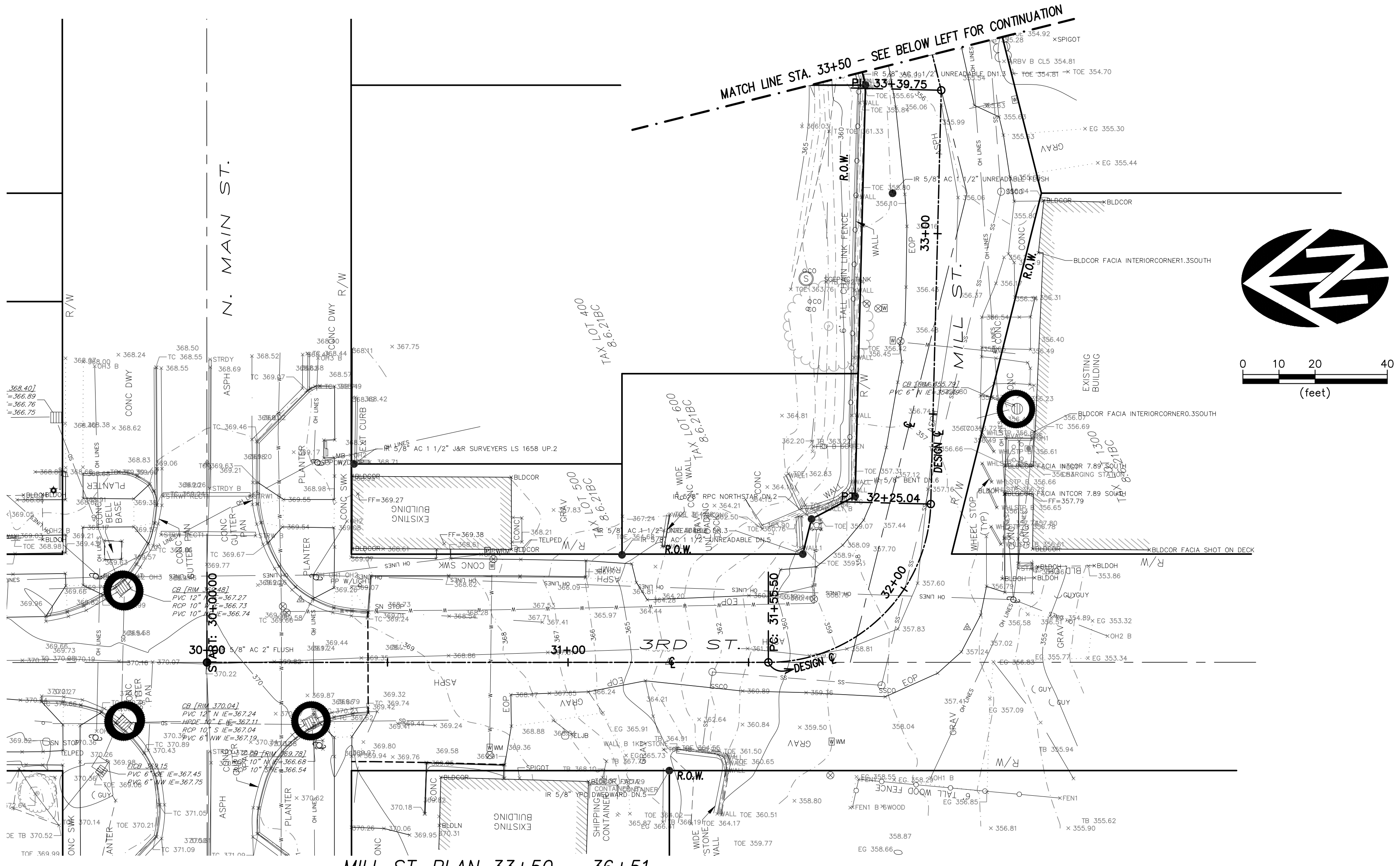
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 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

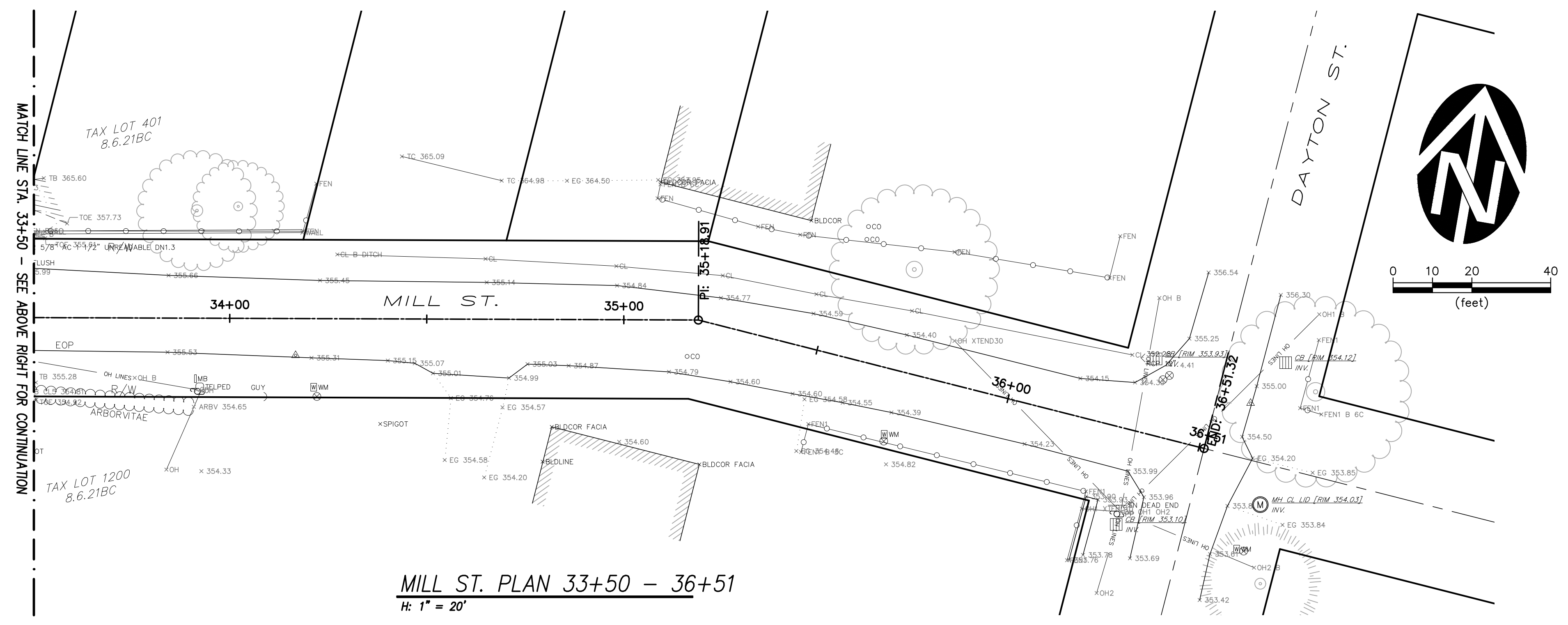
CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL -
 DEMOLITION & CLEARING -
 PROSPECT AVE.**

DRAWING
EC-2

JOB NUMBER
2969.2030






MILL ST. PLAN 33+50 - 36+51
H: 1" = 20'







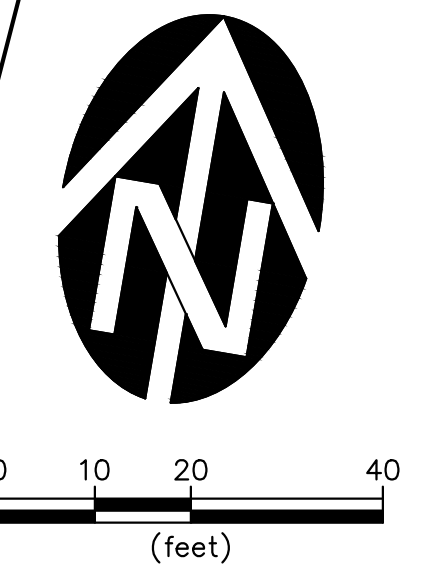
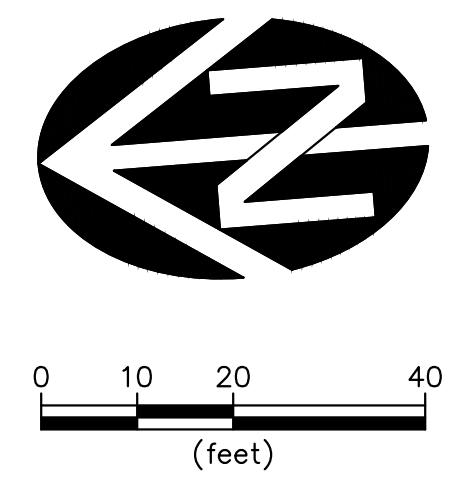
MILL ST. PLAN 33+50 - 36+51
H: 1" = 20'

EROSION CONTROL LEGEND

-  SILT SACK INLET PROTECTION (DTL 6150)
-  SEDIMENT FENCE (DTL 6110)
-  BIO BAG INLET PROTECTION (DTL 6130)

DEMOLITION LEGEND

-  CONTRACTOR TO PROTECT AT ALL TIMES
-  CONTRACTOR TO REMOVE
-  CONTRACTOR TO DISCONNECT ALL UTILITIES
-  SAWCUT



NO.	DATE	DESCRIPTION	BY
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DRN. RS
CKD. SW

DATE: 05/20/2022

REVIEW

REGISTERED PROFESSIONAL ENGINEER
STEPHEN N. GUY
RENEW: 6/20/2022

WESTTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS




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CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
**EROSION CONTROL -
DEMOLITION & CLEARING -
3RD & MILL STS.**



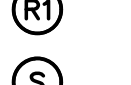
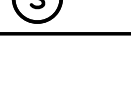
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2969.2030

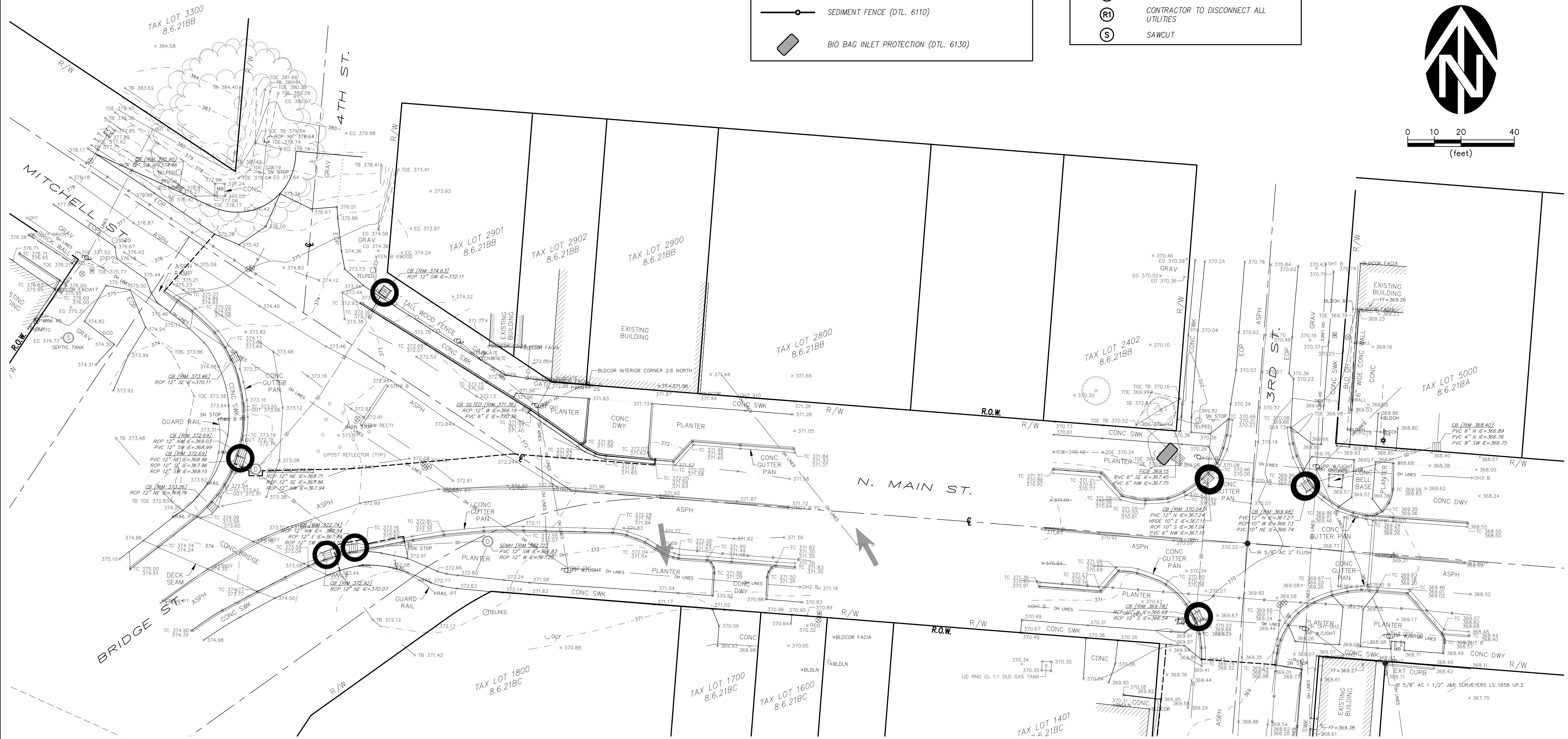
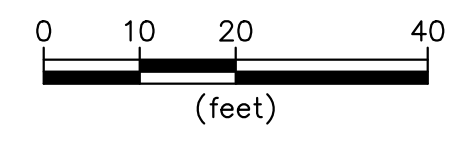
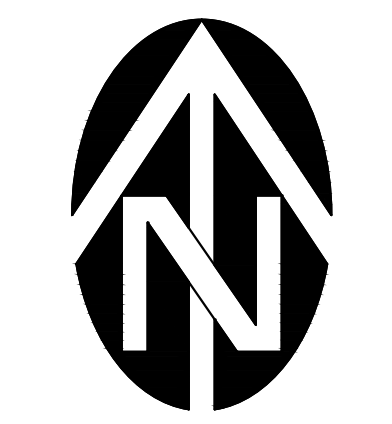
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EROSION CONTROL LEGEND

-  SILT SACK INLET PROTECTION (DTL. 6150)
-  SEDIMENT FENCE (DTL. 6110)
-  BIO BAG INLET PROTECTION (DTL. 6130)

DEMOLITION LEGEND

-  CONTRACTOR TO PROTECT AT ALL TIMES
-  CONTRACTOR TO REMOVE
-  CONTRACTOR TO DISCONNECT ALL UTILITIES
-  SAWCUT



N MAIN ST. PLAN
 1" = 20'

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

0 10 20 40
 (feet)

DATE: 05/20/2022

DRN. SW
 CKD. SW

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

REVIEW

3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY

2022 SRTS IMPROVEMENTS

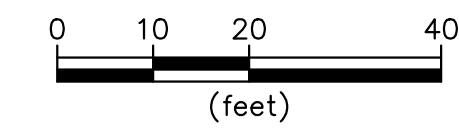
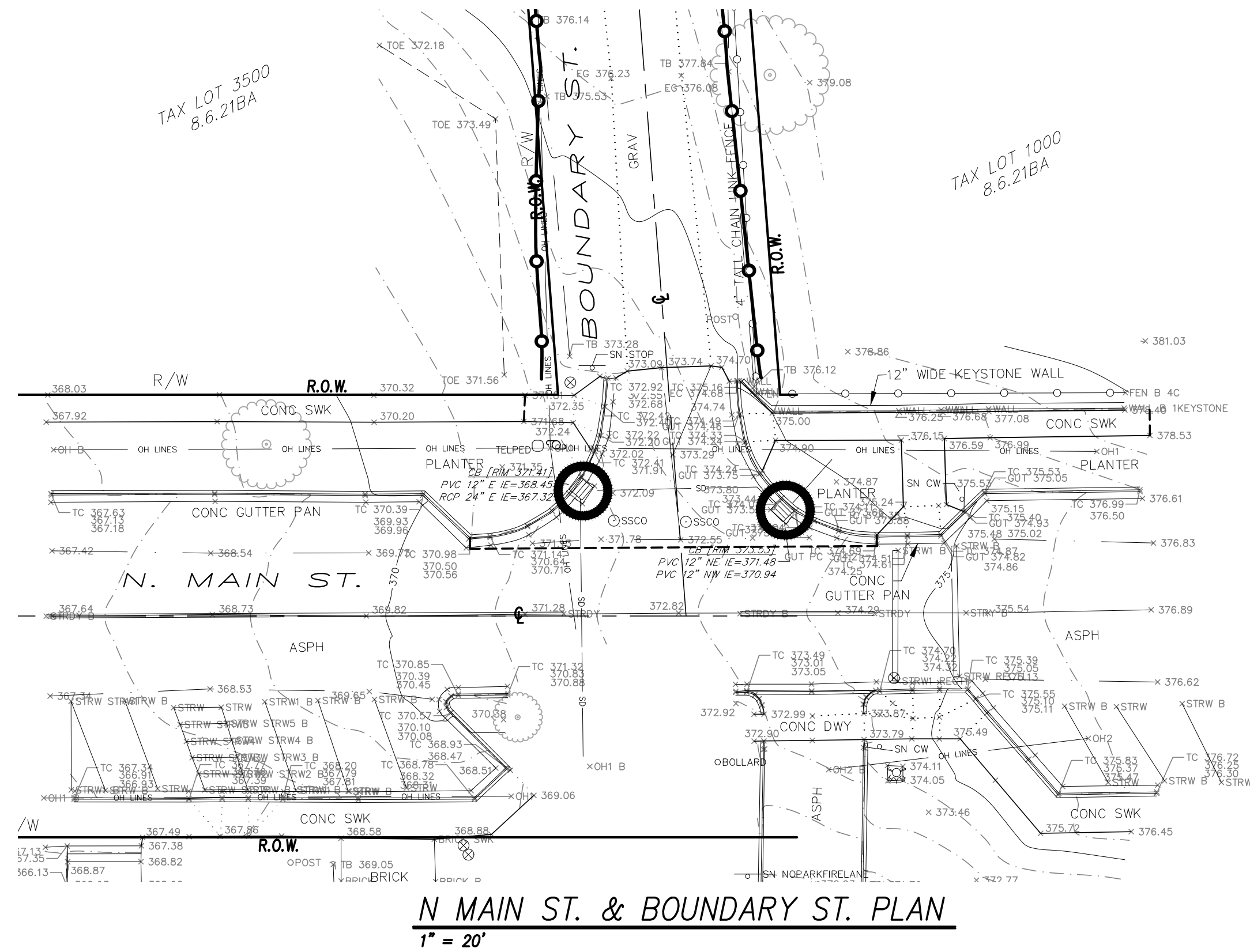
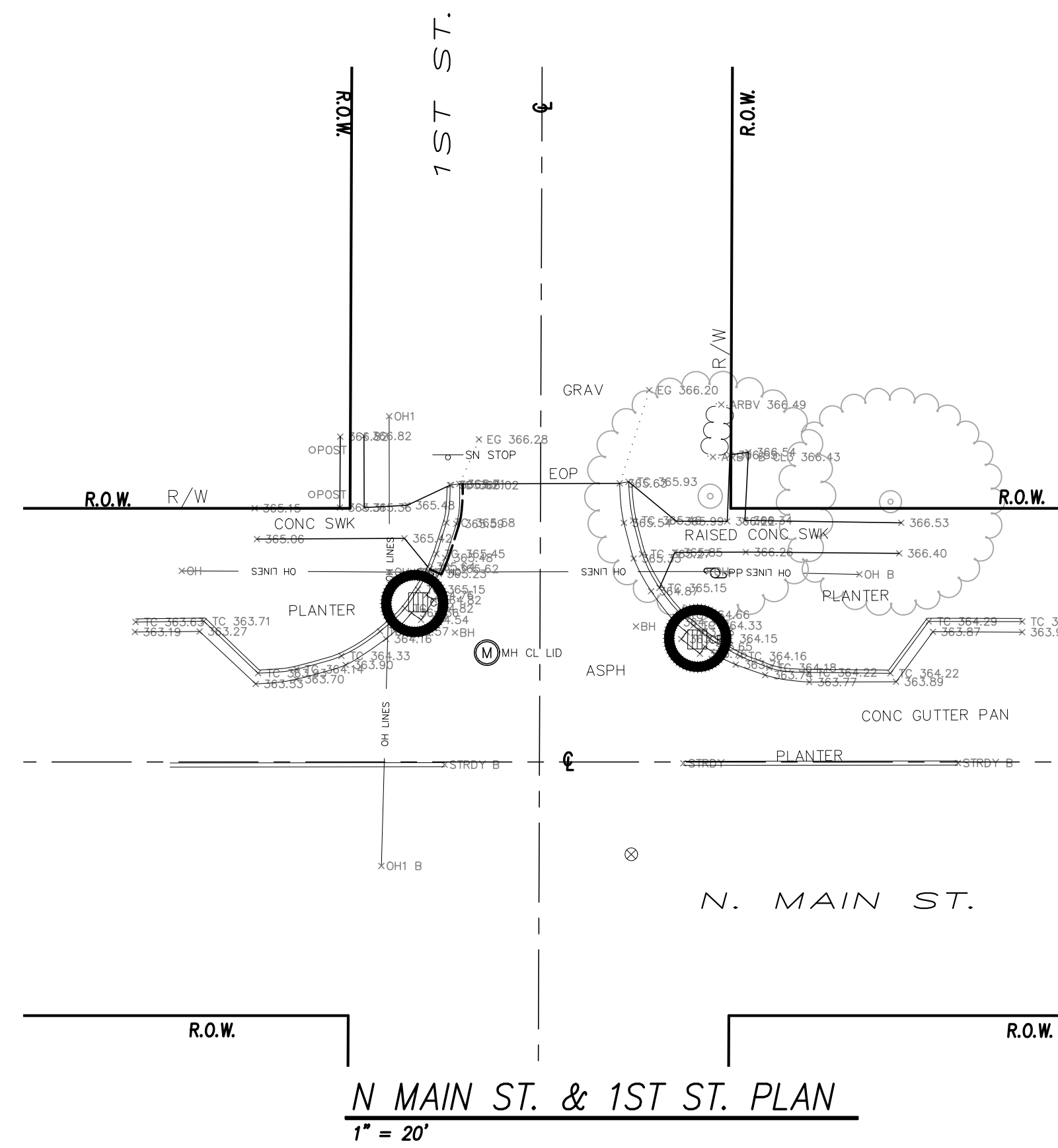
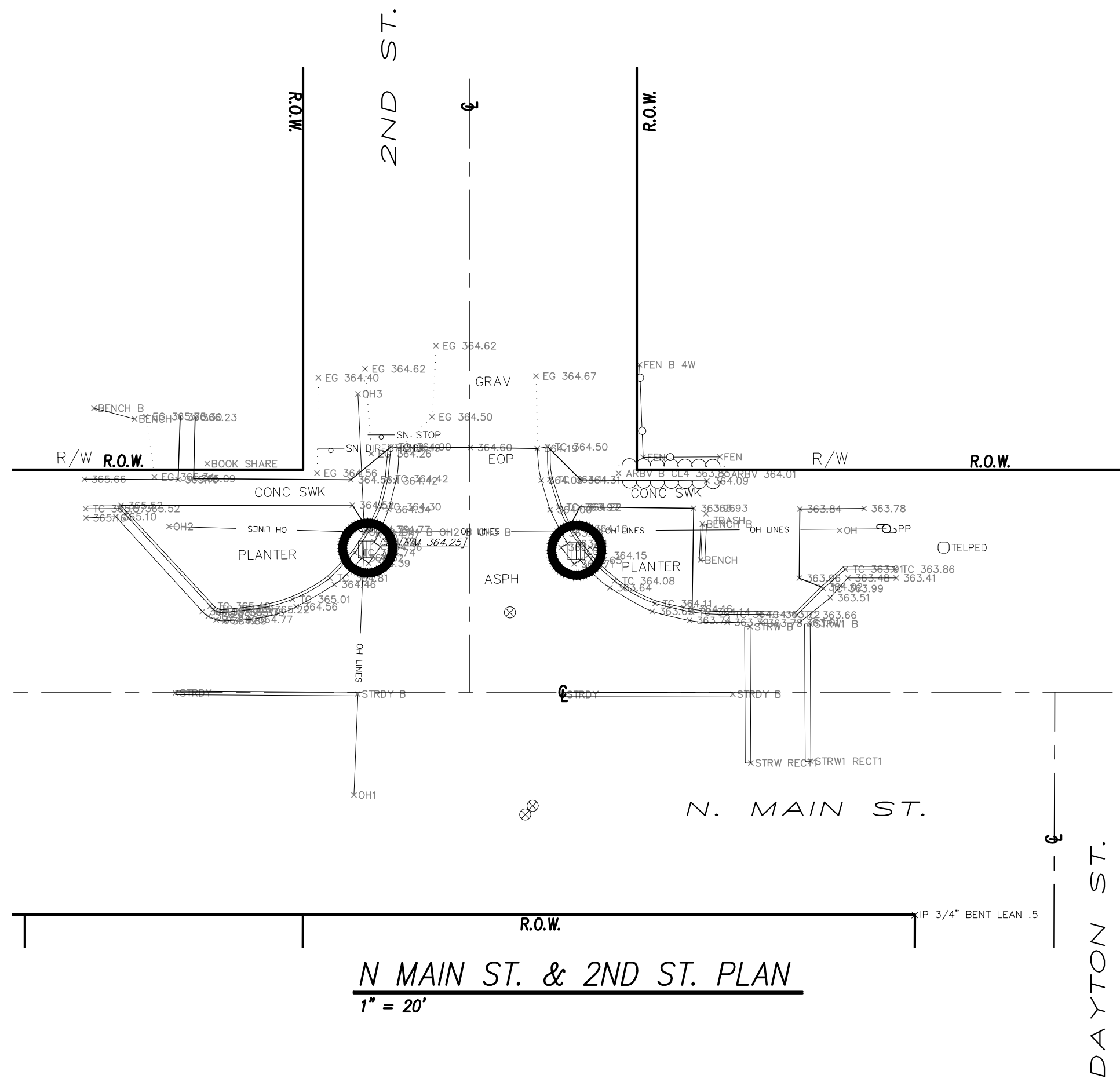
EROSION CONTROL - N. MAIN ST.

DEMOLITION & CLEARING - N. MAIN ST.

DRAWING
 EC-4

JOB NUMBER
 2969.2030

Page 14



EROSION CONTROL LEGEND

- SILT SACK INLET PROTECTION (DTL. 6150)
- SEDIMENT FENCE (DTL. 6110)
- BIO BAG INLET PROTECTION (DTL. 6130)

DEMOLITION LEGEND

- CONTRACTOR TO PROTECT AT ALL TIMES
- CONTRACTOR TO REMOVE
- CONTRACTOR TO DISCONNECT ALL UTILITIES
- SAWCUT

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW
 DATE: 05/20/2022



WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

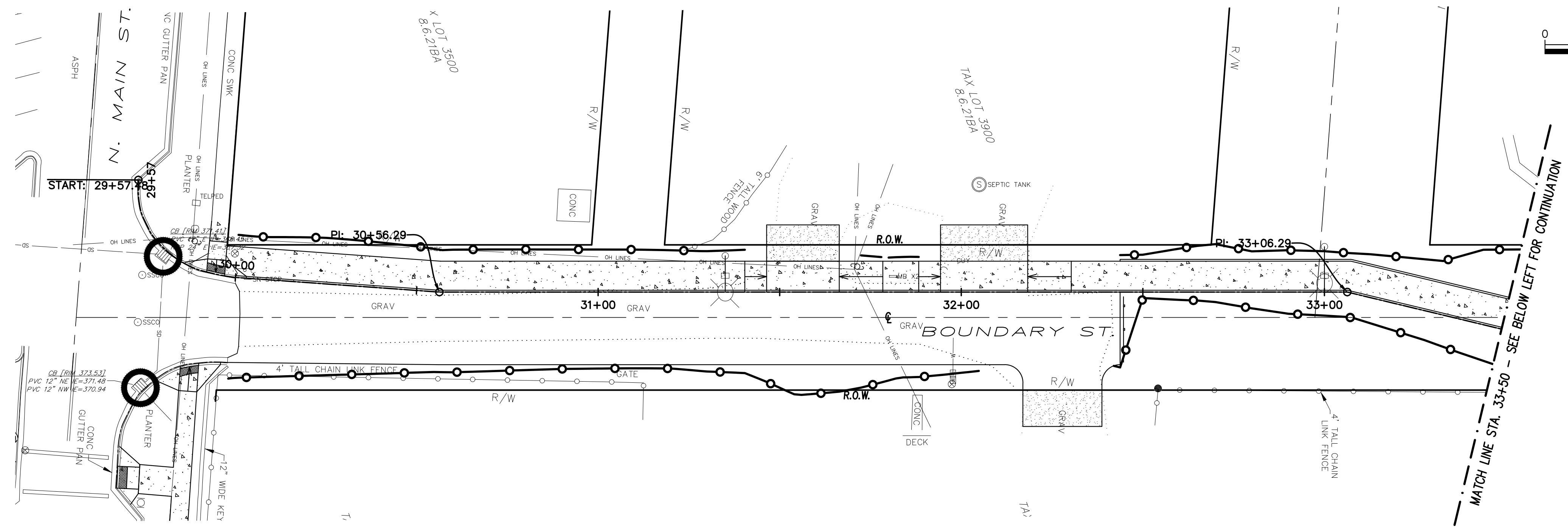
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
EROSION CONTROL - N. MAIN ST.
 DEMOLITION & CLEARING

DRAWING
EC-5




JOB NUMBER
2969.2030

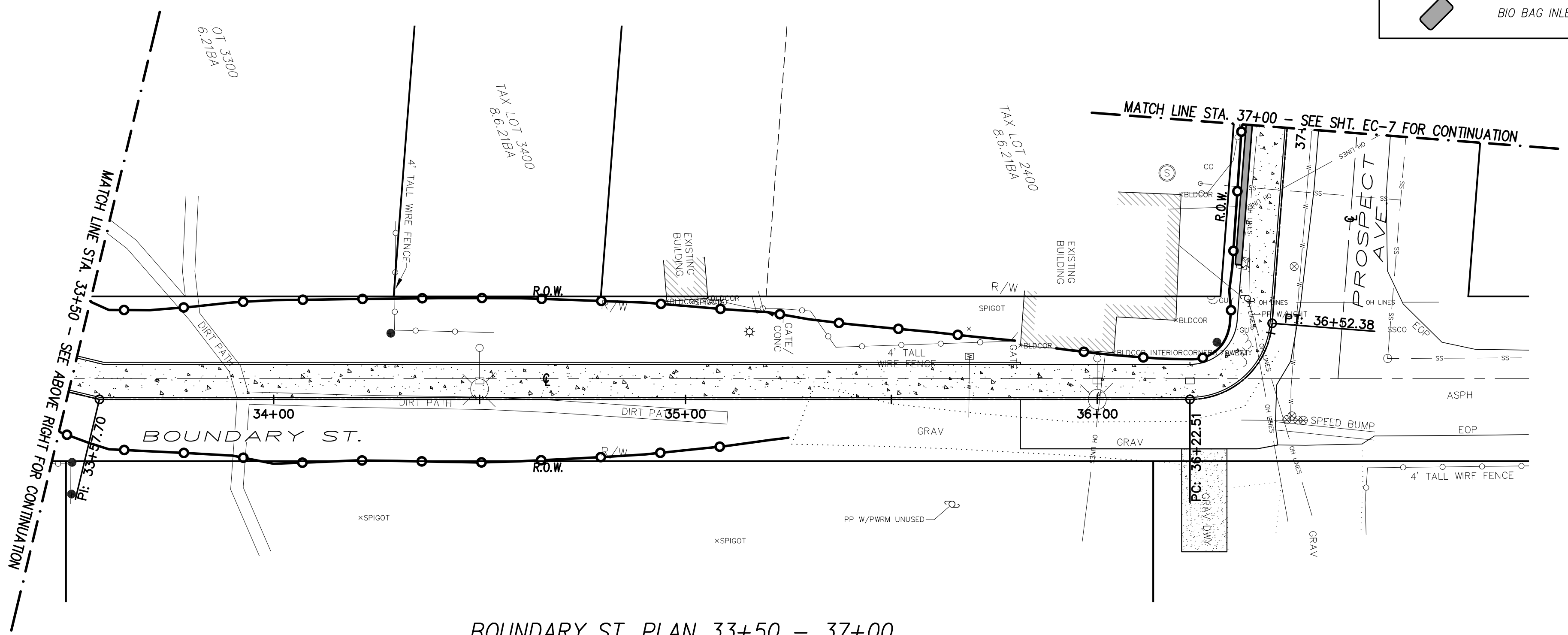
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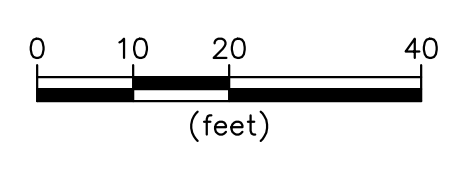
BOUNDARY ST. PLAN 30+00 - 33+50
 1" = 20'

EROSION CONTROL LEGEND

-  SLT SACK INLET PROTECTION (DTL 6150)
-  SEDIMENT FENCE (DTL 6110)
-  BIO BAG INLET PROTECTION (DTL 6130)



BOUNDARY ST. PLAN 33+50 - 37+00
 1" = 20'



NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

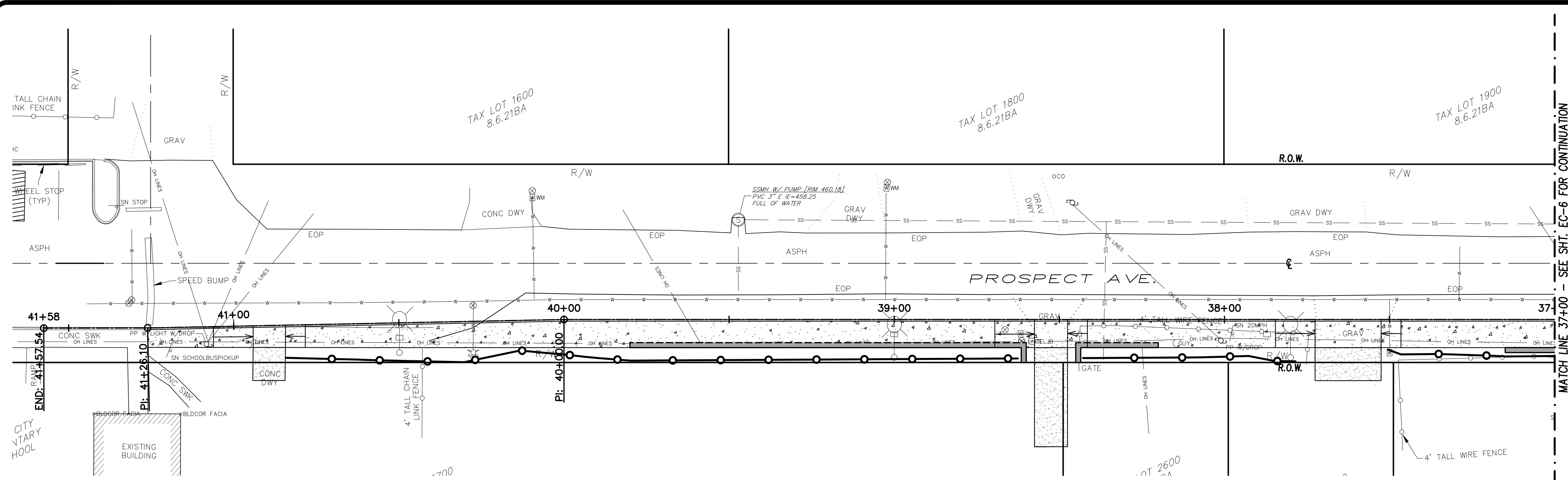
VERIFIED PROFESSIONAL ENGINEER
REVIEW
 STEVEN N. STEVENSON
 LICENSE NO. 1616
 OREGON
 DATE: 05/20/2022

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS
 3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL -
 STREETS & UTILITIES -
 BOUNDARY ST.**

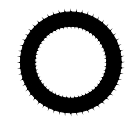
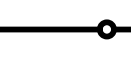

DRAWING
EC-6
 JOB NUMBER
2969.2030

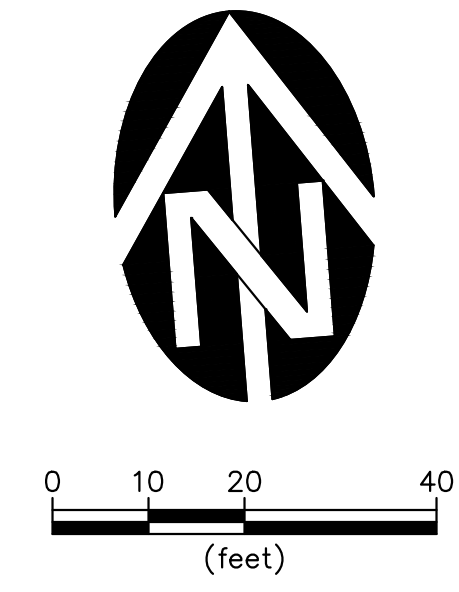
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PROSPECT AVE. PLAN STA. 37+00 - END
 1" = 20'

EROSION CONTROL LEGEND

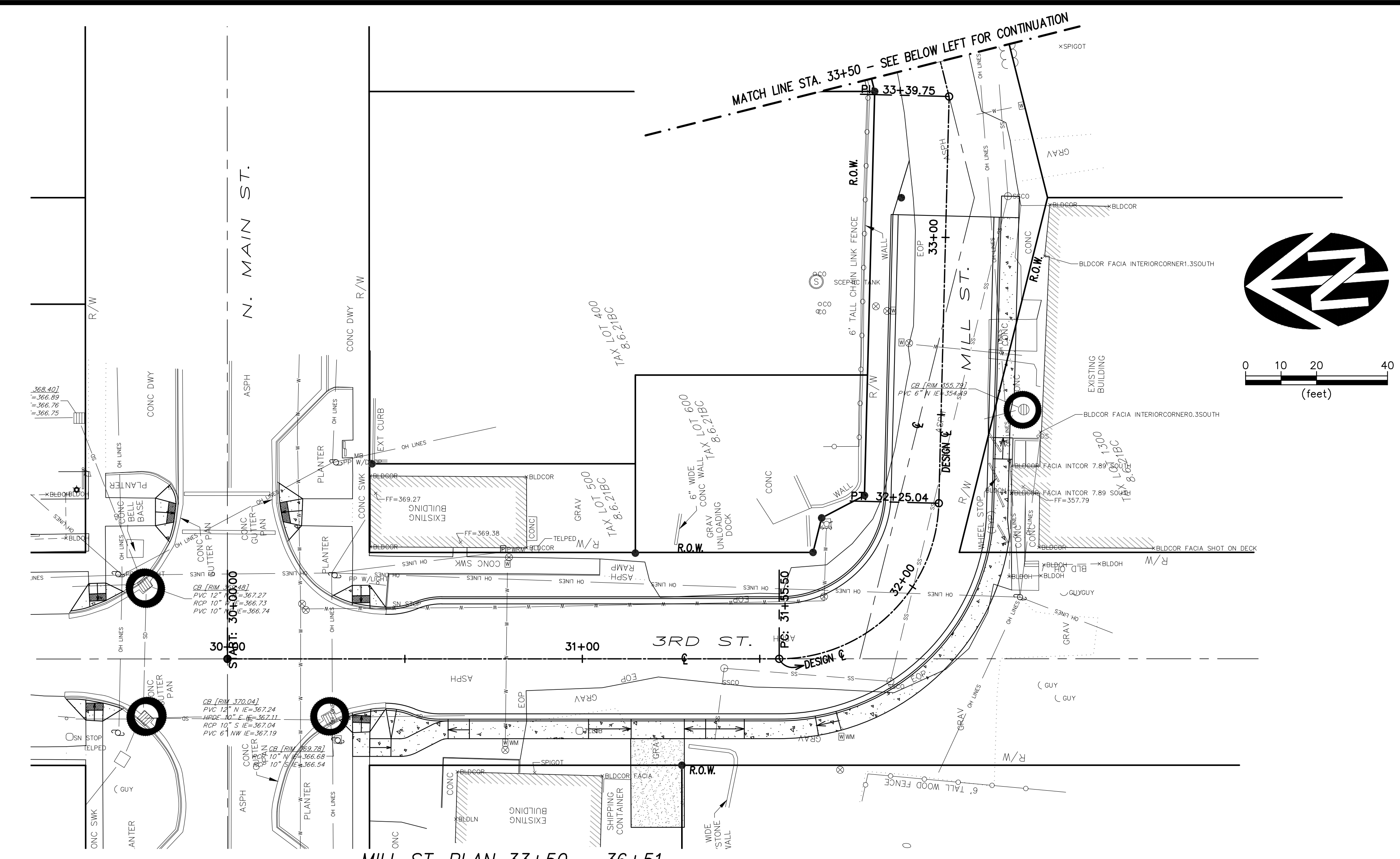
-  SILT SACK INLET PROTECTION (DTL 6150)
-  SEDIMENT FENCE (DTL 6110)
-  BIO BAG INLET PROTECTION (DTL 6130)



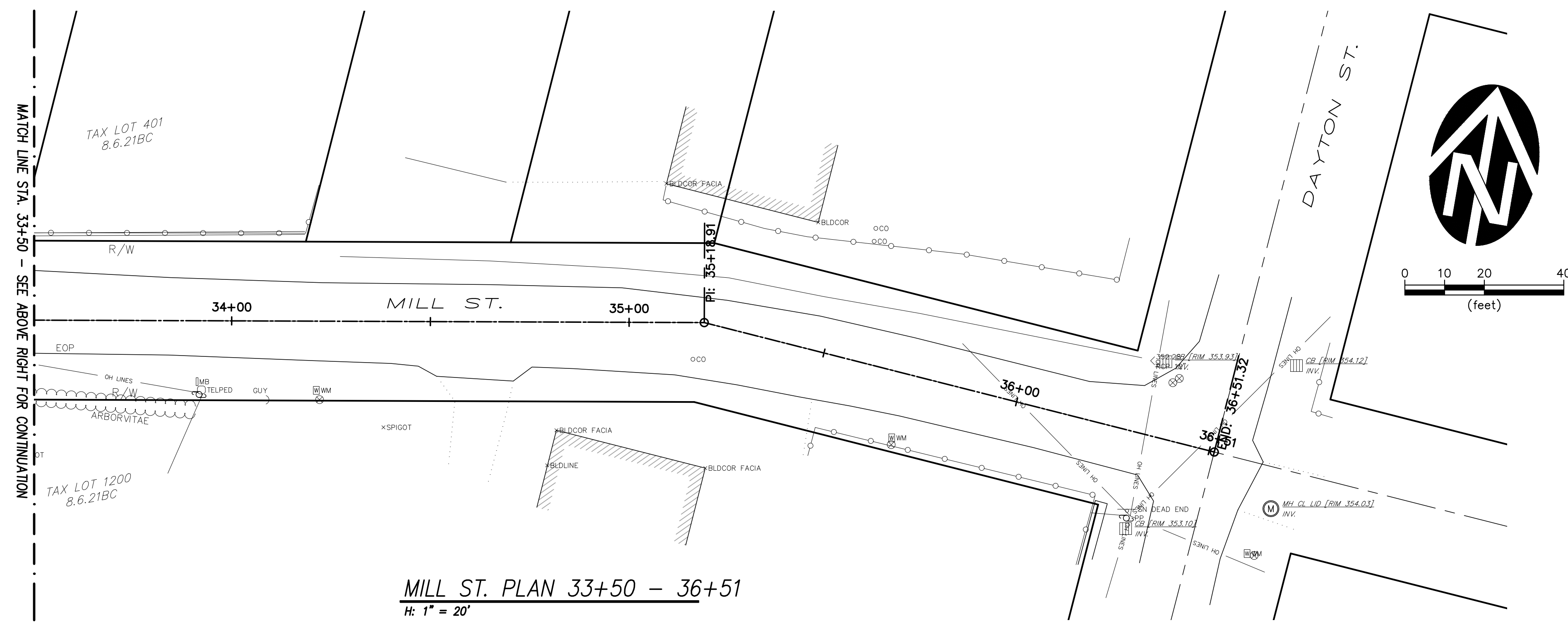
MATCH LINE 37+00 - SEE SHT. EC-6 FOR CONTINUATION

<p>WESTTECH ENGINEERING, INC. CONSULTING ENGINEERS AND PLANNERS</p> <p>WE</p> <p>3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302 Phone: (503) 585-2474 Fax: (503) 585-3966 E-mail: westtech@westtech-eng.com</p>	<p>REVIEW</p> <p>REGISTERED PROFESSIONAL ENGINEER STATE OF OREGON JULY 16, 2016 STEVEN H. GUNN LICENSE NO. 16000 REVIEWS: 6/20/2022</p>
<p>CITY OF FALLS CITY 2022 SRTS IMPROVEMENTS</p> <p>EROSION CONTROL - STREETS & UTILITIES - PROSPECT AVE.</p>	<p>VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCURACLY</p> <p>1" = 20'</p> <p>DSN. SW DRN. RS CKD. SW DATE: 05/20/2022</p>
<p>DRAWING EC-7</p>	<p>JOB NUMBER 2969.2030</p>
<p>CITY OF FALLS CITY 2022 SRTS IMPROVEMENTS</p>	<p>NO. 1 DATE DESCRIPTION REVISIONS</p>

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MILL ST. PLAN 33+50 - 36+51
 H: 1" = 20'



MILL ST. PLAN 33+50 - 36+51
 H: 1" = 20'

EROSION CONTROL LEGEND

-  SILT SACK INLET PROTECTION (DTL 6150)
-  SEDIMENT FENCE (DTL 6110)
-  BIO BAG INLET PROTECTION (DTL 6130)

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 SHALL BE ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACELY

DSN. SW
 DRN. RS
 CKD. SW
 DATE: 05/20/2022

REVIEW

REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STEVEN N. JENKINS
 LICENSE NO. 16,000
 EXPIRES 12/31/2024
 RENEWS: 6/20/2022

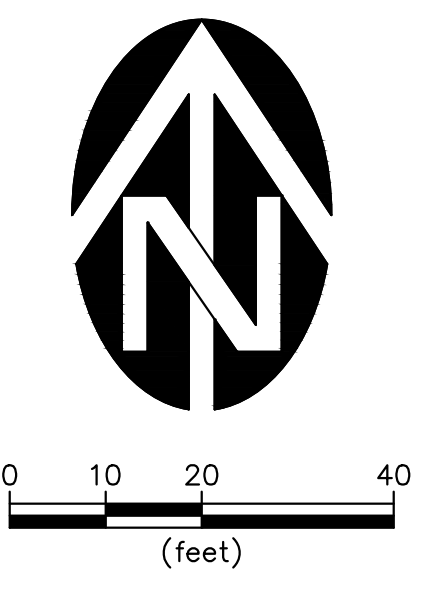
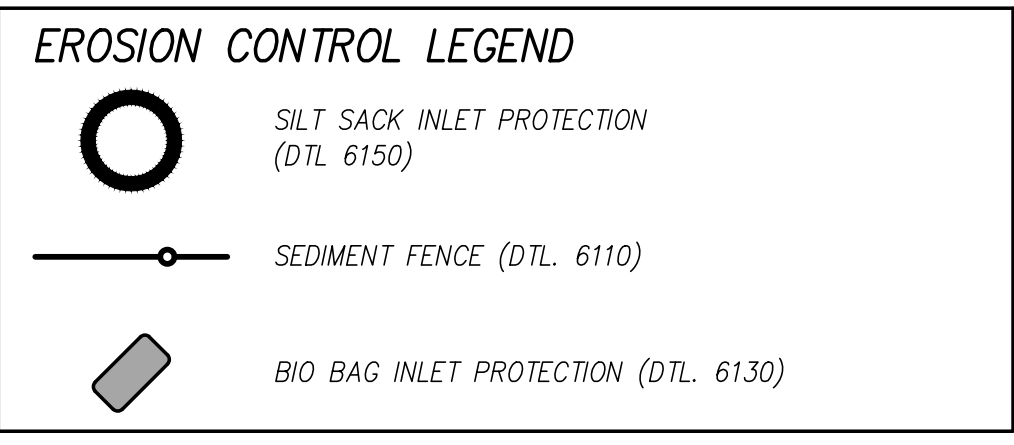
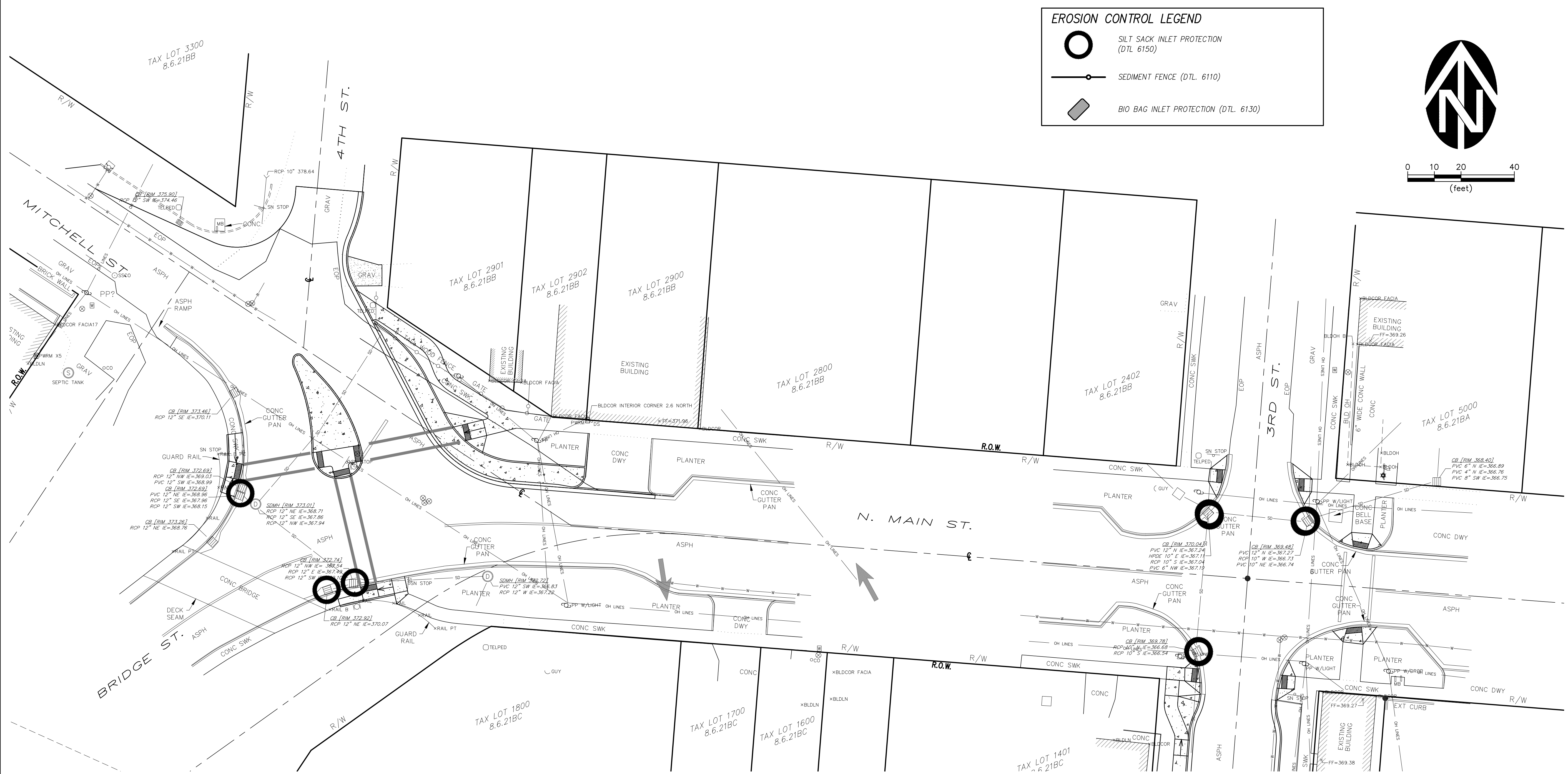
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
EROSION CONTROL - STREETS & UTILITIES - 3RD & MILL STS.

DRAWING
EC-8
 JOB NUMBER
2969.2030

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N MAIN ST. PLAN
 1" = 20'

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 SCALES ACCURACLY

0 10 20 40

DATE: 05/20/2022

DRN. SW
 CKD. RS
 DATE: 05/20/2022

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

WE

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 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

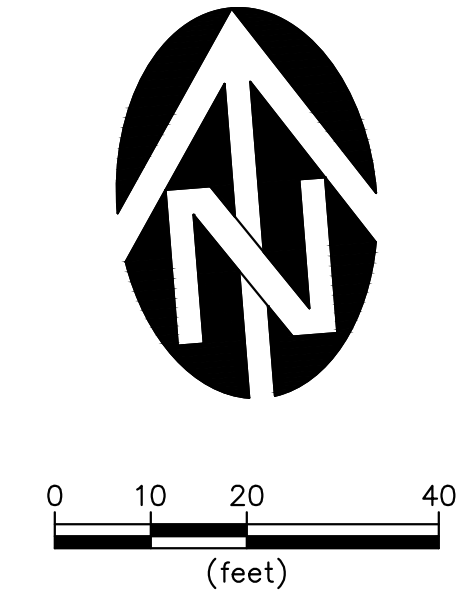
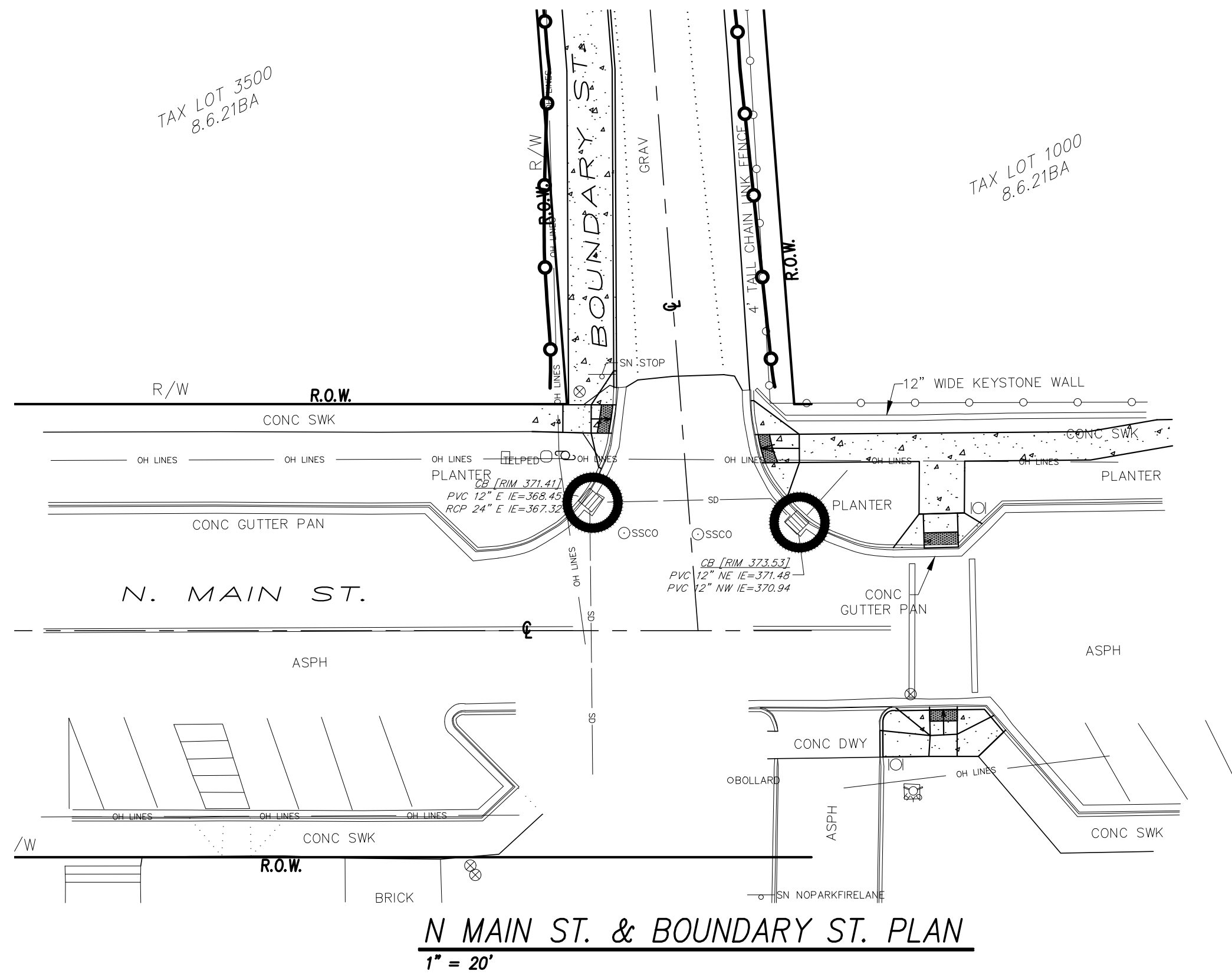
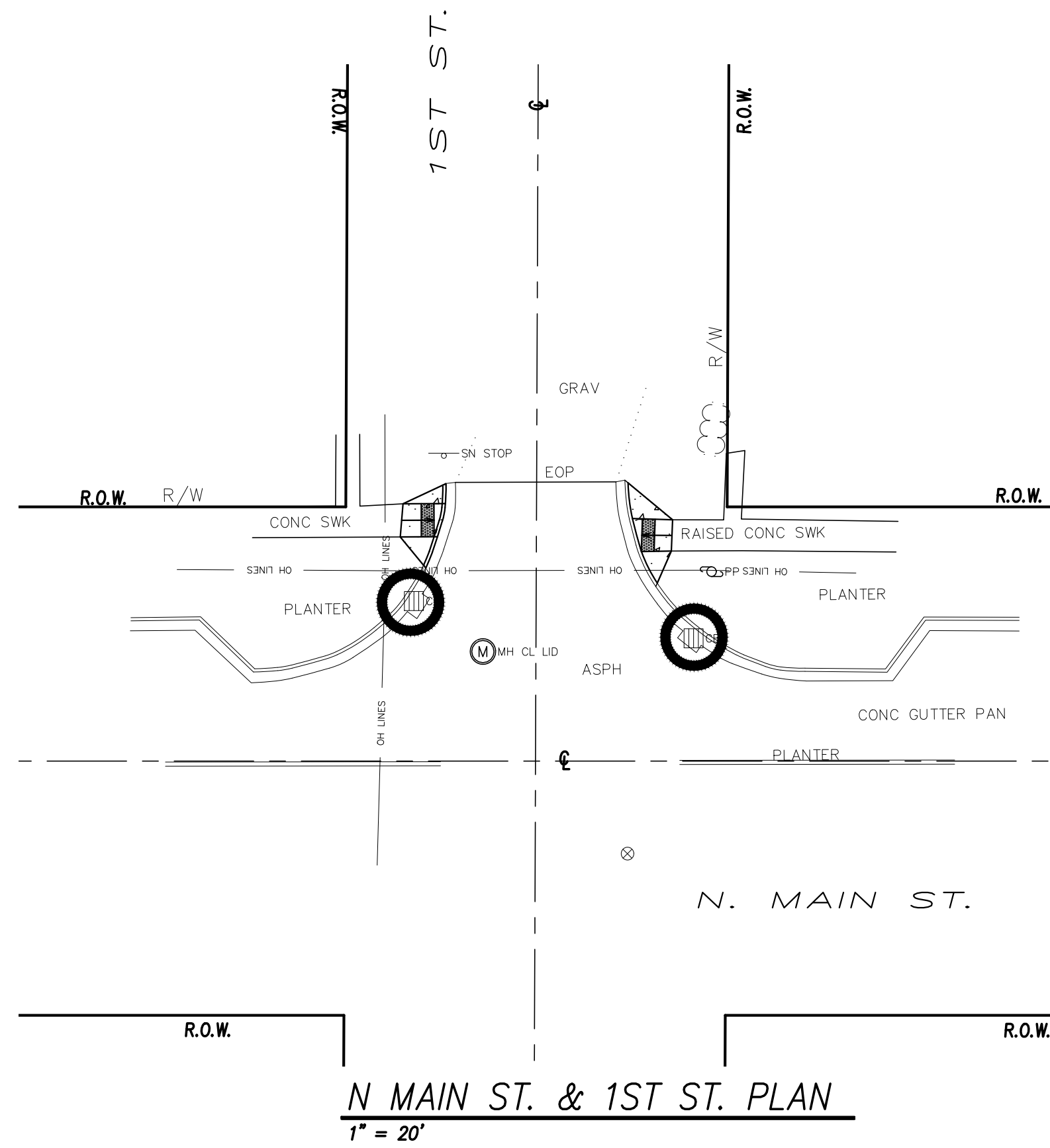
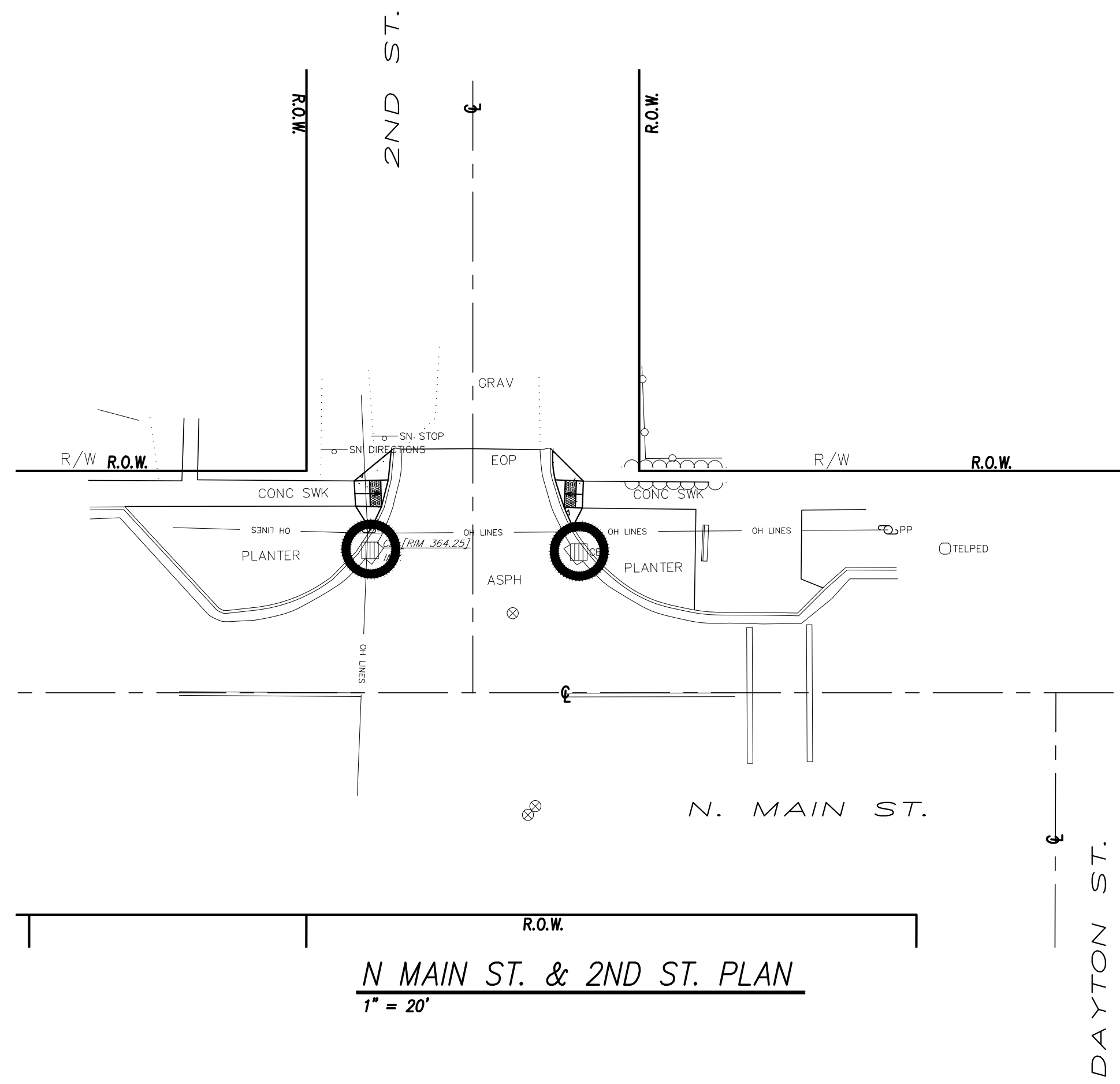
**EROSION CONTROL - STREETS
 & UTILITIES - N. MAIN ST.**

DRAWING
EC-9

JOB NUMBER
2969.2030

Page 19

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EROSION CONTROL LEGEND

- SILT SACK INLET PROTECTION (DTL 6150)
- SEDIMENT FENCE (DTL 6110)
- BIO BAG INLET PROTECTION (DTL 6130)

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW
 DATE: 05/20/2022

REVIEW

REGISTERED PROFESSIONAL ENGINEER
 STATE OF OREGON
 STEVEN H. GIBBY
 No. 16,387
 EXPIRES: 6/30/2022

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

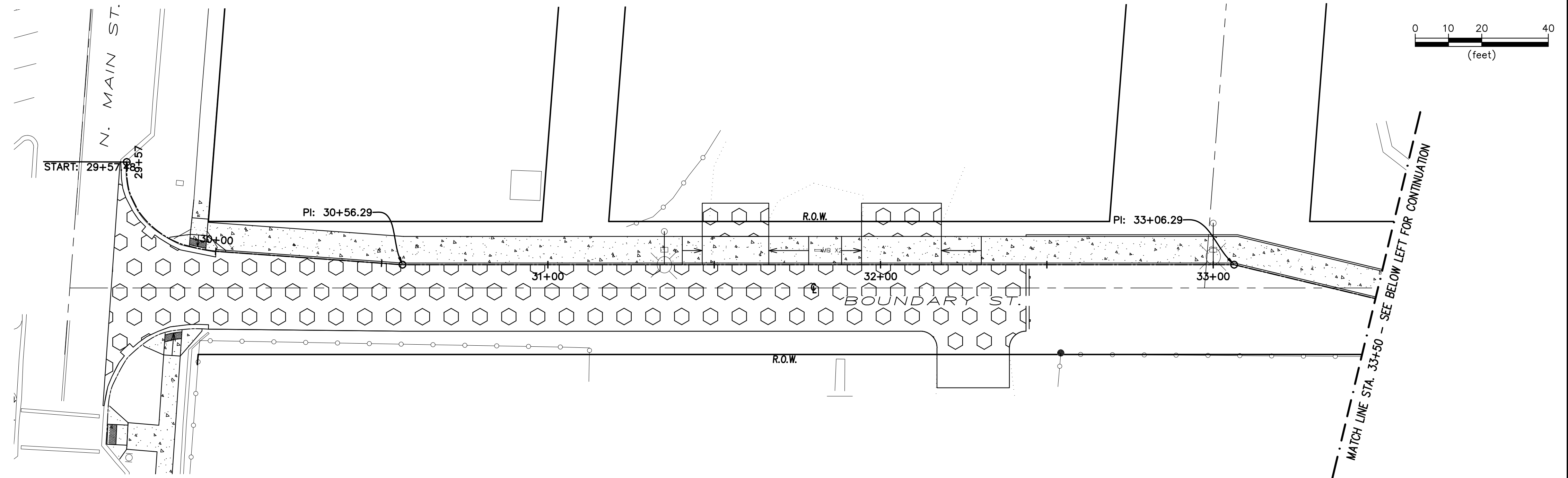
CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

**EROSION CONTROL - STREETS
 & UTILITIES - N. MAIN ST.**

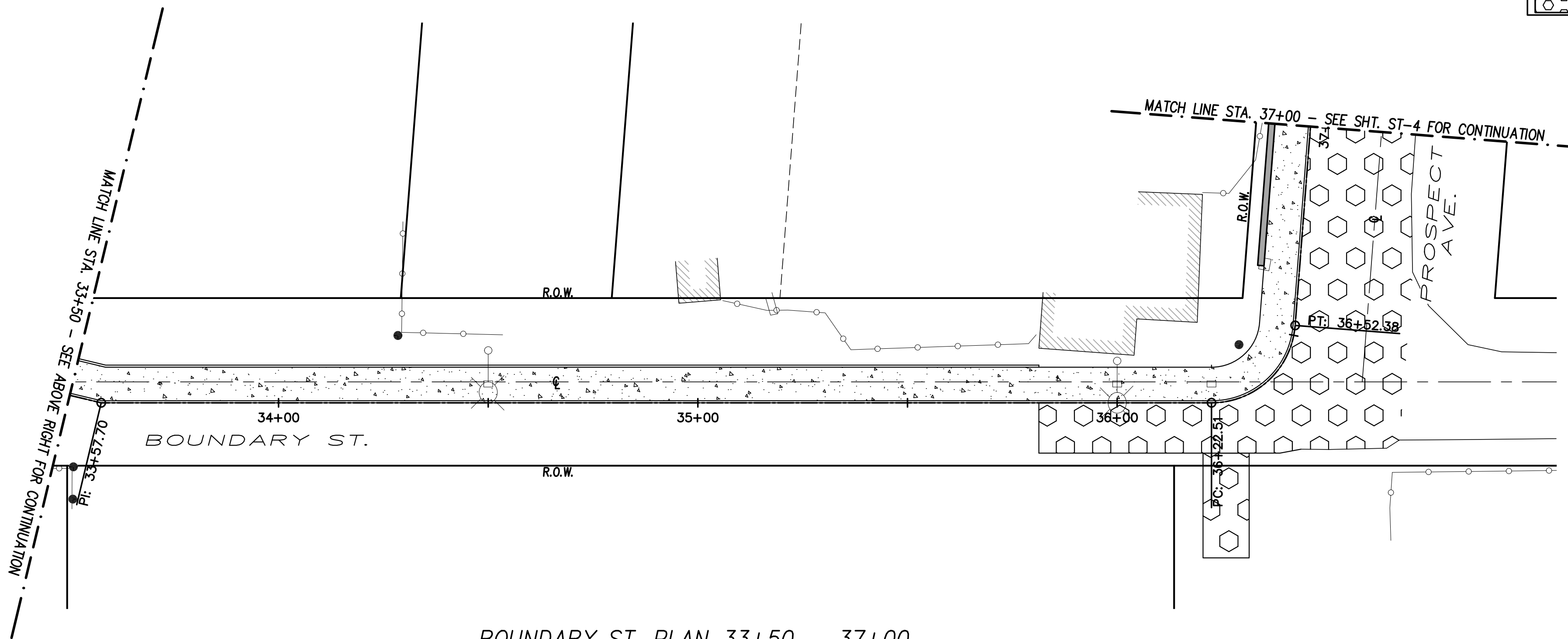
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JOB NUMBER
2969.2030

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BOUNDARY ST. PLAN 30+00 - 33+50
 1" = 20'



BOUNDARY ST. PLAN 33+50 - 37+00
 1" = 20'

SURFACING LEGEND

	NEW PCC PEDESTRIAN CONCRETE
	NEW LANDSCAPING
	NEW ASPHALT PAVEMENT

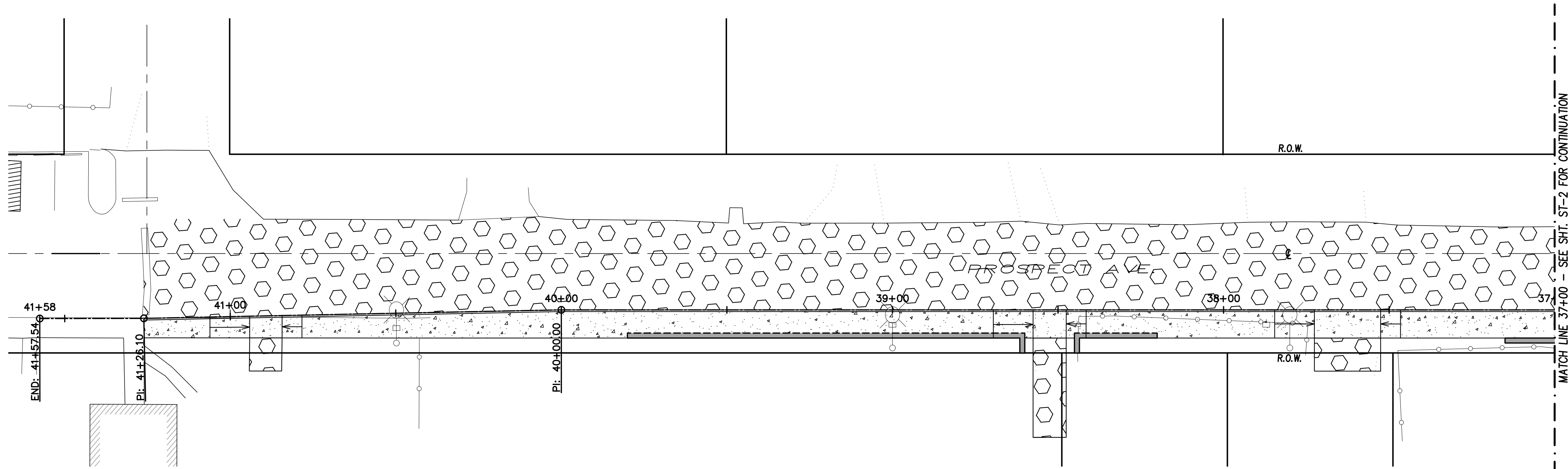
NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFIED PROFESSIONAL ENGINEER
REVIEW
 STEVEN H. GIBBY, P.E.
 REG. NO. 16,000
 OREGON
 DATE: 05/20/2022

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS
 3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 565-2474 Fax: (503) 565-3966
 E-mail: westtech@westtech-eng.com


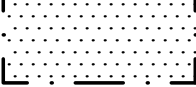

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL - FINAL
 LANDSCAPING &
 STABILIZATION**

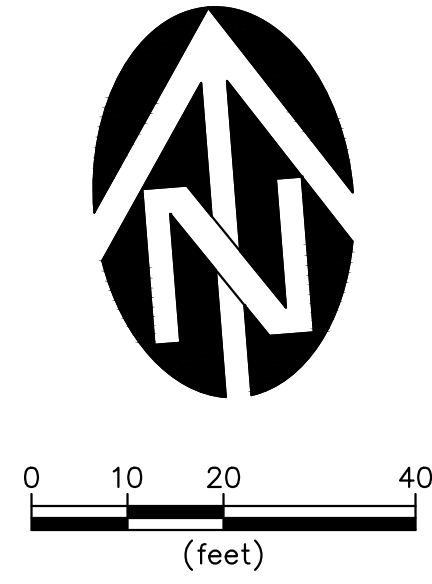
DRAWING
EC-11
 JOB NUMBER
2969.2030



PROSPECT AVE. PLAN STA. 37+00 - END
 1" = 20'

SURFACING LEGEND

-  NEW PCC PEDESTRIAN CONCRETE
-  NEW LANDSCAPING
-  NEW ASPHALT PAVEMENT



NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW

DATE: 05/20/2022



WE
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

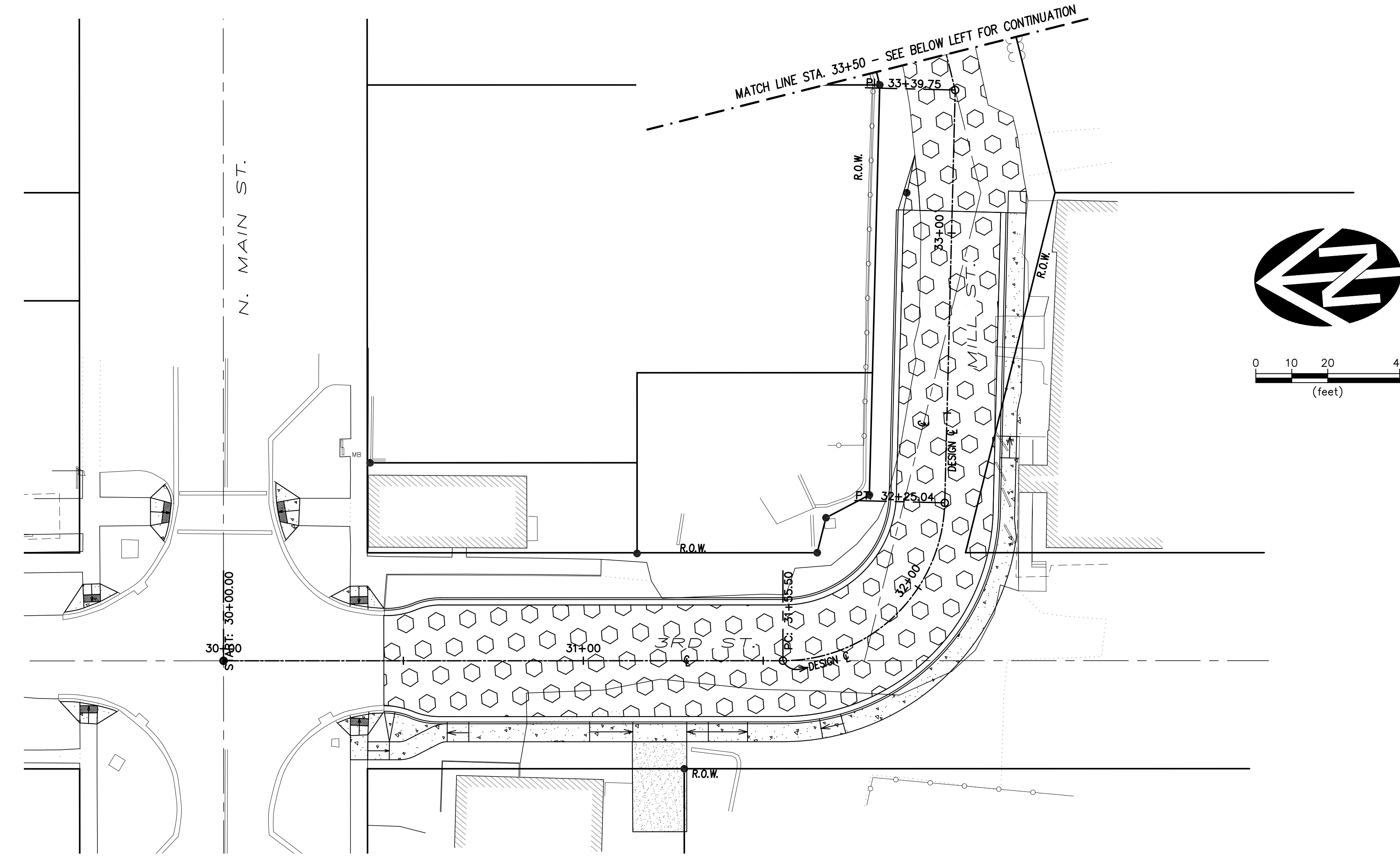
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL - FINAL
 LANDSCAPING & STABILIZATION**

DRAWING
EC-12

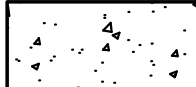

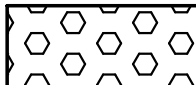
JOB NUMBER
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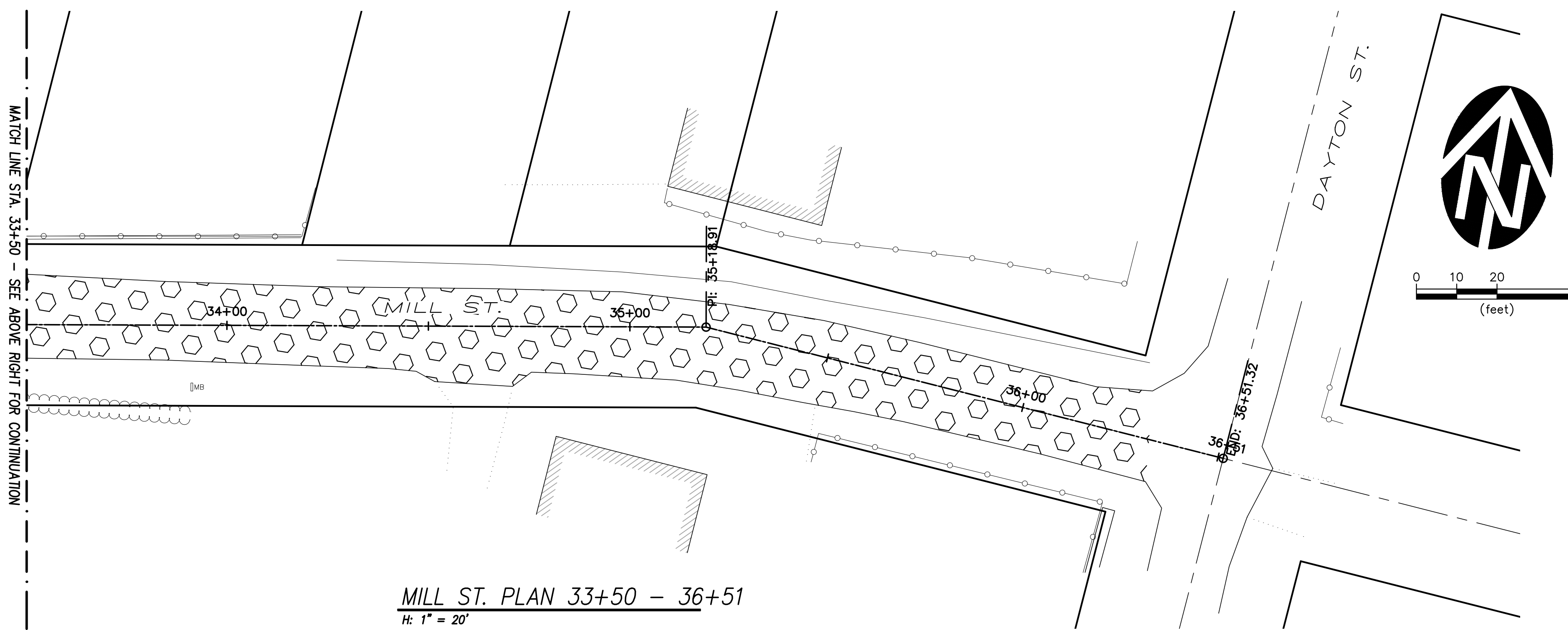
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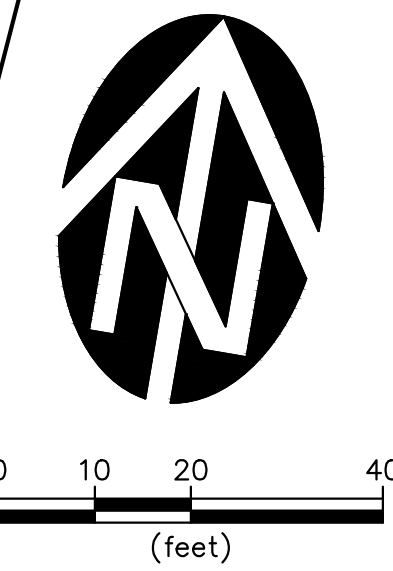
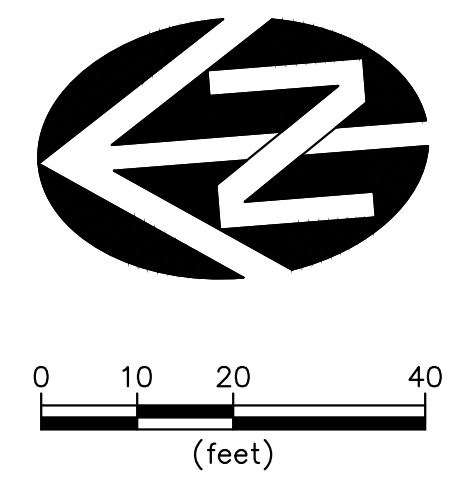
MILL ST. PLAN 33+50 - 36+51
 H: 1" = 20'

SURFACING LEGEND

-  NEW PCC PEDESTRIAN CONCRETE
-  NEW LANDSCAPING
-  NEW ASPHALT PAVEMENT



MILL ST. PLAN 33+50 - 36+51
 H: 1" = 20'



NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 SCALES ACCURACELY

DATE: 05/20/2022

REVIEW

REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STEVEN H. GIBBY
 No. 16,000,000
 OREGON
 REVIEWS: 6/20/2022

WE

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

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 Phone: (503) 565-2474 Fax: (503) 565-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

**EROSION CONTROL - FINAL
 LANDSCAPING & STABILIZATION**

DRAWING
EC-13

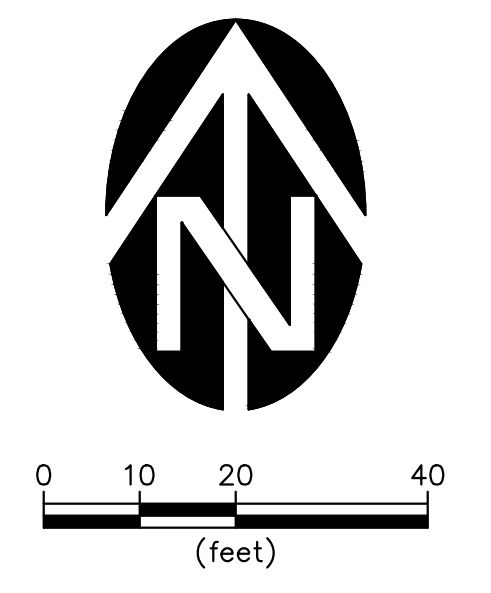
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SURFACING LEGEND

	NEW PCC PEDESTRIAN CONCRETE
	NEW LANDSCAPING
	NEW ASPHALT PAVEMENT



N MAIN ST. PLAN
 1" = 20'

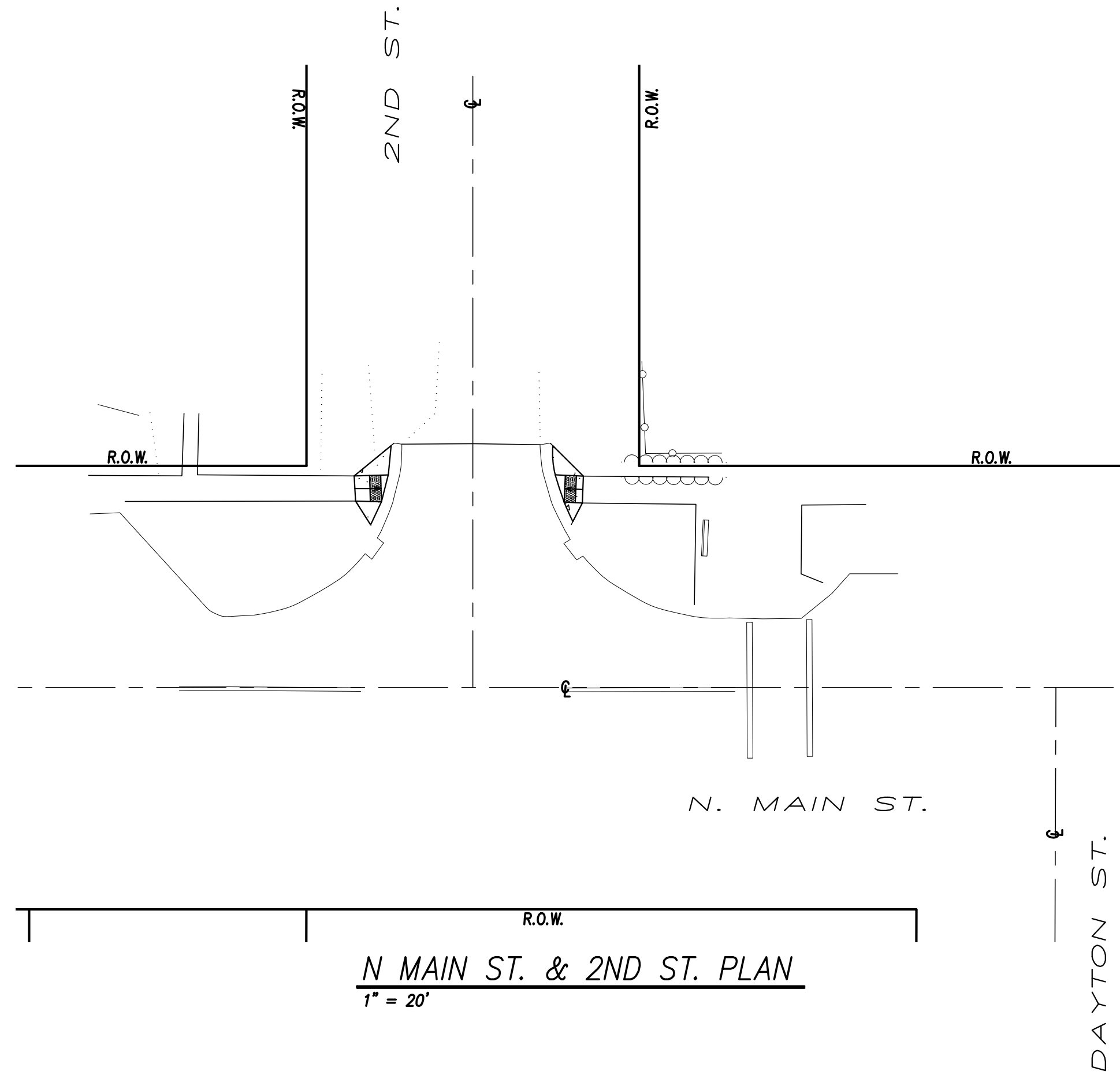
<p>VERIFIED SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCURACELY</p>		<p>DATE: 05/20/2022</p>
<p>DSN. SW DRN. RS CKD. SW</p>	<p>NO. 1</p>	<p>DATE</p>
<p>DESCRIPTION</p>	<p>REVISIONS</p>	<p>BY</p>

REVIEW
 STEVEN H. WESTTECH, P.E.
 OREGON
 No. 16

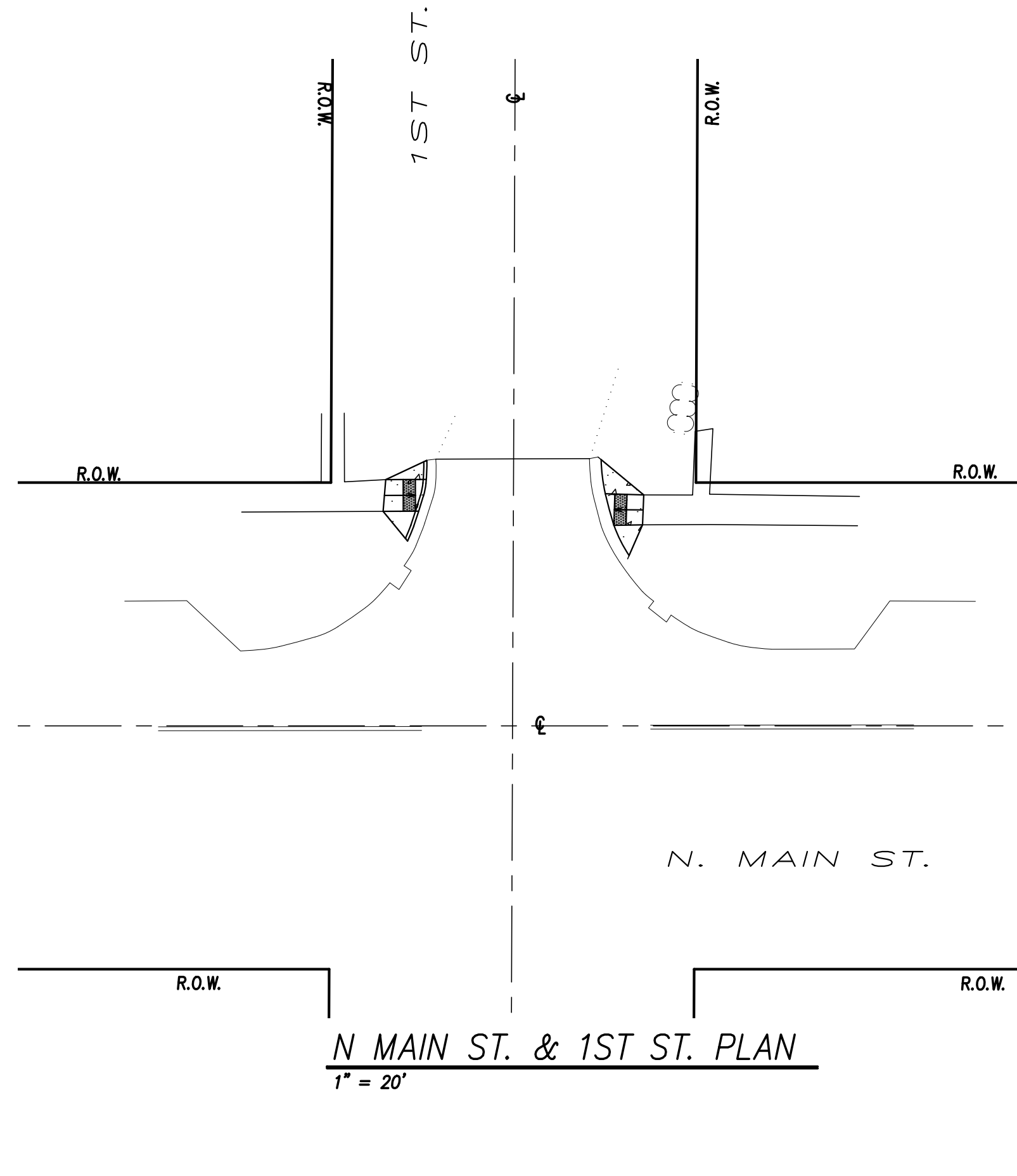
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS
 3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL – FINAL
 LANDSCAPING & STABILIZATION**

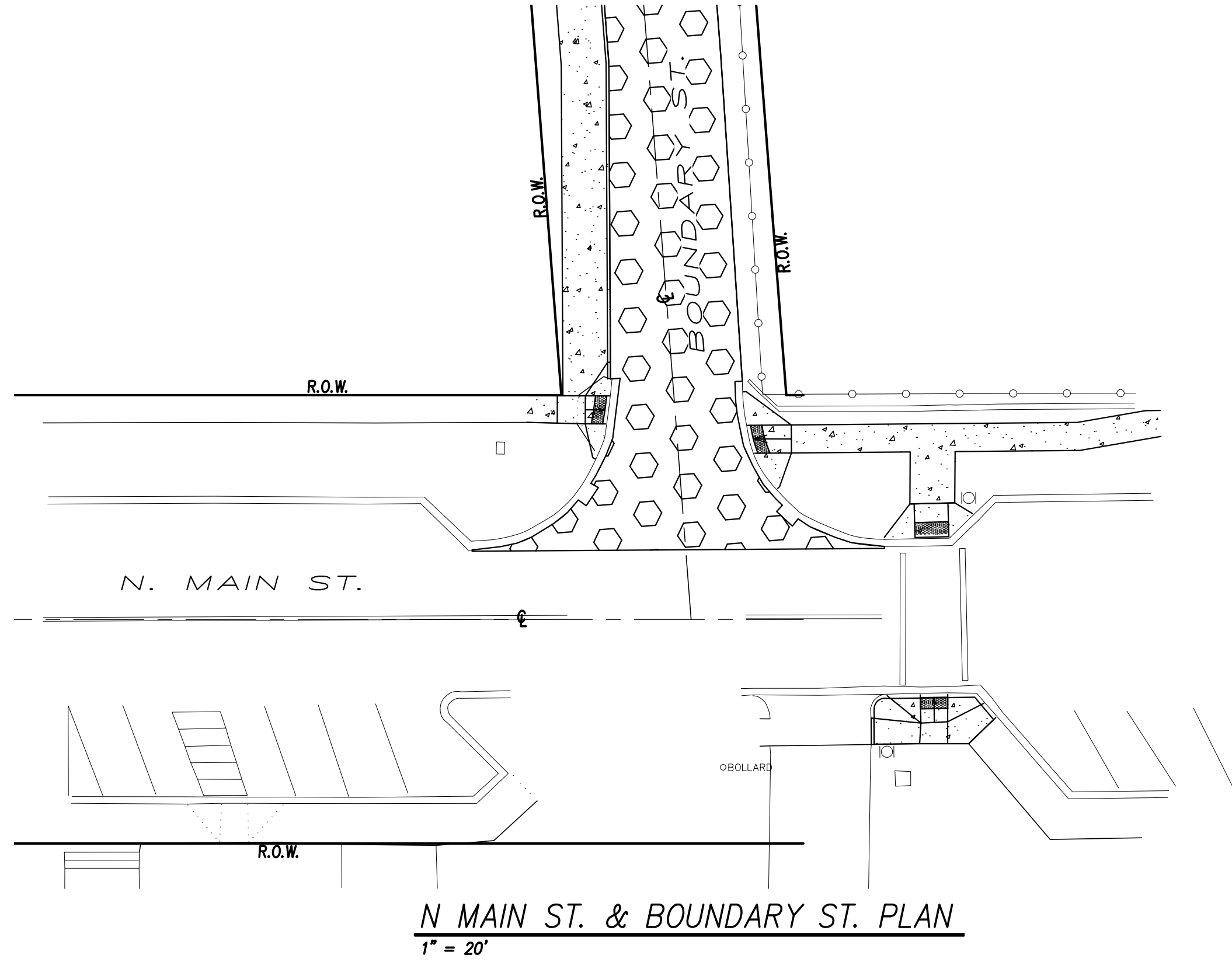
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<p>JOB NUMBER 2969.2030</p>



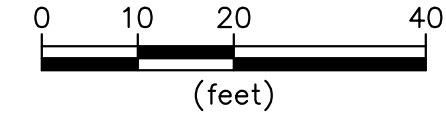
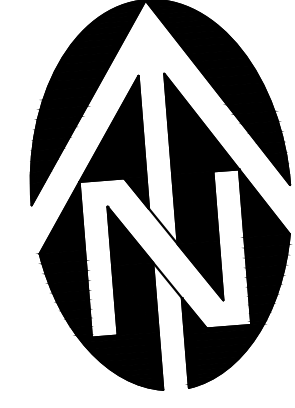
N MAIN ST. & 2ND ST. PLAN
 1" = 20'



N MAIN ST. & 1ST ST. PLAN
 1" = 20'



N MAIN ST. & BOUNDARY ST. PLAN
 1" = 20'



SURFACING LEGEND

	NEW PCC PEDESTRIAN CONCRETE
	NEW LANDSCAPING
	NEW ASPHALT PAVEMENT

VERIFIED SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCORDINGLY	NO.	DATE	DESCRIPTION	BY
0	1			
DSN.	SW			
DRN.	RS			
CKD.	SW			
DATE: 05/20/2022				



WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS
 3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**EROSION CONTROL – FINAL
 LANDSCAPING & STABILIZATION**

DRAWING
EC-15

JOB NUMBER
2969.2030

DEQ EROSION CONTROL STANDARD NOTES:

1. Include a list of all personnel (by name and position) that are responsible for the design, installation and maintenance of stormwater control measures (e.g. ESCP developer, BMP installer (see Section 4.10), as well as their individual responsibilities. (Section 4.4.c.ii)
2. Visual monitoring inspection reports must be made in accordance with DEQ 1200-C permit requirements. (Section 6.5)
3. Inspection logs must be kept in accordance with DEQ's 1200-C permit requirements. (Section 6.5.a)
4. Retain a copy of the ESCP and all revisions on site and make it available on request to DEQ, Agent, or the local municipality. (Section 4.7)
5. The permit registrant must implement the ESCP. Failure to implement any of the control measures or practices described in the ESCP is a violation of the permit. (Sections 4 and 4.11)
6. The ESCP must be accurate and reflect site conditions. (Section 4.8)
7. Submission of all ESCP revisions is not required. Submittal of the ESCP revisions is only under specific conditions. Submit all necessary revision to DEQ or Agent within 10 days. (Section 4.9)
8. Sequence clearing and grading to the maximum extent practical to prevent exposed inactive areas from becoming a source of erosion. (Section 2.2.2)
9. Create smooth surfaces between soil surface and erosion and sediment controls to prevent stormwater from bypassing controls and ponding. (Section 2.2.3)
10. Identify, mark, and protect (by construction fencing or other means) critical riparian areas and vegetation including important trees and associated rooting zones, and vegetation areas to be preserved. Identify vegetative buffer zones between the site and sensitive areas (e.g., wetlands), and other areas to be preserved, especially in perimeter areas. (Section 2.2.1)
11. Preserve existing vegetation when practical and re-vegetate open areas. Re-vegetate open areas when practicable before and after grading or construction. Identify the type of vegetative seed mix used. (Section 2.2.5)
12. Maintain and delineate any existing natural buffer within the 50-foot of waters of the state. (Section 2.2.4)
13. Install perimeter sediment control, including storm drain inlet protection as well as all sediment basins, traps, and barriers prior to land disturbance. (Sections 2.1.3)
14. Control both peak flow rates and total stormwater volume, to minimize erosion at outlets and downstream channels and streambanks. (Sections 2.1.1. and 2.2.16)
15. Control sediment as needed along the site perimeter and at all operational internal storm drain inlets at all times during construction, both internally and at the site boundary. (Sections 2.2.6 and 2.2.13)
16. Establish concrete truck and other concrete equipment washout areas before beginning concrete work. (Section 2.2.14)
17. Apply temporary and/or permanent soil stabilization measures immediately on all disturbed areas as grading progresses. Temporary or permanent stabilizations measures are not required for areas that are intended to be left unvegetated, such as dirt access roads or utility pole pads. (Sections 2.2.20 and 2.2.21)
18. Establish material and waste storage areas, and other non-stormwater controls. (Section 2.3.7)
19. Keep waste container lids closed when not in use and close lids at the end of the business day for those containers that are actively used throughout the day. For waste containers that do not have lids, provide either (1) cover (e.g., a tarp, plastic sheeting, temporary roof) to prevent exposure of wastes to precipitation, or (2) a similarly effective means designed to prevent the discharge of pollutants (e.g., secondary containment). (Section 2.3.7)
20. Prevent tracking of sediment onto public or private roads using BMPs such as: construction entrance, graveled (or paved) exits and parking areas, gravel all unpaved roads located onsite, or use an exit tire wash. These BMPs must be in place prior to land-disturbing activities. (Section 2.2.7)
21. When trucking saturated soils from the site, either use water-tight trucks or drain loads on site. (Section 2.2.7.f)
22. Control prohibited discharges from leaving the construction site, i.e., concrete wash-out, wastewater from cleanout of stucco, paint and curing compounds. (Sections 1.5 and 2.3.9)
23. Ensure that steep slope areas where construction activities are not occurring are not disturbed. (Section 2.2.10)
24. Prevent soil compaction in areas where post-construction infiltration facilities are to be installed. (Section 2.2.12)
25. Use BMPs to prevent or minimize stormwater exposure to pollutants from spills; vehicle and equipment fueling, maintenance, and storage; other cleaning and maintenance activities; and waste handling activities. These pollutants include fuel, hydraulic fluid, and other oils from vehicles and machinery, as well as debris, fertilizer, pesticides and herbicides, paints, solvents, curing compounds and adhesives from construction operations. (Sections 2.2.15 and 2.3)
26. Provide plans for sedimentation basins that have been designed per Section 2.2.17 and stamped by an Oregon Professional Engineer. (See Section 2.2.17.a)
27. If engineered soils are used on site, a sedimentation basin/impoundment must be installed. (See Sections 2.2.17 and 2.2.18)
28. Provide a dewatering plan for accumulated water from precipitation and uncontaminated groundwater seepage due to shallow excavation activities. (See Section 2.4)
29. Implement the following BMPs when applicable: written spill prevention and response procedures, employee training on spill prevention and proper disposal procedures, spill kits in all vehicles, regular maintenance schedule for vehicles and machinery, material delivery and storage controls, training and signage, and covered storage areas for waste and supplies. (Section 2.3)
30. Use water, soil-binding agent or other dust control technique as needed to avoid wind-blown soil. (Section 2.2.9)
31. The application rate of fertilizers used to reestablish vegetation must follow manufacturer's recommendations to minimize nutrient releases to surface waters. Exercise caution when using time-release fertilizers within any waterway riparian zone. (Section 2.3.5)
32. If an active treatment system (for example, electro-coagulation, flocculation, filtration, etc.) for sediment or other pollutant removal is employed, submit an operation and maintenance plan (including system schematic, location of system, location of inlet, location of discharge, discharge dispersion device design, and a sampling plan and frequency) before operating the treatment system. Obtain Environmental Management Plan approval from DEQ before operating the treatment system. Operate and maintain the treatment system according to manufacturer's specifications. (Section 1.2.9)
33. Temporarily stabilize soils at the end of the shift before holidays and weekends, if needed. The registrant is responsible for ensuring that soils are stable during rain events at all times of the year. (Section 2.2)
34. As needed based on weather conditions, at the end of each workday soil stockpiles must be stabilized or covered, or other BMPs must be implemented to prevent discharges to surface waters or conveyance systems leading to surface waters. (Section 2.2.8)
35. Sediment fence: remove trapped sediment before it reaches one third of the above ground fence height and before fence removal. (Section 2.1.5.b)
36. Other sediment barriers (such as biobags): remove sediment before it reaches two inches depth above ground height and before BMP removal. (Section 2.1.5.c)
37. Catch basins: clean before retention capacity has been reduced by fifty percent. Sediment basins and sediment traps: remove trapped sediments before design capacity has been reduced by fifty percent and at completion of project. (Section 2.1.5.d)
38. Within 24 hours, significant sediment that has left the construction site, must be remediated. Investigate the cause of the sediment release and implement steps to prevent a recurrence of the discharge within the same 24 hours. Any in-stream clean-up of sediment shall be performed according to the Oregon Department of State Lands required timeframe. (Section 2.2.19.a)
39. The intentional washing of sediment into storm sewers or drainage ways must not occur. Vacuuming or dry sweeping and material pickup must be used to cleanup released sediments. (Section 2.2.19)
40. Document any portion(s) of the site where land disturbing activities have permanently ceased or will be temporarily inactive for 14 or more calendar days. (Section 6.5.f.)
41. Provide temporary stabilization for that portion of the site where construction activities cease for 14 days or more with a covering of blown straw and a tackifier, loose straw, or an adequate covering of compost mulch until work resumes on that portion of the site. (Section 2.2.20)
42. Do not remove temporary sediment control practices until permanent vegetation or other cover of exposed areas is established. Once construction is complete and the site is stabilized, all temporary erosion controls and retained soils must be removed and disposed of properly, unless needed for long term use following termination of permit coverage. (Section 2.2.21)

Rev. 12/15/20
By: Blair Edwards

YEAR:	'22	'22	'22	'22	'23	'23	'23	'23	'23	'23	'23	'23
MONTH:	09	10	11	12	01	02	03	04	05	06	07	08
CLEARING	X	X										
EXCAVATION												
GRADING	X	X	X	X	X							
CONSTRUCTION	X	X	X	X	X	X	X	X				
SEDIMENT CONTROLS:												
Silt Fencing	X	X	X	X	X	X	X	X				
Sediment Traps	X	X	X	X	X	X	X	X				
Sediment Basins												
Storm Inlet Protection												
Drainage Swales												
Check Dams												
Contour Furrows												
Terracing												
Pipe Slope Drains												
Rock Outlet Protection												
Gravel Construction Entrance	X	X	X	X	X	X	X	X				
Grass-lined Channel (Turf Reinforcement Mats)												
Protection of trees with construction fences												
Temporary Seeding and Planting												
Permanent Seeding and Planting												
Other:												

CONTROL MEASURE	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5
Silt Fencing	X	X	X	X	
Construction Entrance	X	X			
Sediment Traps			X	X	
Storm Inlet Protection			X	X	
Concrete Washout					
Rock Outlet Protection			X	X	X
Permanent Seeding and Planting					X
Phase 1: Prior to Ground Disturbance					
Phase 2: After Completion of Rough Grading					
Phase 3: After Installation of Storm Facilities					
Phase 4: After Paving & Construction					
Phase 5: After Project Completion and Cleanup					

BMP Rationale

A comprehensive list of available Best Management Practices (BMP) options based on DEQ's 1200-C Permit Application and ESCP Guidance Document has been reviewed to complete this Erosion and Sediment Control Plan. Some of the above listed BMPs were not chosen because they were determined to not effectively manage erosion prevention and sediment control for this project based on specific site conditions, including soil conditions, topographic constraints, accessibility to the site, and other related conditions. As the project progresses and there is a need to revise the ESCP, an Action Plan will be submitted.

SOIL TYPE(S): PER NRCS SOIL SURVEY THE SITE SOILS INCLUDE, "BRIEDWELL SILT LOAM, 0-3% SLOPES," "CAMAS GRAVELY SANDY LOAM," "CHEHLURUM SILT LOAM, 0-3% SLOPES," "DORV SILT LOAM, 20-30% SLOPES," "SAUKUM SILTY CLAY LOAM, 6-12% SLOPES," "STEWER SILT LOAM, 3-12% SLOPES"

EROSION HAZARD: PER NRCS CO. SOIL SURVEY EROSION HAZARD RANGES FROM "SLIGHT" TO "SEVERE".

SITE AREA: 58.66 Ac

DISTURBANCE AREA: 1.60 Ac

INSPECTION FREQUENCY FOR BMP

Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence. Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site. At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.

Spill Prevention Procedures and Response

- Spill prevention is an important factor in the successful operation of a storm water injection management system. All contractor employees will be trained on this plan so that they are certain of the location of materials, who to notify in case of a spill, and how to initially contain the spill of hazardous materials. Contractor employees shall never dispose waste materials into the storm water collection/treatment system. Contractor employees will be observant of other potential contamination occurrences. All contractor employees will review this plan especially with regards to the detailed spill response steps.
- This data will be posted in an accessible area at the site.

What to do in case of a spill

1. Spill kit to be located near the job trailer or another conspicuous location and clearly marked.
2. Get the spill kit.
 - a. If possible, determine visually what types of fluids have been spilled.
 - b. Put on gloves and glasses or any other necessary Personal Protective Equipment (PPE).
 - c. Get the absorbent material provided in the kit and the drain block cover.
 - d. Place the absorbent materials in the path of the spill.
 - e. Remove any debris from the vicinity of the inlet where the spill is draining.
 - f. Unroll the drain block cover and place it snugly over the inlet.
 - g. Verify that the cover has full contact with the rim of the inlet.
 - h. Use snakes, pillow or pigs to completely contain the area.
3. Notify the following personnel immediately:
 - a. Owner's Representative: Troy Croft, Phone: 503-375-7168.
 - b. When a spill includes any of the below, notify the Oregon Emergency Response System as soon as the Owner's Representative has knowledge of the release. Oregon Emergency Response System Phone: 1-800-452-0311
 - i. Any amount of oil to waters of the state;
 - ii. Oil spills on land in excess of 42 gallons;
 - iii. Hazardous materials that are equal to, or greater than, the quantity listed in the Code of Federal Regulations, 40 CFR Part 302 (List of Hazardous Substances and Reportable Quantities), and amendments adopted before July 1, 2002

NOTE: Only dry cleanup methods will be employed to clean up spills (i.e., no use of water to wash spilled materials from pavement will be conducted). All spill cleanups shall be conducted in accordance with applicable regulations.

Responsible Personnel

In case of spill contact the General Contractor and Owner's Representative immediately. The General Contractor will be responsible for either managing the spill clean up for minor spills or contacting/retaining a company for the cleanup of major spills.

Waste Management Procedures

Activities performed onsite shall implement the following to eliminate the discharge of waste:

1. Locate activities that include waste products away from waters of the state and stormwater inlets or conveyances so that stormwater coming into contact with these activities cannot reach waters of the state;
2. Ensure adequate supplies are available at all times to handle spills, leaks, and disposal of liquids, and provide secondary containment (e.g. spill berms, decks, spill containment pallets);
3. Have a spill kit available on site and ensure personnel are available to respond expeditiously in the event of a leak or spill;
4. Clean up spills or contaminated surfaces immediately using dry clean up measures (do not clean contaminated surfaces by hosing the area down), and eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge, and
5. Store materials in a covered area (e.g., plastic sheeting, temporary roofs), or in secondary containment to prevent the exposure of these containers to precipitation or stormwater runoff, or a similarly effective means designed to prevent the discharge of pollutants from these areas.
6. Building Materials & Building Products: Minimize material exposure in cases where the exposure to precipitation or to stormwater will result in a discharge of pollutants (e.g. elevate materials from soil to prevent leaching of pollutants).

Fertilizers, pesticides, herbicides, & insecticides

Comply with all application and disposal requirements included on the registered pesticide, herbicide, insecticide, and fertilizer label. When applying fertilizers, registrants must:

1. Apply at a rate and in amounts consistent with manufacturer's specifications;
2. Apply at the appropriate time of year for the location, and preferably timed to coincide as closely as possible to the period of maximum vegetation uptake and growth;
3. Avoid applying before heavy rains that could cause excess nutrients to be discharged;
4. Never apply to frozen ground;
5. Never apply to stormwater conveyance channels; and
6. Follow all other federal, state, and local requirements regarding fertilizer application.

Authorized non-stormwater discharges anticipated for the proposed project:

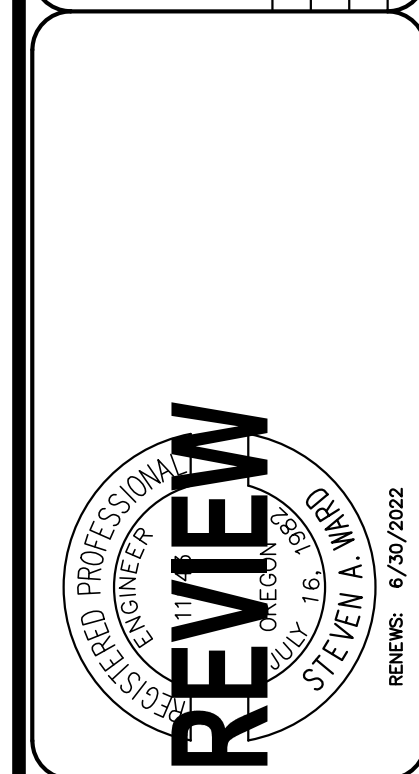
1. Landscape irrigation
2. Dust control water
3. Water line flushing (potable)

Potential pollutant-generating activities anticipated for the proposed project including an inventory of pollutants for each activity:

1. Mass Grading, Street & Utility Construction
 - a. Sediment
 - b. Vehicle and machinery related pollutants (Fuels, hydraulic fluid, oils)
2. Landscaping & Irrigation
 - a. Fertilizers
 - b. Pesticides, Herbicides, Insecticides

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BY	DATE	NO.	REVISIONS
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CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
EROSION CONTROL NOTES

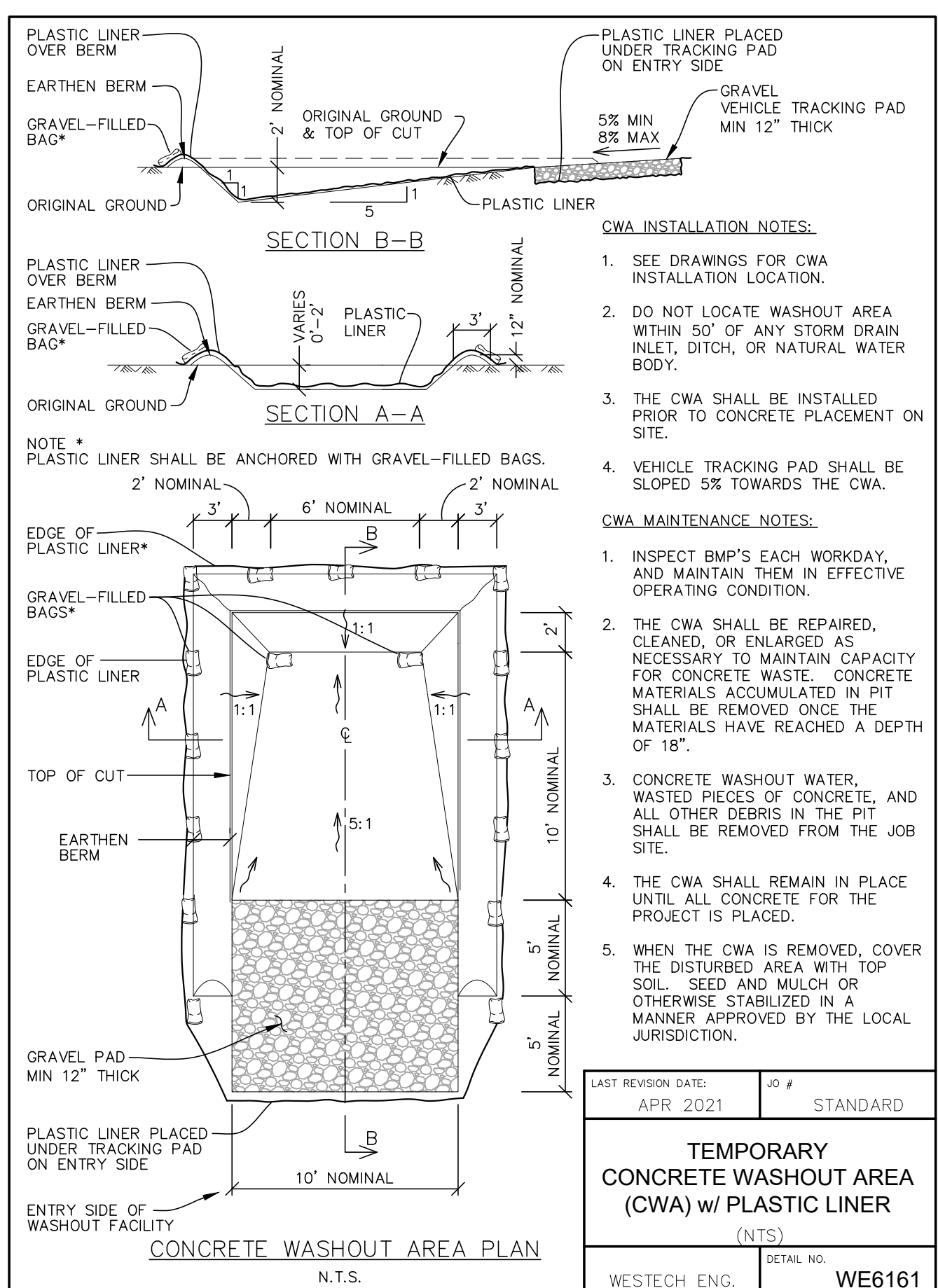
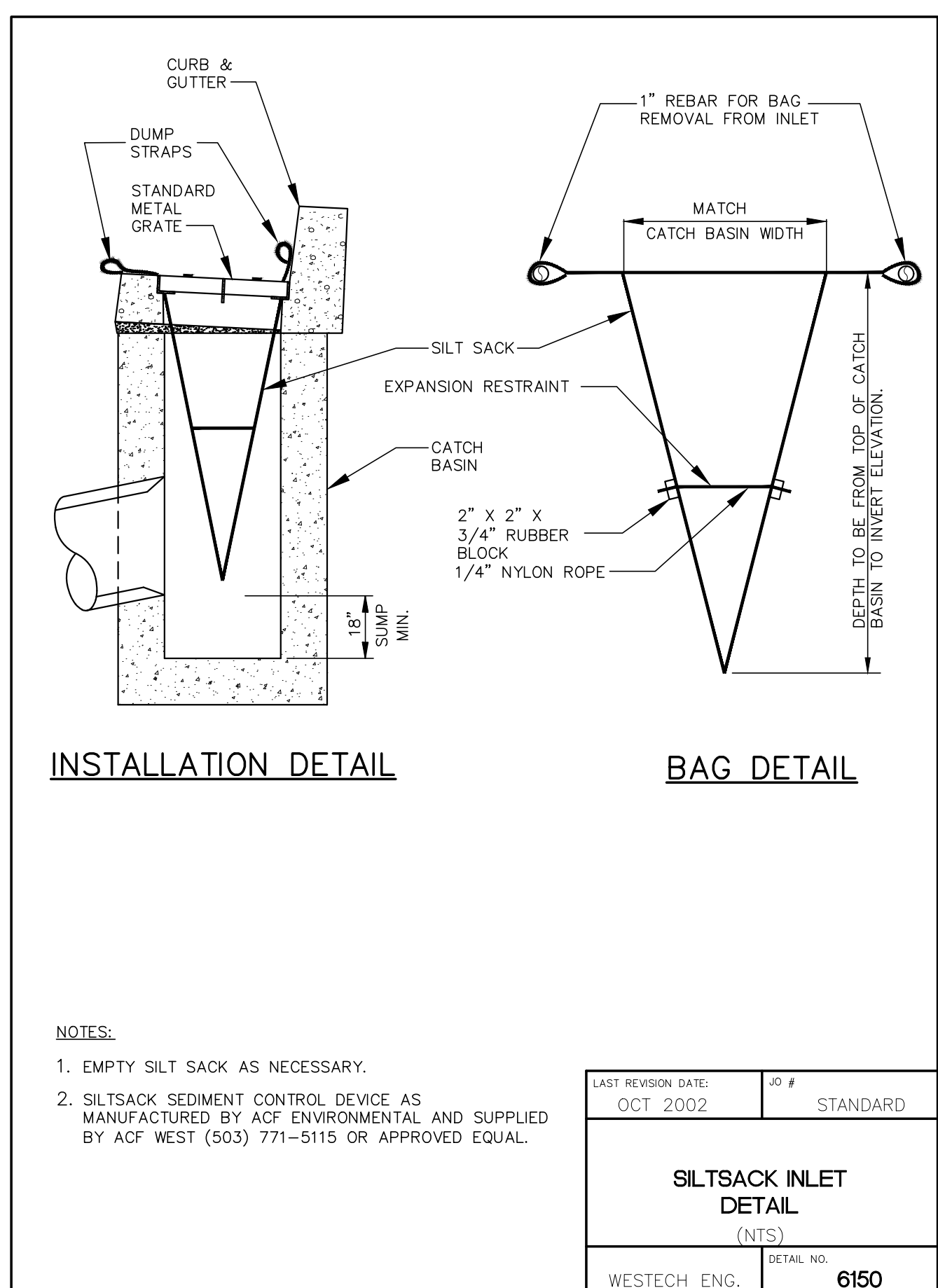
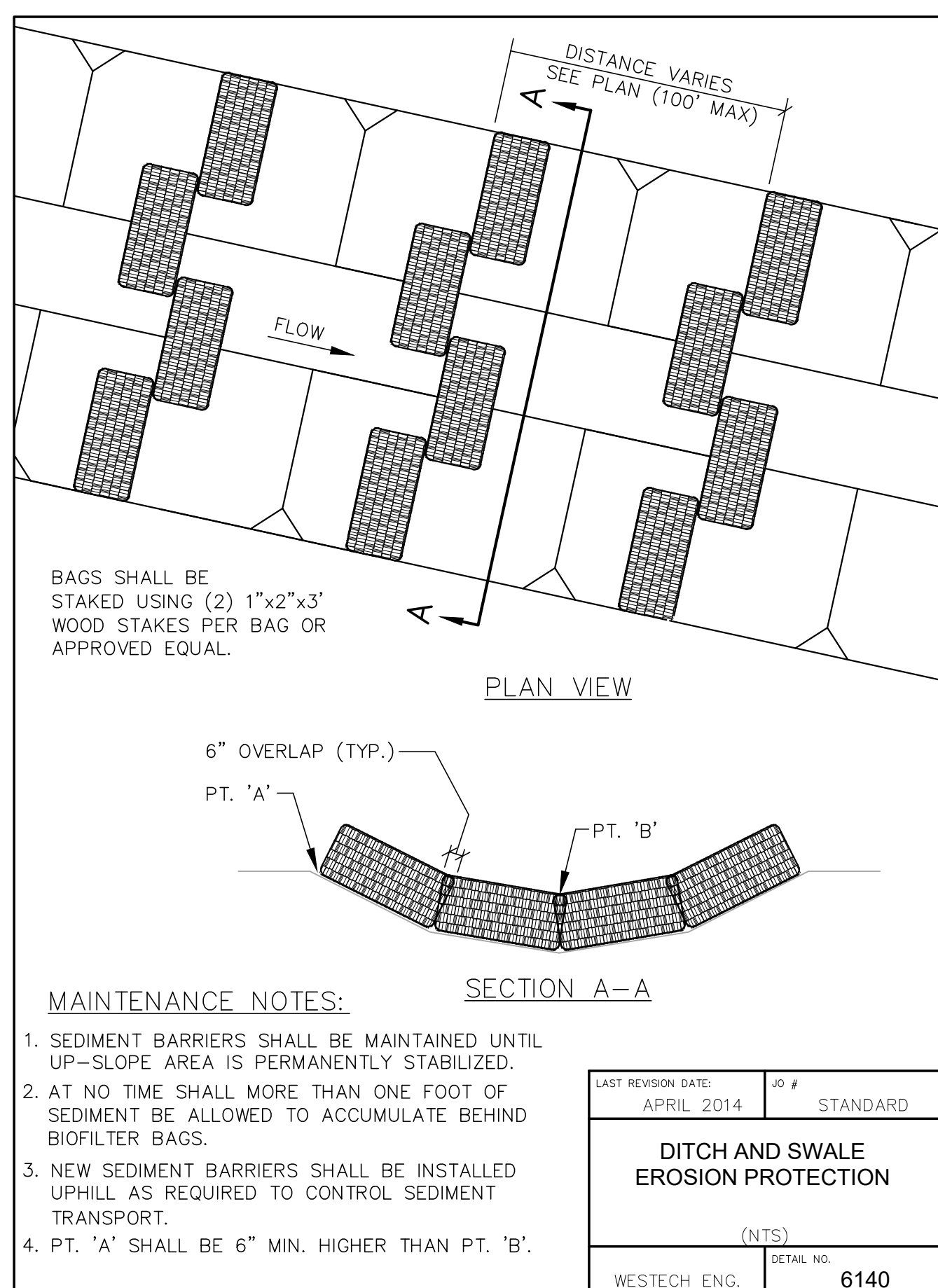
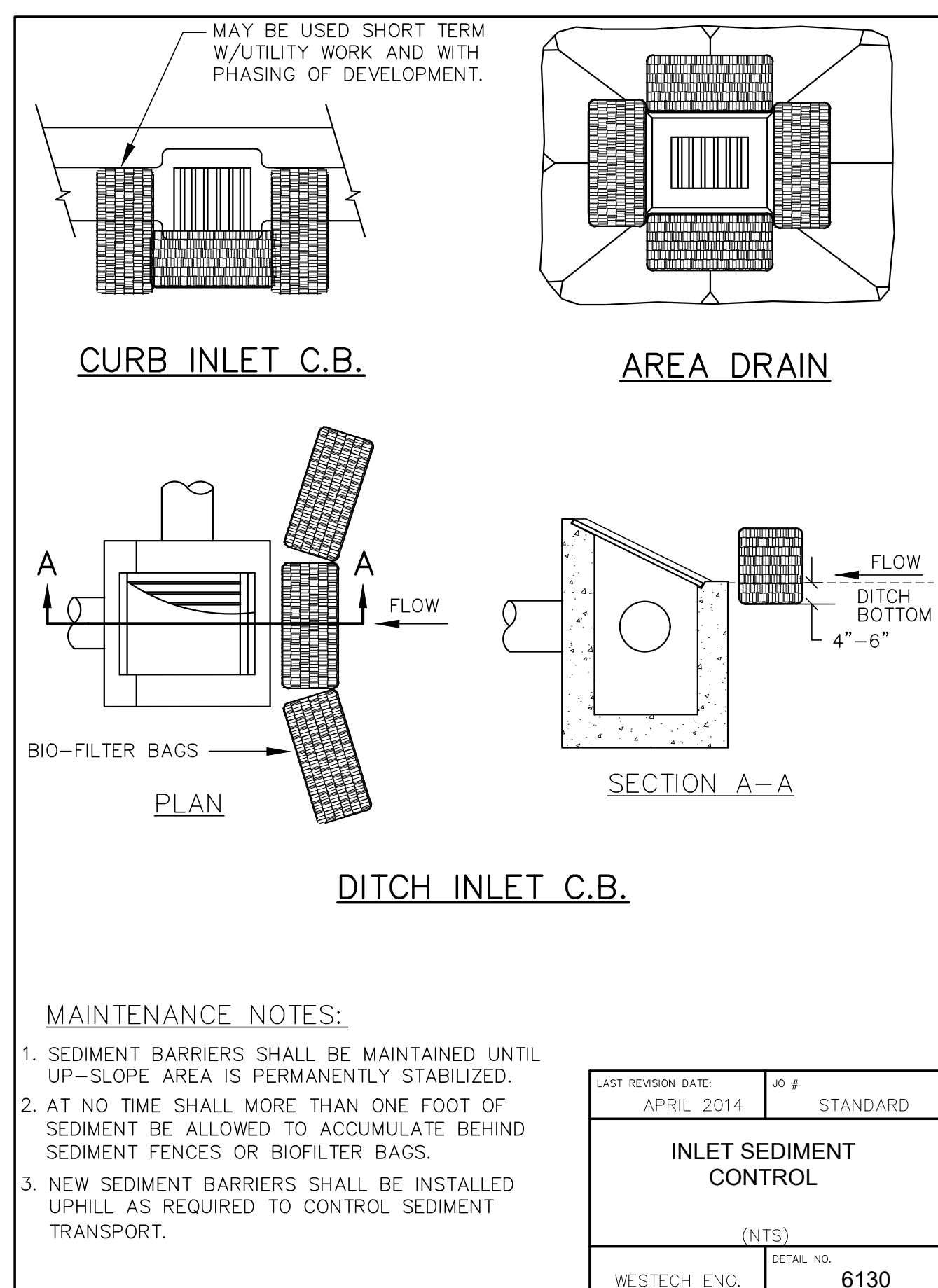
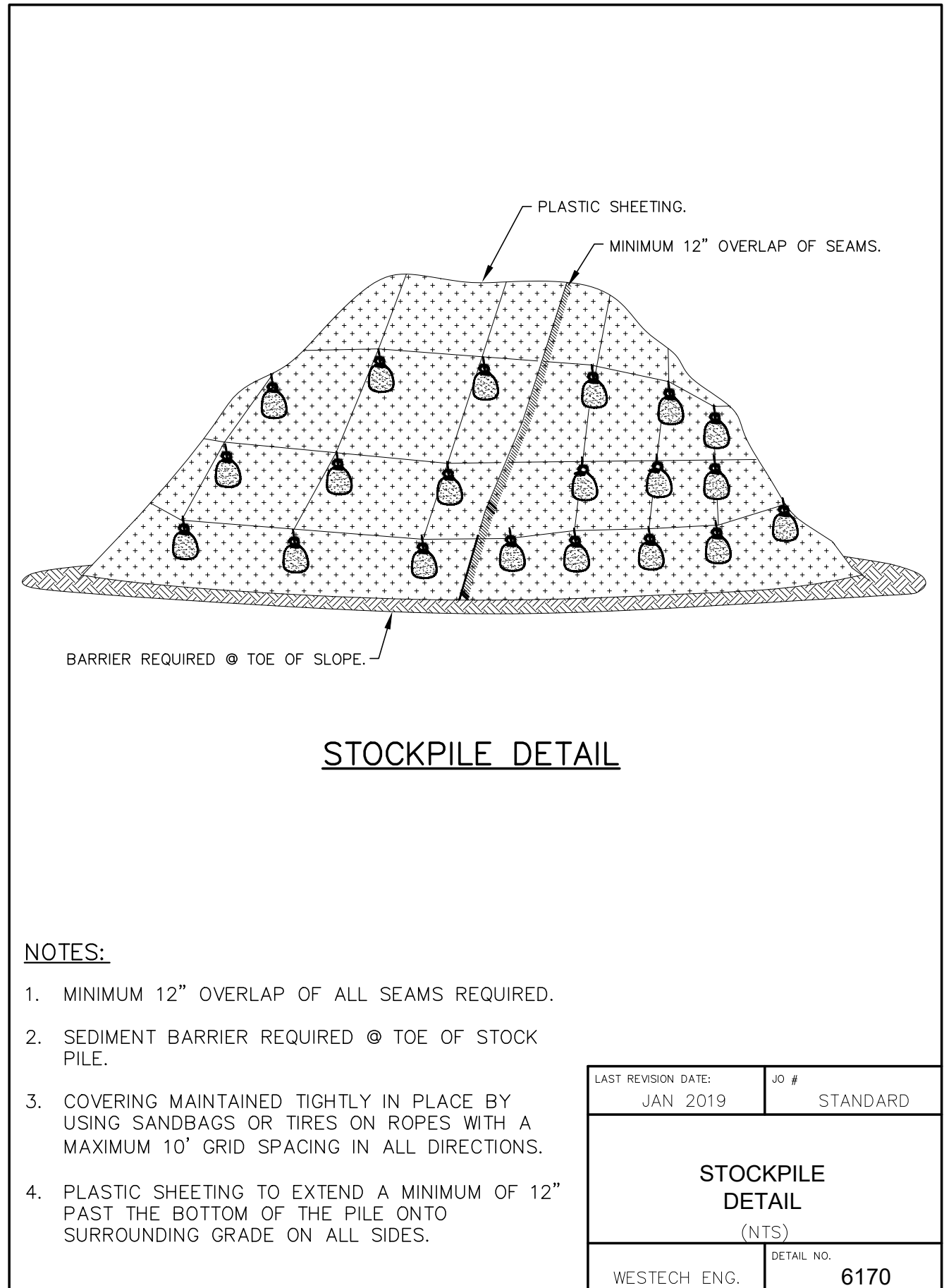
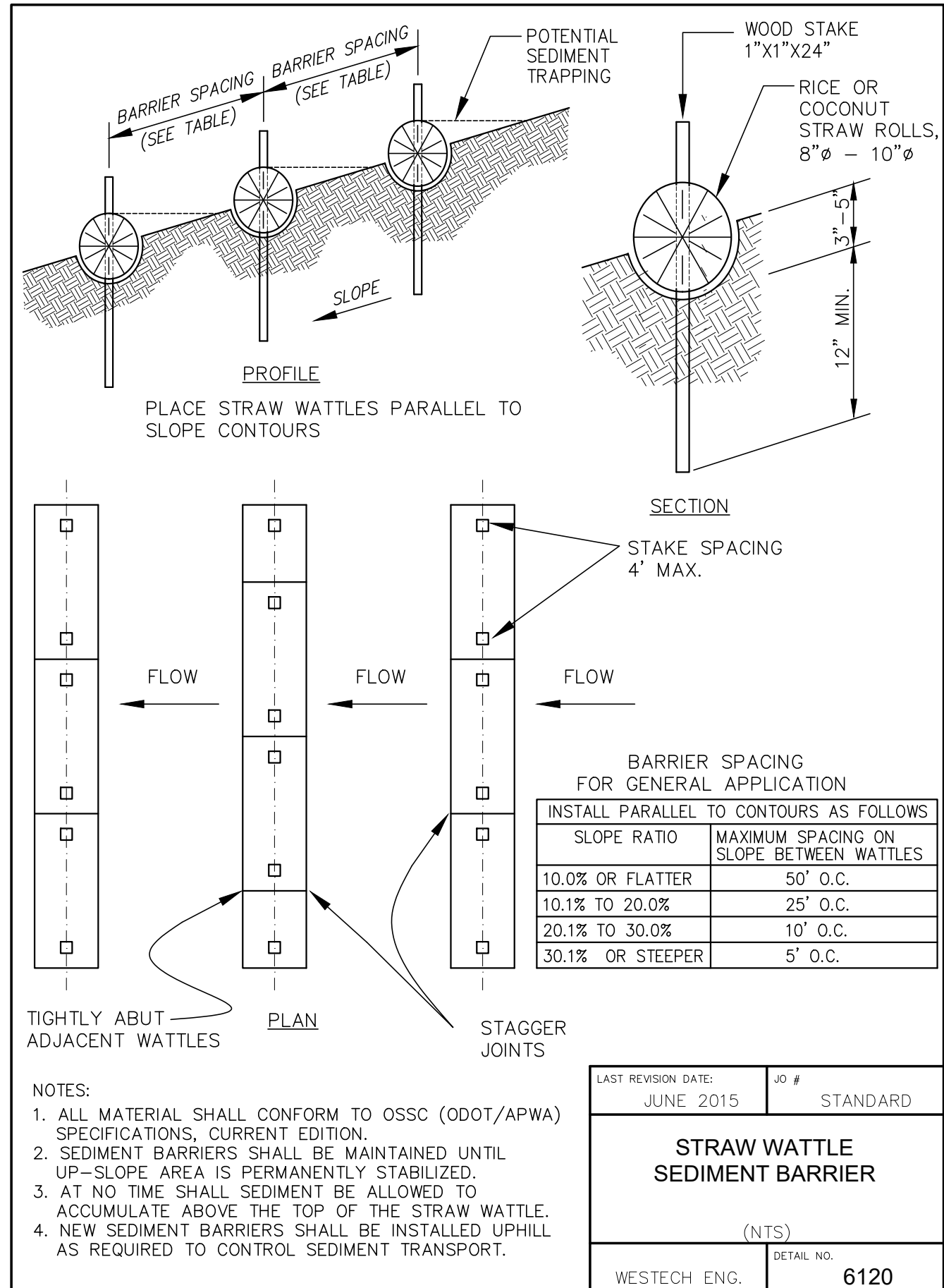
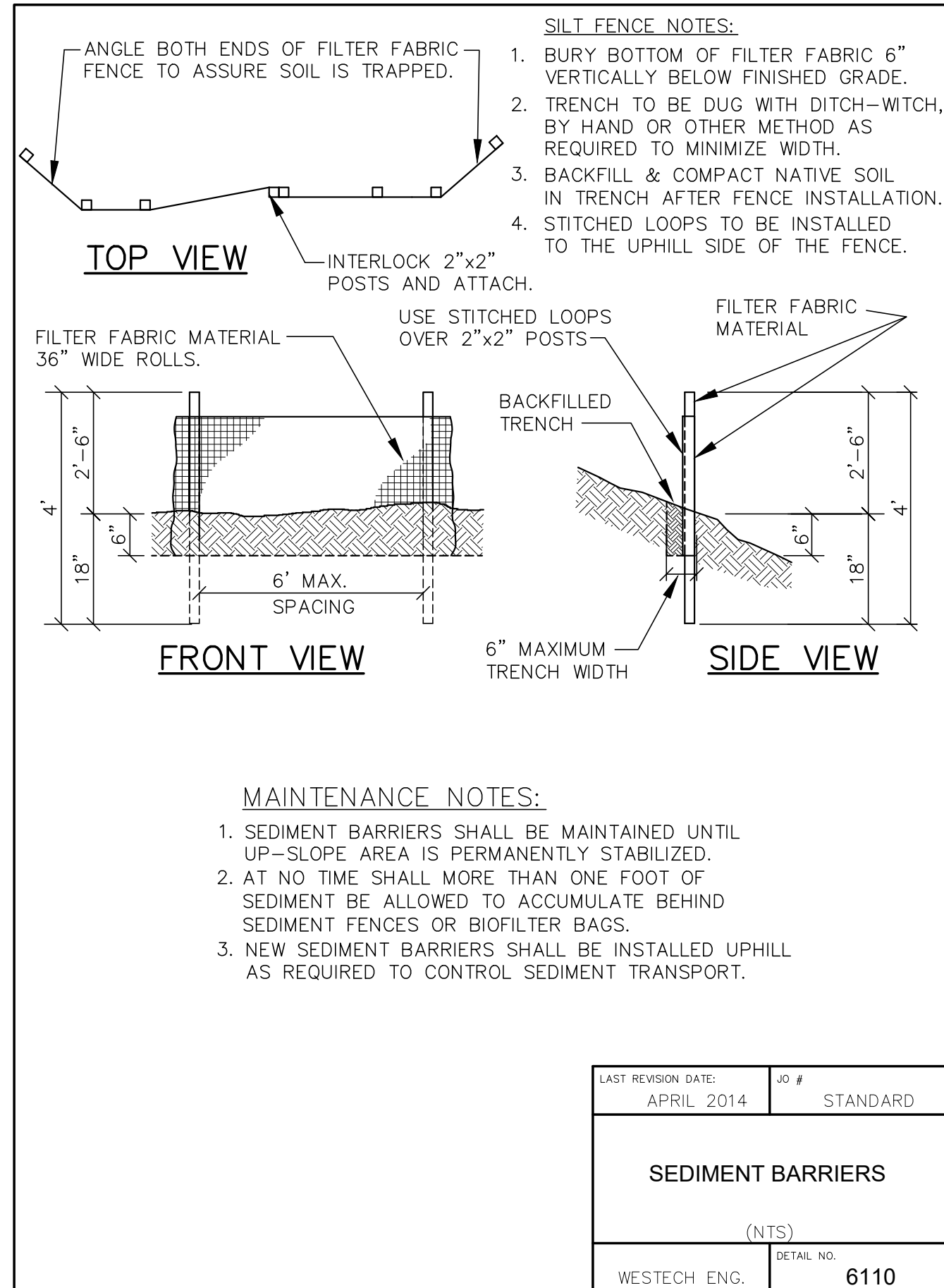
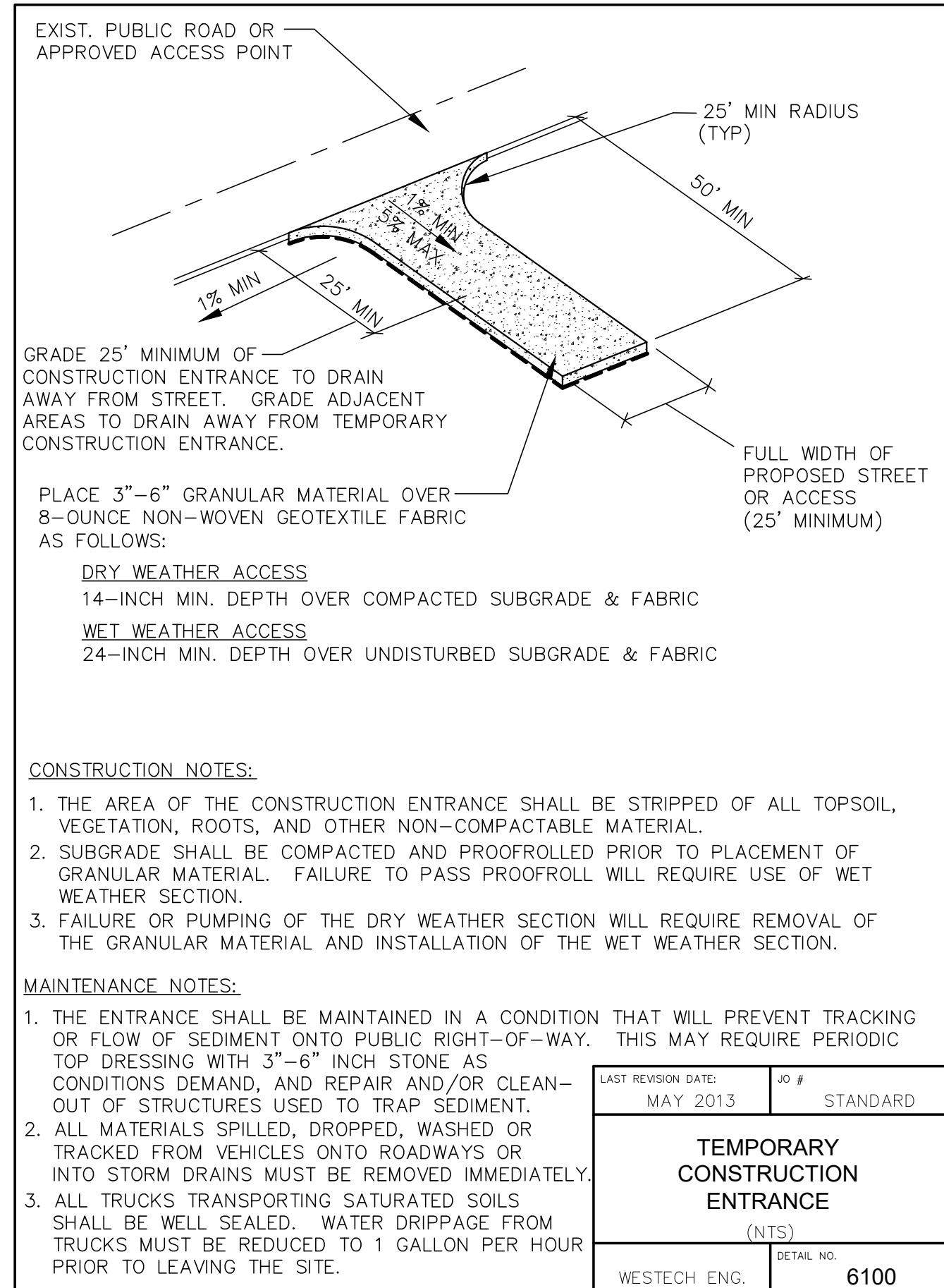
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SUPPLEMENTAL WESTECH NOTES:

1. Erosion control measures shall be maintained in such a manner as to ensure that sediment and sediment-laden water does not enter the drainage system, roadways, or violate applicable water quality standards.
2. The erosion control construction, maintenance, replacement and upgrading of the erosion control facilities is the responsibility of the Contractor until all construction is completed and approved, and permanent erosion control (i.e. vegetation/landscaping) is established on all disturbed areas.
3. All recommended erosion control procedures are dependent on construction methods, staging, site conditions, weather and scheduling. During the construction period, erosion control facilities shall be upgraded as necessary due to unexpected storm events and to ensure that sediment and sediment laden water does not leave the site.
4. The Contractor is responsible for control of sediment transport within project limits. If an installed erosion control system does not adequately contain sediment on site, then the erosion control measures shall be adjusted or supplemented by the Contractor as necessary to ensure that sediment laden water does not leave the site. Additional measures shall be provided as required to ensure that all paved areas are kept clean for the duration of the project. Additional interim measures will include, at a minimum, installation of silt fences in accordance with the details shown on the drawings. These measures shall be installed along all exposed embankments and cut slopes to prevent sediment transport.
5. All existing and newly constructed storm inlets and drains shall be protected until pavement surfaces are completed and/or vegetation is established.
6. Erosion control facilities and sediment fences on active sites shall be inspected by the Contractor at least daily during any period with measurable precipitation. Any required repairs or maintenance shall be completed immediately. The erosion control facilities on inactive sites shall be inspected and maintained by the Contractor a minimum of once a month or within 24 hours following the start of a storm event.
7. All catch basins and conveyance lines shall be cleaned prior to paving. The cleaning operation shall not flush sediment-laden water into the downstream system. The Contractor shall remove all accumulated sediment from all impacted catch basins and storm pipes prior to acceptance by the Owner.
8. The Contractor is solely responsible for protection of all adjacent property and downstream facilities from erosion and siltation during project construction. Any damage resulting from such erosion and siltation shall be corrected at the sole expense of the Contractor.
9. Locate any portable toilets away from waters of the state and stormwater inlets or conveyances. Position portable toilets so they are secure and will not be tipped or knocked over.
10. The Contractor shall provide site watering as necessary to prevent wind erosion of fine-grained soils.
11. Unless otherwise indicated on the drawings, all temporary erosion control facilities, including sediment fences, silt sacks, bio-bags, etc. shall be removed by the Contractor within 30 days after permanent landscaping/vegetation is established.
12. Sediment fences shall be constructed of continuous filter fabric to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and both ends securely fastened to a post.
13. Sediment fence shall be installed per drawing details. Sediment fences shall have adequate support to contain all silt and sediment captured.
14. The standard strength filter fabric shall be fastened securely to stitched loops installed on the upslope side of the posts, and 6 inches of the fabric shall be extended into the trench. The fabric shall not extend more than 30 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.
15. Bio-filter bags shall be clean 100 percent wood product waste. Bags shall be 18-inch x 18-inch x 30-inch, weigh approximately 45 lbs., and be contained in a bag made of 1/2-inch plastic mesh.
16. Sediment barriers shall be maintained until the up-slope area has been permanently stabilized. At no time shall more than 10-inches of sediment be allowed to accumulate behind sediment fences. No more than 2 inches of sediment shall be allowed to accumulate behind bio-filter bags. Sediment shall be removed prior to reaching the above stated depths. New sediment barriers shall be installed uphill as required to control sediment transport.
17. Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to ensure that all paved areas are kept clean for the duration of the project.
18. The Contractor shall verify that all trucks are well sealed when transporting saturated soils from the site. Water drippage from trucks transporting saturated soils must be reduced to less than 1 gallon per hour prior to leaving the site.
19. The entrance shall be maintained in a condition that will prevent tracking or flow of mud onto the public right-of-way or approved access point. The entrance may require periodic top dressing as conditions demand, and repair and/or cleanout of any structures used to trap sediment.
20. All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately, and the Contractor shall provide protection of downstream inlets and catch basins to ensure sediment laden water does not enter the storm drain system.
21. Temporary grass cover measures must be fully established by October 15th, or other cover measures (ie. erosion control blankets with anchors, 3-inches minimum of straw mulch, 6 mil HDPE plastic sheet, etc.) shall be in place over all disturbed soil areas until April 30th. To establish an adequate grass stand for controlling erosion by October 15th, it is recommended that seeding and mulching occur by September 1st. Straw mulch, if used, shall not leave any bare ground visible through the straw.
22. Minimum wet weather slope protection. For slopes steeper than 3H:1V but less than 2H:1V, use Tensar/North American Green Type S150 erosion control blanket. For slopes 2H:1V or steeper, use Tensar/North American Green Type SC150 erosion control blanket. Use a minimum of 2-inches straw mulch or Tensar/North American Green Type S150 for slopes flatter than 3H:1V. Slope protection shall be placed on all disturbed areas immediately after completion of each section of construction activity, until the erosion control seeding has been established. As an option during temporary or seasonal work stoppages, a 6-mil HDPE plastic sheet may be placed on exposed slopes. The plastic sheet shall be provided with an anchor trench at the top and bottom of the slope, and shall be sandbagged on the slopes as required to prevent damage or displacement by wind.
23. Permanent erosion control vegetation on all embankments and disturbed areas shall be re-established as soon as construction is completed.
24. Soil preparation. Topsoil should be prepared according to landscape plans, if available, or recommendations of grass seed supplier. It is recommended that slopes be textured before seeding by rack walking (ie. driving a crawling tractor up and down the slopes to leave a pattern of cleat imprints parallel to slope contours) or other method to provide stable areas for seeds to rest.
25. When used, hydromulch shall be applied with grass seed at a rate of 2000 lbs. per acre between April 30 and June 10, or between September 1 and October 1. On slopes steeper than 10 percent, hydroseed and mulch shall be applied with a bonding agent (tackifier). Application rate and methodology to be in accordance with seed supplier recommendations.
26. When used in lieu of hydromulch, dry, loose, weed free straw used as mulch shall be applied at a rate of 4000 lbs. per acre (double the hydromulch application requirement). Anchor straw by working in by hand or with equipment (rollers, cleat trackers, etc.). Mulch shall be spread uniformly immediately following seeding.
27. When conditions are not favorable to germination and establishment of the grass seed, the Contractor shall irrigate the seeded and mulched areas as required to establish the grass cover.
28. Seeding. Recommended erosion control grass seed mix is as follows. Dwarf grass mix (low height, low maintenance) consisting of dwarf perennial ryegrass (80 % by weight), creeping red fescue (20 % by weight). Application rate shall be 100 lbs. per acre minimum.
29. Grass seed shall be fertilized at a rate of 10 lbs. per 1000 S.F with 16-16-16 slow release type fertilizer. Development areas within 50 feet of water bodies and wetlands must use a non-phosphorous fertilizer.
30. Prior to starting construction contractor shall acquire the services of a DEQ Certified Erosion and Sediment Control Inspector and shall submit an "Action Plan" to DEQ identifying their names, contact information, training and experience as required in Schedule A.6.b.i-ii of the 1200-C Permit.
31. Contractor shall submit "Notice of Termination" to DEQ to end the 1200-C permit coverage once all soil disturbance activities have been completed and final stabilization of exposed soils has occurred.

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CITY OF FALLS CITY 2022 SRTS IMPROVEMENTS	EROSION CONTROL NOTES						
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VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCURACLY

1" SCALE

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NO. DATE DESCRIPTION REVISIONS

1 1 DATE DESCRIPTION REVISIONS

DATE: 05/20/2022

REVIEW

WESTTECH ENGINEERING, INC. CONSULTING ENGINEERS AND PLANNERS

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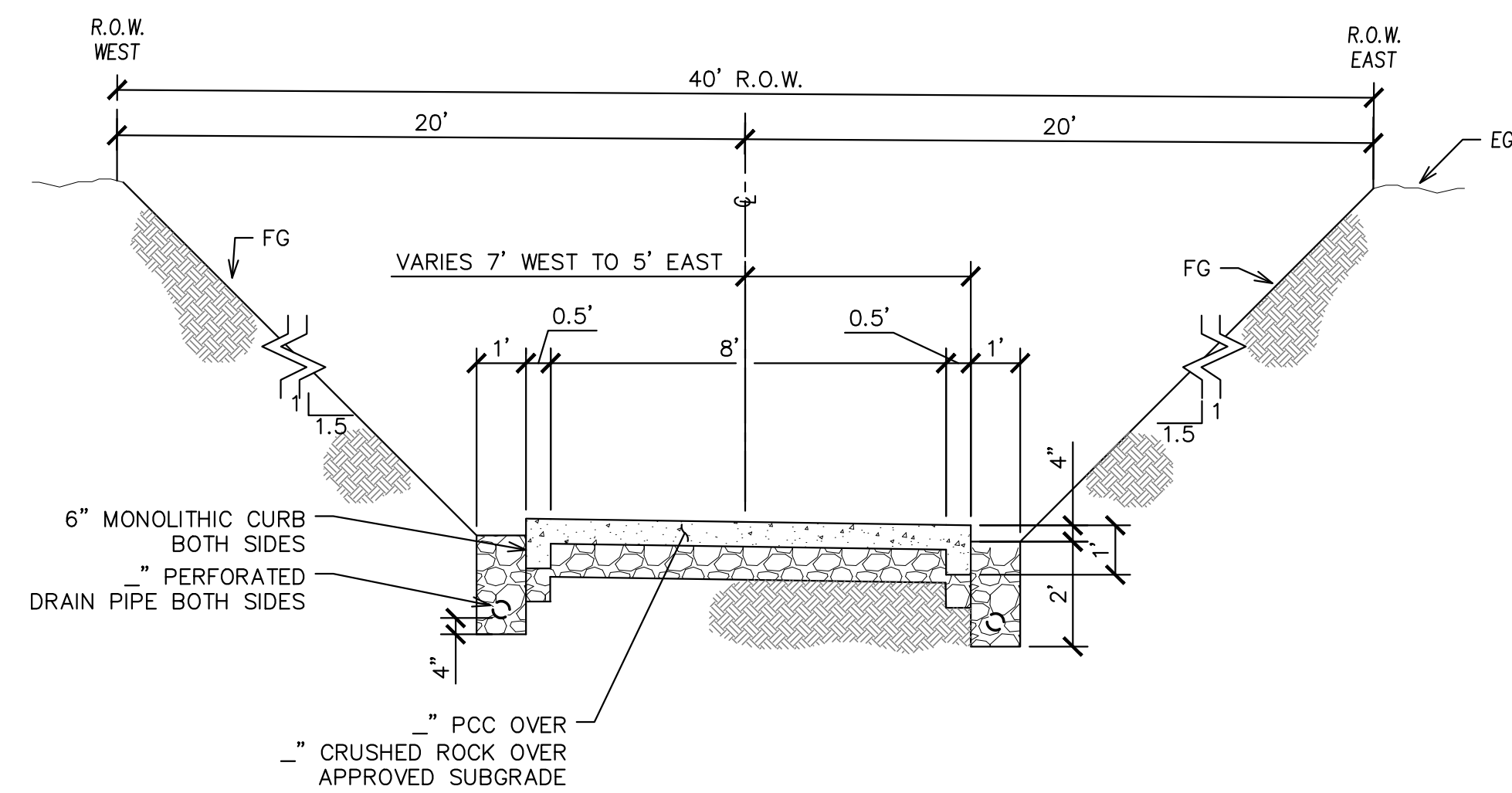
CITY OF FALLS CITY

2022 SRTS IMPROVEMENTS

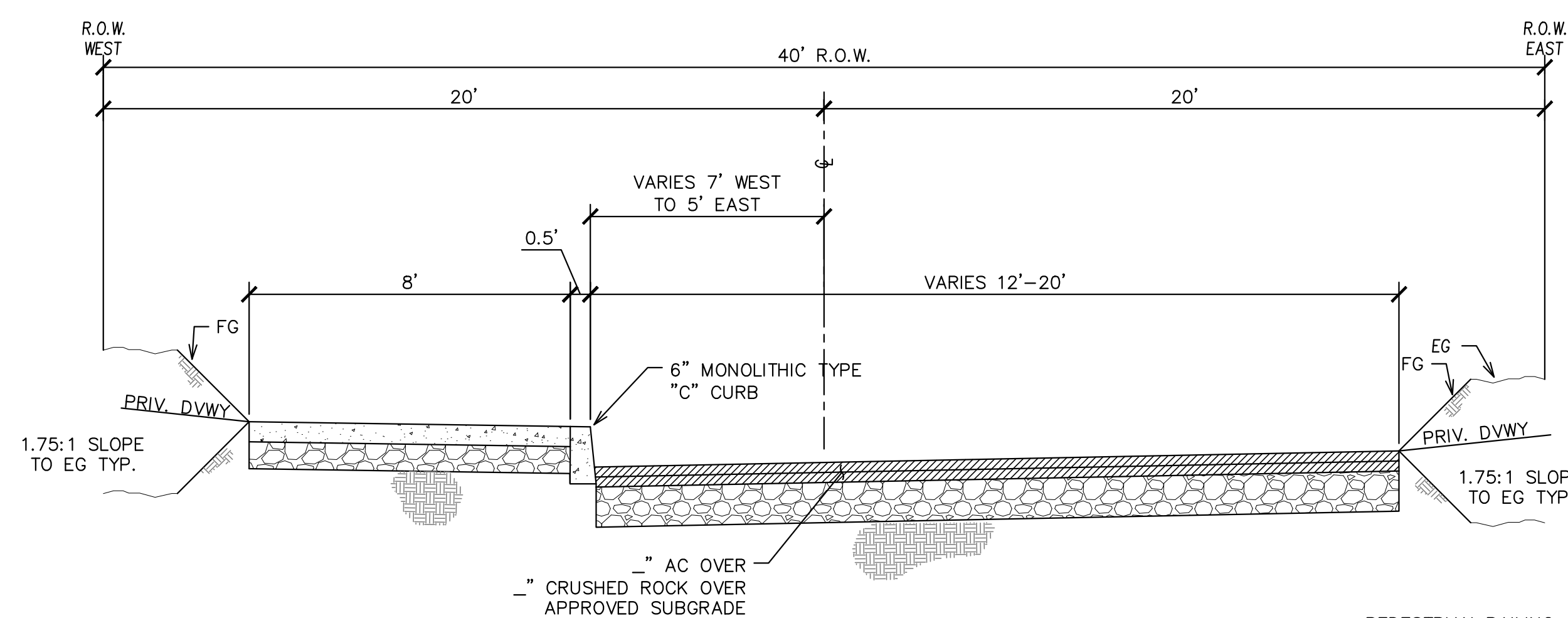
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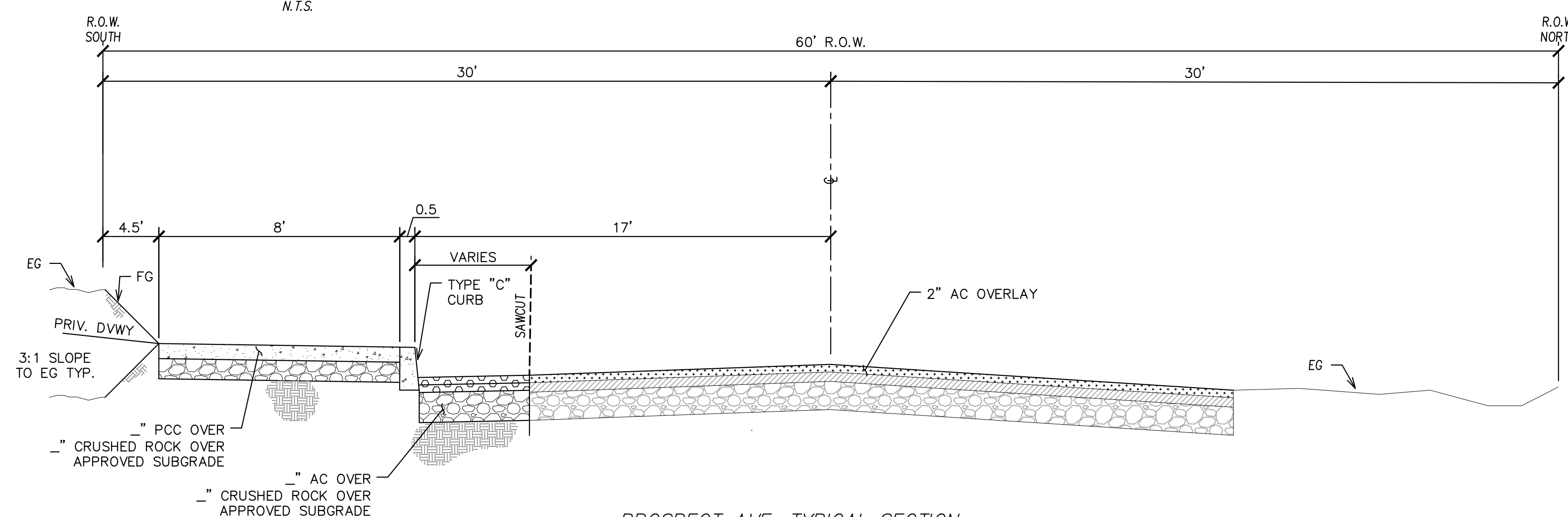
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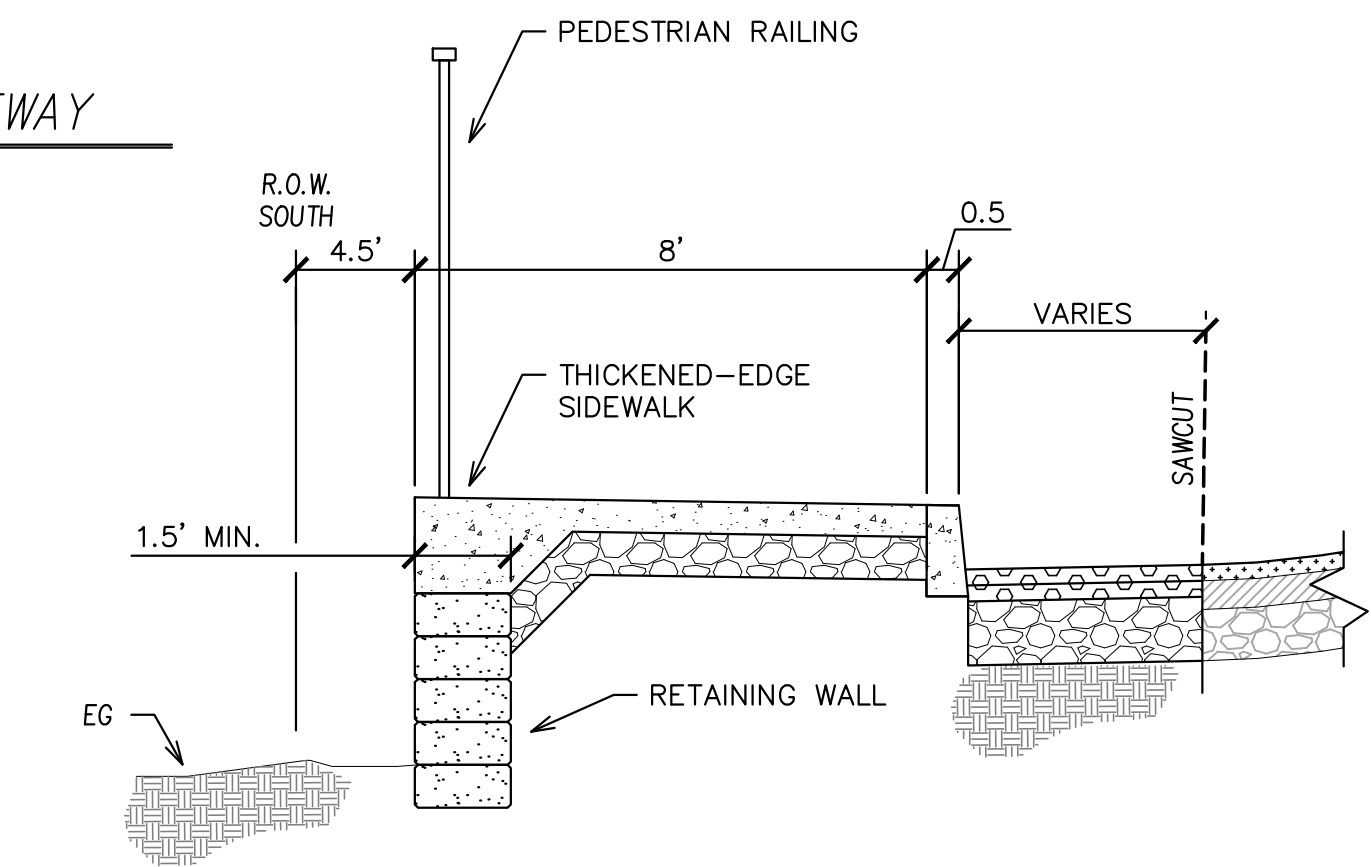
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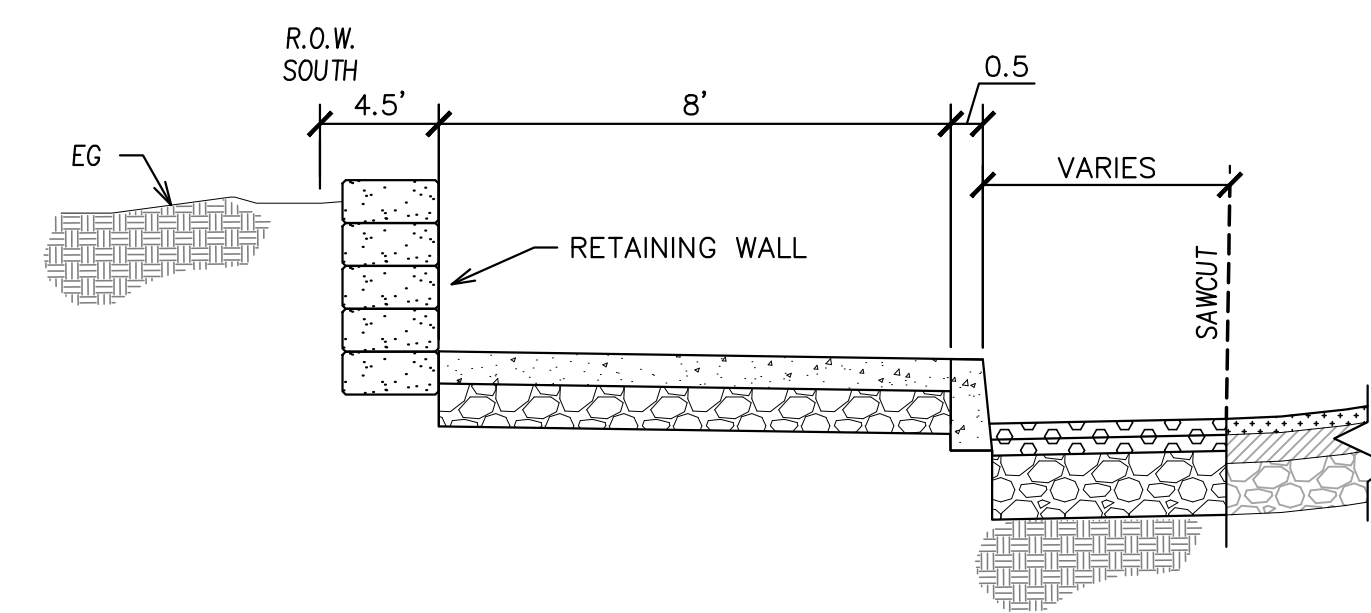
BOUNDARY ST. WITH PAVED DRIVEWAY
N.T.S.



PROSPECT AVE. TYPICAL SECTION
N.T.S.

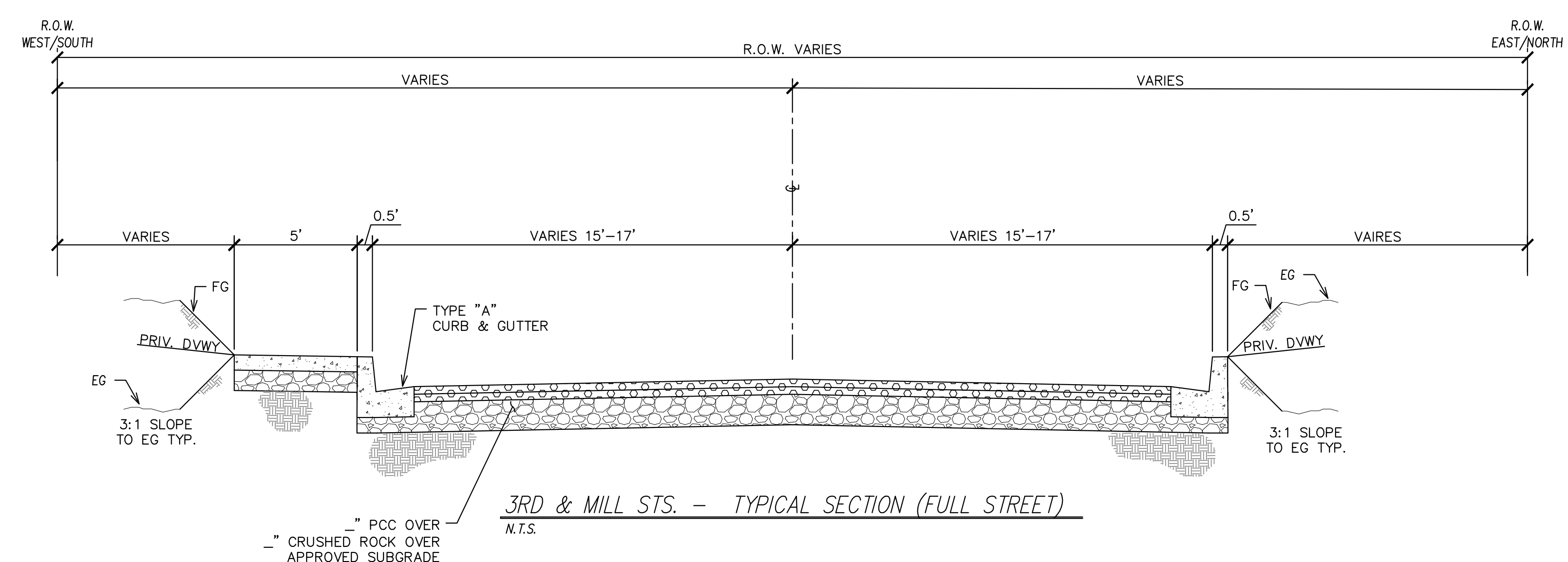


PROSPECT AVE. WITH THICKENED-EDGE SIDEWALK & RETAINING WALL
N.T.S.



PROSPECT AVE. WITH RETAINING WALL
N.T.S.

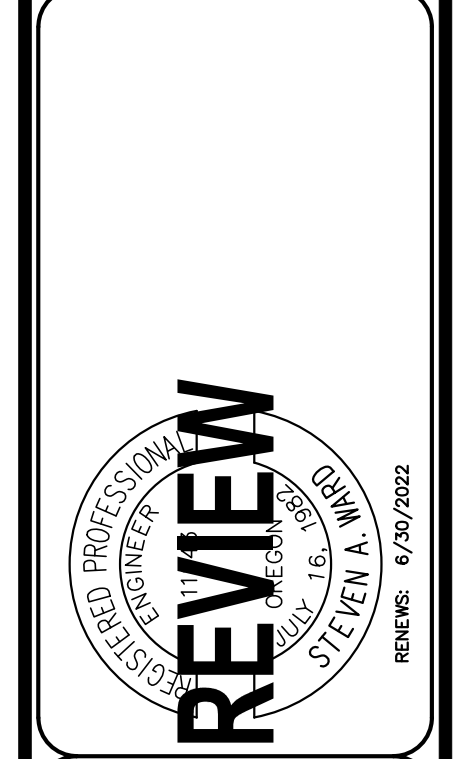
SEE STREET PLANS FOR DRIVEWAY & 0" EXPOSURE CURB LOCATIONS



3RD & MILL STS. - TYPICAL SECTION (FULL STREET)
N.T.S.

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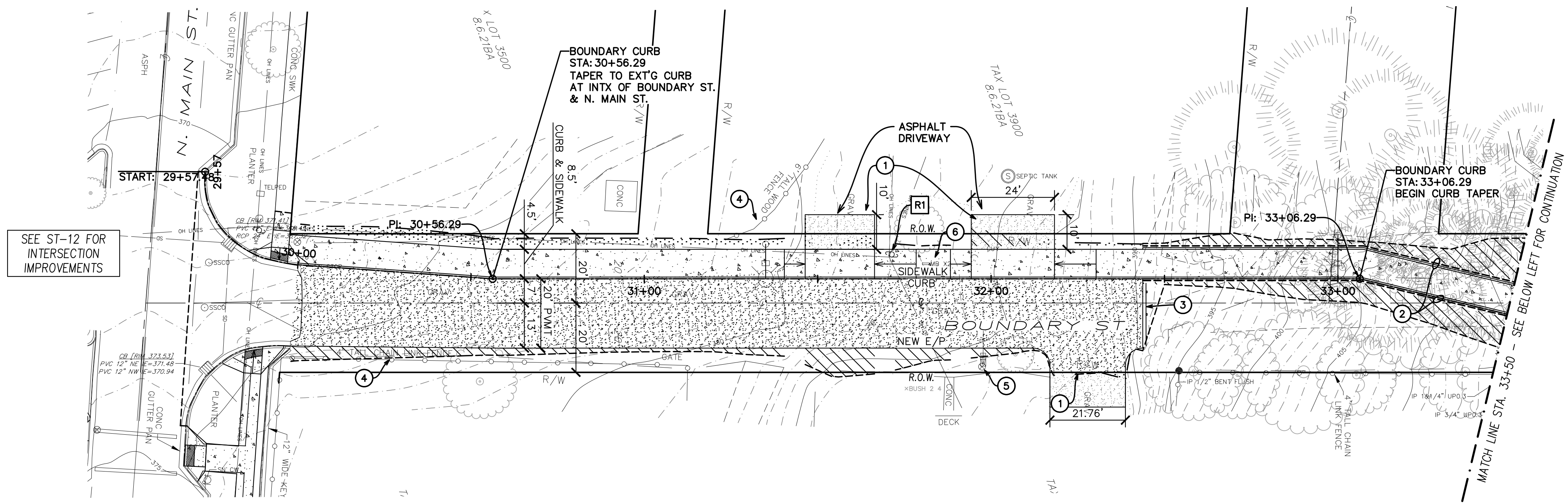
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BAR IS ONE INCH ON ORIGINAL DRAWING	05/20/2022	1		
IF NOT ONE INCH ON SCALES ACCURACELY				
DRN.	CKD.	SW	RS	SW



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Phone: (503) 585-2474 Fax: (503) 585-3966
E-mail: westtech@westtech-eng.com

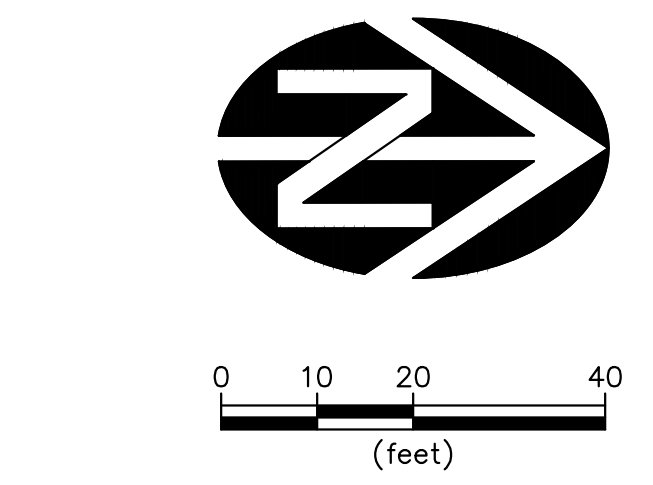
CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
TYPICAL STREET SECTIONS
DRAWING
ST-1
JOB NUMBER
2969.2030

5/27/2022 4:27:21 PM
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BOUNDARY ST. PLAN 30+00 - 33+50
 1" = 20'

SEE ST-3 FOR PROFILE
 OF CURB ALIGNMENT
 FOR BOUNDARY STREET



CALLOUT KEY & LEGEND

	LIMITS OF PROSPECT AVE. 2" OVERLAY
	LIMITS OF PROSPECT AVE. FULL-STREET REPLACEMENT
	AREA/LIMITS OF FILL
	AREA/LIMITS OF CUT
①	REBUILD DRIVEWAY AS NEEDED
②	INSTALL PERFORATED PIPE 6" FROM FACE OF CURBS
③	INSTALL BARRICADE
④	PROTECT FENCE
⑤	PROTECT WATER VALVE AND METER BOXES
⑥	RELOCATE MAILBOXES
R1	REMOVED/RELOCATED BY OTHERS - CONTRACTOR TO COORDINATE

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW

DATE: 05/20/2022

REVIEW
 REGISTERED PROFESSIONAL ENGINEER
 STEVEN H. LEE
 LICENSE NO. 16
 RENEWS: 6/20/2022

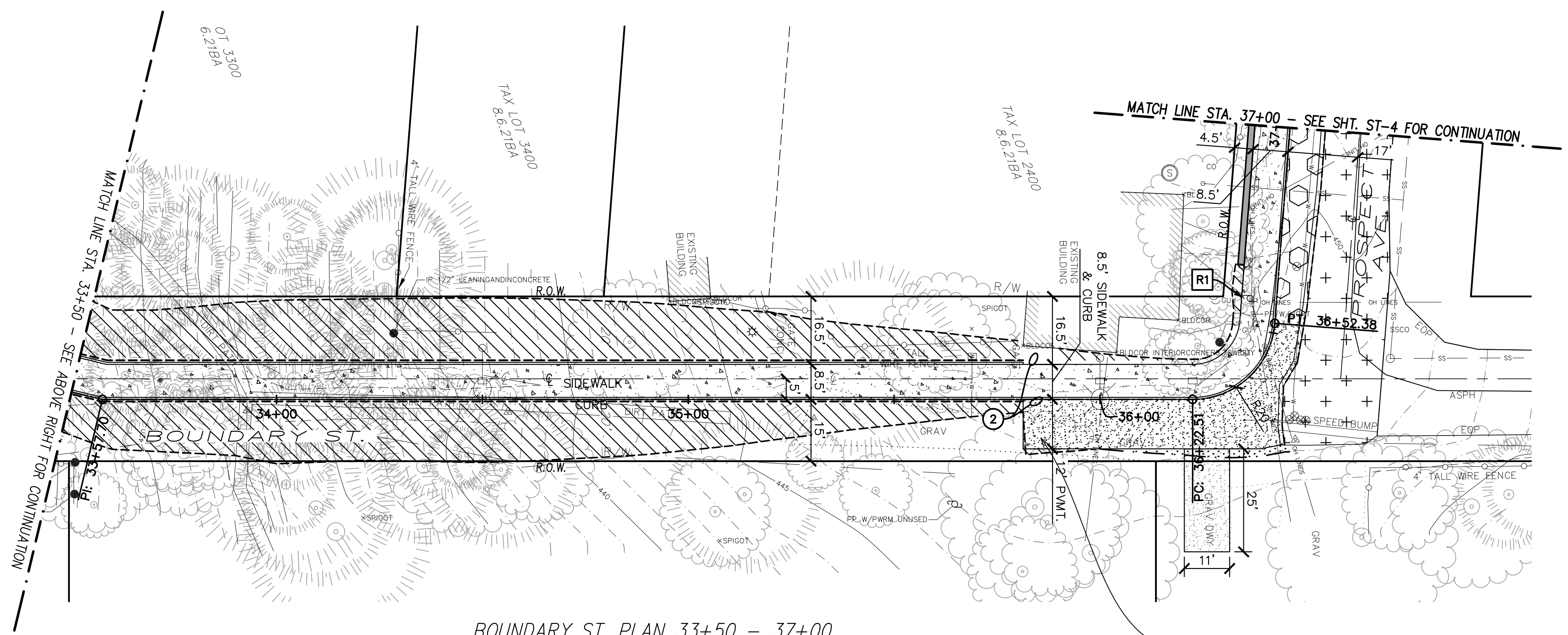
WE
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
BOUNDARY ST. & PROSPECT AVE. - PLAN
 STA. 30+00 - STA. 37+00

DRAWING
ST-2

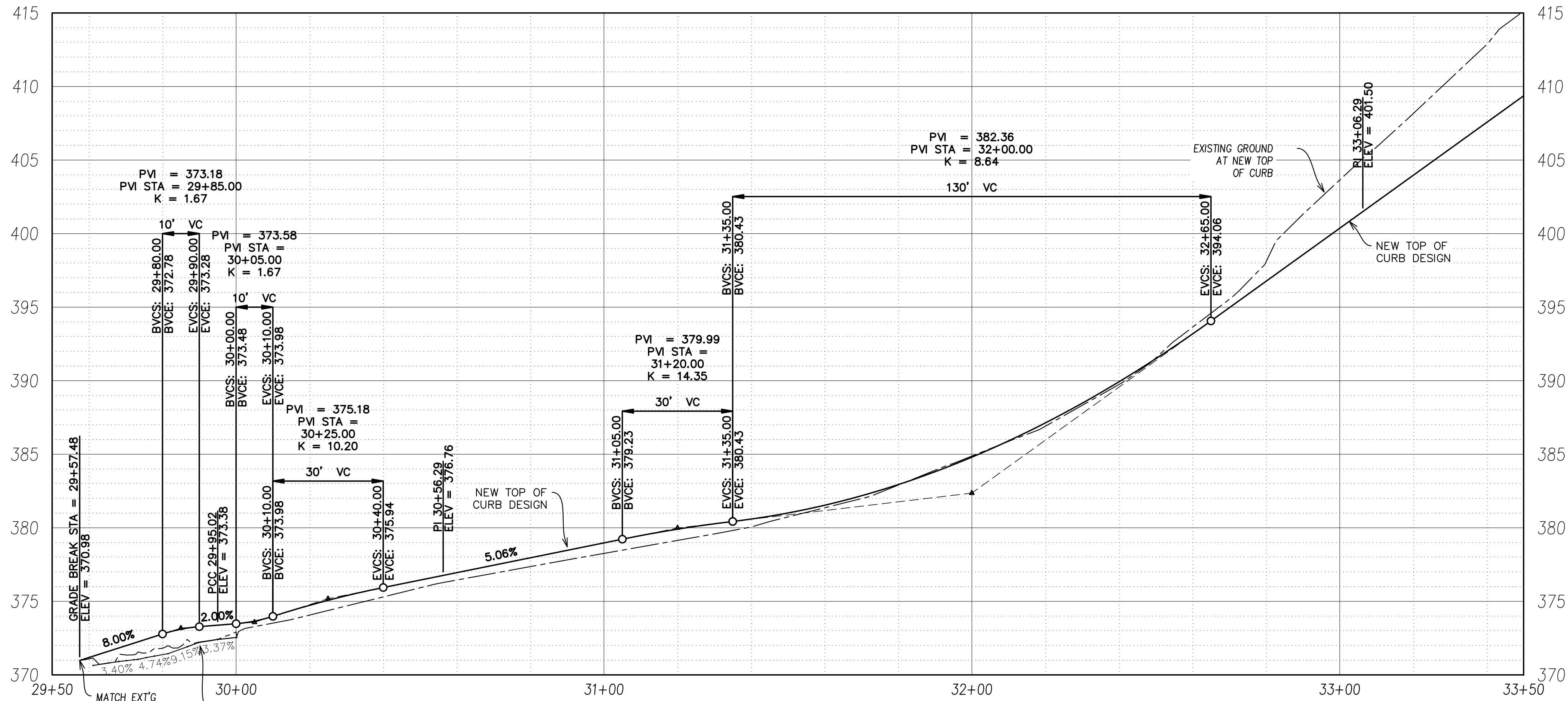
JOB NUMBER
2969.2030



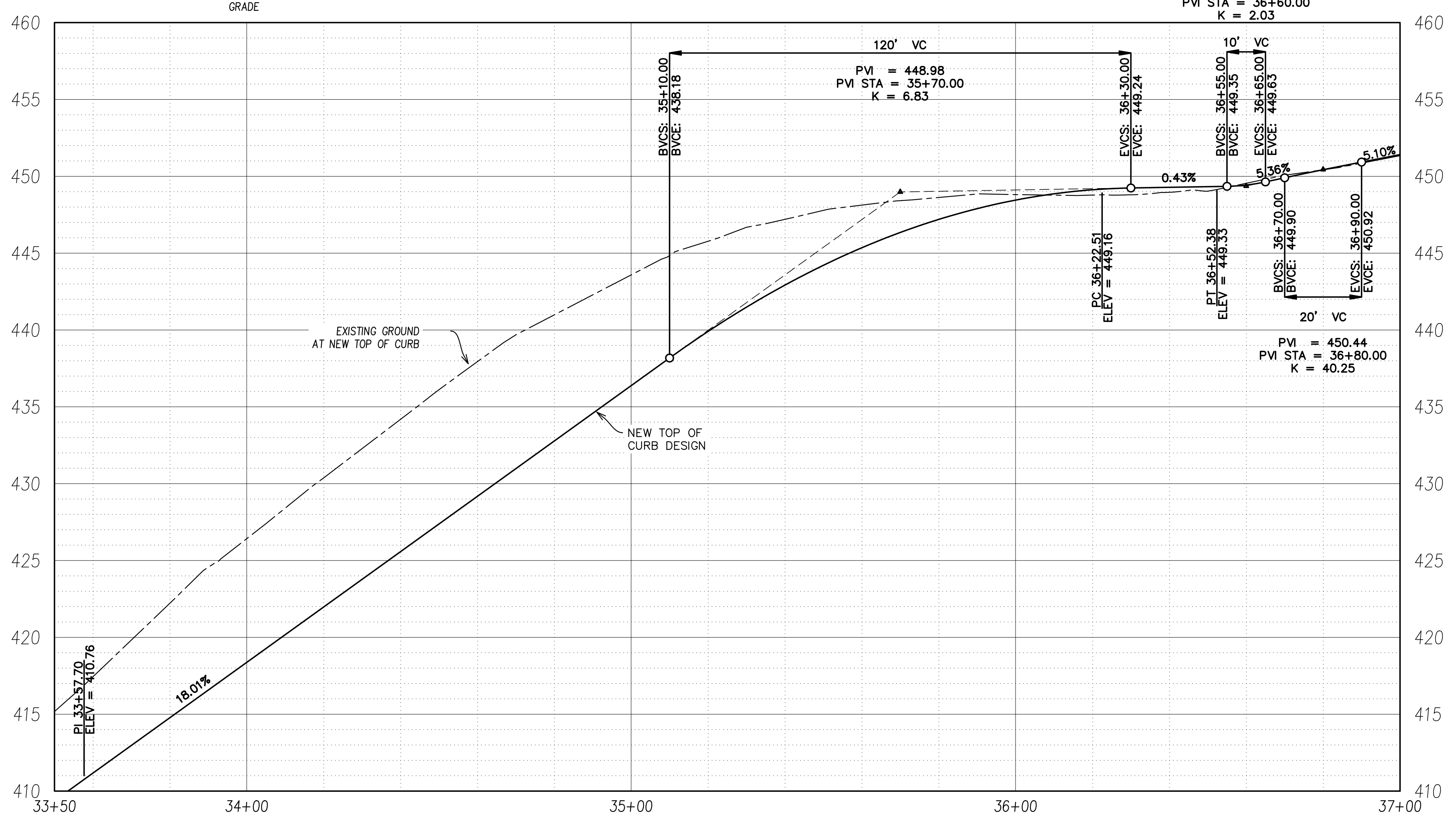
BOUNDARY ST. PLAN 33+50 - 37+00
 1" = 20'

PAVED DWY HERE?

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SEE ST-2 FOR PLAN VIEW OF THESE PROFILES



BOUNDARY ST. PROFILE 10+00 - 13+50
 H: 1" = 20' V: 1" = 5'

BOUNDARY ST. PROFILE 13+50 - END
 H: 1" = 20' V: 1" = 5'

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCORDINGLY	1"
DSN. SW	DRN. RS
CKD. SW	NO. 1
DATE: 05/20/2022	DESCRIPTION
BY	REVISIONS

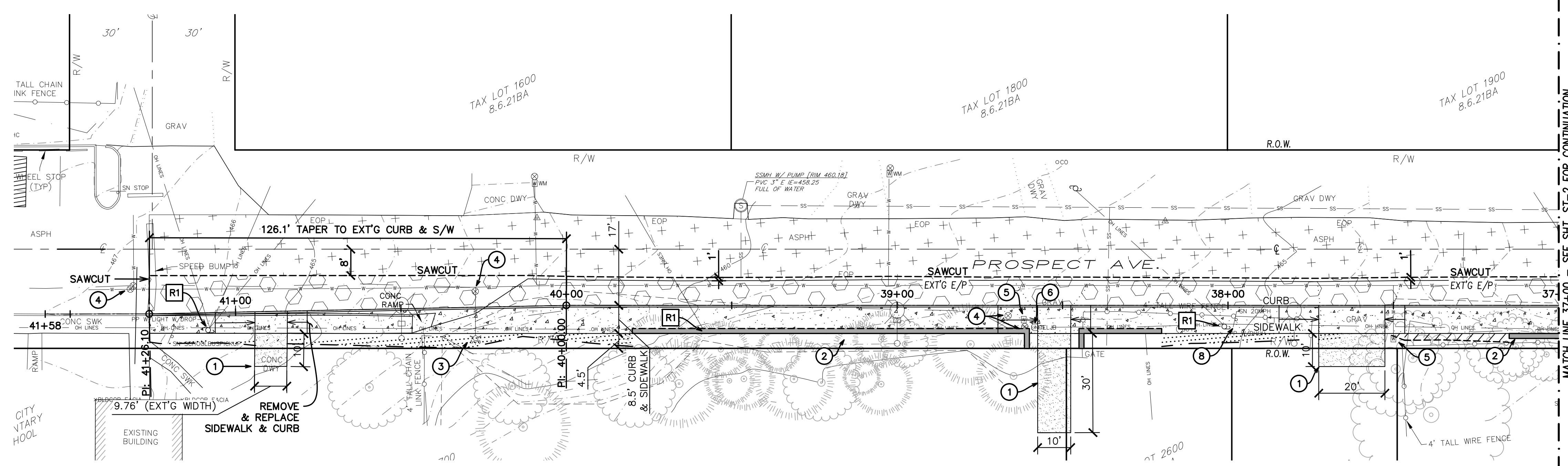
REVIEW
 STEVEN N. KELLY
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 No. 16
 STATE OF OREGON
 EXPIRES: 6/30/2022

WESTTECH ENGINEERING, INC.
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 BOUNDARY ST & PROSPECT AVE. - PROFILE STA. 30+00 - STA. 37+00

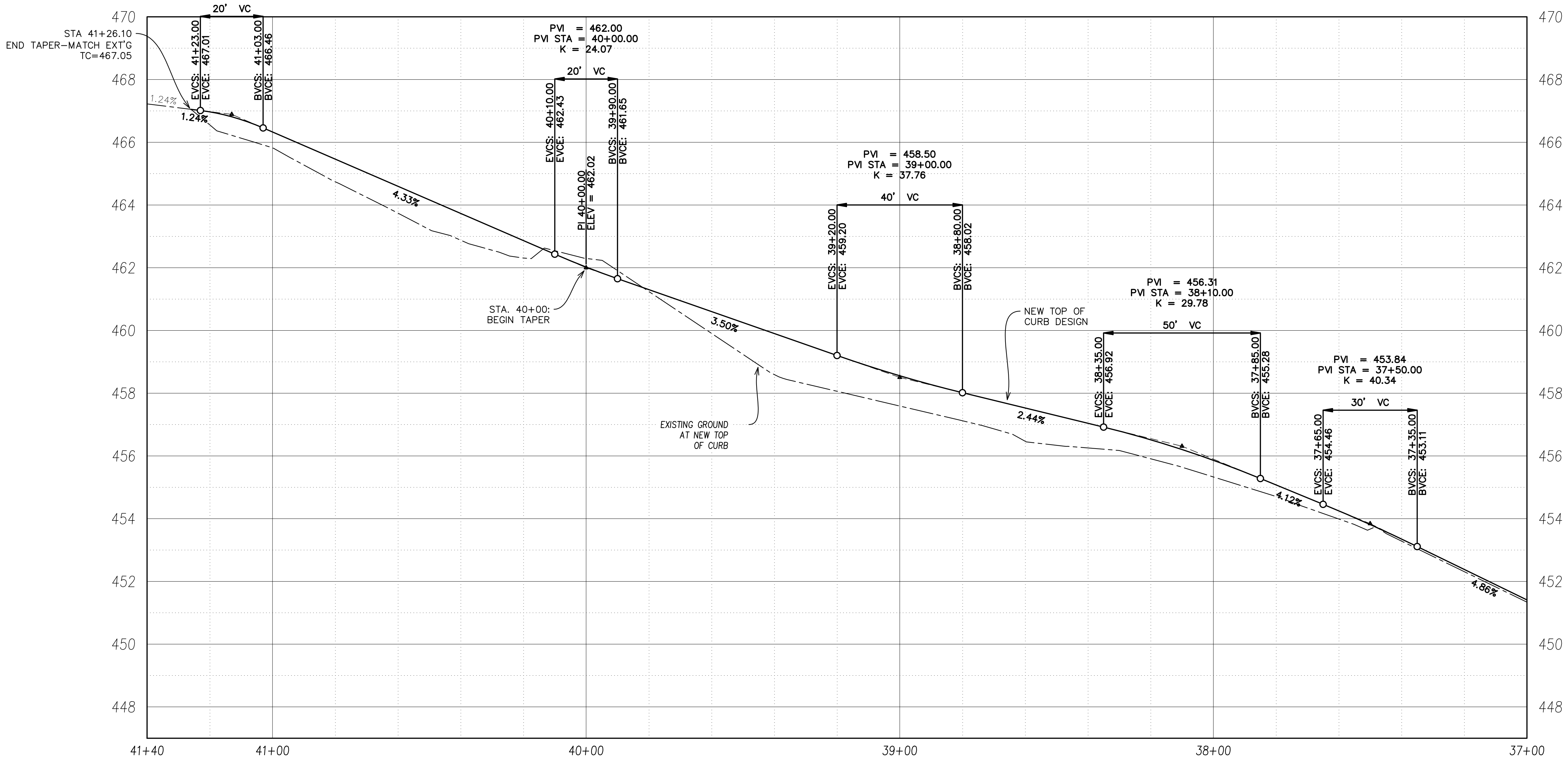
DRAWING
ST-3

JOB NUMBER
 2969.2030

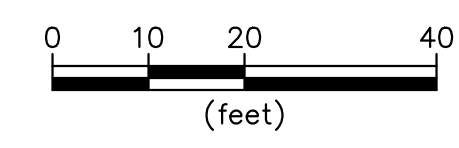


PVI = 466.89
 PVI STA = 41+13.00
 K = 6.47

PROSPECT AVE. PLAN STA. 37+00 - END
 1" = 20'



PROSPECT AVE PROFILE STA. 37+00 - END
 H: 1" = 20' V: 1" = 2'

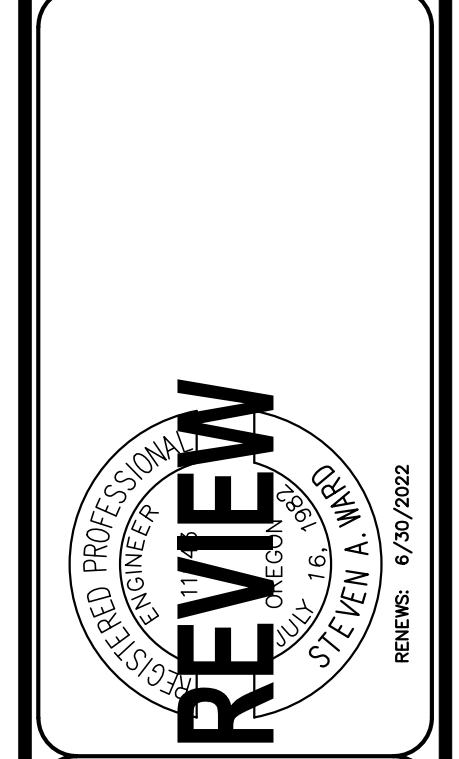


CALLOUT KEY & LEGEND

- LIMITS OF PROSPECT AVE. 2" OVERLAY
- LIMITS OF PROSPECT AVE. FULL-STREET REPLACEMENT
- AREA/LIMITS OF FILL
- AREA/LIMITS OF CUT
- ① REBUILD DRIVEWAY AS NEEDED
- ② RETAINING WALL
- ③ ADJUST FIRE HYDRANT TO FINISHED GRADE
- ④ ADJUST VALVE TO FINISHED GRADE
- ⑤ ADJUST WATER METER TO FINISHED GRADE
- ⑥ TELEPHONE PEDESTAL-
- ⑦ PROTECT EXISTING FENCE
- ⑧ RELOCATE EXISTING SIGN
- R1 POWER POLE REMOVED/RELOCATED BY OTHERS - CONTRACTOR TO COORDINATE

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY



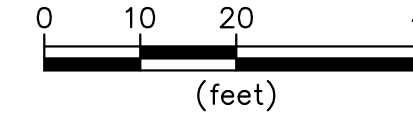
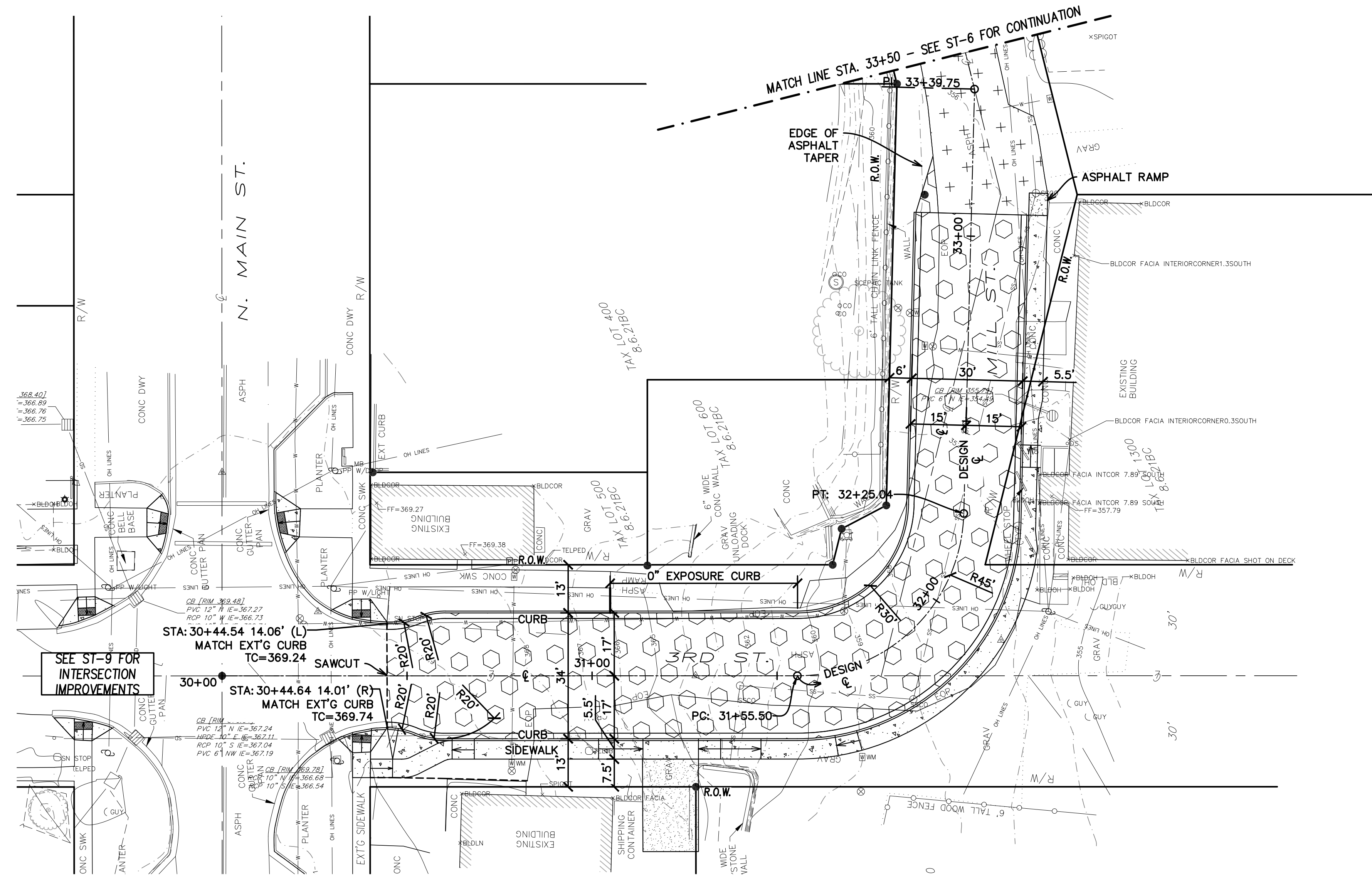
WESTTECH ENGINEERING, INC.
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
BOUNDARY ST. & PROSPECT AVE. - PLAN & PROFILE
 STA. 37+00 - END

DRAWING
ST-4

JOB NUMBER
2969.2030

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LEGEND

	LIMITS OF MILL ST. OVERLAY
	LIMITS OF FULL-STREET REPLACEMENT
	AREA/LIMITS OF FILL
	AREA/LIMITS OF CUT

NO.	DATE	DESCRIPTION	BY
1	05/2022		

VERIFY SCALE
 1" = 100'
 0 10 20 30 40
 IF NOT ONE INCH ON ORIGINAL DRAWING SCALES ACCURATELY

PROFESSIONAL ENGINEER
REVIEW
 REGISTERED PROFESSIONAL ENGINEER
 STEVEN H. VAUGHN
 16/06/2022
 6/20/2022

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WE

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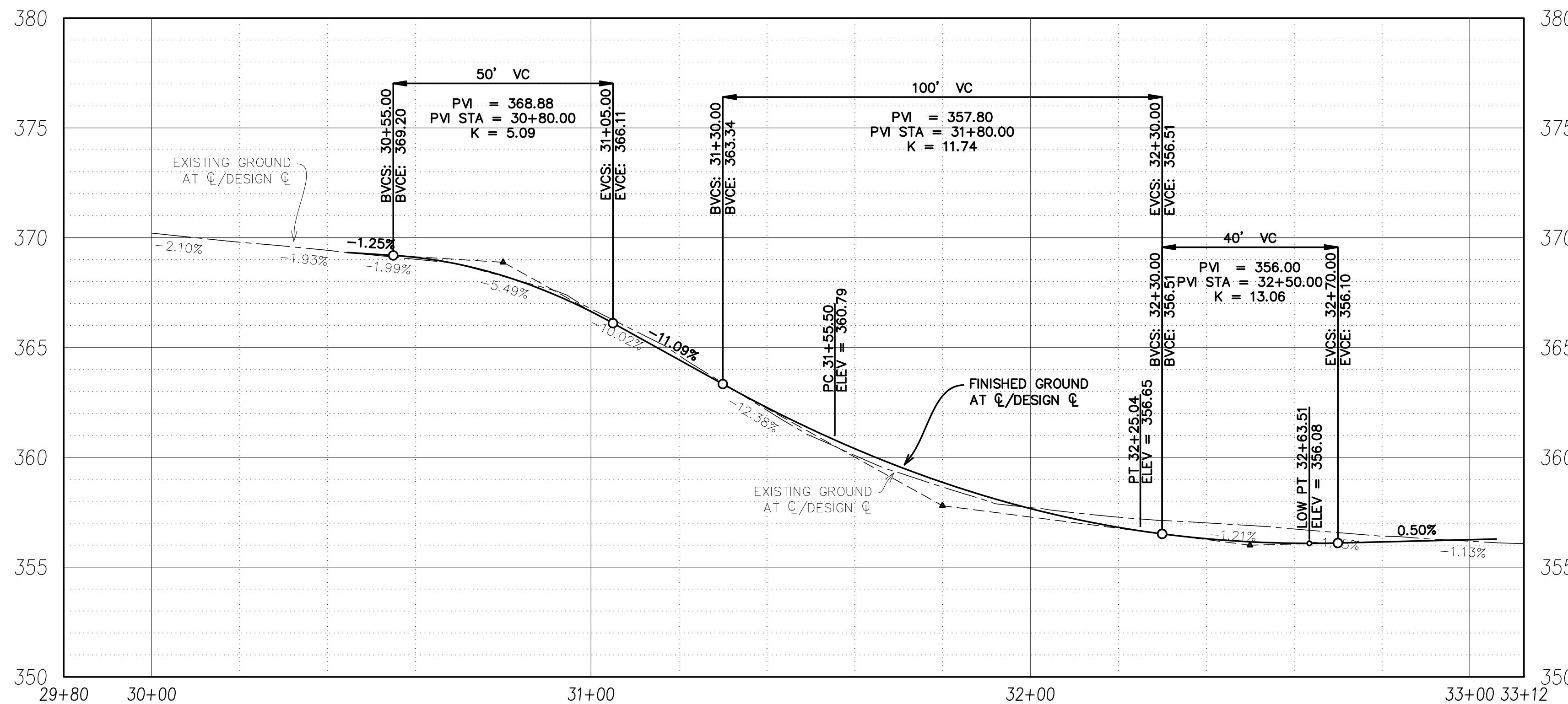
CITY OF FALLS CITY

2022 SRTS IMPROVEMENTS

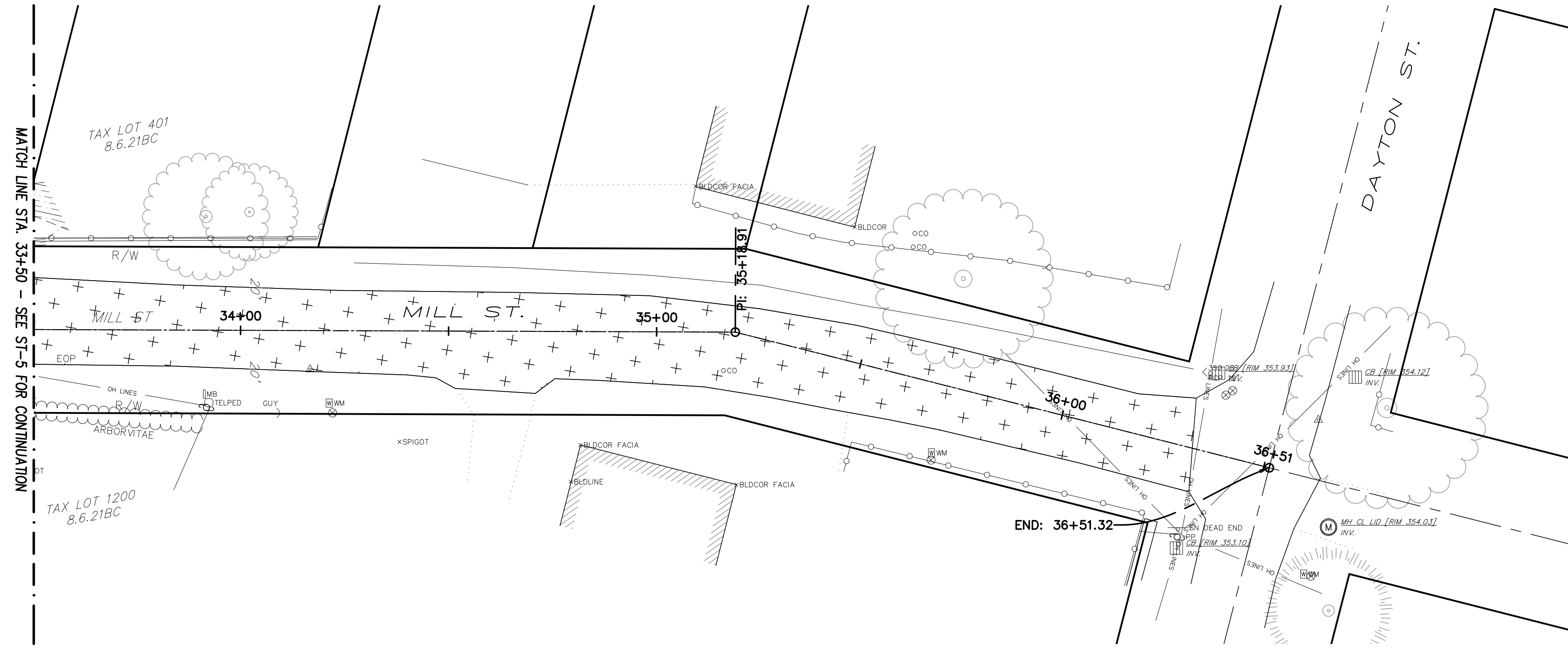
**3RD AND MILL STREETS –
 PLAN & PROFILE STA. 30+00
 – STA. 33+50**

DRAWING
ST-5

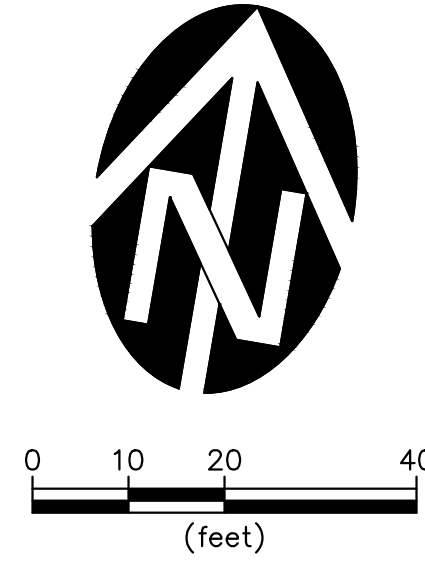
JOB NUMBER
 2969.2030



3RD/MILL ST. PROFILE
 H: 1" = 20' V: 1" = 4'



MILL ST. PLAN 33+50 - 36+51
 H: 1" = 20'



LEGEND

LIMITS OF MILL ST. OVERLAY

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW
 DATE: 05/20/22

REVIEW

REGISTERED PROFESSIONAL ENGINEER
 STEVEN N. GUY
 LICENSE NO. 16,000
 OREGON
 REVISIONS: 6/20/2022

WE

WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

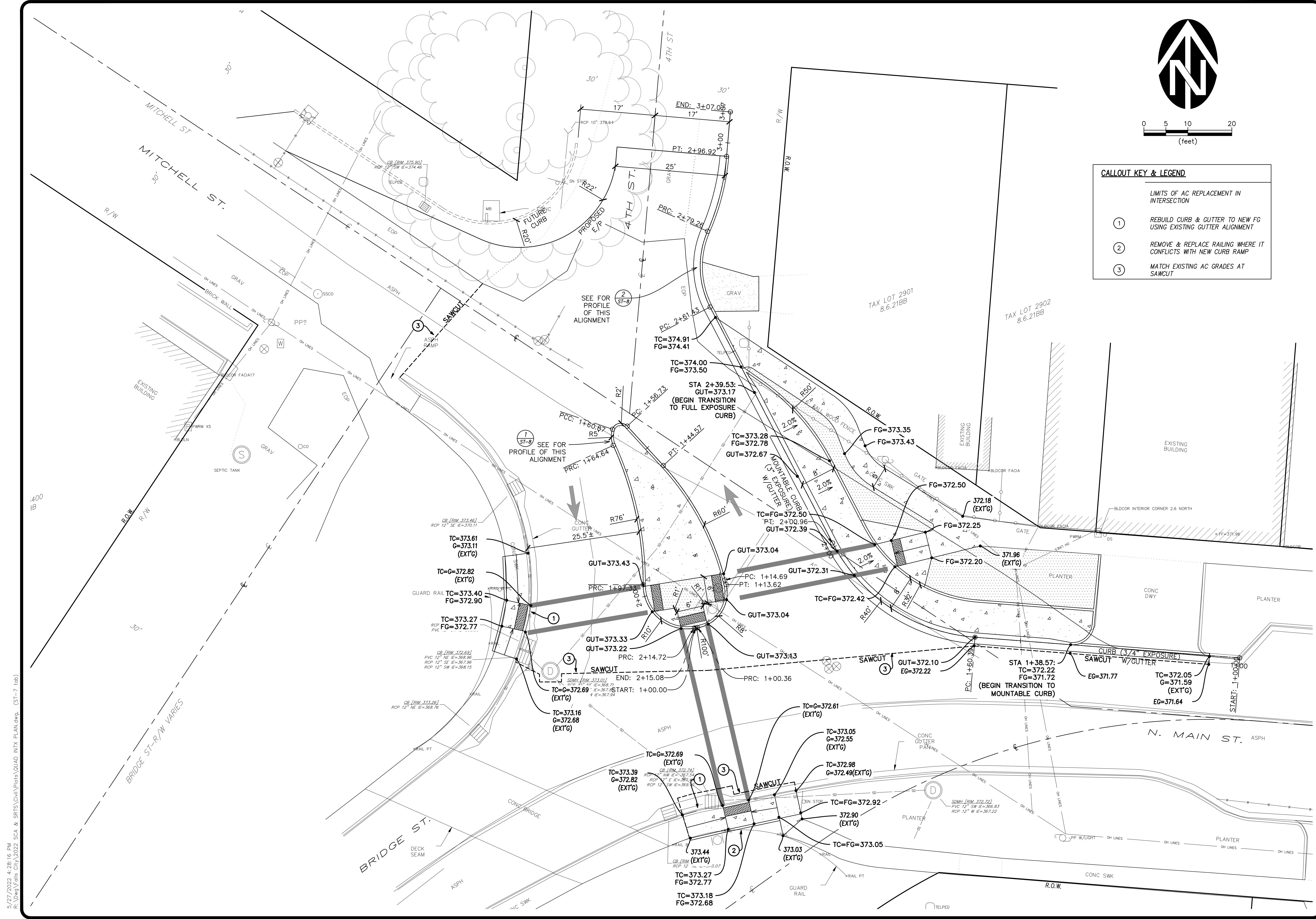
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

MILL ST. PLAN - STA. 33+50
 - STA. 36+51

DRAWING
ST-6

JOB NUMBER
 2969.2030



CALLOUT KEY & LEGEND

LIMITS OF AC REPLACEMENT IN INTERSECTION

①	REBUILD CURB & GUTTER TO NEW FG USING EXISTING GUTTER ALIGNMENT
②	REMOVE & REPLACE RAILING WHERE IT CONFLICTS WITH NEW CURB RAMP
③	MATCH EXISTING AC GRADES AT SAWCUT

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACELY

DSN. SW
 DRN. RS
 CKD. SW
 DATE: 05/20/2022



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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

**N. MAIN ST. & BRIDGE STREET
 - INTERSECTION PLAN**

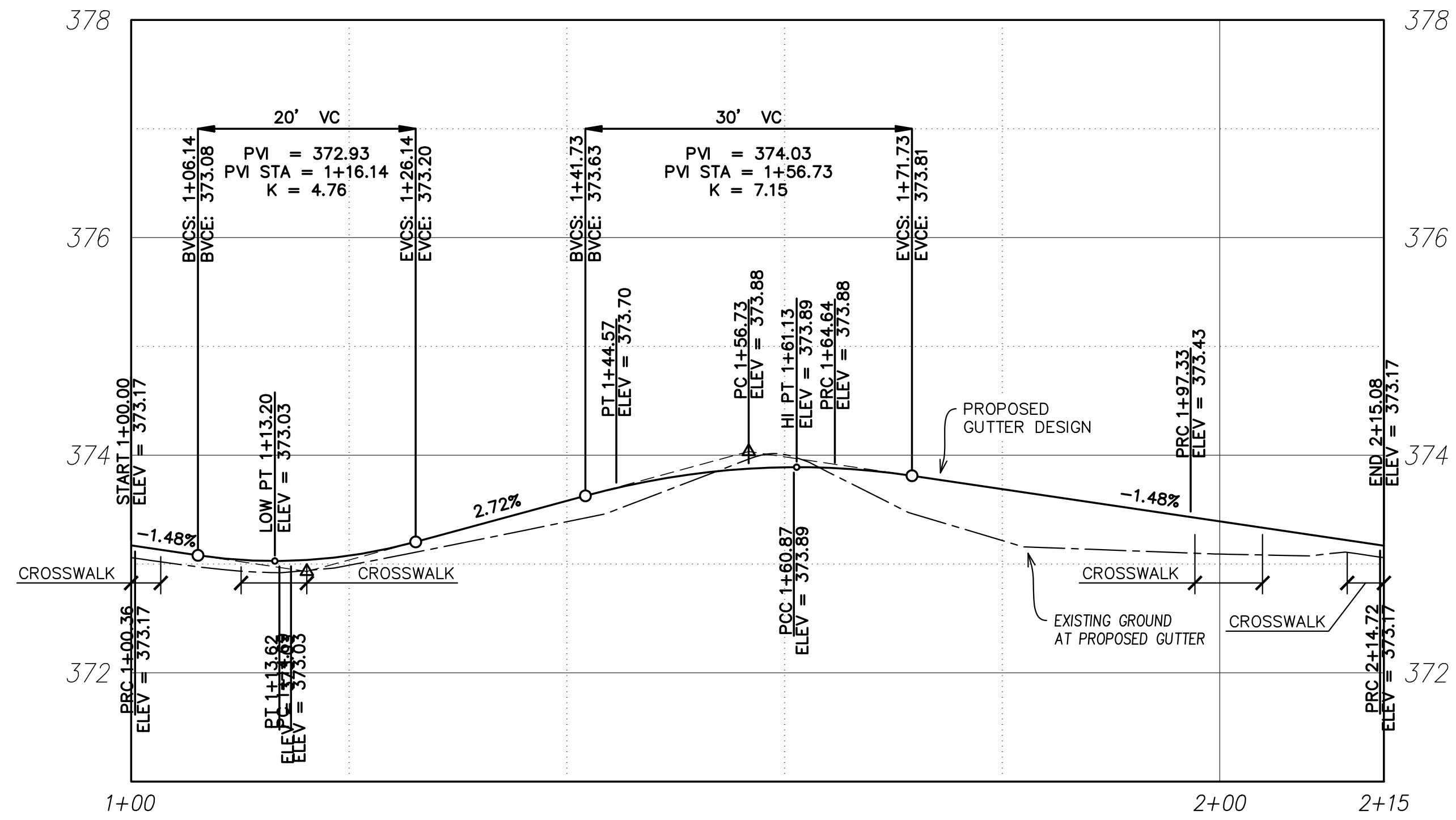
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JOB NUMBER
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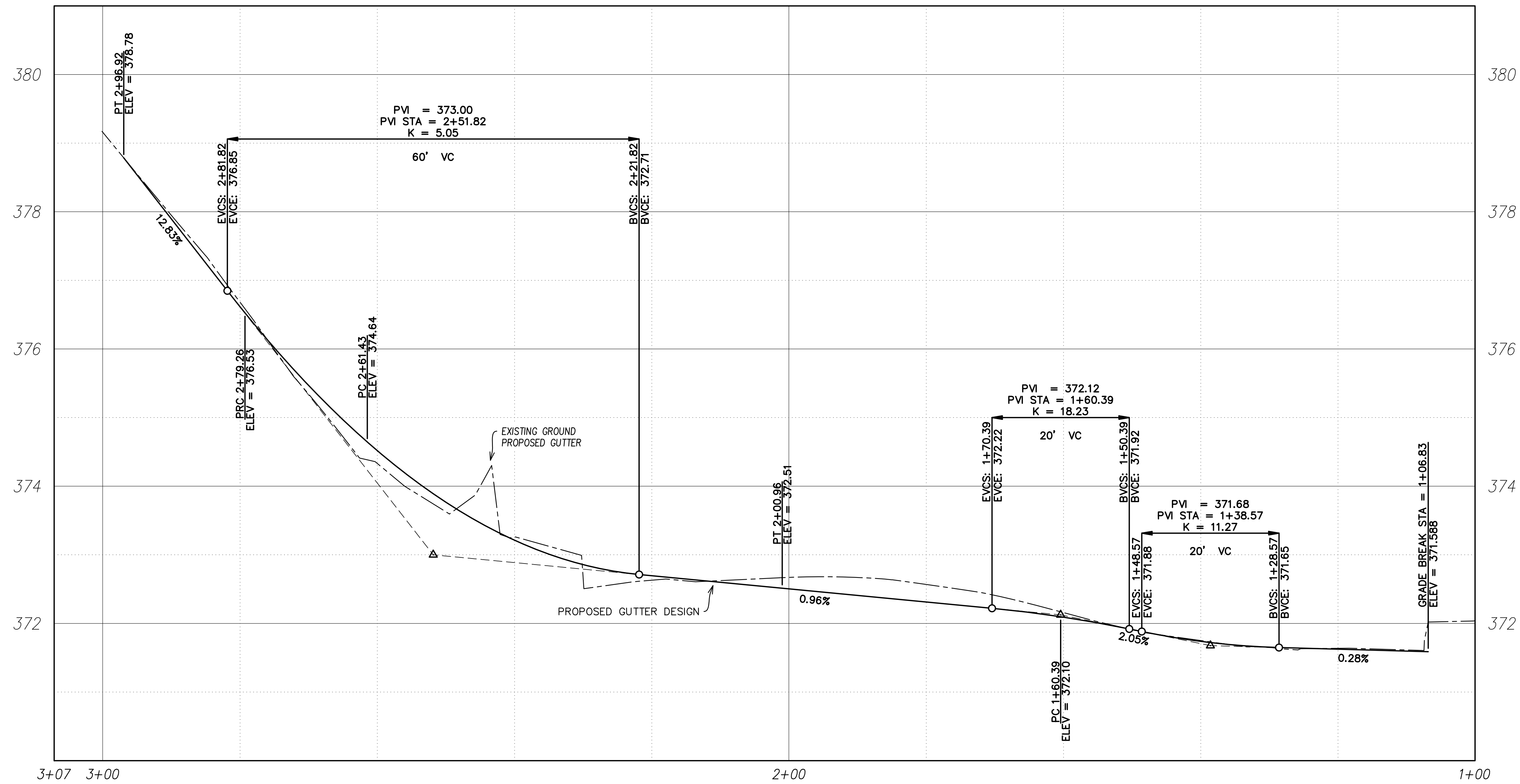
Page 35

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SEE ST-7 FOR PLAN VIEW OF THESE PROFILES



1 INTERSECTION - CURB ISLAND PROFILE
ST-8 H: 1" = 10' V: 1" = 1'



2 INTERSECTION - EAST CURB PROFILE
ST-8 H: 1" = 10' V: 1" = 1'

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NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON SCALES ACCORDINGLY

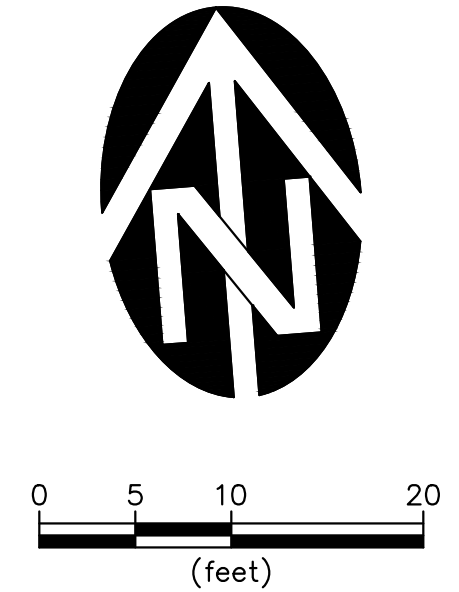
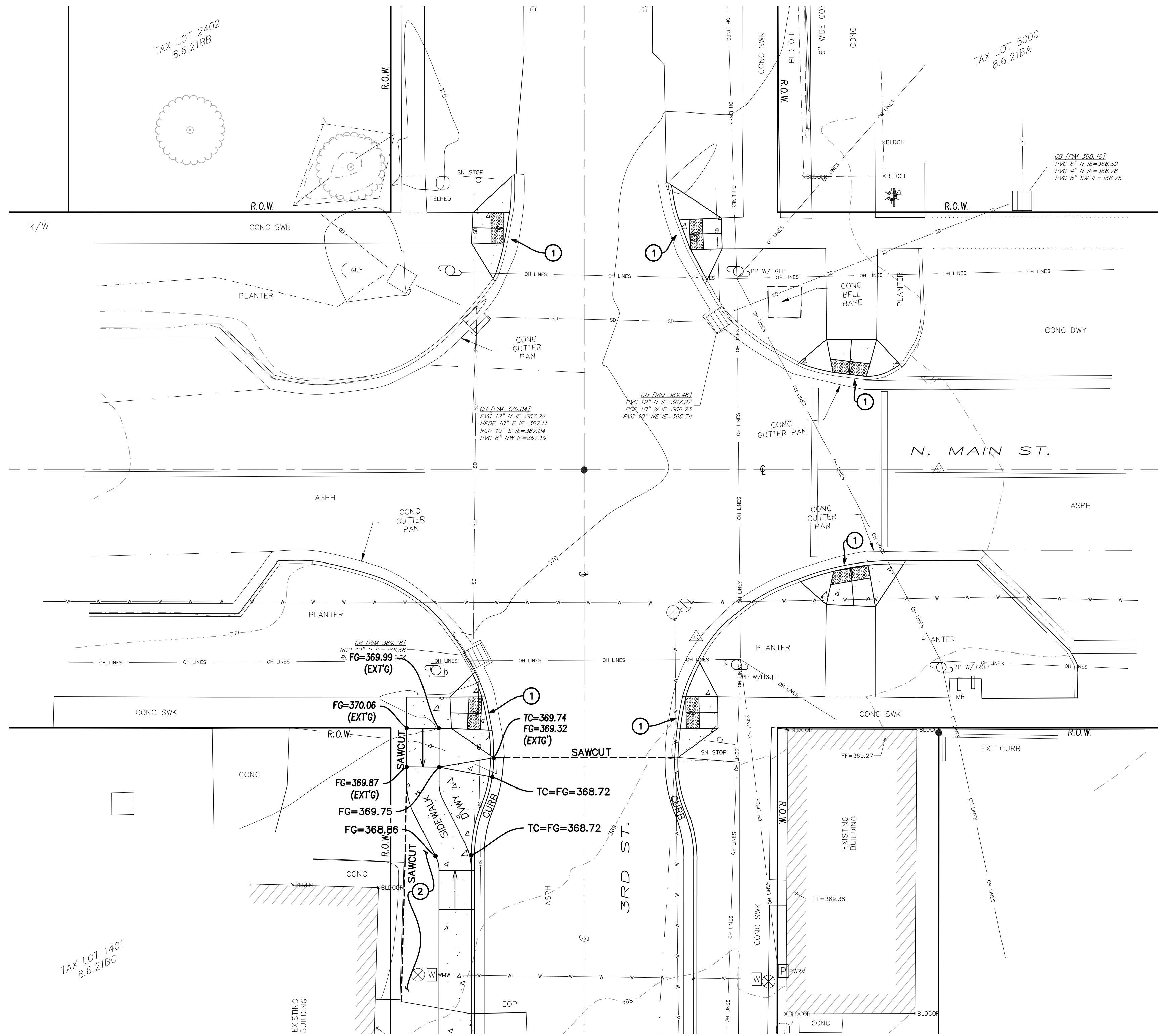
DSN. SW
DRN. RS
CKD. SW
DATE: 05/20/2022



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E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
N. MAIN ST. & BRIDGE STREET
- INTERSECTION PROFILES

DRAWING
ST-8
JOB NUMBER
2969.2030



CALLOUT KEY & LEGEND

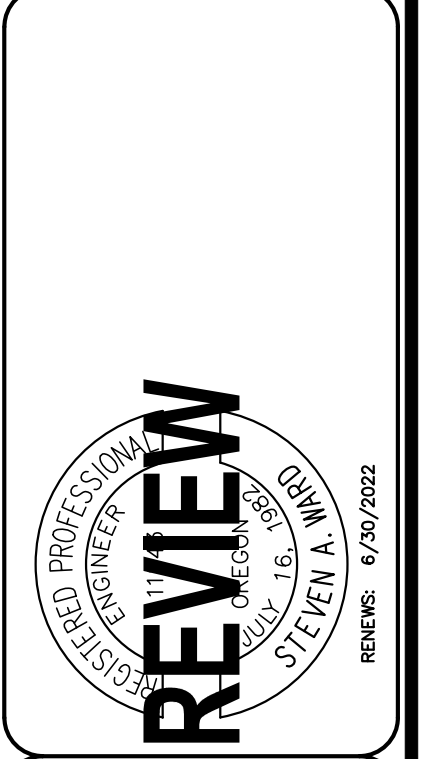
① REPLACE EXISTING CURB RAMP WITH NEW PCC AND NEW TRUNCATED DOMES AS SHOWN. USE EXISTING CURB RAMP GRADES & EXISTING CURB ALIGNMENTS.

② REMOVE & REPLACE EXISTING AC IN THIS AREA.

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DATE: 05/20/2022



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 E-mail: westtech@westtech-eng.com

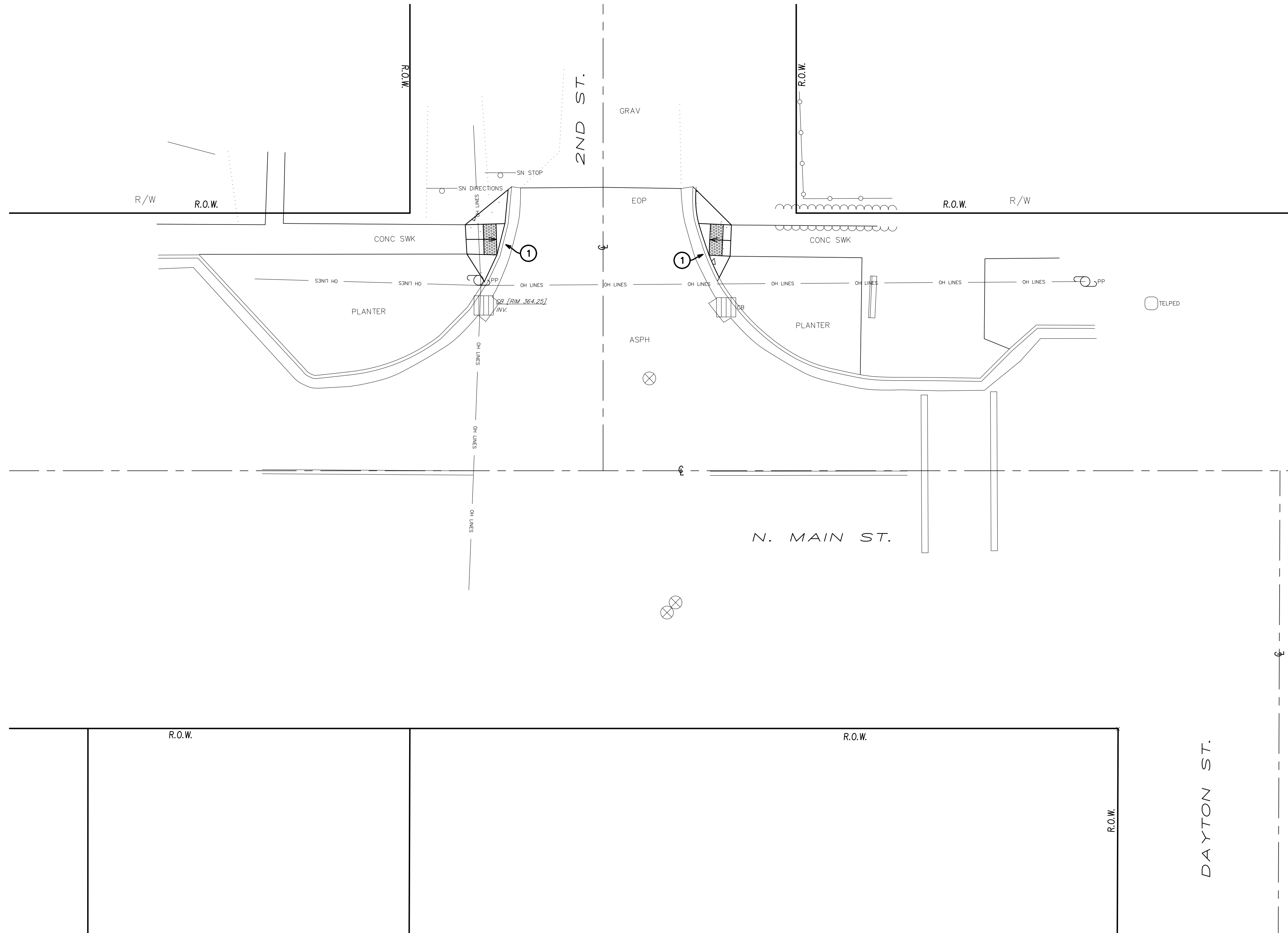
CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

N. MAIN ST. & 3RD ST. -
 INTERSECTION PLAN

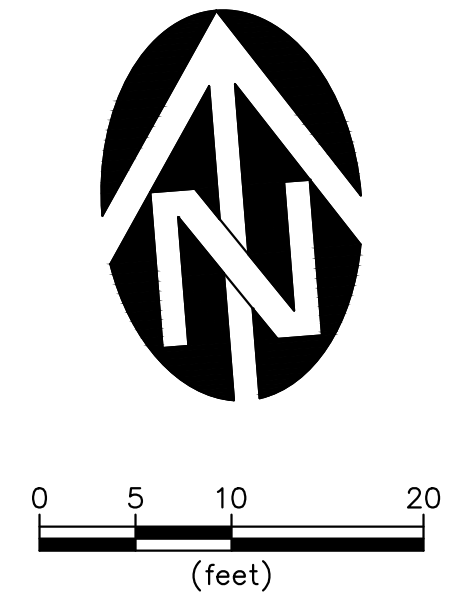
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 ST-9

JOB NUMBER
 2969.2030

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N. MAIN ST. & 2ND ST. - INTERSECTION PLAN
 1" = 10'



CALLOUT KEY & LEGEND

① REPLACE EXISTING CURB RAMPS WITH NEW PCC AND NEW TRUNCATED DOMES AS SHOWN. USE EXISTING CURB RAMP GRADES & EXISTING CURB ALIGNMENTS.

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DATE: 05/20/2022

DSN. SW
 DRN. RS
 CKD. SW



WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

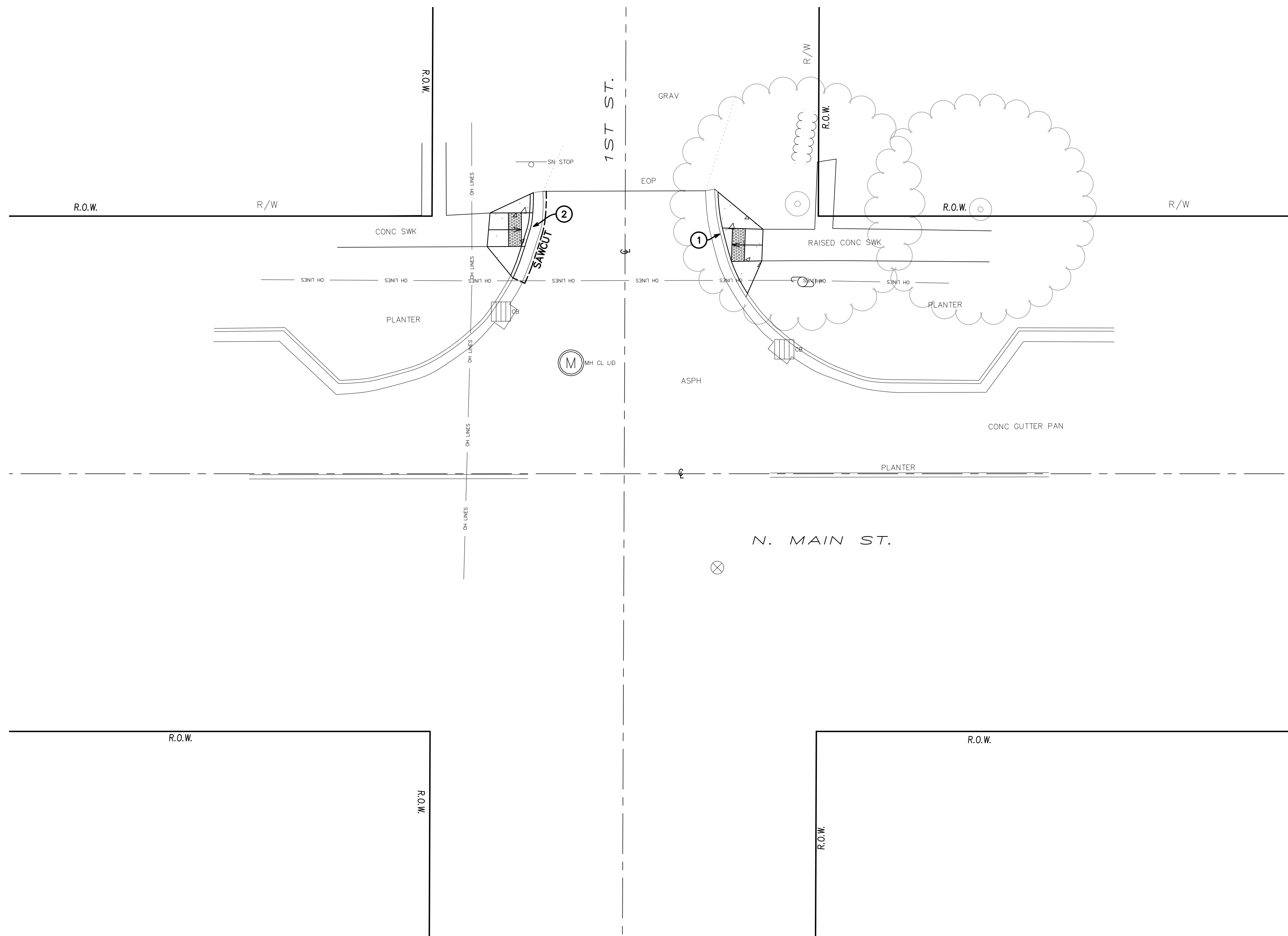
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 Phone: (503) 585-2474 Fax: (503) 585-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

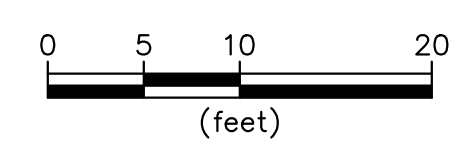
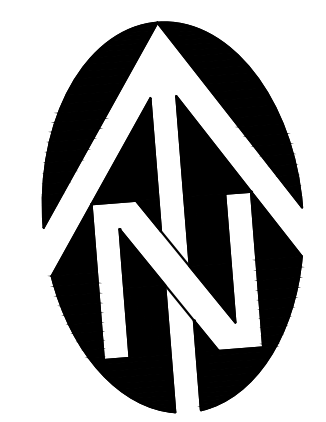
N. MAIN ST. & 2ND ST. - INTERSECTION PLAN

DRAWING
ST-10

JOB NUMBER
2969.2030



N. MAIN ST. & 1ST ST.-INTERSECTION PLAN
 1" = 10'



CALLOUT KEY & LEGEND

① REPLACE EXISTING CURB RAMPS WITH NEW PCC AND NEW TRUNCATED DOMES AS SHOWN. USE EXISTING CURB RAMP GRADES & EXISTING CURB ALIGNMENTS.

② REPLACE EXISTING CURB USING EXISTING GRADES AND EXISTING CURB ALIGNMENTS. REPLACE EXISTING CURB RAMPS WITH NEW PCC & TRUNCATED DOMES, USING EXISTING GRADES.

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DSN. SW
 DRN. RS
 CKD. SW

DATE: 05/20/2022



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 Phone: (503) 565-2474 Fax: (503) 565-3966
 E-mail: westtech@westtech-eng.com

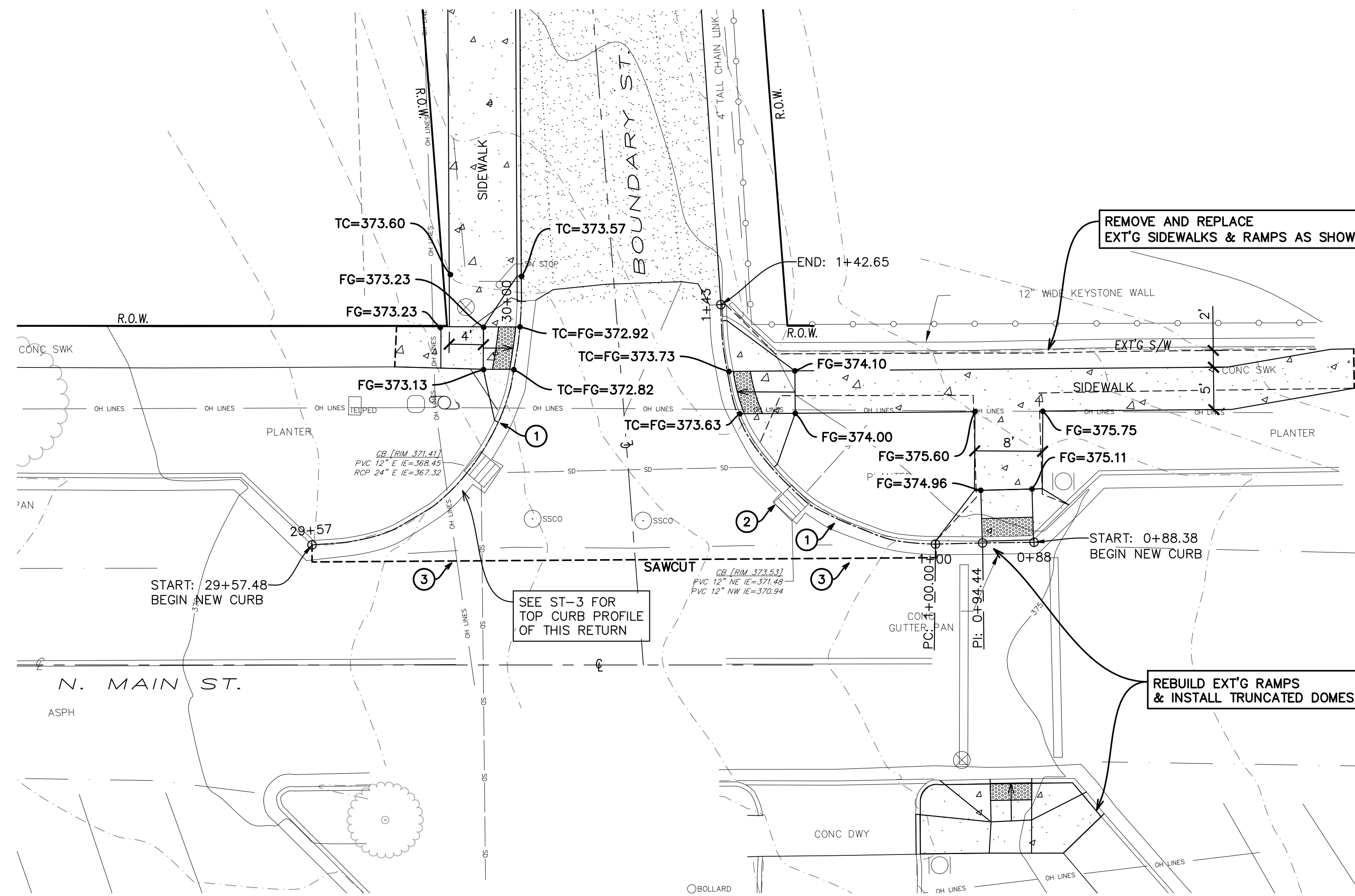
CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

N. MAIN ST. & 1ST ST. - INTERSECTION PLAN

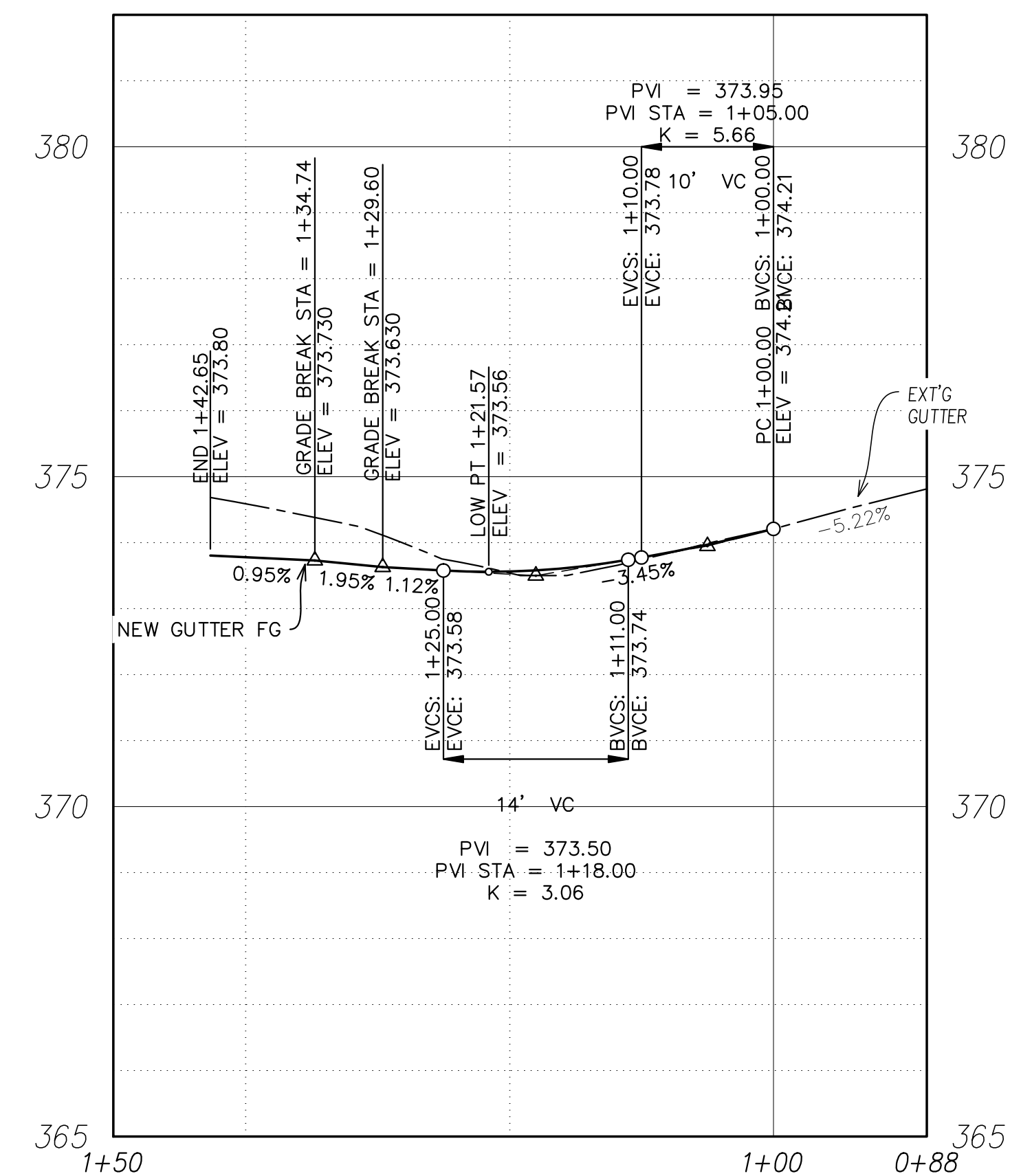
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JOB NUMBER
2969.2030

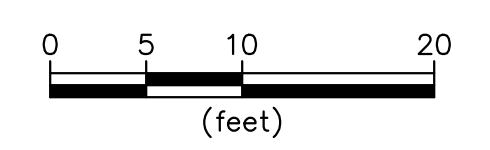
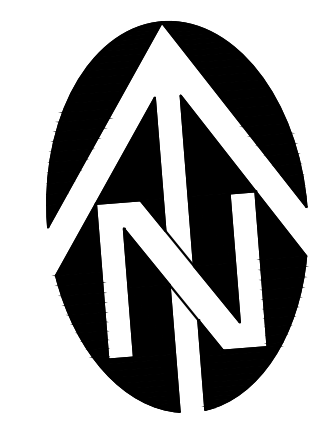
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N. MAIN ST. & BOUNDARY ST. - INTERSECTION PLAN
 1" = 10'



N. MAIN ST. & BOUNDARY ST. - NE INTERSECTION PROFILE
 H: 1" = 10' V: 1" = 2'



CALLOUT KEY & LEGEND

LIMITS OF AC REPLACEMENT IN INTERSECTION

- REBUILD CURB & GUTTER TO NEW FG USING EXISTING GUTTER ALIGNMENT
- RELOCATE CATCH BASIN TO NEW FG AT NEW LOW POINT AT STA. 1+21.57
- MATCH EXISTING AC GRADES AT SAWCUT

NO.	DATE	DESCRIPTION	BY
1			

VERIFY SCALE
 BASIS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON SCALES ACCURACLY

DSN.	SW	RS	NO.	DATE	DESCRIPTION	BY
			1	05/20/2022		



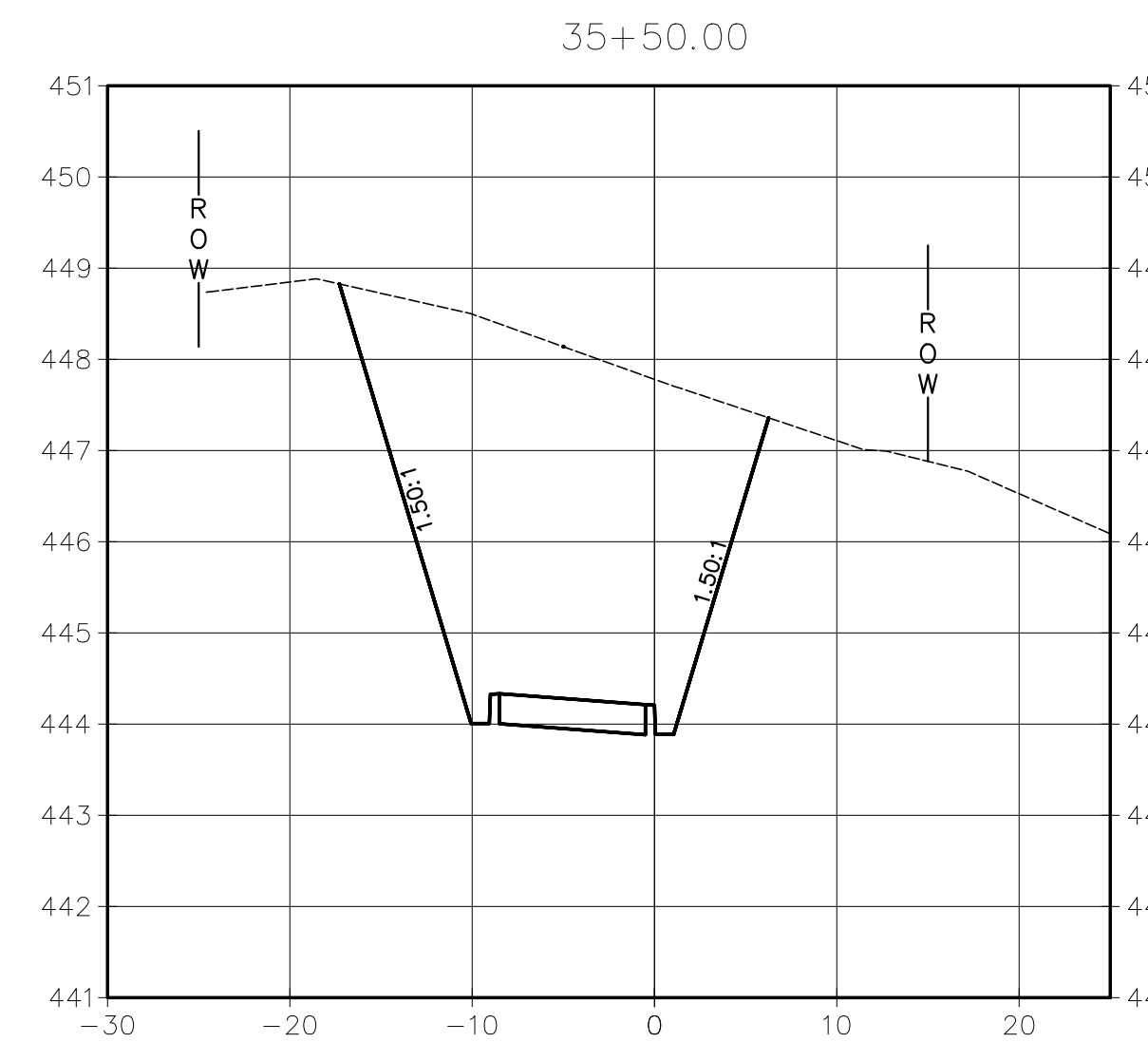
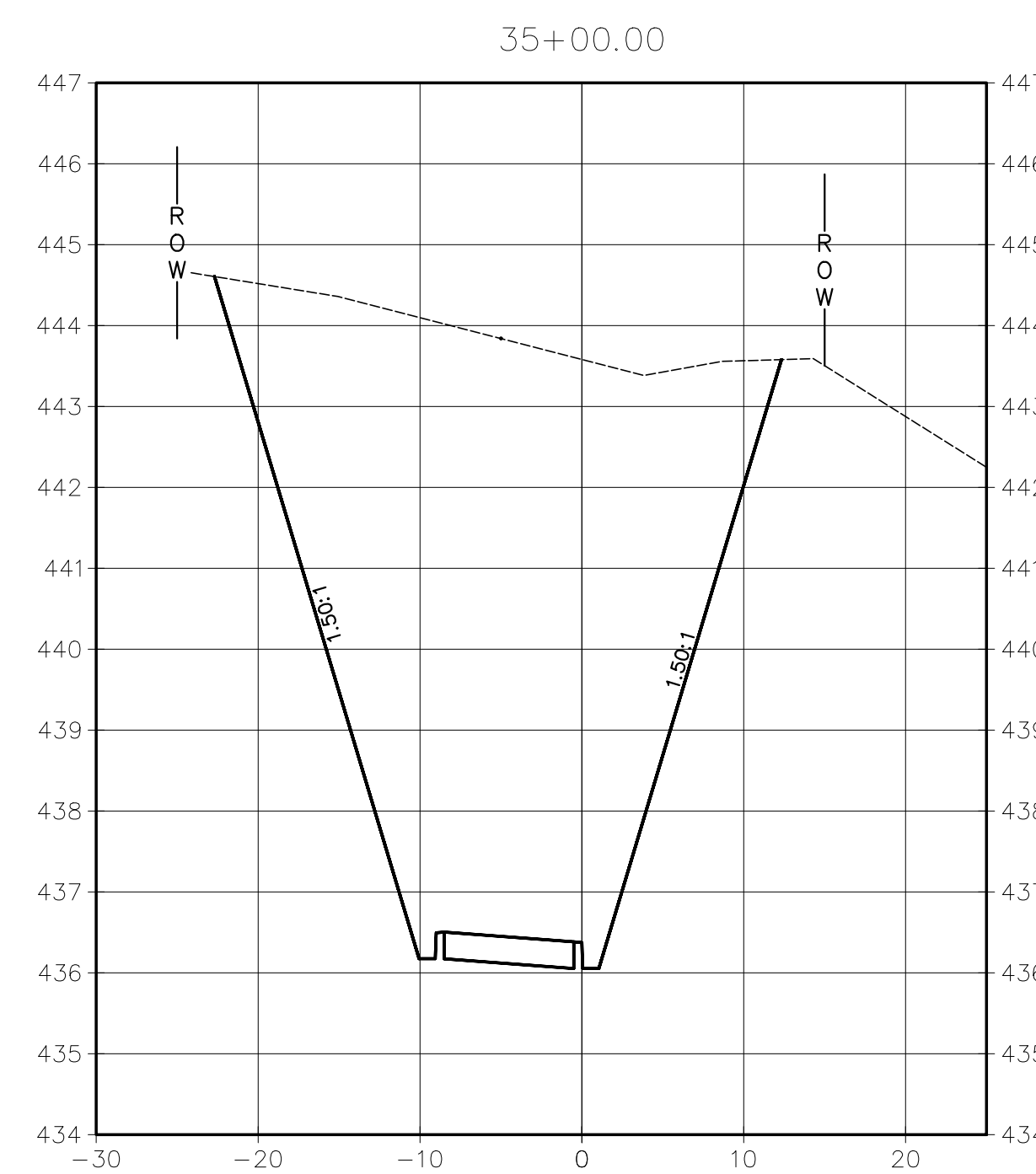
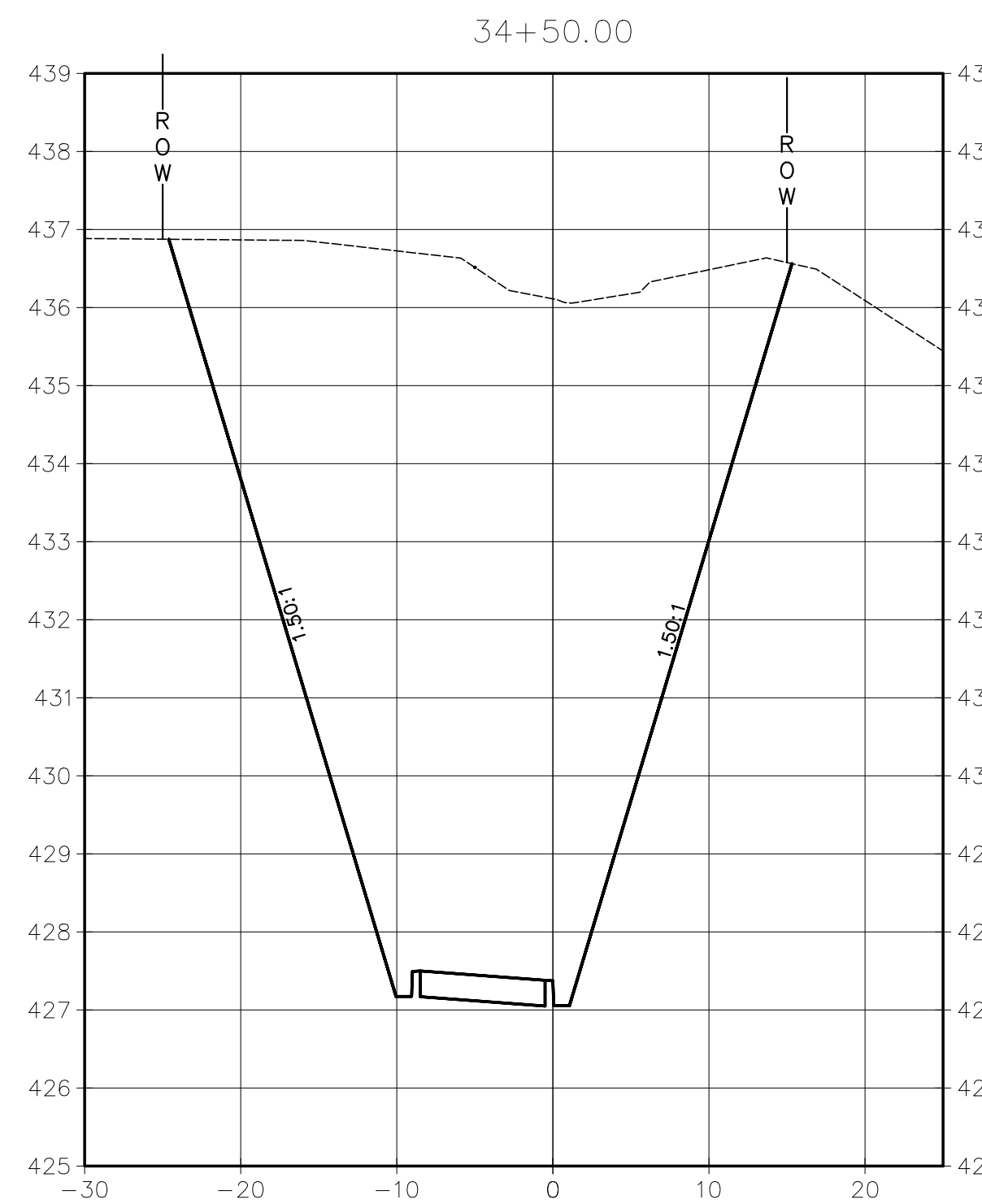
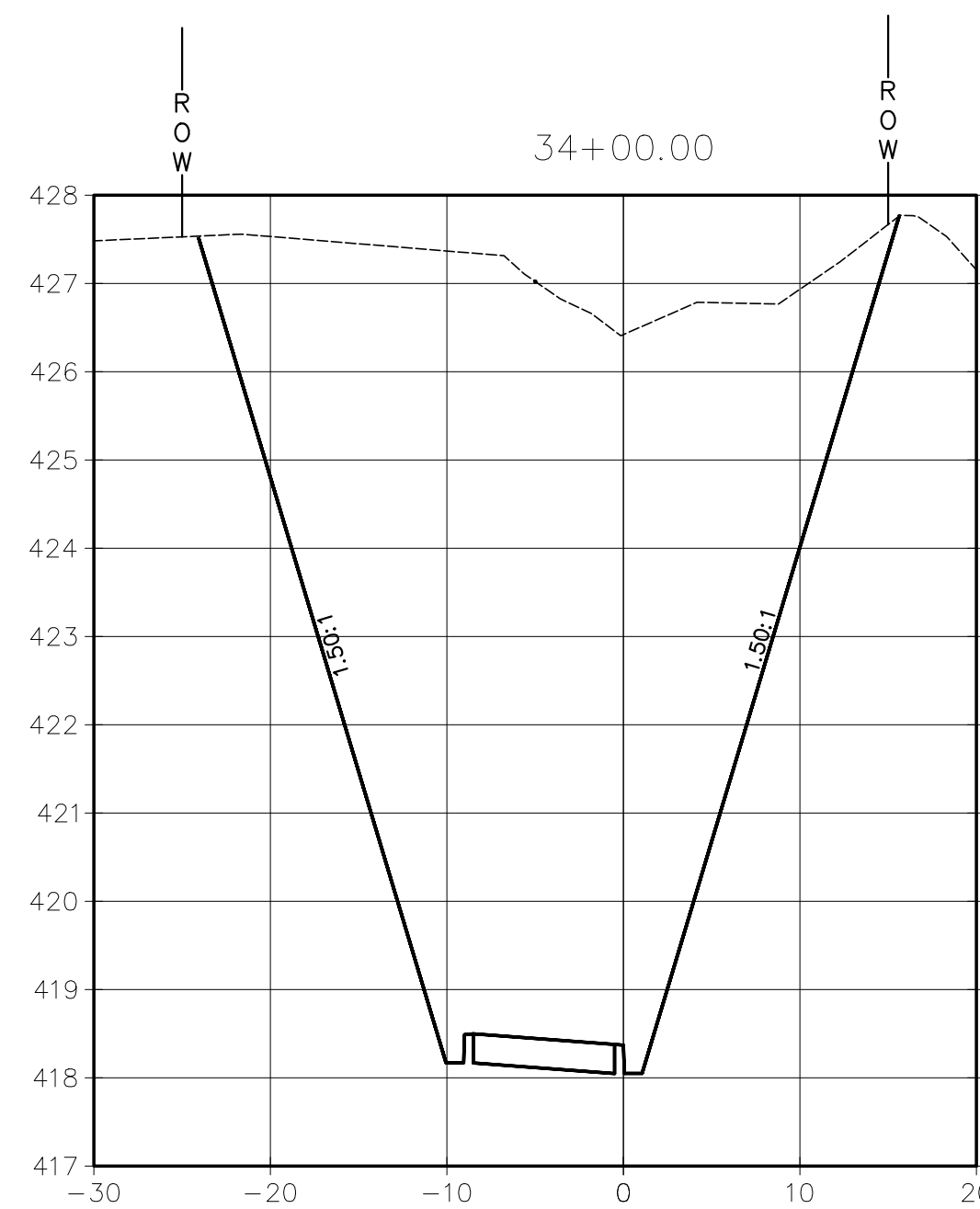
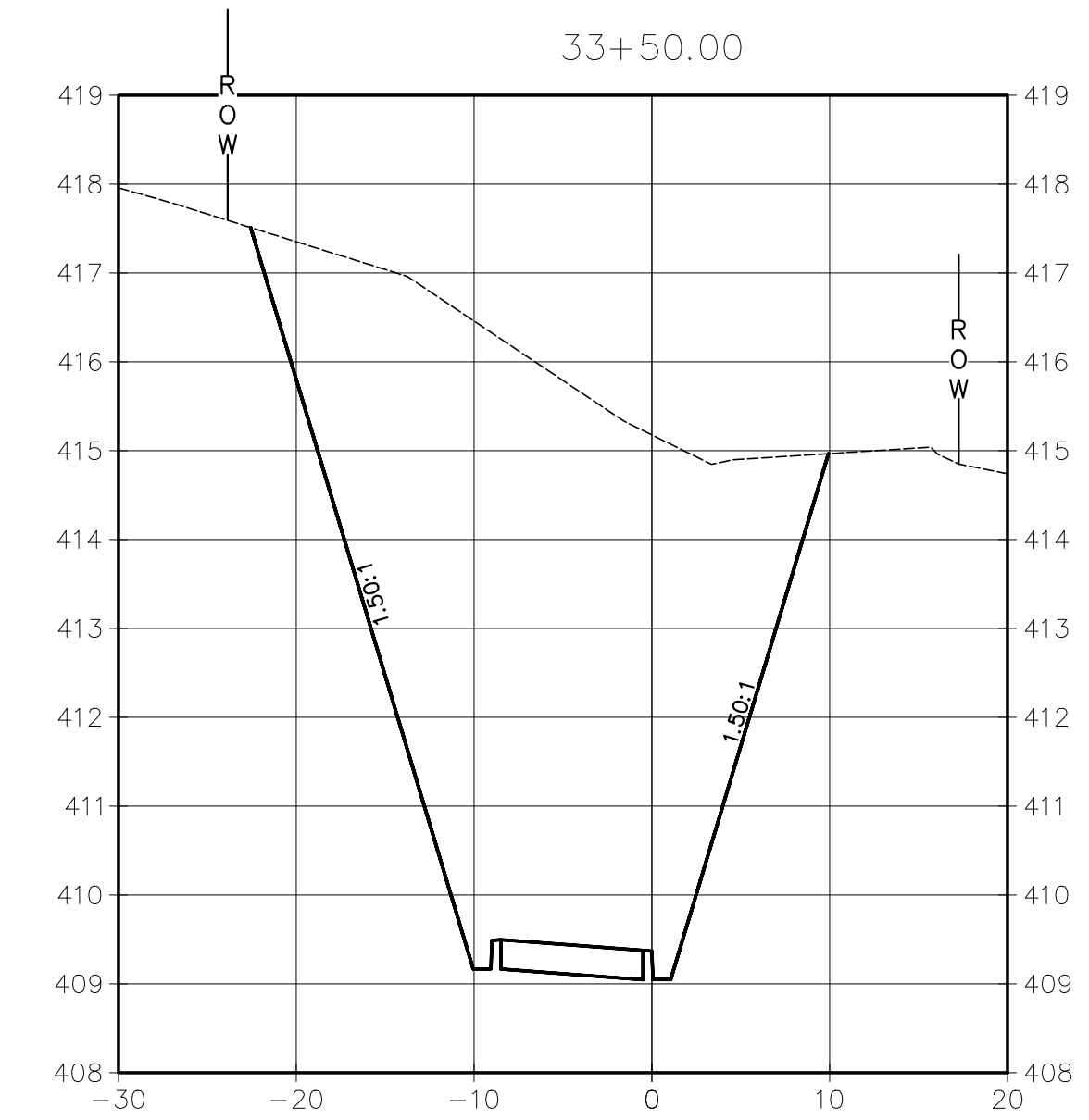
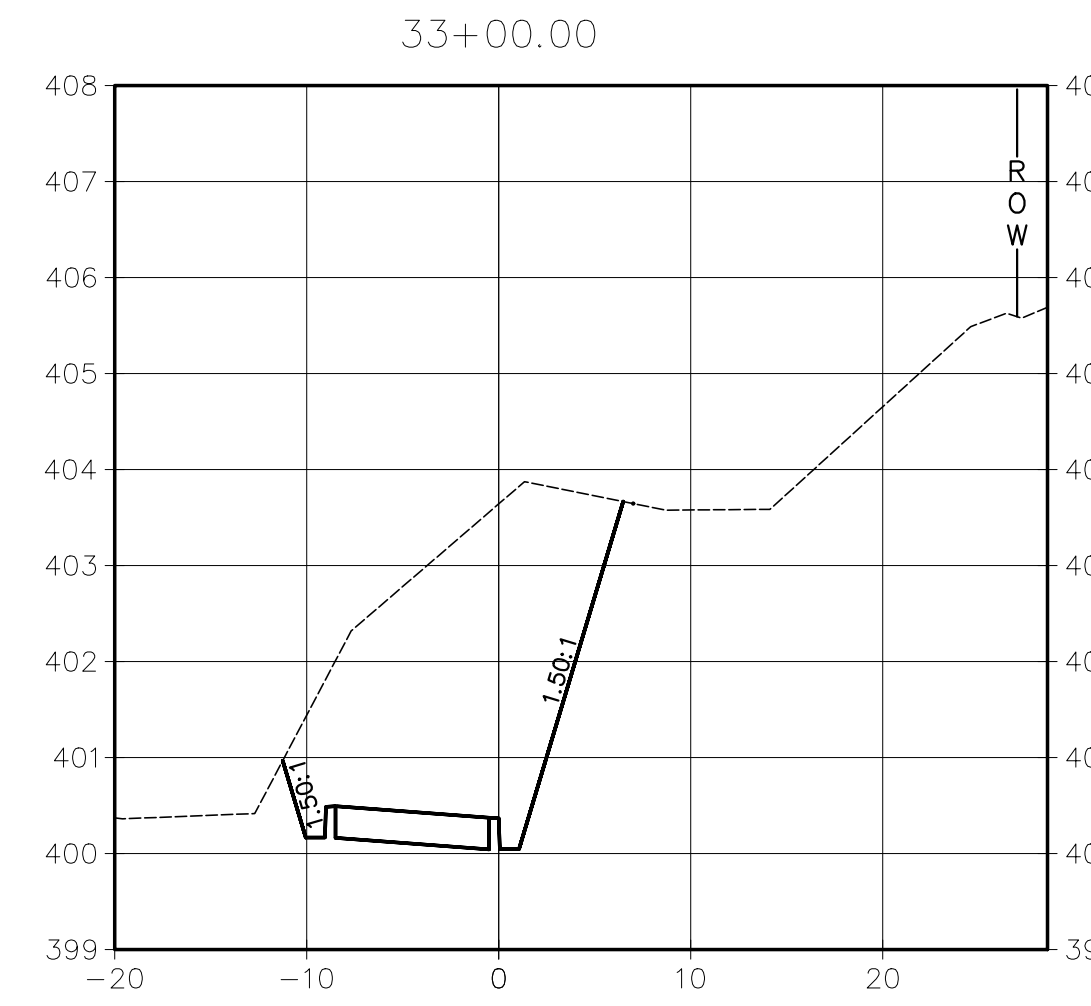
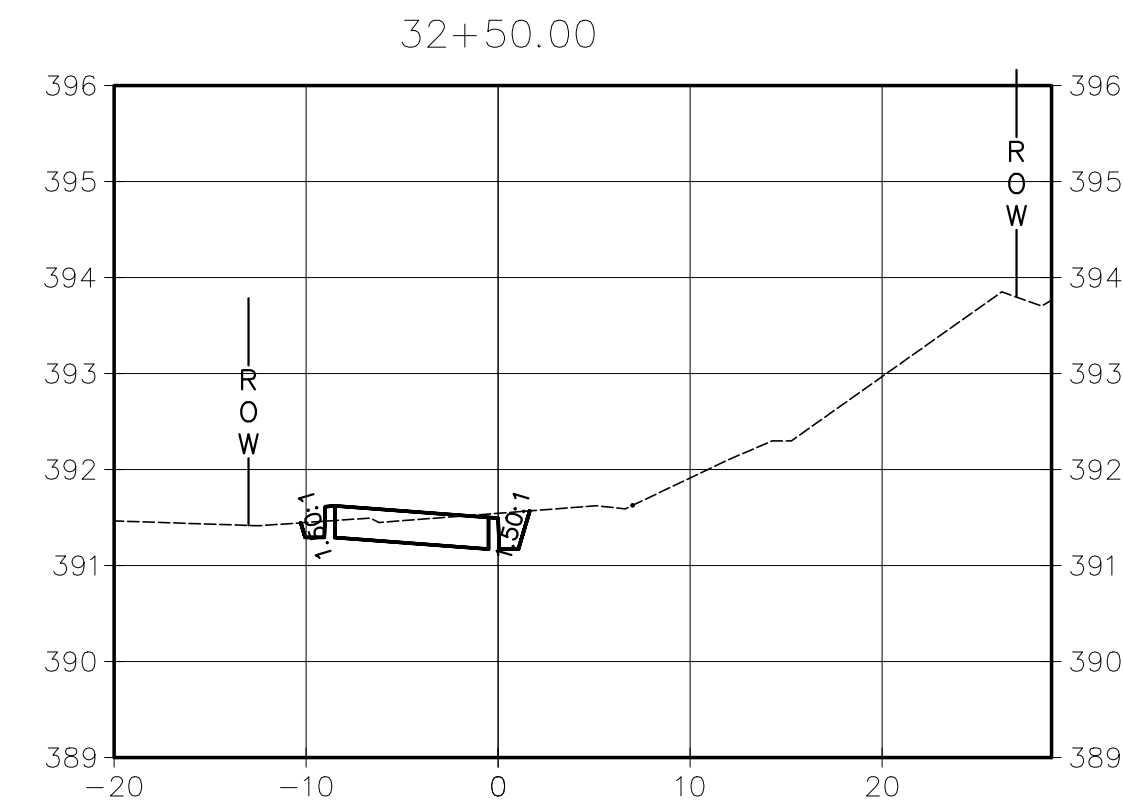
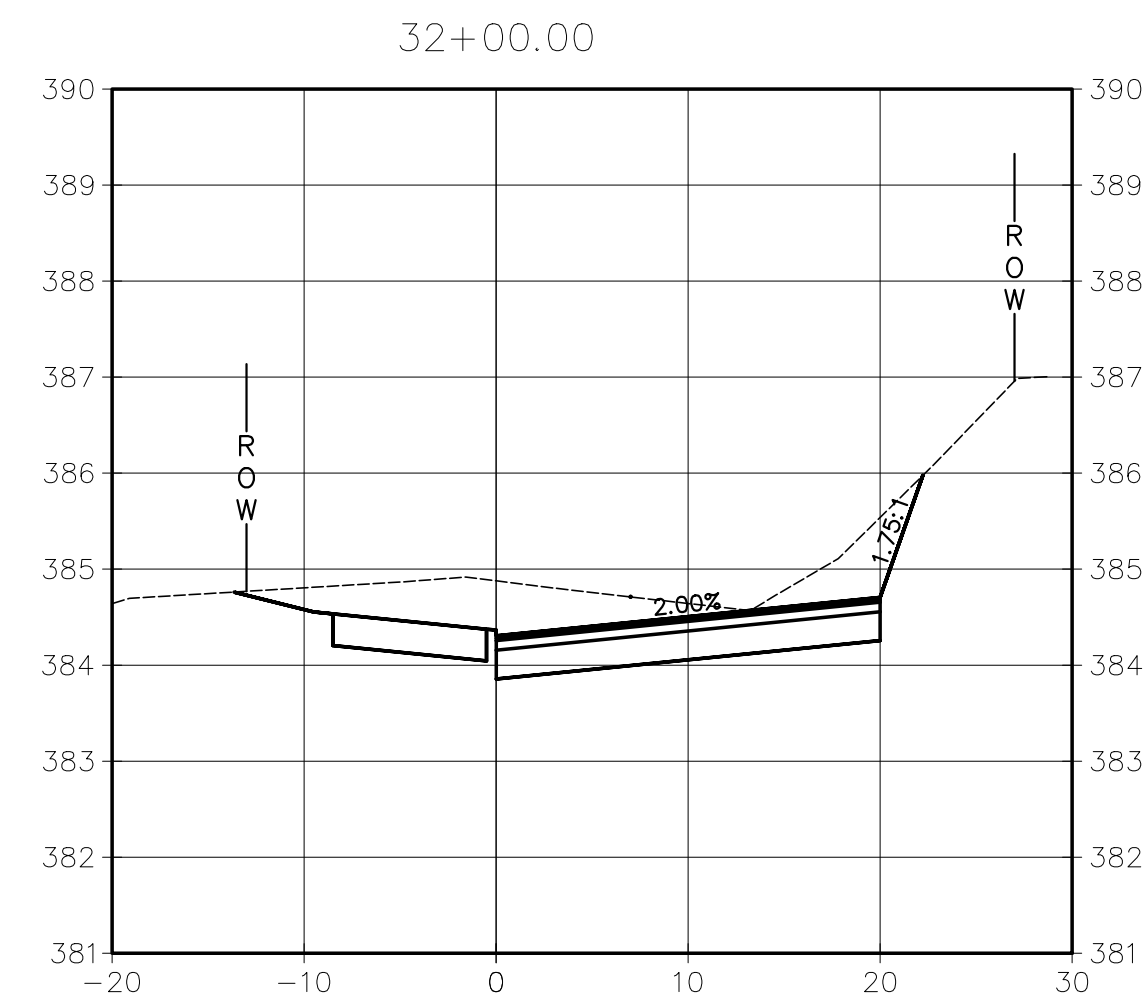
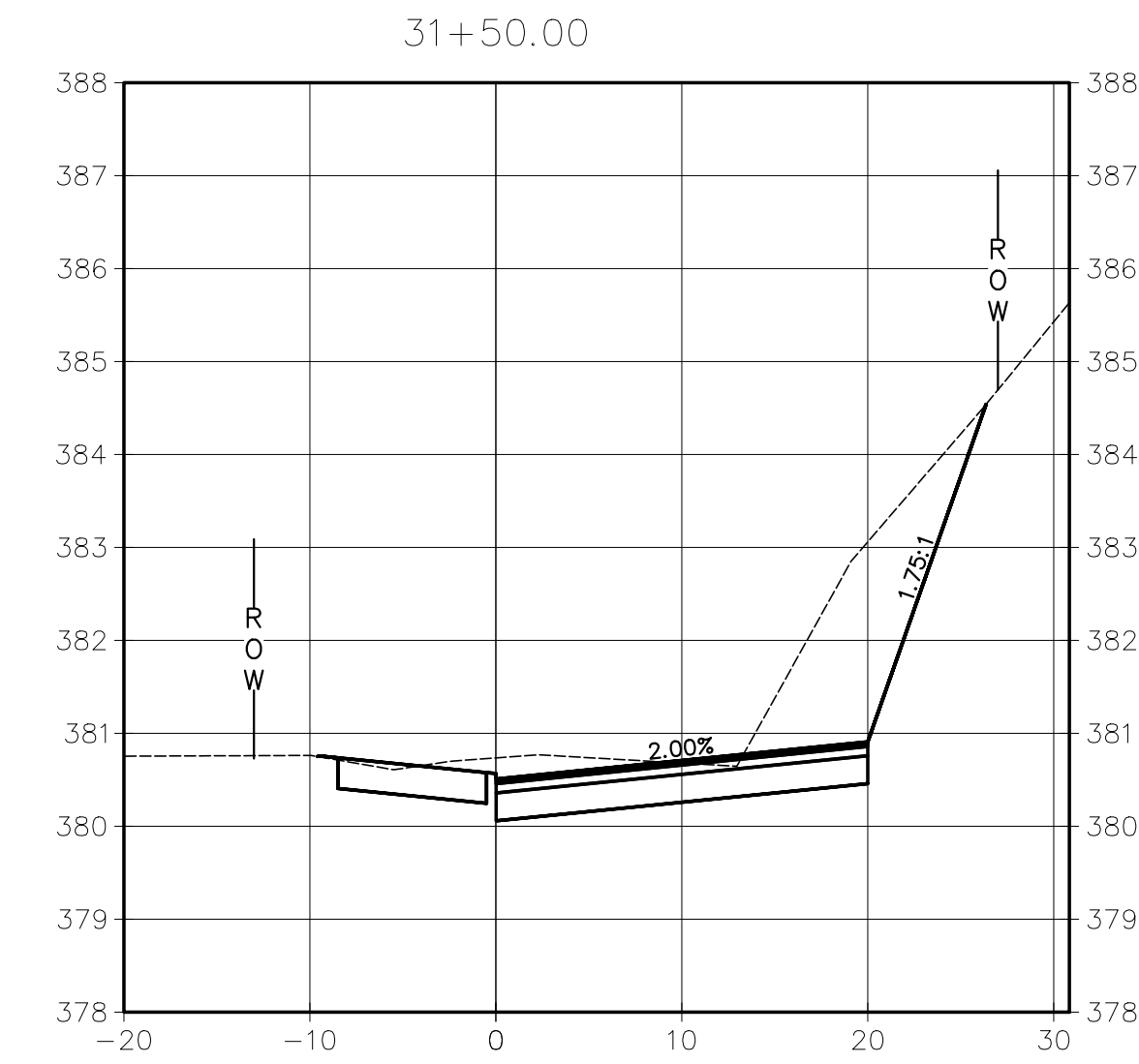
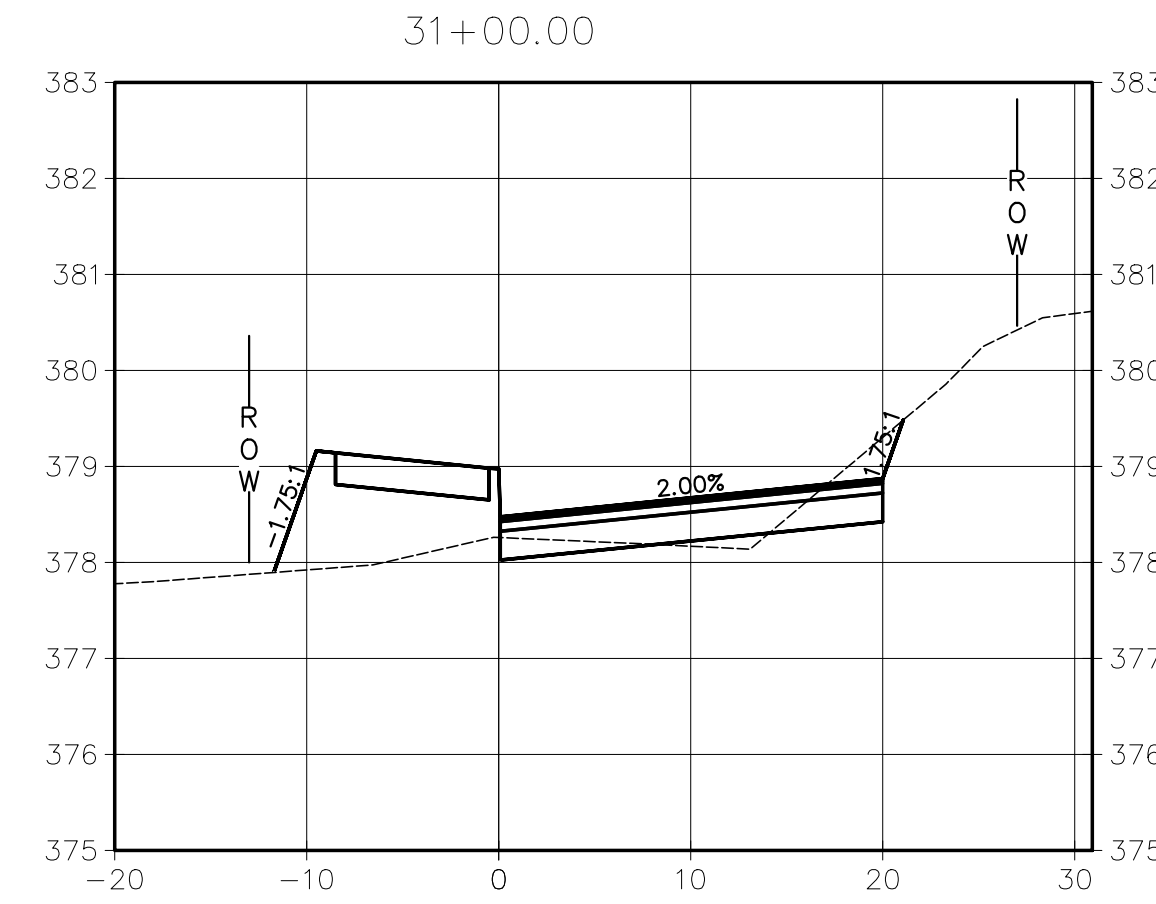
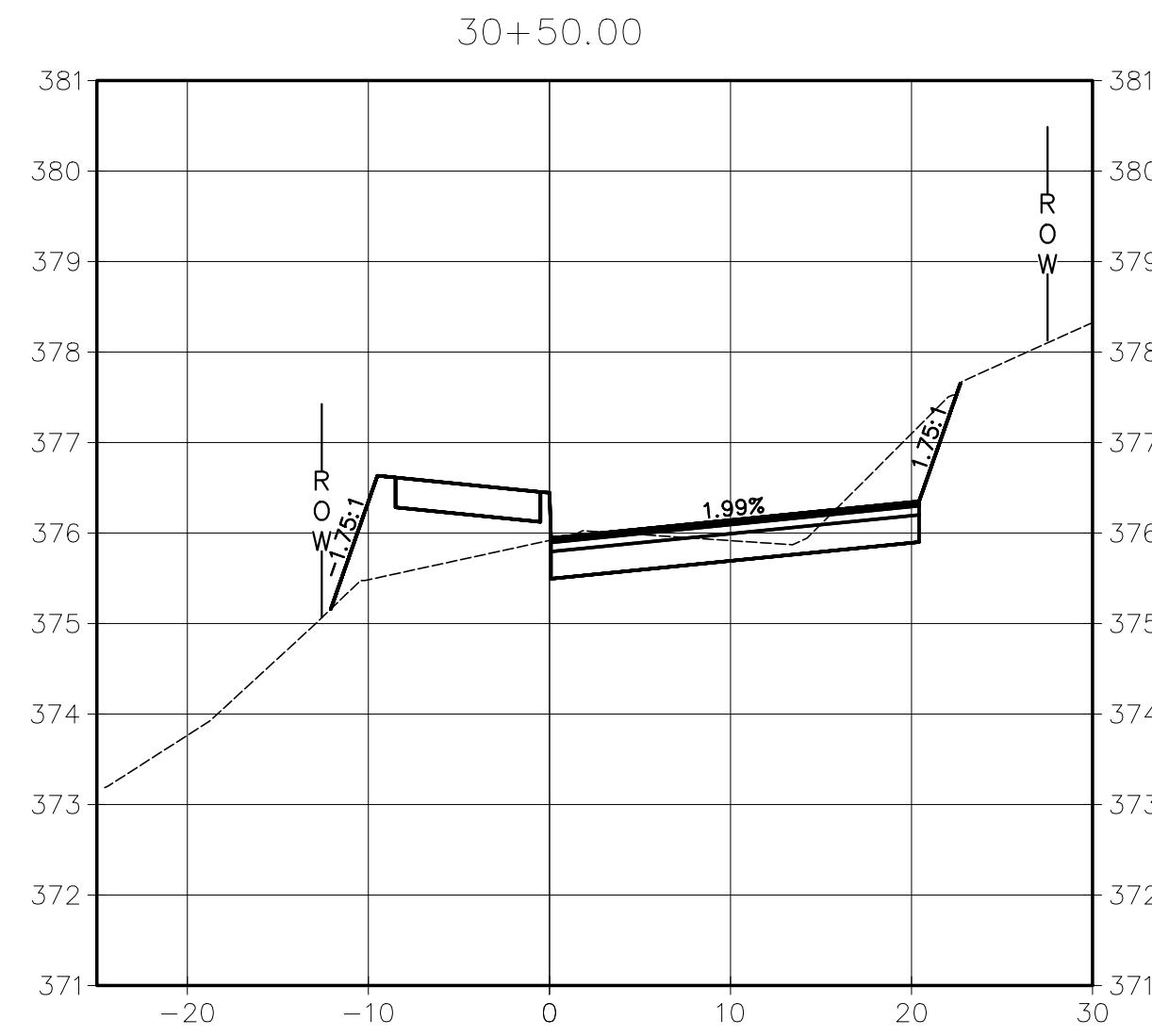
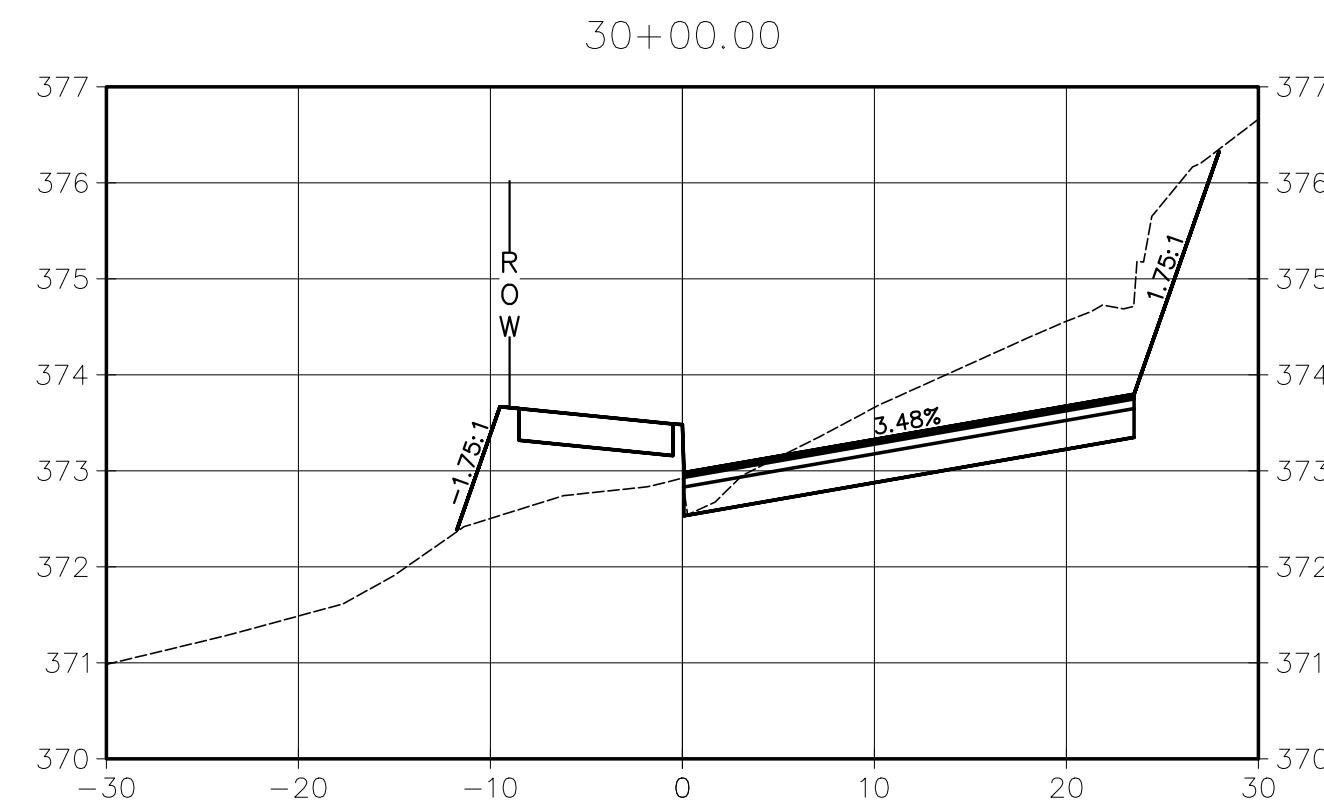
WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 565-2474 Fax: (503) 565-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
N. MAIN ST. & BOUNDARY ST. - INTERSECTION PLAN & PROFILE

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ST-12
 JOB NUMBER
2969.2030

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 ORIGINAL DRAWING
 SCALES ACCURACIES

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 CKD. SW
 DATE: 05/20/2022



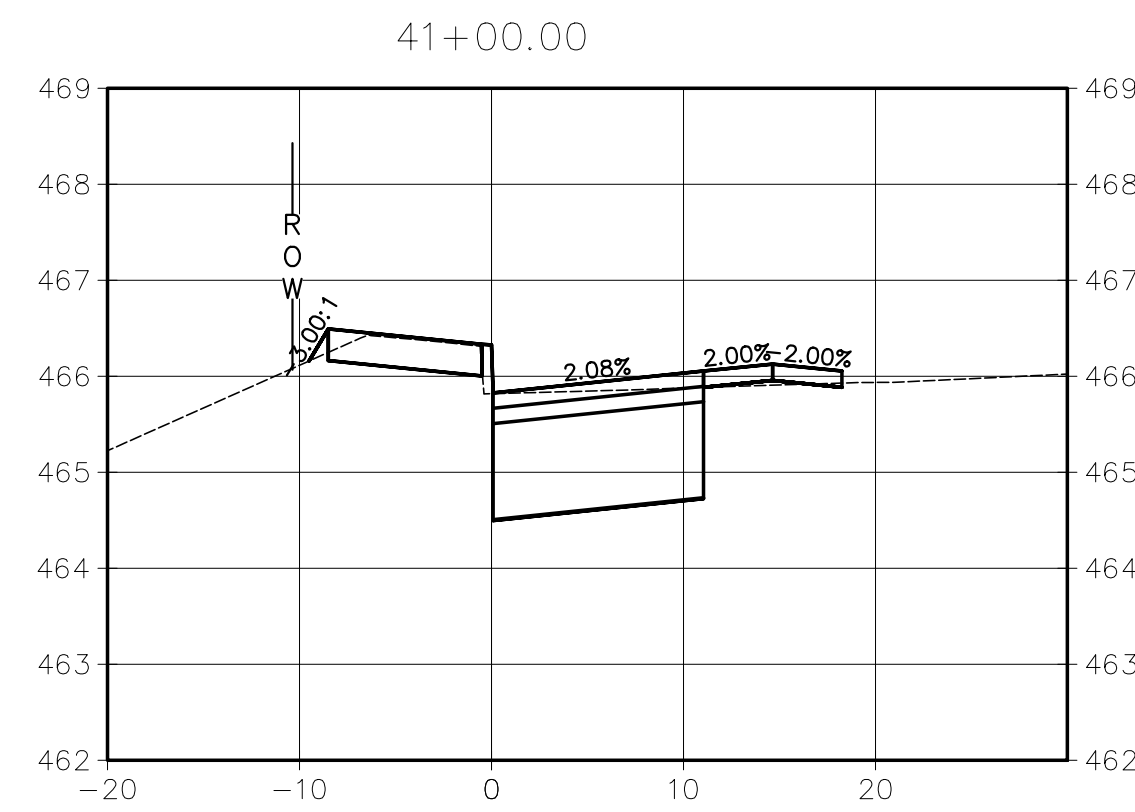
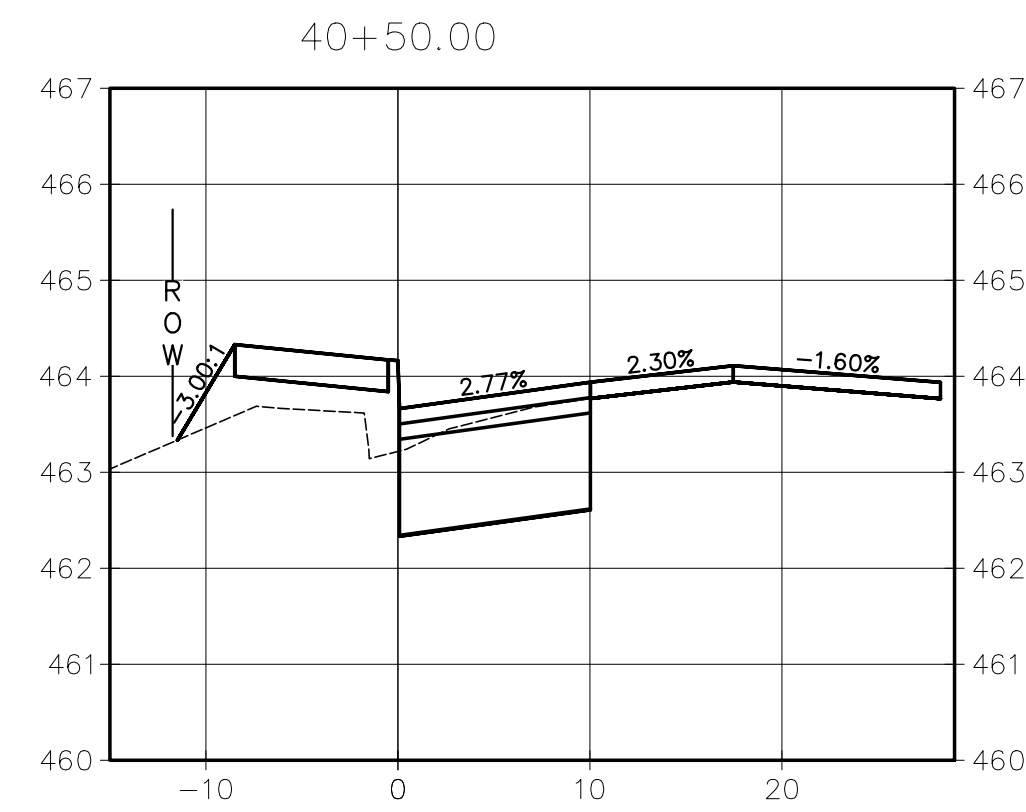
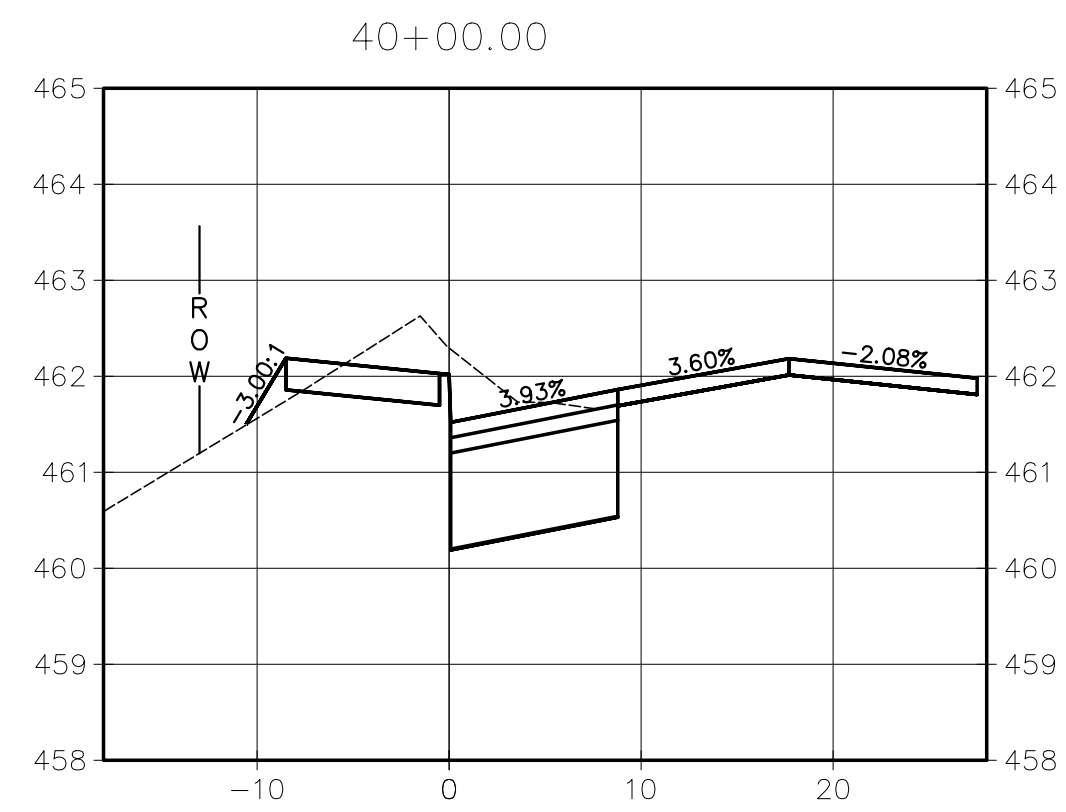
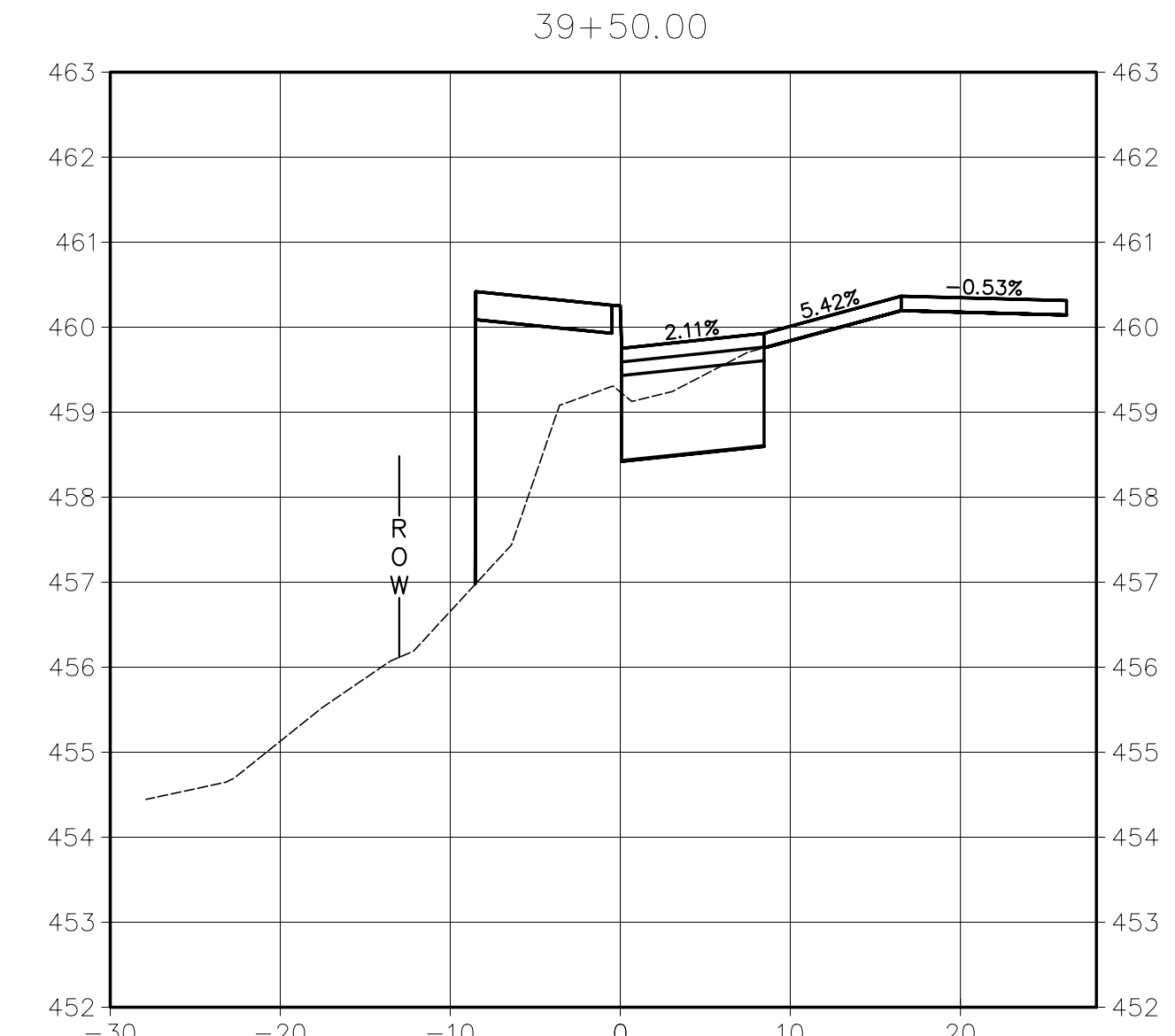
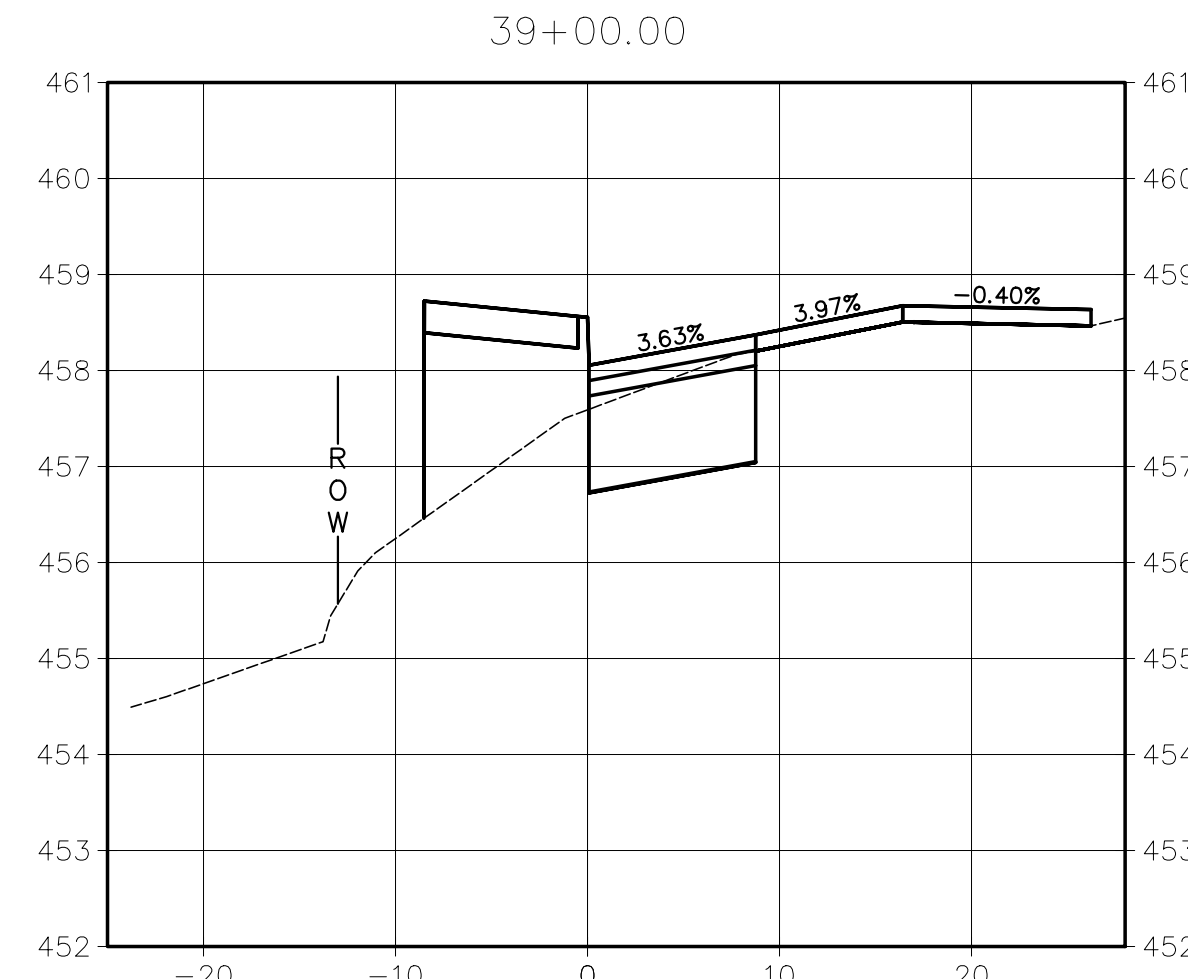
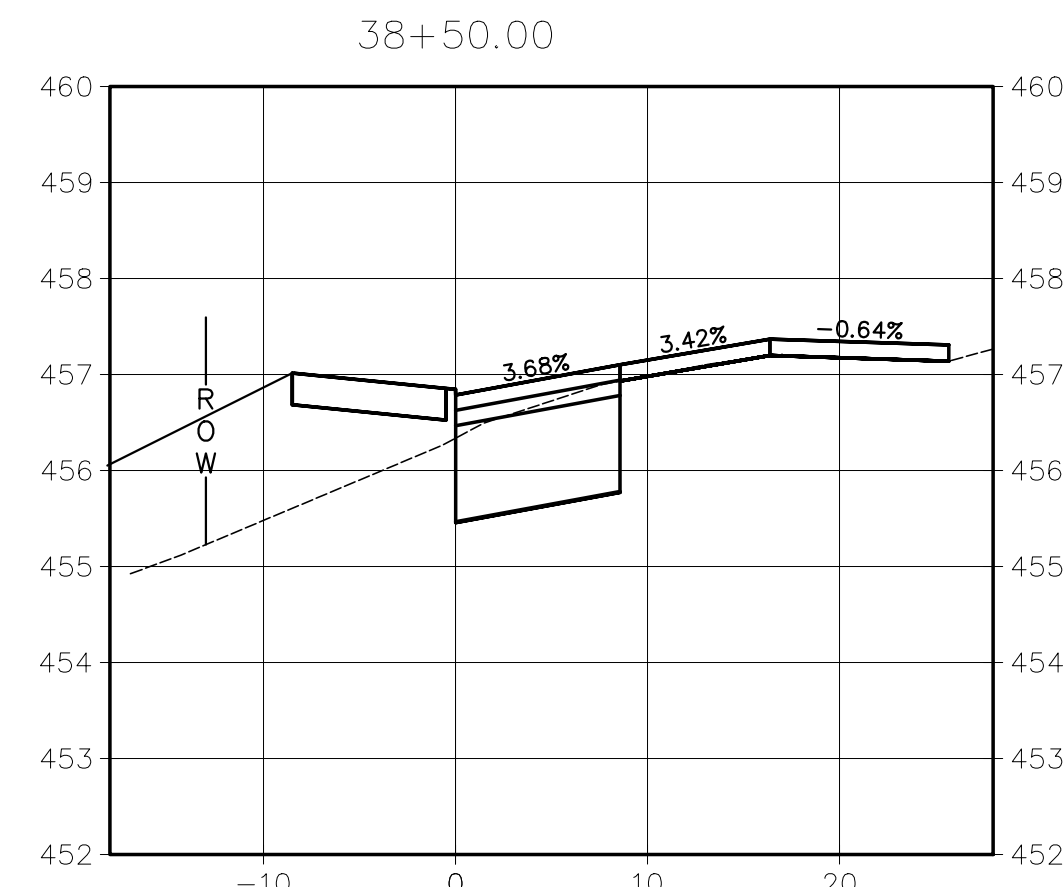
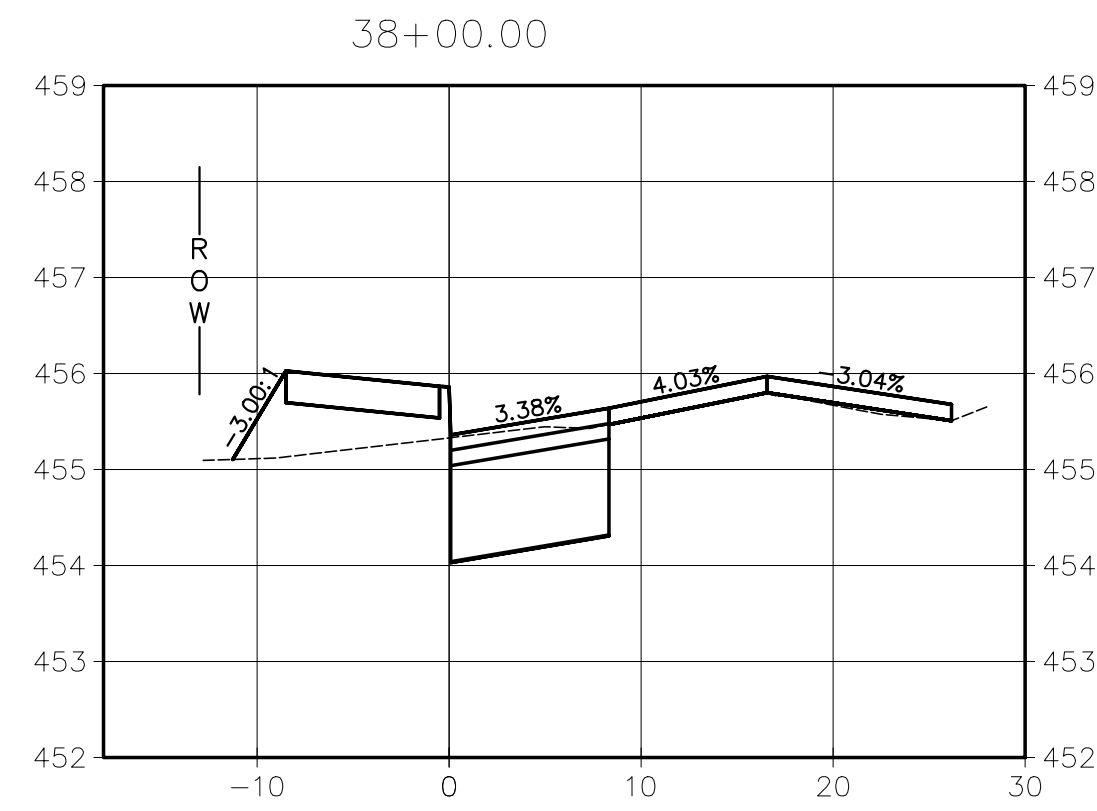
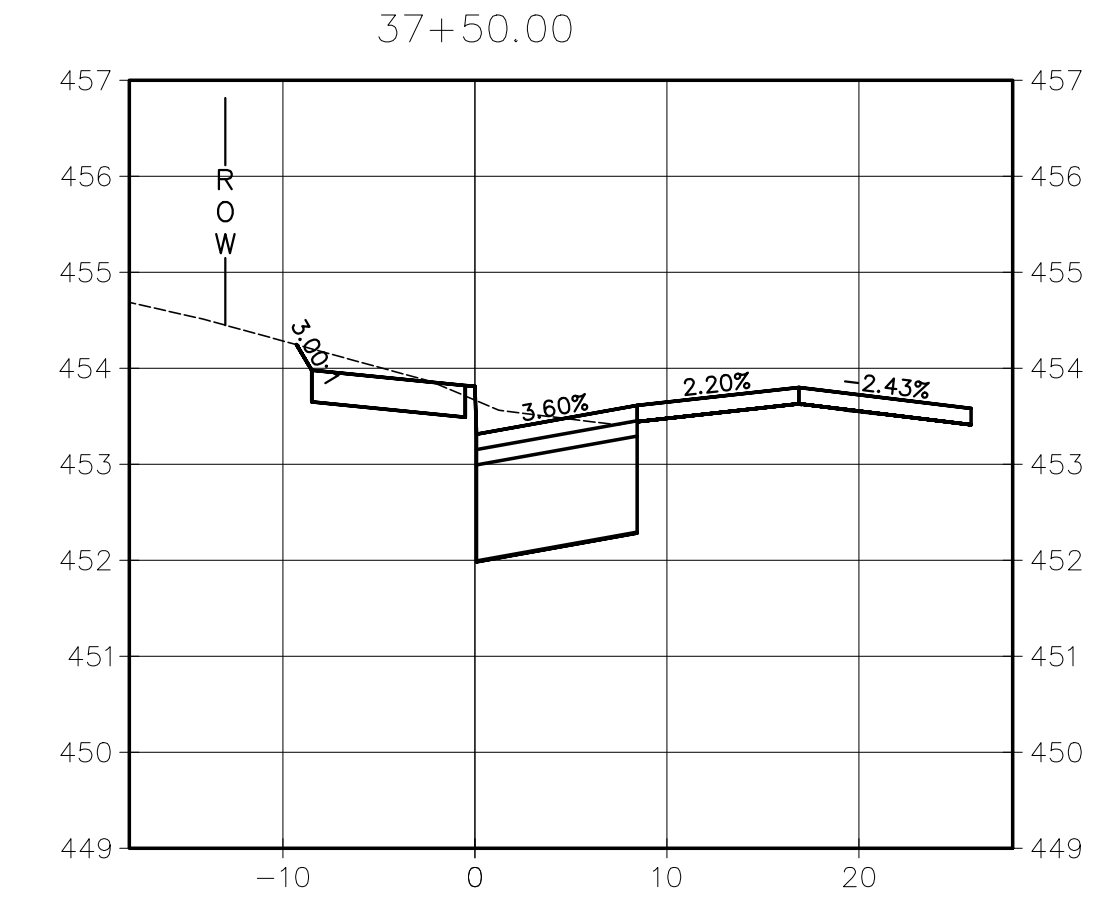
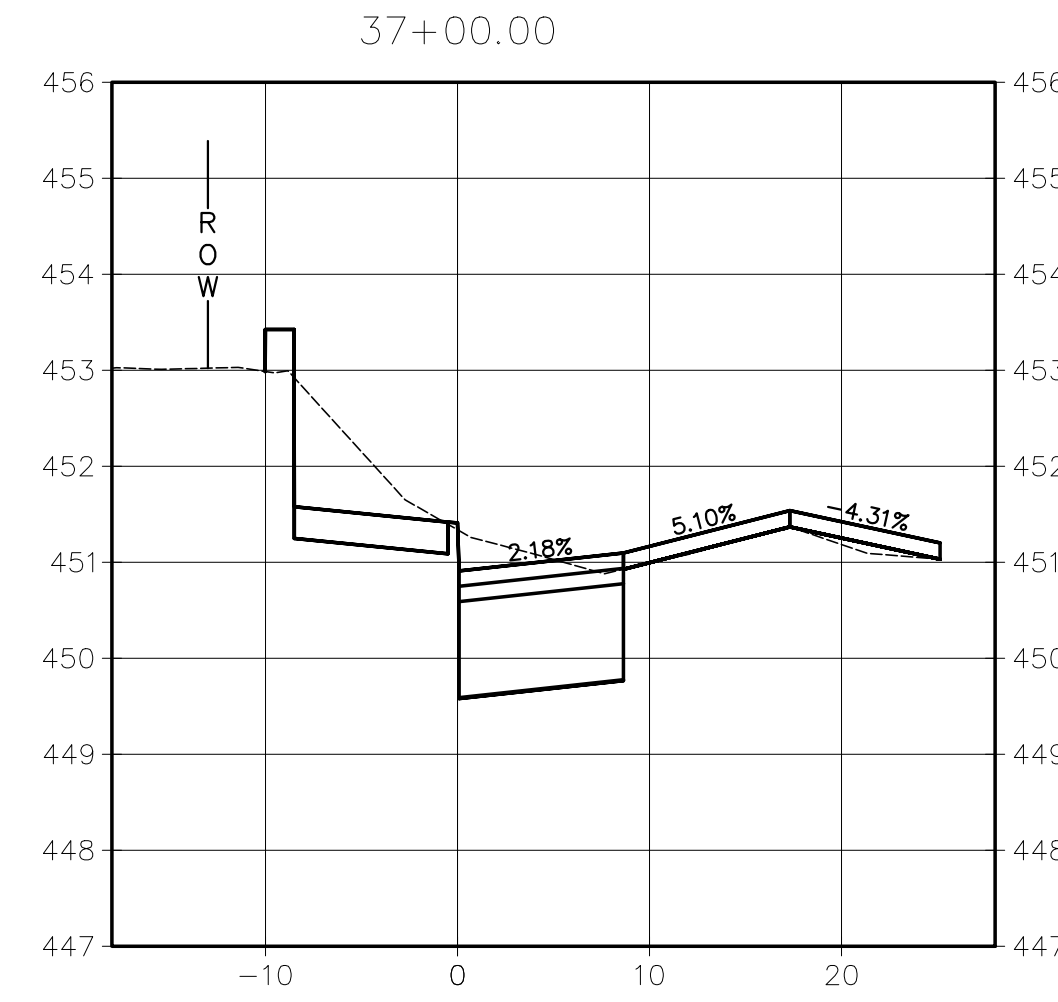
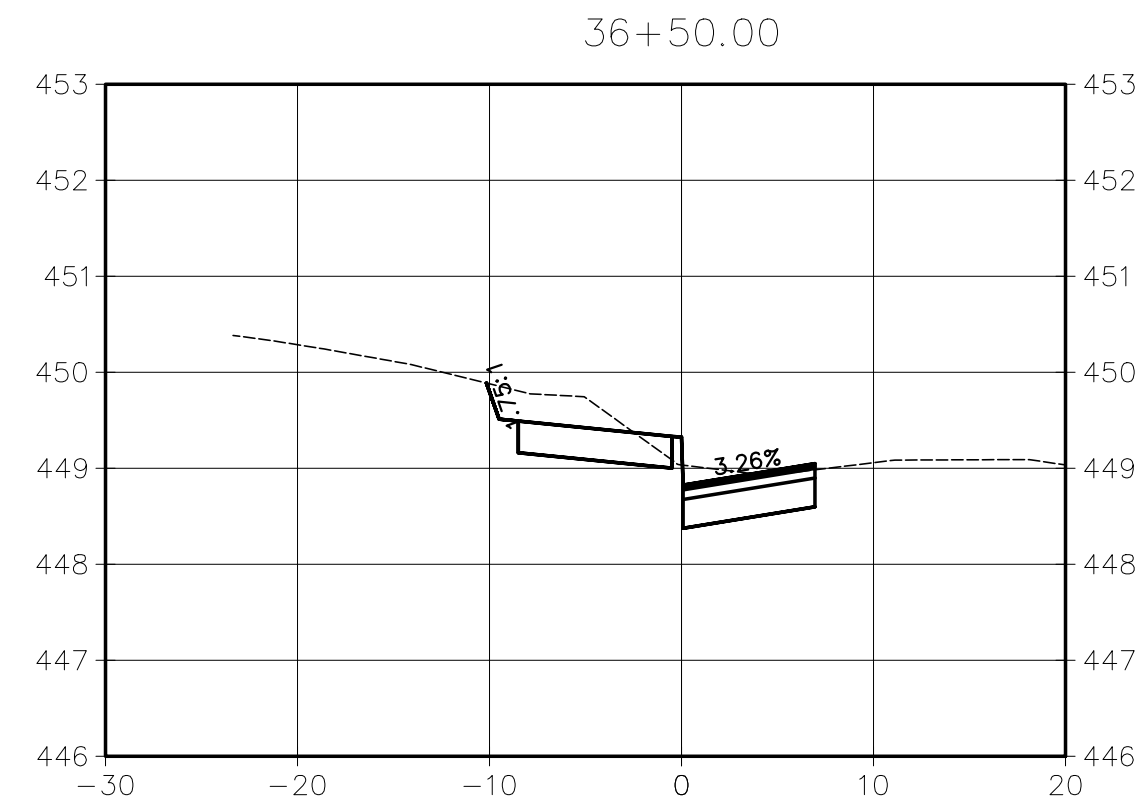
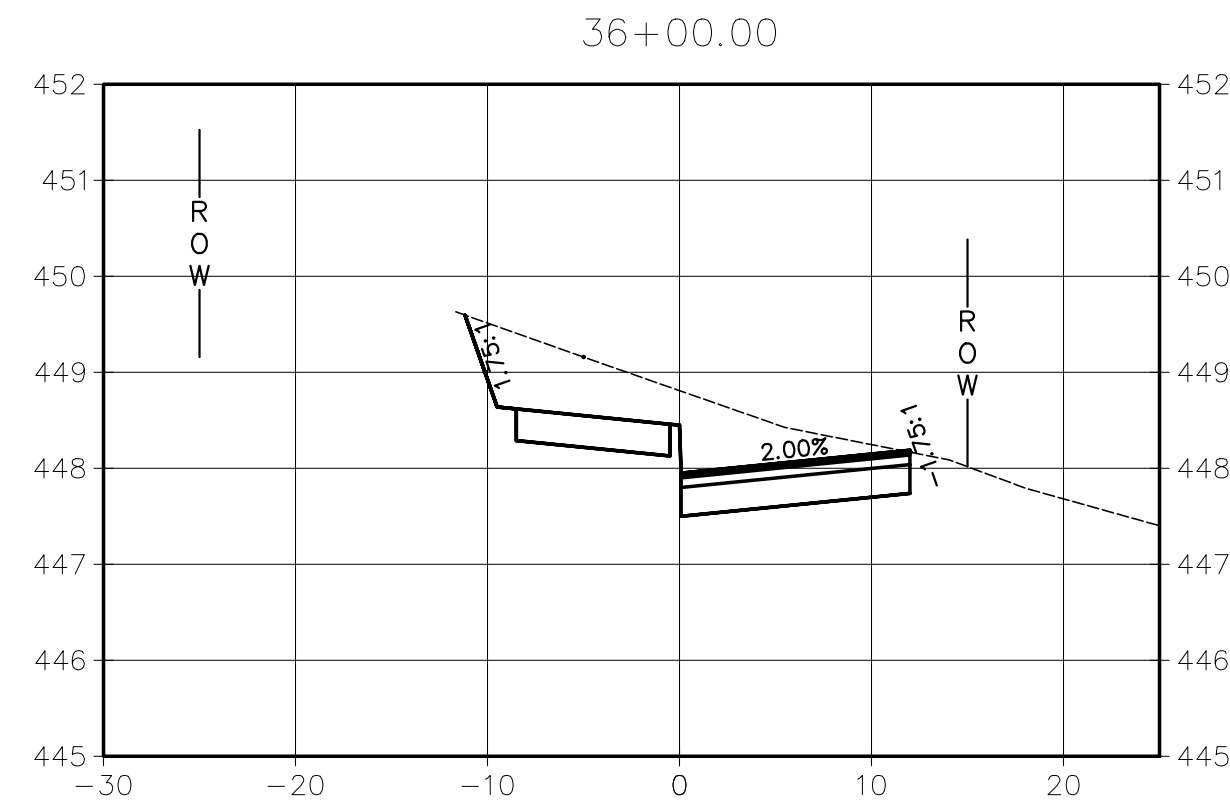
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
**BOUNDARY ST. &
 PROSPECT AVE. -
 CROSS-SECTIONS**

DRAWING
X-1
 JOB NUMBER
2969.2030

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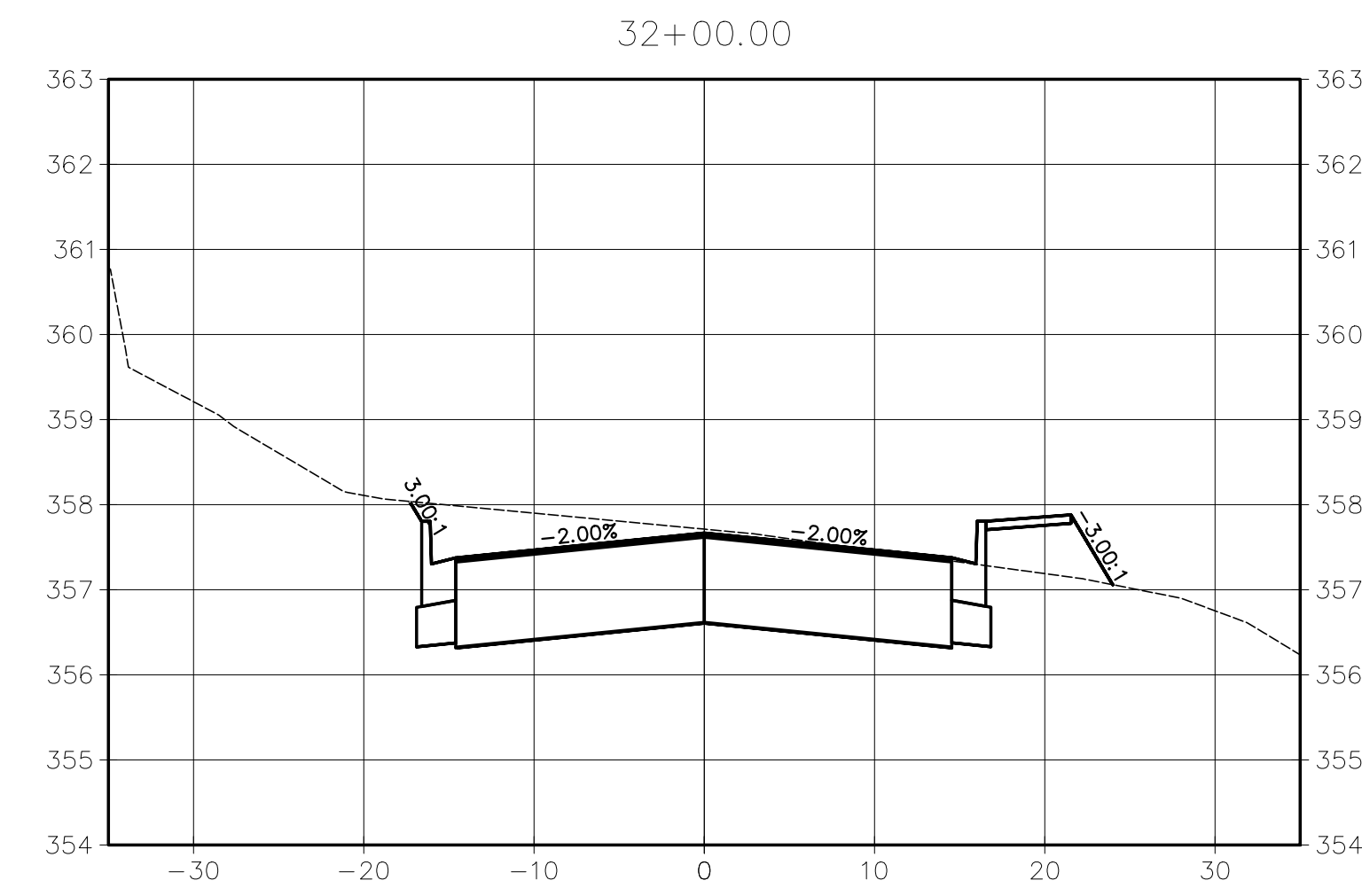
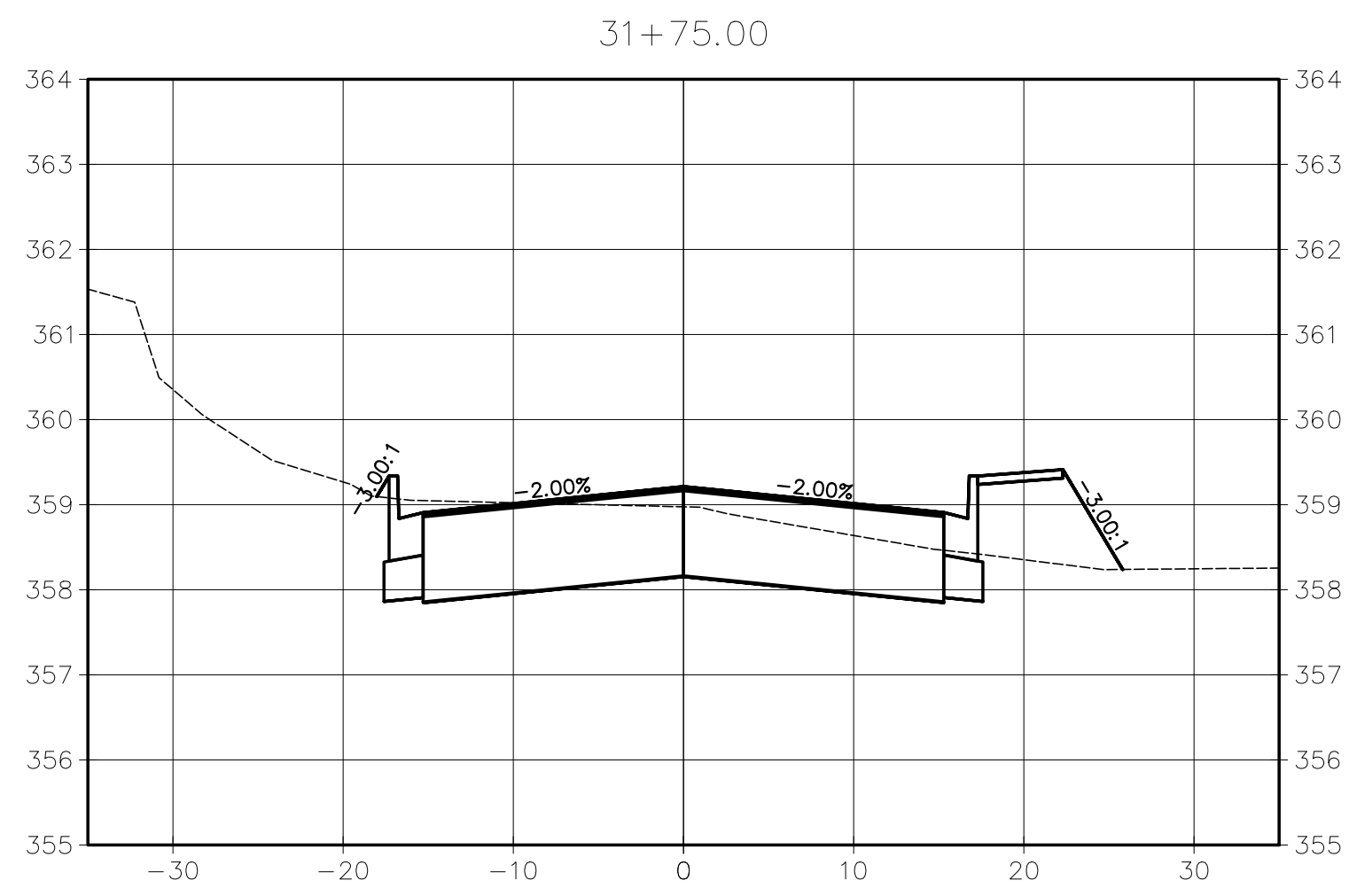
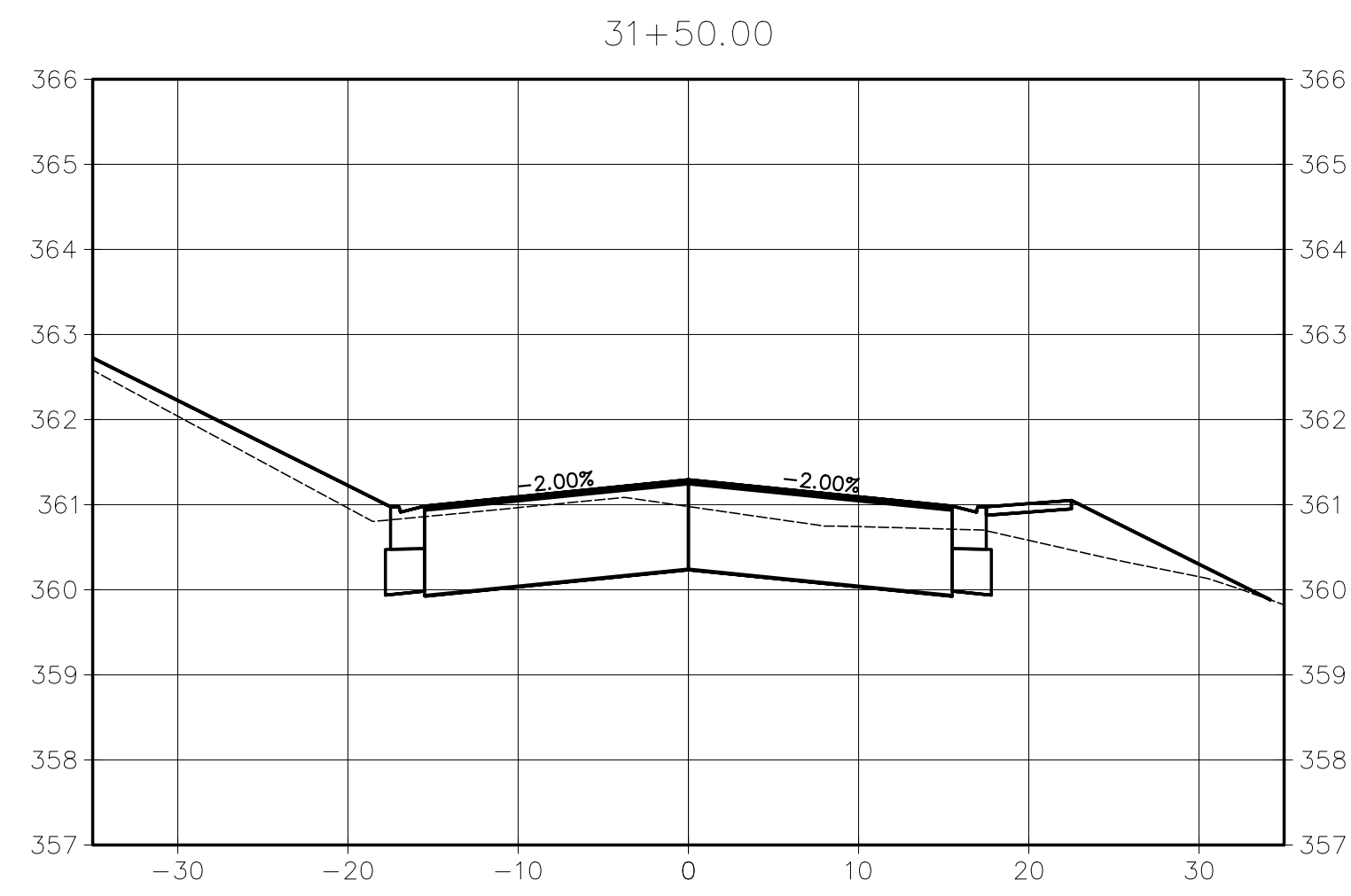
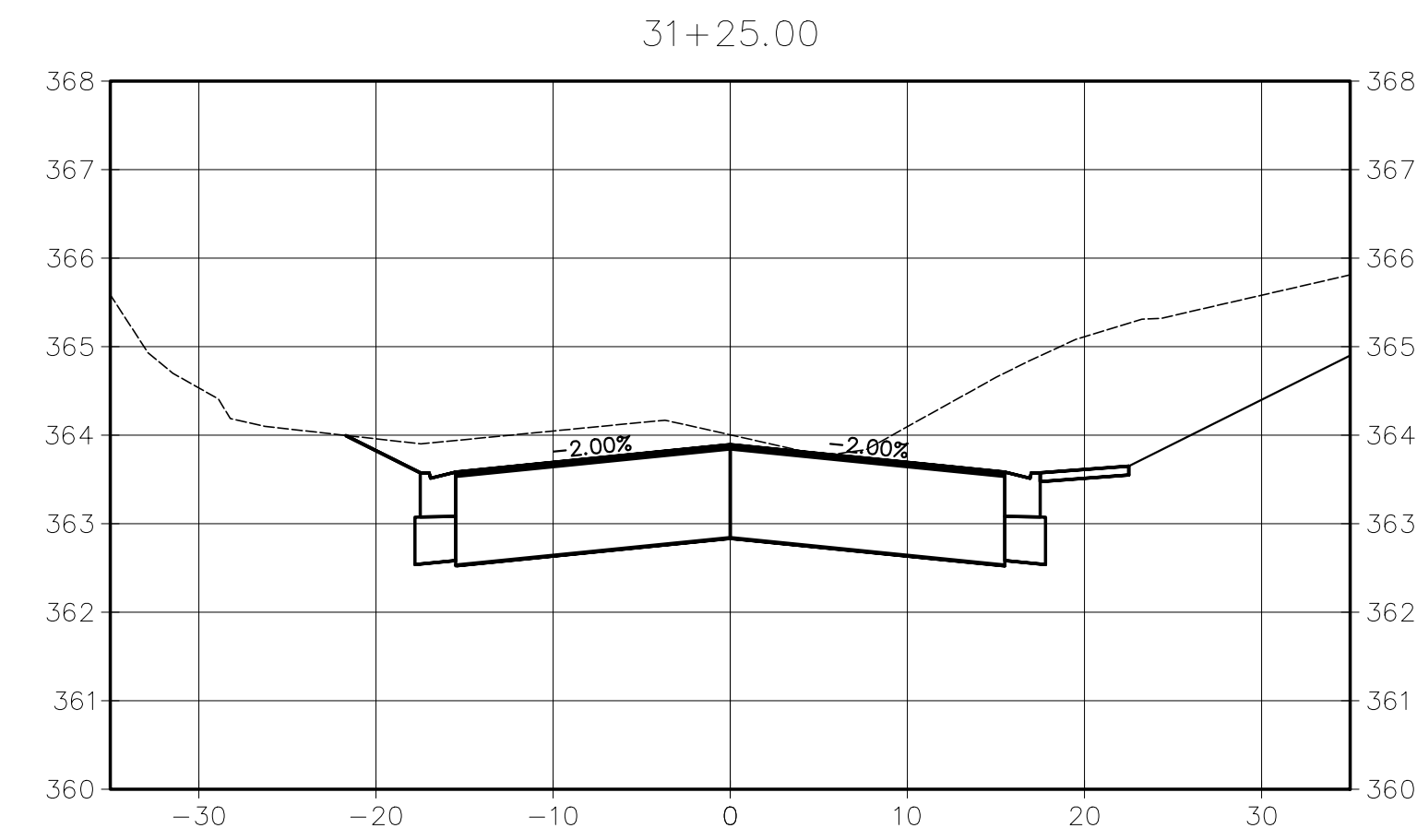
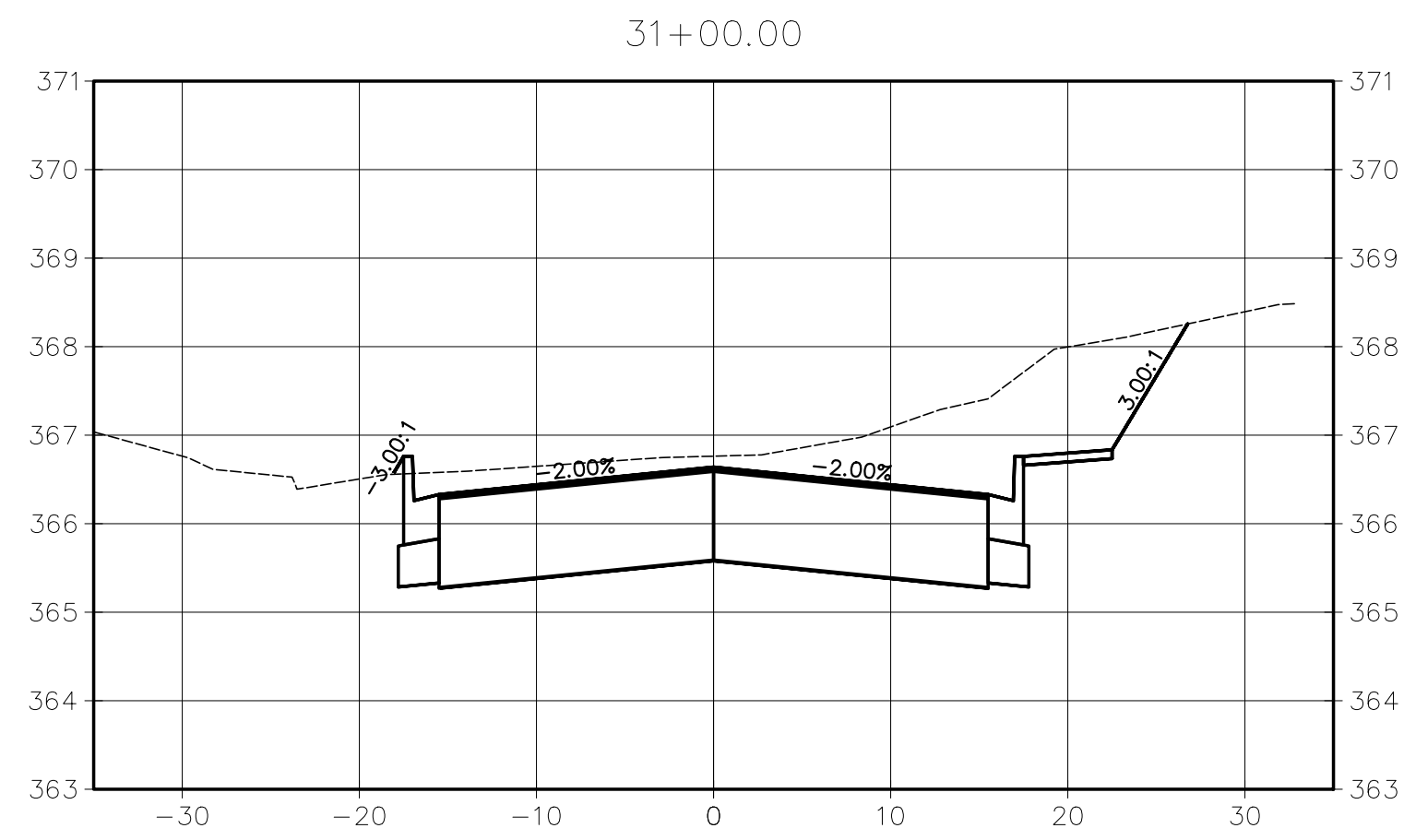
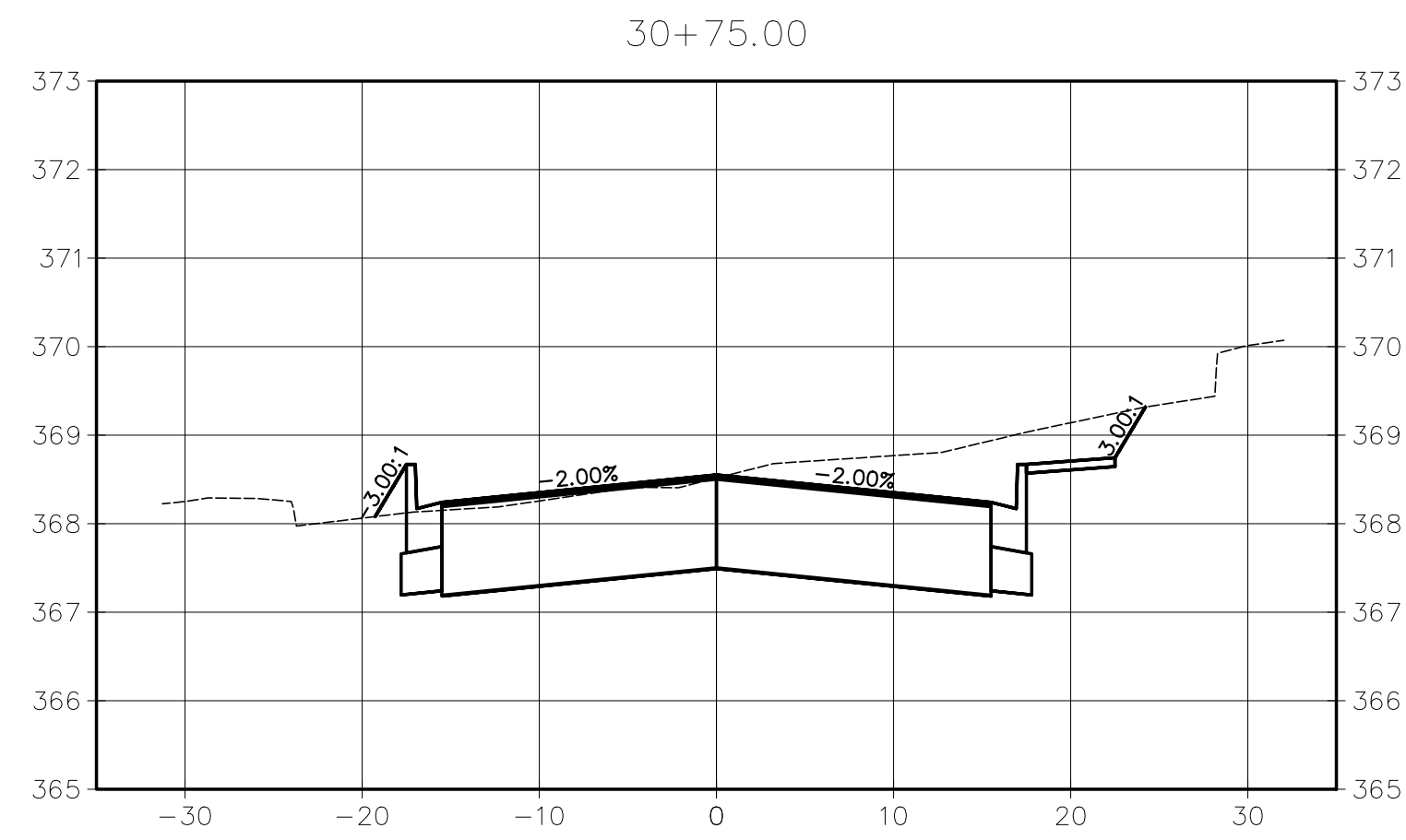
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 DATE: 05/20/2022

WE
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 BOUNDARY ST. &
 PROSPECT AVE. -
 CROSS-SECTIONS

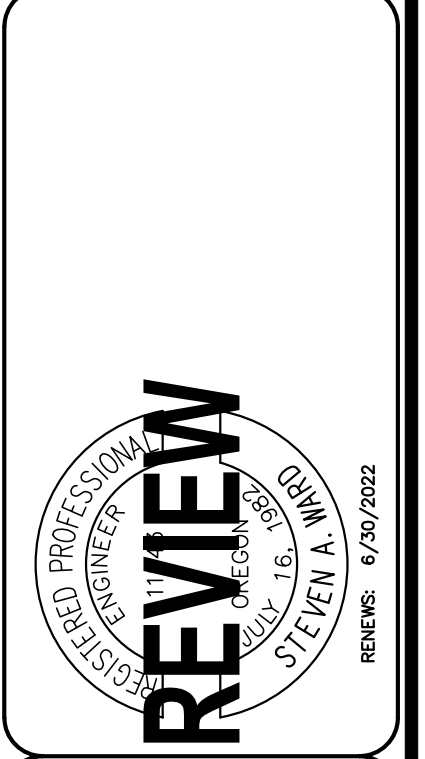
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WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

WE

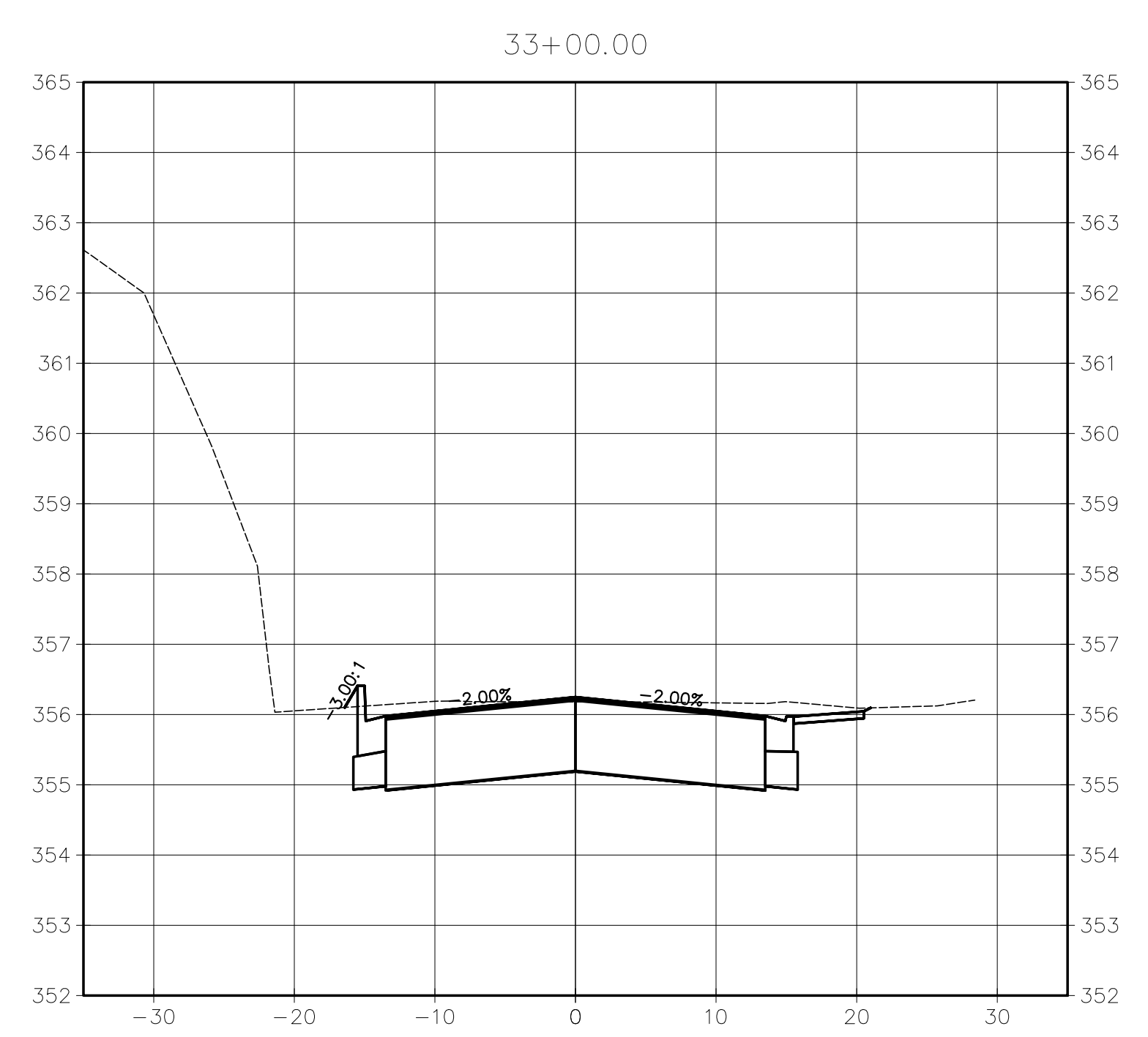
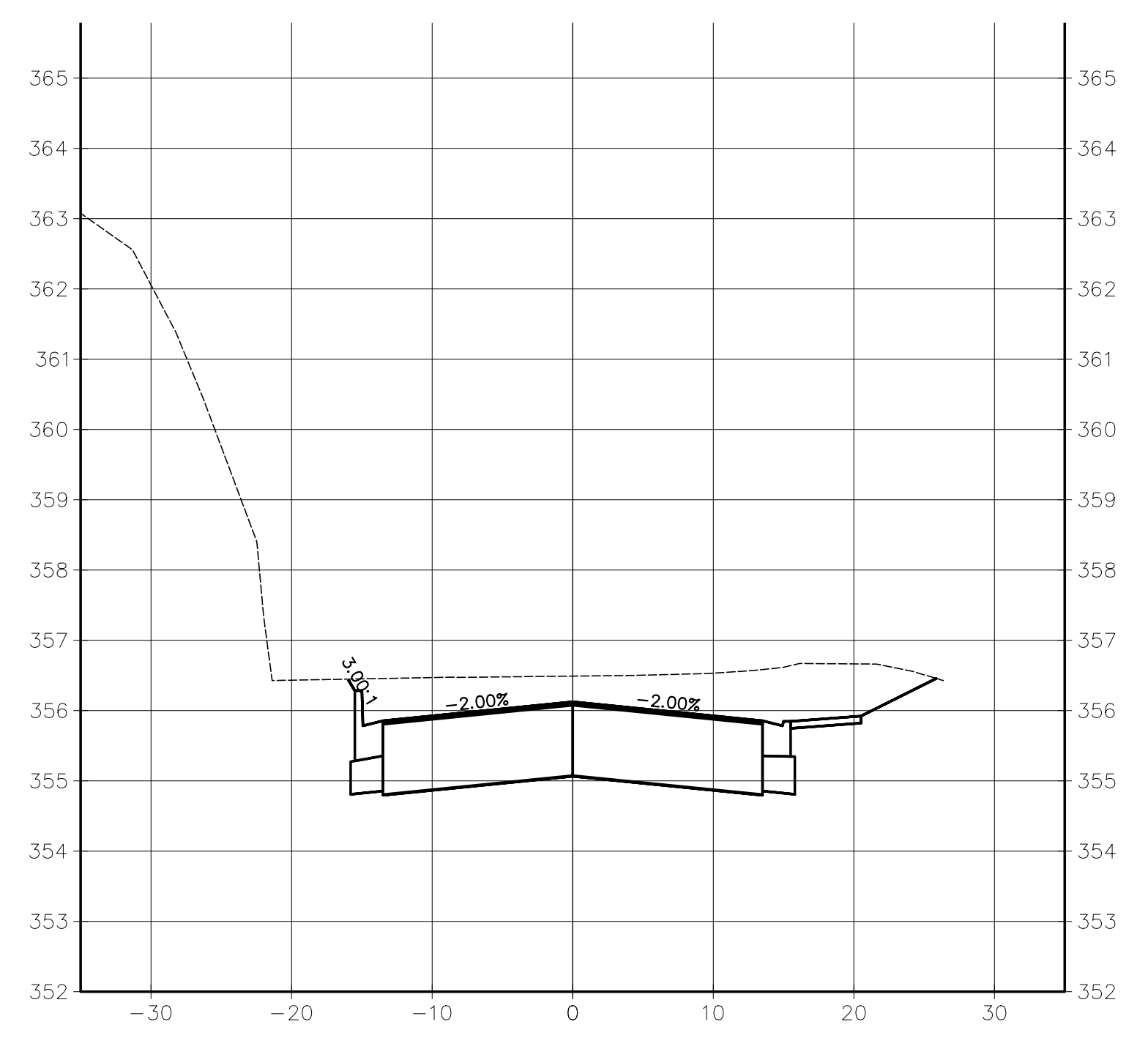
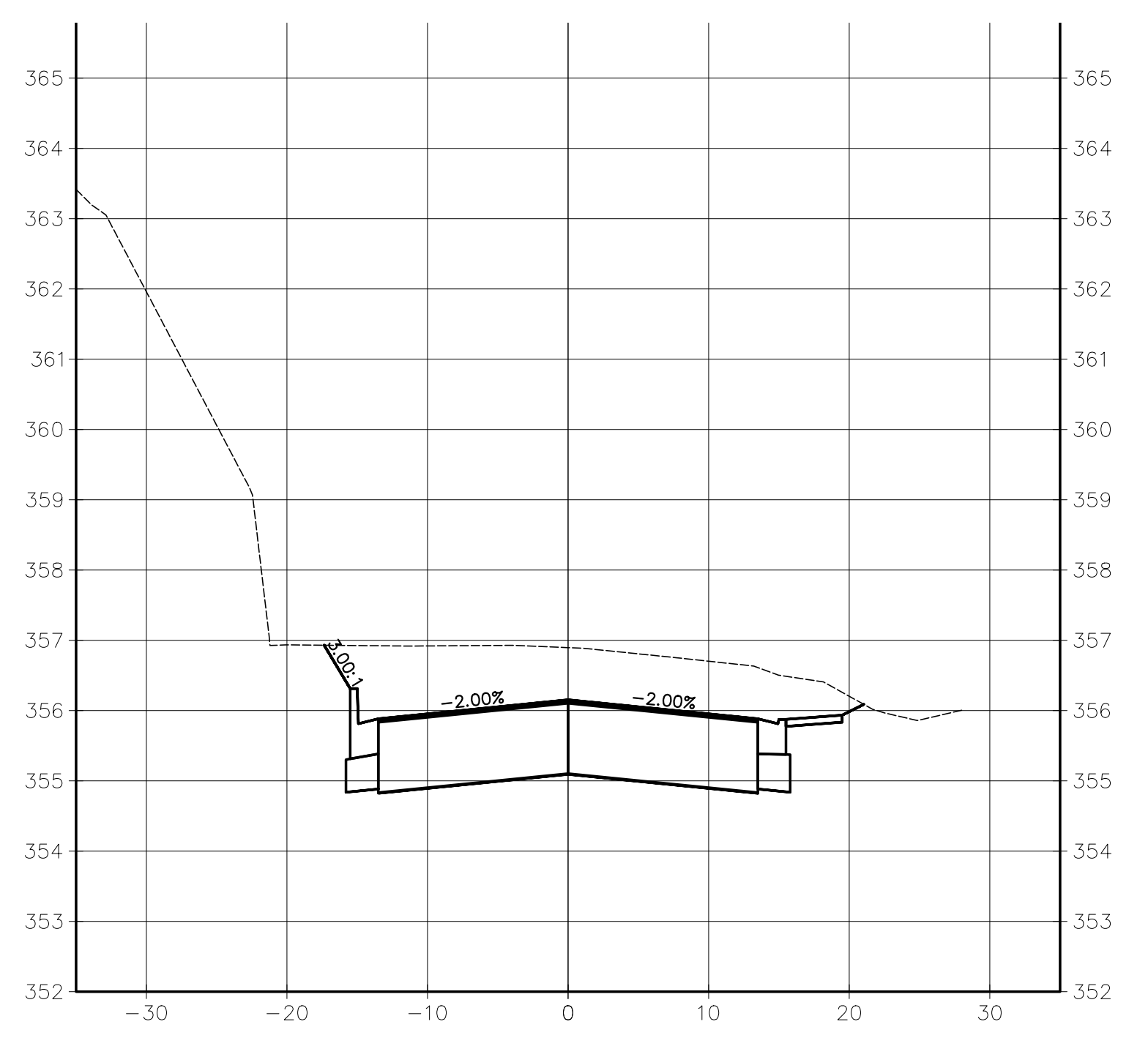
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 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS

**3RD ST. -
 CROSS-SECTIONS**

DRAWING
X-3

JOB NUMBER
2969.2030



NO.	DATE	DESCRIPTION	BY
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 CKD. SW
 DATE: 05/20/2022



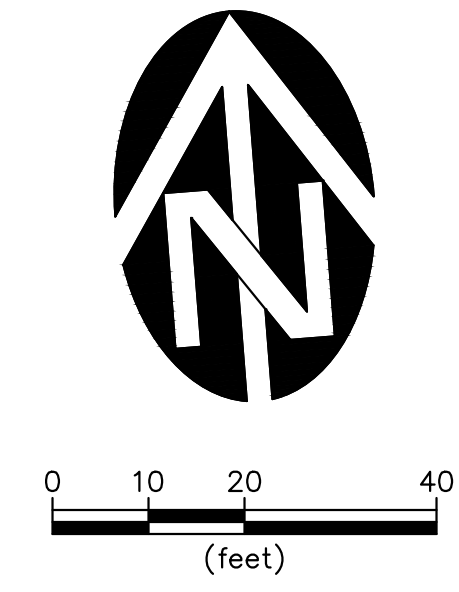
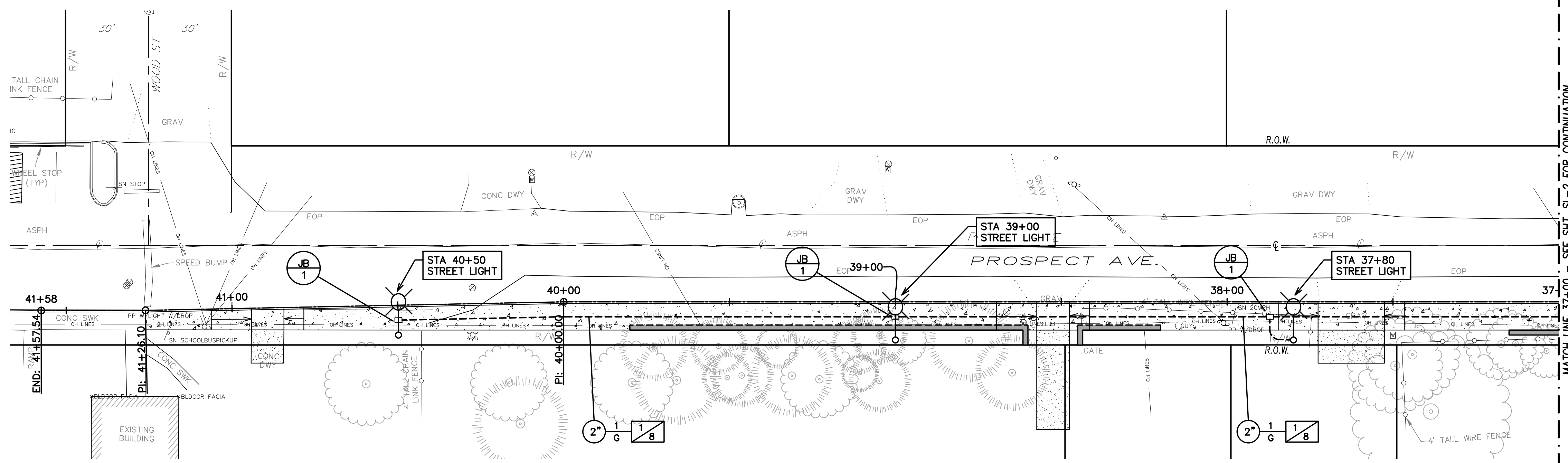
WE
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 3RD ST. -
 CROSS-SECTIONS

DRAWING
X-4

JOB NUMBER
2969.2030



PROSPECT AVE. PLAN STA. 37+00 - END
1" = 20'

STREET LIGHT NOTES:

- CONDUITS: CONDUITS PER PLAN REQUIREMENTS. CONDUIT MAY BE PLACED IN COMMON TRENCH (PUE).
- JUNCTION BOX: FOR UNDERGROUND CONDUCTORS AND CONNECTIONS:
- JUNCTION BOX DESCRIPTION: JUNCTION BOX, CONCRETE POLYMER OR FIBERGLASS REINFORCED POLYMER, NO FLOOR, WITH SKID RESISTANT COVER ATTACHED BY TWO CAPTIVE PENTA-HEAD BOLTS, GRAY COLOR, AASTHTO H-10 LOADING RATING. LID LABELED "STREETLIGHTS". MANUFACTURERS NAME PERMANENTLY IDENTIFIED ON UNDERSIDE OF LID AND INSIDE WALL OF BOX. JB'S SHALL BE PLACED WITH-IN THE SIDEWALK.
- CIRCUIT RUNS WILL USE 2" NON-METALLIC CONDUIT WITH MINIMUM #8 AWG XXXHW WIRE, 2 CONDUCTORS AND 1 GROUND, 240 VOLT CIRCUIT. LOCATE WIRE WILL BE A #16 AWG ORANGE WITH BLUE TRACER WIRE ORIGINATING AT THE SERVICE CABINET RUNNING THROUGH ALL JUNCTION BOXES IN A CIRCUIT UP TO 2500' OF WIRE LENGTH TERMINATING IN A JUNCTION BOX. SPLICES IF REQUIRED MUST COMPLY WITH OREGON STANDARD DRAWING TM475 - LOOP WIRE TO LOOP FEEDER SPLICES. ALL SPLICES TO BE LOCATED IN A JUNCTION BOX. CONDUITS SHALL BE PLACED UNDER THE SIDEWALK.
- LIGHTING REQUIREMENTS:
LEOTECH 45W LIGHT FIXTURE MOUNTED ON 30' (25' MOUNTING HT.) DIRECT BURY FIBERGLASS POLE WITH 6' MAST ARM PER PGE REQUIREMENTS.
- EACH LIGHT NOT REQUIRED TO HAVE A PHOTOELECTRIC SENSOR SHALL BE FITTED WITH A SHORTING CAP WHERE NEEDED TO MAINTAIN THE CIRCUIT. WATTAGE AND TYPE OF LED LUMINAIRE TO PROVIDE THE REQUIRED LIGHT PATTERN MEETING CITY STANDARDS.
- LONG LIFE PHOTOCELL ELECTRONIC RELAY WILL BE MOUNTED ON FIRST LIGHT OF ONE CIRCUIT. CONNECTION WILL UTILIZE A MINIMUM OF 3 #12 WIRES BACK TO SERVICE CABINET. THE LONG LIFE PHOTO CELL PGE IS USING IS A SELC EXTENDED LIFE PHOTO CONTROL, TWIST-LOCK, 105-305V (PGE P/N 90002719, CATALOG 8483).
- EACH LIGHT WILL HAVE A 20" X 15" X 12" PRECAST JUNCTION BOX PLACED IN THE SIDEWALK OR WITH A 12" CONCRETE APRON IF LOCATED IN LANDSCAPING. THE LIGHT WILL CONNECT USING A 1" CONDUIT USING #10 AWG WIRES, AND FITTED WITH A 2 POLE FUSE SYSTEM SIMILAR TO A LITTLEFUSE LEY SERIES USING REUSABLE CONNECTORS AND LOCATED IN THE JUNCTION BOX.
- STANDARD SERVICE CABINET WILL BE A COOPER B-LINE CUP-4111 STREET LIGHT CONTROLLER CABINET ON AN MB1515 MOUNTING PAD INCLUDING GROUND RODS PER COD (OR APPROVED EQUAL). 100 AMP 2 POLE MAIN BREAKER, 20 AMP 2 POLE BRANCH BREAKERS (1 PER CIRCUIT), 30 AMP 2 POLE LIGHTING CONTACTOR (1 PER CIRCUIT), AND 1 - 15 AMP TEST SWITCH WHICH WILL ACTIVATE ALL LIGHTS. CABINET WILL BE SECURED WITH A TRAFFIC SECTION PROVIDED PADLOCK.

NO.	DATE	DESCRIPTION	BY
1	05/20/2022		

VERIFY SCALE
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DRN. RS
CKD. SW

DATE: 05/20/2022

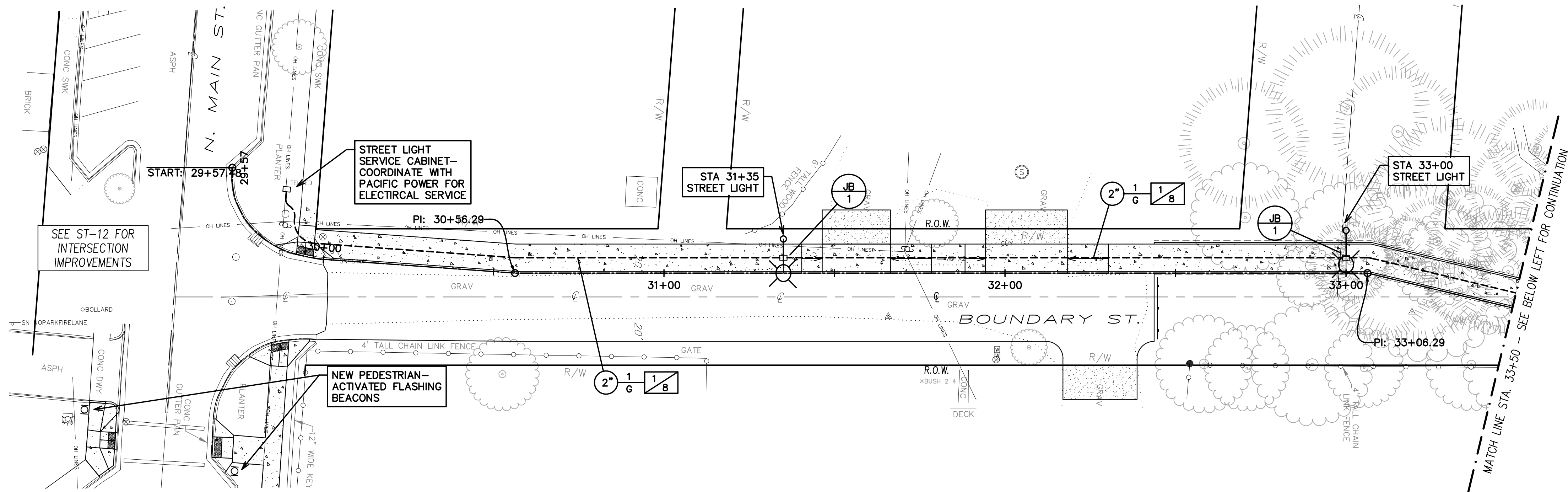
WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS

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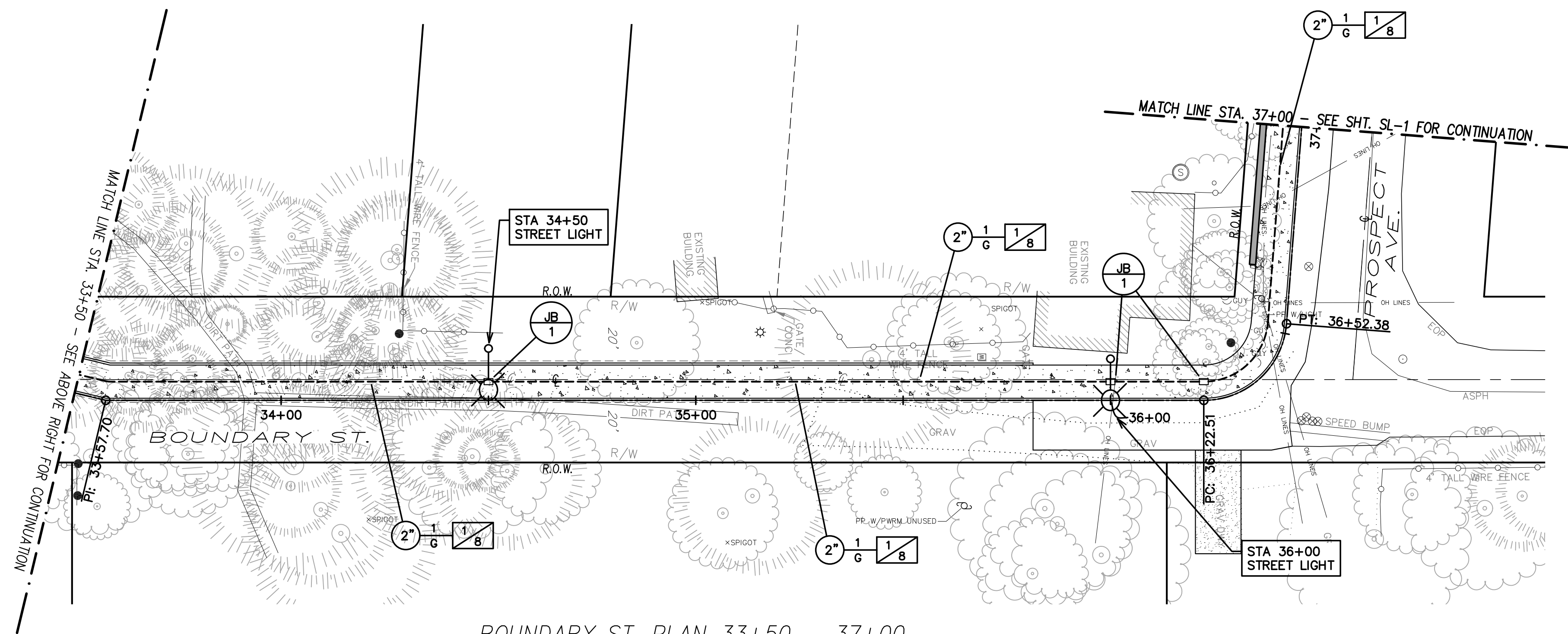
CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
SIGNING & LIGHTING PLAN -
PROSPECT AVE.

DRAWING
SL-1

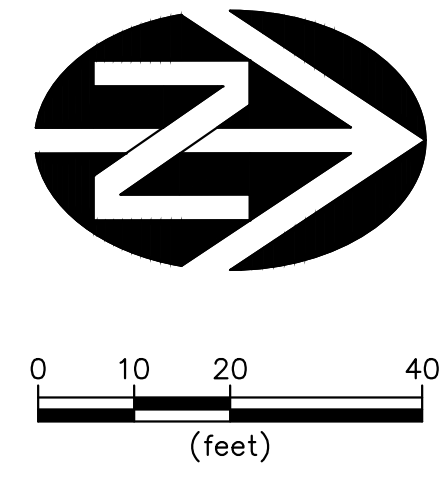
JOB NUMBER
2969.2030



BOUNDARY ST. PLAN 30+00 - 33+50
1" = 20'



BOUNDARY ST. PLAN 33+50 - 37+00
1" = 20'



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CKD. SW

DATE: 05/20/2022

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CONSULTING ENGINEERS AND PLANNERS

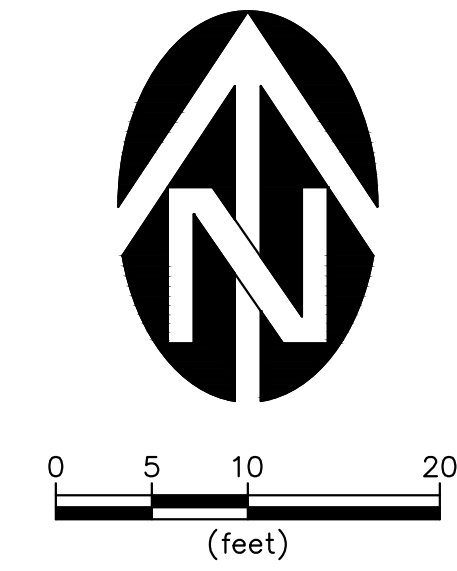
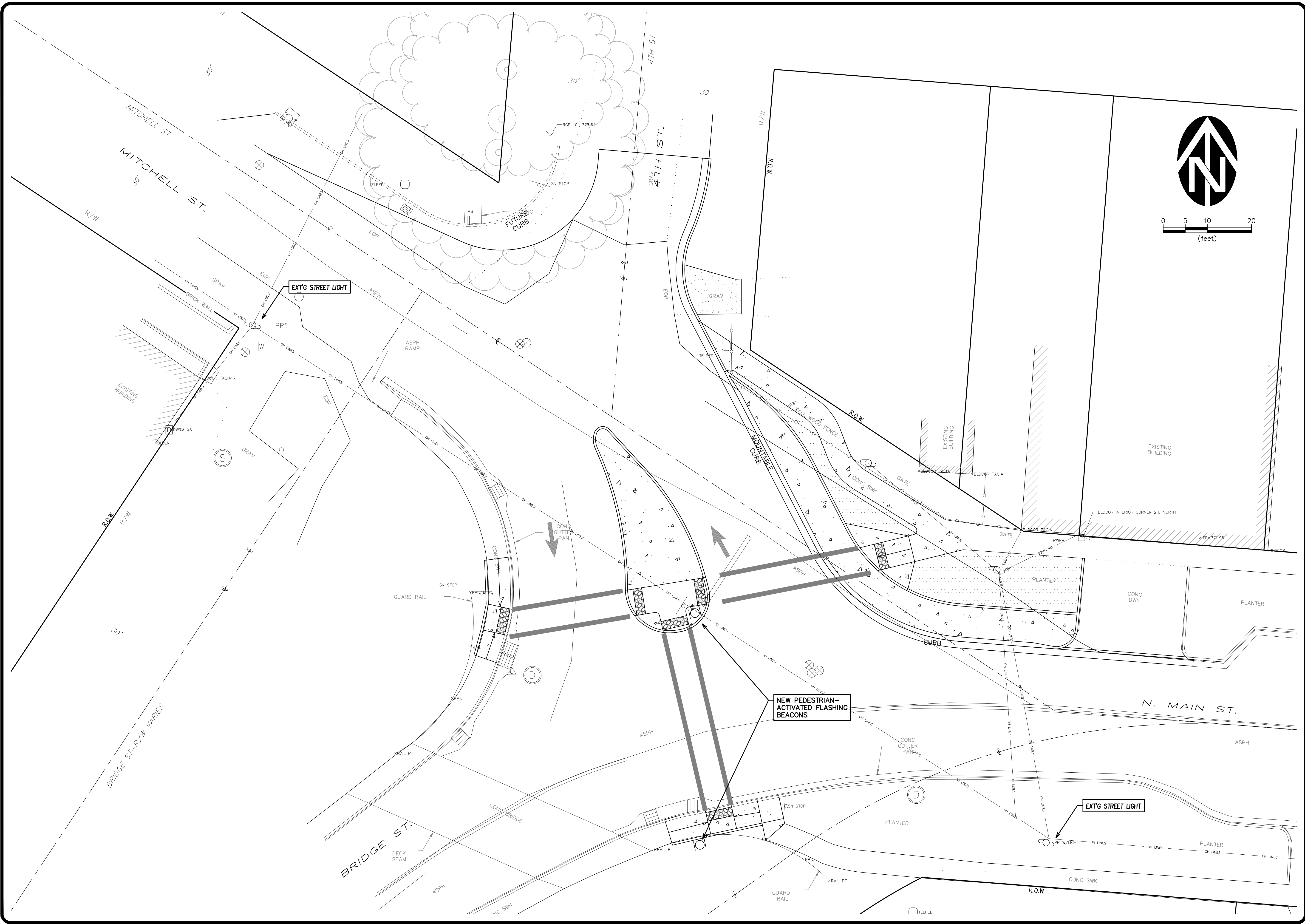
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CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
SIGNING & LIGHTING PLAN
- BOUNDARY ST. & PROSPECT AVE.

DRAWING
SL-2

JOB NUMBER
2969.2030

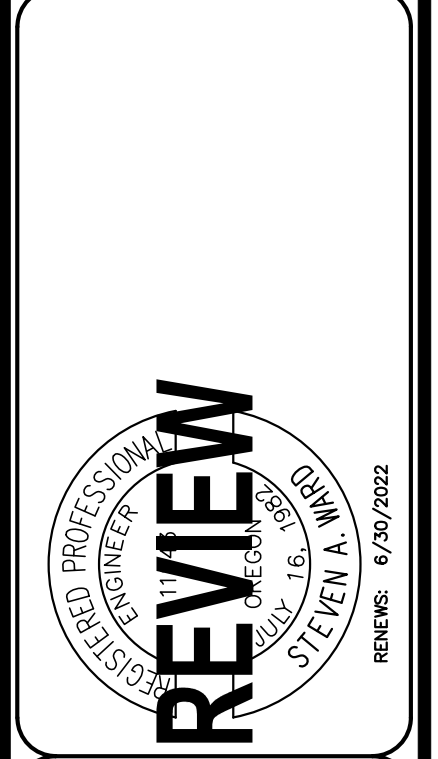
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 CKD. SW
 DATE: 05/20/2022

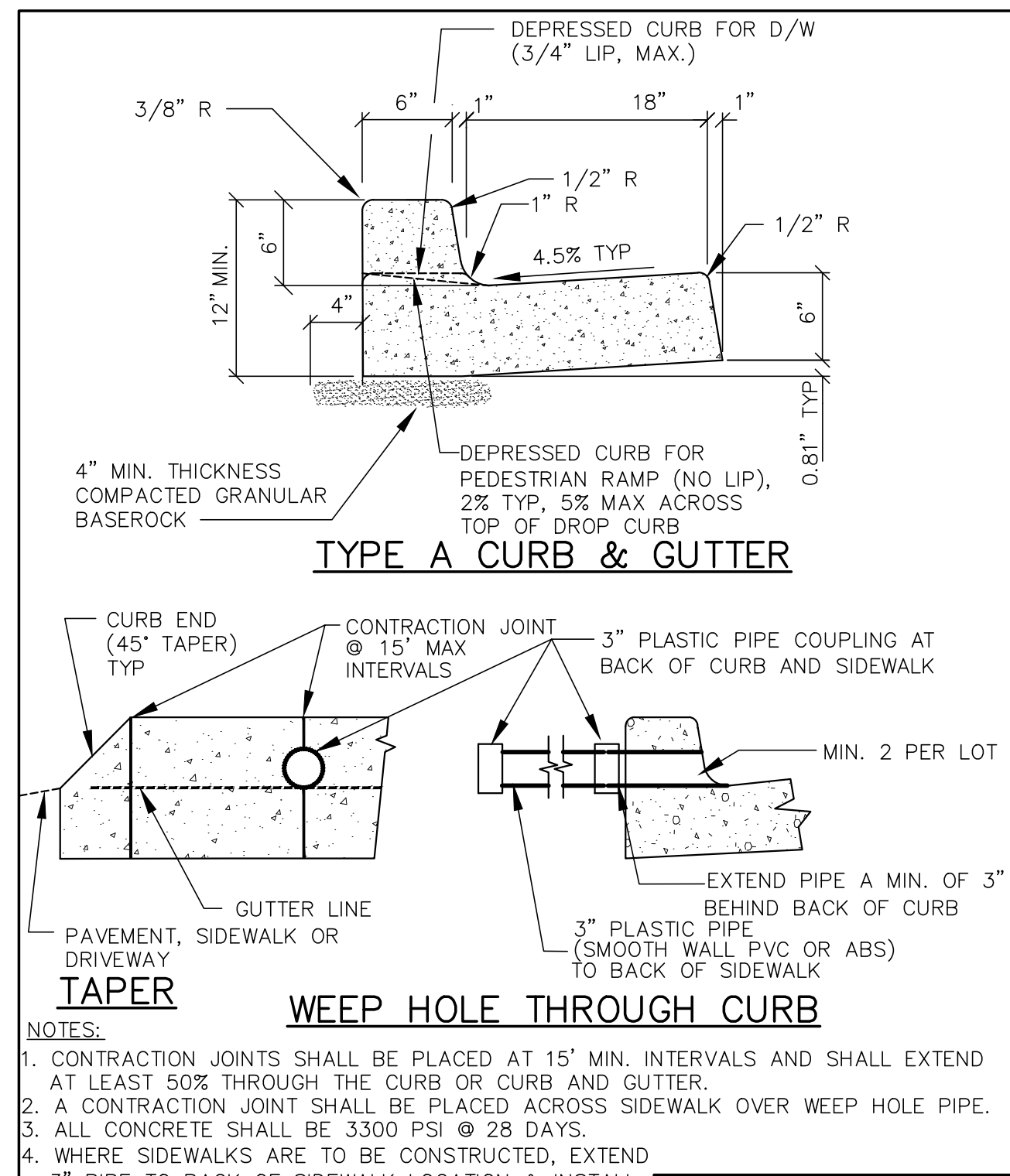


WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

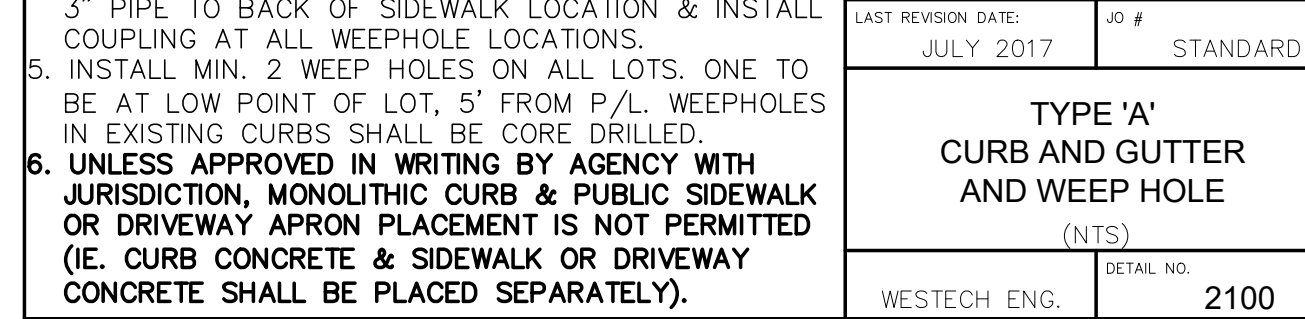
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CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 SIGNING & LIGHTING PLAN -
 N. MAIN & BRIDGE STS.

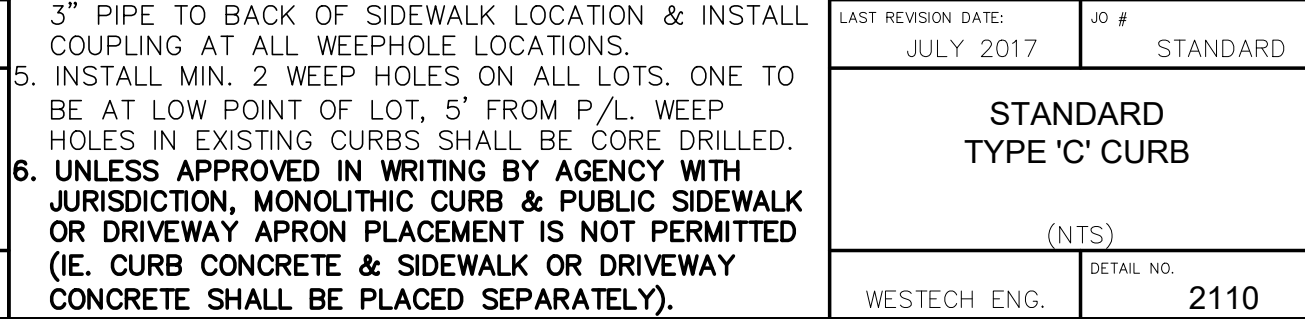
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TYPE A CURB & GUTTER



TYPE 'C' CURB



TAPER

WEEP HOLE THROUGH CURB

NOTES:

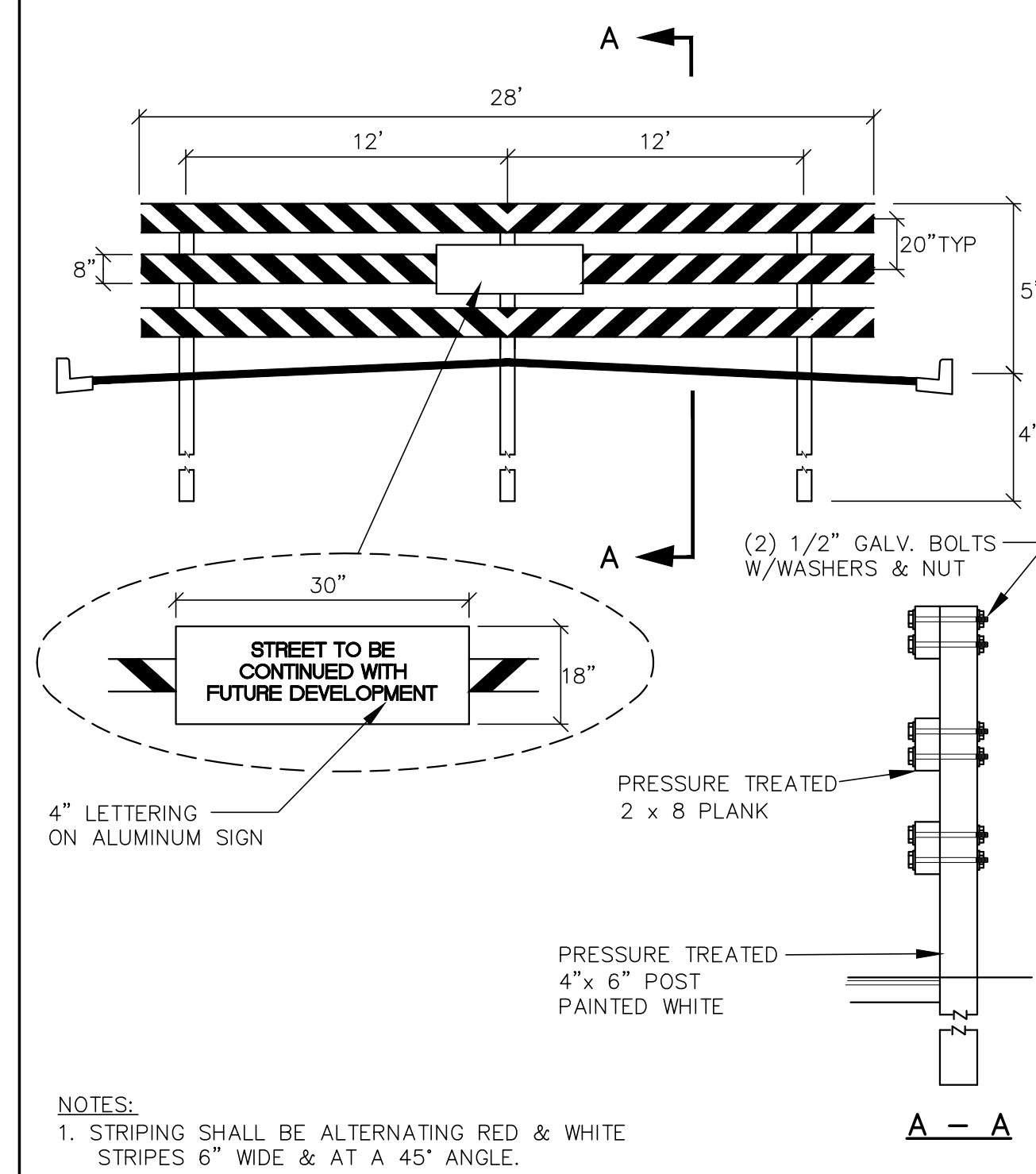
- CONTRACTION JOINTS SHALL BE PLACED AT 15' MIN. INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB AND GUTTER.
- A CONTRACTION JOINT SHALL BE PLACED ACROSS SIDEWALK OVER WEEP HOLE PIPE.
- ALL CONCRETE SHALL BE 3300 PSI @ 28 DAYS.
- WHERE SIDEWALKS ARE TO BE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK LOCATION & INSTALL COUPLING AT ALL WEEP HOLE LOCATIONS.
- INSTALL MIN. 2 WEEP HOLES ON ALL LOTS. ONE TO BE AT LOW POINT OF LOT, 5' FROM P/L. WEEP HOLES IN EXISTING CURBS SHALL BE CORE DRILLED.
- UNLESS APPROVED IN WRITING BY AGENCY WITH JURISDICTION, MONOLITHIC CURB & PUBLIC SIDEWALK OR DRIVEWAY APRON PLACEMENT IS NOT PERMITTED (I.E. CURB CONCRETE & SIDEWALK OR DRIVEWAY CONCRETE SHALL BE PLACED SEPARATELY).

NOTES:

- 7" CURB EXPOSURE FOR ARTERIAL & COLLECTOR STREETS TYPICAL WHERE TYPE C CURB IS ALLOWED.
- 6" EXPOSURE ALL OTHER PUBLIC STREETS, PRIVATE STREETS & PARKING LOTS.
- A CONTRACTION JOINT SHALL BE PLACED ACROSS SIDEWALK OVER WEEP HOLE PIPE.
- ALL CONCRETE SHALL BE 3300 PSI @ 28 DAYS.
- WHERE SIDEWALKS ARE TO BE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK LOCATION & INSTALL COUPLING AT ALL WEEP HOLE LOCATIONS.
- INSTALL MIN. 2 WEEP HOLES ON ALL LOTS. ONE TO BE AT LOW POINT OF LOT, 5' FROM P/L. WEEP HOLES IN EXISTING CURBS SHALL BE CORE DRILLED.
- UNLESS APPROVED IN WRITING BY AGENCY WITH JURISDICTION, MONOLITHIC CURB & PUBLIC SIDEWALK OR DRIVEWAY APRON PLACEMENT IS NOT PERMITTED (I.E. CURB CONCRETE & SIDEWALK OR DRIVEWAY CONCRETE SHALL BE PLACED SEPARATELY).

LAST REVISION DATE:	JULY 2017	JO #	STANDARD
TYPE 'A' CURB AND GUTTER AND WEEP HOLE			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2100	

LAST REVISION DATE:	JULY 2017	JO #	STANDARD
STANDARD TYPE 'C' CURB			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2110	

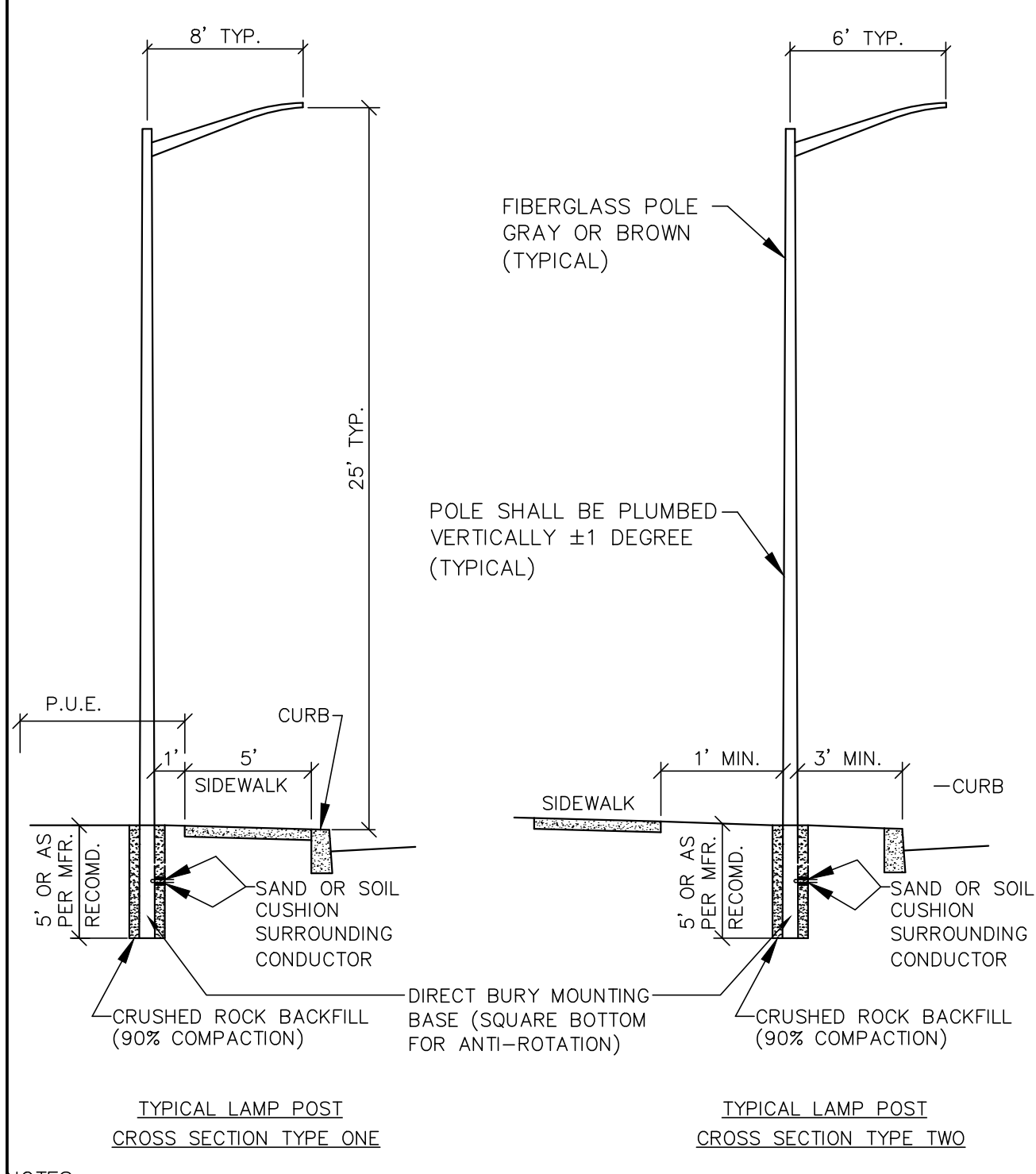


STREET BARRICADE (STUB STREETS)

NOTES:

- STRIPING SHALL BE ALTERNATING RED & WHITE STRIPES 6" WIDE & AT A 45° ANGLE.
- STRIPING SHALL BE EITHER RETRO-REFLECTIVE TAPE OR PAINTED WITH A SEALED RETRO-REFLECTIVE SURFACE.
- BARRICADE SHALL BE LOCATED WITHIN THE RESERVE STRIP, IF PRESENT.

LAST REVISION DATE:	MAY 2014	JO #	STANDARD
STREET BARRICADE (STUB STREETS)			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2251	

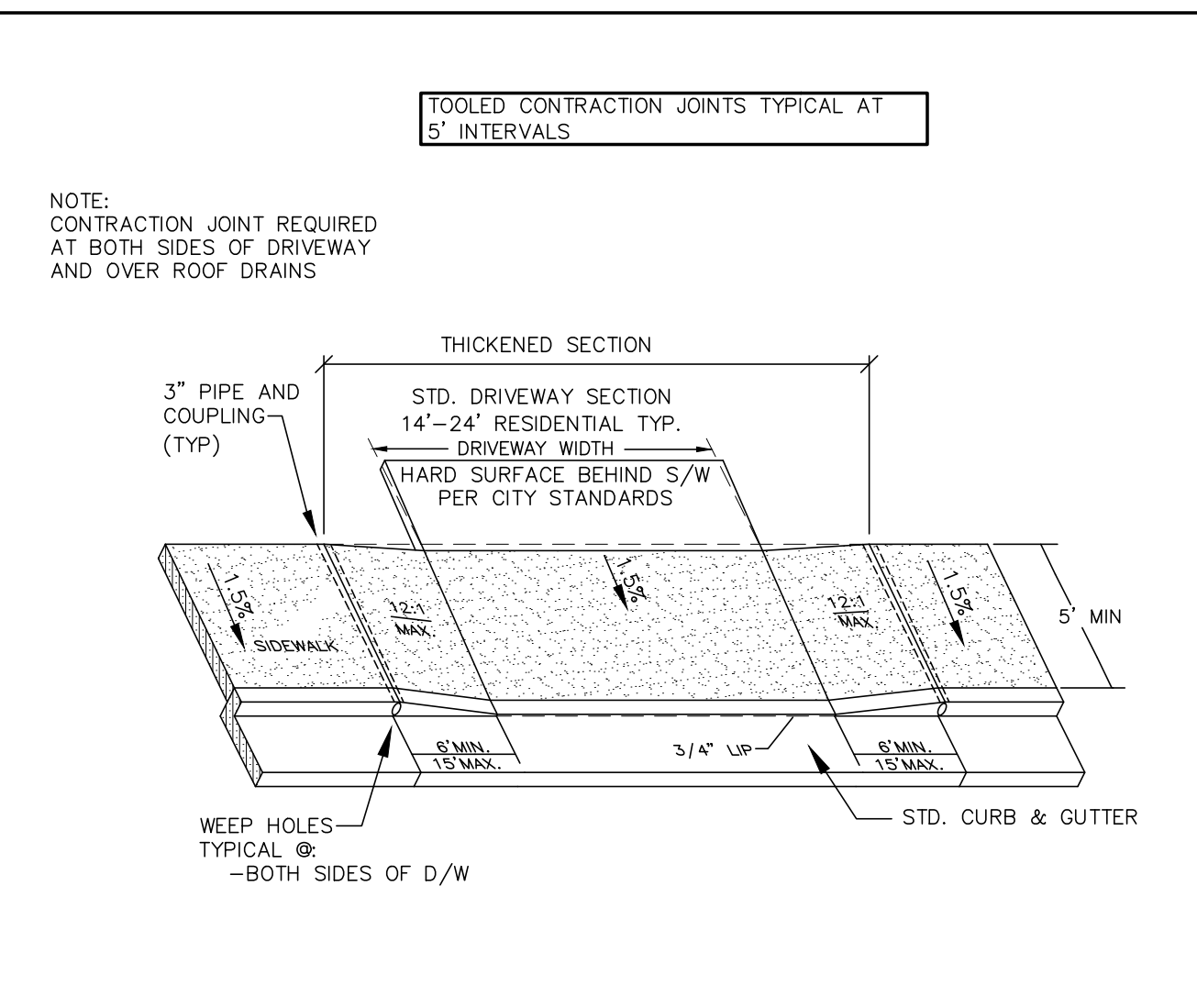


TYPICAL STREET LAMP POST

NOTES:

- CONTRACTOR TO COORDINATE W/LOCAL POWER COMPANY FOR MATERIALS AND WORKMANSHIP REQUIREMENTS.
- PER ORS 92.044(7), STREET LIGHT MUST BE SET 1' MINIMUM CLEAR FROM ANY SURVEY MONUMENT

LAST REVISION DATE:	MAY 2016	JO #	STANDARD
TYPICAL STREET LAMP POST			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2300	

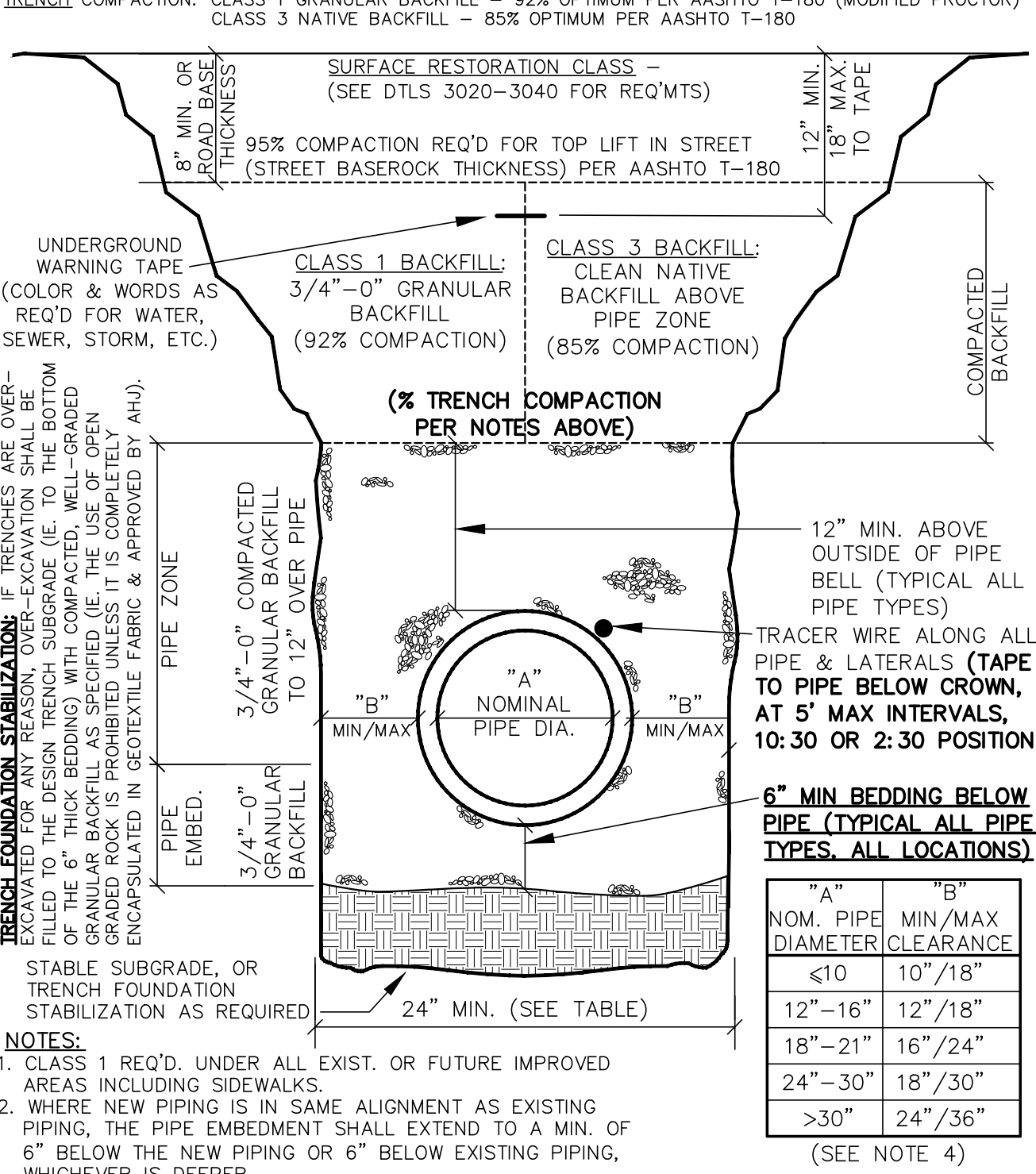


RESIDENTIAL D/W APRON AT POSITIVE GRADE D/W'S CURBLINE SIDEWALK

NOTES:

- SEE DETAIL 212 FOR STANDARD SIDEWALK DETAILS. USE OF THIS DETAIL REQUIRES SPECIFIC APPROVAL BY PUBLIC WORKS PRIOR TO FORMING (SEE NOTE 8).
- CONCRETE THICKNESS: CONCRETE DEPTH FOR STANDARD SIDEWALKS SHALL BE 4" MIN. SF & DUPLEX RESIDENTIAL DRIVEWAY SECTIONS INCLUDING SIDEWALKS THROUGH DRIVEWAYS SHALL BE 6" MIN. THICKNESS.
- MONOLITHIC PLACEMENT OF CONCRETE FOR STREET CURB & PARALLEL PUBLIC SIDEWALK IS PROHIBITED.
- DRIVEWAY APPROACH SHOWN ON THIS DETAIL NOT ALLOWED ON LOTS WITH DRIVEWAYS BELOW CURB ELEVATION (ADVERSE GRADE) UNLESS A CATCH BASIN IS PROVIDED WITHIN 125 FEET UPHILL ALONG CURBLINE, AND DRIVEWAY IS NOT LOCATED AT STREET LOW POINT.
- CONCRETE SHALL BE 3300 PSI @ 28 DAYS.
- PCC APRONS SHALL BE JOINED TO MATCH SIDEWALK PATTERN.
- SIDEWALKS SHALL BE LOCATED ENTIRELY WITHIN RIGHT-OF-WAY OR SIDEWALK EASEMENTS, INCLUDING SIDEWALKS AT INTERSECTIONS.
- CROSS SLOPE IS MEASURED FROM HORIZONTAL.
- RUNNING SLOPE OF SIDEWALK AT TRANSITION DOWN TO DRIVEWAYS SHALL TYPICALLY NOT EXCEED 1V:12H (8.33%), BUT SHALL NOT REQUIRE THE LENGTH TO EXCEED 15 FEET.

LAST REVISION DATE:	AUG 2019	JO #	STANDARD
RESIDENTIAL D/W APRON AT POSITIVE GRADE D/W'S CURBLINE SIDEWALK			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2123	

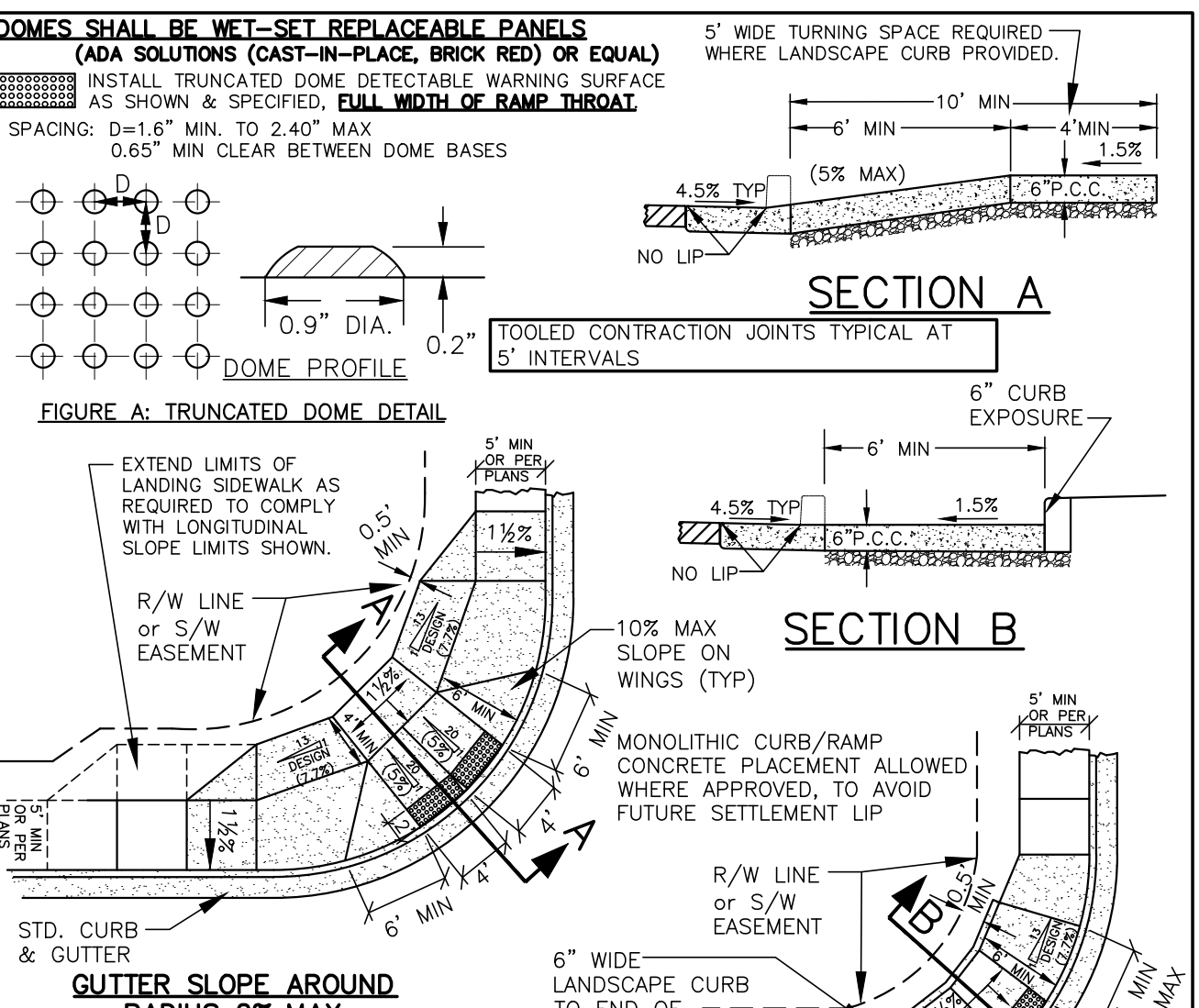


TRENCH BACKFILL, BEDDING, AND PIPE ZONE

NOTES:

- CLASS 1 REQ'D. UNDER ALL EXIST. OR FUTURE IMPROVED AREAS INCLUDING SIDEWALKS.
- WHERE NEW PIPING IS IN SAME ALIGNMENT AS EXISTING PIPING, THE PIPE EMBEDMENT SHALL EXTEND TO A MIN. OF 6" BELOW THE NEW PIPING OR 6" BELOW EXISTING PIPING, WHICHEVER IS DEEPER.
- FOR FLEXIBLE PIPE, BOTTOM OF TRENCH SHORING SHALL BE ABOVE PIPE SPRINGLINE PRIOR TO COMPACTING BACKFILL BELOW THE PIPE SPRINGLINE AND UNDER THE PIPE HAUNCHES.
- MINIMUM CLEARANCES SHOWN ("B") ASSUMES STANDARD 6" WALL TRENCH BOXES SET ON TRENCH BOTTOM, AND REPRESENTS WIDTH REQUIRED TO CONSOLIDATE GRANULAR MATERIAL UNDER PIPE HAUNCHES (TO AVOID LOSS OF SIDE SUPPORT WHEN TRENCH BOX IS MOVED OR PULLED FORWARD). TRENCH WIDTH REDUCTION REQUIRES PRIOR APPROVAL BASED ON ACTUAL TRENCH SHORING PROPOSED.

LAST REVISION DATE:	FEB 2020	JO #	STANDARD
TRENCH BACKFILL, BEDDING, AND PIPE ZONE			
(NTS)			
WESTTECH ENG.	DETAIL NO.	3010	

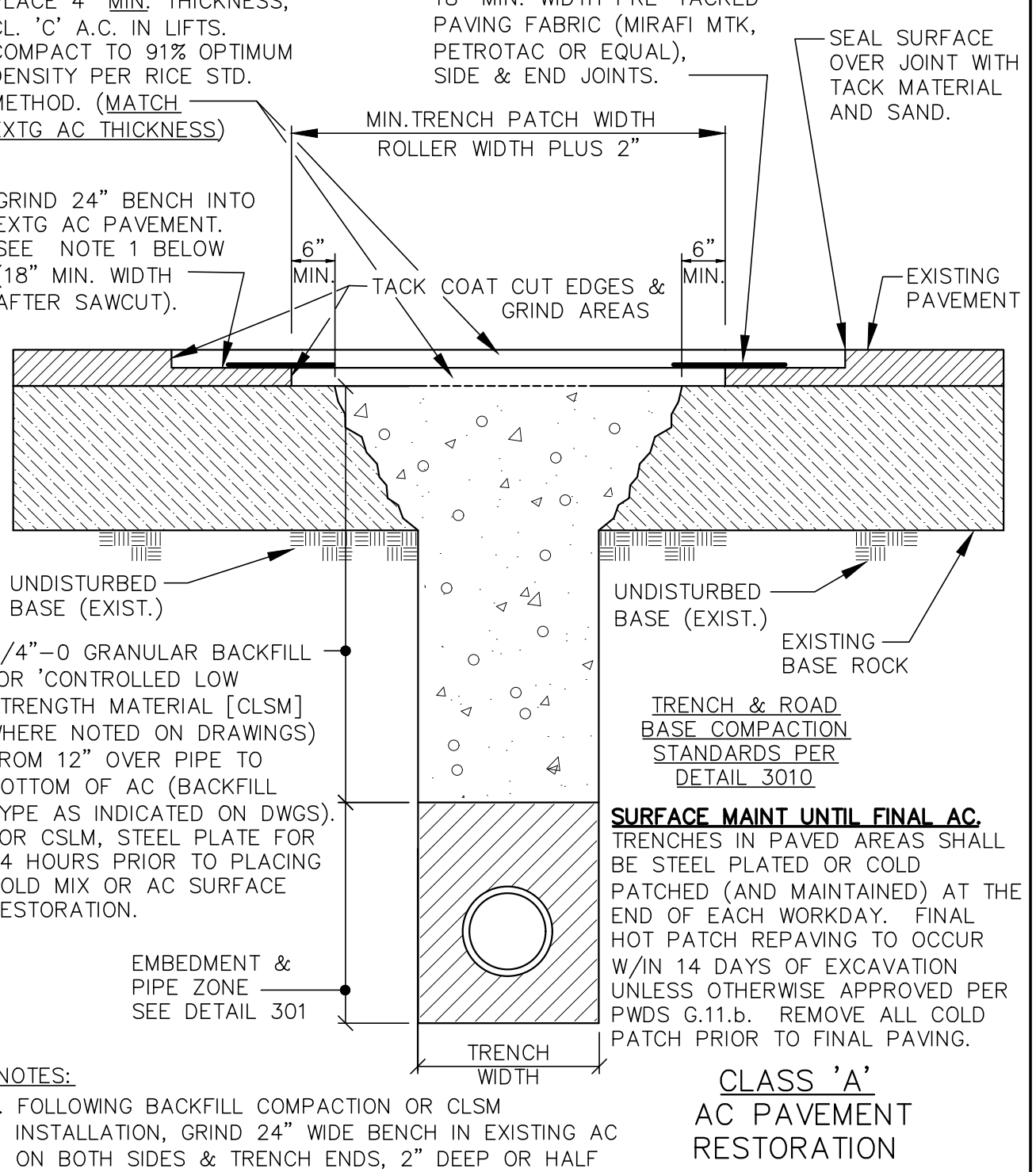


INTERSECTION CURB RAMPS CURB LINE SIDEWALKS LOCAL STREETS

GENERAL NOTES:

- SEE NOTE & DETAIL ABOVE FOR REQUIRED REPLACEABLE DOME STYLE & COLOR (PANEL OR RADIUS STYLE).
- SEE TYPICAL STREET SECTIONS FOR SIDEWALK WIDTH.
- ALL RAMPS AND TRANSITIONS SHALL BE ADA & PROWAG COMPLIANT.
- LANDINGS & TURNING AREAS SHALL HAVE A MIN. WIDTH & DEPTH OF 4 FEET.
- CROSS SLOPES SHOWN ARE MEASURED FROM HORIZONTAL.
- SHADED SIDEWALK & RAMP AREAS TO BE CONSTRUCTED W/STREET IMPROVEMENTS, AND SHALL BE 6" THICK CONCRETE.
- DROP CURBS FOR HANDICAP RAMPS SHALL BE CONSTRUCTED WITH NO LIP AT THE GUTTER LINE OR EDGE OF PAVEMENT.
- PROVIDE 6-INCH WIDE CONCRETE LANDSCAPE CURB AT BACK OF RAMP ON DOWNHILL SIDE OF STREET, OR AS REQUIRED TO CONTAIN LANDSCAPING (SEE "A" NOTE ABOVE).
- PROVIDE 4" MIN. COMPACTED BASEROCK UNDER ALL S/W.
- WHERE GRADE LIMITS SHOWN CANNOT BE SATISFIED (I.E. APPROACH, LANDING OR WINGS), CONSTRUCT RAMP SHOWN ON DETAIL 2148 & TRANSITION TO CURBLINE SIDEWALK.
- DESIGN RUNNING SLOPE OF SIDEWALK APPROACH TO LANDINGS SHALL TYPICALLY NOT EXCEED 1V:13H (7.7%), BUT SHALL NOT REQUIRE THE LENGTH TO EXCEED 15 FEET.

LAST REVISION DATE:	AUG 2019	JO #	STANDARD
INTERSECTION CURB RAMPS CURB LINE SIDEWALKS LOCAL STREETS			
(NTS)			
WESTTECH ENG.	DETAIL NO.	2140	



AC STREET CUT SURFACE RESTORATION W/BENCH GRIND

NOTES:

- FOLLOWING BACKFILL COMPACTION OR CLSM INSTALLATION, GRIND 24" WIDE BENCH IN EXISTING AC ON BOTH SIDES & TRENCH ENDS, 2" DEEP OR HALF THE DEPTH OF EXISTING AC (3" MAX).
- AFTER GRINDING, SAWCUT ALONG TRENCH SIDES, 6" BACK FROM TRENCH EDGE.
- BASE LIFTS (3" MAX LIFT) TO LEVEL OF BENCH GRIND.
- FINISH LIFT: INSTALL JOINT SEAL FABRIC, TACK COAT GRIND SURFACES & EDGES, & INSTALL TOP LIFT OF AC. SAND SEAL ALL JOINTS (REMOVE EXCESS SAND AFTER CURE).

LAST REVISION DATE:	DEC 2015	JO #	STANDARD
AC STREET CUT SURFACE RESTORATION W/BENCH GRIND			
(NTS)			
WESTTECH ENG.	DETAIL NO.	3021	

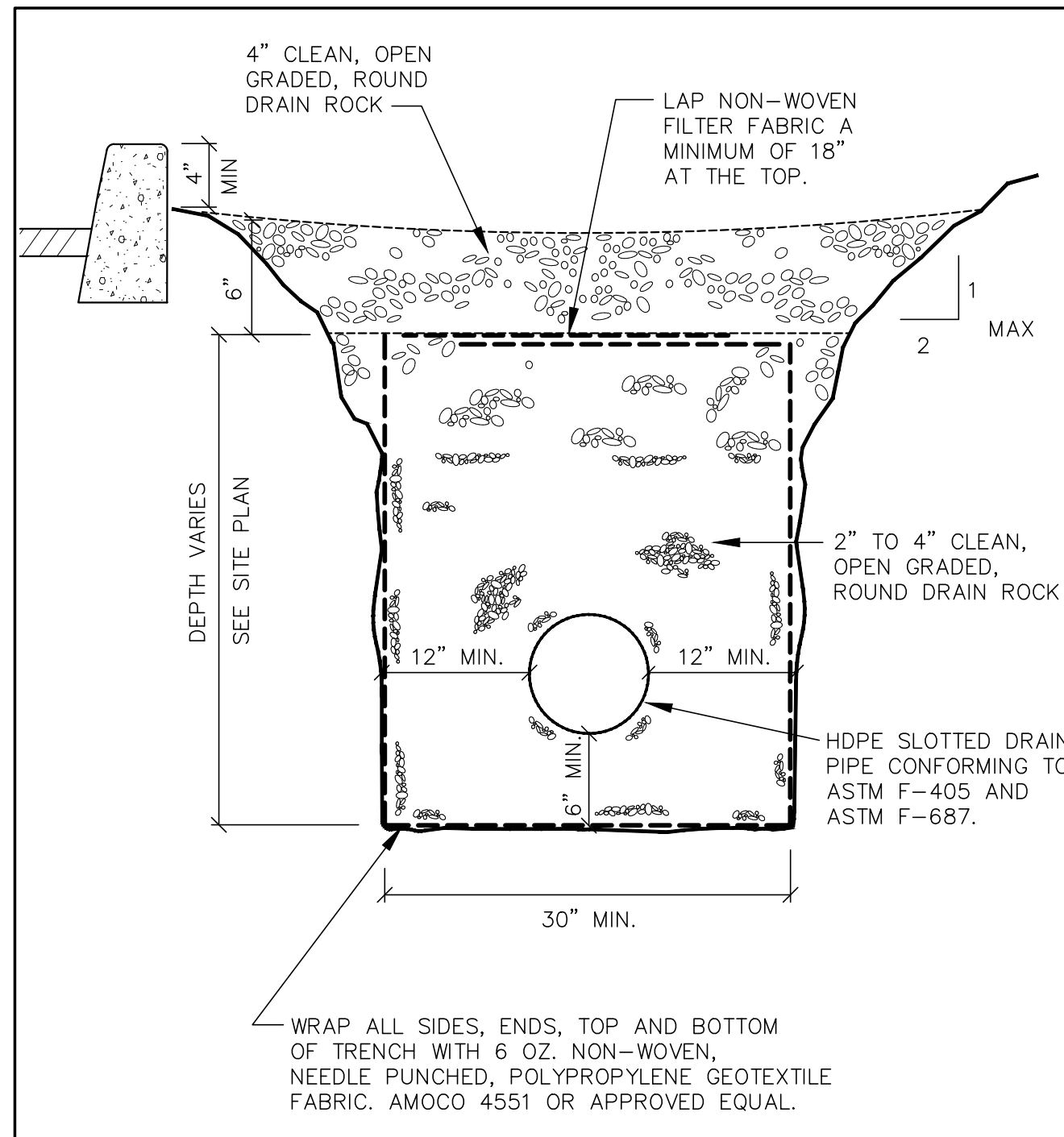
CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
CIVIL DETAILS
DRAWING D-1
JOB NUMBER 2969.2030

VERIFIED SCALE: 1" = 10'-0" (AS SHOWN)
IF NOT ONE INCH ON SCALE, ACCURACY IS NOT GUARANTEED

WESTTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3966
E-mail: westtech@westtech-eng.com

REVIEW
DATE: 6/29/2022

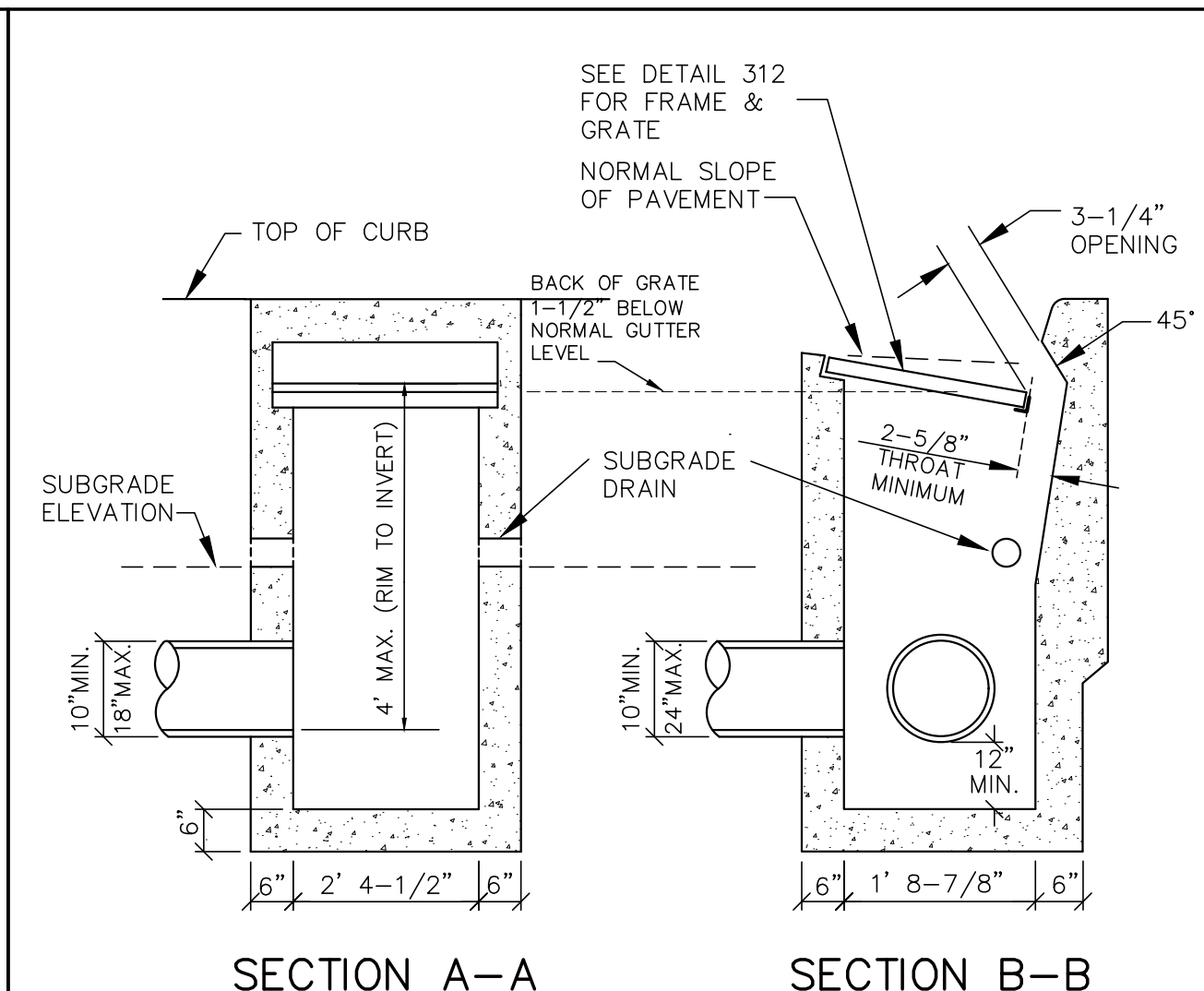
NO.	DATE	DESCRIPTION	BY
1			



NOTES:

- DO NOT PLACE TOPSOIL OR BARKDUST OVER TOP OF DRAIN TRENCH.
- SLOPE TRENCH SURFACE TO DRAIN AS SHOWN ON THE GRADING PLAN.
- SEE PLANS FOR SIZE OF PIPE AND LOCATION OF DRAIN TRENCH.

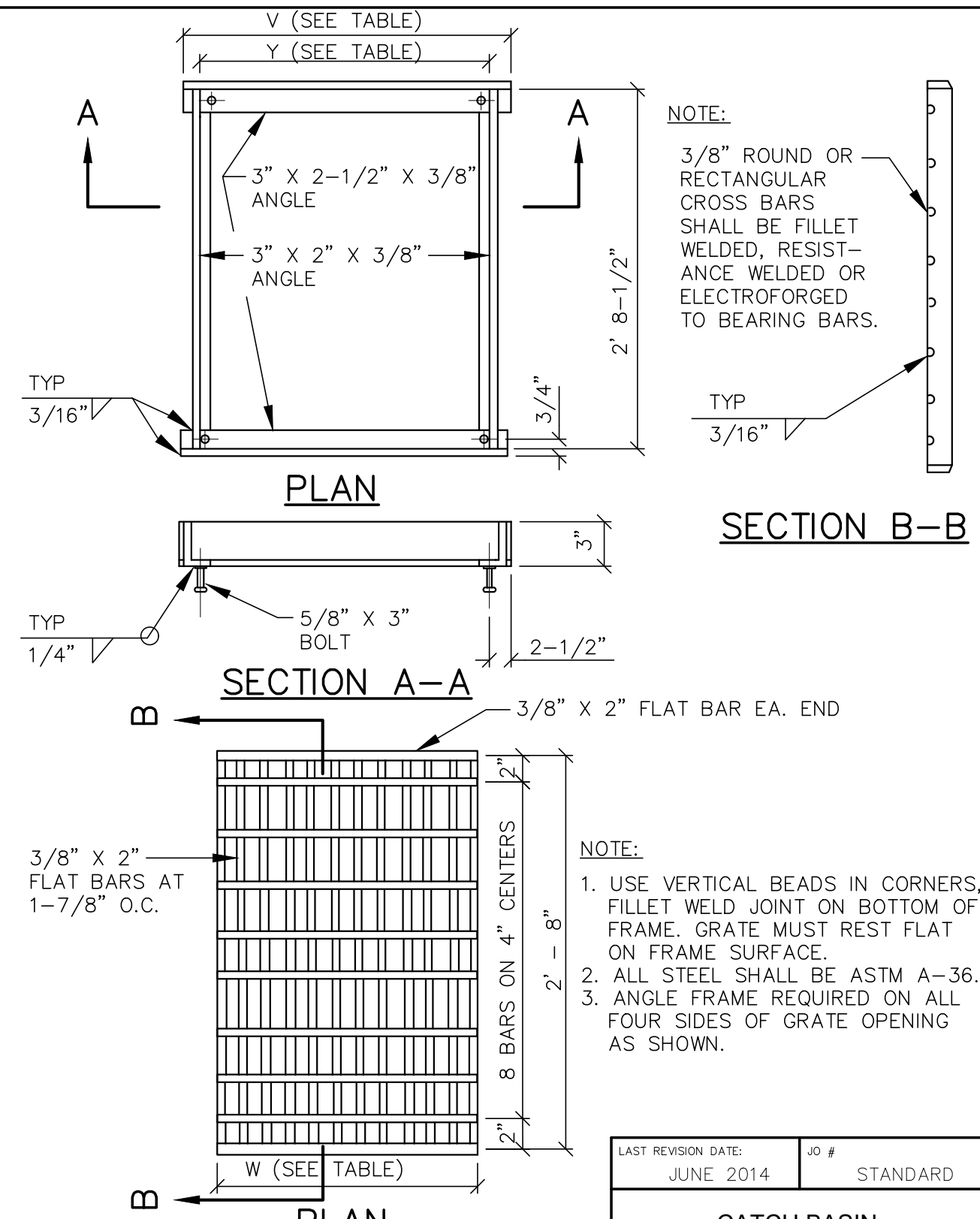
LAST REVISION DATE:	DEC 1999	JO #	STANDARD
PERFORATED PIPE DRAIN TRENCH			
(NTS)			
WESTTECH ENG.	DETAIL NO. 3050		



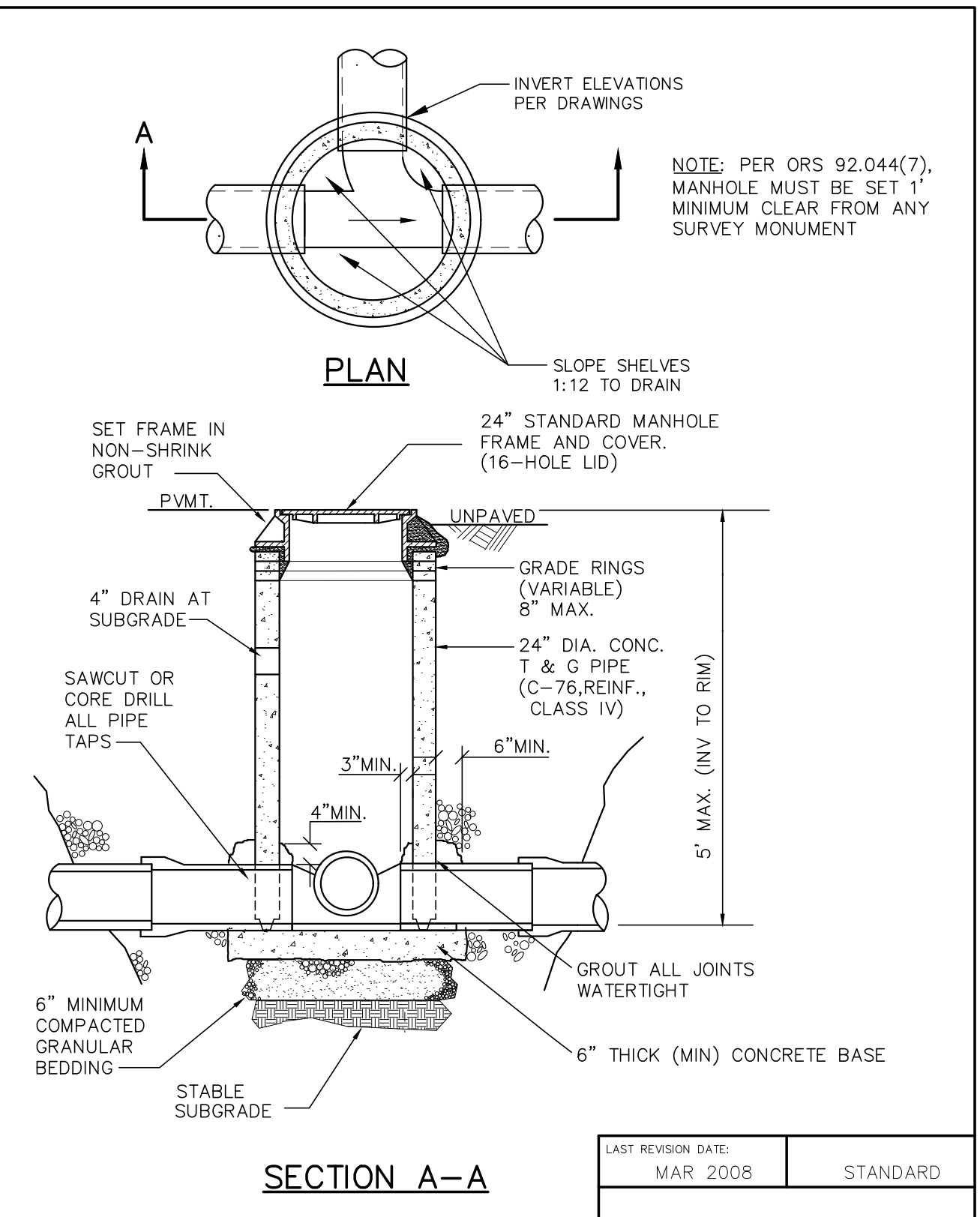
NOTES:

- SEE CONSTRUCTION DRAWINGS FOR PIPE SIZE, LOCATION AND INVERT ELEVATION.
- ALL CONCRETE TO BE 3300 PSI @ 28 DAYS.
- MATCH EXISTING CURB UNLESS OTHERWISE NOTED.
- CURB-INLET NOTCH TO BE ELIMINATED AT DROP CURB LOCATIONS WHERE APPROVED BY THE CITY.

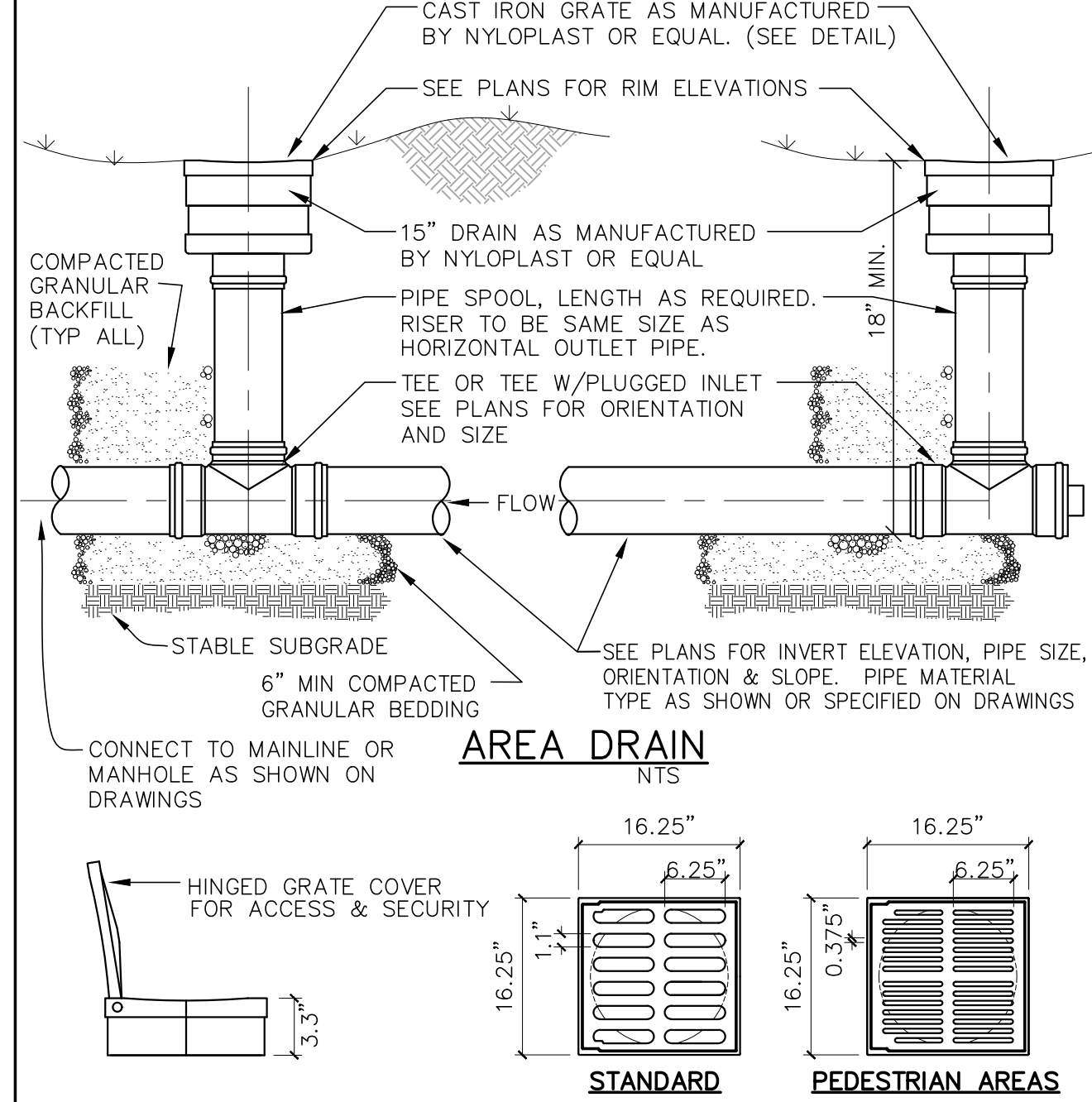
LAST REVISION DATE:	JUNE 2014	JO #	STANDARD
STANDARD SIDE-INLET GRATED CATCH BASIN			
(NTS)			
WESTTECH ENG.	DETAIL NO. 3100		



LAST REVISION DATE:	JUNE 2014	JO #	STANDARD
CATCH BASIN GRATE DETAILS			
(NTS)			
WESTTECH ENG.	DETAIL NO. 3120		



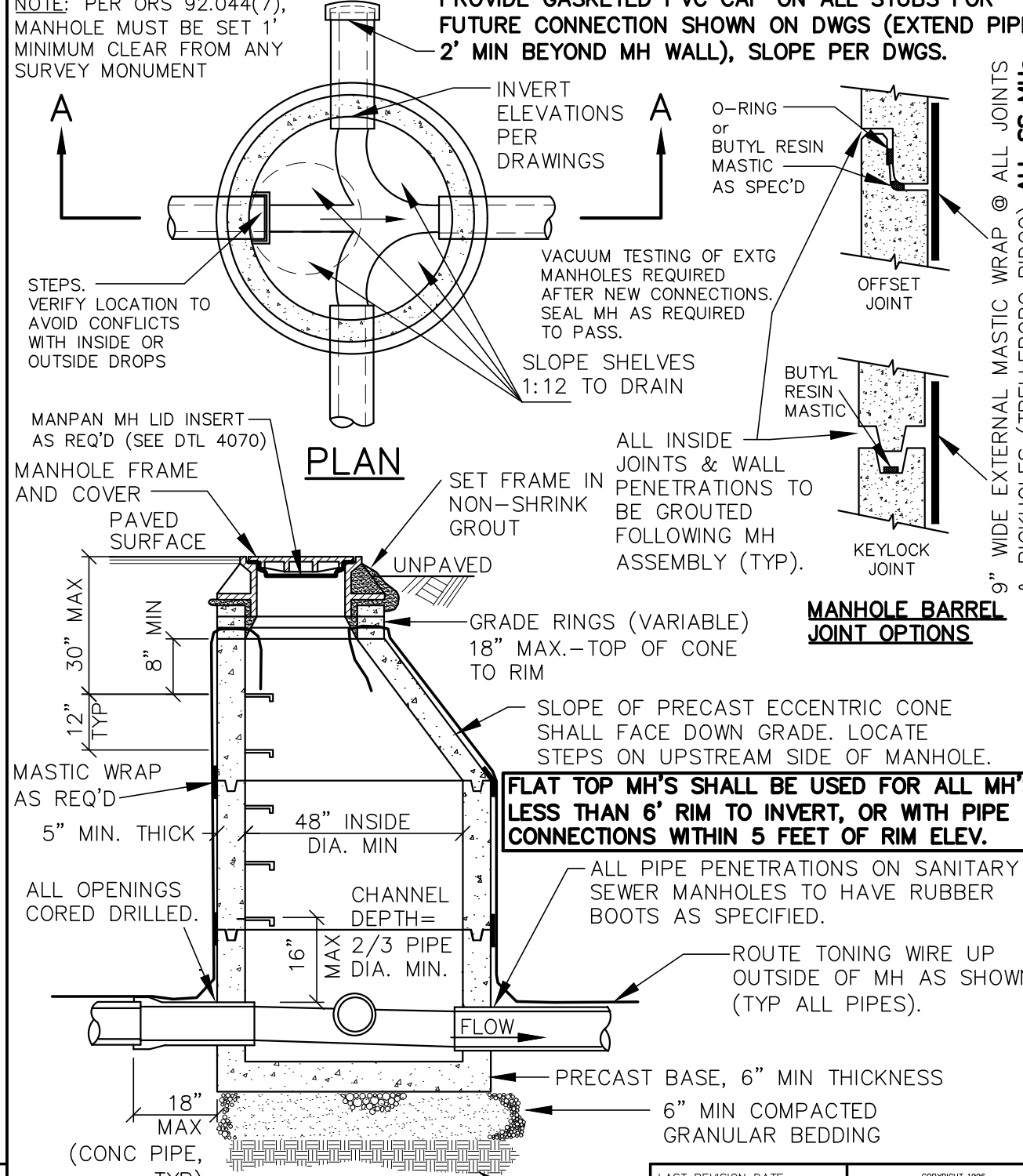
LAST REVISION DATE:	MAR 2008	JO #	STANDARD
24" DIA. STORM MANHOLE			
(NTS)			
WESTTECH ENG.	DETAIL NO. 3500		



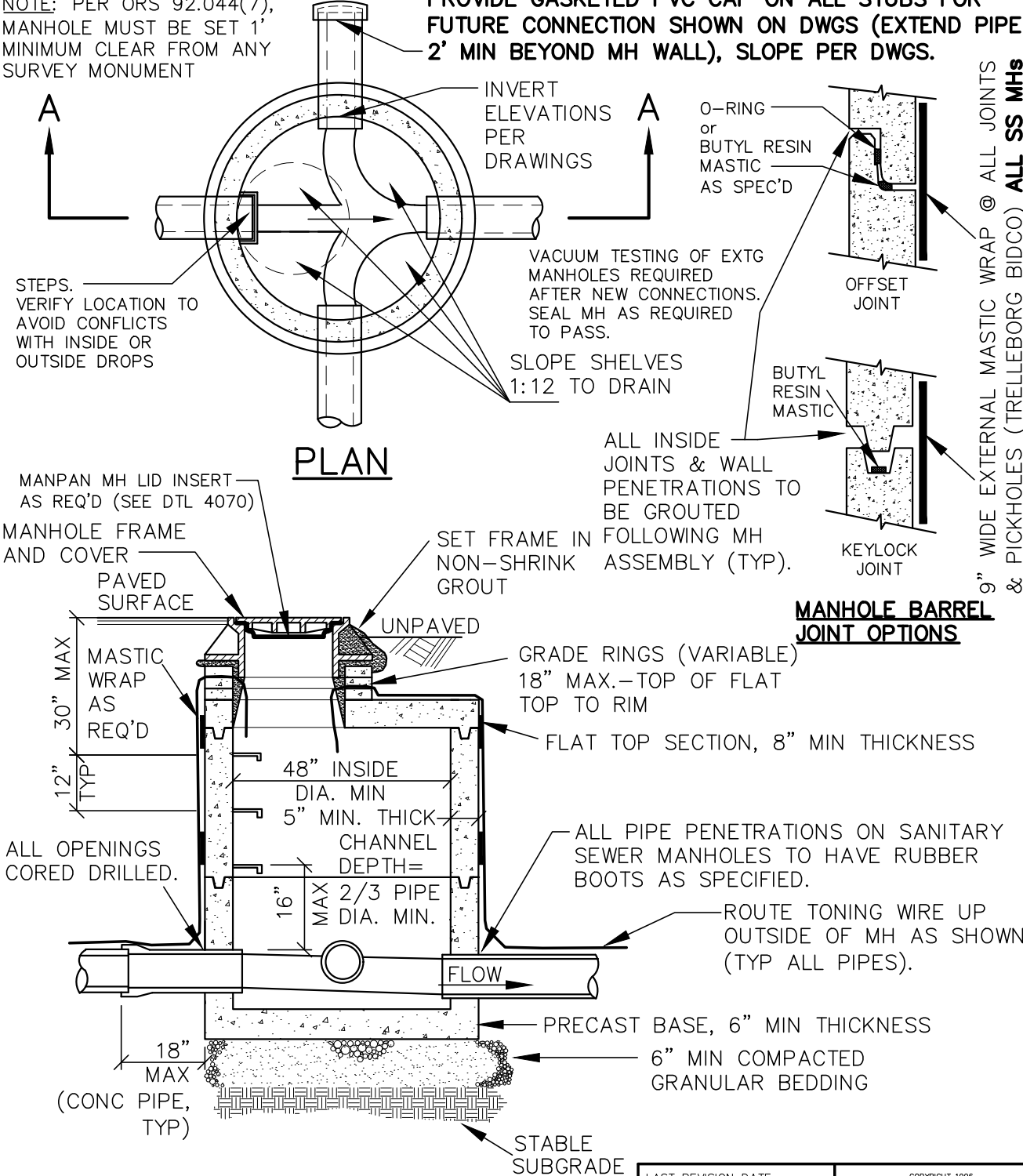
NOTES:

- AREA DRAIN NOT FOR USE IN AREAS SUBJECT TO VEHICLE TRAFFIC.
- USE WATERTIGHT GASKETED FITTINGS AND ADAPTORS FOR ALL PIPE CONNECTIONS.
- ALL GRATES IN PEDESTRIAN AREAS SHALL CONFORM WITH ADA REQUIREMENTS, INCLUDING GRATE OPENING SIZE.

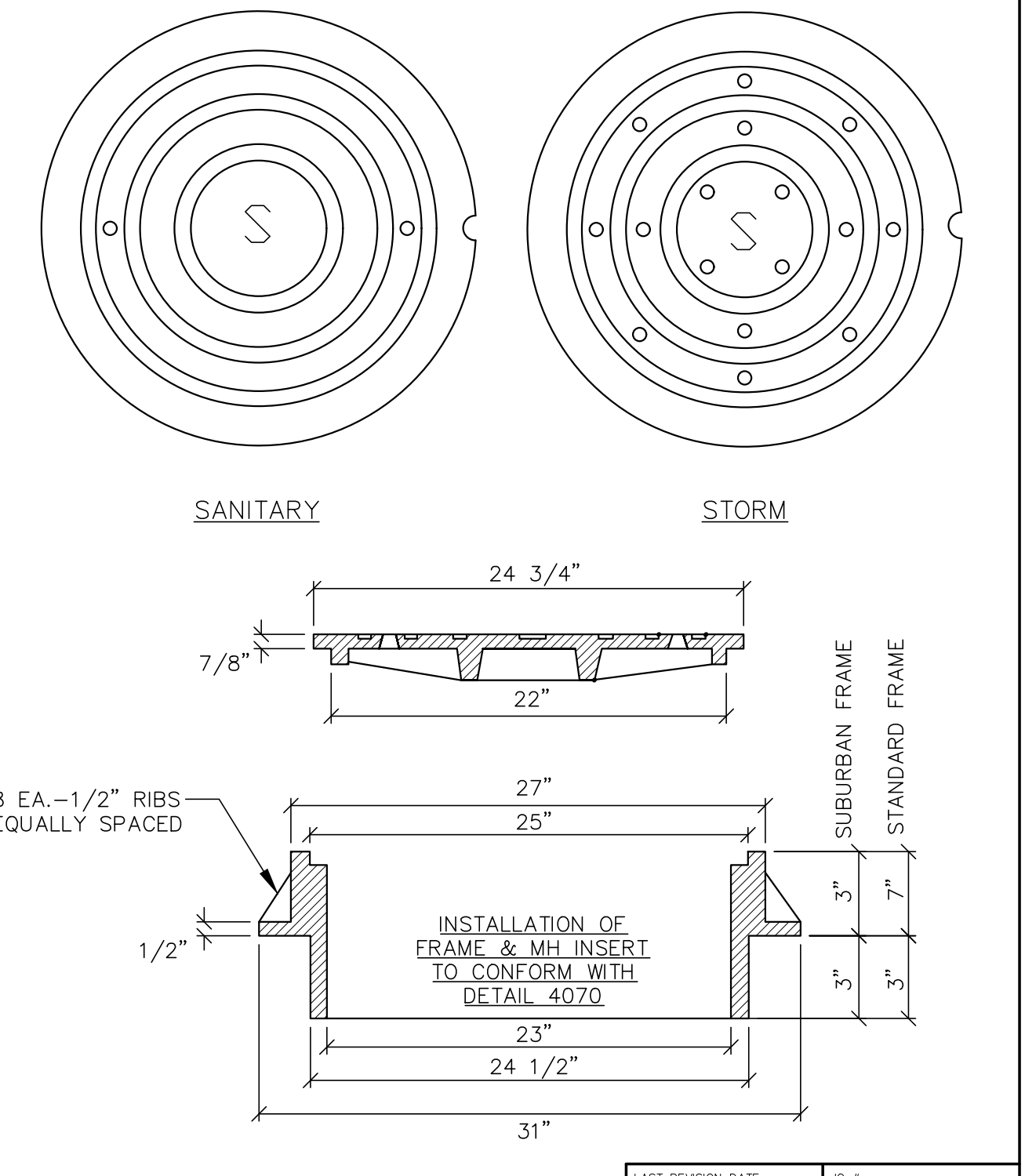
LAST REVISION DATE:	SEP 2005	JO #	STANDARD
AREA DRAIN, LANDSCAPE AND PEDESTRIAN AREAS (NON-TRAFFIC)			
(NTS)			
WESTTECH ENG.	DETAIL NO. 3550		



LAST REVISION DATE:	SEPT 2019	JO #	STANDARD
STANDARD MANHOLE FOR 21" PIPE AND SMALLER (SEWER & STORM)			
(NTS)			
WESTTECH ENG.	DETAIL NO. 4010		



LAST REVISION DATE:	SEPT 2019	JO #	STANDARD
FLAT TOP MANHOLE FOR 21" PIPE AND SMALLER (SEWER & STORM)			
(NTS)			
WESTTECH ENG.	DETAIL NO. 4020		



LAST REVISION DATE:	DEC 2015	JO #	STANDARD
MANHOLE FRAME AND COVER (STANDARD AND SUBURBAN)			
(NTS)			
WESTTECH ENG.	DETAIL NO. 4050		

CITY OF FALLS CITY
2022 SRTS IMPROVEMENTS
CIVIL DETAILS

DRAWING D-2
JOB NUMBER 2969.2030

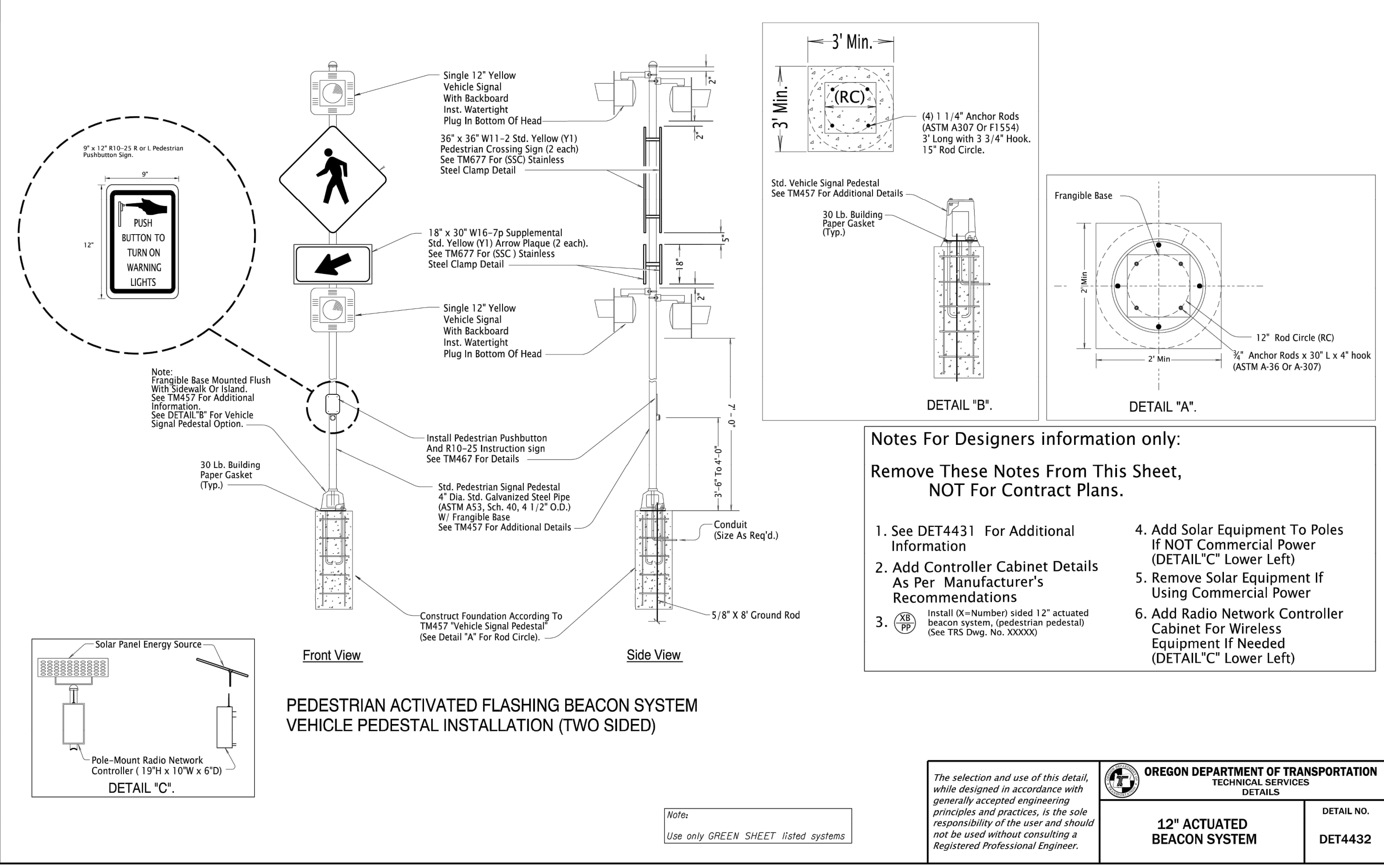
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3966
E-mail: westtech@westtech-eng.com

WESTTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS

REVIEW
PROFESSIONAL ENGINEER
STEPHEN V. STEVENSON
REG. NO. 16016
DATE: 05/20/2022

NO.	DATE	DESCRIPTION	BY
1			
2			
3			
4			
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DET4432



NO.	DATE	DESCRIPTION	BY
1			

VERIFIED SCALE	1"
DRN.	ENGR
CKD.	ENGR
DATE:	05/20/2022



WESTTECH ENGINEERING, INC.
 CONSULTING ENGINEERS AND PLANNERS

WE

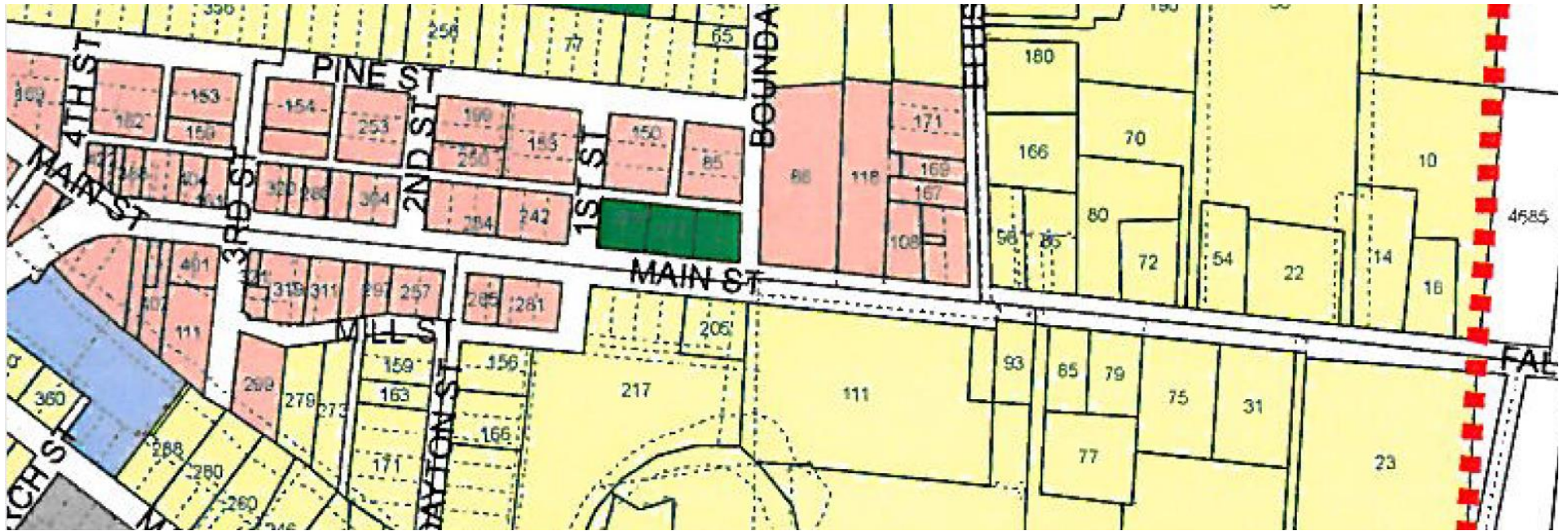
3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
 Phone: (503) 565-2474 Fax: (503) 565-3966
 E-mail: westtech@westtech-eng.com

CITY OF FALLS CITY
 2022 SRTS IMPROVEMENTS
 CIVIL DETAILS

DRAWING
D-3

JOB NUMBER
2969.2030

Exhibit A



STAFF REPORT

TO: PUBLIC WORKS COMMITTEE
FROM: CITY MANAGER, AJ FOSCOLI
SUBJECT: EXCESSIVE SEPTIC TANK PUMPING FEES
DATE: MARCH 30, 2023

SUMMARY

The city is looking at enacting fees for excessive septic tank pumping, due to overuse.

BACKGROUND

The city of Falls City is statutorily required by DEQ to pump septic tanks within its STEP-system on a 5-year schedule. Industry standards suggest that under NORMAL USE, pumping does not have to be made except on a 6-7-year rotation. During my tenure in the city, there have been several instances where septic tank pumping have had to be made at 2-3 times the frequency of even DEQ's strictest standards. These highly frequent pumpings are not only disruptive of Public Works' schedule, but are costly as well, impacting the wastewater budget negatively. Since it is not possible for the city to enact limitations on the amount of use of our wastewater system by individual residents, especially when that use is directly correlated to the number of people living in a household, the only recourse to recoup maintenance costs above and beyond normal use, the city would like to explore fees to property owners whose septic tanks need to be pumped at a higher frequency that DEQ requires. . The City Council has instructed the City Manager to collaborate with the Public Works Committee to explore what excessive pumping fees would look like and present that to the council for review. The current Sewer Monthly Rates have been added for additional consideration for excessive pumping fees that are commensurate with the use. These rates have been increased recently in preparation for the DEQ loan to build a new wastewater treatment facility.

FINANCIAL IMPLICATIONS

If enacted, Excessive Septic Tank Pumping Fees would be imposed on any resident within the city's wastewater system that are in addition to the standard pumping frequency that DEQ requires.

ATTACHMENTS

- Exhibit A – Pumping Frequency in Years
- Exhibit B – Septic Tank size List
- Exhibit C – Current Sewer Monthly Rates

Exhibit A

Household Size (Number of people)

Tank Size	1	2	3	4	5	6	7	8	9	10
500	5.8	2.6	1.5	1.0	.07	.04	.03	.01		
750	9.1	4.2	2.6	1.8	1.3	1.0	.07	.06	0.4	0.3
1,000	12.4	5.9	3.7	2.6	2.0	1.5	1.2	1.0	0.8	0.7
1,250		7.5	4.8	3.4	2.6	2.0	1.7	1.4	1.2	1.0
1,500		9.1	5.9	4.2	3.3	2.6	2.1	1.8	1.5	1.3
1,750			6.5	5.0	3.9	3.1	2.6	2.0	1.9	1.6

Exhibit B

Address	Tank Size	Pumpings	Cost	Total	Time Frame
381 Boundary	1000	2	\$ 470.00	\$ 940.00	2019-2020
672 Bryant	1000	2	\$ 540.00	\$ 1,080.00	2019-2022
171 Dayton	1000	2	\$ 620.00	\$ 1,240.00	2020-2022
234 Prospect	1500	2	\$ 465.00	\$ 930.00	2020-2021
476 Prospect	1000	2	\$ 395.00	\$ 790.00	2019-2020
26 S. Main	1000	2	\$ 545.00	\$ 1,090.00	2019-2020
167/169/171 Ellis	1250	5	\$ 500.00	\$ 2,500.00	2019-2023
405 Mitchell	3000	5	\$ 1,175.00	\$ 5,875.00	2019-2023
420/418a/418b N. Main	1250	5	\$ 483.00	\$ 2,415.00	2019-2023
281/285 N. Main	1250	5	\$ 535.00	\$ 2,675.00	2019-2023
86/98 N. Main	1250	5	\$ 500.00	\$ 2,500.00	2019-2023
111 N. Main	3000	5	\$ 1,175.00	\$ 5,875.00	2019-2023
177 Prospect	3000	5	\$ 1,175.00	\$ 5,875.00	2019-2023

Total Cost to the city (past 5 years):

\$ 33,785.00

Exhibit C

Service Category	Flat Monthly Rate
Residential (RS1)	\$62.65
Commercial (CM1)	\$62.65
Apartments (APT) each unit	\$62.65
Elementary School (ELE)	\$382.98
Falls City High School (FHS)	\$382.98

STAFF REPORT

TO: PUBLIC WORKS COMMITTEE
FROM: CITY MANAGER, AJ FOSCOLI
SUBJECT: MAIN STREET PARKING PERMITS
DATE: MARCH 30, 2023

SUMMARY

The city is looking at Parking Permits on Main Street to deter illegal parking on Main Street.

BACKGROUND

The city of Falls City has enacted Code Enforcement programs in the past in order to reduce the amount of infractions to the city's development code which range from yard debris to illegal fences to zombie vehicles. Since it is not likely that the city will be able to afford a full-time Code Enforcement officer in the next fiscal year, in order to achieve some success in code enforcement of at least illegally parked cars, the city is looking at enacting parking permits on Main Street. The City Council has instructed the City Manager to collaborate with the Public Works Committee to explore what a parking permit would look like and present that to the council for review.

FINANCIAL IMPLICATIONS

If enacted, parking permits to the city would generate some revenue, but likely only enough to cover administrative expenses.

ATTACHMENTS

Exhibit A