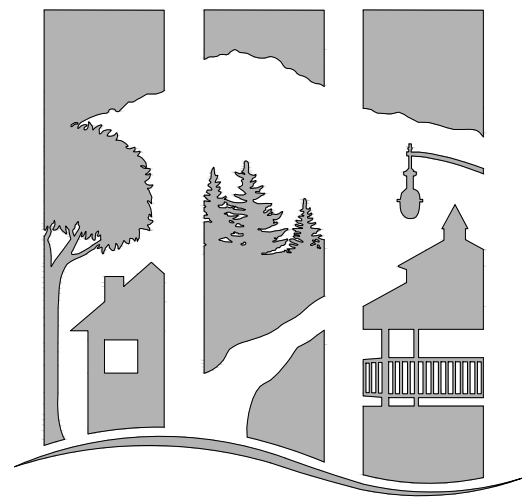


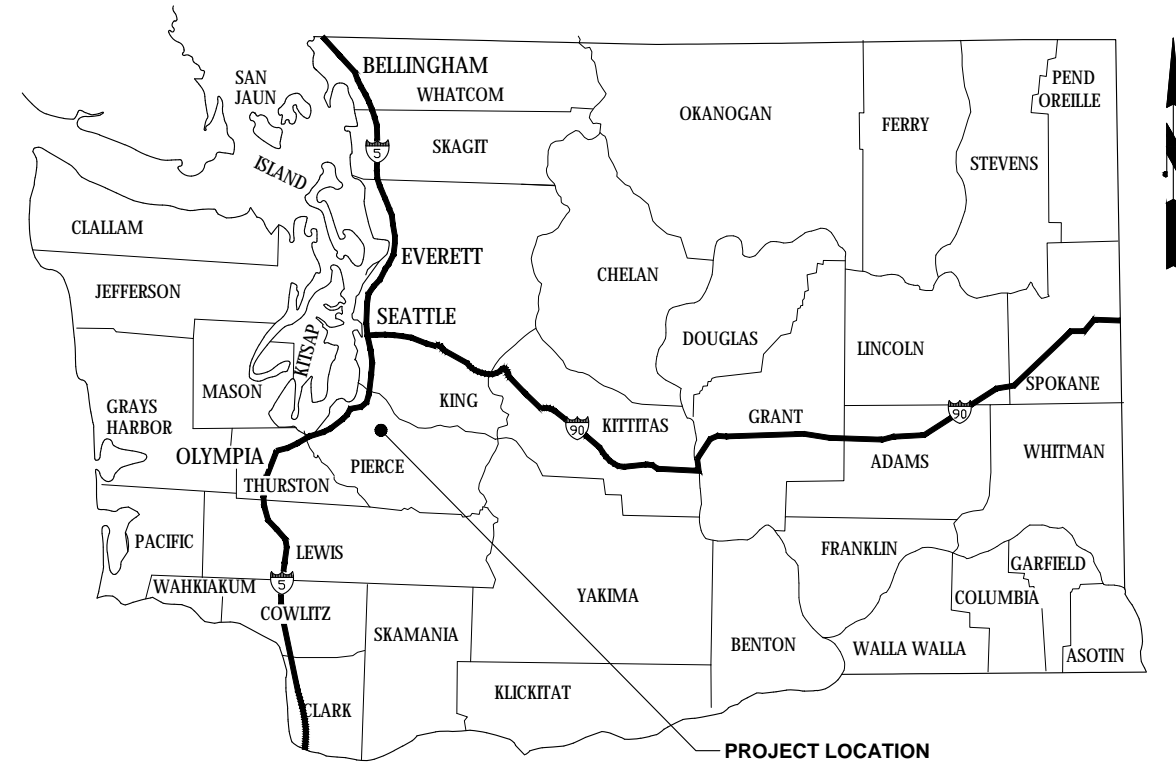
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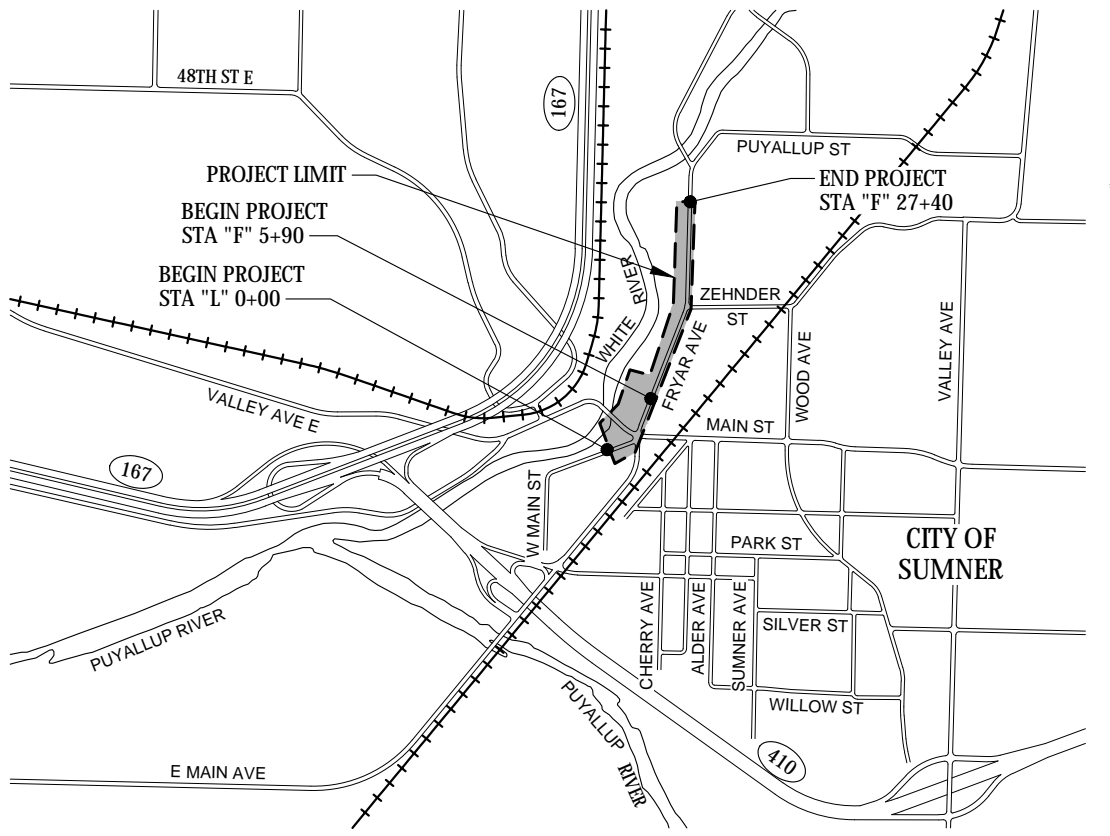
CITY OF SUMNER WASHINGTON

TRAIL AND SIDEWALK IMPROVEMENT

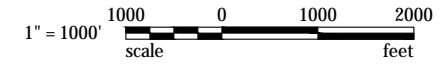
SECTIONS 42 AND 48, TOWNSHIP 20 N, RANGE 4 E, W. M.



AREA MAP



VICINITY MAP



REVIEW #1
SEPA-2026-0004

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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT

COVER SHEET AND VICINITY MAP

DRAWING NO. GN-1
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 1 OF 74

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MARK	REVISION DESCRIPTION	BY	APP.	DATE

DRAWING INDEX:

SHEET NO.	DRAWING NO.	DRAWING TITLE	INCLUDED IN 30%
GENERAL			
1	GN-1	COVER SHEET AND VICINITY MAP	X
2	GN-2	DRAWING INDEX	X
3	GN-3	GENERAL NOTES	X
4	GN-4	LEGEND AND ABBREVIATIONS	X
ALIGNMENT			
5	AN-1	ALIGNMENT NOTES	X
6	AL-1	ALIGNMENT AND SURVEY CONTROL PLAN - SHEET 1	X
7	AL-2	ALIGNMENT AND SURVEY CONTROL PLAN - SHEET 2	X
8	AL-3	ALIGNMENT AND SURVEY CONTROL PLAN - SHEET 3	X
DEMOLITION			
9	DM-1	DEMOLITION PLAN - SHEET 1	X
10	DM-2	DEMOLITION PLAN - SHEET 2	X
11	DM-3	DEMOLITION PLAN - SHEET 3	X
12	DM-4	DEMOLITION PLAN - SHEET 4	X
13	DM-5	DEMOLITION PLAN - SHEET 5	X
14	DM-6	DEMOLITION PLAN - SHEET 6	X
15	DM-7	DEMOLITION PLAN - SHEET 7	X
EROSION AND SEDIMENT CONTROL			
16	TN-1	TEMPORARY EROSION AND SEDIMENT CONTROL - NOTES	X
17	TE-1	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 1	X
18	TE-2	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 2	X
19	TE-3	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 3	X
20	TE-4	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 4	X
21	TE-5	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 5	X
22	TE-6	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 6	X
23	TE-7	TEMPORARY EROSION AND SEDIMENT CONTROL - SHEET 7	X
SECTIONS			
24	RS-1	ROADWAY SECTIONS - SHEET 1	X
25	RS-2	ROADWAY SECTIONS - SHEET 2	X
26	RS-3	ROADWAY SECTIONS - SHEET 3	X
27	RS-4	ROADWAY SECTIONS - SHEET 4	X
ROADWAY			
28	RP-1	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 1	X
29	RP-2	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 2	X
30	RP-3	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 3	X
31	RP-4	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 4	X
32	RP-5	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 5	X
33	RP-6	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 6	X
34	RP-7	ROADWAY GRADING AND DRAINAGE PLAN - SHEET 7	X
35	TP-1	TRAIL PROFILE	X
36	DP-1	DRAINAGE PROFILE - TRAIL	X
37	DP-2	DRAINAGE PROFILE - FRYAR AVE	X
DRIVEWAY			
38	DD-1	DRIVEWAY DETAILS - SHEET 1	
39	DD-2	DRIVEWAY DETAILS - SHEET 2	
40	DD-3	DRIVEWAY DETAILS - SHEET 3	
41	DD-4	DRIVEWAY DETAILS - SHEET 4	
42	DD-5	DRIVEWAY DETAILS - SHEET 5	
43	DD-6	DRIVEWAY DETAILS - SHEET 6	
44	DD-7	DRIVEWAY DETAILS - SHEET 7	
45	DD-8	DRIVEWAY DETAILS - SHEET 8	
46	DD-9	DRIVEWAY DETAILS - SHEET 9	
RIGHT OF WAY			
47	RW-1	RIGHT OF WAY PLAN - SHEET 1	
48	RW-2	RIGHT OF WAY PLAN - SHEET 2	
49	RW-3	RIGHT OF WAY PLAN - SHEET 3	
50	RW-4	RIGHT OF WAY PLAN - SHEET 4	
51	RW-5	RIGHT OF WAY PLAN - SHEET 5	
52	RW-6	RIGHT OF WAY PLAN - SHEET 6	
53	RW-7	RIGHT OF WAY PLAN - SHEET 7	
54	RW-8	RIGHT OF WAY PLAN - SHEET 8	
55	RW-9	RIGHT OF WAY PLAN - SHEET 9	

DRAWING INDEX:

SHEET NO.	DRAWING NO.	DRAWING TITLE	INCLUDED IN 30%
WALL			
56	W-1	WALL PLAN & PROFILE - SHEET 1	X
57	W-2	WALL PLAN & PROFILE - SHEET 2	X
58	W-3	WALL PLAN & PROFILE - SHEET 3	X
59	W-4	WALL PLAN & PROFILE - SHEET 4	X
STRUCTURAL			
60	S-1	STRUCTURAL NOTES	
61	S-2	STRUCTURES GENERAL PLAN AND ELEVATION	X
62	S-3	FOUNDATION PLAN	X
63	S-4	PROFILE - SHEET 1	
64	S-5	PROFILE - SHEET 2	
65	S-6	PROFILE - SHEET 3	
66	S-7	PROFILE - SHEET 4	
67	S-8	PROFILE - SHEET 5	
68	S-9	PROFILE - SHEET 6	
69	S-10	PROFILE - SHEET 7	
70	S-11	PROFILE - SHEET 8	
71	S-12	PIN PILE BRIDGE DETAILS - SHEET 1	X
72	S-13	PIN PILE BRIDGE DETAILS - SHEET 2	
73	S-14	PIN PILE BRIDGE DETAILS - SHEET 3	
74	S-15	PIN PILE BRIDGE DETAILS - SHEET 4	

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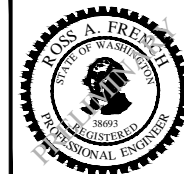
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SUMNER TRAIL AND SIDEWALK IMPROVEMENT

DRAWING INDEX

DRAWING NO. **GN-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 2 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

GENERAL NOTES:

1. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE MOST RECENT WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION; CITY OF SUMNER DEVELOPMENT SPECIFICATIONS AND STANDARD DETAILS; THE ECOLOGY MANUAL; THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL. IN CASE OF CONFLICT, THE CITY DEVELOPMENT SPECIFICATIONS AND STANDARD DETAILS TAKE PRECEDENCE.
2. PRIOR TO ANY WORK COMMENCING, THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING TO BE ATTENDED BY ALL MAJOR CONTRACTORS, REPRESENTATIVES OF INVOLVED UTILITIES, AND THE CITY OF SUMNER. CALL (253) 299-5700 TO SCHEDULE A MEETING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.
3. SITE OWNER IS TO OBTAIN ALL PERMITS REQUIRED FROM THE STATE TO INCLUDE BUT NOT TO BE LIMITED TO THE NPDES STORMWATER GENERAL PERMIT.
4. THE CONTRACTOR SHALL NOTIFY THE COUNTY AND/OR STATE, AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS IF CONSTRUCTION IS TO TAKE PLACE IN COUNTY AND/OR STATE RIGHT-OF-WAY.
5. ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE CONDUCTED BY A LICENSED, BONDED, AND INSURED CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A STREET OBSTRUCTION NOTIFICATION FORM, INCLUDING A TRAFFIC CONTROL PLAN IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND WSDOT SPECIFICATION SECTION 1-10, TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL A MINIMUM OF TWO (2) FULL WORKING DAYS PRIOR TO STREET OBSTRUCTION. NOTE THAT THE DAY THE STREET OBSTRUCTION NOTIFICATION FORM IS SUBMITTED TO THE CITY SHALL NOT COUNT AS ONE OF THE TWO DAYS. A NEW FORM WILL BE REQUIRED IF THE TIME, DATE, OR LOCATION OF THE PROPOSED OBSTRUCTION CHANGES FROM THAT REPORTED ON THE ORIGINAL FORM. CERTIFIED COPIES OF THE CONTRACTOR'S BUSINESS LICENSE AND INSURANCE POLICY SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT BEFORE PERMIT ISSUANCE.
6. ALL MANHOLES AND CATCH BASINS SHALL BE COVERED WITH TEMPORARY COVERS TO PREVENT ENTRANCE OF DIRT AND DEBRIS DURING CONSTRUCTION.
7. BURIED UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION. CALL 1-800-424-5555 FOR "ONE CALL LOCATES."
8. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD AND THE CITY PUBLIC WORKS DEPARTMENT PRIOR TO IMPLEMENTATION IN THE FIELD.
9. AN APPROVED COPY OF THESE PLANS WITH REVISIONS MUST BE ON SITE WHENEVER CONSTRUCTION WORK IS IN PROGRESS.
10. THE PUBLIC WORKS DEPARTMENT REQUIRES THE CONTRACTOR TO PROVIDE ADEQUATE HORIZONTAL AND VERTICAL CONTROL AT ALL TIMES ON SITE FOR PERIODIC SPOT CHECKS BY CITY PERSONNEL. THIS CONTROL WILL CONSIST OF FRONT-PROPERTY CORNER OFFSETS (20 FEET) STAKED PERPENDICULAR TO THE ROAD CENTERLINE. ALL CURVE RADIUS POINTS WILL BE STAKED.
11. PRIVATE UTILITY EASEMENTS ARE REQUIRED ON THE FRONT 10 FEET OF EACH LOT.
12. IF WORKERS ENTER ANY TRENCH OR OTHER EXCAVATION, FOUR (4) FEET OR MORE IN DEPTH, THAT DOES NOT MEET THE OPEN PIT REQUIREMENTS OF WSDOT SECTION 2-09.3, THE TRENCH/EXCAVATION SHALL BE SHORED AND CRIBBED. THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR WORKER SAFETY. ALL TRENCH SAFETY SYSTEMS SHALL MEET THE REQUIREMENTS OF THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT, CHAPTER 49 17 RCW.
13. CONSTRUCTION HOURS ARE MONDAY THROUGH FRIDAY, 7:00 A.M. TO 6:00 P.M., AND SATURDAY, SUNDAY, AND HOLIDAYS, 10:00 A.M. TO 6:00 P.M.. WORK CONDUCTED OUTSIDE THESE HOURS SHALL BE APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE. THE DAY OF SUBMITTAL SHALL NOT BE COUNTED AS ONE OF THE TWO REQUIRED DAYS. ALL CITY PERSONNEL OVERTIME INSPECTION FEES SHALL BE PAID BY THE CONTRACTOR.
14. BEFORE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCHLIST" PREPARED BY THE PUBLIC WORKS DEPARTMENT DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK LISTED SHALL BE SATISFACTORILY COMPLETED PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
15. NO CONSTRUCTION WORK SHALL BEGIN UNTIL THE OWNER/DEVELOPER HAS ACQUIRED ALL REQUIRED RIGHT-OF-WAY AND/OR EASEMENTS, AND HAS PROVIDED THE PUBLIC WORKS DEPARTMENT WITH COPIES OF THE RECORDED DOCUMENTS.

STORMWATER SITE PLAN NOTES:

1. PROVISIONS SHALL BE MADE TO AVOID THE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PAVED PUBLIC ROADS. IF SEDIMENT IS DEPOSITED, IT IS TO BE CLEANED EVERY DAY BY SWEEPING.
2. CITY INSPECTION SHALL BE REQUIRED AT THE FOLLOWING STAGES OF CONSTRUCTION: COMPLETION OF FLOW ATTENUATION OR WATER QUALITY STRUCTURES. UPON COMPLETION OF EXCAVATION OF THE DETENTION FACILITIES SUB-FOUNDATION AND INSTALLATION OF STRUCTURAL SUPPORTS OR REINFORCEMENT, AS REQUIRED BY THE APPROVED PLANS. DURING PLACEMENT OF STRUCTURAL FILL OR CONCRETE. DURING PIPING AND CATCH BASIN INSTALLATION. DURING BACKFILL OF FOUNDATIONS OR TRENCHES. DURING CONSTRUCTION OF EMBANKMENTS. UPON COMPLETION OF FINAL GRADING AND PERMANENT STABILIZATION.
3. STORMWATER PIPE BEDDING AND BACKFILL MATERIALS AND PRACTICES SHALL BE IN ACCORDANCE WITH THE CITY OF SUMNER DEVELOPMENT SPECIFICATIONS AND STANDARD DETAILS.
4. ALL STORMWATER IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS. ANY DEVIATION FROM THESE PLANS SHALL REQUIRE APPROVAL FROM THE OWNER, ENGINEER OF RECORD, AND THE CITY.
5. NATIVE MATERIAL SHALL NOT BE ALLOWED FOR BACKFILL UNLESS IT CONFORMS TO THE CITY OF SUMNER BACKFILL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LABORATORY ANALYSIS AND ASSOCIATED COSTS REQUIRED TO VERIFY CONFORMANCE.
6. THE CONTRACTOR SHALL ADJUST ALL CATCH BASIN RIMS FLUSH WITH FINAL GRADE.
7. THE CONTRACTOR SHALL PROVIDE A MINIMUM 3-FOOT-HORIZONTAL AND 0.5-FOOT-VERTICAL SEPARATION BETWEEN STORM LINES AND ALL OTHER UTILITIES.
8. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SECTION 7-08. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE, UNYIELDING BASE.
9. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELLED ROADWAY OR SIDEWALK SHALL HAVE SOLID LOCKING LIDS.
10. ALL DRIVEWAY CULVERTS LOCATED WITHIN CITY OF SUMNER RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELLED END SECTIONS TO MATCH THE SIDE SLOPE, AND SHALL BE INSTALLED WITH A TRASH RACK ON THE UPSTREAM END.
11. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF 1 FOOT.

UTILITY AND AGENCY CONTACTS:

CITY OF SUMNER:

CITY CONTACT	ANDREW LEACH (253) 229-5703
CITY OF SUMNER SEWER	PLACEHOLDER
CITY OF SUMNER STORM	DONNELLE NICAISE (253) 299-5709
CITY OF SUMNER WATER	PLACEHOLDER

CITY OF PUYALLUP:

CITY OF PUYALLUP WATER	CRAIG HALE (253) 841-5503; (253) 405-4384
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EMERGENCY SERVICES:

EAST PIERCE COUNTY FIRE AND RESCUE, STATION II	JERRY THORSON, CHIEF (253) 863-1800
CITY OF SUMNER POLICE DEPARTMENT	BRAD MOERICKE, CHIEF (253) 863-6384

POWER:

PSE - POWER DISTRIBUTION	BILL THWING (425) 457-6583
PSE - TRANSMISSION	PLACEHOLDER
INTOLIGHT	PLACEHOLDER

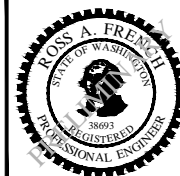
GAS:

PSE - GAS	CHERYL PARAS (253) 476-6300
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COMMUNICATIONS:

AT&T NETWORK OPERATIONS	DANIEL McGEOUGH (425) 896-9830; (206) 696-2519
CENTURY LINK	KAREN BERRY (253) 597-5210
COMCAST	DARRELL VACCA (253) 288-7539; (206) 793-124
LEVEL 3 COMMUNICATIONS	MATT PRINK (720) 888-2639; (720) 366-8344
MCI - VERIZON	BRAD LANDIS (425) 201-0901
SPRINT NEXTEL	STEVE SCHAUER (253) 476-6655

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GENERAL NOTES

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DRAWING NO. **GN-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 3 OF 74

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LEGEND:

EXISTING SYMBOLS:

	BIKE LANE MARKING		TRAFFIC SIGNAL POLE W/ MAST ARM
	CATCH BASIN		WATER MANHOLE
	CLOSING CORNER		WATER METER
	COMMUNICATIONS MANHOLE		WATER VALVE
	COMMUNICATIONS PEDESTAL		WETLAND FLAG
	COMMUNICATIONS VAULT		WITNESS CORNER
	CONIFEROUS TREE		ADVERTISEMENT SIGN
	DECIDUOUS TREE		UNDERGROUND COMMUNICATIONS
	DRAINAGE ARROW		UNDERGROUND GAS LINE
	FIRE DEPARTMENT CONNECTION		POWER LINE
	GAS METER		SANITARY SEWER LINE
	GAS VALVE		STORM SEWER LINE
	GROUND LIGHT		WATER LINE
	GUY ANCHOR		WALL
	HANDICAP		
	HOSE BIB		
	HUB AND TACK		
	FIRE HYDRANT		
	IRRIGATION CONTROL VALVE		
	LIGHT POLE		
	LIGHT POLE (WITH ARM)		
	LIGHT POLE (ASSEMBLY)		
	LIGHT POLE (SQUARE)		
	MAILBOX		
	MEANDER CORNER		
	MONITORING WELL		
	MONUMENT - IN CASE		
	MONUMENT - SURFACE DISK		
	POWER MANHOLE		
	POWER PEDESTAL		
	POWER/UTILITY POLE		
	POWER PULL BOX		
	POWER TRANSFORMER		
	POWER TRANSMISSION TOWER		
	POWER VAULT		
	POST INDICATOR VALVE		
	SEWER MANHOLE		
	SIGN		
	STORM MANHOLE		
	TRAFFIC SIGNAL CONTROLLER		
	TRAFFIC SIGNAL JUNCTION BOX		

DEMOLITION AND REMOVAL LEGEND:

	REMOVE ASPHALT CONCRETE PAVEMENT
	PLANING ASPHALT CONCRETE PAVEMENT
	REMOVE CEMENT CONCRETE SIDEWALK
	REMOVE CEMENT CONCRETE DRIVEWAY
	REMOVE ASPHALT CONCRETE SIDEWALK
	SAWCUT
	CLEARING AND GRUBBING
	UTILITY TO BE ABANDONED BY REMOVAL

EROSION AND SEDIMENTATION CONTROL LEGEND:

	BMP C101: PRESERVE NATURAL VEGETATION
	BMP C105: STABILIZED CONSTRUCTION ENTRANCE
	BMP C140: DUST CONTROL
	BMP C151: CONCRETE HANDLING
	BMP C220: STORM DRAIN INLET PROTECTION
	BMP C209: OUTLET PROTECTION
	BMP C235: STRAW WATTLES PER WSDOT STD PLAN I-30.30-01
	BMP C233: SILT FENCE
	BMP C208: TRIANGULAR SILT DIKE (GEOTEXTILE ENCASED CHECK DAM)
	BMP C152: SAWCUTTING AND SURFACING POLLUTION PREVENTION
	HYDROSEEDING: SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
	LIMITS OF CLEARING AND GRUBBING
	HIGH VISIBILITY FENCE

PROPOSED SYMBOLS:

	HIGH VISIBILITY FENCE
	CLEARING AND GRUBBING
	SILT FENCE
	CUT LINE
	FILL LINE
	STORM SEWER LINE
	UNDERDRAIN LINE
	PEDESTRIAN SAFETY RAIL/ CHAIN LINK FENCE
	CATCH BASIN
	STREET SIGN
	PROPERTY LINE
	RIGHT OF WAY LINE
	EASEMENT LINE
	PERVIOUS TRAIL PAVEMENT
	PEDESTRIAN BRIDGE
	CEMENT CONCRETE SIDEWALK/ DRIVEWAY ENTRANCE
	HOT MIX ASPHALT CL 1/2 IN PG 64-22
	SOLDIER PILE WALL

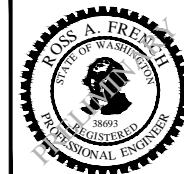
LIST OF ABBREVIATIONS:

ABAN	ABANDONED
ACP	ASPHALT CONCRETE PAVEMENT
AP	ANGLE POINT
APROX	APPROXIMATELY
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASPH	ASPHALT
@	AT
AVE	AVENUE
AWWA	AMERICAN WATER WORKS ASSOCIATION
BMP	BEST MANAGEMENT PRACTICES
BOT	BOTTOM
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVC	BEGIN VERTICAL CURVE
CB	CATCH BASIN
CL	CENTERLINE
CDF	CONTROLLED DENSITY FILL
CFS	CUBIC FEET PER SECOND
CLR	CLEAR
CM	CENTIMETER
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CORR	CORRUGATED
CPEP	CORRUGATED POLYETHYLENE PIPE (N-12)
CPP	CORRUGATED POLYETHYLENE PIPE
CSBC	CRUSHED SURFACING BASE COURSE
CSTC	CRUSHED SURFACING TOP COURSE
CTR	CENTER

CY	CUBIC YARDS	PCO	PIERCE COUNTY
DI	DUCTILE IRON	PED	PEDESTRIAN
DIA	DIAMETER	PI	POINT OF HORIZONTAL INTERSECTION
Ø	DIAMETER	PL	PROPERTY LINE
DIP	DUCTILE IRON PIPE	POC	POINT ON CURVE
DROP	DROP INLET	PPM	PARTS PER MILLION
DWY	DRIVEWAY	PROP	PROPOSED
DWG	DRAWING	PSE	PUGET SOUND ENERGY
E	EAST	PSF	POUNDS PER SQUARE FOOT
EG	EXISTING GROUND	PSI	POUNDS PER SQUARE INCH
ELEV	ELEVATION	PT	POINT OR POINT OF TANGENCY
EOP	EDGE OF PAVEMENT	PVC	POLYVINYL CHLORIDE PIPE
ESAL	EQUIVALENT SINGLE AXLE LOAD	PVI	POINT OF VERTICAL INTERSECTION
EVCE	END VERTICAL CURVE ELEVATION	QPEAK	PEAK FLOW
EVCS	END VERTICAL CURVE STATION	R	RADIUS
EVC	END VERTICAL CURVE	RCP	REINFORCED CONCRETE PIPE
EXIST	EXISTING	ROW	RIGHT-OF-WAY
EXP	EXPANSION	RT	RIGHT
F/C	FACE OF CURB	S	SOUTH
FG	FINISH GRADE	SL	SLOPE
FL	FLANGE	SE	SOUTHEAST
FM	FORCE MAIN	SEC	SECTION
FT	FEET	SEPT	SEPTEMBER
GV	GATE VALVE	SEW	STRUCTURAL EARTH WALL
GRAV	GRAVEL	SHLDR	SHOULDER
H	HEIGHT	SPEC	SPECIFICATION
HDPE	HIGH DENSITY POLYETHYLENE PIPE	SS	SANITARY SEWER
HP	HIGH POINT	SSMH	SANITARY SEWER MANHOLE
HMA	HOT MIX ASPHALT	SD	STORM DRAIN
HORIZ	HORIZONTAL	SF	SQUARE FOOT
ID	INSIDE DIAMETER	ST	STREET
IE	INVERT ELEVATION	STA	STATION
L	LENGTH	STD	STANDARD
LBS	POUNDS	SW	SOUTHWEST
LF	LINEAR FEET	SWPPP	STORMWATER POLLUTION PREVENTION PLAN
LN	LANE	SYM	SYMMETRICAL
LT	LEFT	TELE	TELEPHONE
LP	LOW POINT	T	TOWNSHIP
LUM	LUMINAIRE	TESC	TEMPORARY EROSION & SEDIMENT CONTROL
MH	MANHOLE	THK	THICK
MAX	MAXIMUM	TL	TANGENT LENGTH
MID	MIDDLE	TV	TELEVISION
MIN	MINIMUM	TWLTL	TWO-WAY LEFT TURN LANE
MISC	MISCELLANEOUS	TYP	TYPICAL
MJ	MECHANICAL JOINT	US	UNITED STATES
MOD	MODIFIED	UV	UTILITY VAULT COMPANY
MTG	MOUNTING	VC	VERTICAL CURVE
N	NORTH	VERT	VERTICAL
NE	NORTHEAST	W	WEST
NOM	NOMINAL	W/	WITH
NTS	NOT TO SCALE	WA	WASHINGTON
NW	NORTHWEST	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OC	ON CENTER	WM	WILLAMETTE MERIDIAN
OCT	OCTOBER	WP	WORK POINT
OD	OUTSIDE DIAMETER	WQ	WATER QUALITY
OH	OVERHEAD	WS	WATER SURFACE
PC	POINT OF CURVATURE	WSE	WATER SURFACE ELEVATION
PCC	POINT OF COMPOUND CURVATURE		

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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT

LEGEND AND ABBREVIATIONS

DRAWING NO. **GN-4**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 4 OF 74

MARK	REVISION	DESCRIPTION	BY	APP.	DATE

SURVEY CONTROL POINTS TABLE:

POINT #	NORTHING (PROJECT)	EASTING (PROJECT)	ELEVATION (NAVD88)	CODE	DESCRIPTION
3	686688.49	1206925.23	71.05	MSX	SET SCRIBED "X" IN CONC. WALK ON CORNER OF MAIN STREET AND FRYAR AVE.
4	686869.03	1206686.89	72.33	MSX	SET SCRIBED "X" IN CONC. WALK ON BRIDGE STREET NEAR BEGINNING OF BRIDGE OVER STUCK RIVER.
78	687061.48	1206950.91	72.45	MSX	SET SCRIBED "X" IN CONC. WALK, S. OF DRIVEWAY S. OF LIBRARY ENTRANCE, +/-0.15' E. OF W. EDGE OF BACK OF WALK, W. SIDE OF FRYAR AVENUE.
79	687574.54	1207156.97	70.30	MSX	SET SCRIBED "X" IN CONC. WALK, W. SIDE OF FRYAR AVENUE, +/-1.4' W. OF FLOWLINE, N. END OF NORTHERN ENTRY TO LIBRARY.
80	688125.22	1207437.65	69.24	MSX	SET SCRIBED "X" IN CONC. WALK, E. OF FRYAR AVENUE, S. OF ZEHNDER STREET, E. EDGE OF SIDEWALK.
81	688225.51	1207443.78	68.99	MIC	FOUND 2" BRASS DISK IN CASE, DOWN +/-0.45', CENTERLINE OF FRYAR AVENUE AND ZEHNDER STREET.
82	688626.80	1207479.90	67.72	MSX	SET SCRIBED "X" IN CONC. WALK, +/-2.5' W. OF E. BACK OF WALK, E. OF FRYAR AVENUE, ALONG CENTERLINE OF S. ENTRANCE TO AIM AEROSPACE BUILDING.
83	689090.16	1207486.10	64.28	MAG	SET MAG NAIL E. OF E. EDGE OF WALK ON E. SIDE OF FRYAR AVENUE, BETWEEN SETS OF RR TRACKS RUNNING E-W, ACROSS FROM INFINITY INDUSTRIAL PARK.
84	689350.54	1207493.48	60.25	MSX	SET SCRIBED "X" IN CONC. WALK, E. SIDE OF FRYAR AVENUE, N. OF ENTRANCE TO CARDBOARD RECYCLING FACILITY.
85	689613.89	1207496.68	58.82	MSX	SET SCRIBED "X" IN CONC. WALK, +/-2.45' E. OF E. FLOWLINE OF FRYAR AVENUE, +/-30' N. OF RIGHT TURN ARROW SIGN.
86	689840.94	1207461.27	61.69	MSX	FOUND SCRIBED "X" IN CONC. WALK, E. SIDE OF W. SIDEWALK ALONG FRYAR AVENUE, AT INTERSECTION OF FRYAR AVENUE AND PUYALLUP STREET.
87	688938.78	1207358.22	66.75	MAG	SET MAG NAIL W/ WASHER IN ASPHALT PARKING LOT AT AIM AEROSPACE, FOURTH PARKING STRIPE S. OF N. CONCRETE PARKING ISLAND, W. OF FRYAR AVENUE.
88	688227.88	1207636.43		MIC	FOUND 2" BRASS DISK W/ PUNCH IN CONC. IN CASE, CENTERLINE OF ZEHNDER STREET, CLOSE TO EASTERN PROPERTY LINE OF HOUSE #1016 WA MARBLE WORKS INC..
89	688230.50	1207839.15		MIC	FOUND 2" BRASS DISK W/ PUNCH IN CONC. IN CASE, CENTERLINE OF ZEHNDER STREET.
90	688235.02	1208196.72		MIC	FOUND 2" BRASS DISK W/ PUNCH IN CONC. IN CASE, CENTERLINE OF ZEHNDER STREET.
91	686628.11	1206663.36	68.99	MSX	SET SCRIBED "X" IN CONC. WALK, N. SIDE OF W. MAIN STREET, E. OF DRIVEWAY TO HOUSE #713.
92	686730.94	1206587.03	68.62	MHT	SET HUB W/ TACK AT TOP OF SLOPE, N. OF W. MAIN STREET, +/-27' N.W. OF NORTHERN MOST FENCE POST, N.E. OF HOUSE #713.
93	690028.20	1207611.33		MIC	FOUND NAIL IN 4"x4" CONC. POST IN CASE, DOWN +/-0.85', +/-1.4' N.W. OF CENTERLINE OF PUYALLUP STREET, +/-45' S.W. OF CENTERLINE OF ENTRANCE TO BUSINESS PARK.
95	686726.96	1206857.42		MIC	FOUND 2" BRASS DISK WITH PUNCH IN CONC. IN CASE, DOWN 0.4', CENTERLINE OF FRYAR AVENUE AND MAIN STREET, IS #33133.
96	690253.99	1207793.33		MIC	FOUND NAIL IN 4"x4" CONC. POST IN CASE, DOWN +/-0.85', ASPHALT LIFT OVER MON CASE, MON LID BROKE AND REMOVED FOR ACCESS, P.I FOR PUYALLUP STREET, N.E. OF FRYAR AVENUE AND 142ND.
21908	687172.27	1206319.42		MAG	FOUND MAG W/ WASHER, RP-B FOR MONUMENT #95, SET BY PARAMETRIX.

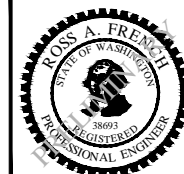
NOTE: NORTHINGS, EASTINGS, AND ELEVATIONS ARE IN U.S. SURVEY FEET.

SURVEY CONTROL NOTES:

- HORIZONTAL DATUM: PROJECT SYSTEM DERIVED FROM THE WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (4602), NAD83/1991, US SURVEY FOOT.
- VERTICAL DATUM: NAVD88
- BASIS OF BEARINGS: WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (4602), NAD83/91, US SURVEY FOOT (GROUND)
N 42° 08' 22" E [FOUND ALUMINUM CAP (WSDOT HL-005) TO FOUND ALUMINUM CAP (WSDOT HL-006).
- PROJECT BENCHMARK: FOUND NGS BRASS CAP SET IN BUILDING WALL (NGS PID # SY0562 (DESIGNATION - Z 458), PUBLISHED NAVD 88 ORTHOMETRIC ELEVATION = 73.69 US SURVEY FOOT). PUBLISHED NGVD29 ELEVATION = 70.18, SEPARATION FROM NAVD88 TO NGVD29 = -3.51.
- FIELD WORK FOR THIS SURVEY WAS PERFORMED IN JULY 2014. MONUMENTS AND CONTROL POINTS SHOWN HEREIN WERE VISITED AND/OR SET IN JULY 2014.
- FIELD MEASUREMENTS FOR THIS BASE MAP WERE PERFORMED WITH A TOPCON 1" IMAGING STATION AND A TOPCON GRS-1 NETWORK ROVER USING THE PRSN SUBNET, PART OF THE WSRN (WASHINGTON STATE REFERENCE NETWORK) CORS WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (4602), NAD83(CORS96)EPOCH2002.0, US SURVEY FOOT.
- ALL DISTANCES SHOWN ON THIS SURVEY ARE GROUND DISTANCES BASED UPON THE U.S. SURVEY FOOT.
- THE COORDINATES SHOWN ARE PROJECT GROUND COORDINATES BASED UPON THE U.S. SURVEY FOOT.
- THE PROJECT (COMBINED) SCALE FACTOR = 1.00002872. THE AVERAGE SCALE FACTOR IS NEGLIGIBLE. GRID IS ACCEPTED AS GROUND.
- THIS PROJECT BASE MAP GRID MEASURED VALUES AS REALIZED BY THE WSRN HAS BEEN CONSTRAINED TO A WSDOT MONUMENTED BASELINE AT PID NUMBERS HL-005 AND HL-006. ALL GPS SITE CONTROL AND OBSERVED POSITIONS AT SAID BASELINE WERE SHIFTED N 12° 25' 23" E, 0.18 FEET. A TERRESTRIAL GROUND TRAVERSE WAS RUN THROUGH SAID GPS OBSERVATIONS FOR SITE CONTROL AND MULTIPLE LINEAR REGRESSION BASED ON NORTHINGS AND EASTINGS WAS USED FOR CONSTRAINT.
- THIS SURVEY DOES NOT PURPORT TO SHOW ANY UNDERGROUND UTILITIES. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREIN ARE APPROXIMATE LOCATIONS ONLY BASED ON THE FIELD LOCATION OF UTILITY LOCATE PAINT MARKS AND PHYSICAL FEATURES VISIBLE ON OR ABOVE THE GROUND SURFACE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL UNDERGROUND UTILITIES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS/HER FAILURE TO EXACTLY LOCATE AND PROTECT ALL EXISTING UTILITY FACILITIES.

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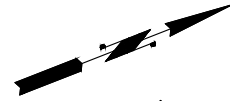
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT

ALIGNMENT NOTES

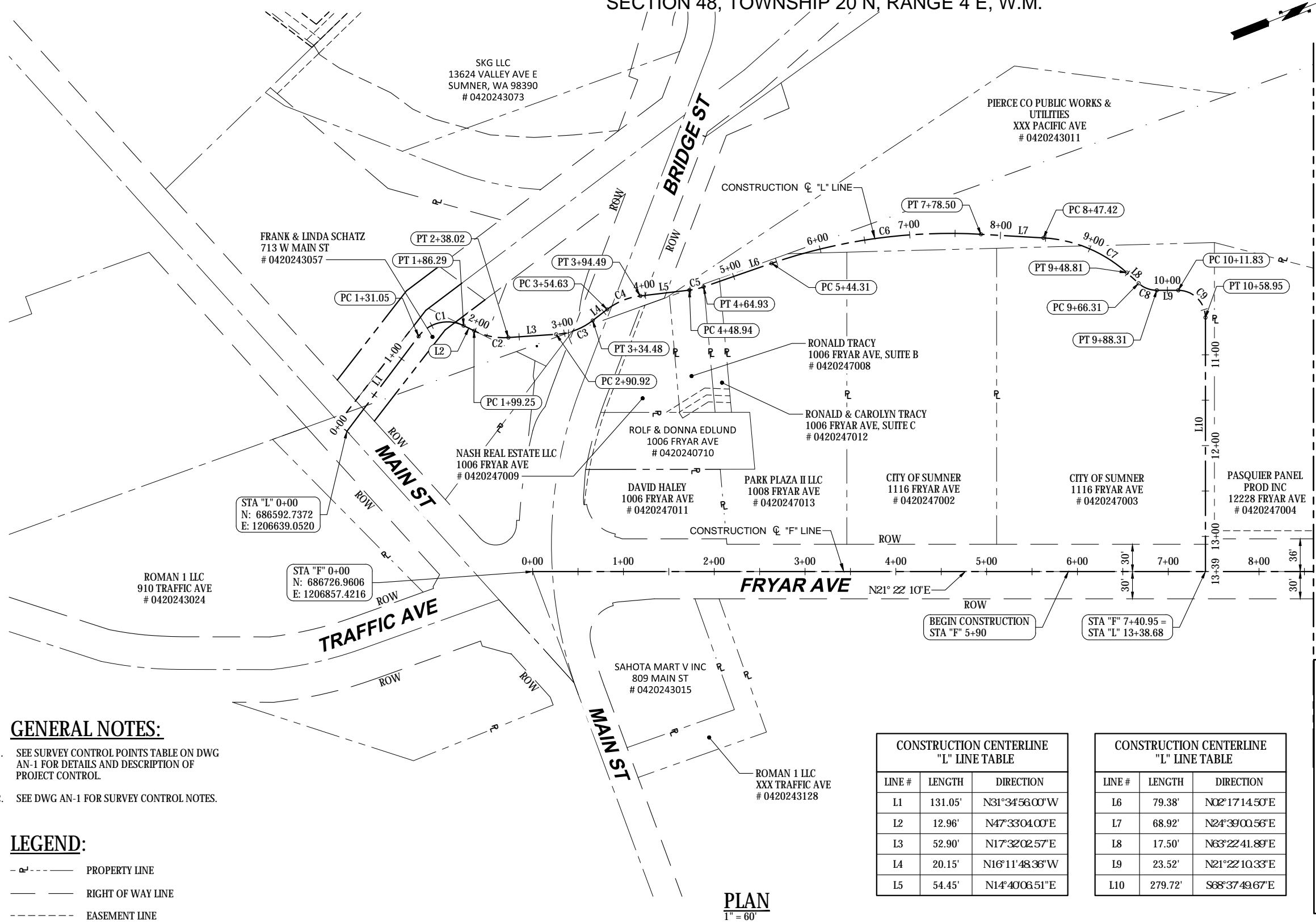
DRAWING NO. AN-1
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 5 OF 74

MARK	REVISION	DESCRIPTION	BY	APP.	DATE

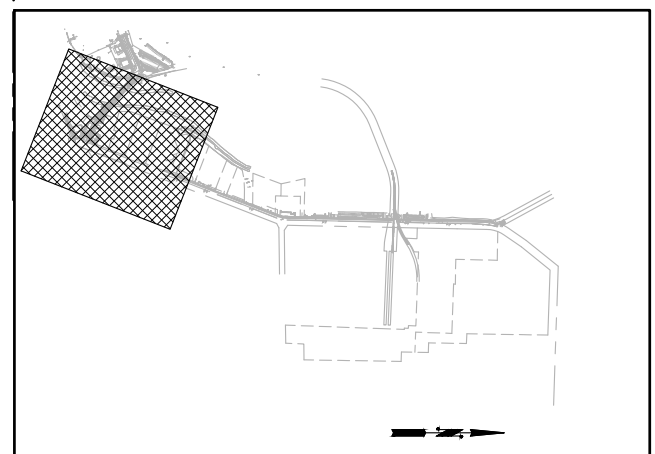
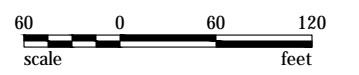
SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



CONSTRUCTION CENTERLINE "L" CURVE TABLE			
CURVE #	RADIUS	LENGTH	DELTA
C1	40.00'	55.25'	79°08'00.00"
C2	74.00'	38.77'	30°01'01.43"
C3	74.00'	43.56'	33°43'50.92"
C4	74.00'	39.86'	30°51'54.87"
C5	74.00'	15.99'	12°22'52.01"
C6	600.00'	234.18'	22°21'46.06"
C7	150.00'	101.39'	38°43'41.34"
C8	30.00'	22.00'	42°00'31.56"
C9	30.00'	47.12'	90°00'00.00"



MATCH LINE STA "F" 8+60
SEE DWG AL-2



KEY PLAN

GENERAL NOTES:

- SEE SURVEY CONTROL POINTS TABLE ON DWG AN-1 FOR DETAILS AND DESCRIPTION OF PROJECT CONTROL.
- SEE DWG AN-1 FOR SURVEY CONTROL NOTES.

LEGEND:

- - - - - PROPERTY LINE
- - - - - RIGHT OF WAY LINE
- - - - - EASEMENT LINE

CONSTRUCTION CENTERLINE "L" LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	131.05'	N31°34'56.00"W
L2	12.96'	N47°33'04.00"E
L3	52.90'	N17°32'02.57"E
L4	20.15'	N16°11'48.36"W
L5	54.45'	N14°40'06.51"E

CONSTRUCTION CENTERLINE "L" LINE TABLE		
LINE #	LENGTH	DIRECTION
L6	79.38'	N02°17'14.50"E
L7	68.92'	N24°39'00.56"E
L8	17.50'	N63°22'41.89"E
L9	23.52'	N21°22'10.33"E
L10	279.72'	S68°37'49.67"E

PLAN
1" = 60'

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ALIGNMENT AND SURVEY CONTROL PLAN
SHEET 1

DRAWING NO. **AL-1**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 6 OF 74

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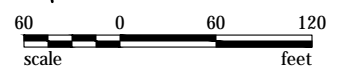
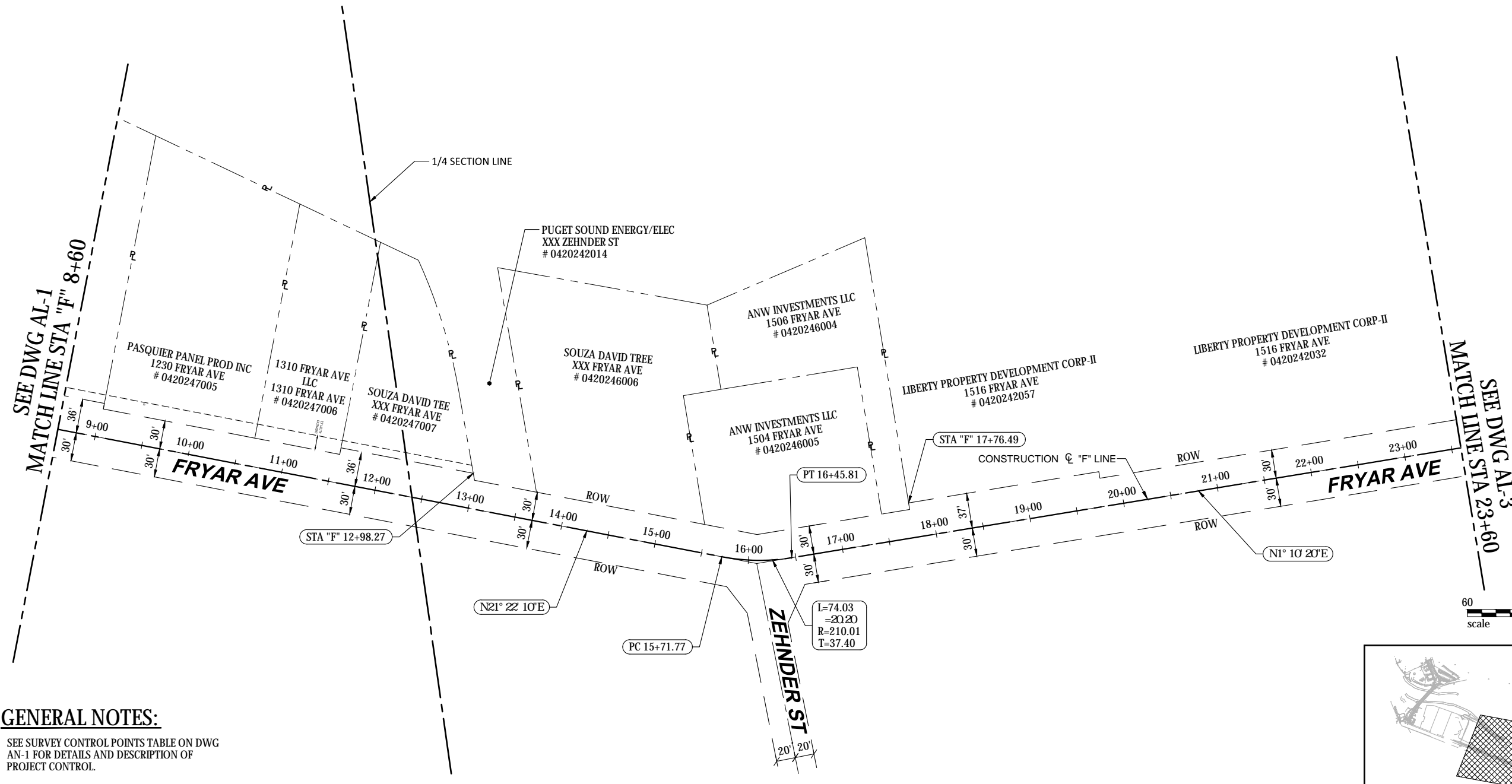
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MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.

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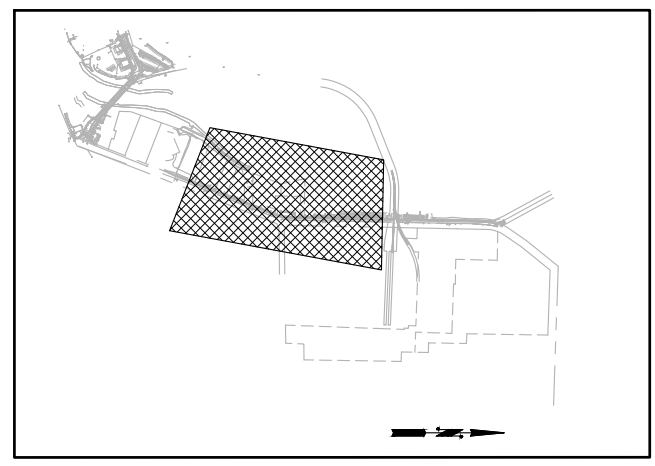
GENERAL NOTES:

1. SEE SURVEY CONTROL POINTS TABLE ON DWG AN-1 FOR DETAILS AND DESCRIPTION OF PROJECT CONTROL.
2. SEE DWG AN-1 FOR SURVEY CONTROL NOTES.

LEGEND:

- P - - - - - PROPERTY LINE
- - - - - RIGHT OF WAY LINE
- - - - - EASEMENT LINE

PLAN
1" = 60'



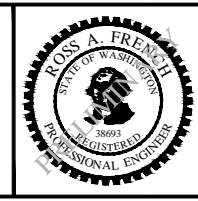
KEY PLAN

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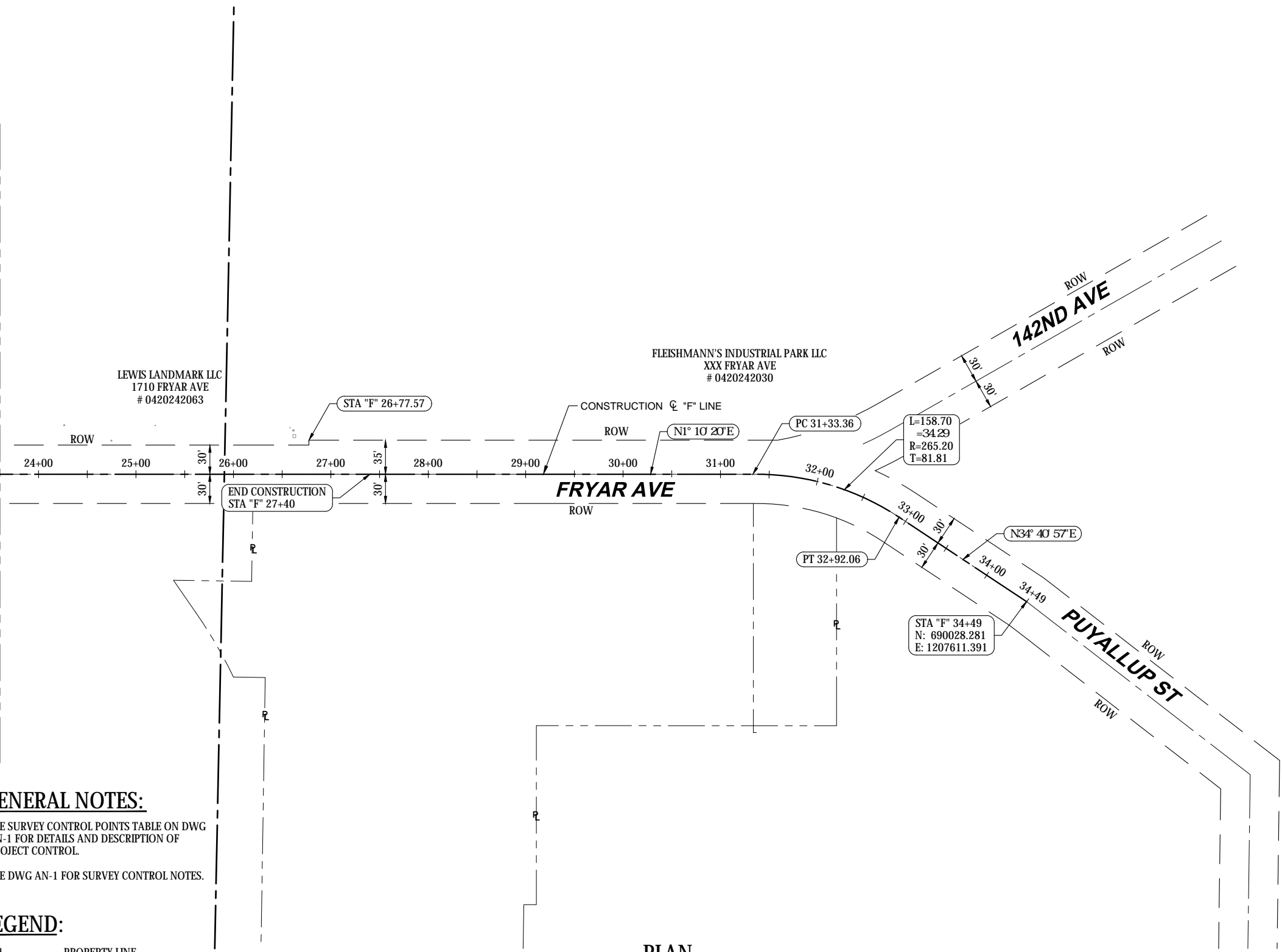
CITY OF SUMNER
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ALIGNMENT AND SURVEY CONTROL PLAN
SHEET 2

DRAWING NO. **AL-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 7 OF 74

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



SEE DWG AL-2
MATCH LINE STA "F" 23+60



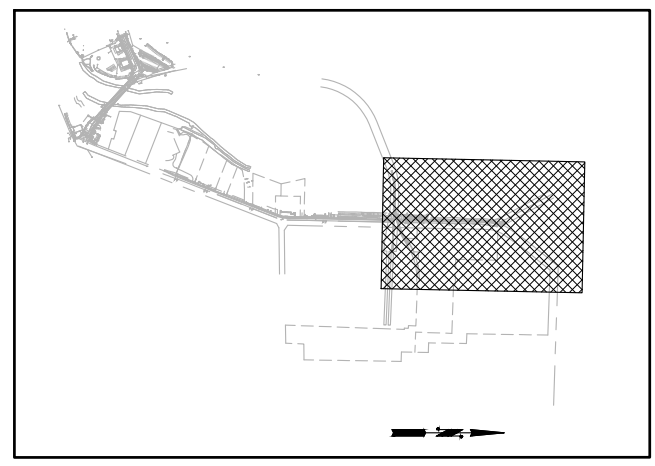
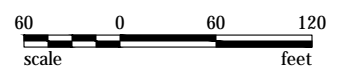
GENERAL NOTES:

- SEE SURVEY CONTROL POINTS TABLE ON DWG AN-1 FOR DETAILS AND DESCRIPTION OF PROJECT CONTROL.
- SEE DWG AN-1 FOR SURVEY CONTROL NOTES.

LEGEND:

- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE

PLAN
1" = 60'



KEY PLAN

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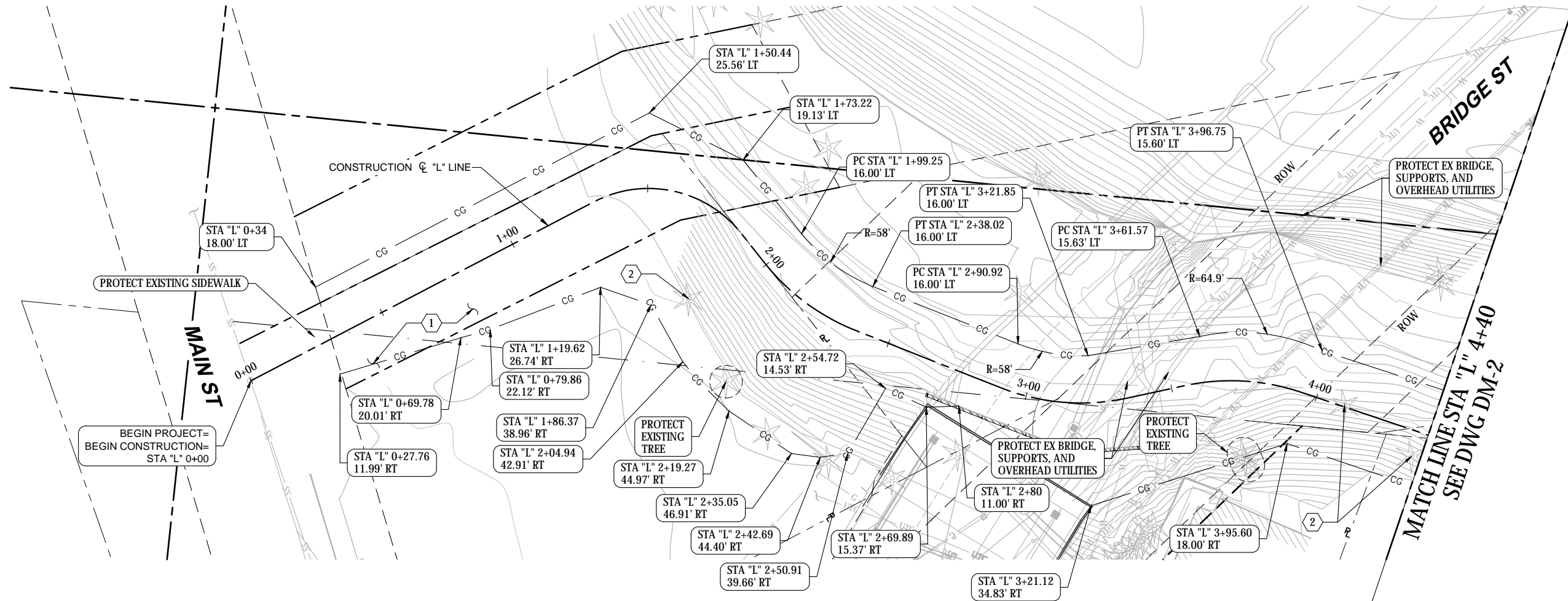
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SHEET 3

DRAWING NO. **AL-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 8 OF 74

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SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'



GENERAL NOTES:

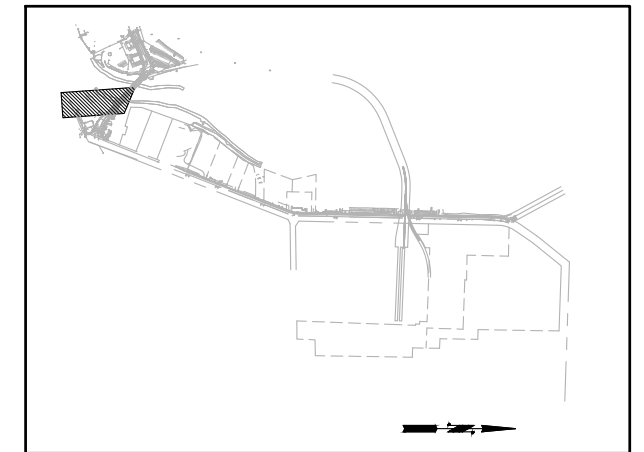
- CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE. SEE RIGHT-OF-WAY PLANS.
- ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS INCLUDING ALL LANE STRIPING, SYMBOLS, AND LETTERING WHICH CONFLICT WITH PROPOSED CHANNELIZATION SHOWN ON THESE PLANS SHALL BE REMOVED.
- IDENTIFY AND PROTECT EXISTING OUTFALLS DURING CONSTRUCTION. MAINTAIN POSITIVE DRAINAGE PATH. CONNECT OUTFALLS TO NEW STORM CONVEYANCE SYSTEM AS REQUIRED. SEE SHEETS RP-1 TO RP-3, AND DP-1 & DP-2.

CONSTRUCTION NOTES:

- 1 DEMOLISH EXISTING BUILDING
- 2 REMOVE SIGNIFICANT TREE

DEMOLITION & REMOVAL LEGEND:

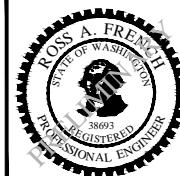
- CG — CLEARING AND GRUBBING
- PROTECT TREE



KEY PLAN

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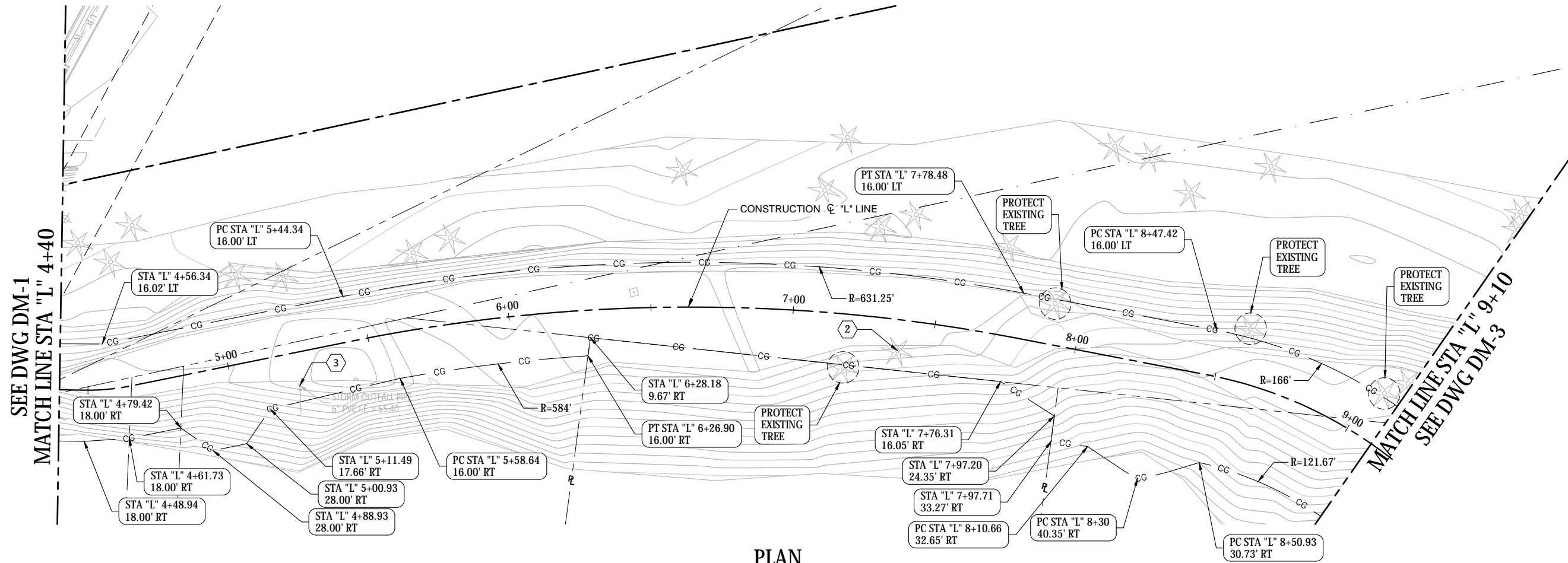
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
DEMOLITION PLAN
SHEET 1

DRAWING NO. **DM-1**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 9 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'



GENERAL NOTES:

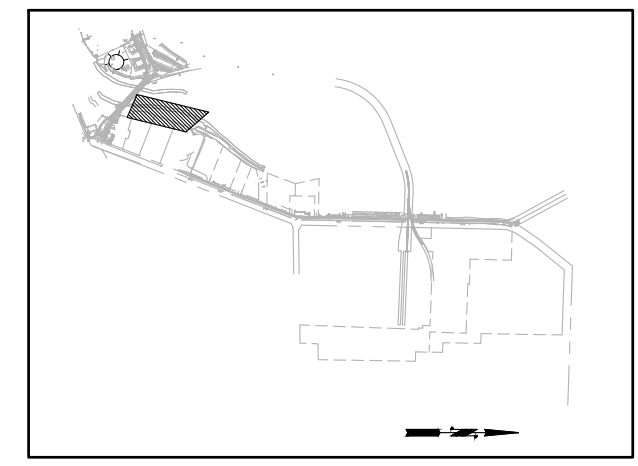
- CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE. SEE RIGHT-OF-WAY PLANS.
- ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS INCLUDING ALL LANE STRIPING, SYMBOLS, AND LETTERING WHICH CONFLICT WITH PROPOSED CHANNELIZATION SHOWN ON THESE PLANS SHALL BE REMOVED.
- IDENTIFY AND PROTECT EXISTING OUTFALLS DURING CONSTRUCTION. MAINTAIN POSITIVE DRAINAGE PATH. CONNECT OUTFALLS TO NEW STORM CONVEYANCE SYSTEM AS REQUIRED. SEE SHEETS RP-1 TO RP-3, AND DP-1 & DP-2.

CONSTRUCTION NOTES:

- ② REMOVE SIGNIFICANT TREE
- ③ PROTECT EXISTING OUTFALL

DEMOLITION & REMOVAL LEGEND:

- CG — CLEARING AND GRUBBING
- PROTECT TREE



KEY PLAN

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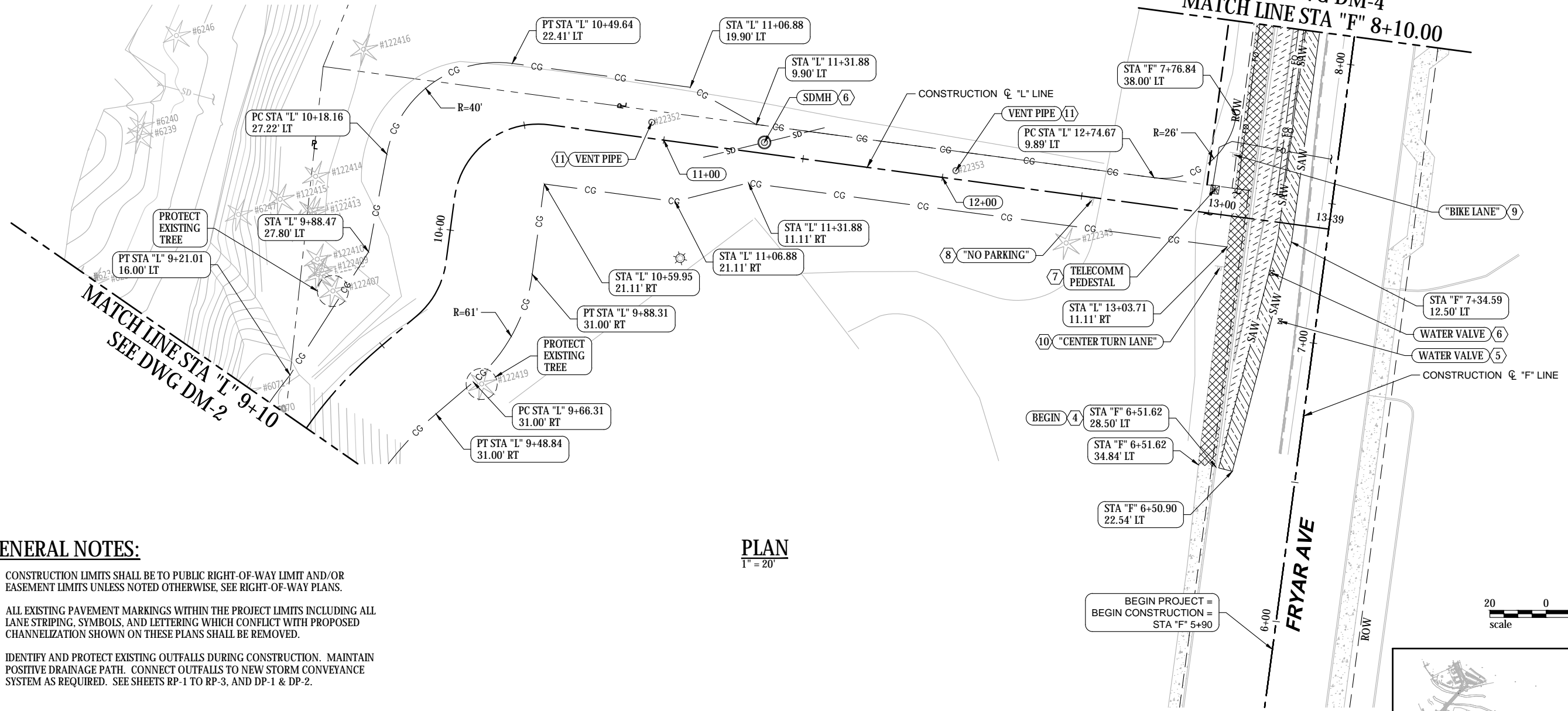
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CITY OF SUMNER
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DEMOLITION PLAN
SHEET 2

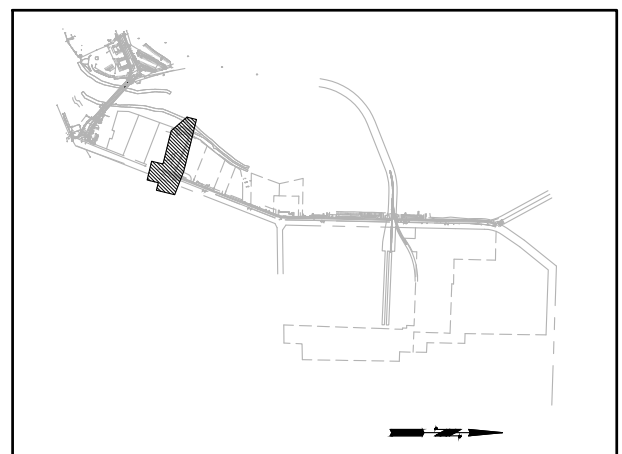
DRAWING NO. **DM-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 10 OF 74

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.

SEE DWG DM-4
MATCH LINE STA "F" 8+10.00



PLAN
1" = 20'



GENERAL NOTES:

1. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.
2. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS INCLUDING ALL LANE STRIPING, SYMBOLS, AND LETTERING WHICH CONFLICT WITH PROPOSED CHANNELIZATION SHOWN ON THESE PLANS SHALL BE REMOVED.
3. IDENTIFY AND PROTECT EXISTING OUTFALLS DURING CONSTRUCTION. MAINTAIN POSITIVE DRAINAGE PATH. CONNECT OUTFALLS TO NEW STORM CONVEYANCE SYSTEM AS REQUIRED. SEE SHEETS RP-1 TO RP-3, AND DP-1 & DP-2.

DEMOLITION & REMOVAL LEGEND:

- REMOVE ASPHALT CONCRETE PAVEMENT
- PLANING ASPHALT CONCRETE PAVEMENT
- REMOVE CEMENT CONCRETE SIDEWALK
- SAW
- SAWCUT
- CLEARING AND GRUBBING
- PROTECT TREE

CONSTRUCTION NOTES:

- REMOVE EXISTING CURB AND GUTTER
- PROTECT EXISTING UTILITY
- ADJUST EXISTING UTILITY TO GRADE
- RELOCATE EXISTING UTILITY
- RELOCATE EXISTING SIGN
- REMOVE AND SALVAGE EXISTING SIGN
- PROTECT EXISTING SIGN
- CUT & AND CAP EXISTING VENT PIPE PER DETAIL

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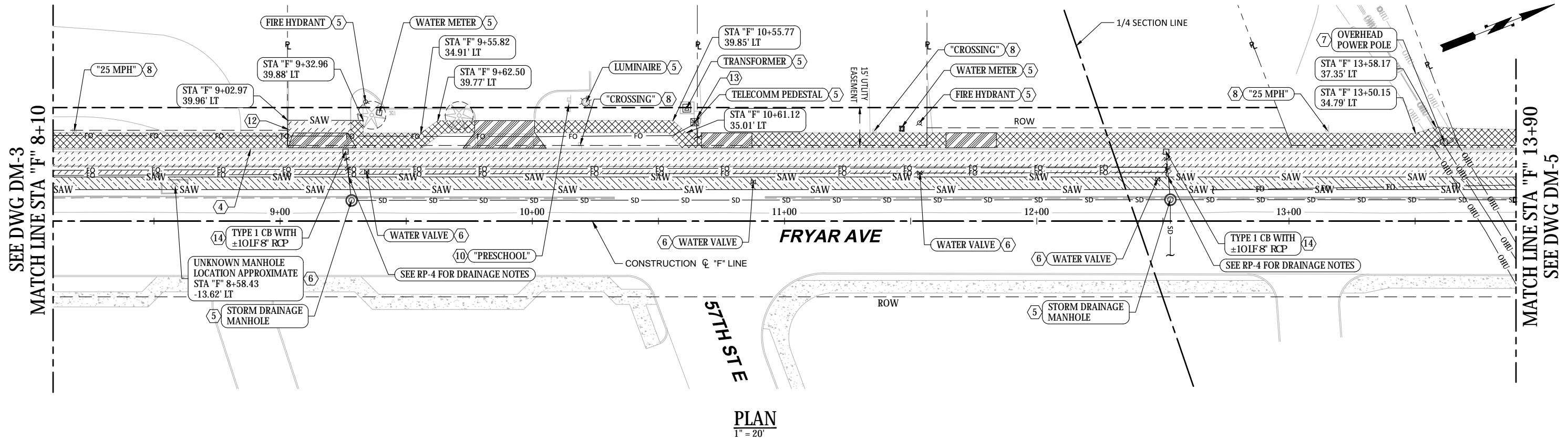
CITY OF SUMNER
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DEMOLITION PLAN
SHEET 3

DRAWING NO. **DM-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 11 OF 74

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SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

GENERAL NOTES:

1. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.
2. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS INCLUDING ALL LANE STRIPING, SYMBOLS, AND LETTERING WHICH CONFLICT WITH PROPOSED CHANNELIZATION SHOWN ON THESE PLANS SHALL BE REMOVED.

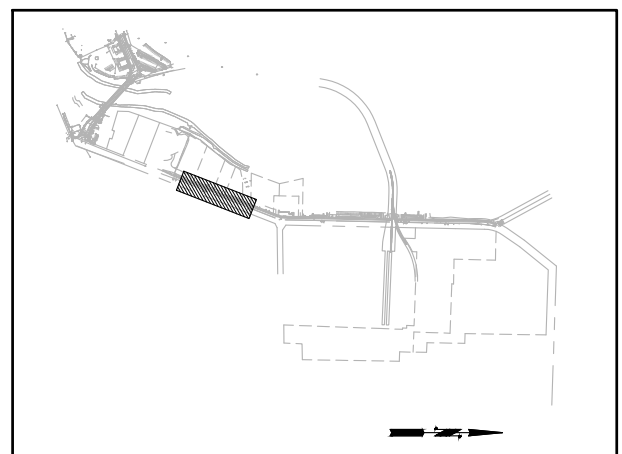


DEMOLITION & REMOVAL LEGEND:

- REMOVE ASPHALT CONCRETE PAVEMENT
- PLANING ASPHALT CONCRETE PAVEMENT
- REMOVE CEMENT CONCRETE SIDEWALK
- REMOVE CEMENT CONCRETE DRIVEWAY
- SAWCUT
- UTILITY TO BE ABANDONED BY REMOVAL
- PROTECT TREE

CONSTRUCTION NOTES:

- 4 REMOVE EXISTING CURB AND GUTTER
- 5 PROTECT EXISTING UTILITY
- 6 ADJUST EXISTING UTILITY TO GRADE
- 7 RELOCATE EXISTING UTILITY
- 8 RELOCATE EXISTING SIGN
- 10 PROTECT EXISTING SIGN
- 12 REMOVE EXISTING DRIVEWAY CURB
- 13 PROTECT EXISTING MAIL BOX
- 14 REMOVE EXISTING DRAINAGE STRUCTURE



KEY PLAN

30% SUBMITTAL

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CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555			
MARK	REVISION DESCRIPTION	BY	APP. DATE

WSP
WSP USA Inc.
33301 9th Avenue South
Suite 300
Federal Way, WA 98003-2600
TEL: (206) 431-2300
FAX: (206) 431-2250

CITY OF SUMNER WASHINGTON

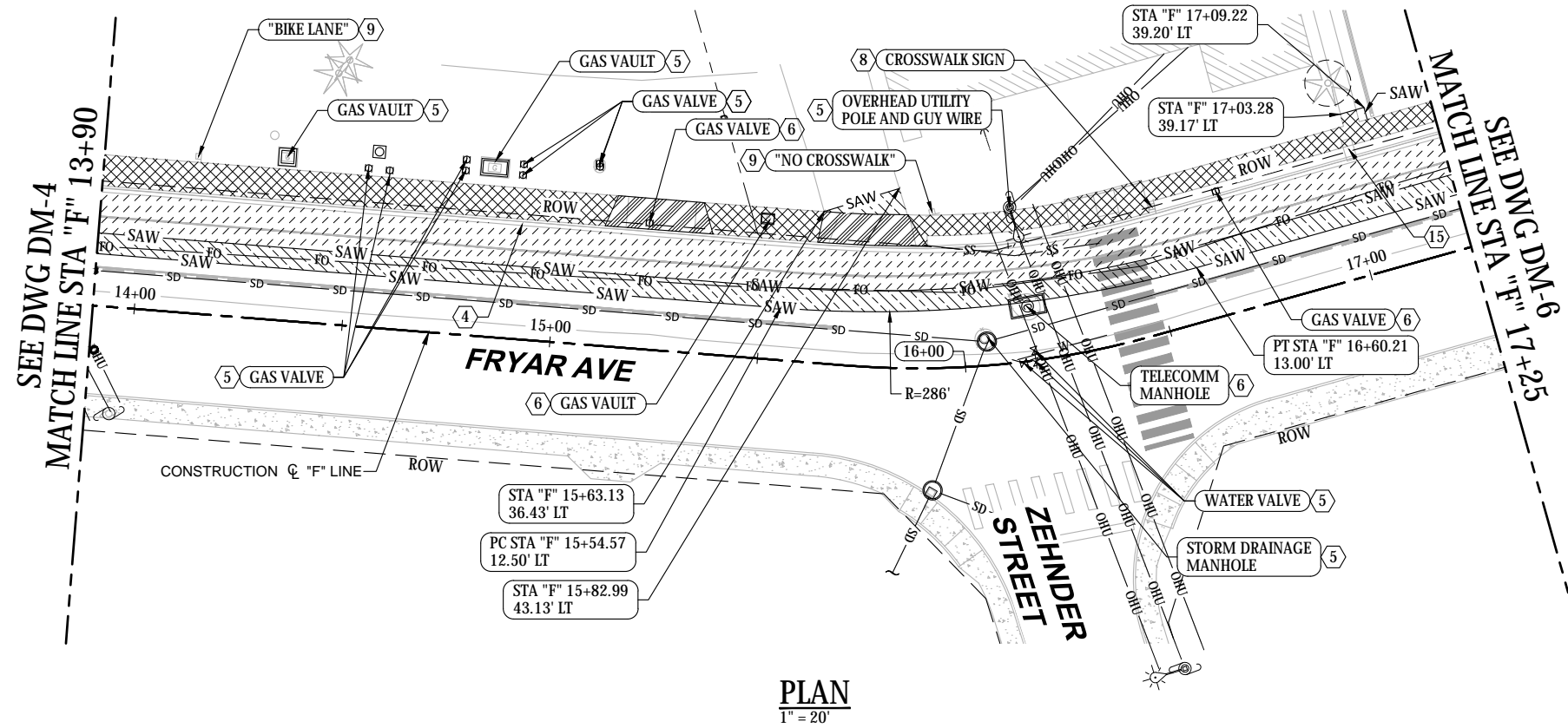
ROSS A. FRENCH
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY JCR
DESIGN BY AD
CHECK BY RAF
PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
DEMOLITION PLAN
SHEET 4

DRAWING NO. **DM-4**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 12 OF 74

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

GENERAL NOTES:

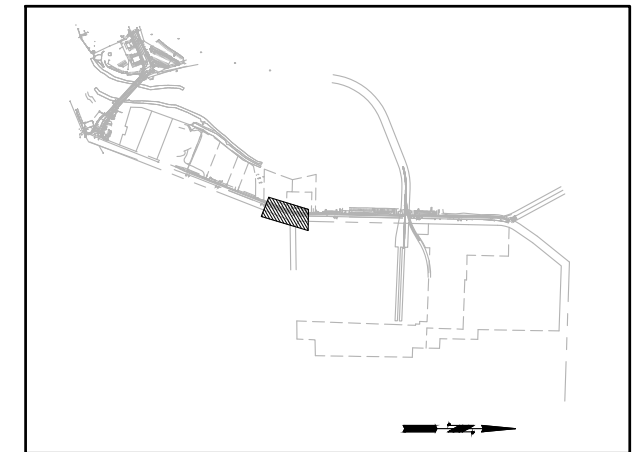
1. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.
2. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS INCLUDING ALL LANE STRIPING, SYMBOLS, AND LETTERING WHICH CONFLICT WITH PROPOSED CHANNELIZATION SHOWN ON THESE PLANS SHALL BE REMOVED.

DEMOLITION & REMOVAL LEGEND:

- REMOVE ASPHALT CONCRETE PAVEMENT
- PLANING ASPHALT CONCRETE PAVEMENT
- REMOVE CEMENT CONCRETE SIDEWALK
- REMOVE CEMENT CONCRETE DRIVEWAY
- SAWCUT
- PROTECT TREE

CONSTRUCTION NOTES:

- REMOVE EXISTING CURB AND GUTTER
- PROTECT EXISTING UTILITY
- ADJUST EXISTING UTILITY TO GRADE
- RELOCATE EXISTING SIGN
- REMOVE AND SALVAGE EXISTING SIGN
- RELOCATE EXISTING MAIL BOX



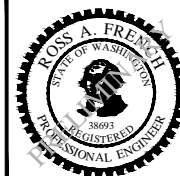
KEY PLAN

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CITY OF SUMNER WASHINGTON



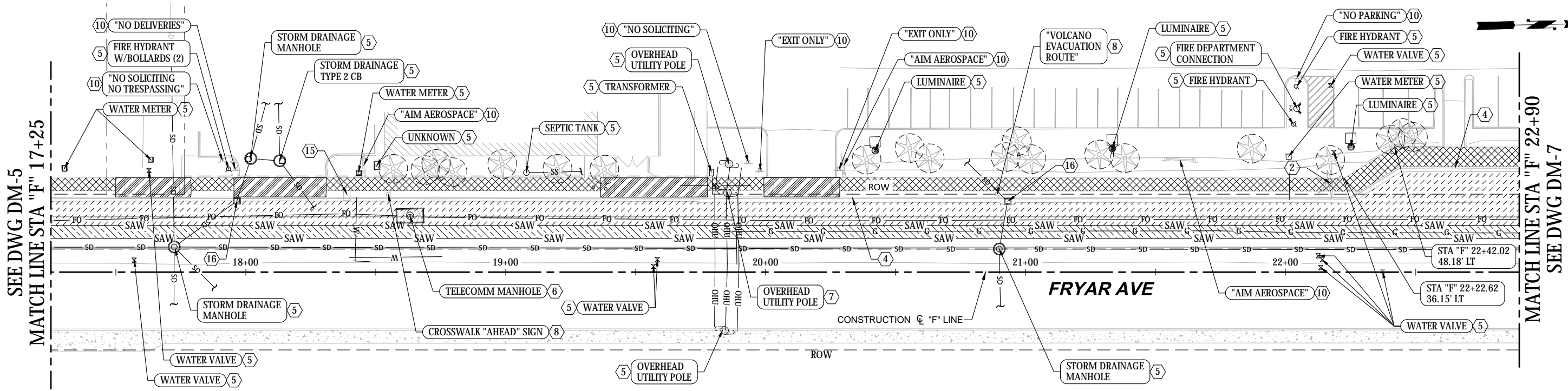
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
DEMOLITION PLAN
SHEET 5

DRAWING NO. **DM-5**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 13 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

GENERAL NOTES:

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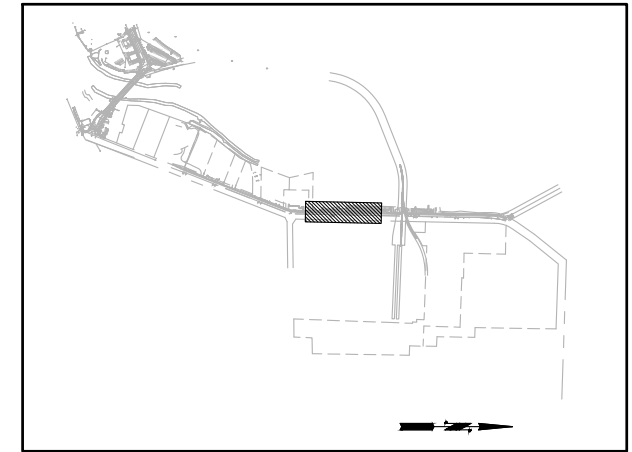


DEMOLITION & REMOVAL LEGEND:

- REMOVE ASPHALT CONCRETE PAVEMENT
- PLANING ASPHALT CONCRETE PAVEMENT
- REMOVE CEMENT CONCRETE SIDEWALK
- REMOVE CEMENT CONCRETE DRIVEWAY
- SAWCUT
- PROTECT TREE

CONSTRUCTION NOTES:

- ② REMOVE SIGNIFICANT TREE
- ④ REMOVE EXISTING CURB AND GUTTER
- ⑤ PROTECT EXISTING UTILITY
- ⑥ ADJUST EXISTING UTILITY TO GRADE
- ⑦ RELOCATE EXISTING UTILITY
- ⑧ RELOCATE EXISTING SIGN
- ⑩ PROTECT EXISTING SIGN
- ⑮ RELOCATE EXISTING MAIL BOX
- ⑰ ADJUST CATCH BASIN TO GRADE AND PROVIDE SOLID LOCKING LID WITH NON-SKID SURFACE



KEY PLAN

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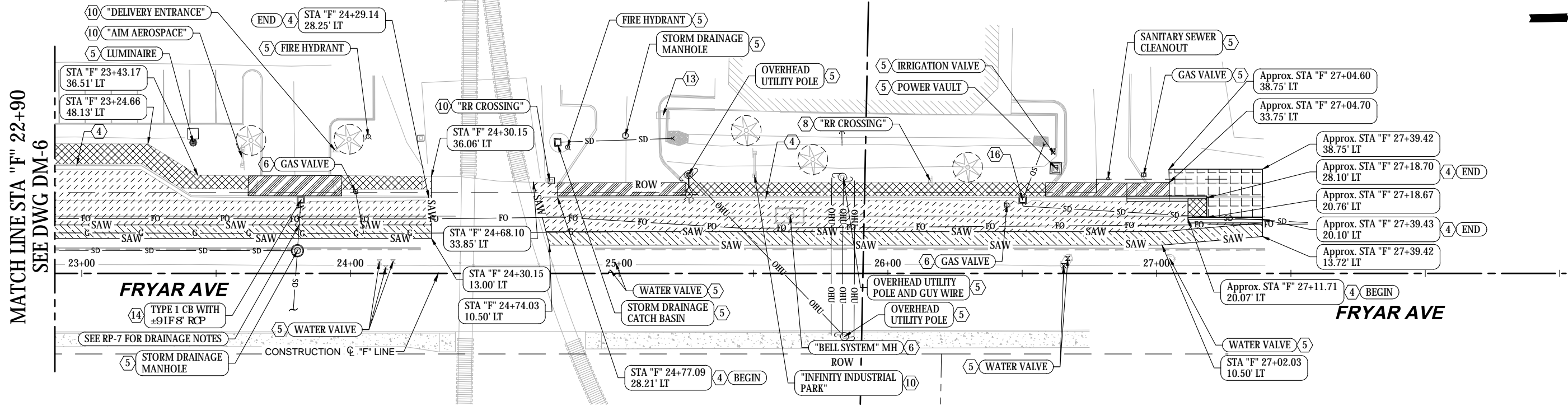
CITY OF SUMNER
WASHINGTON

ROSS A. FRENCH
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
38693

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
DEMOLITION PLAN
SHEET 6

DRAWING NO.	DM-6
PROJECT NO.	A15.0029
DATE:	3/31/20
SHEET NO.	14 OF 74

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

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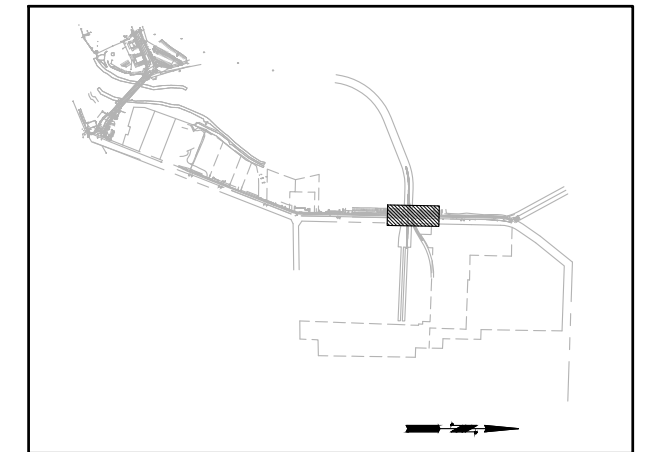


DEMOLITION & REMOVAL LEGEND:

- REMOVE ASPHALT CONCRETE PAVEMENT
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- REMOVE CEMENT CONCRETE DRIVEWAY
- REMOVE ASPHALT CONCRETE SIDEWALK
- SAWCUT
- PROTECT TREE

CONSTRUCTION NOTES:

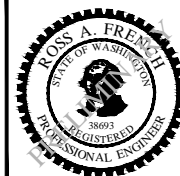
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- ADJUST EXISTING UTILITY TO GRADE
- RELOCATE EXISTING SIGN
- PROTECT EXISTING SIGN
- PROTECT EXISTING MAIL BOX
- REMOVE EXISTING DRAINAGE STRUCTURE
- ADJUST EXISTING CATCH BASIN TO GRADE AND PROVIDE SOLID LOCKING LID WITH NON-SKID SURFACE



KEY PLAN

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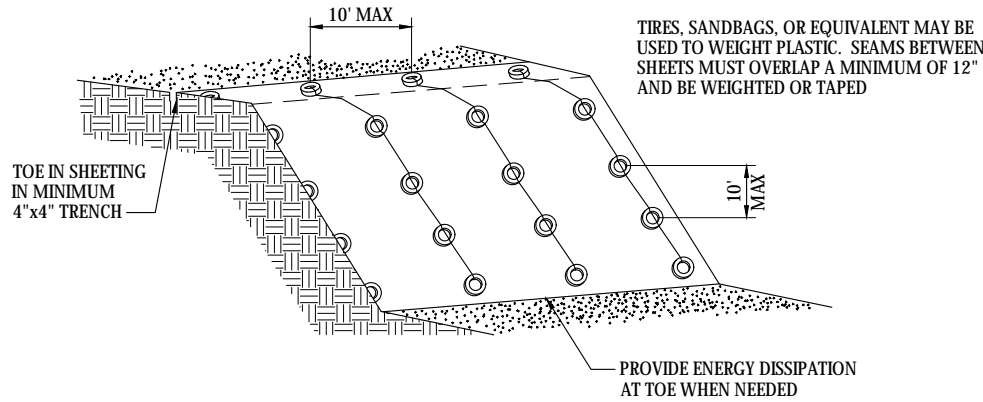
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
DEMOLITION PLAN
SHEET 7

DRAWING NO. **DM-7**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 15 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

HYDROSEEDING:

1. APPLY GRASS SEED MIX AT A RATE OF 120 POUNDS PER ACRE.
2. APPLY A SLOW RELEASE ORGANIC FERTILIZER AT A RATE OF 400 LBS/ACRES. THE N-P-K FORMULA SHALL BE WITHIN THE FOLLOWING RANGE: NITROGEN 6-8%, PHOSPOROUS 2-4%, POTASSIUM 3-4%.
3. WOOD CELLULOSE FIBER TO BE APPLIED AT A RATE OF 2,000 LBS/ACRES. INCLUDE A TACKIFIER.



EROSION CONTROL - PLASTIC SHEETING

NTS

TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) NOTES:

1. APPROVAL OF THIS STORMWATER SITE PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
2. THE IMPLEMENTATION OF THESE TESC BMPs AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. THE TESC BMPs SHOWN MUST BE CONSTRUCTED PRIOR TO ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE PERMITTEE SHALL NOTIFY THE CITY ENGINEER OR DESIGNEE TO SCHEDULE INSPECTIONS AT THE COMPLETION OF THE FOLLOWING PHASES OF WORK:
 - PRECONSTRUCTION INSPECTION. PRIOR TO THE COMMENCEMENT OF ANY OTHER WORK, THE INSPECTION OF EROSION AND SEDIMENT CONTROL DEVICES SHALL TAKE PLACE WHEN INSTALLATION OF ALL THE EROSION AND SEDIMENT CONTROL DEVICES HAS BEEN COMPLETED ACCORDING TO APPROVED PLANS. ONLY THE MINIMUM AREA NECESSARY FOR INSTALLATION OF EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CLEARED AND/OR GRADED PRIOR TO THIS INSPECTION.
 - ROUGH GRADING INSPECTION. WHEN ALL ROUGH GRADING IS COMPLETE, INSPECTION OF THE SITE SHALL TAKE PLACE TO DETERMINE THE SATISFACTORY FUNCTIONING OF ALL EROSION AND SEDIMENT CONTROL DEVICES.
 - FINAL INSPECTION. UPON COMPLETION OF ALL CONSTRUCTION, INSPECTION OF THE SITE SHALL TAKE PLACE TO DETERMINE THAT ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN REMOVED AND THAT THE SITE HAS BEEN PERMANENTLY STABILIZED.
6. THE TESC BMPs SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS AND AS THE CITY REQUIRES.
7. FROM OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 2 DAYS. FROM MAY 1 THROUGH SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7 DAYS. THIS CONDITION APPLIES TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR NOT. SEE THE DEPARTMENT OF ECOLOGY 2005 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOLUME II, FOR ADDITIONAL SOIL STABILIZATION REQUIREMENTS.
8. ANY AREA NEEDING TESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN 15 DAYS.
9. AT NO TIME SHALL MORE THAN 1 FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. 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.
10. 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.
11. PROVISIONS SHALL BE MADE TO AVOID THE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PAVED PUBLIC ROADS. IF SEDIMENT IS DEPOSITED, THE ROADS ARE TO BE CLEANED EVERY DAY BY SWEEPING.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION-CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY AND SHALL BE CLEANED OUT ENTIRELY FOLLOWING PROJECT COMPLETION.
13. AS CONSTRUCTION PROGRESSES AND UNEXPECTED SEASONAL CONDITIONS DICTATE, AND AS THE CITY REQUIRES, THE PERMITTEE SHOULD ANTICIPATE THAT MORE TESC MEASURES WILL BE NECESSARY TO PROTECT ADJACENT PROPERTIES AND ENSURE ADEQUATE WATER QUALITY FOR SITE RUNOFF. IT SHALL BE THE RESPONSIBILITY OF THE ESC SUPERVISOR TO ADDRESS DEFICIENT TESC CONDITIONS AND PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE MINIMUM REQUIREMENTS OUTLINED ON THE APPROVED PLANS.
14. THE ESC SUPERVISOR SHALL INSPECT ALL TESC MEASURES MONTHLY DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30), WEEKLY DURING THE WET SEASON (OCTOBER 1 TO APRIL 30), AND IMMEDIATELY FOLLOWING SIGNIFICANT STORMS (0.4 INCHES OF PRECIPITATION IN 24 HOURS). WRITTEN RECORD OF THESE INSPECTIONS SHALL BE RETAINED ON SITE, WITH A COPY OF THE INSPECTION REPORT BEING FORWARDED TO THE CITY ENGINEER OR DESIGNEE WITHIN 48 HOURS OF EACH INSPECTION. ESC SUPERVISOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TESC BMPs AS NECESSARY TO ENSURE CONTINUED SATISFACTORY FUNCTION AND OPERATION.
15. RETURN SILTATION CONTROL AREAS TO ORIGINAL OR BETTER GROUND CONDITIONS AT PROJECT COMPLETION.
16. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE SEEDED AND/OR COVERED IN PREPARATION FOR THE WINTER RAINS.
17. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES UPON COMPLETION OF PROJECT.

TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN REQUIREMENTS	BEST MANAGEMENT PRACTICES - (BMP) (AS REQUIRED)
ELEMENT #1: DELINEATE CLEARING AND GRADING LIMITS	PRESERVE NATURAL VEGETATION; BUFFER ZONES; HIGH VISIBILITY FENCE; STAKE AND WIRE FENCE
ELEMENT #2: ESTABLISH CONSTRUCTION ACCESS	STABILIZED CONSTRUCTION ENTRANCE, WHEEL WASH, CONSTRUCTION ROAD/PARKING AREA STABILIZATION
ELEMENT #3: CONTROL FLOW RATES	SEDIMENT TRAP; CHECK DAMS; INTERCEPTOR DIKE & SWALE
ELEMENT #4: INSTALL SEDIMENT CONTROLS	GRAVEL FILTER BERM; COMPOST BERM; SILT FENCE; VEGETATED STRIP; COMPOST WATTLES; SEDIMENT TRAP.
ELEMENT #5: STABILIZE SOILS	TEMPORARY & PERMANENT SEEDING; STRAW AND WOOD CHIP MULCHING; EROSION CONTROL BLANKETS; MATTING AND NETS
ELEMENT #6: PROTECT SLOPES	TEMPORARY & PERMANENT SEEDING; PRESERVE VEGETATION; PHASED GRADING; SURFACE ROUGHENING; EROSION CONTROL BLANKETS; MATTING & NETS; PLASTIC COVERING; INTERCEPTOR DIKE & SWALE; GRASS LINED CHANNELS; SUBSURFACE DRAINS; CHECK DAMS; TRIANGULAR SILT DIKE
ELEMENT #7: PROTECT DRAIN INLETS	STORMDRAIN INLET PROTECTION; INTERCEPTOR DIKE & SWALE
ELEMENT #8: STABILIZE CHANNELS AND OUTLETS	CHANNEL LINING; OUTLET PROTECTION; EROSION CONTROL BLANKETS; MATTING & NETS; SODDING AND/OR PERMANENT SEEDING
ELEMENT #9: CONTROL POLLUTANTS	CONCRETE HANDLING; SAWCUTTING AND SURFACE POLLUTION PREVENTION; FUGITIVE DUST CONTROL
ELEMENT #10: CONTROL DE-WATERING	SEDIMENT TRAP; SEDIMENT BAG; TRANSPORT OFF SITE; VEGETATED FILTER STRIP; INFILTRATION; CONTROLLED DISCHARGE
ELEMENT #11: MAINTAIN BMP'S	INSPECT, REPAIR, AND MAINTAIN AS NEEDED TO KEEP IN GOOD WORKING ORDER THROUGHOUT CONSTRUCTION. REPLACE AS NEEDED OR AS DIRECTED BY THE ENGINEER. MAINTENANCE RECORDS SHALL BE KEPT BY THE CONTRACTOR PER PROJECT SPECIFICATIONS.
ELEMENT #12: MANAGE THE PROJECT	PHASE CONSTRUCTION; SEASONAL WORK LIMITATIONS; COORDINATION WITH OTHER CONTRACTORS; INSPECTION AND MONITORING

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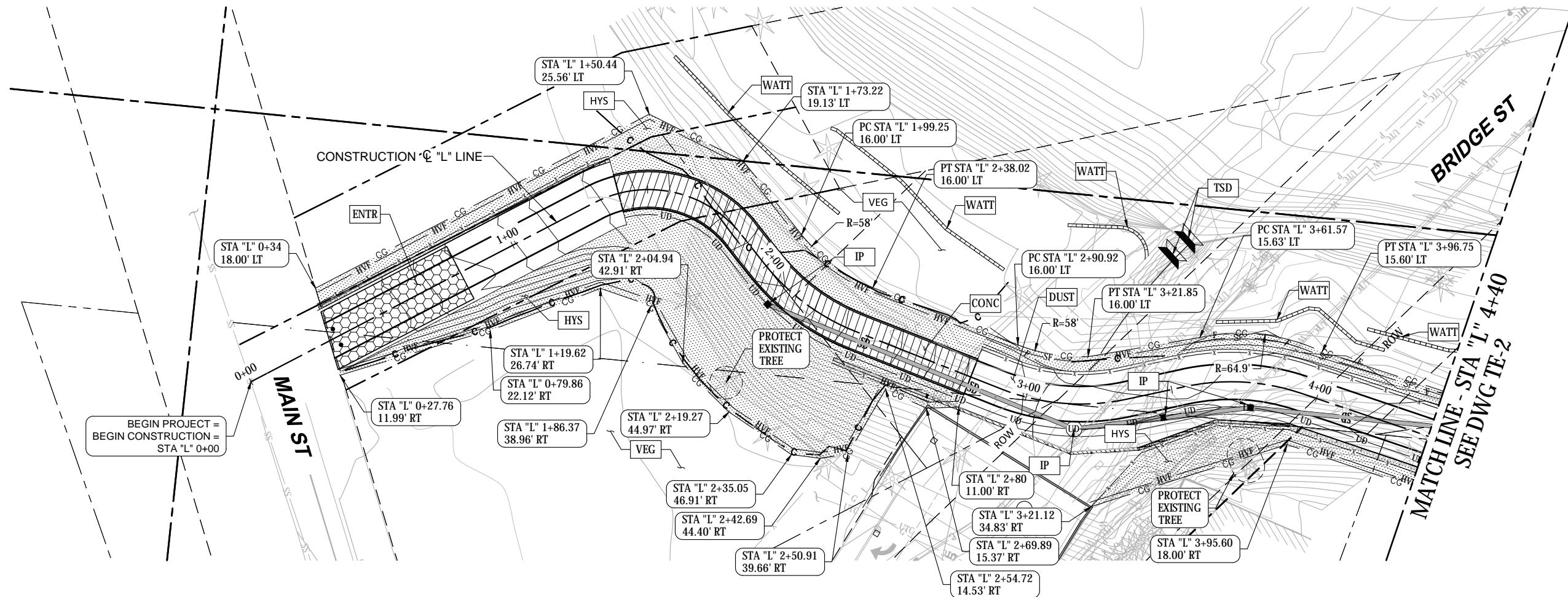
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
NOTES

30% SUBMITTAL

DRAWING NO. **TN-1**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 16 OF 74

MARK	REVISION	DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'



PERMANENT EROSION CONTROL NOTES:

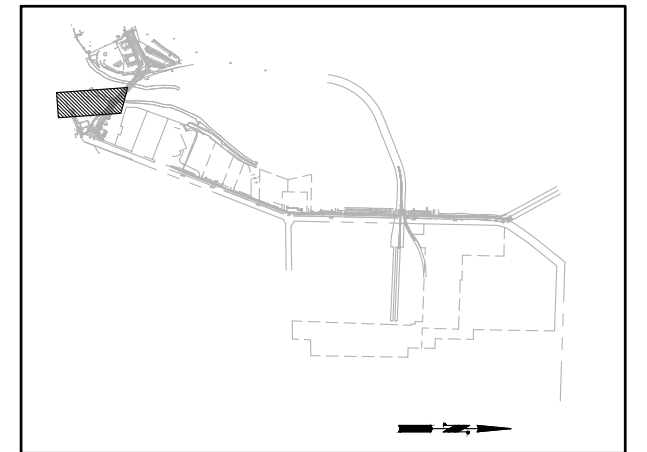
1. TOPSOIL TYPE A SHALL BE PLACED TO A MINIMUM DEPTH OF 4 INCHES AND TO THE FINISHED GRADE IN ALL AREAS TO BE SEEDED AND THEN THE AREAS SHALL BE HYDROSEEDED.
2. USE BMP C130: SURFACE ROUGHENING, BMP C125: TOP SOILING, AND BMP C123: PLASTIC COVERING, AS REQUIRED TO PREPARE EXPOSED SURFACE FOR FINAL SEEDING AS DIRECTED BY THE ENGINEER.
3. GRADE ANY DISTURBED AREAS BACK TO THEIR EXISTING CONDITION AND HYDROSEED THESE AREAS AS DIRECTED BY THE ENGINEER.

CONSTRUCTION EROSION CONTROL NOTES:

1. ALL BMP NUMBERS CORRESPOND TO THE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON AND SHALL BE INSTALLED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH SAID MANUAL.
2. SILT FENCE SHALL BE PLACED 1 FOOT INSIDE THE CLEARING AND GRUBBING LIMITS, UNLESS NOTED OTHERWISE. CLEARING AND GRUBBING LIMITS WILL BE ESTABLISHED BY THE CUT AND FILL LIMITS UNLESS NOTED OTHERWISE. FOR EASE OF REFERENCE, CLEARING AND GRUBBING IS SHOWN AT A 1 FOOT OFFSET FROM CUT AND FILL LIMITS.
3. STOCKPILE LOCATIONS SHALL BE AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE CITY OF SUMNER.
4. CONTRACTOR SHALL MAINTAIN BMP C150 "MATERIAL ON HAND" ON-SITE IN AN AREA EASILY ACCESSIBLE.
5. SAMPLING LOCATIONS TO BE FIELD LOCATED BY CERTIFIED EROSION AND SEDIMENT CONTROL LEAD.
6. CONTRACTOR TO PLACE WATTLES ALONG EMBANKMENT AS NEEDED.
7. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.

EROSION AND SEDIMENTATION CONTROL LEGEND:

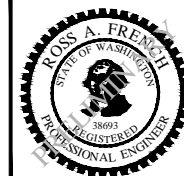
VEG	BMP C101:	PRESERVE NATURAL VEGETATION
ENTR	BMP C105:	STABILIZED CONSTRUCTION ENTRANCE
DUST	BMP C140:	DUST CONTROL
CONC	BMP C151:	CONCRETE HANDLING
IP	BMP C220:	STORM DRAIN INLET PROTECTION
OFF	BMP C209:	OUTLET PROTECTION
WATT	BMP C235:	STRAW WATTLES PER WSDOT STD PLAN 1-30.30-01
SF	BMP C233:	SILT FENCE
TSD	BMP C208:	TRIANGULAR SILT DIKE (GEOTEXTILE ENCASED CHECK DAM)
SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	
HVF	BMP C103:	HIGH VISIBILITY FENCE



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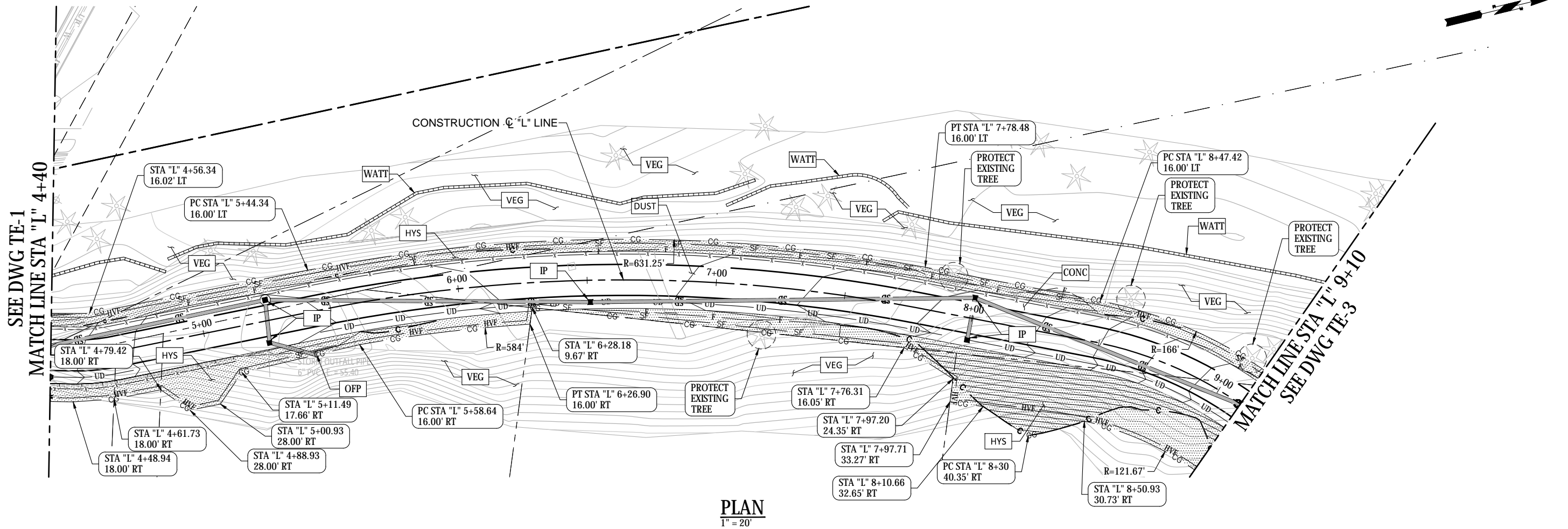
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 1

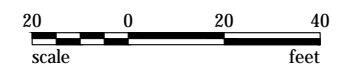
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PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 17 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'



PERMANENT EROSION CONTROL NOTES:

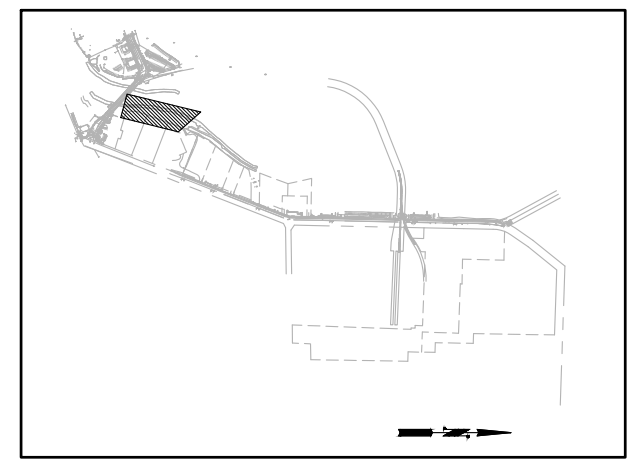
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EROSION AND SEDIMENTATION CONTROL LEGEND:

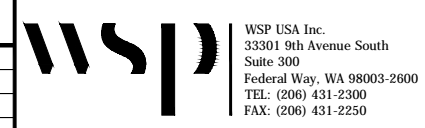
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WATT	BMP C235:	STRAW WATTLES PER WSDOT STD PLAN I-30.30-01
SF	BMP C233:	SILT FENCE
TSD	BMP C208:	TRIANGULAR SILT DIKE (GEOTEXTILE ENCASED CHECK DAM)
SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	
HVF	BMP C103:	HIGH VISIBILITY FENCE



KEY PLAN

30% SUBMITTAL

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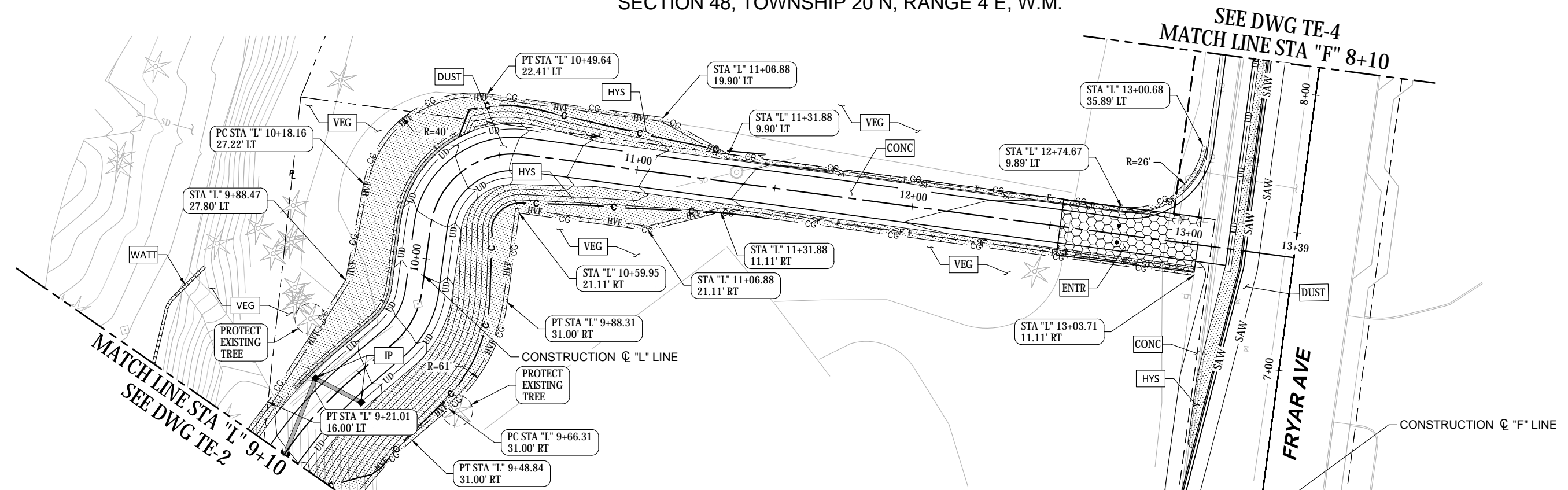
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 2

DRAWING NO. **TE-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 18 OF 74

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MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

PERMANENT EROSION CONTROL NOTES:

1. TOPSOIL TYPE A SHALL BE PLACED TO A MINIMUM DEPTH OF 4 INCHES AND TO THE FINISHED GRADE IN ALL AREAS TO BE SEEDED AND THEN THE AREAS SHALL BE HYDROSEEDED.
2. USE BMP C130: SURFACE ROUGHENING, BMP C125: TOP SOILING, AND BMP C123: PLASTIC COVERING, AS REQUIRED TO PREPARE EXPOSED SURFACE FOR FINAL SEEDING AS DIRECTED BY THE ENGINEER.
3. GRADE ANY DISTURBED AREAS BACK TO THEIR EXISTING CONDITION AND HYDROSEED THESE AREAS AS DIRECTED BY THE ENGINEER.

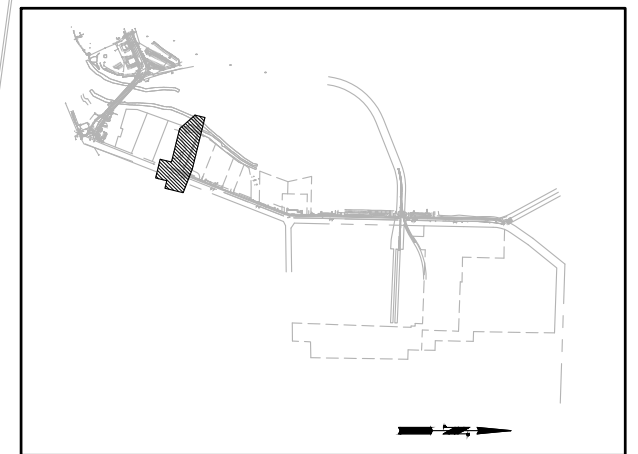
CONSTRUCTION EROSION CONTROL NOTES:

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7. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.

EROSION AND SEDIMENTATION CONTROL LEGEND:

VEG	BMP C101:	PRESERVE NATURAL VEGETATION
ENTR	BMP C105:	STABILIZED CONSTRUCTION ENTRANCE
DUST	BMP C140:	DUST CONTROL
CONC	BMP C151:	CONCRETE HANDLING
IP	BMP C220:	STORM DRAIN INLET PROTECTION
OPF	BMP C209:	OUTLET PROTECTION
WATT	BMP C235:	STRAW WATTLES PER WSDOT STD PLAN I-30.30-01
SF	BMP C233:	SILT FENCE
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SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	
HVF	BMP C103:	HIGH VISIBILITY FENCE

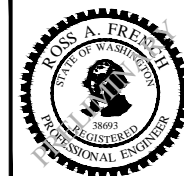
BEGIN PROJECT = STA "F" 5+90
BEGIN CONSTRUCTION = STA "F" 5+90



KEY PLAN

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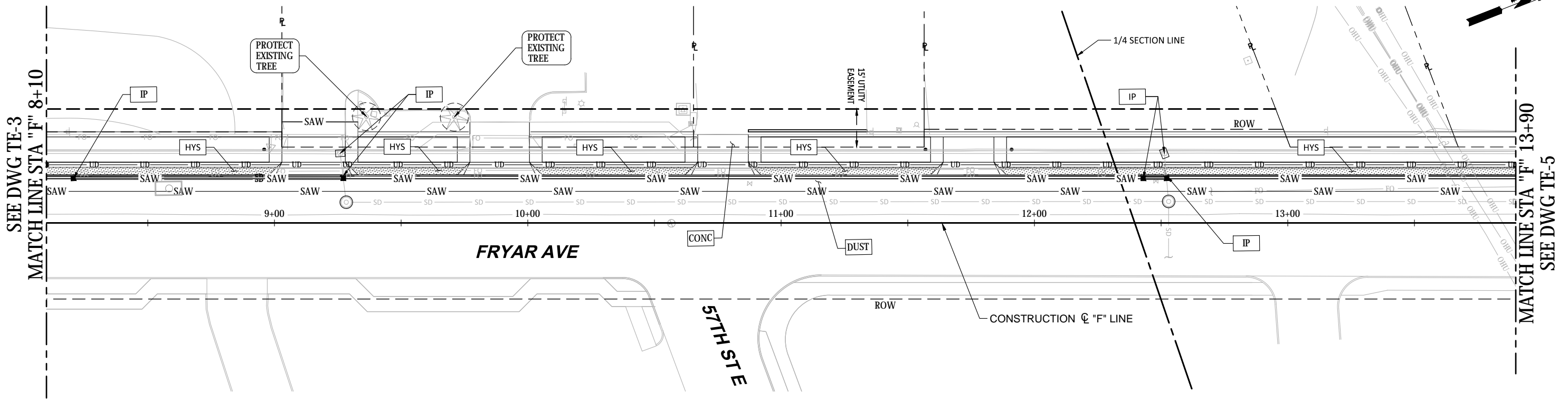
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 3

DRAWING NO. **TE-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 19 OF 74

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MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

PERMANENT EROSION CONTROL NOTES:

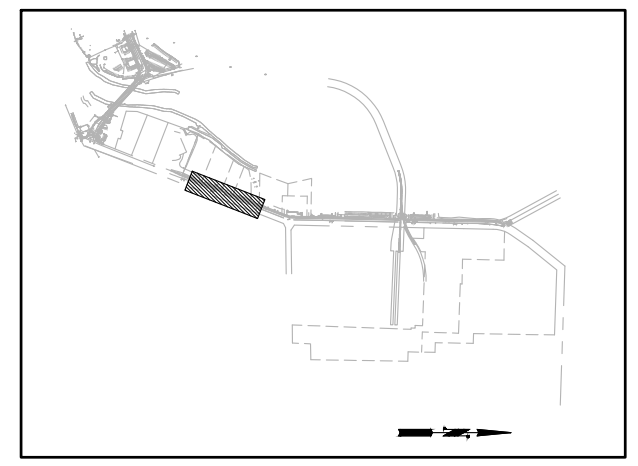
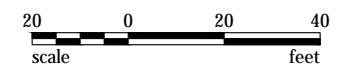
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7. CONSTRUCTION LIMITS SHALL BE TO PUBLIC RIGHT-OF-WAY LIMIT AND/OR EASEMENT LIMITS UNLESS NOTED OTHERWISE, SEE RIGHT-OF-WAY PLANS.

EROSION AND SEDIMENTATION CONTROL LEGEND:

VEG	BMP C101:	PRESERVE NATURAL VEGETATION
ENTR	BMP C105:	STABILIZED CONSTRUCTION ENTRANCE
DUST	BMP C140:	DUST CONTROL
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IP	BMP C220:	STORM DRAIN INLET PROTECTION
OPF	BMP C209:	OUTLET PROTECTION
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SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	



KEY PLAN

30% SUBMITTAL

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FAX: (206) 431-2250

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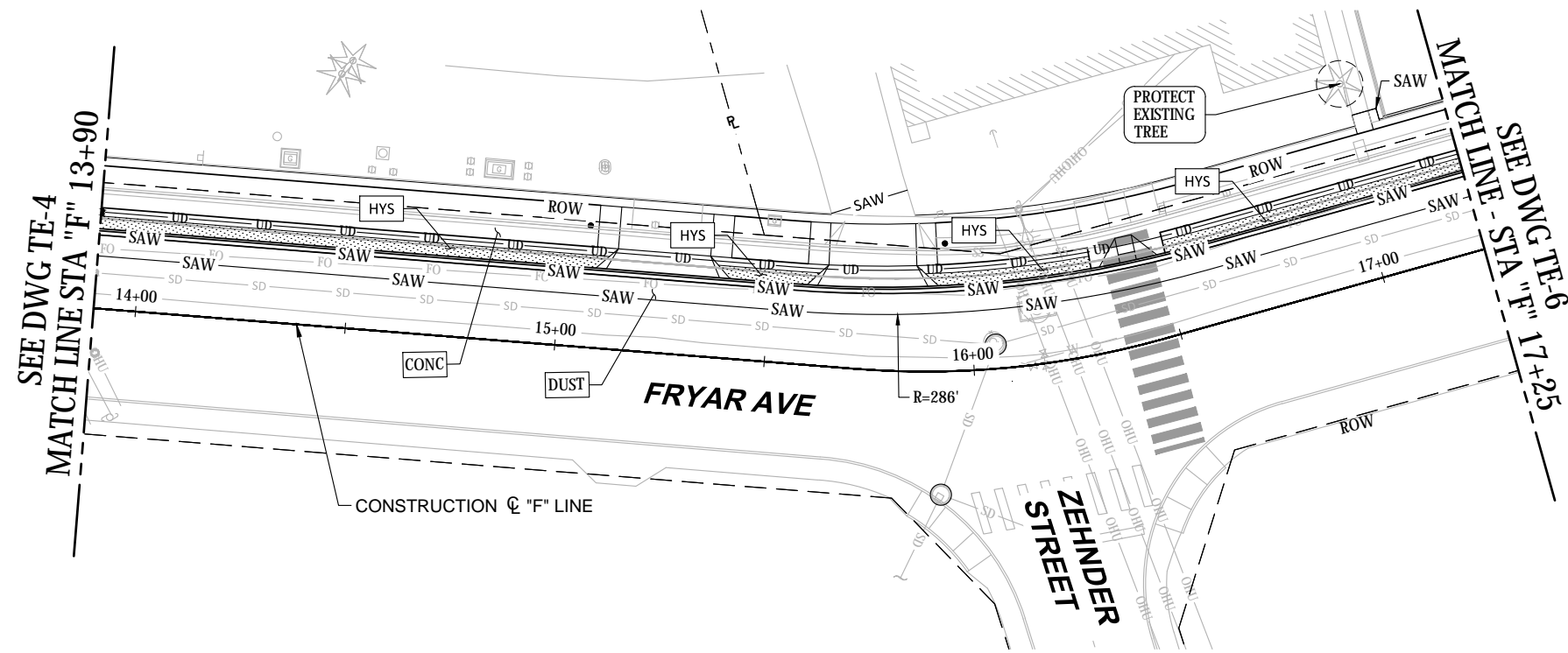
ROSS A. FRENCH
REGISTERED PROFESSIONAL ENGINEER

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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 4

DRAWING NO. **TE-4**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 20 OF 74

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

PERMANENT EROSION CONTROL NOTES:

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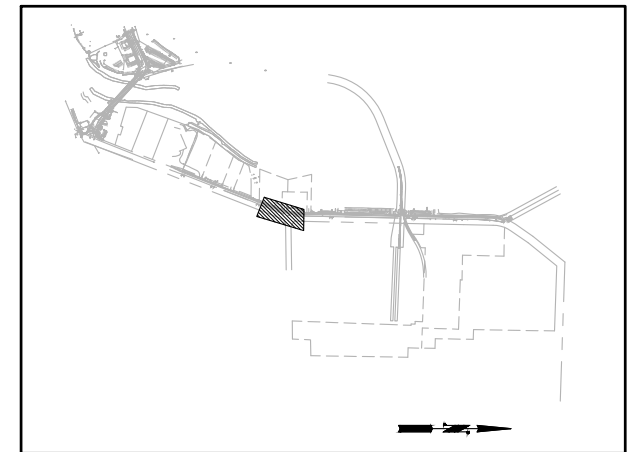
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SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	



CONSTRUCTION EROSION CONTROL NOTES:

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KEY PLAN

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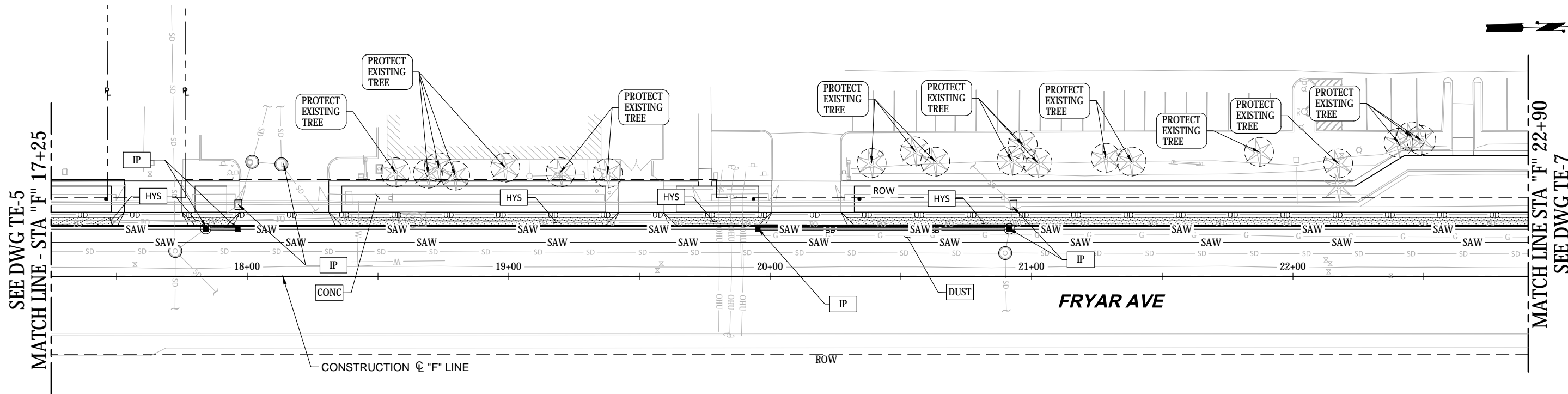
CITY OF SUMNER WASHINGTON

ROSS A. FRENCH
REGISTERED PROFESSIONAL ENGINEER
38693

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 5

DRAWING NO.	TE-5
PROJECT NO.	A15.0029
DATE:	3/31/20
SHEET NO.	21 OF 74

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

PERMANENT EROSION CONTROL NOTES:

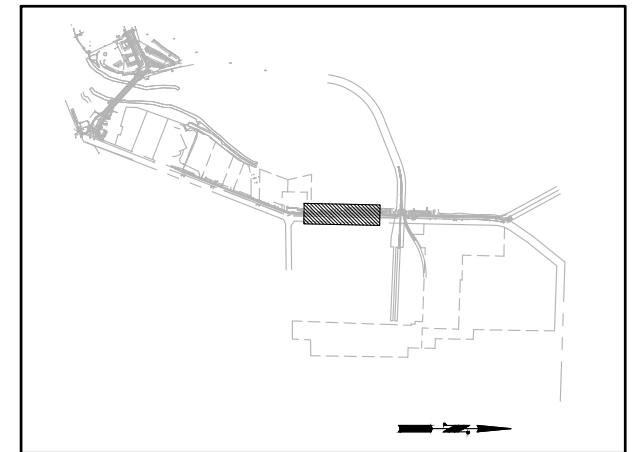
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EROSION AND SEDIMENTATION CONTROL LEGEND:

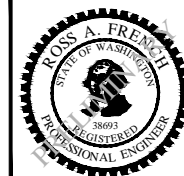
VEG	BMP C101:	PRESERVE NATURAL VEGETATION
ENTR	BMP C105:	STABILIZED CONSTRUCTION ENTRANCE
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SAW	BMP C152:	SAWCUTTING AND SURFACING POLLUTION PREVENTION
HYS	HYDROSEEDING:	SEE PERMANENT ESC NOTES AND HYDROSEEDING NOTES ON DWG TN-1
CG	LIMITS OF CLEARING AND GRUBBING	



KEY PLAN

30% SUBMITTAL

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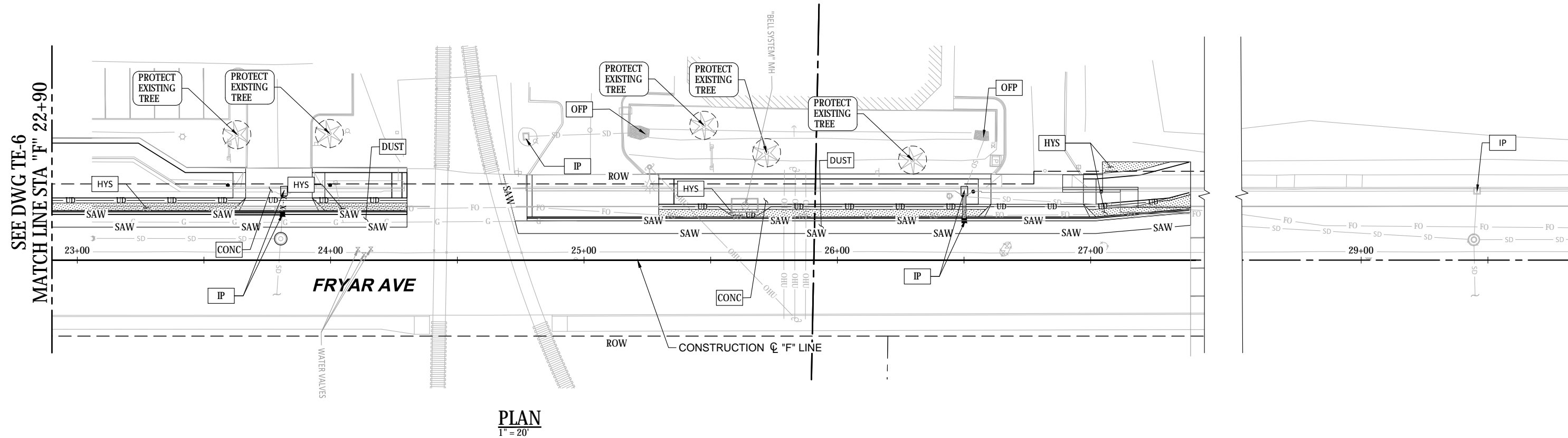
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 6

DRAWING NO. **TE-6**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 22 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
1" = 20'

PERMANENT EROSION CONTROL NOTES:

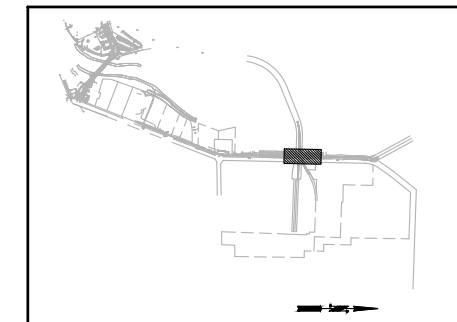
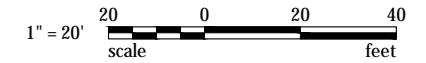
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CG	LIMITS OF CLEARING AND GRUBBING	



KEY PLAN

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CITY OF SUMNER WASHINGTON



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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
TEMPORARY EROSION AND SEDIMENT CONTROL
SHEET 7

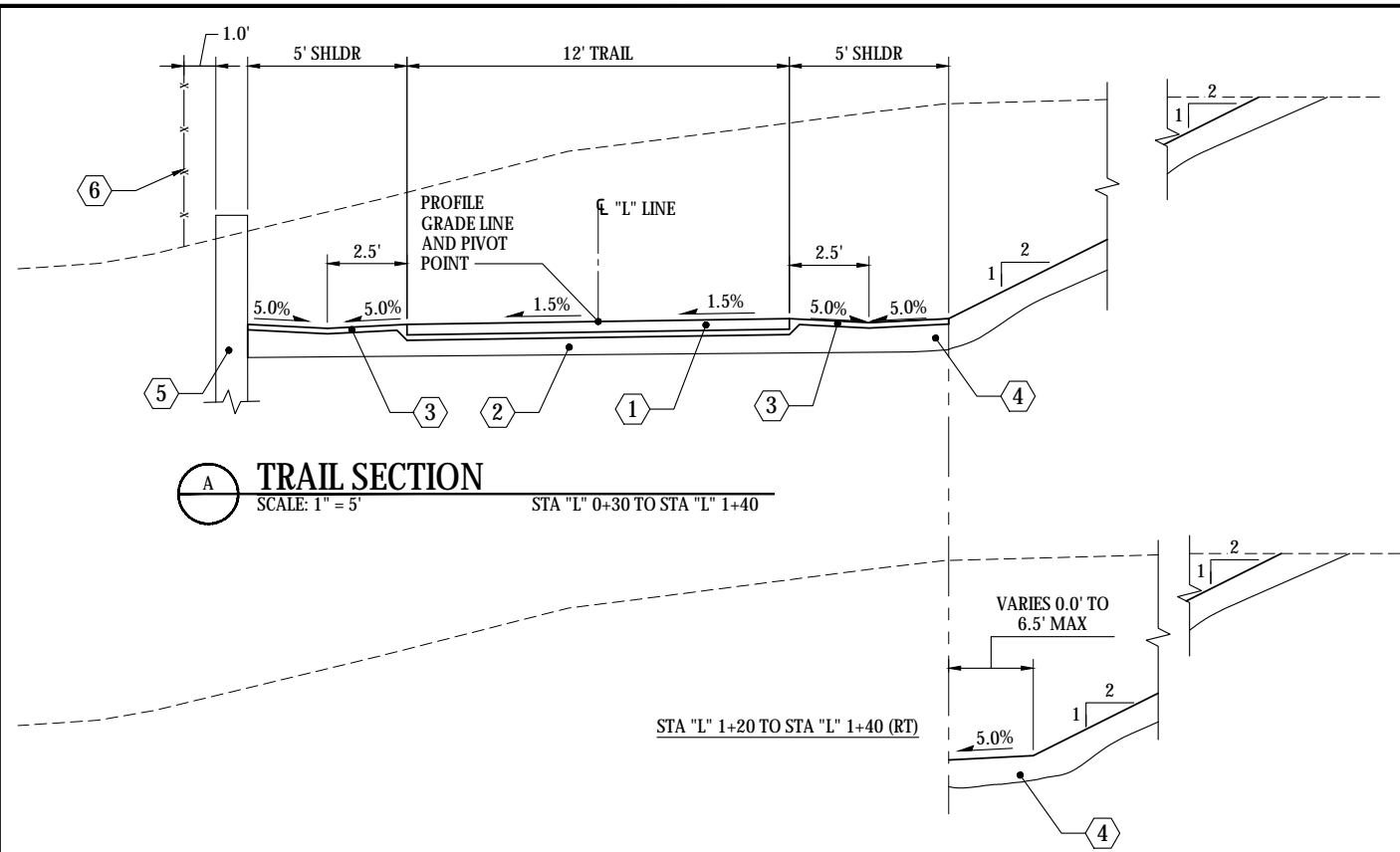
DRAWING NO. **TE-7**
PROJECT NO. A15.0029
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SHEET NO. 23 OF 74

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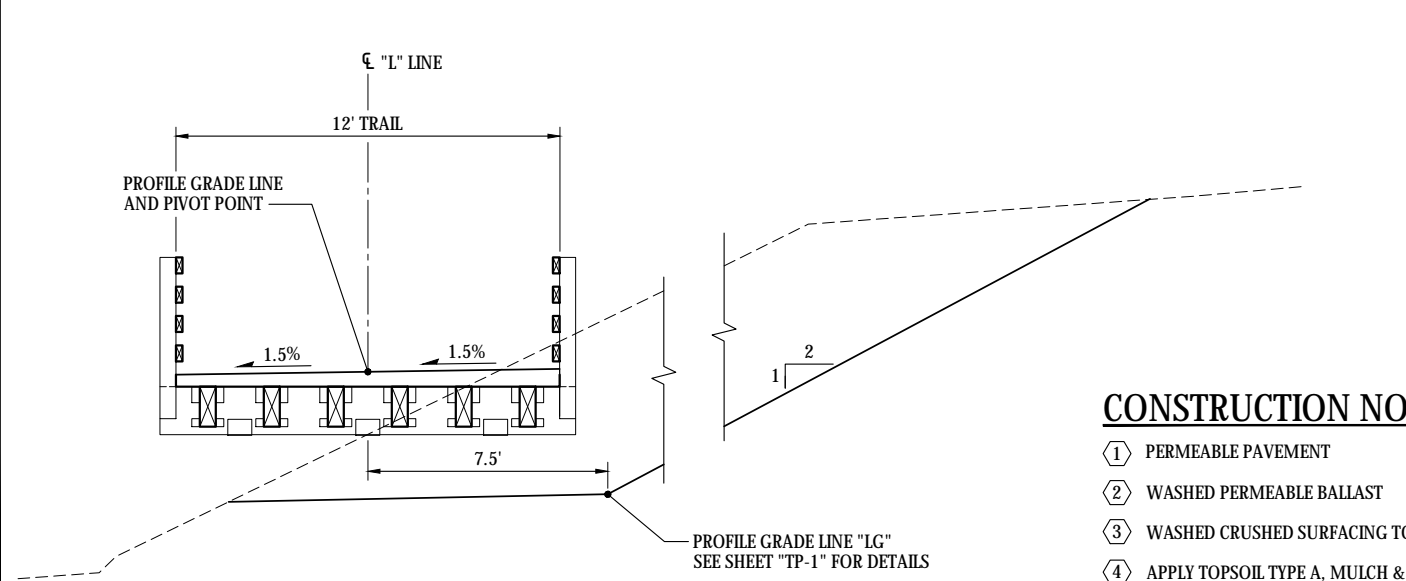
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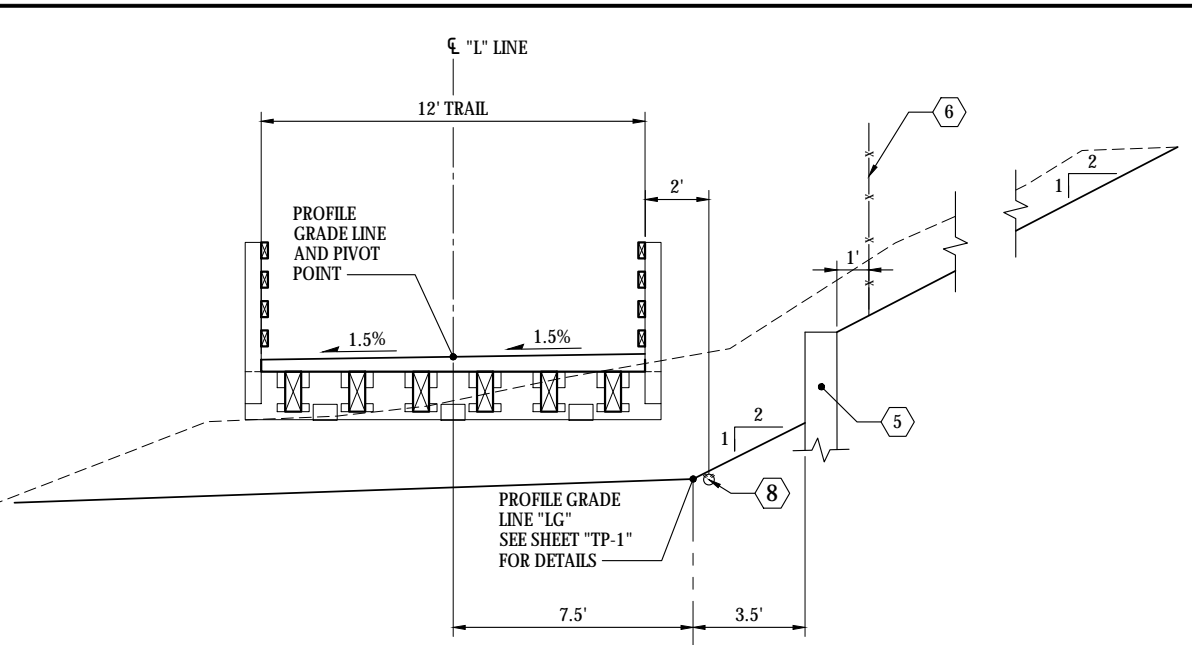
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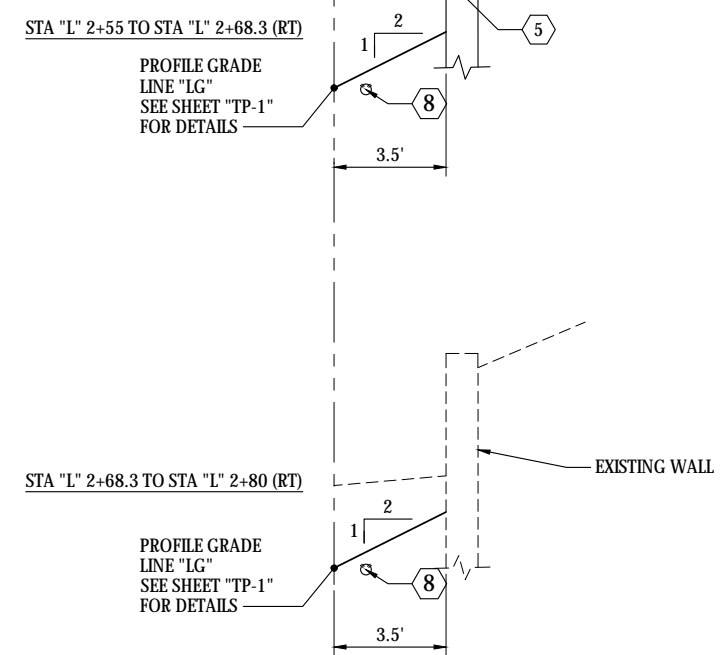
A TRAIL SECTION
SCALE: 1" = 5'
STA "L" 0+30 TO STA "L" 1+40



B BRIDGE TRAIL SECTION
SCALE: 1" = 5'
STA "L" 1+40 TO 2+35



C BRIDGE TRAIL SECTION
SCALE: 1" = 5'
STA "L" 2+35 TO STA "L" 2+80



CONSTRUCTION NOTES:

- ① PERMEABLE PAVEMENT
- ② WASHED PERMEABLE BALLAST
- ③ WASHED CRUSHED SURFACING TOP COURSE
- ④ APPLY TOPSOIL TYPE A, MULCH & SEEDING ON ALL DISTURBED SOILS PER SPEC SECTION 8-02
- ⑤ STRUCTURAL WALL, SEE GENERAL NOTE 1
- ⑥ PEDESTRIAN SAFETY RAIL OR FENCE
- ⑦ GRAVEL BORROW
- ⑧ PERFORATED PIPE FOR FRENCH DRAIN

GENERAL NOTES:

- 1. SEE WALL PROFILES AND DETAILS ON DWGS W-1 AND W-2 FOR WALL INFORMATION.

30% SUBMITTAL

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FAX: (206) 431-2250

CITY OF SUMNER WASHINGTON

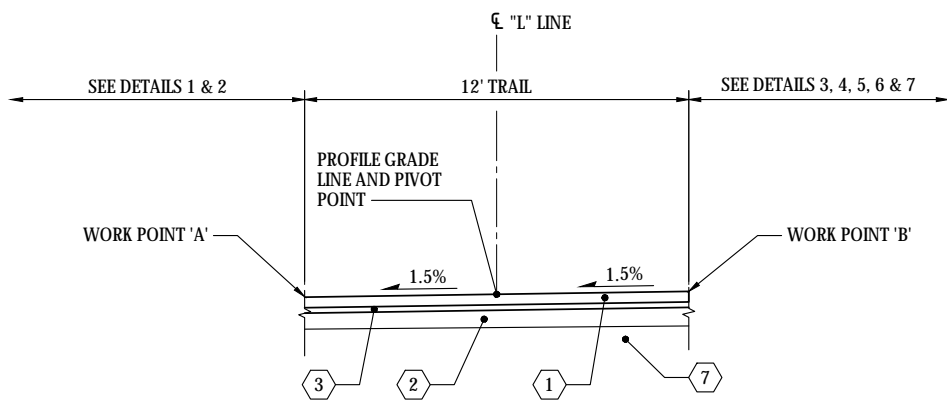
ROSS A. FRENCH
REGISTERED PROFESSIONAL ENGINEER
38693

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DESIGN BY AD
CHECK BY RAF
PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY SECTIONS
SHEET 1

DRAWING NO. **RS-1**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 24 OF 74

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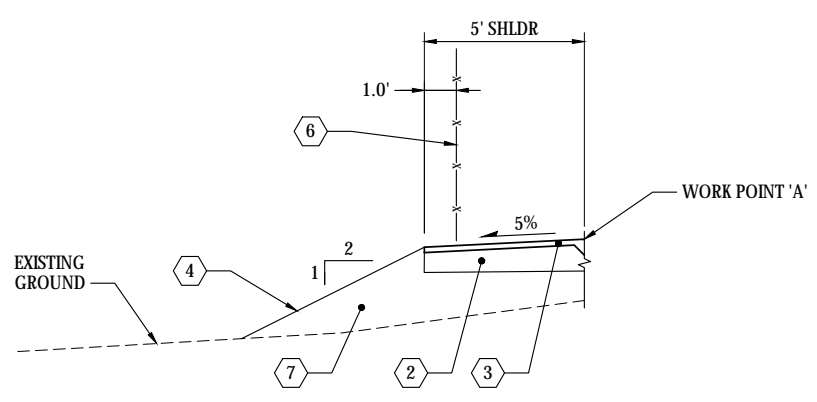
D TRAIL SECTION
SCALE: 1" = 5'
STA "L" 2+80 TO STA "L" 9+30

CONSTRUCTION NOTES:

- ① PERMEABLE PAVEMENT
- ② WASHED PERMEABLE BALLAST
- ③ WASHED CRUSHED SURFACING TOP COURSE
- ④ APPLY TOPSOIL TYPE A, MULCH & SEEDING ON ALL DISTURBED SOILS PER SPEC SECTION 8-02
- ⑤ STRUCTURAL WALL. SEE GENERAL NOTE 1
- ⑥ PEDESTRIAN SAFETY RAIL OR FENCE
- ⑦ GRAVEL BORROW
- ⑧ PERFORATED PIPE FOR FRENCH DRAIN

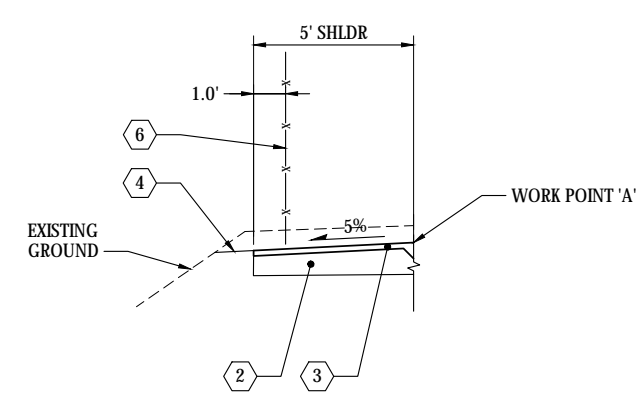
GENERAL NOTES:

- 1. SEE WALL PROFILES AND DETAILS ON DWG W-3 FOR WALL INFORMATION.



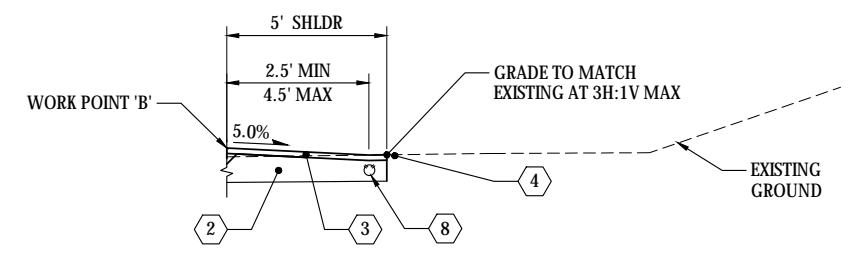
1 DETAIL
SCALE: 1" = 5'

STA "L" 2+80 TO STA "L" 3+10 (LT)
STA "L" 3+55 TO STA "L" 4+55 (LT)
STA "L" 4+75 TO STA "L" 5+45 (LT)
STA "L" 5+70 TO STA "L" 6+05 (LT)
STA "L" 6+40 TO STA "L" 8+50 (LT)
STA "L" 8+80 TO STA "L" 9+30 (LT)



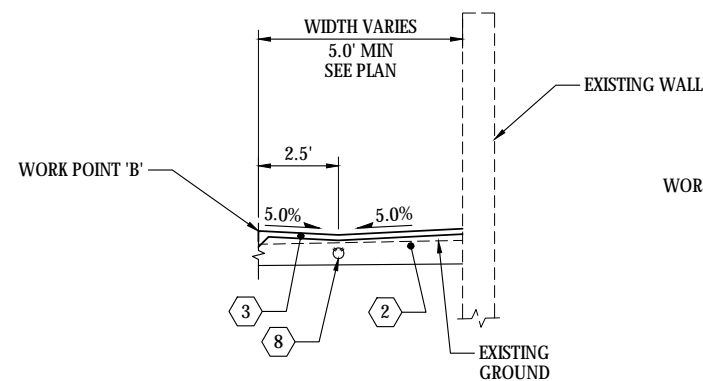
2 DETAIL
SCALE: 1" = 5'

STA "L" 3+10 TO STA "L" 3+55 (LT)
STA "L" 4+55 TO STA "L" 4+75 (LT)
STA "L" 5+45 TO STA "L" 5+70 (LT)
STA "L" 6+05 TO STA "L" 6+40 (LT)
STA "L" 8+50 TO STA "L" 8+80 (LT)



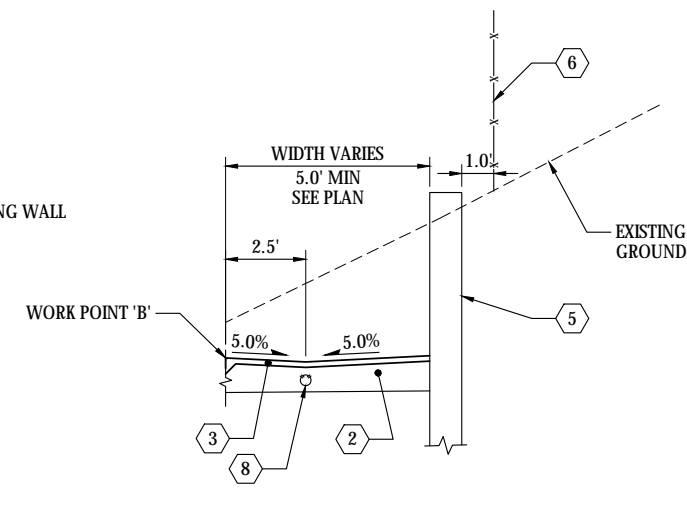
7 DETAIL
SCALE: 1" = 5'

STA "L" 5+90 TO STA "L" 6+50 (RT)



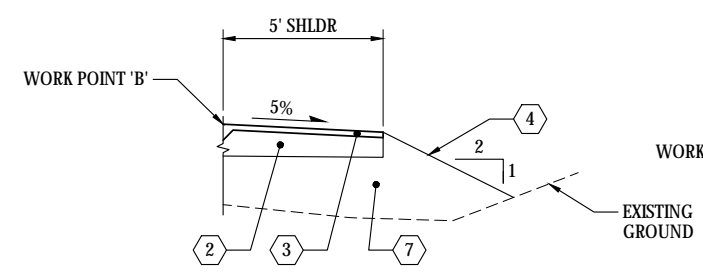
3 DETAIL
SCALE: 1" = 5'

STA "L" 2+80 TO STA "L" 3+94.5 (RT)



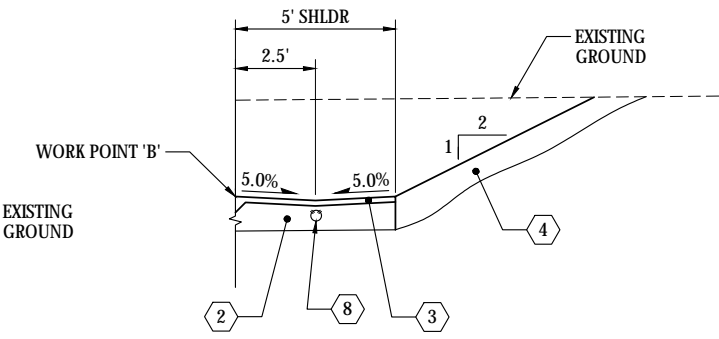
4 DETAIL
SCALE: 1" = 5'

STA "L" 3+94.5 TO STA "L" 5+10 (RT)



5 DETAIL
SCALE: 1" = 5'

STA "L" 5+10 TO STA "L" 5+60 (RT)
STA "L" 6+50 TO STA "L" 7+50 (RT)



6 DETAIL
SCALE: 1" = 5'

STA "L" 5+60 TO STA "L" 5+90 (RT)
STA "L" 7+50 TO STA "L" 9+30 (RT)

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CITY OF SUMNER WASHINGTON

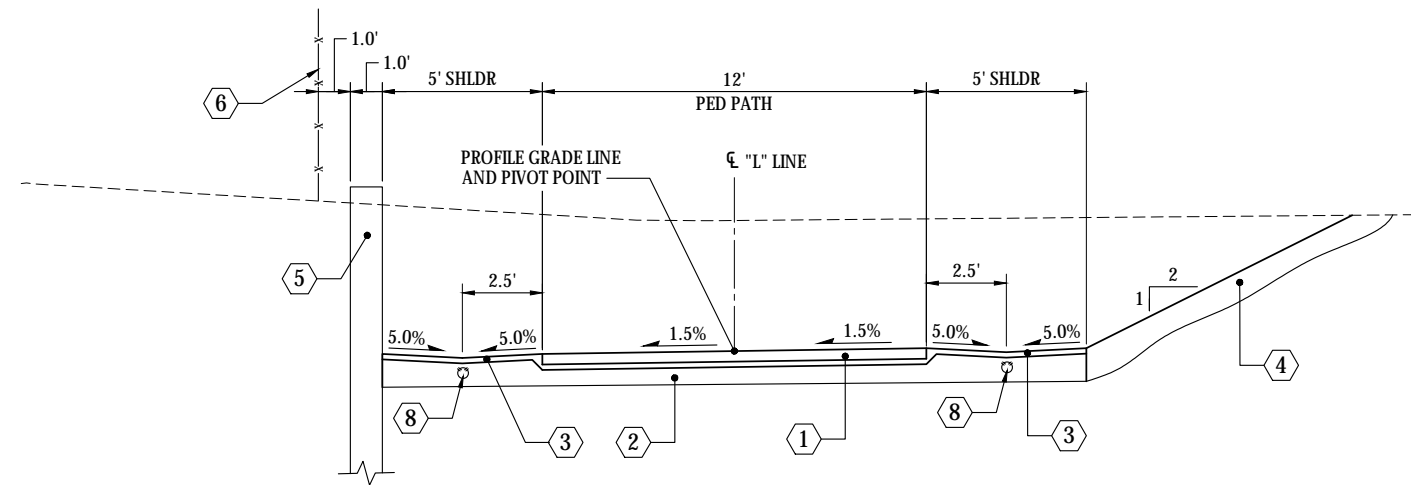


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DESIGN BY AD
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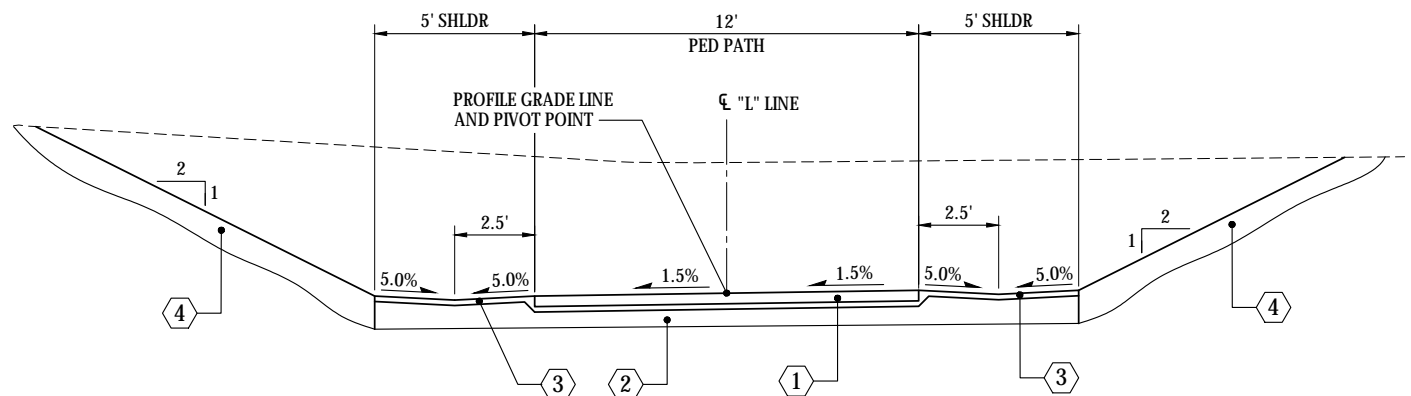
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY SECTIONS
SHEET 2

DRAWING NO. **RS-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 25 OF 74

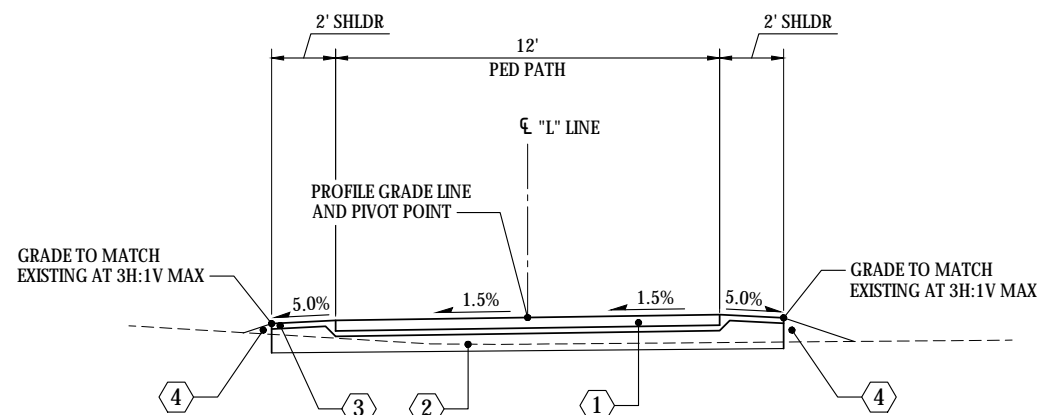
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E TRAIL SECTION
SCALE: 1" = 5'
STA "L" 9+30 TO 10+40



F TRAIL SECTION
SCALE: 1" = 5'
STA "L" 10+40 TO 11+45



G TRAIL SECTION
SCALE: 1" = 5'
STA "L" 11+45 TO 13+00

CONSTRUCTION NOTES:

- ① PERMEABLE PAVEMENT
- ② WASHED PERMEABLE BALLAST
- ③ WASHED CRUSHED SURFACING TOP COURSE
- ④ APPLY TOPSOIL TYPE A, MULCH & SEEDING ON ALL DISTURBED SOILS PER SPEC SECTION 8-02
- ⑤ STRUCTURAL WALL. SEE GENERAL NOTE 1
- ⑥ PEDESTRIAN SAFETY RAIL OR FENCE
- ⑦ GRAVEL BORROW
- ⑧ PERFORATED PIPE FOR FRENCH DRAIN

GENERAL NOTES:

- 1. SEE WALL PROFILES AND DETAILS ON DWG W-4 FOR WALL INFORMATION.

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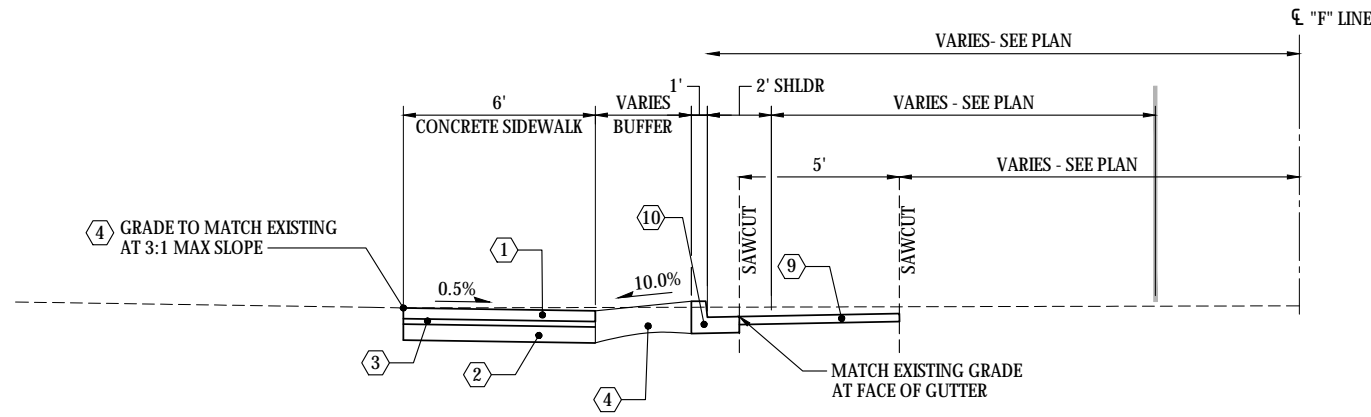


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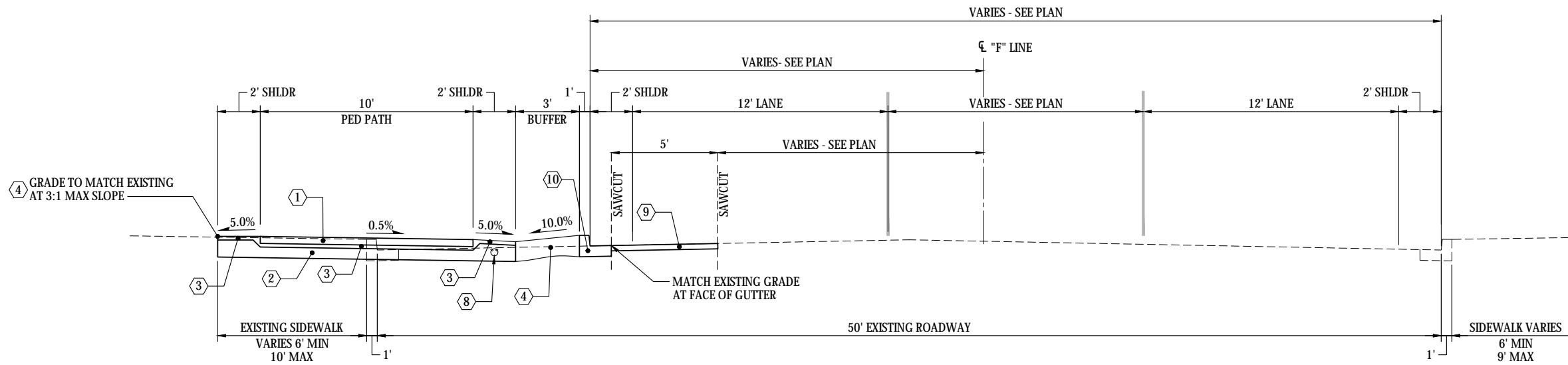
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY SECTIONS
SHEET 3

DRAWING NO. **RS-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 26 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE



H TRAIL/ROADWAY SECTION
 SCALE: 1" = 5'
 STA "F" 6+51.61 TO 7+32.95



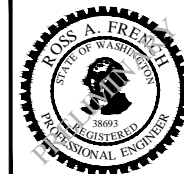
I TRAIL/ROADWAY SECTION
 SCALE: 1" = 5'
 STA "F" 7+32.95 TO 24+30.15
 STA "F" 24+74.03 TO 27+39.43

CONSTRUCTION NOTES:

- ① PERVIOUS PAVEMENT
- ② WASHED PERMEABLE BALLAST
- ③ WASHED CRUSHED SURFACING TOP COURSE
- ④ APPLY TOPSOIL TYPE A, MULCH & SEEDING ON ALL DISTURBED SOILS PER SPEC SECTION 8-02
- ⑧ PERFORATED PIPE FOR UNDERDRAIN
- ⑨ ±2' COMPACTED DEPTH OVERLAY - HOT MIX ASPHALT CLASS 1/2 INCH PG 64-22
- ⑩ CEMENT CONCRETE CURB & GUTTER

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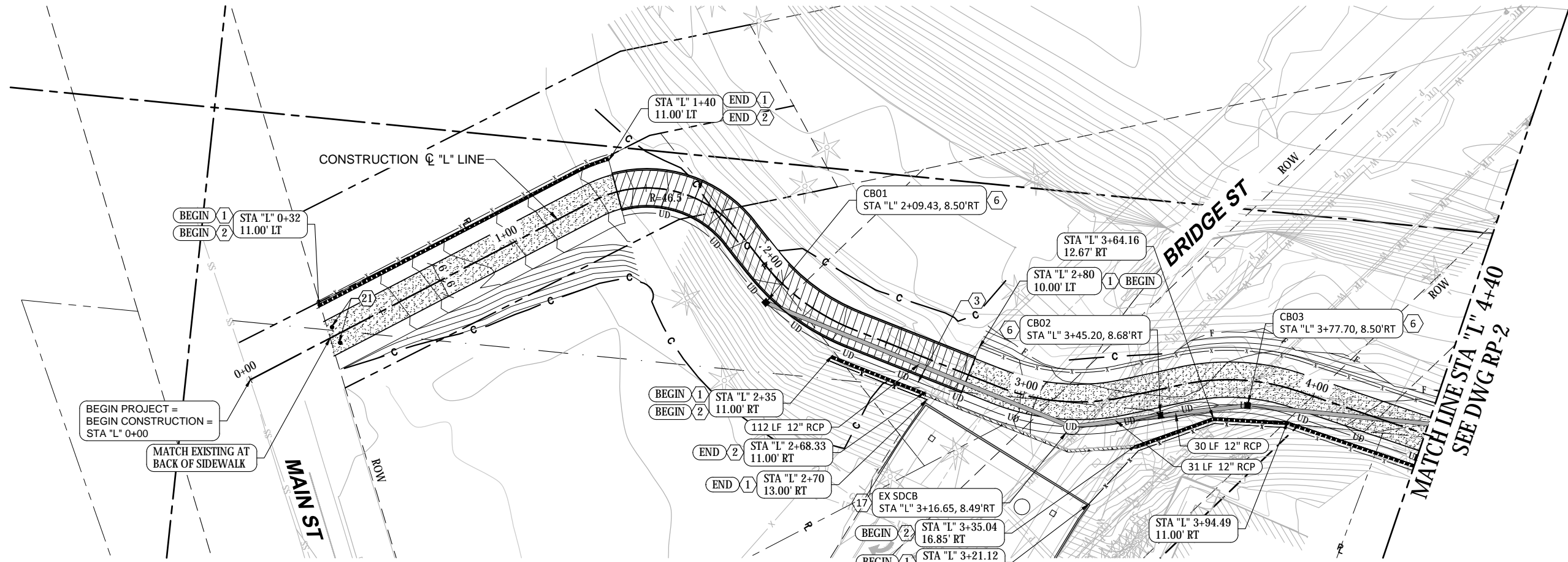
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
 ROADWAY SECTIONS
 SHEET 4

DRAWING NO. **RS-4**
 PROJECT NO. A15.0029
 DATE: 3/31/20
 SHEET NO. 27 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
SCALE: 1" = 20'



GENERAL NOTES:

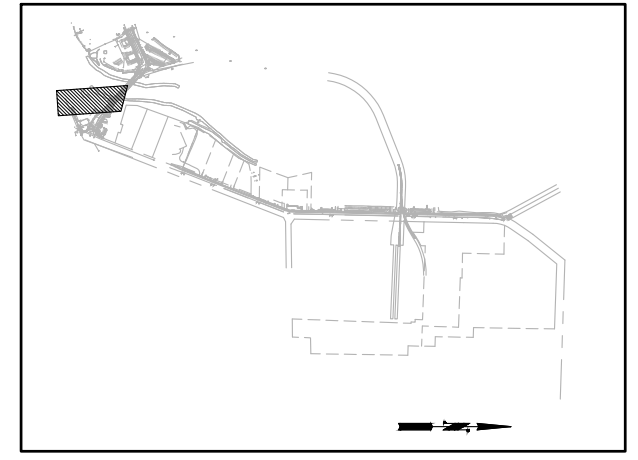
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04 .
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

CONSTRUCTION NOTES:

- ① PEDESTRIAN SAFETY RAIL/CHAIN LINK FENCE
- ② SOLDIER PILE WALL
- ③ UNDERDRAIN PIPE 6 IN DIAM
- ⑥ TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- ⑰ CONNECT NEW STORM DRAINAGE PIPE TO EXISTING DRAINAGE STRUCTURE
- ⑳ BOLLARD

LEGEND:

- PERVIOUS TRAIL PAVEMENT
- PEDESTRIAN BRIDGE
- SOLDIER PILE WALL
- EXISTING WALL



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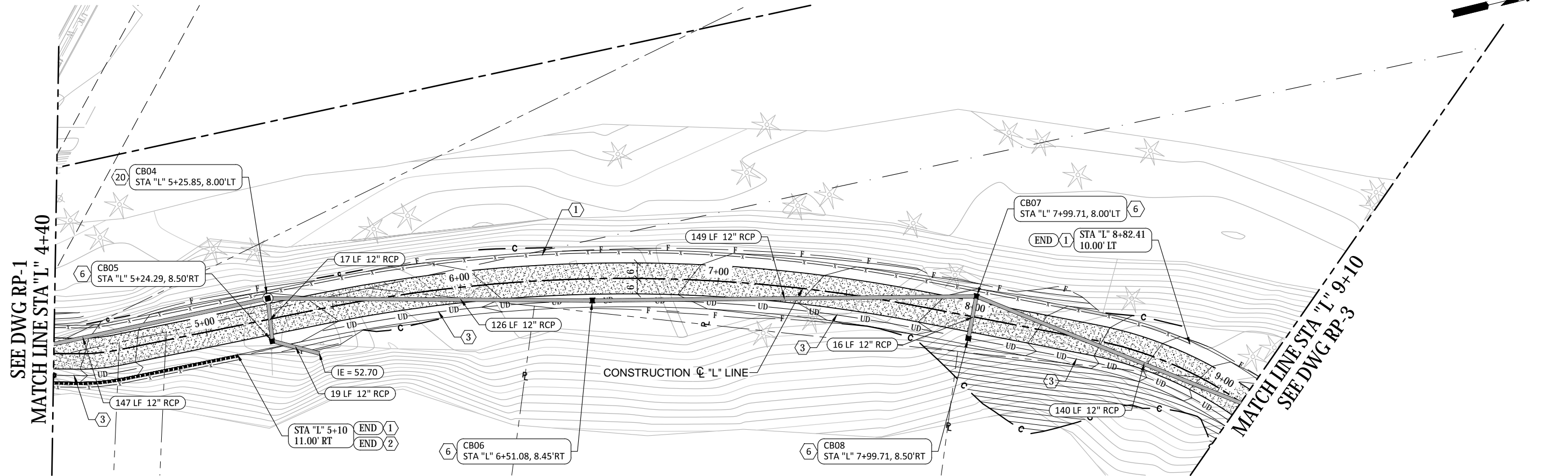
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 1

DRAWING NO. RP-1
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 28 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

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SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
SCALE: 1" = 20'

GENERAL NOTES:

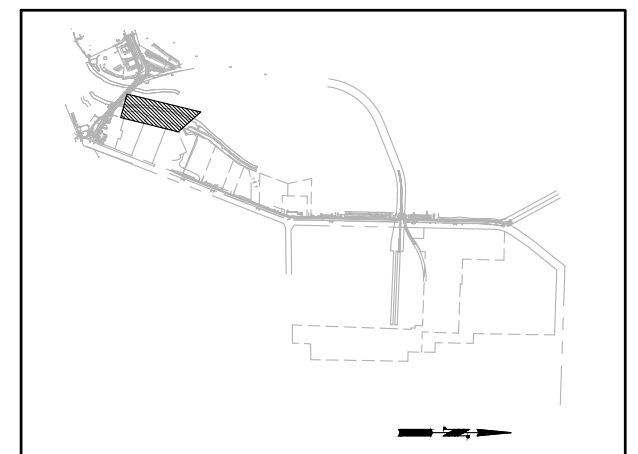
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04 .
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

PAVING LEGEND:

- PERVIOUS TRAIL PAVEMENT
- SOLDIER PILE WALL

CONSTRUCTION NOTES:

- (1) PEDESTRIAN SAFETY RAIL/CHAIN LINK FENCE
- (2) SOLDIER PILE WALL
- (3) UNDERDRAIN PIPE 6IN DIAM
- (6) TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- (20) TYPE 2 -48" DIA CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-10



KEY PLAN

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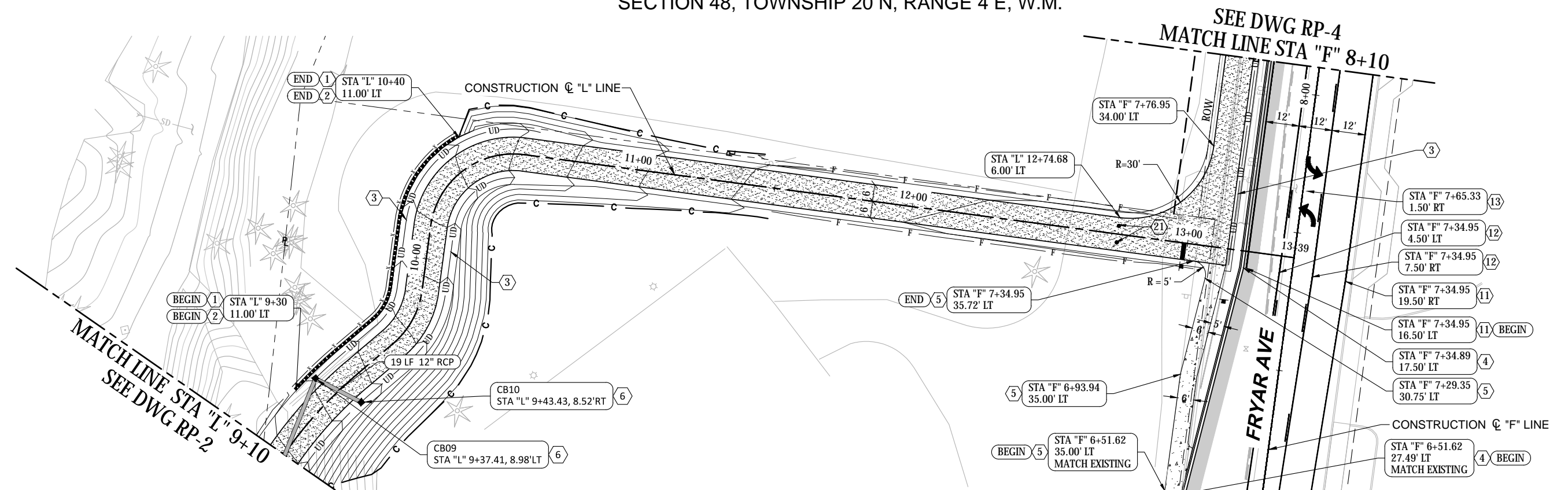
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 2

DRAWING NO. **RP-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 29 OF 74

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MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
SCALE: 1" = 20'

GENERAL NOTES:

1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04.
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

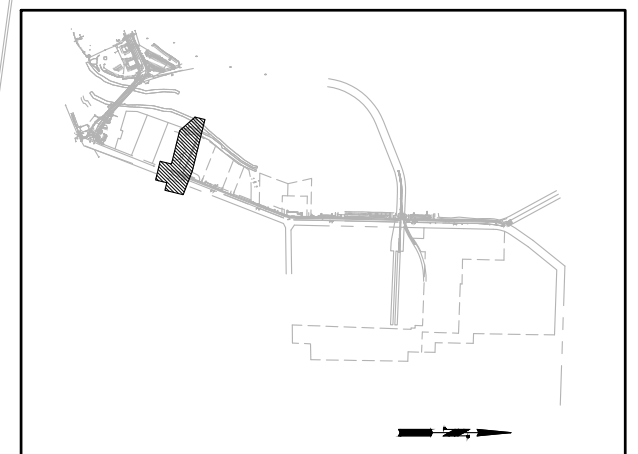
CONSTRUCTION NOTES:

- ① PEDESTRIAN SAFETY RAIL/CHAIN LINK FENCE
- ② SOLDIER PILE WALL
- ③ UNDERDRAIN PIPE 6 IN DIAM
- ④ CURB AND GUTTER PER CITY OF SUMNER STANDARD DETAIL R6-7
- ⑤ SIDEWALK PER CITY OF SUMNER STANDARD DETAILS R6-5 AND R6-6
- ⑥ TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- ⑪ WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
- ⑫ TWO-WAY LEFT-TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02
- ⑬ TWO-WAY LEFT-TURN ARROW MARKING PER WSDOT STD PLANS M-3.40-03 AND M-24.40-02
- ⑰ BOLLARD

PAVING LEGEND:

- PERVIOUS TRAIL PAVEMENT
- HOT MIX ASPHALT CL 1/2 IN PG 64-22
- CEMENT CONCRETE SIDEWALK/DRIVEWAY ENTRANCE

- BEGIN ⑤ STA "F" 6+93.94 35.00' LT
- BEGIN ⑤ STA "F" 6+51.62 35.00' LT MATCH EXISTING
- BEGIN ⑪ STA "F" 5+94.95 15.50' RT MATCH EXISTING
- BEGIN ⑫ STA "F" 5+94.95 4.50' RT MATCH EXISTING
- BEGIN ⑫ STA "F" 5+94.95 6.50' LT MATCH EXISTING
- BEGIN PROJECT = STA "F" 5+90
- BEGIN ④ STA "F" 6+51.62 27.49' LT MATCH EXISTING
- BEGIN ⑤ STA "F" 7+29.35 30.75' LT
- BEGIN ④ STA "F" 7+34.89 17.50' LT
- BEGIN ⑪ STA "F" 7+34.95 16.50' LT
- BEGIN ⑪ STA "F" 7+34.95 19.50' RT
- BEGIN ⑫ STA "F" 7+34.95 7.50' RT
- BEGIN ⑫ STA "F" 7+34.95 4.50' LT
- BEGIN ⑬ STA "F" 7+65.33 1.50' RT



KEY PLAN

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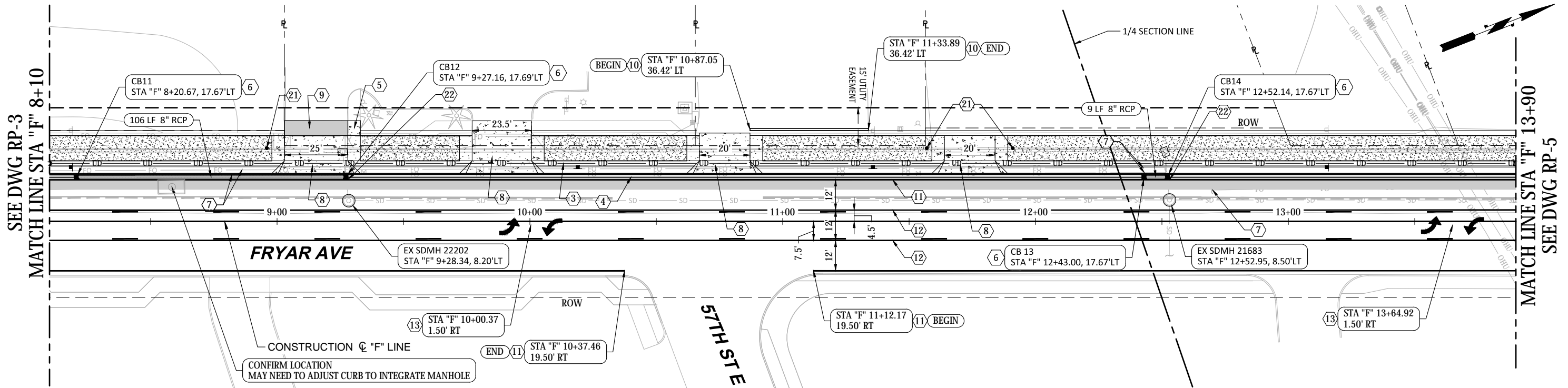
ROSS A. FRENCH
REGISTERED PROFESSIONAL ENGINEER
38693

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DESIGN BY AD
CHECK BY RAF
PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 3

DRAWING NO. **RP-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 30 OF 74

SECTION 48, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
SCALE: 1" = 20'

GENERAL NOTES:

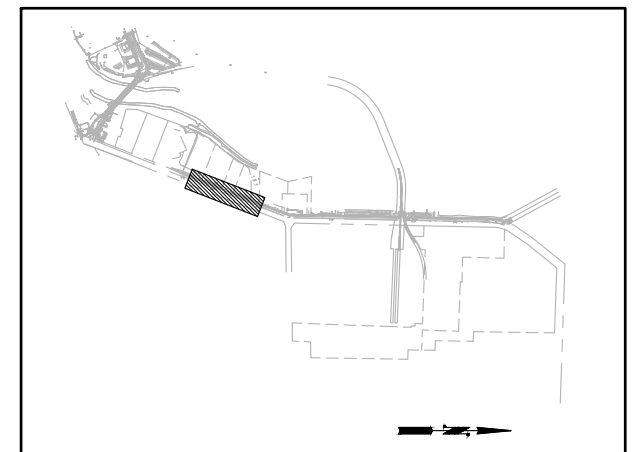
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04 .
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

PAVING LEGEND:

- PERVIOUS TRAIL PAVEMENT
- HOT MIX ASPHALT CL 1/2 IN PG 64-22
- CEMENT CONCRETE SIDEWALK/DRIVEWAY ENTRANCE

CONSTRUCTION NOTES:

- UNDERDRAIN PIPE 6 IN DIAM
- CURB AND GUTTER PER CITY OF SUMNER STANDARD DETAIL R6-7
- SIDEWALK PER CITY OF SUMNER STANDARD DETAILS R6-5 AND R6-6
- TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- RELOCATE FIBER OPTIC CONDUIT AS REQUIRED TO INSTALL STORM DRAINAGE PIPE AND STRUCTURES, COORDINATE WORK WITH UTILITY PURVEYOR
- CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF SUMNER STANDARD DETAIL R6-8
- HMA DRIVEWAY PAVEMENT, DEPTH TO MATCH EXISTING
- TYPE 6 CEMENT CONCRETE EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00
- WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
- TWO-WAY LEFT-TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02
- TWO-WAY LEFT-TURN ARROW MARKING PER WSDOT STD PLANS M-3.40-03 AND M-24.40-02
- BOLLARD
- CONNECT EXISTING DRAINAGE PIPE TO PROPOSED DRAINAGE STRUCTURE



KEY PLAN

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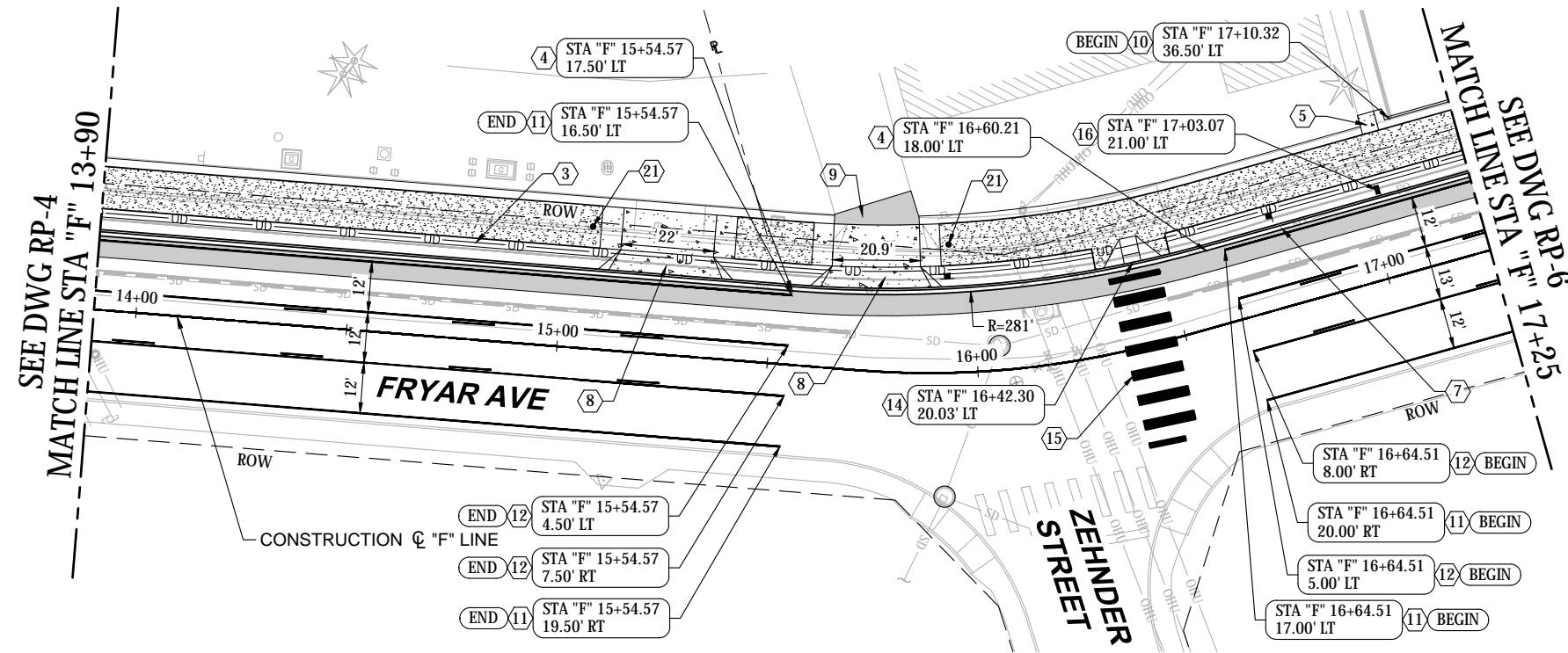
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 4

DRAWING NO. **RP-4**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 31 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.






PLAN
SCALE: 1" = 20'













GENERAL NOTES:

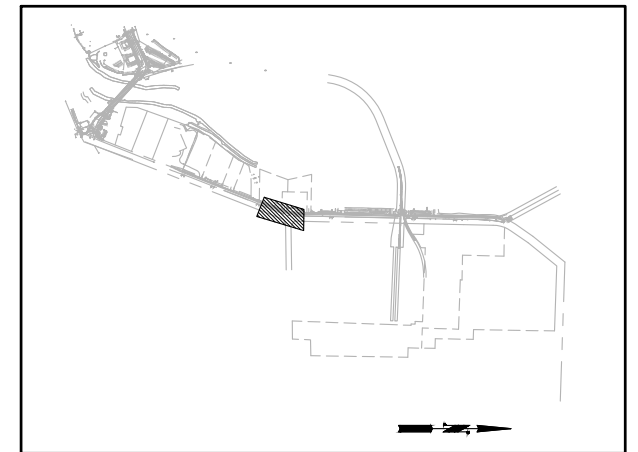
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04.
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

PAVING LEGEND:

-  PERVIOUS TRAIL PAVEMENT
-  HOT MIX ASPHALT CL 1/2 IN PG 64-22
-  CEMENT CONCRETE SIDEWALK/DRIVEWAY ENTRANCE

CONSTRUCTION NOTES:

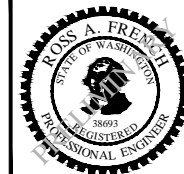
-  UNDERDRAIN PIPE 6 IN DIAM
-  CURB AND GUTTER PER CITY OF SUMNER STANDARD DETAIL R6-7
-  SIDEWALK PER CITY OF SUMNER STANDARD DETAILS R6-5 AND R6-6
-  CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF SUMNER STANDARD DETAIL R6-8
-  HMA DRIVEWAY PAVEMENT, DEPTH TO MATCH EXISTING
-  TYPE 6 CEMENT CONCRETE EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00
-  WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
-  TWO-WAY LEFT-TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02
-  PERPENDICULAR CURB RAMP PER WSDOT STD PLAN F-40.15-03
-  THERMOPLASTIC CROSSWALK PER CITY OF SUMNER STANDARD DETAIL R6-17 AS NECESSARY
-  INSTALL RELOCATED MAILBOX WITH SUPPORT PER WSDOT STD PLAN H-70.10-01
-  BOLLARD



KEY PLAN

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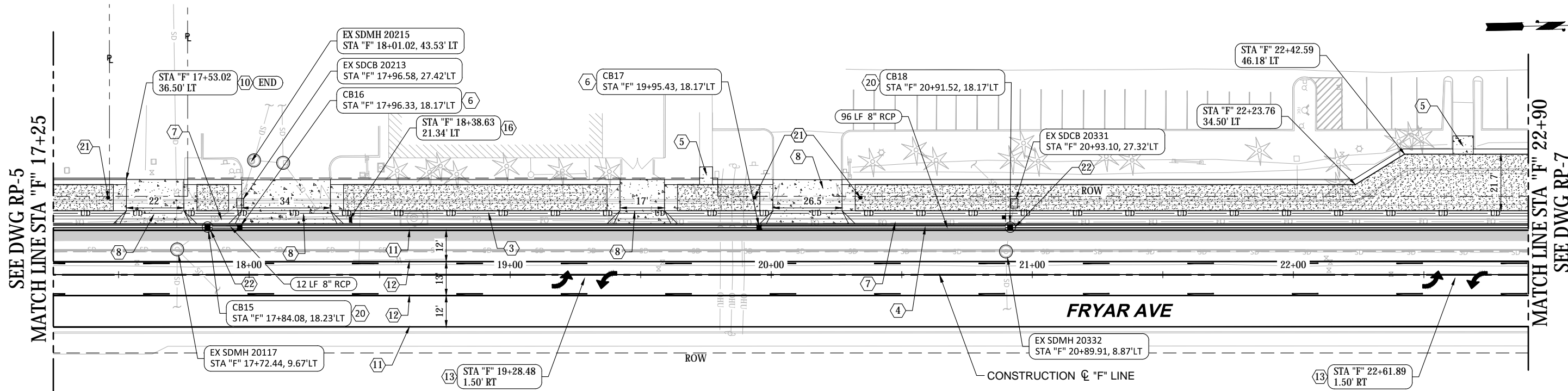
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DESIGN BY AD
CHECK BY RAF
PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 5

DRAWING NO. **RP-5**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 32 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN

SCALE: 1" = 20'

GENERAL NOTES:

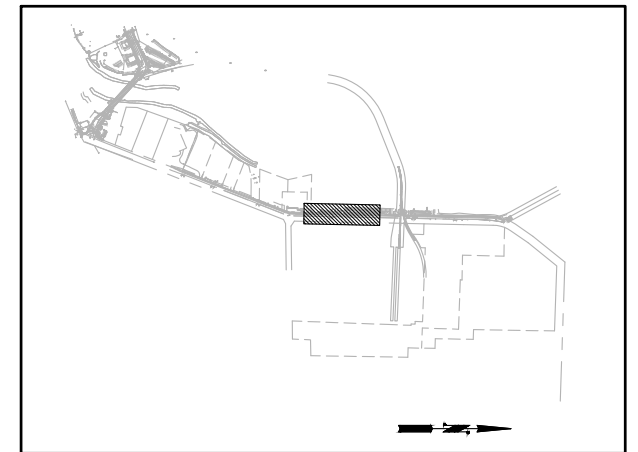
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04.
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

PAVING LEGEND:

- PERVIOUS TRAIL PAVEMENT
- HOT MIX ASPHALT CL 1/2 IN PG 64-22
- CEMENT CONCRETE SIDEWALK/DRIVEWAY ENTRANCE

CONSTRUCTION NOTES:

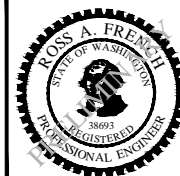
- UNDERDRAIN PIPE 6 IN DIAM
- CURB AND GUTTER PER CITY OF SUMNER STANDARD DETAIL R6-7
- SIDEWALK PER CITY OF SUMNER STANDARD DETAILS R6-5 AND R6-6
- TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- RELOCATE FIBER OPTIC CONDUIT AS REQUIRED TO INSTALL STORM DRAINAGE PIPE AND STRUCTURES, COORDINATE WORK WITH UTILITY PURVEYOR
- CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF SUMNER STANDARD DETAIL R6-8
- TYPE 6 CEMENT CONCRETE EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00
- WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
- TWO-WAY LEFT-TURN ARROW MARKING PER WSDOT STD PLANS M-3.40-03 AND M-24.40-02
- INSTALL RELOCATED MAILBOX WITH SUPPORT PER WSDOT STD PLAN H-70.10-01
- TYPE 2 -48" DIA CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-10
- BOLLARD
- CONNECT EXISTING DRAINAGE PIPE TO PROPOSED DRAINAGE STRUCTURE



KEY PLAN

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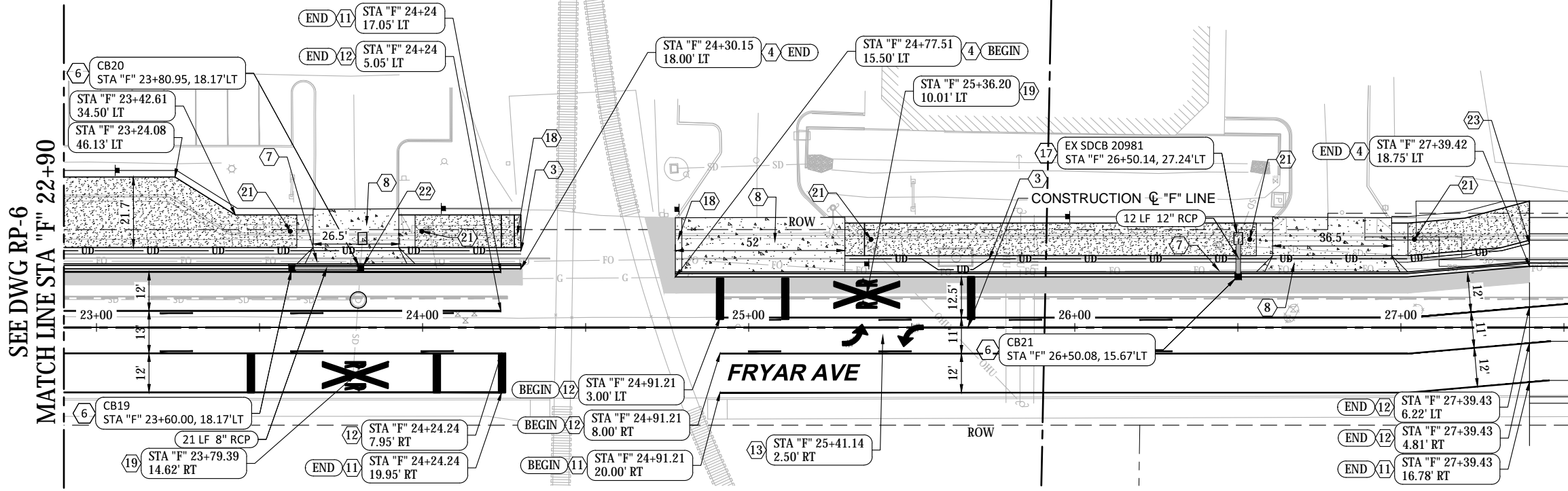
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DESIGN BY AD
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 6

DRAWING NO. **RP-6**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 33 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

SECTION 42, TOWNSHIP 20 N, RANGE 4 E, W.M.



PLAN
SCALE: 1" = 20'

GENERAL NOTES:

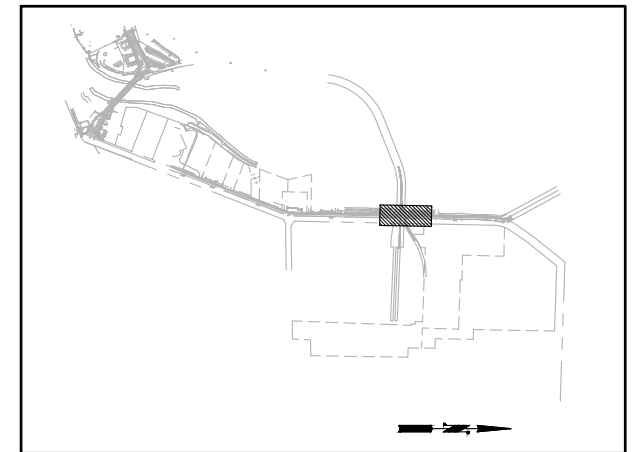
1. ALL FRAMES AND LIDS SHALL BE OF LOCKING TYPE PER WSDOT STD PLAN B-30.10-03.
2. ALL CATCH BASINS SHALL HAVE VANED GRATES PER WSDOT STD PLAN B-30.30-03 UNLESS OTHERWISE SPECIFIED.
3. SOLID LOCKING LIDS SHALL BE PER WSDOT STD PLAN B-30.20-04.
4. BI-DIRECTIONAL VANED GRATES SHALL BE PER WSDOT STD PLAN B-30.40-03.
5. ALL REINFORCED CONCRETE STORM SEWER SEWER PIPE SHALL BE CL V.
6. ALL DUCTILE IRON STORM SEWER PIPE SHALL BE CL 52 IN ACCORDANCE WITH WSDOT STD SPEC 9-30.1(1).
7. SEE SHEETS DP-1 & DP-2 FOR DRAINAGE PROFILES.
8. SEE SHEET DP-1 FOR TRAIL PROFILE.
9. IDENTIFY EXISTING STORM DRAINAGE OUTFALLS & CONNECT TO NEW CONVEYANCE AS REQUIRED.

PAVING LEGEND:

- PERVIOUS TRAIL PAVEMENT
- HOT MIX ASPHALT CL 1/2 IN PG 64-22
- CEMENT CONCRETE SIDEWALK/DRIVEWAY ENTRANCE

CONSTRUCTION NOTES:

- UNDERDRAIN PIPE 6 IN DIAM
- CURB AND GUTTER PER CITY OF SUMNER STANDARD DETAIL R6-7
- TYPE 1 CATCH BASIN PER CITY OF SUMNER STANDARD DETAILS SD5-2
- RELOCATE FIBER OPTIC CONDUIT AS REQUIRED TO INSTALL STORM DRAINAGE PIPE AND STRUCTURES, COORDINATE WORK WITH UTILITY PURVEYOR
- CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF SUMNER STANDARD DETAIL R6-8
- WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
- TWO-WAY LEFT-TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02
- TWO-WAY LEFT-TURN ARROW MARKING PER WSDOT STD PLANS M-3.40-03 AND M-24.40-02
- CONNECT NEW STORM DRAINAGE PIPE TO EXISTING DRAINAGE STRUCTURE
- DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- RAILROAD CROSSING MARKING PER WSDOT STD PLAN M-11.10-03
- BOLLARD
- CONNECT EXISTING DRAINAGE PIPE TO PROPOSED DRAINAGE STRUCTURE
- CONNECT TO EXISTING UNDERDRAIN



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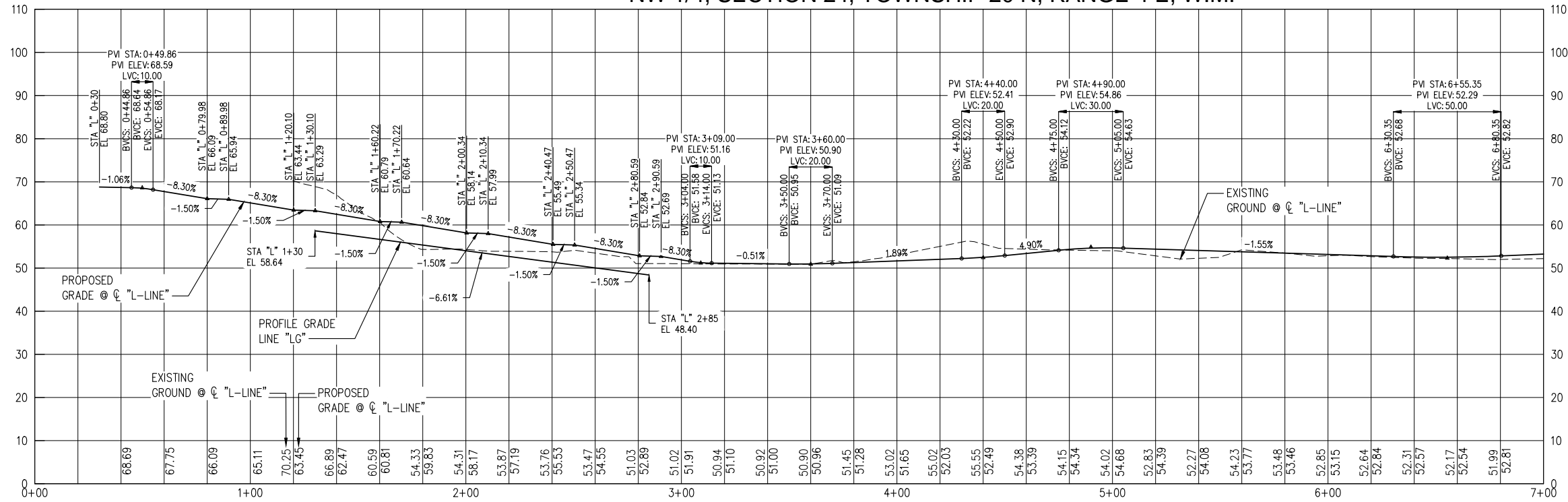
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
ROADWAY GRADING AND DRAINAGE PLAN
SHEET 7

DRAWING NO. **RP-7**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 34 OF 74

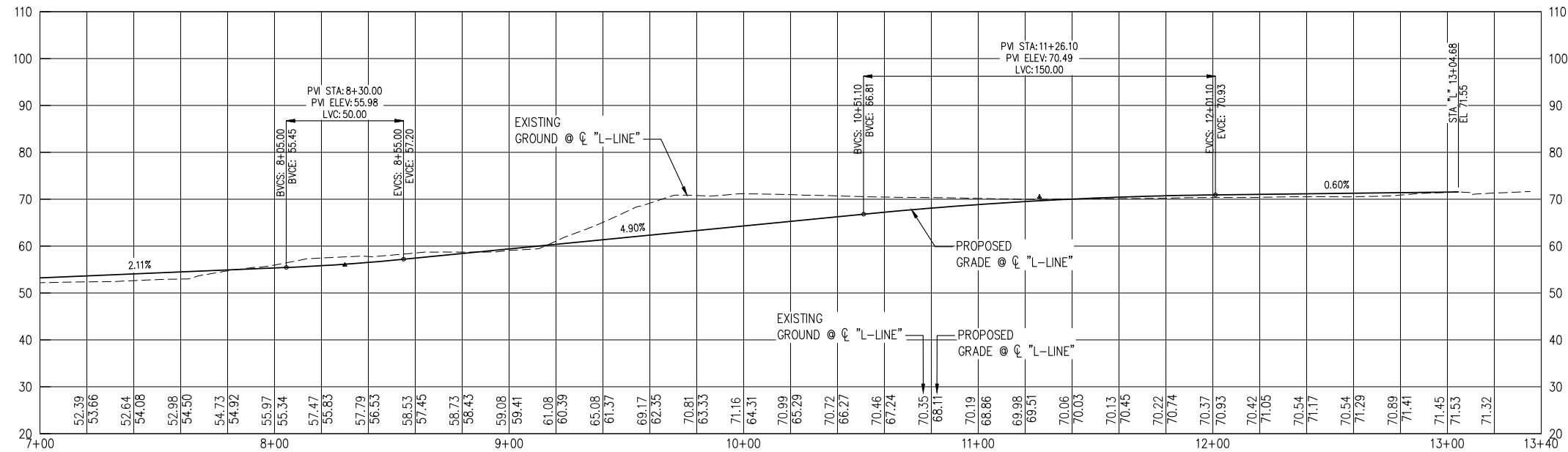
MARK	REVISION DESCRIPTION	BY	APP.	DATE

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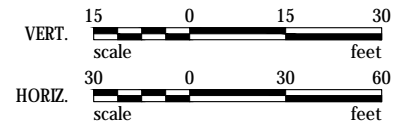
NW 1/4, SECTION 24, TOWNSHIP 20 N, RANGE 4 E, W.M.



TRAIL PROFILE



TRAIL PROFILE



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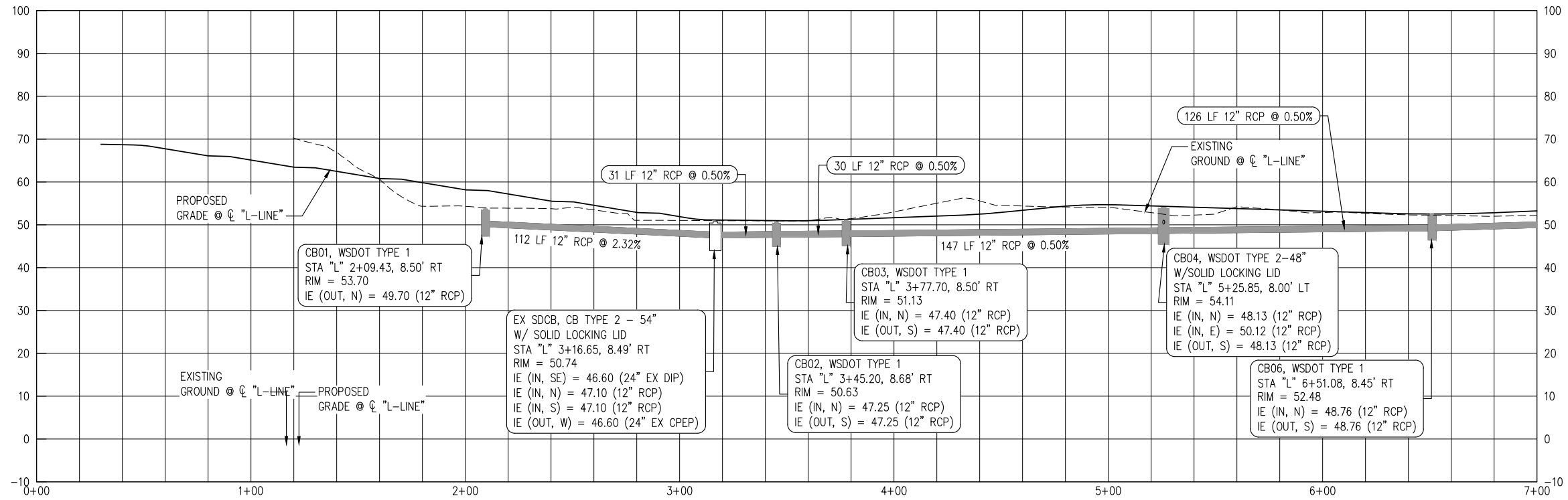


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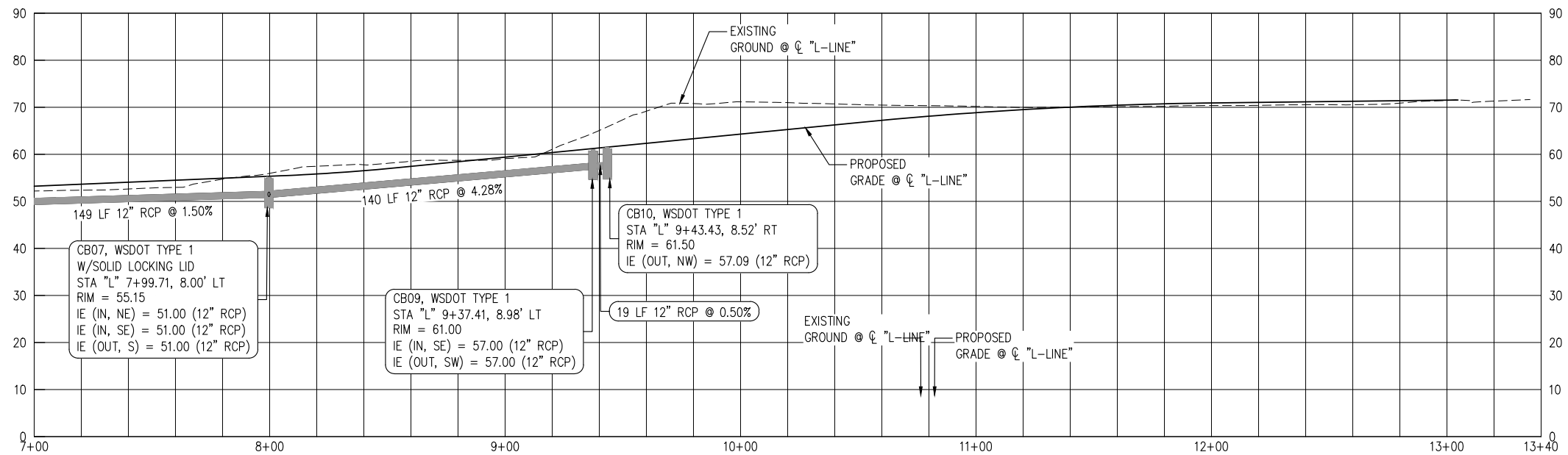
CITY OF SUMNER
 SUMNER TRAIL AND SIDEWALK IMPROVEMENT

TRAIL PROFILE

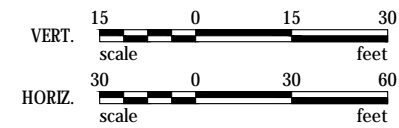
DRAWING NO. TP-1
 PROJECT NO. A15.0029
 DATE: 3/13/20
 SHEET NO. 41 OF 81



TRAIL DRAINAGE PROFILE

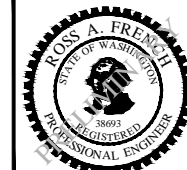


TRAIL DRAINAGE PROFILE



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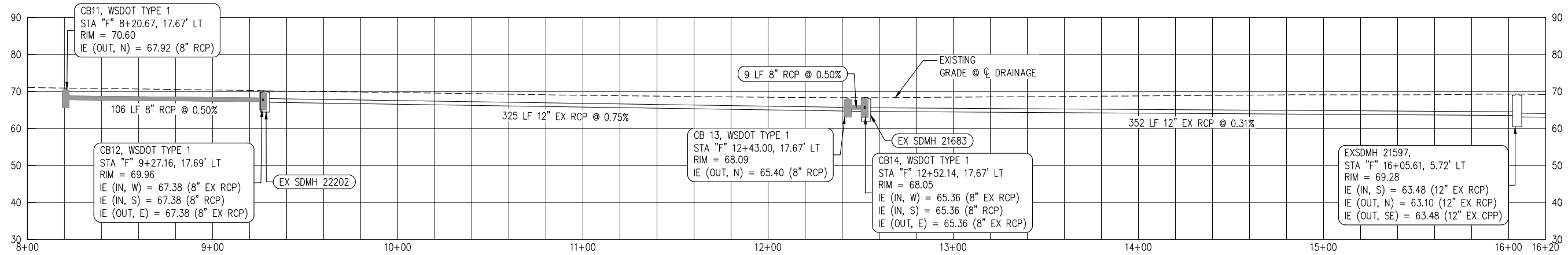
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT

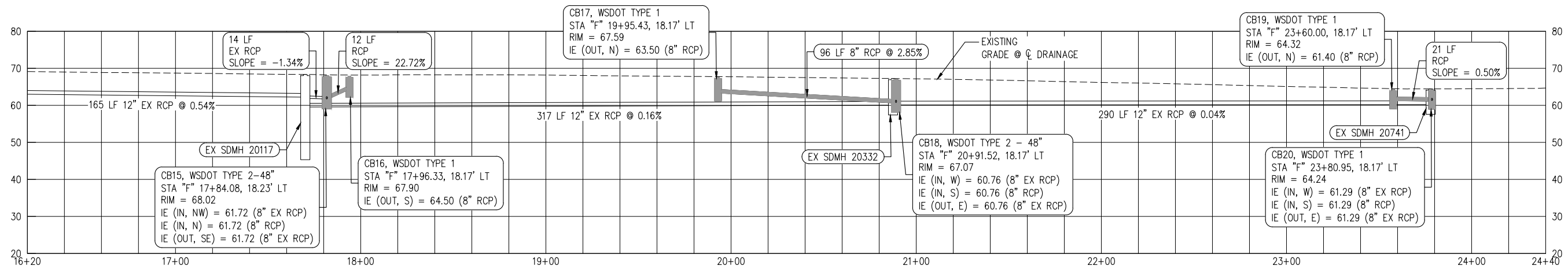
DRAINAGE PROFILE - TRAIL

DRAWING NO. DP-1
 PROJECT NO. A15.0029
 DATE: 3/13/20
 SHEET NO. 42 OF 81

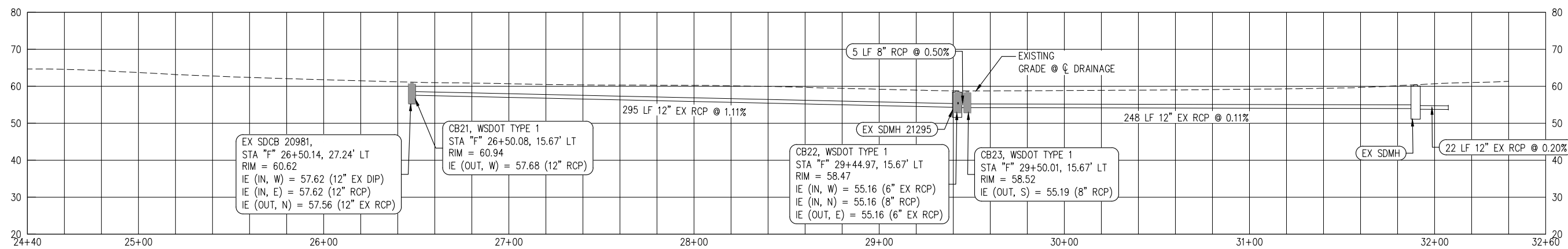
MARK	REVISION DESCRIPTION	BY	APP.	DATE



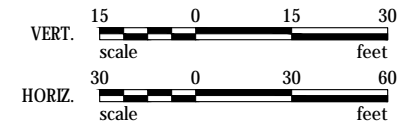
FRYAR AVE DRAINAGE PROFILE



FRYAR AVE DRAINAGE PROFILE

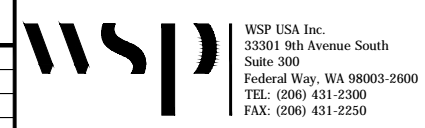


FRYAR AVE DRAINAGE PROFILE



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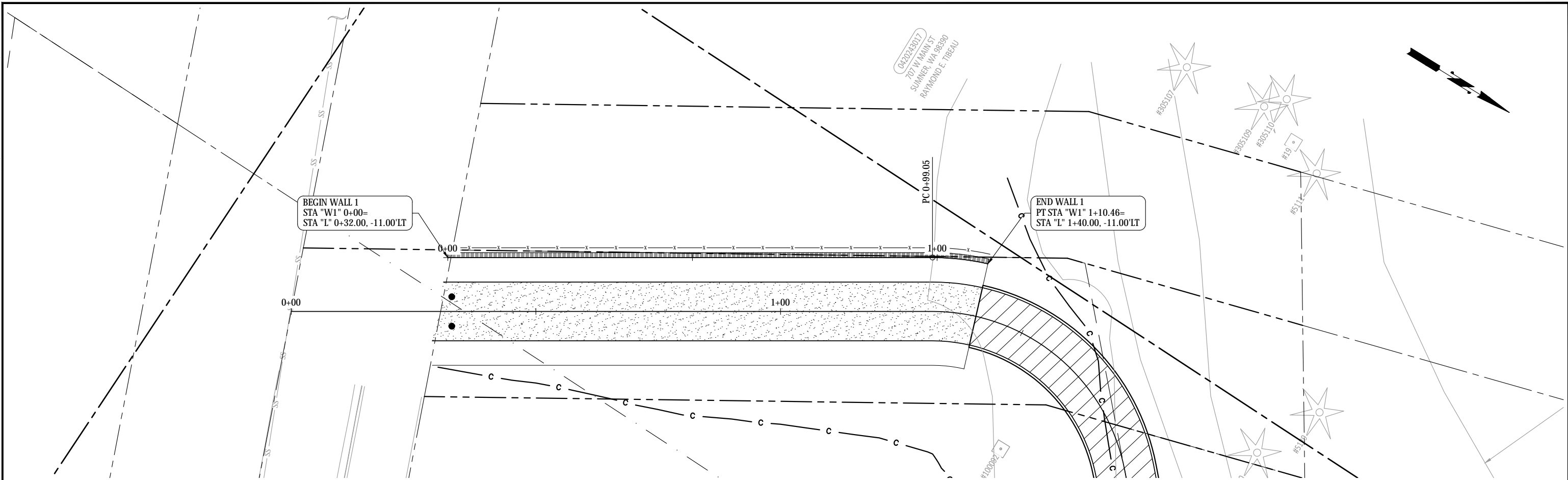
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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT

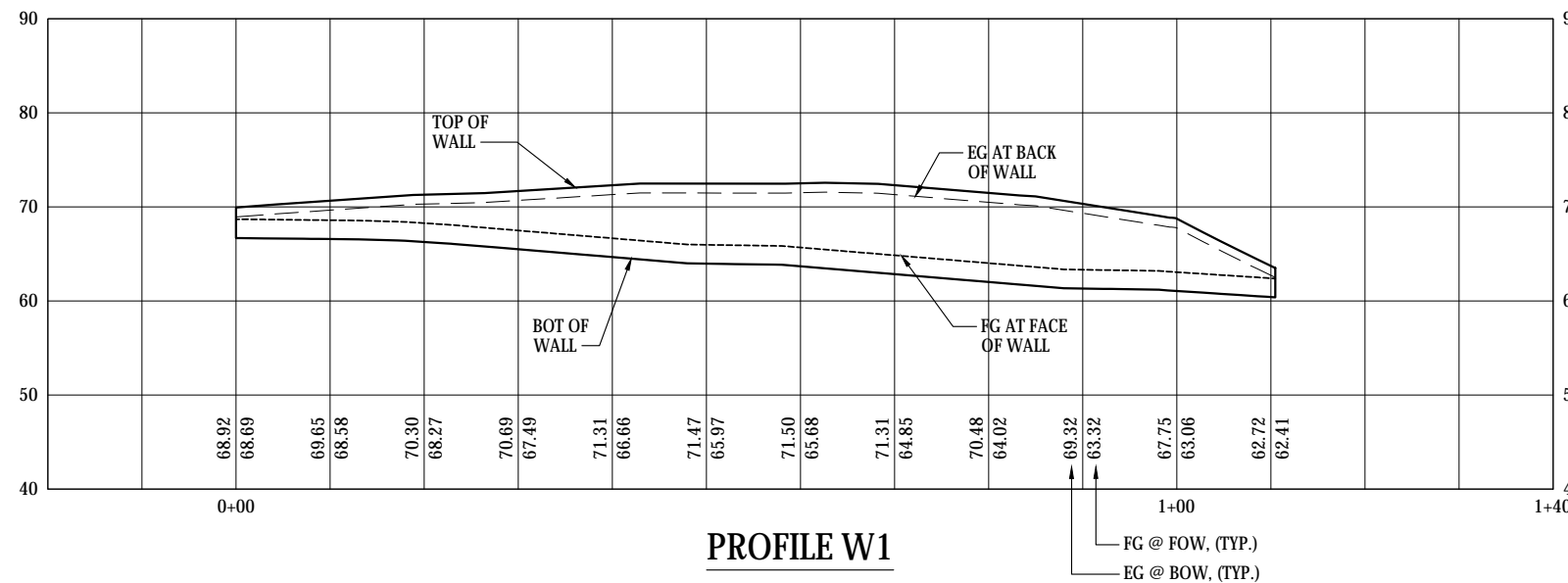
DRAINAGE PROFILE - FRYAR AVE

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 PROJECT NO. A15.0029
 DATE: 3/13/20
 SHEET NO. 43 OF 81

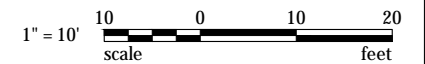
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PLAN



PROFILE W1



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CITY OF SUMNER WASHINGTON

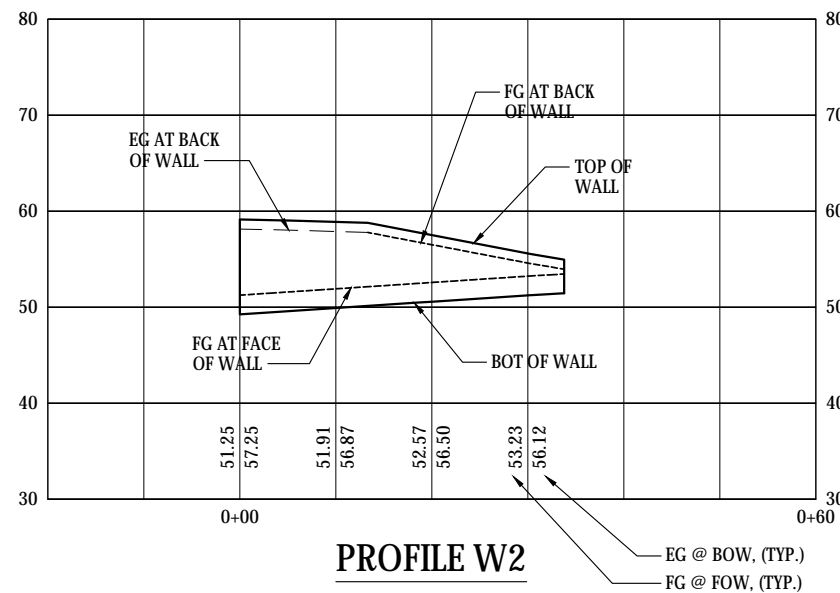
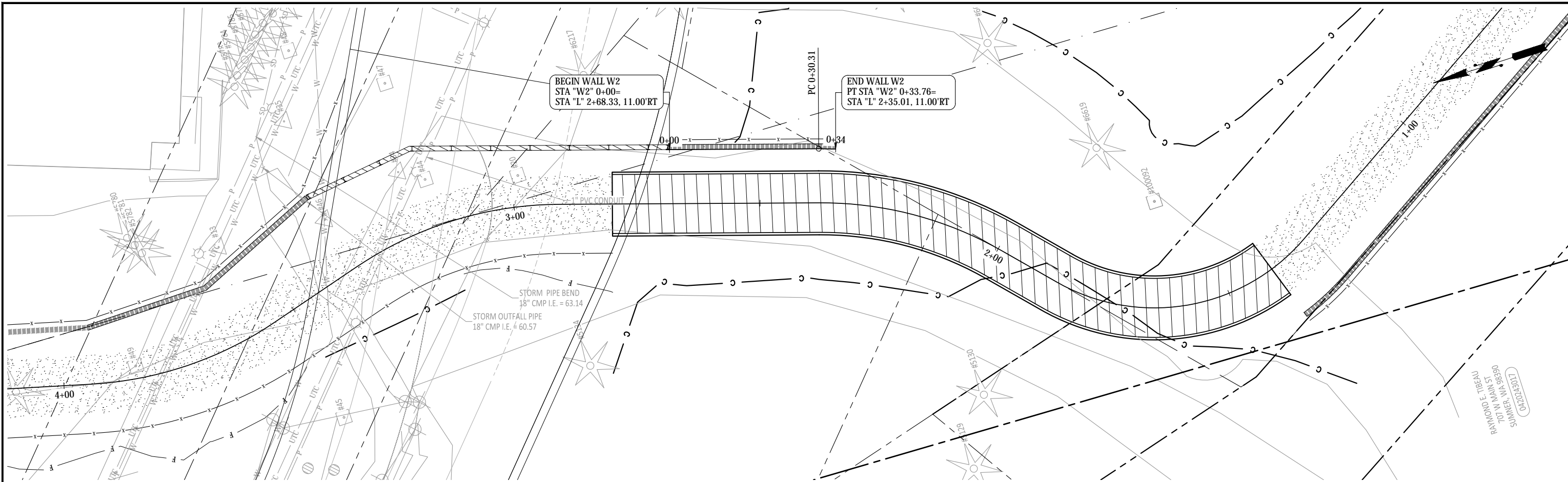


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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
WALL PLAN & PROFILE
SHEET 1

DRAWING NO. W-1
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 56 OF 74

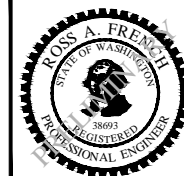
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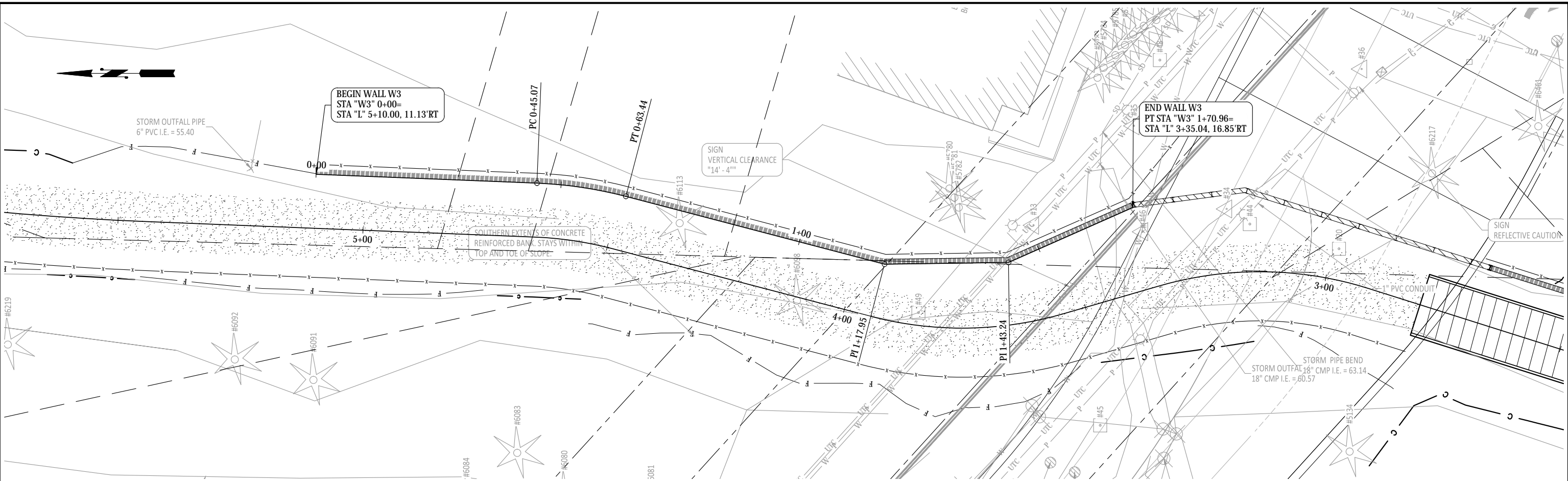
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
WALL PLAN & PROFILE
SHEET 2

DRAWING NO. **W-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 57 OF 74

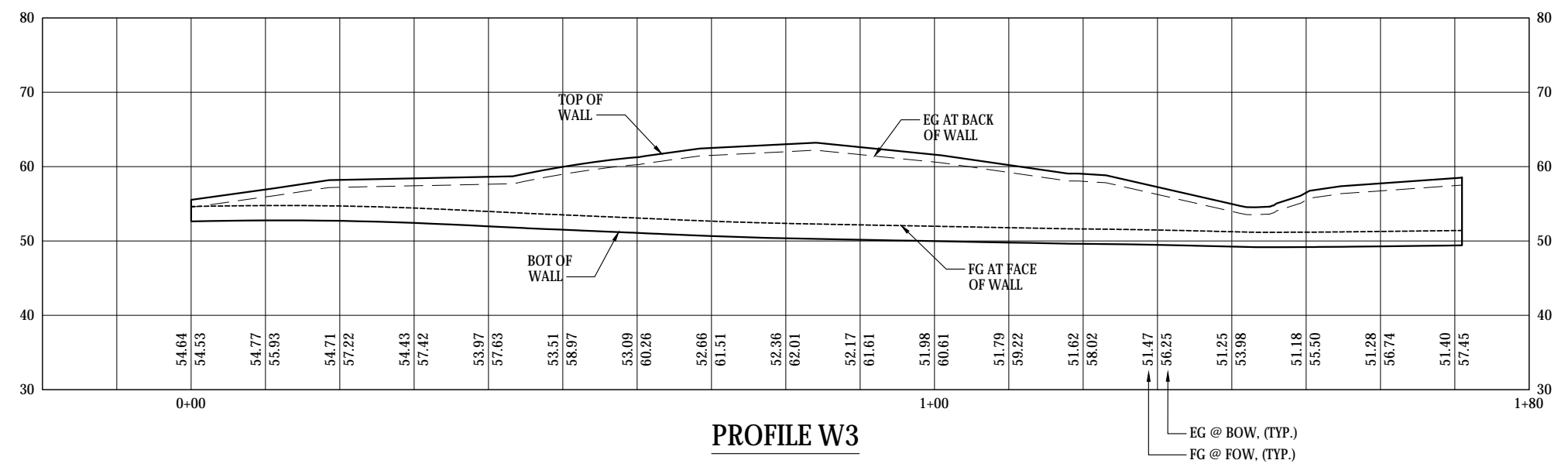
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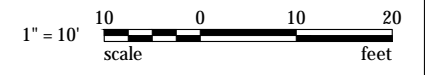
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PLAN



PROFILE W3



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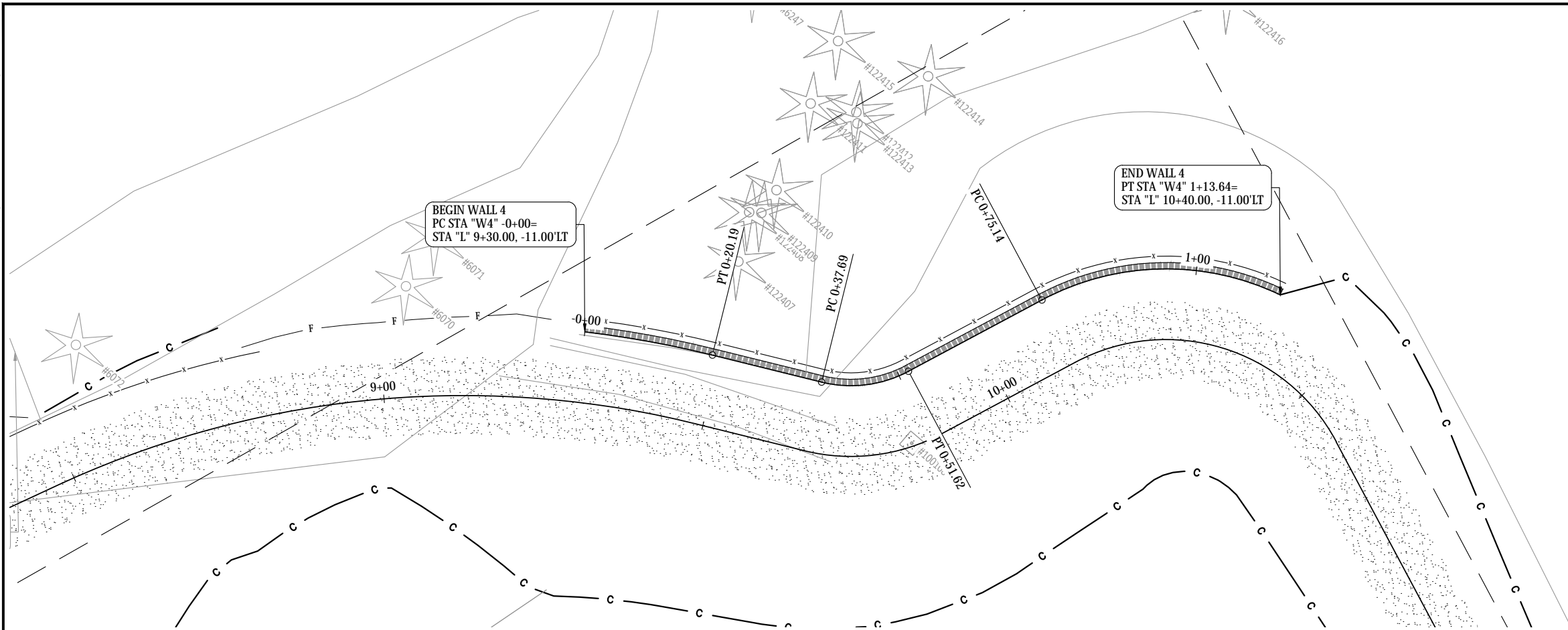
CITY OF SUMNER
WASHINGTON

ROSS A. FRENCH
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
38693

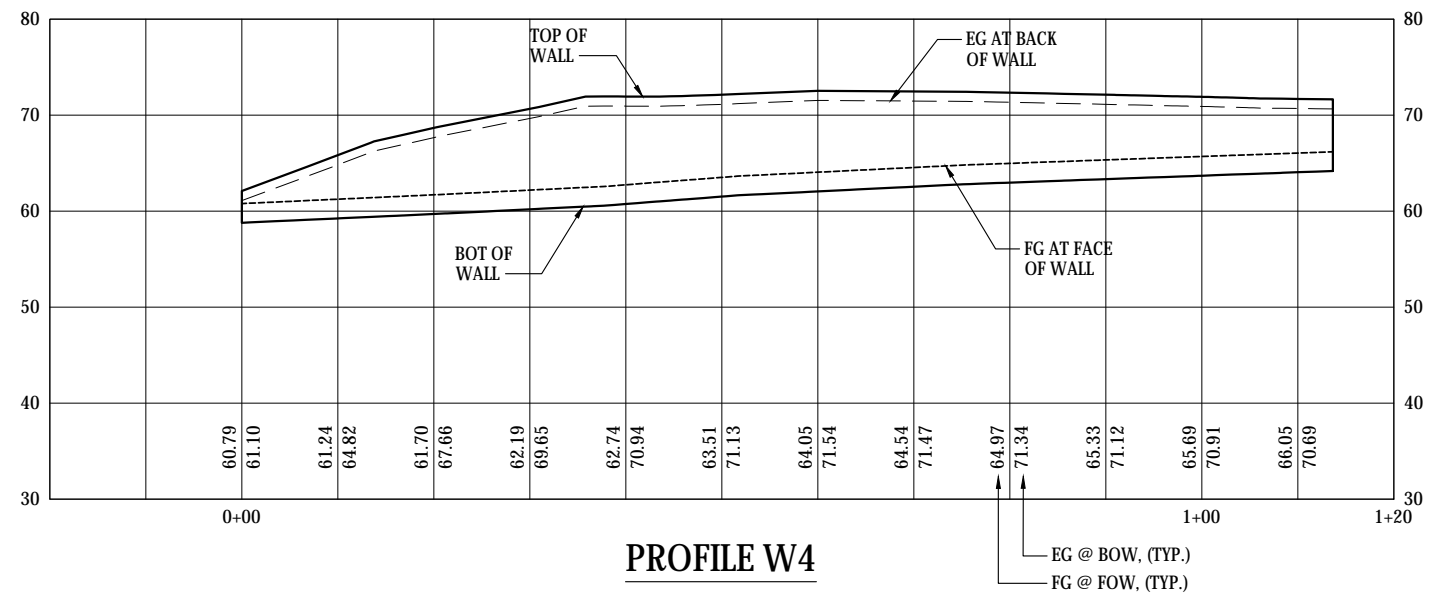
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DESIGN BY: AD
CHECK BY: RAF
PROJ MGR: GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
WALL PLAN & PROFILE
SHEET 3

DRAWING NO. **W-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 58 OF 74



PLAN



PROFILE W4



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PROJ MGR GAB

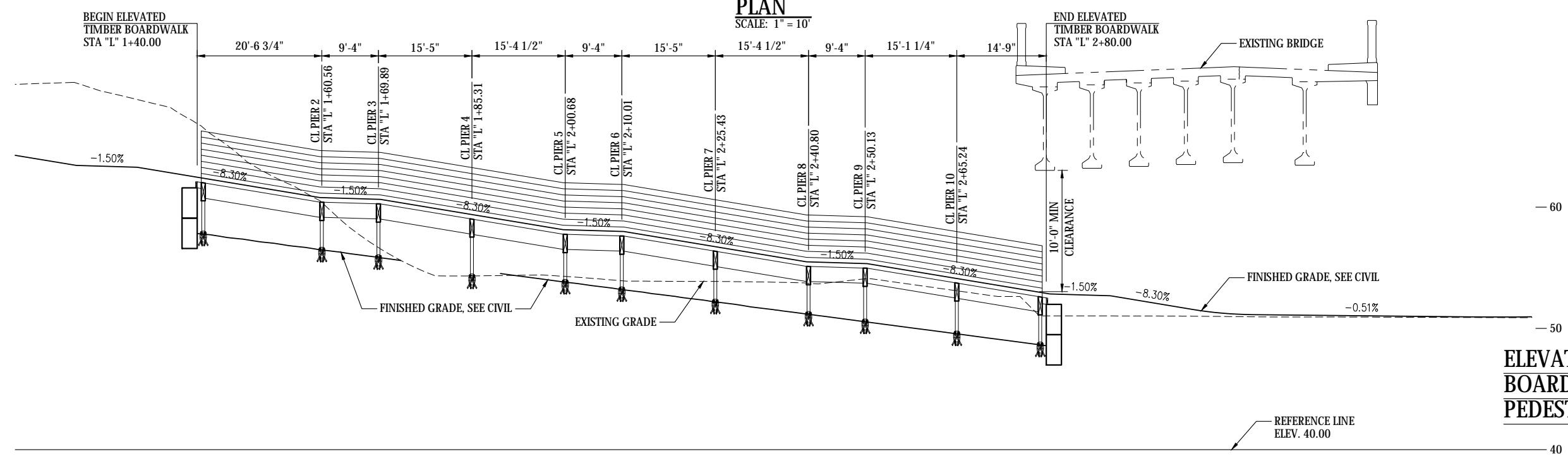
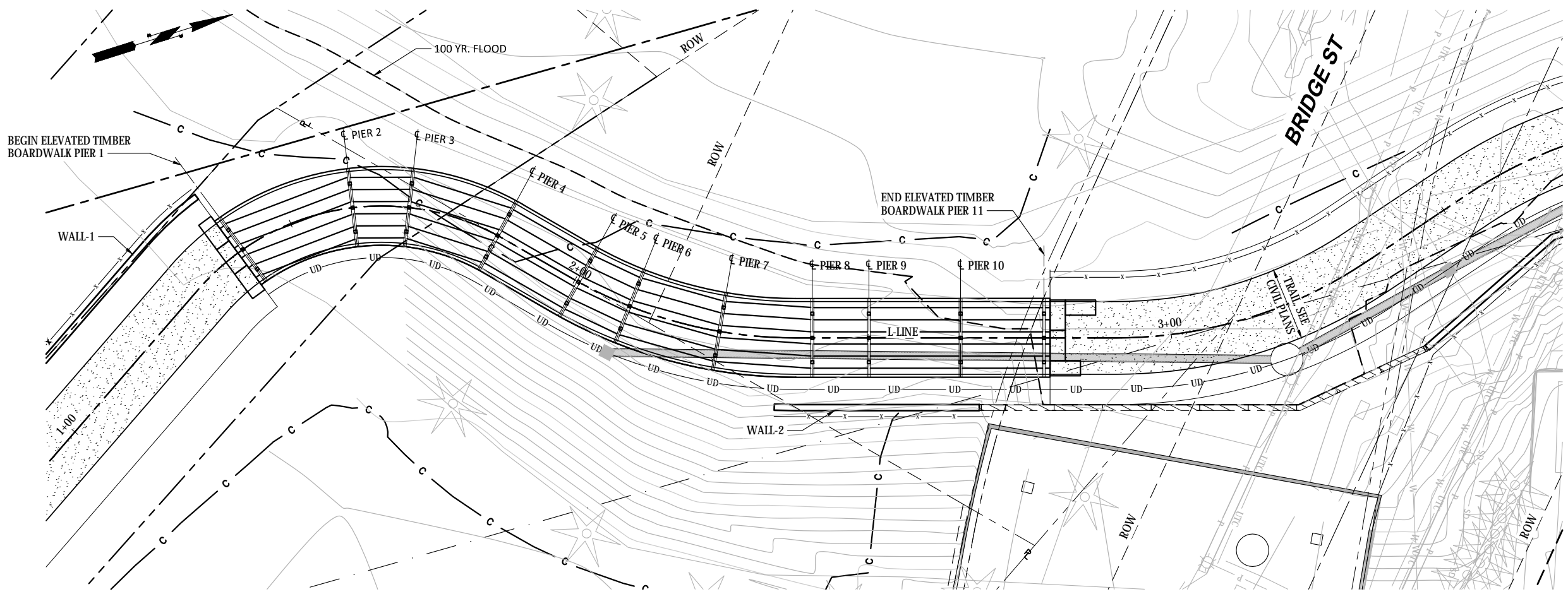
CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
WALL PLAN & PROFILE
SHEET 4

DRAWING NO. **W-4**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 59 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE

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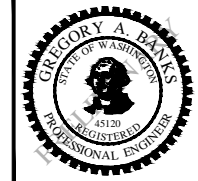
ELEVATED TIMBER BOARDWALK PEDESTRIAN LIVE LOAD

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CITY OF SUMNER WASHINGTON

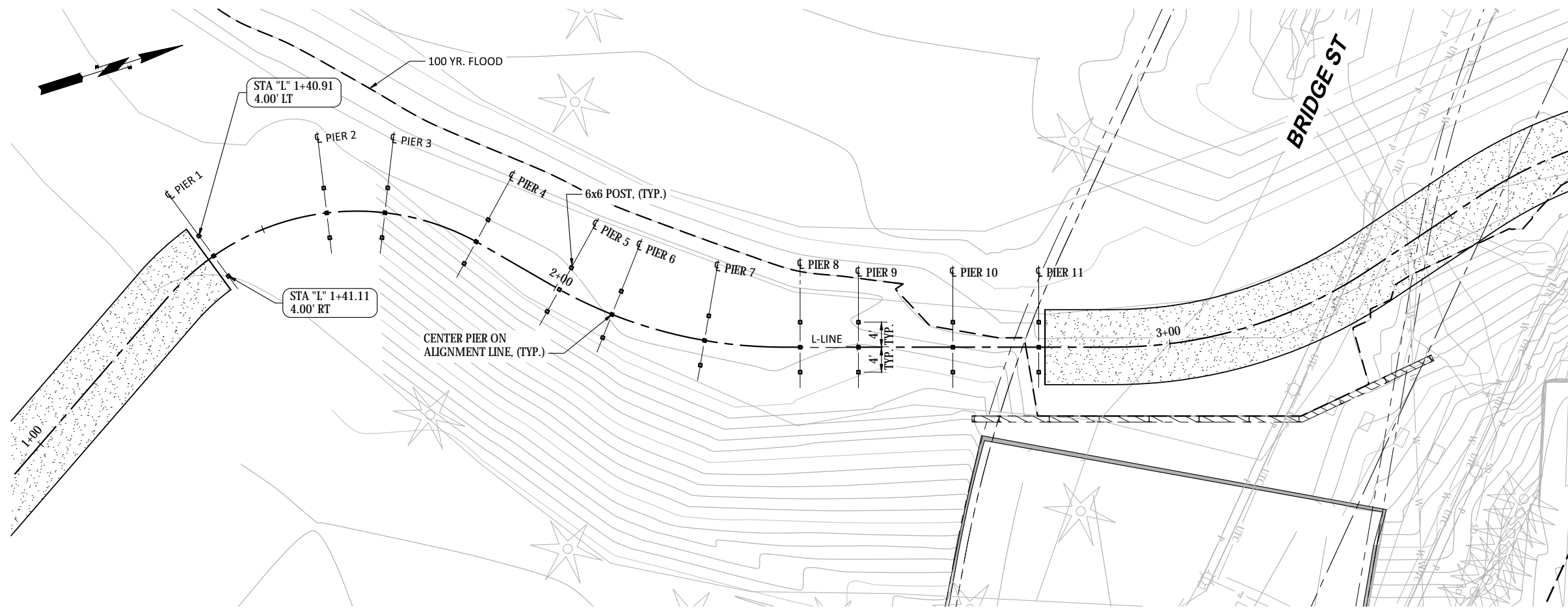


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DESIGN BY MH
CHECK BY MH
PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
STRUCTURES GENERAL PLAN AND ELEVATION

DRAWING NO. **S-2**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 61 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE



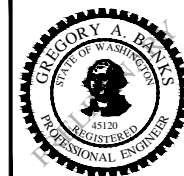
FOUNDATION PLAN
SCALE: 1" = 10'

PIER #	STATION	BEARING
1	STA "L" 1+41.00	N 71° 14' 22.6" E
2	STA "L" 1+60.56	N 79° 18' 32.7" W
3	STA "L" 1+69.89	N 65° 56' 29.0" W
4	STA "L" 1+85.31	N 43° 51' 09.6" W
5	STA "L" 2+00.68	N 43° 33' 24.0" W
6	STA "L" 2+10.01	N 50° 46' 46.1" W
7	STA "L" 2+25.43	N 62° 43' 02.4" W
8	STA "L" 2+40.80	N 72° 27' 57.4" W
9	STA "L" 2+50.13	N 72° 27' 57.4" W
10	STA "L" 2+65.24	N 72° 27' 57.4" W
11	STA "L" 2+79.00	N 72° 27' 57.4" W

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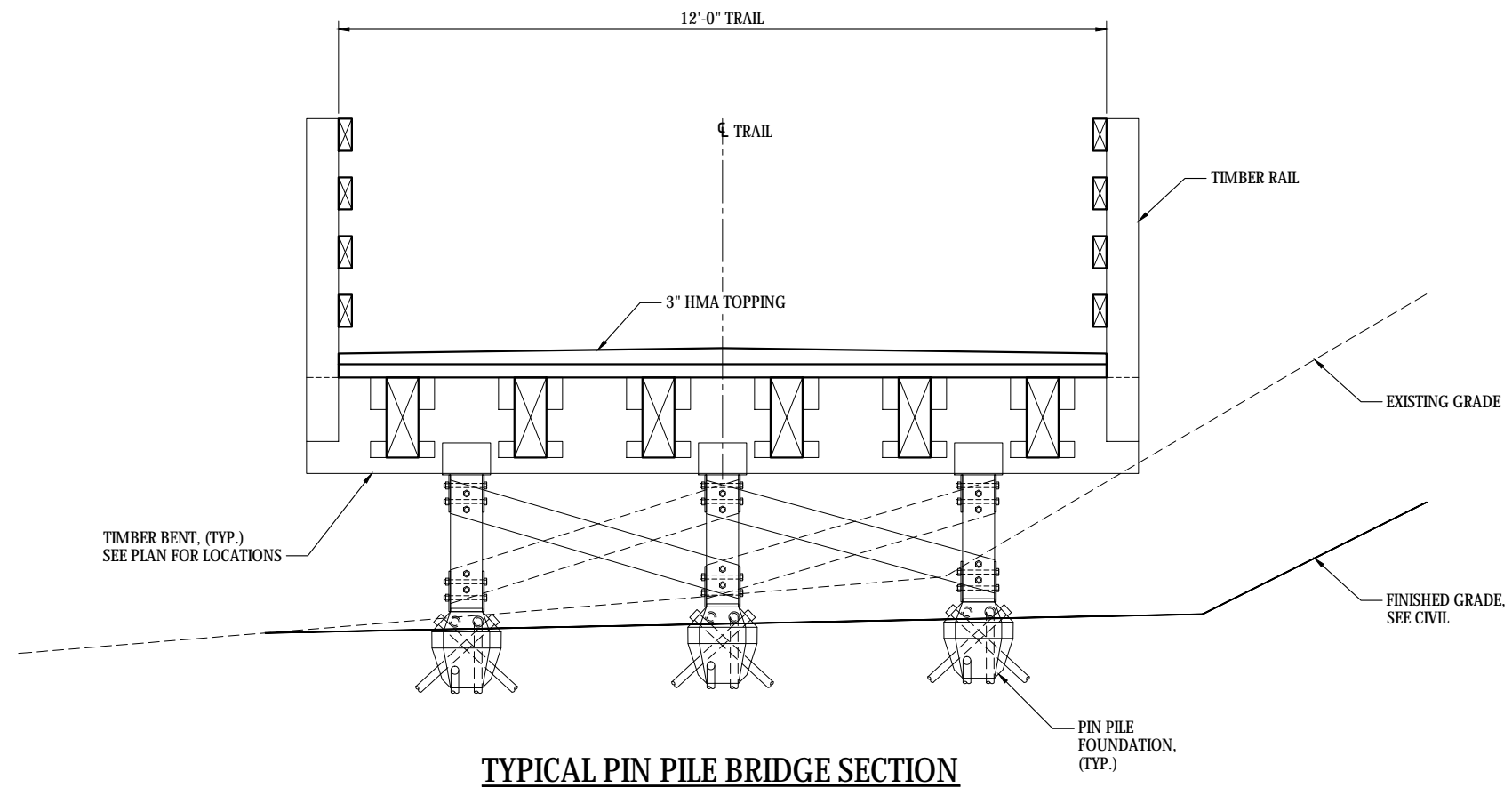


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DESIGN BY MH
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PROJ MGR GAB

CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
FOUNDATION PLAN

DRAWING NO. **S-3**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 62 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE



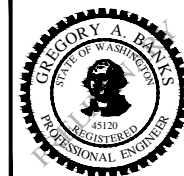
TYPICAL PIN PILE BRIDGE SECTION

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CITY OF SUMNER
SUMNER TRAIL AND SIDEWALK IMPROVEMENT
PIN PILE BRIDGE DETAILS - SHEET 1

DRAWING NO. **S-12**
PROJECT NO. A15.0029
DATE: 3/31/20
SHEET NO. 71 OF 74

MARK	REVISION DESCRIPTION	BY	APP.	DATE