

CITY OF MARYSVILLE

PUBLIC WORKS DEPARTMENT

MARYSVILLE RIVERWALK

CITY PERMIT PA23031

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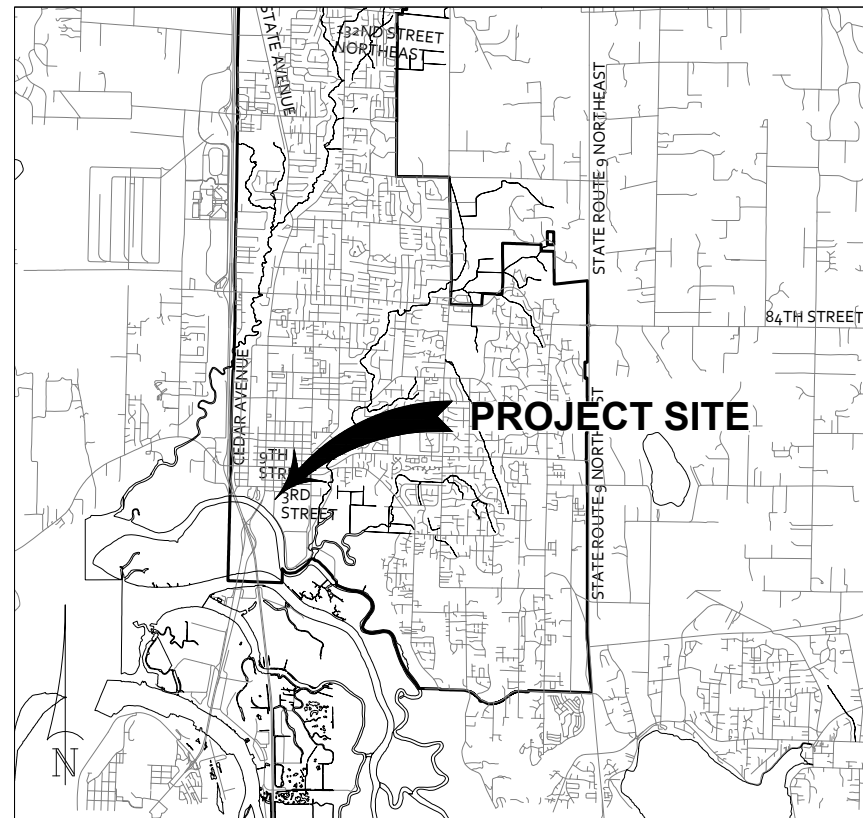
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TRAFFIC ENGINEER PROJECT ENGINEER

CONSTRUCTION MANAGER MAINTENANCE SUPERINTENDENT

APPROVED BY:

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VICINITY MAP
N.T.S.

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WATER SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	□	□	CAP/PLUG
	⊕	⊕	COUPLING
	○	•	GUARD POST
	△	▶	REDUCER
	◀	▶	THRUST BLOCKING
	⊞	⊞	WATER METER
	⊙	⊙	FIRE HYDRANT 2-NOZZLE
	⊙	⊙	FIRE HYDRANT 3-NOZZLE
			FLANGE/BLIND FL (FL) (BL FL)
	┌	┌	MECHANICAL JOINT (MJ)
			PUSH-ON/HUB
	┌	┌	THREAD
	⊙	⊙	AIR RELIEF VALVE
	⊙	⊙	BLOW-OFF VALVE
	⊙	⊙	BUTTERFLY VALVE
	⊙	⊙	CHECK VALVE
	⊙	⊙	GATE/GENERAL VALVE
	⊙	⊙	PLUG VALVE

GAS/POWER/TELEPHONE SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	⊞	⊞	GAS METER
	⊞	⊞	GAS VALVE
	⊞	⊞	PAD MOUNTED TRANSFORMER
	⊞	⊞	POWER VAULT
	⊞	⊞	TRANSMISSION TOWER
	⊞	⊞	UTILITY POLE
	⊞	⊞	UTILITY POLE ANCHOR
	○	•	TELEPHONE RISER
	⊞	⊞	TELEPHONE VAULT

SURVEY SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	△	△	ANGLE POINT
	⊕	⊕	BENCH MARK
	○	•	BLOCK CORNER
	○	•	IRON PIPE
	⊕	⊕	MONUMENT (IN CASE)
	⊕	⊕	MONUMENT (SURFACE)
	⊕	⊕	OWNERSHIP TIE
	○		SECTION CENTER
	⊕	⊕	SECTION CORNER
	⊕	⊕	QUARTER CORNER
	⊕	⊕	SIXTEENTH CORNER
	⊕	⊕	CLOSING CORNER
	MC	MC	MEANDER CORNER
	WC	WC	WITNESS CORNER
	⊕	⊕	SOIL BORING/POTHOLING
	x	⊕	SPOT ELEVATION
	XXX		TAX LOT/PARCEL NUMBER

SIGNALIZATION SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	—	—	AERIAL DISCONNECT
	—	—	AERIAL TERMINAL COMPARTMENT
	□	□	DIPOLE DETECTOR
	□	□	QUADRAPOLE DETECTOR
	○	○	ROUND LOOP DETECTOR
	□	□	PEDESTRIAN DETECTOR
	⊞	⊞	INDICATOR LIGHT
	⊞	⊞	OPTICOM SENSOR
	⊞	⊞	OPTICOM SENSOR W/ INDICATOR LIGHTS
	⊞	⊞	FLASHING WARNING SYSTEM
	⊞	⊞	JUNCTION BOXES (TYPE I, II, III)
	⊞	⊞	PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
	⊞	⊞	PEDESTRIAN SIGNAL HEAD
	⊞	⊞	SIGNAL POLE NOTE
	⊞	⊞	R/R CROSSING GATE
	⊞	⊞	R/R CROSSING SIGNAL
	⊞	⊞	SIGNAL CONTROLLER
	⊞	⊞	SIGNAL LOAD CENTER
	⊞	⊞	STREET LIGHT ASSEMBLY
	⊞	⊞	TRAFFIC SIGN-BRIDGE
	⊞	⊞	TRAFFIC SIGN-CANTILEVERED
	⊞	⊞	TRAFFIC SIGN-SINGLE POST
	⊞	⊞	TRAFFIC SIGN-DOUBLE POST
	⊞	⊞	TRAFFIC SIGNAL POLE
	⊞	⊞	TRAFFIC SIGNAL POLE W/ LUMINAIRE
	⊞	⊞	TRAFFIC SIGNAL SUPPORT POLE
	→	→	VEHICLE SIGNAL HEAD
	→	→	VEHICLE SIGNAL HEAD W/ ARROW INDICATOR
	⊞	⊞	WIRE NOTE

SANITARY/STORM SEWER SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	○	•	SANITARY SEWER CLEAN OUT
	○	○	SANITARY SEWER MANHOLE
	□	□	STORM DRAIN CATCH BASIN (TYPE 1)
	—	—	STORM DRAIN CULVERT
	⊕	⊕	STORM DRAIN CATCH BASIN (TYPE 2)
	⊕	⊕	STORM DRAIN MANHOLE
	⊕	⊕	ENERGY DISSIPATOR
	⊕	⊕	OVERFLOW STRUCTURE

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CHANNELIZATION SYMBOLS

SYMBOL	EXIST.	PROP.	DESCRIPTION
	⊙	⊙	BIKE PATH
	⊙	⊙	HANDICAP SYMBOL
	◇	◇	H.O.V. LANE SYMBOL
	ONLY	ONLY	ONLY
	X	X	RAILROAD CROSSING
	SCHOOL	SCHOOL	SCHOOL
	STOP	STOP	STOP
	↑	↑	STRAIGHT ARROW
	↗	↗	LT.RT.STR. ARROW
	↔	↔	LEFT-RIGHT ARROW
	↩	↩	2-WAY LEFT TURN
	↩	↩	LEFT TURN ARROW
	↪	↪	RIGHT TURN ARROW
	↩	↩	LEFT-STRAIGHT ARROW
	↪	↪	RIGHT-STRAIGHT ARROW
	○	•	LANE MARKER TYPE I
	□	■	LANE MARKER TYPE II

SURFACE FEATURES/LANDSCAPING

SYMBOL	EXIST.	PROP.	DESCRIPTION
	⊞	⊞	BUS STOP
	—	—	EMBANKMENT
	□	□	MAIL BOX
	⊞	⊞	RIP RAP
	⊞	⊞	ROCKERY
	⊞	⊞	SHRUB
	⊞	⊞	SIGN
	⊞	⊞	TREE (CONIFER)
	⊞	⊞	TREE (DECIDUOUS)
	○	•	FENCE POST
	⊞	⊞	CURB RAMP
	⊞	⊞	YARD LIGHT

ABBREVIATIONS

ADJ	ADJUST
ALIGN	ALIGNMENT
ALT	ALTERNATE
AP	ANGLE POINT
APPROX	APPROXIMATELY
ASPH	ASPHALT
AVE	AVENUE
AVG	AVERAGE
BM	BENCH MARK
BOT	BOTTOM
BTWN	BETWEEN
CB	CATCH BASIN
CB1	CATCH BASIN TYPE 1
CB2	CATCH BASIN TYPE 2
CG	CURB & GUTTER
C/L, CL, ☉	CENTERLINE
COM	COMMON
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT
CONT	CONTINUED/CONTINUOUS
DET	DETAIL
DWG	DRAWING
E	EAST, VERTICAL DISTANCE BETWEEN PVI AND ROAD SURFACE
EA	EACH
EL	ELEVATION
EX, EXIST	EXISTING
FH	FIRE HYDRANT
FT	FEET/FOOT
G	GAS LINE
GE	GROUND ELEVATION
GV	GAS VALVE
HORIZ	HORIZONTAL
HPS	HIGH PRESSURE SODIUM
HT	HEIGHT
IE	INVERT ELEVATION
IN	INCH/INCHES
INT, INTX	INTERSECTION
K	RATE OF VERTICAL CURVATURE (LENGTH (FT) PER % DIFF. IN GRADE)
L	LENGTH OF ARC
LB	POUND
LBS	POUNDS
LF	LINEAL FOOT/FEET
LT	LEFT
LUMIN	LUMINAIRE
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
N	NORTH
NA	NOT APPLICABLE
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NO.	NUMBER
NTS	NOT TO SCALE
OPP	OPPOSITE
PC	POINT OF CURVE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE / POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
R	RADIUS/RANGE
REF	REFERENCE
RR	RAILROAD
RT	RIGHT
R/W, ROW	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
SEC	SECTION
SLJB	STREET LIGHTING JUNCTION BOX
SPEC	SPECIFICATION
STD	STANDARD
STLT	STREET LIGHT
SR	STATE ROUTE
SS	SANITARY SEWER
ST	STREET
STA	STATION
S/W	SIDEWALK
T	TOWNSHIP
TOC	TOP OF CURB
TV	TELEVISION
UTIL	UTILITY
VERT	VERTICAL
W	WEST, WATER LINE
W/	WITH
WA	WASHINGTON
WM	WILLAMETTE PRINCIPAL MERIDIAN

LINETYPES

LINETYPE	DESCRIPTION
———	SURFACE FEATURES:
———	EXISTING BUILDING LINE
———	PROPOSED BUILDING LINE
———	EXISTING DITCH
———	PROPOSED DITCH
———	EXISTING CURB/PAVEMENT/SIDEWALK
———	PROPOSED CURB/PAVEMENT/SIDEWALK
———	EXISTING FENCE LINE
———	PROPOSED FENCE LINE
———	EXISTING GRAVEL
———	EXISTING GUARDRAIL
———	PROPOSED GUARDRAIL
———	LAKE/POND
———	WETLAND/SWAMP PERIMETER
———	RAILROAD
———	EXISTING RETAINING WALL
———	PROPOSED RETAINING WALL
———	RIVERBANK/ShORELINE
———	VEGETATION LINE
———	SURVEY:
———	EXISTING CENTERLINE
———	PROPOSED CENTERLINE
———	EXISTING CONTOUR (INTERMEDIATE)
———	EXISTING CONTOUR (INDEX)
———	PROPOSED CONTOUR (INTERMEDIATE)
———	PROPOSED CONTOUR (INDEX)
———	EXISTING EASEMENT LINE
———	PROPOSED EASEMENT LINE
———	EXISTING PROPERTY LINE
———	EXISTING RIGHT OF WAY CENTERLINE
———	EXISTING RIGHT OF WAY
———	EXISTING RIGHT OF WAY (USED)
———	PROPOSED RIGHT OF WAY
———	SECTION LINE
———	QUARTER SECTION LINE
———	16TH SECTION LINE
———	UTILITIES (EXISTING)
———	EXISTING GAS LINE
———	EXISTING AERIAL POWER
———	EXISTING BURIED POWER
———	EXISTING STORM DRAIN
———	EXISTING FORCE MAIN
———	EXISTING SANITARY SEWER
———	EXISTING AERIAL TELEPHONE
———	EXISTING BURIED TELEPHONE
———	EXISTING WATER LINE
———	UTILITIES (PROPOSED)
———	PROPOSED GAS LINE
———	PROPOSED AERIAL POWER
———	PROPOSED BURIED POWER
———	PROPOSED STORM DRAIN
———	PROPOSED FORCE MAIN
———	PROPOSED SANITARY SEWER
———	PROPOSED AERIAL TELEPHONE
———	PROPOSED BURIED TELEPHONE
———	PROPOSED WATER LINE
———	CUSTOM:
———	CUT LINE
———	FILL LINE
———	SILT FENCE
———	CONSTRUCTION FENCE

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1	2/14/24	REVISION 1 TO PERMIT SUBMITTAL	NH	PB
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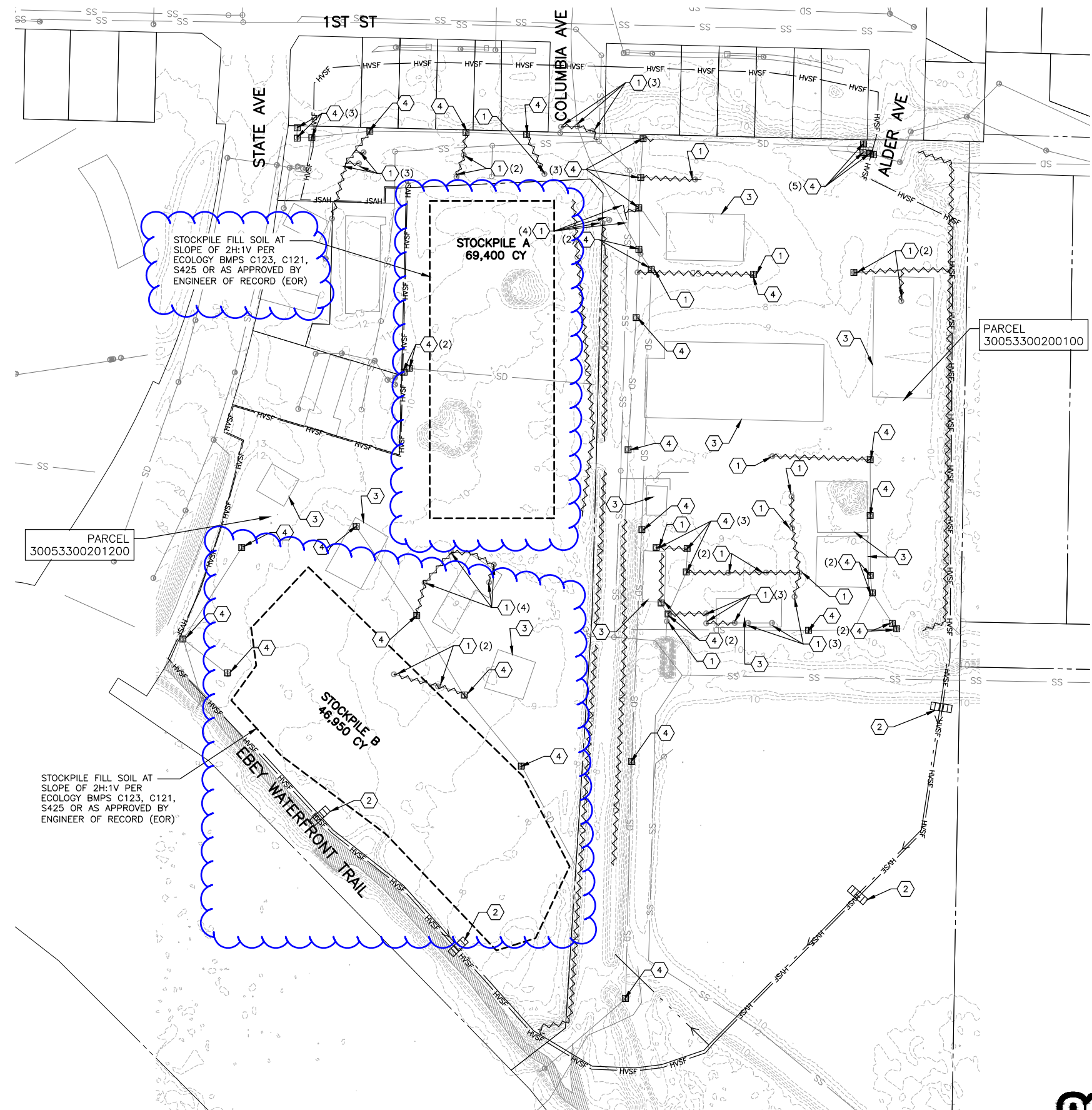
KERN CAMERON MOGEE
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

Drawn By	Date
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Checked By	
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CITY OF MARYSVILLE
MARYSVILLE RIVERWALK
LEGEND AND ABBREVIATIONS

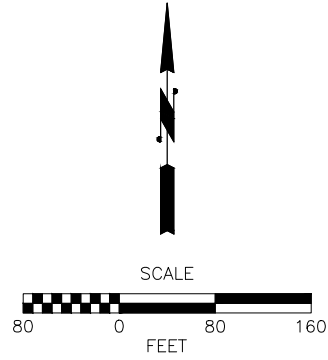
Drawing No. **LG1**
Sheet No. 1 of 3
Project Number 20230034

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CONSTRUCTION NOTES:

- ① ABANDON EXISTING MANHOLE OR CATCH BASIN.
- ② INSTALL ROCK CHECK DAMS AT FLOWLINE OF DITCH, PER CITY OF MARYSVILLE STANDARD PLAN 4-040-013.
- ③ BUILDING DEMOLITION BY OTHERS.
- ④ INSTALL INLET PROTECTION.



LEGEND:

- INLET PROTECTION
- HIGH VISIBILITY SILT FENCE
- GENERAL NOTE #3
- PROPOSED FLOWLINE
- CHECK DAM
- EXISTING CATCH BASIN

GENERAL NOTES:

1. ALL NEW CATCH BASINS WHICH WILL RECEIVE SURFACE FLOW PRIOR TO PROJECT COMPLETION SHALL BE PROVIDED WITH INLET PROTECTION.
2. ALL CATCH BASINS WITH GRATED LIDS LOCATED DOWN GRADIENT WITHIN 500' OF THE PROJECT LIMITS SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES. THIS INCLUDES CATCH BASINS LOCATED ON PRIVATE PROPERTY.
3. ABANDON EXISTING PIPES INDICATED BY ZIGZAG LINE, REMOVE IF NECESSARY.
4. CONTRACTOR TO CONSTRUCT SEDIMENT TRAPS PER ECOLOGY BMP C240 AS NEEDED TO ASSIST INLET PROTECTION WITH SEDIMENT CONTROL.

STOCKPILE FILL SOIL AT SLOPE OF 2H:1V PER ECOLOGY BMPS C123, C121, S425 OR AS APPROVED BY ENGINEER OF RECORD (EOR)

STOCKPILE A
69,400 CY

STOCKPILE B
46,950 CY

STOCKPILE FILL SOIL AT SLOPE OF 2H:1V PER ECOLOGY BMPS C123, C121, S425 OR AS APPROVED BY ENGINEER OF RECORD (EOR)

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PARCEL
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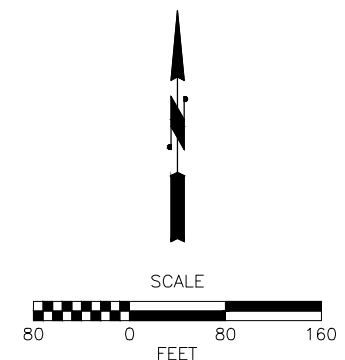
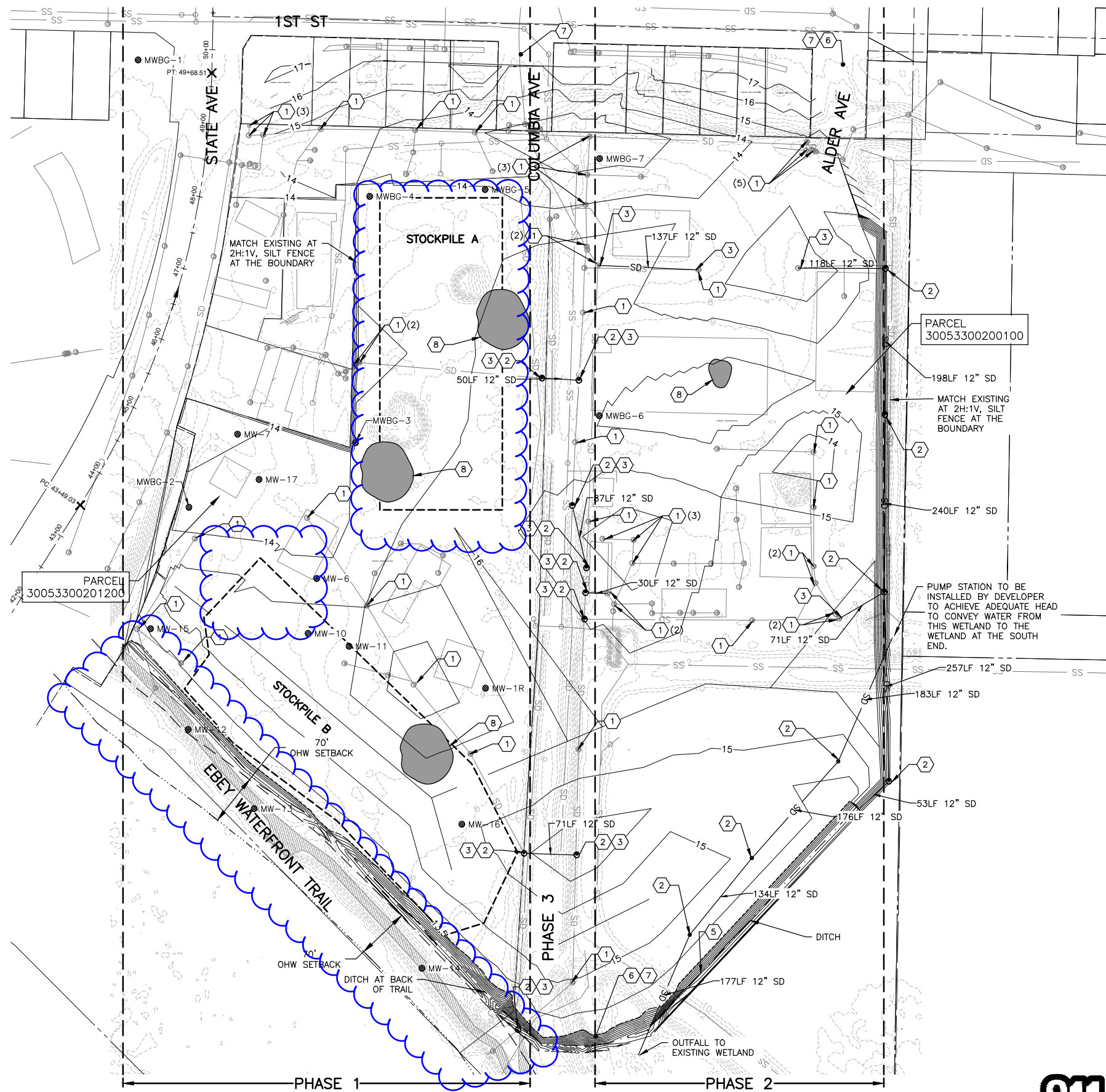
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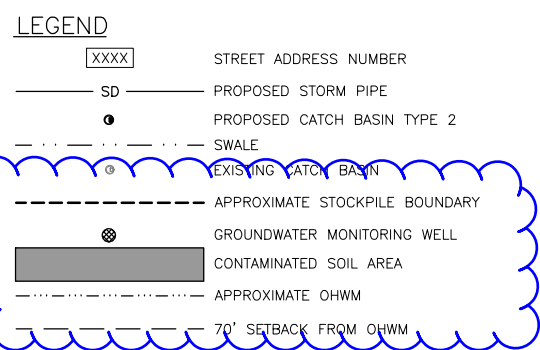
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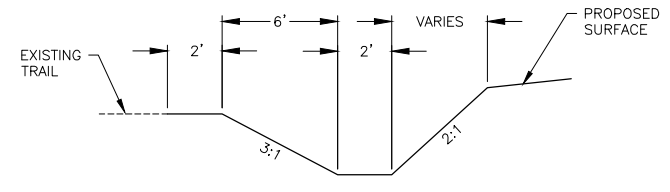


- CONSTRUCTION NOTES:**
- 1 ADJUST MANHOLES AND CATCH BASINS TO GRADE.
 - 2 CATCH BASIN TYPE 2 PER CITY OF MARYSVILLE STANDARD PLAN 4-080-009.
 - 3 CONNECT TO EXISTING DRAINAGE STRUCTURE.
 - 4 INSTALL SOLID COVER PER CITY OF MARYSVILLE STANDARD PLAN 4-080-024.
 - 5 DITCH PER DETAIL ON THIS SHEET.
 - 6 MAINTAIN VEHICLE INGRESS/EGRESS FROM ALDER TO WWTP ACCESS ROAD THROUGHOUT CONSTRUCTION.
 - 7 INSTALL CONSTRUCTION ENTRANCE.
 - 8 AREA OF KNOWN CONTAMINATED SOIL. CITY TO TEST, CONTRACTOR TO EXCAVATE AND DISPOSE.



- GENERAL NOTES**
1. ALL PROPOSED CATCH BASINS SHALL HAVE VANED GRATES PER CITY OF MARYSVILLE STANDARD PLAN 4-080-016 UNLESS OTHERWISE NOTED.
 2. ALL EXCAVATED SOILS TO BE SEGREGATED FOR SCREENING FOR CONTAMINANTS.
 3. ALL EXISTING FEATURES ARE FROM PUBLICLY AVAILABLE GIS DATA.
 4. ALL COMPACTED SURFACES SHALL BE TEMPORARILY MULCHED AND HYDROSEEDING WHEN WEATHER ALLOWS (SPRING OR FALL).
 5. ALL COMPACTED SURFACES SHALL BE PER WSDOT STANDARD SPECIFICATION 2-03.3(14)C METHOD B.
 6. ALL FILL SOIL TO BE DELIVERED AND PLACED OR STOCKPILED BY DEC. 15, 2025.

- PHASING NOTES**
- PHASE 1: DEMOLISH BUILDINGS AND FILL TO PROPOSED GRADE WEST OF COLUMBIA AVE, AND SLOPE DOWN TO COLUMBIA AVE.
- PHASE 2: DEMOLISH PUBLIC WORKS FACILITIES, FILL TO PROPOSED GRADE EAST OF COLUMBIA AVE, AND SLOPE DOWN TO COLUMBIA AVE.
- PHASE 3: FILL IN COLUMBIA AVE, AND ADJUST UTILITIES AS NECESSARY.



DITCH DETAIL
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CITY OF MARYSVILLE
MARYSVILLE RIVERWALK

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GRADING AND DRAINAGE PLAN