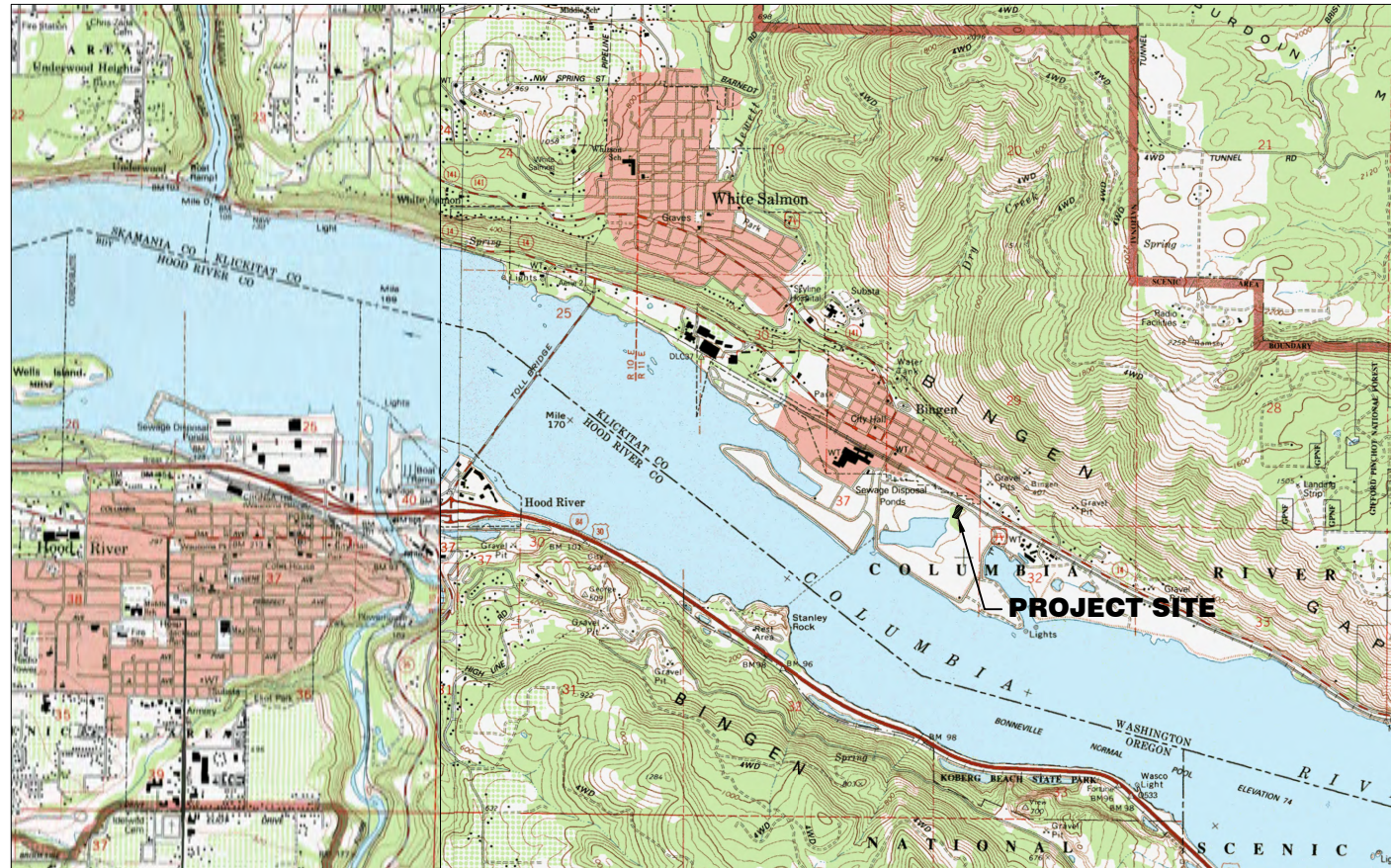


PROPOSED BPT LOT 9 BOUNDARY FILL PROJECT POK PROJECT ID #2022-03 FOR THE Klickitat County Port District No. 1 JUNE 2022



SHEET INDEX	
BASE BID	
SHEET	DESCRIPTION
C-000	COVER SHEET
C-001	NOTES & LEGENDS
C-101	OVERALL PLAN
C-111	BASE BID WORK ITEM



VICINITY MAP
APPROXIMATE SCALE 1"=2,000'

OWNER:

Klickitat County Port District No. 1
154 East Bingen Point Way, Ste. A
Bingen, WA 98605
PH: 509-493-1655
FX: 509-493-4257
MARGIE ZIEGLER, EXECUTIVE DIRECTOR

ENGINEER:

TENNESON ENGINEERING CORP.
3775 CRATES WAY
THE DALLES, OR. 97058
PH. 541-296-9177
FAX 541-296-6657
DARRIN ECKMAN, PROJECT MANAGER
KEVIN CHRISMAN, PROJECT DESIGNER

Design	T.E.C.	Survey	T.E.C.
WORK	DWG. No.		
ORDERS\16300\16363\DRAWINGS\16363_PROJECT.DWG			
Date	Drawn		
06/27/2022			
Work Order No.	Scale		
16149	NONE		

COVER SHEET
FOR THE
BPT LOT 9 BOUNDARY FILL PROJECT
POK PROJECT ID #2022-03
BINGEN, KICKITAT COUNTY, WASHINGTON

TENNESON ENGINEERING CORP.
CONSULTING ENGINEERS
3775 CRATES WAY
THE DALLES, OREGON 97058
PH. 541-296-9177 FAX 541-296-6657
PLOT DATE: 6/26/2022

FOR BID

1"
IF THIS BAR IS NOT ONE INCH,
THEN ADJUST SCALES ACCORDINGLY



COVER

SHEET
C-000

Work Order No.
16363

GENERAL NOTES:

- A) CONTRACTOR SHALL CONFORM TO ALL CONSTRUCTION PERMITS PROCURED BY THE OWNER.
- B) CONTRACTOR TO PAY ALL TESTING COSTS. CONTRACTOR SHALL COORDINATE AND PAY ALL COSTS ASSOCIATED WITH CONNECTING TO EXISTING WATER, SANITARY SEWER AND STORM SEWER FACILITIES.
- C) CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION.
- D) ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION, INCLUDING BUT NOT LIMITED TO THE COUNTY, WASHINGTON DEPARTMENT OF HEALTH (DOH) AND THE WASHINGTON DEPARTMENT OF ECOLOGY (DOE).
- E) UNLESS OTHERWISE APPROVED BY THE JURISDICTION, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 AM. AND 5:00 P.M., MONDAY THROUGH FRIDAY.
- F) THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT.
- G) THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START OF CONSTRUCTION AND COMPLY WITH ALL OTHER REQUIREMENTS OF THE SERVING UTILITIES.
- H) ANY INSPECTION BY THE OWNER OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES AND AGENCY REQUIREMENTS.
- I) CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER LOCAL REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (WASHINGTON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY.
- J) CONTRACTOR SHALL BE PROPERLY LICENSED BY THE APPROPRIATE STATE AGENCY.
- K) ELEVATIONS ARE BASED ON AN ASSUMED DATUM AS SHOWN ON THE PLANS.
- L) STATIONING IS BASED ON PRIMARY ALIGNMENT SHOWN.

EXISTING UTILITIES & FACILITIES:

- A) THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SITE AT ALL TIMES WHEREON HE WILL RECORD ANY APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS, AS WELL AS THE STATION LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ENCOUNTERED. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE OWNER UPON REQUEST. FAILURE TO CONFORM TO THIS REQUIREMENT MAY RESULT IN DELAY OF PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
- B) UPON COMPLETION OF CONSTRUCTION OF ALL NEW FACILITIES, CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD DRAWINGS CONTAINING ALL RECORD DRAWINGS TO THE ENGINEER FOR USE IN THE PREPARATION OF RECORD DRAWINGS FOR SUBMITTAL TO THE OWNER. ALL INFORMATION SHOWN ON THE CONTRACTORS' FIELD RECORD DRAWINGS SHALL BE SUBJECT TO VERIFICATION BY THE ENGINEER. IF SIGNIFICANT ERRORS OR DEVIATIONS ARE NOTED BY THE ENGINEER, AN AS-BUILT SURVEY PREPARED AND STAMPED BY A REGISTERED PROFESSIONAL LAND SURVEYOR AND/OR QUALIFIED ENGINEER SHALL BE COMPETED AT THE CONTRACTOR'S EXPENSE.
- C) THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWING, ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- D) THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTORS EXPENSE.
- E) CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS. CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER, AND THE DESIGN ENGINEER SHALL OBTAIN APPROVAL PRIOR TO CONSTRUCTION. ALL UTILITY CROSSINGS SHALL BE POTHOLED AS NECESSARY PRIOR TO EXCAVATING OR BORING TO ALLOW THE CONTRACTOR TO PREVENT GRADE OR ALIGNMENT CONFLICTS.
- F) ALL FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO LEAVE EXISTING FACILITIES IN AN EQUAL OR BETTER-THAN-ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER.
- G) UTILITIES OR INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES.
- H) CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES, FENCES, LANDSCAPING, ETC., AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING OR BETTER CONDITION.
- I) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.

GRADING, PAVING & DRAINAGE:

- A) UNLESS OTHERWISE NOTED, ALL GRADING, ROCKING AND PAVING TO CONFORM TO WSDOT/APAWA STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND MUNICIPAL CONSTRUCTION, CURRENT EDITION.
- B) CLEAR AND GRUB WITHIN WORK LIMITS ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ETC. DO NOT DAMAGE OR REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER SHOWN ON THE DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER. (BY OWNER)
- C) STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER, WHICH CANNOT BE COMPACTED INTO A STABLE MASS. ALL TREES, BRUSH AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND STOCKPILED AT A LOCATION DETERMINED BY OWNER.
- D) IMMEDIATELY FOLLOWING STRIPPING OPERATIONS, COMPACT SUBGRADE TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D698 TEST METHOD (STANDARD PROCTOR). SUBGRADES MUST BE INSPECTED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING EMBANKMENTS, ENGINEERED FILLS OR FINE GRADING FOR BASE ROCK.
- E) ALL FILLS SHALL BE ENGINEERED EXCEPT FOR FILLS LESS THAN 18-INCHES IN DEPTH WHICH ARE LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY, BUILDING PADS, PARKING LOTS OR OTHER AREAS TO BE IMPROVED. ENGINEERED FILLS SHALL BE CONSTRUCTED IN 6" LIFTS OVER APPROVED SUBGRADES. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D698 TEST METHOD (STANDARD PROCTOR).
- F) CRUSHED ROCK SHALL CONFORM TO WSDOT STANDARD SPECIFICATION FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, CURRENT EDITION. COMPACT TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D698 TEST METHOD (STANDARD PROCTOR). WRITTEN COMPACTION TEST RESULTS FROM AN INDEPENDENT TESTING LABORATORY MUST BE RECEIVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING HMA PAVEMENT.
- G) HMA PAVEMENT SHALL CONFORM TO WSDOT STANDARD SPECIFICATION FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, CURRENT EDITION. MIX TO BE COMMERCIAL, DENSE GRADED MIX(4"), GRADE PG. 64-28. PAVEMENT SHALL BE COMPACTED TO MINIMUM OF 91% OF MAXIMUM DENSITY.
- H) UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR FINISH CONTOUR LINES SHOWN.
- I) FINISH PAVEMENT GRADES AT TRANSITION IN EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR BE FEATHERED PAST JOINTS WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINING SURFACE.
- J) ALL EXISTING OR CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADES OF THE PAVEMENT. SIDEWALK, LANDSCAPED AREA OR MEDIAN STRIP WHEREIN THEY LIE. VERIFY THAT ALL VALVE BOXES AND RISERS ARE CLEAN AND CENTERED OVER THE OPERATION NUT. ADJUSTMENT AFTER PLACEMENT OF FINAL WEARING COURSE WILL NOT BE ALLOWED.
- K) UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 2H:1V.
- L) OWNER SHALL SEED AND MULCH ALL EXPOSED SLOPES AND DISTURBED AREA, WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.
- M) TRENCH EXCAVATION, BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATION FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, CURRENT EDITION.

TESTING AND INSPECTION:

- A) THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE COMPLETED BY THE OWNER'S AUTHORIZED INSPECTORS PRIOR TO PROCEEDING WITH SUBSEQUENT WORK WHICH COVERS OR THAT IS DEPENDENT ON THE WORK TO BE INSPECTED. FAILURE TO OBTAIN NECESSARY INSPECTION(S) AND APPROVAL(S) SHALL RESULT IN THE CONTRACTOR BEING FULLY RESPONSIBLE FOR ALL PROBLEMS ARISING FROM UNINSPECTED WORK.
- B) UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TABLE OUTLINES THE MINIMUM TESTING SCHEDULE FOR THE PROJECT. THIS TESTING SCHEDULE IS NOT COMPLETE, AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING ALL NECESSARY INSPECTIONS FOR ALL WORK PERFORMED, REGARDLESS OF WHO IS RESPONSIBLE FOR PAYMENT.

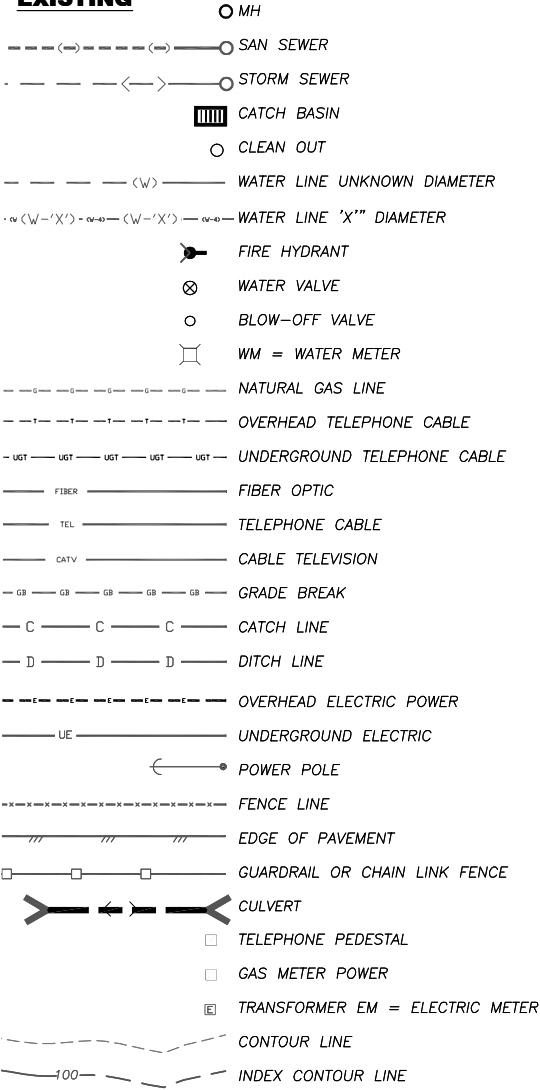
REQUIRED TESTING AND FREQUENCY		Party Responsible for payment	
		Contractor	Others (See note 1)
STREETS, PARKING LOTS, PADS, FILLS. ETC.			
SUBGRADE	1 TEST/4000 S.F./LIFT (2 MIN)		✓ See note 3
AGGREGATE	1 TEST/4000 S.F./LIFT		✓ See note 3
ASPHALT	1 TEST/4000 S.F./LIFT (2 MIN)		✓
PIPED UTILITIES, ALL			
TRENCH BACKFILL	1 TEST/200 FOOT TRENCH/LIFT (2 MIN)		✓
WATER			
PRESSURE	(TO BE WITNESSED BY ENGINEER OR APPROVING AGENCY)	✓	
BACTERIAL WATER TEST	PER OHD/DOH REQUIREMENTS	✓	See note 2
CHLORINE RESIDUAL TEST	PER OHD/DOH REQUIREMENTS	✓	
SANITARY SEWER			
AIR TEST	PER CITY OR ODOT/APWA WHICHEVER IS MORE STRINGENT	✓	See note 4
MANDREL	95% OF ACTUAL INSIDE DIAMETER	✓	
TV INSPECTION	LINES MUST BE CLEANED PRIOR TO TV WORK	✓	
MANHOLE	VACUUM TEST EACH MANHOLE. WITNESSED BY ENGINEER OR APPROVING AGENCY.	✓	See note 4
STORM			
MANDREL	95% OF ACTUAL INSIDE DIAMETER	✓	
TV INSPECTION	LINES MUST BE CLEANED PRIOR TO TV WORK	✓	
NOTE 1: OTHERS REFERS TO OWNER, ENGINEER OR APPROVING AGENCY AS APPLICABLE. CONTRACTOR RESPONSIBLE FOR SCHEDULING TESTING. ALL TESTING MUST BE COMPLETED PRIOR TO PERFORMING SUBSEQUENT WORK.			
NOTE 2: TESTING MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING AGENCY.			
NOTE 3: IN ADDITION TO IN PLACE DENSITY TESTING, THE SUBGRADE AND AGGREGATE SHALL BE PROOF-ROLLED WITH A LOADED 10 YARD DUMP TRUCK PROVIDED BY THE CONTRACTOR. LOCATION AND PATTERN OF PROOF-ROLL TO BE AS DIRECTED BY THE OWNERS AUTHORIZED REPRESENTATIVE.			
NOTE 4: CONTRACTOR MAY USE HYDROSTATIC TESTING IN LIEU OF VACUUM AND AIR TESTING.			

ABBREVIATIONS:

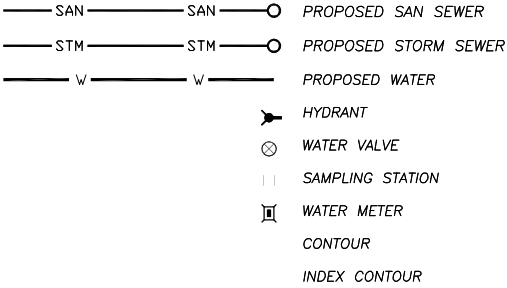
AASHTO – AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ABS – ACRYLONITRILE BUTADIENE STYRENE
APWA – AMERICAN PUBLIC WORKS ASSOCIATION
ASTM – AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA – AMERICAN WATER WORKS ASSOCIATION
BF – BOTTOM OF FOOTING
BSW – BACK OF SIDEWALK
BW – BOTTOM OF WALL
CDF – CONTROLLED DENSITY FILL
CL – CLASS
CLR – CLEAR
CONT. – CONTINUOUS
COTG – CLEANOUT TO GRADE
C.Y. – CUBIC YARD
DCVA – DOUBLE CHECK VALVE ASSEMBLY
DEQ – OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
DI – DUCTILE IRON
DIA., Ø – DIAMETER
DR – DIMENSION RATIO
(E) – EXISTING
EL – ELEVATION
FDC – FIRE DEPARTMENT CONNECTION
FF – FINISH FLOOR
FG – FINISH GRADE
FL – FLANGE
FM – FORCE MAIN
FW – FIRE WATER
G.V. – GATE VALVE
H, HORIZ. – HORIZONTAL
HMAC – HOT MIX ASPHALT CONCRETE
H.S. – HIGH STRENGTH
HYD. – HYDRANT
LEN. – LENGTH
IE – INVERT ELEVATION
L.F. – LINEAL FEET
LP – LIGHT POLE
LT. – LEFT
MUTCD – MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MV – MEDIUM VOLTAGE
N.C. – NORMALLY CLOSED
N.O. – NORMALLY OPEN
O.C., O/C – ON CENTER
ODOT – OREGON DEPARTMENT OF TRANSPORTATION
OG – ORIGINAL GROUND
OHD – OREGON HEALTH DIVISION
(P) – PROPOSED

PC – POINT OF CURVATURE
PCC – PORTLAND CEMENT CONCRETE
P.I.V. – POST INDICATOR VALVE
PO – PUSH ON
POC – POINT ON CURVE
PRC – POINT OF REVERSE CURVATURE
PSI – POUNDS PER SQUARE INCH
PT – POINT OF TANGENCY
PVC – POLYVINYL CHLORIDE
ROW – RIGHT OF WAY
RT. – RIGHT
S – SLOPE
SAN – SANITARY
SD – STORM DRAIN
SDCB – STORM DRAIN CATCH BASIN
SDCO – STORM DRAIN CLEANOUT
SDMH – STORM DRAIN MANHOLE
S.F. – STANDARD DIMENSION RATIO
S.F. – SQUARE FEET
SSCO – SANITARY SEWER CLEANOUT
SSMH – SANITARY SEWER MANHOLE
SS – SANITARY SEWER
STA – STATION
STM – STORM
SW – SIDEWALK
S.Y. – SQUARE YARD
TC – TOP OF CURB
TS – TOP OF SIDEWALK OR SLAB
TF – TOP OF FOOTING
TP – TOP OF PAVEMENT
TW – TOP OF WALL
TYP. – TYPICAL
U.N.O. – UNLESS NOTED OTHERWISE
V, VERT. – VERTICAL
SDR – STANDARD DIMENSION RATIO
S.F. – SQUARE FEET
SSCO – SANITARY SEWER CLEANOUT
SSMH – SANITARY SEWER MANHOLE
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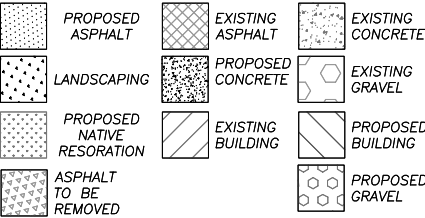
EXISTING



PROPOSED



HATCH



Design: T.E.C.

DWG. No. 16363

Date: 06/27/2022

Work Order No. 16149

Survey: T.E.C.

Drawn: T.E.C.

Scale: NONE

GENERAL NOTES

FOR THE BPT LOT 9 BOUNDARY FILL PROJECT POK PROJECT ID #2022-03

BINGEN, KLICKITAT COUNTY, WASHINGTON

TENNESON ENGINEERING CORP.

CONSULTING ENGINEERS

3775 CRATES WAY

THE DALLES, OREGON 97058

PH. 541-296-9177 FAX 541-296-6657

Plot Date: 6/26/2022

FOR BID

IF THIS BAR IS NOT ONE INCH, THEN ADJUST SCALES ACCORDINGLY.

DARRIN O. ECKMAN

STATE OF WASHINGTON

REGISTERED PROFESSIONAL ENGINEER

EX. DATE: 11/14/23

NOTES

SHEET C-001

Work Order No. 16363



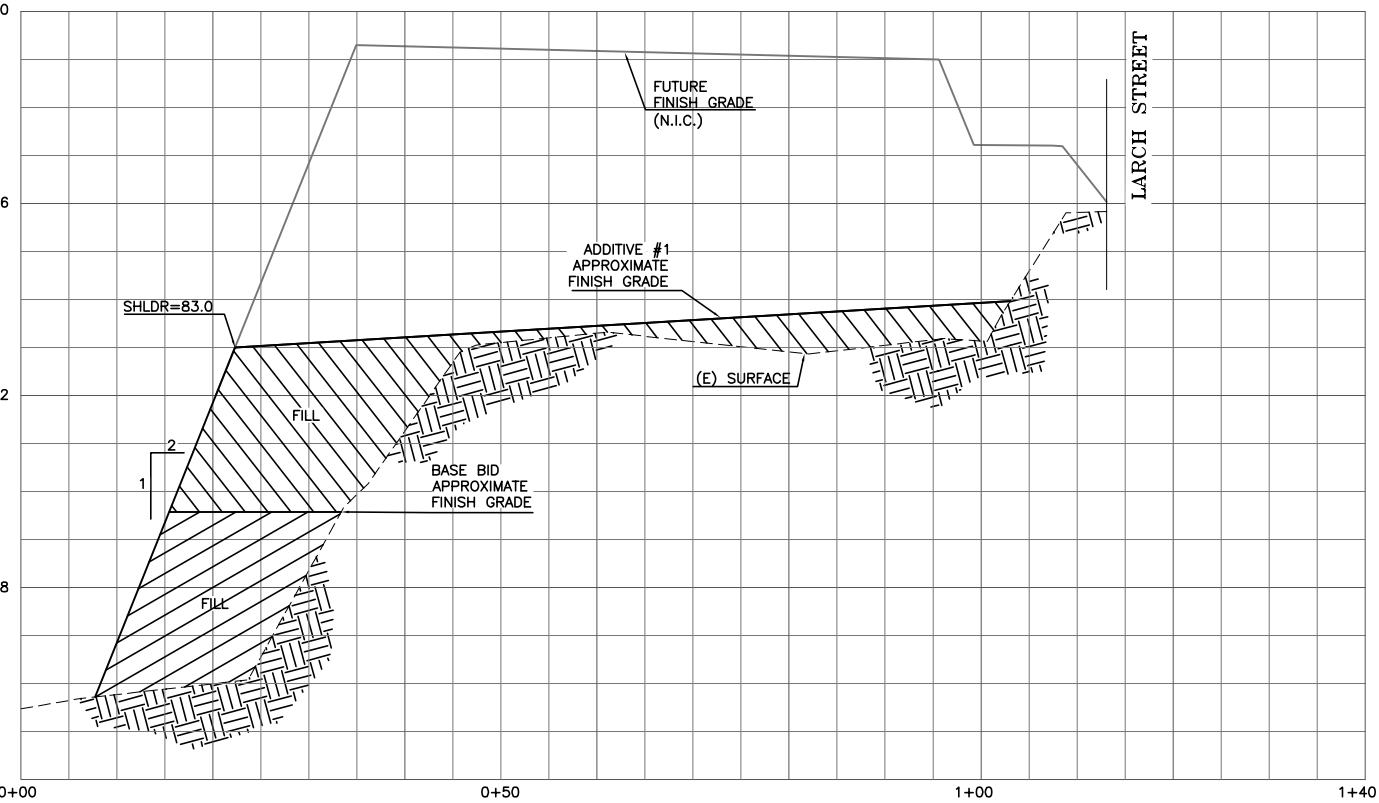
GENERAL NOTES:

1. CONTRACTOR SHALL COMPLY WITH STATE UTILITY LOCATE PROVISIONS. NO EXCAVATION SHALL BE PERFORMED WITHOUT PROPER NOTIFICATION OF UTILITIES.
2. KNOWN UTILITIES IN THE AREA OF WORK HAVE BEEN SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. NO RESPONSIBILITY IS ASSUMED BY EITHER THE OWNER OR THE CONSULTING ENGINEER FOR THE COMPLETENESS OR ACCURACY OF THE LOCATIONS, TYPE, OR NUMBER OF EXISTING UTILITIES.
3. CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING PRIOR TO START OF WORK WITH THE OWNER AND ENGINEER.
4. UNLESS OTHERWISE APPROVED BY THE OWNER, CONSTRUCTION SHALL BE DONE BETWEEN 7:00 A.M. AND 5:00 P.M., MONDAY THROUGH FRIDAY.
5. ANY INSPECTION BY THE OWNER OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES AND AGENCY REQUIREMENTS.
6. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER LOCAL REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (WASHINGTON AMENDMENTS, IF ANY). ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY.
7. CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES AND WARNING SIGNS TO PROTECT PEDESTRIANS.

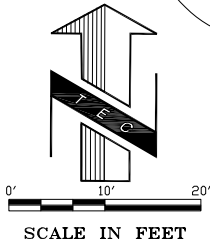
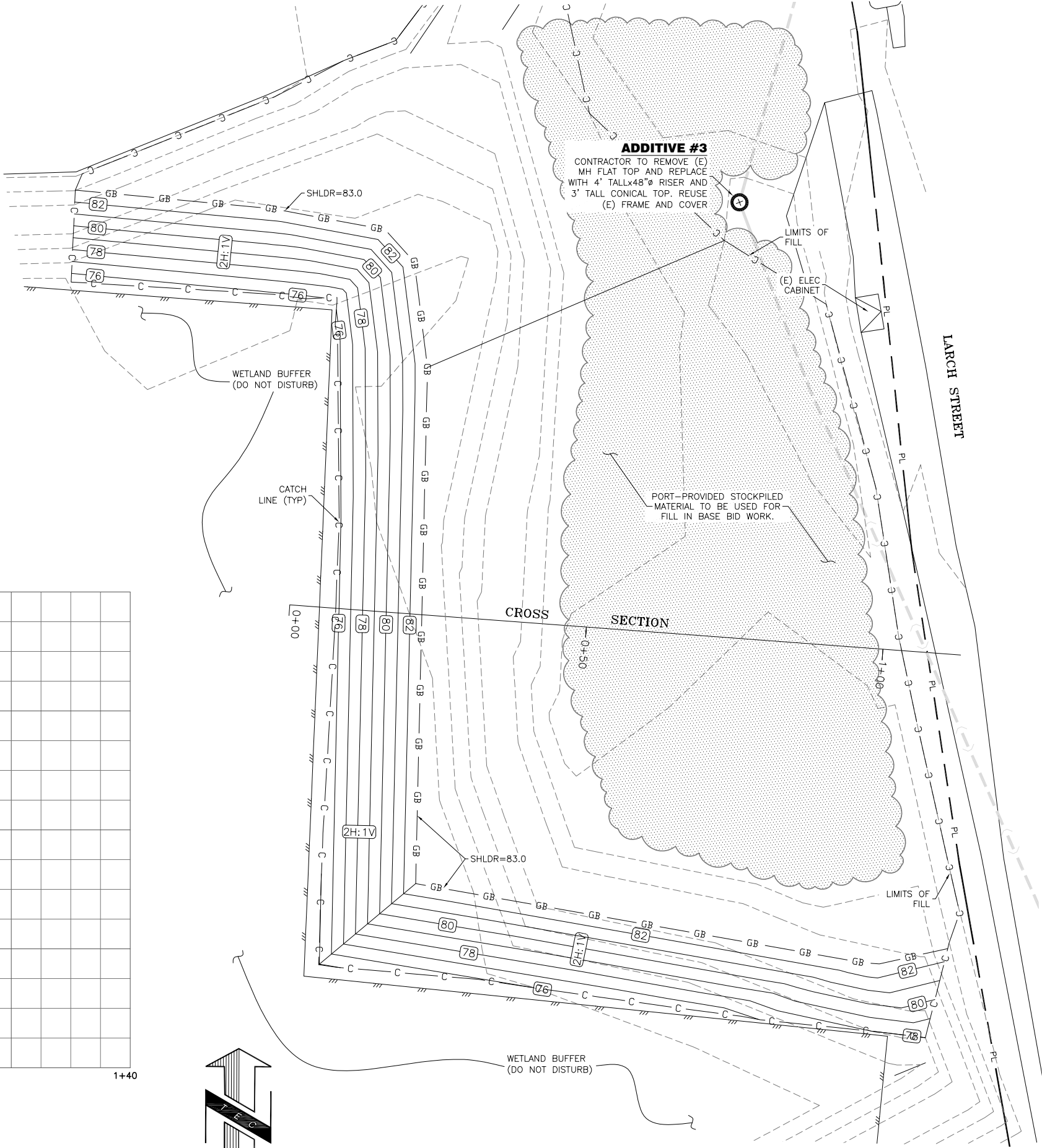
OVERALL PLAN	Design	T.E.C.	Survey	T.E.C.
	WORK	DWG. No.	K:\WORK ORDERS\16300\16363\DRAWINGS\16363_PROJECT.dwg	
	Date	06/27/2022	Drawn	T.E.C.
	Work Order No.	16149	Scale	NONE
FOR THE				
BPT LOT 9 BOUNDARY FILL PROJECT				
POK PROJECT ID #2022-03				
BINGEN, KLICKITAT COUNTY, WASHINGTON				
TENNESON ENGINEERING CORP.				
CONSULTING ENGINEERS				
3775 CRATES WAY				
THE DALLES, OREGON 97058				
PH. 541-296-9177 FAX 541-296-6657				
PLOT DATE: 6/26/2022				
FOR BID				
1"				
IF THIS BAR IS NOT ONE INCH, THEN ADJUST SCALES ACCORDINGLY.				
OVERALL PLAN				
SHEET				
C-101				
Work Order No.				
16363				

LOT 9 BOUNDARY FILL - NOTES:

1. CONTOURS SHOWN ARE AT 1.0-FOOT INTERVALS UNLESS NOTED OTHERWISE.
2. MAXIMUM SLOPE TO BE 2H:1V.
3. GRADES ARE TO BE STRAIGHT BETWEEN GRADING LIMITS AND GRADE BREAKS SHOWN.
4. BASE BID - PORT-PROVIDED FILL MATERIAL TO BE PLACED WITHIN THE EMBANKMENT AREA BEGINNING AT THE LOWEST GRADE AND EXTENT OF FILL AREA PROGRESSING UPWARD UNIFORMLY IN EVEN LIFTS UNTIL THE MATERIAL IS EXHAUSTED. ESTIMATED 450-500 C.Y. BASED ON TRUCK DUMPED PILES. VOLUME PROVIDED FOR THE CONTRACTORS CONVENIENCE ONLY - THE BASE BID WORK IS LUMP SUM.
5. ADDITIVE #1 - CONTRACTOR TO LOAD, HAUL, PLACE AND COMPACT MATERIAL STOCKPILED ON MAIN PART OF LOT 9 TO THE APPROXIMATE DESIGN GRADES. ESTIMATED 700-800 C.Y. BASED ON TRUCK DUMPED PILES. VOLUME PROVIDED FOR THE CONTRACTORS CONVENIENCE ONLY - ADDITIVE #1 IS LUMP SUM.
6. FILLS SHALL BE PLACED IN DRY WEATHER WITH PROPER CONTROLS ON MOISTURE AND COMPACTION. FILLS SHALL BE PLACED IN THIN LIFTS AND COMPACTED TO A FIRM, UNYIELDING MASS. THE THICKNESS OF THE LIFTS WILL NEED TO BE DETERMINED IN THE FIELD, AS A GENERAL RULE FOR SELF PROPELLED COMPACTORS, THE LIFTS SHALL NOT EXCEED 8 INCHES AS MEASURED IN A LOOSE CONDITION.
7. CONTRACTOR TO CONDUCT PROOF ROLLS WITH LOADED 10 CY TRUCK OR EQUIVALENT OVER EACH LIFT - TO BE OBSERVED AND APPROVED BY THE ENGINEER.
8. WATER SHALL BE USED AS NEEDED FOR DUST CONTROL DURING CONSTRUCTION ACTIVITIES.
9. REMOVE AND DISPOSE OF VEGETATION FROM LOT 9 AS DIRECTED BY OWNER. VEGETATION MAY BE PILED ON PORT PROPERTY TO THE NORTHEAST OF BINGEN HARBOR.
10. MATERIAL ON OR WITHIN 4 FEET OF FACE OF SLOPE TO HAVE NO ROCKS LARGER THAN 3" IN DIMENSION AND CONSIST OF NO MORE THAN 10% ROCKS (BY VOLUME). REMOVE ANY ROCKS GREATER THAN 24" IN DIMENSION AND STACK IN BERM AT NORTH EDGE OF LOT. AVOID 'NESTING' REMAINING ROCKS IN FILL.
11. HEAVILY COMPACT SUBGRADE WITH A 20,000 LB VIBRATORY ROLLER PRIOR TO PLACING FILL.
12. ADDITIVE #3 - CONTRACTOR TO REMOVE AND REPLACE (E) MANHOLE FLAT TOP SLAB WITH 4' TALL x 48" DIAMETER RISER AND 3' TALL CONICAL TOP. REUSE (E) FRAME AND COVER.



CROSS-SECTION
SCALE: 1"=10' H
1"=2' V



LOT 9 BOUNDARY FILL PLAN
SCALE: 1"=10'

Design	T.E.C.	Survey	T.E.C.
	DWG. No.		
K:\WORK ORDERS\16300\16363\DRAWINGS\16363_PROJECT.dwg		Date	
Date		Scale	
06/27/2022		16149	
Work Order No.		NONE	

BASE BID WORK

FOR THE

BPT LOT 9 BOUNDARY FILL PROJECT

POK PROJECT ID #2022-03

BINGEN, KLICKITAT COUNTY, WASHINGTON

TENNESON ENGINEERING CORP.

CONSULTING ENGINEERS

3775 CRATES WAY

THE DALLES, OREGON 97058

PH. 541-296-9177 FAX 541-296-6657

PLOT DATE: 6/26/2022

FOR BID

IF THIS BAR IS NOT ONE INCH, THEN ADJUST SCALES ACCORDINGLY

1"

DARRIN O. ECKMAN

STATE OF WASHINGTON

PROFESSIONAL ENGINEER

EX. DATE: 11/14/23

BASE BID

SHEET

C-111

Work Order No.

16363