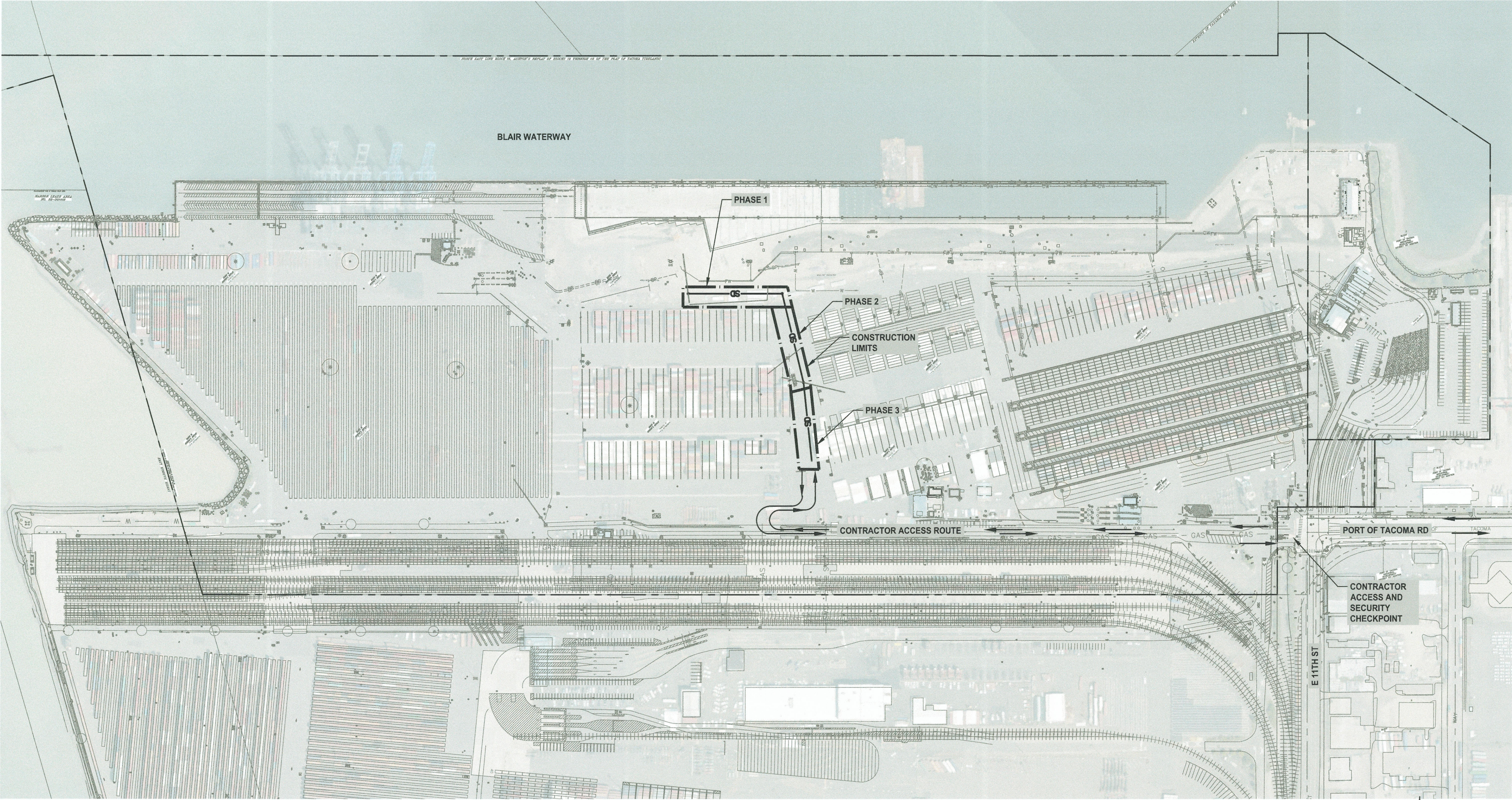




NOTES:

1. CONTRACTOR SHALL FENCE AND SEGREGATE THEIR WORK AREA FROM THE OPERATING TERMINAL.
2. CONTRACTOR SHALL COMPLETE PHASES IN CONSECUTIVE ORDER AND SHALL NOT DEVIATE FROM THE SEQUENCE UNLESS APPROVED BY THE ENGINEER.
3. CONTRACTOR SHALL COMPLETE EACH PHASE (PIPE RUN) IN ITS ENTIRETY BEFORE MOVING TO THE NEXT PHASE OF WORK.

1 SITE ACCESS AND PHASING PLAN
G01.05 SCALE: 1"=150'

TRUE NORTH
PROJECT NORTH

150' 0' 150' 300'

SCALE: 1"=150'

BID SET
ISSUED: 2019-07-31
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6614

G01.05

5 OF 12

PORT OF TACOMA
NIM STORMWATER PIPE EXTENSION
SITE ACCESS AND PHASING

SG 07-30-19
CHECKED BY: AP
DATE: 07-30-19

APPROVED: *[Signature]*
DIRECTOR ENG. DATE: 8/1/19
PRINTED BY: apatterson Jul 31, 2019
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98401-1837

CONTRACT/CONS: 071143
M. ID: 201055.02
PHASE: BID

TOWNSHIP: 21N
RANGE: 3E
SECTION: 27/28/34
VERT: MLLW 19.39 @ TIDE 22 1933
DRAWING SCALE: AS NOTED

Port of Tacoma
P.O. BOX 1807 TACOMA, WA 98101 (206) 622-0222

600 UNIVERSITY STREET
SUITE# 610
SEATTLE, WA 98101
(206) 622-0222

moffatt & nichol

MARK: REVISION: BY: APPR: DATE:

LEIF PRAY
WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
38386
7/15/2019

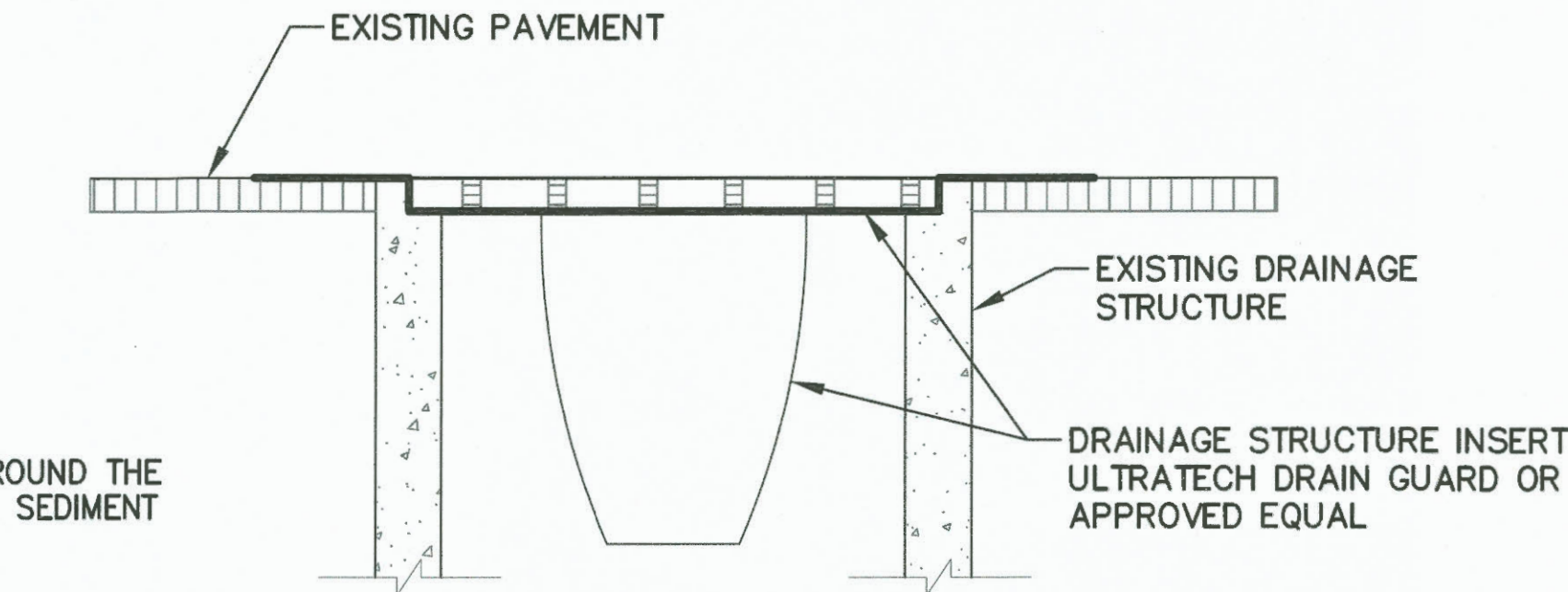
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TESC NOTES

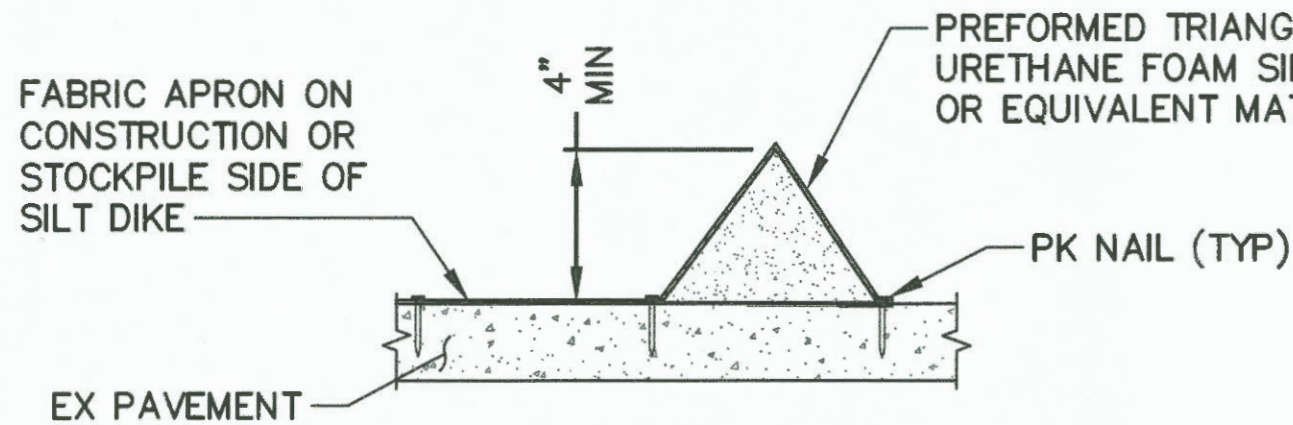
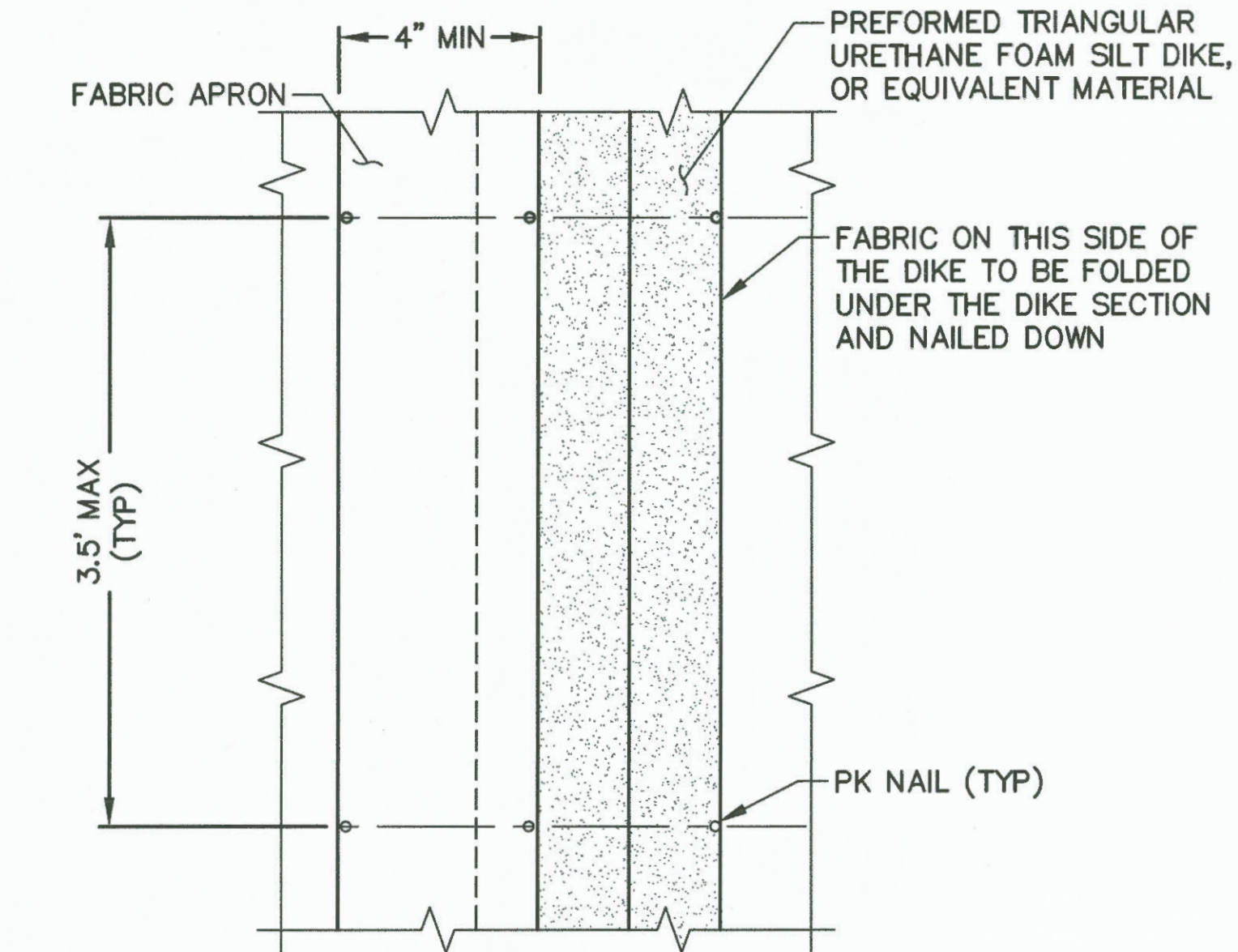
1. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED FOR THE SITE TO PREVENT ERODED SEDIMENT AND TURBID WATER FROM ENTERING THE PORT STORM DRAINAGE SYSTEM, RIGHT-OF-WAY, AND/OR ADJACENT PROPERTY DURING AND FOLLOWING CONSTRUCTION UNTIL ENTIRE SITE HAS BEEN STABILIZED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM ON-SITE EROSION CAUSING SEDIMENT TO BE DEPOSITED OFF SITE. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED IMMEDIATELY USING A METHOD ACCEPTABLE TO THE ENGINEER AND/OR THE CITY OF TACOMA. IF A SWEEPER IS USED, IT SHALL BE A REGENERATIVE AIR SWEEPER.
3. THE IMPLEMENTATION OF THESE TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED AND SHALL BE CONDUCTED IN ACCORDANCE WITH CITY OF TACOMA CONSTRUCTION STORMWATER CONTROL TECHNICAL REQUIREMENTS AND ALL OTHER APPLICABLE STANDARDS AND REGULATIONS.
4. CONTRACTOR SHALL ERECT TEMPORARY FENCING TO MARK THE BOUNDARIES OF THE PROJECT SITE (CONSTRUCTION LIMIT) SHOWN ON THESE PLANS. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CONSTRUCTION LIMITS WILL BE PERMITTED WITHOUT PRIOR APPROVAL. THE FENCING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
5. THE TESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH PAVEMENT REMOVAL AND/OR DEMOLITION ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT ERODED SEDIMENT OR TURBID WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
6. THE TESC FACILITIES DEPICTED ON THESE DRAWINGS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, THE CONTRACTOR SHOULD ANTICIPATE THAT MORE EROSION AND SEDIMENTATION CONTROL FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE PROJECT SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THE CONTRACTOR'S ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THESE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM AND AS REQUIRED BY THE ENGINEER.
7. THE TESC FACILITIES SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS NOTED IN DIVISION 01 OF THE CONTRACT SPECIFICATIONS AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING UNTIL CONSTRUCTION IS COMPLETED AND POTENTIAL FOR ON-SITE EROSION HAS PASSED.
8. IF EROSION CONTROL FACILITIES FAIL, THEY SHALL BE REPAIRED OR REPLACED IMMEDIATELY UPON RECEIVING VERBAL NOTICE OF SAID FAILURE BY THE CONTRACTOR FROM ENGINEER OR CITY OF TACOMA.
9. TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
10. REFER TO SPECIFICATION SECTION 01 57 13, PARAGRAPH 3.03B FOR REQUIREMENTS TO MAINTAIN AND CLEAN DRAINAGE STRUCTURE INSERTS. ALL DRAINAGE STRUCTURES AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO WORK COMPLETION. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
11. THE CONTRACTOR SHALL PUT PLASTIC DOWN BEFORE STOCKPILING AND PROTECT STOCK PILE AREAS FROM RELEASE OF ERODED SEDIMENT OR TURBID WATER. STOCK PILES SHALL BE COVERED WITH PLASTIC AT ALL TIMES WHILE NOT IN USE TO KEEP THE STORED MATERIAL DRY.
12. ALL DISTURBED AREAS SHALL BE STABILIZED BY ACCEPTABLE METHODS FOR THE PREVENTION OF ON-SITE EROSION AFTER COMPLETION OF CONSTRUCTION.
13. EXISTING PAVED ROADS MAY BE USED AS CONSTRUCTION ENTRANCES.
14. CONTRACTOR SHALL REMOVE ALL TEMPORARY TESC FACILITIES UPON COMPLETION OF WORK IN EACH WORK AREA.

NOTES:

1. ANY ACCUMULATED SEDIMENT ON OR AROUND THE FILTER FABRIC SHALL BE REMOVED. ALL SEDIMENT SHALL BE DISPOSED OF OFF-SITE.
2. REFER TO SPECIFICATION SECTION 01 57 13, PARAGRAPH 3.03B FOR REQUIREMENTS TO MAINTAIN AND CLEAN DRAINAGE STRUCTURE INSERTS.



1 TEMPORARY DRAINAGE STRUCTURE INSERT DETAIL
VARIES SCALE: NTS



TRIANGULAR SILT DIKE NOTES

1. PK NAILS SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF A 7-FOOT UNIT AS SHOWN ON THE DIKE PLAN.
2. ALTERNATE APPROVED HOLD DOWN DEVICE MAY BE SUBSTITUTED FOR PK NAILS (WIRE STAPLES, ETC.).

2 TEMPORARY TRIANGULAR SILT DIKE
VARIES SCALE: NTS

NOTE

1. ALTERNATE MEANS TO CONTROL SEDIMENT ON PAVEMENT MAY BE SUBSTITUTED FOR TRIANGULAR SILT DIKES SUBJECT TO ENGINEER APPROVAL.

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C01.01

6 OF 12

CONT/CONS: 071143

M. ID: 201055.02

PHASE: BID

PORT OF TACOMA

NIM STORMWATER PIPE EXTENSION

DEMO AND TESC NOTES AND DETAILS

APPROVED:

SG 07-30-19

CHECKED BY: DATE

AP 07-30-19

PROJ. ENGR. DATE

DIRECTOR ENGR. DATE

PRINTED BY: apatterson Jul. 31, 2019

PORT ADDRESS: ONE SITCOM PLAZA TACOMA, WA 98401-1837

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Port of Tacoma

P.O. BOX 1837 TACOMA, WA 98401 (206) 622-0222

DATE:

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BY:

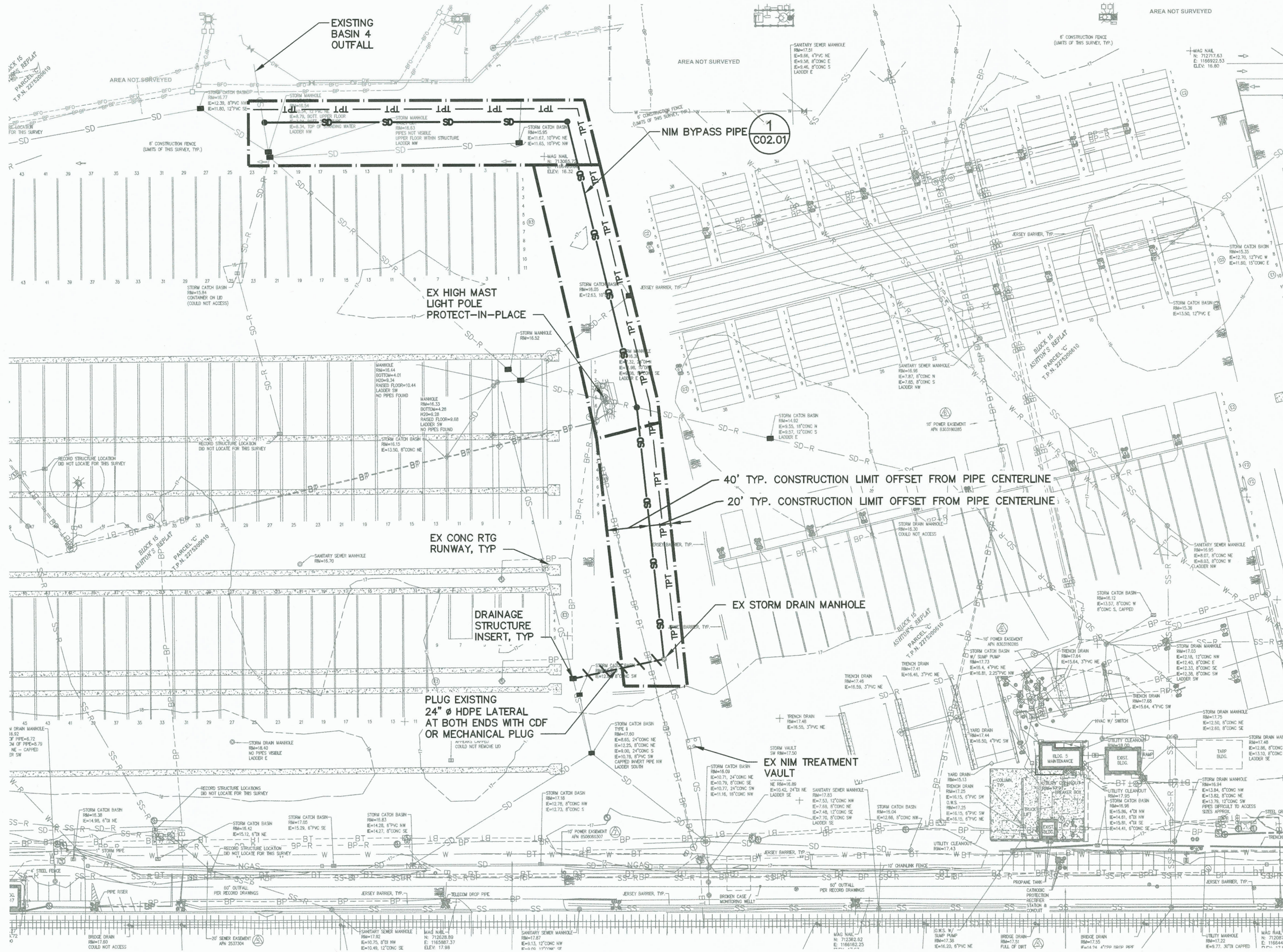
REVISION:

MARK:

7/31/2019

7/31/2019

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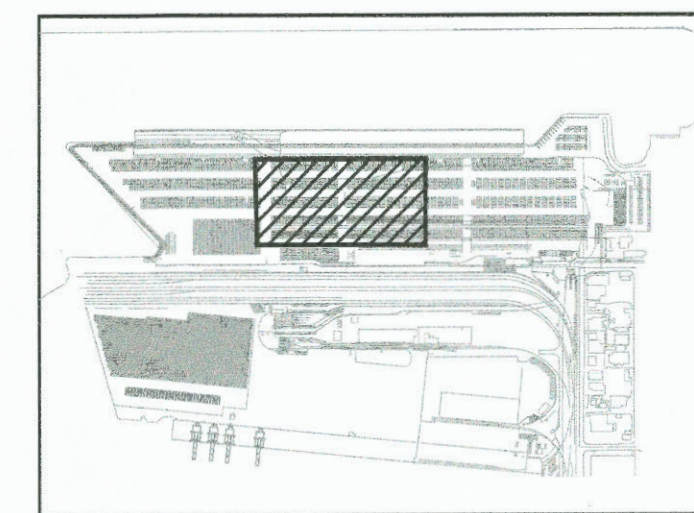
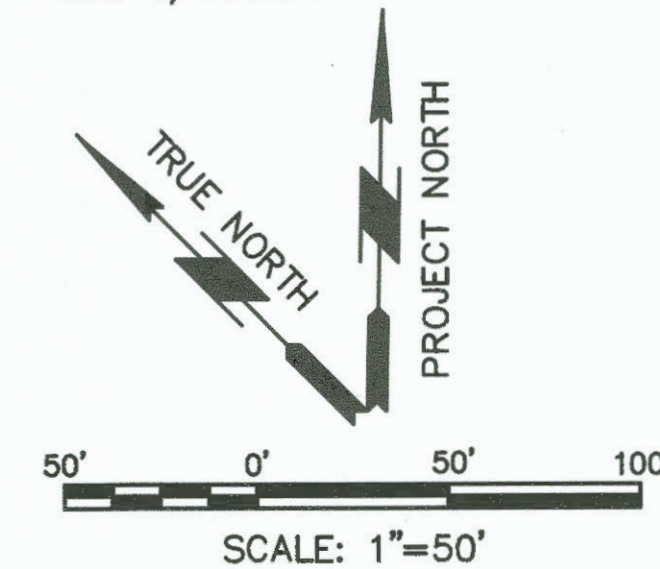
1 TESC AND DEMOLITION PLAN
C01.02 SCALE: 1"=50'

NOTES:

1. SEE SHEET C01.01 FOR TESC NOTES.
2. PLACE DRAINAGE STRUCTURE INSERTS IN ALL DRAINAGE STRUCTURES IN THE VICINITY OF THE WORK, PRIOR TO COMMENCEMENT OF WORK.
3. UTILITIES, STRUCTURES, AND SITE FEATURES NOT INDICATED FOR DEMOLITION SHALL BE PROTECTED IN PLACE.
4. SEE REFERENCE DOCUMENTS FOR EXISTING UTILITY INFORMATION.
5. DEMOLITION DRAWINGS DO NOT INCLUDE SAWCUTTING AND PAVEMENT REMOVAL REQUIRED FOR UTILITY WORK. REFER TO DRAINAGE AND UTILITY SHEETS FOR EXTENT OF UTILITY WORK.

LEGEND

- DECOMMISSION EXISTING STORM DRAIN
- CONSTRUCTION LIMITS
- TESC PERIMETER TREATMENT SEE 2/C01.01
- TEMPORARY DRAINAGE STRUCTURE INSERT SEE 1/C01.01



KEY PLAN

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	DIRECTOR ENGR. DATE: 07-30-19	AP: 07-30-19	DATE
	MARK: REVISION:	BY: 07-30-19	DATE
	DATE: 07-30-19	DATE	DATE
	PROJECT: 21N	RANGE: 3E	SECTION: 27/28/34
	TOWNSHIP: 21N	RANGE: 3E	SECTION: 27/28/34
6614 C01.02 7 OF 12	DAT-HRZ: WAB3-SF	VERT: MLLW 19.39' @ TIDE 22 1933	DATE: 201005.02
	DATE: 201005.02	DATE: 201005.02	DATE: 201005.02
PHASE: BID	DRAWING SCALE: AS NOTED	TACOMA, WA 98401-1837	THIS DRAWING IS THE PROPERTY OF THE PORT OF TACOMA AND SHALL NOT BE USED ON OTHER WORK, DISCLOSED, COPIED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION