

PORT OF TACOMA

ENVIRONMENTAL CAP REPAIRS - PARCEL 47

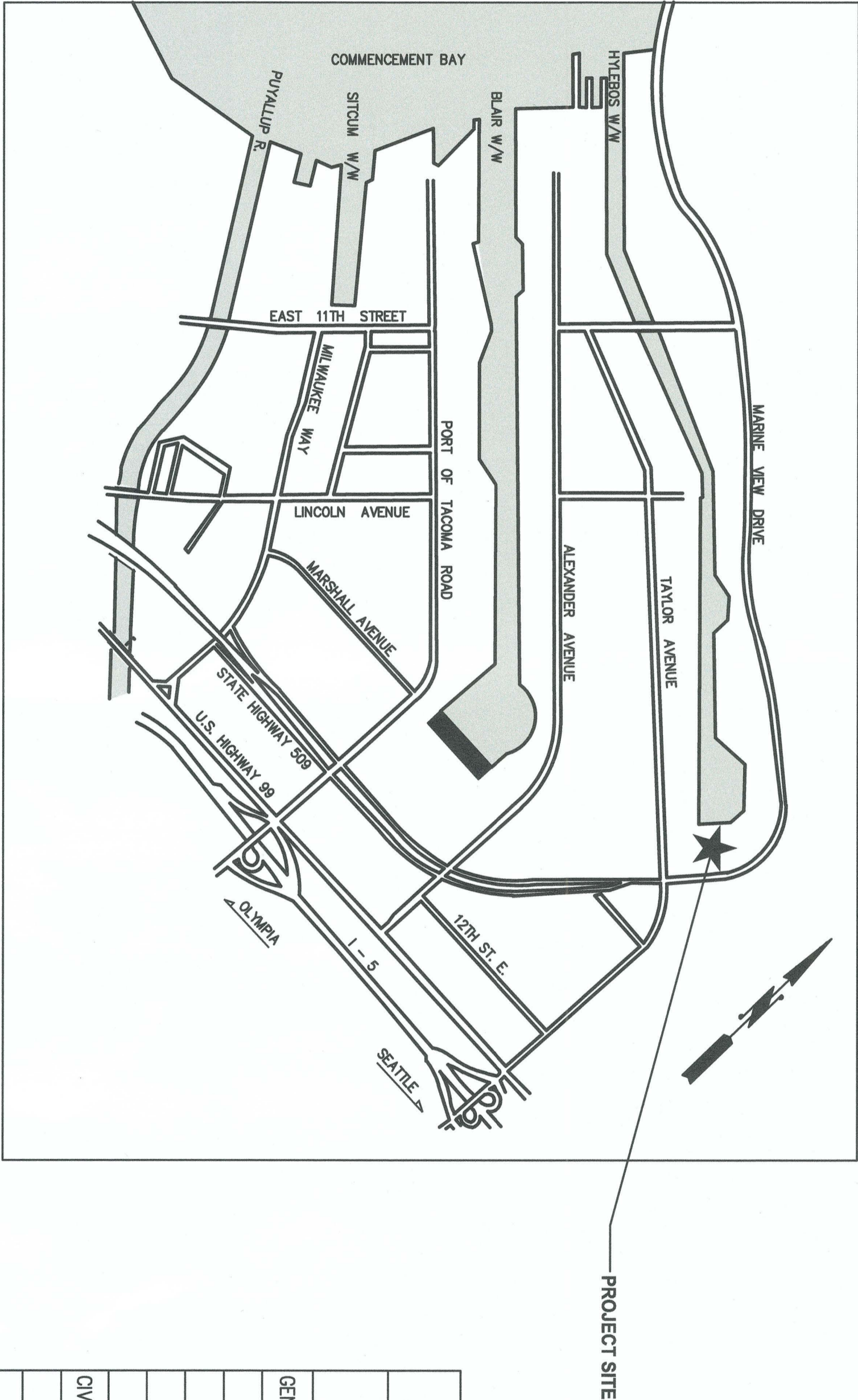
PROJECT NO. 101072.01
CONTRACT NO. 070542

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<div>6562</div> <div>G1.0</div> <div>SHEET 1 OF 10</div>	ENVIRONMENTAL CAP REPAIRS - PARCEL 47			APPROVED:	SWK 08/17/17 CHECKED BY DATE		<div>kppff</div> <div>2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162</div>				
	COVER SHEET			<i>Jane Vandenberg</i> 8/21/17 DIRECTOR ENGR DATE	RGC 08/17/17 PROJ. ENGR DATE						
	CONT/CONS: 070542	TOWNSHIP: 21	RANGE: 03	SECTION: 36	PRINTED BY: rchandler Aug 17, 2017				PORT ADDRESS: ONE SITCUM PLAZA		
	M. ID:	DAT-HRZ: AS SHOWN	VERT: PORT OF TACOMA	PARCEL: 5000350470	DRAWING SCALE: AS SHOWN				TACOMA, WA 98401-1837		
PHASE: BID SET							MARK:	REVISION:	BY:	APPR:	DATE:

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PROJECT PERMITS AND ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS PERTAINING TO DEMOLITION AND DISPOSAL.
2. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A DETAILED WORK PLAN, INCLUDING, DEMOLITION PRIOR TO COMMENCING WORK, SEE SPECIFICATIONS.
3. THE CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE SCOPE OF WORK. UNLESS OTHERWISE SHOWN THEY DO NOT INDICATE THE METHOD OF WORK. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.
4. THE CONTRACTOR SHALL KEEP ALL STREETS, TERMINAL AREAS, AND VEHICULAR TRAFFIC AREAS CLEAN.
5. CONTRACTOR IS RESPONSIBLE FOR ANY TRAFFIC CONTROLS REQUIRED DURING THE DURATION OF THIS PROJECT, SEE SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PERIMETER FENCING AS REQUIRED TO MAINTAIN SECURITY OF SITES.
7. CONTRACTOR SHALL PROTECT-IN-PLACE ALL STRUCTURES, UTILITIES AND OBJECTS NOT CALLED OUT AS BEING DEMOLISHED ON THE PLANS. ANY DAMAGE TO ITEMS NOT BEING DEMOLISHED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO STRICTLY CONTAIN THE WORK WITHIN THE LIMITS SHOWN ON THE DRAWINGS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY DAMAGE TO UTILITIES, OTHER FACILITIES, OR EQUIPMENT DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE PROMPTLY REPAIRED AT HIS EXPENSE. THIS INCLUDES ITEMS OUTSIDE THE WORK AREA THAT ARE DAMAGED BY CONSTRUCTION ACTIVITIES DURING EXECUTION OF THIS CONTRACT.
9. ALL LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREIN HAVE BEEN ESTABLISHED BY FIELD OBSERVATIONS OR OBTAINED FROM REVIEW OF AVAILABLE RECORDS AND SHOULD, THEREFORE, BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID OTHER UTILITIES NOT SHOWN HEREIN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE CONTRACTOR SHALL BRING ANY CONFLICTS BETWEEN EXISTING UTILITIES AND NEW WORK TO THE ENGINEER'S ATTENTION. UTILITY LOCATE PHONE NUMBER 1-800-424-5555.
10. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
11. EXTENT OF DEBRIS REMOVAL IS APPROXIMATE AND IS TO BE VERIFIED BY THE ENGINEER PRIOR TO COMPLETION OF WORK. WOOD DEBRIS LARGER THAN 12" WITHIN WORK CLEARING LIMITS MUST REMAIN IN PLACE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
12. PRIOR TO COMMENCING DEMOLITION ACTIVITIES CONTRACTOR SHALL IMPLEMENT TEMPORARY EROSION AND SEDIMENTATION CONTROLS. NO DEMOLITION MATERIALS OR DEBRIS SHALL BE ALLOWED TO ENTER THE WATERWAY, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ABBREVIATIONS

#	NUMBER
Ø	DIAMETER
AB	EACH WAY
AC	AT
ADJ	ADJACENT
ADJL	ADJACENT
ADMN	ADMINISTRATION
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APP or APPRO	APPROVED
APPROX	APPROXIMATE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATB	ASPHALT TREATED BASE
AUTO	AUTOMATIC, AUTOMOBILE
AVE	AVENUE
AVG	AVERAGE
AWA	AMERICAN WELDING SOCIETY
AWWA	AMERICAN WATER WORKS ASSOCIATION
BFO	BURIED FIBER OPTIC
BLDG	BUILDING
BM	BENCH MARK or BEAM
BMP or BMP'S	BEST MANAGEMENT PRACTICES
BOM	BOTTOM
BRG	BEARING
BRZ	BRONZE
BTW or BTWN	BETWEEN
CY	CUBIC YARD
CAB	CRUSHED AGGREGATE BASE
CB	CATCH BASIN
CFS	CUBIC FEET PER SECOND
CL, &	CENTER LINE or CLASS
CLR	CLEAR or CLEARANCE
CMB	CRUSHED MISCELLANEOUS BASE
CONC	CONCRETE
CONST	CONSTRUCT
CONT	CONTINUE or CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CSBC	CRUSHED SURFACING BASE COURSE
CTR	CENTER
DEMO	DEMOLITION
DIA	DIAMETER
DWG	DIAGONAL
DM	DIMENSION
DTL	DETAIL
DOE	DEPARTMENT OF ECOLOGY
DWG	DRAWING
DWY	DRIVEWAY
E	EAST or EASTING
EA	EACH
EG	EXISTING GRADE
EL or ELEV	ELEVATION
ELEC or ELECT	ELECTRICAL
ENGR	ENGINEER
EP	EDGE OF PAVEMENT
ETC	ET CETERA

ABBREVIATIONS CONTINUED

EX or EXIST	EXISTING
EW	EACH WAY
FG	FINISH GRADE
FH	FIRE HYDRANT
FM	FINISH
FS	FORCE MAIN
FSM	FINISHED SURFACE
FT	FOOT, FEET
FTZ	FOREIGN TRADE ZONE
G	GAS
GALV	GALVANIZED
GS	GEOGRAPHIC INFORMATION SYSTEM
GPS	GLOBAL POSITIONING SYSTEM
GV	GATE VALVE
H or HORIZ	HORIZONTAL
HZMAT	HAZARDOUS MATERIALS
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HP	HIGH PRESSURE or HIGH POINT
HT	HEIGHT
ID	INSIDE DIAMETER
IE, "	INVERT ELEVATION
IN, "	INCH
INFO	INFORMATION
INV	INVERT
L	LENGTH
LF	LINEAL FOOT
LH	LEFT HAND
LN	LINEAL or LINEAR
LOL	LAYOUT LINE
LP	LOW POINT
LT	LEFT
LTP	LIGHT POLE
MAX	MAXIMUM
MH	MANHOLE
MIL	MILLIMETER
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH or NORTHING
NE	NORTH-EAST
NGAS	NATURAL GAS
NIC	NOT IN CONTRACT
No., NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
NW	NORTH-WEST
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHH	OVERHEAD
P/L or PL	PROPERTY LINE
PB	PULL BOX
PCC	PORTLAND CEMENT CONCRETE
PG	PERFORMANCE GRADE
PL	PLATE
POT	PORT OF TACOMA
PP	POWER POLE

ABBREVIATIONS CONTINUED

PROP	PROPOSED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT or POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PWT	PAVEMENT
R	RADIUS
R/W or ROW	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REF	REFERENCE
REINF	REINFORCE or REINFORCING
REND	REQUIRED
RR	RAILROAD
RT	RIGHT
S	SLOPE
SCH or SCHED	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SE	SOUTH-EAST
SECT	SECTION
SERV	SERVICE
SHT	SHEET
SM	SIMILAR
SPECS	SPECIFICATIONS
SQ	SQUARE
SQFT	SQUARE FEET
SS	SANITARY SEWER
SSWH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STL	STEEL
SW	SOUTH-WEST
SYM	SYMMETRIC or SYMBOL
TB	THRUST BLOCK
TBM	TEMPORARY BENCH MARK
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TAB	TOP AND BOTTOM
TG	TOP OF GRADE
TOS	TOP OF BANK
TOS	TOP OF SLOPE
TPU	TOP OF PIPE or TOP OF SLOPE
TR	TACOMA PUBLIC UTILITIES
TW	TRACK
TYP	TOP OF WALL
UNO	TYPICAL
UV	UNLESS NOTED OTHERWISE
V	VERTICAL
VAR	VARIABLE or VARIES
VERT	VERTICAL
W	WATER, WEST, WIDTH
W/O	WITHOUT
WSOOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

6562

G2.0

SHEET 2 OF 10

CONT/CONS: 070542

M. ID:

PHASE: BID SET

ENVIRONMENTAL CAP REPAIRS - PARCEL 47

GENERAL NOTES & ABBREVIATIONS

TOWNSHIP: 21

RANGE: 03

SECTION: 36

DAT-HRZ: AS SHOWN

VERT: PORT OF TACOMA

DRAWING SCALE: AS SHOWN

APPROVED:

SWK 08/17/17

CHECKED BY DATE

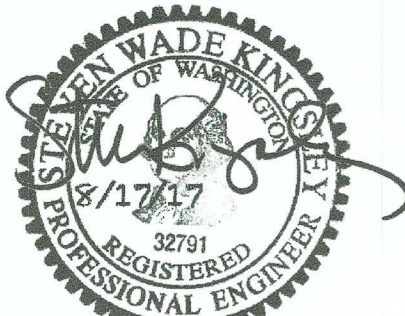
RGCC 08/17/17


PROJ. ENGR DATE

PRINTED BY: rchandler Aug 17, 2017

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837





2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

MARK:

REVISION:

BY:

APPR:

DATE:

MATCH LINE - SEE SHEET G3.1

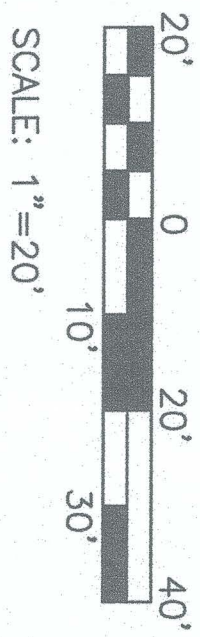





NOTES:

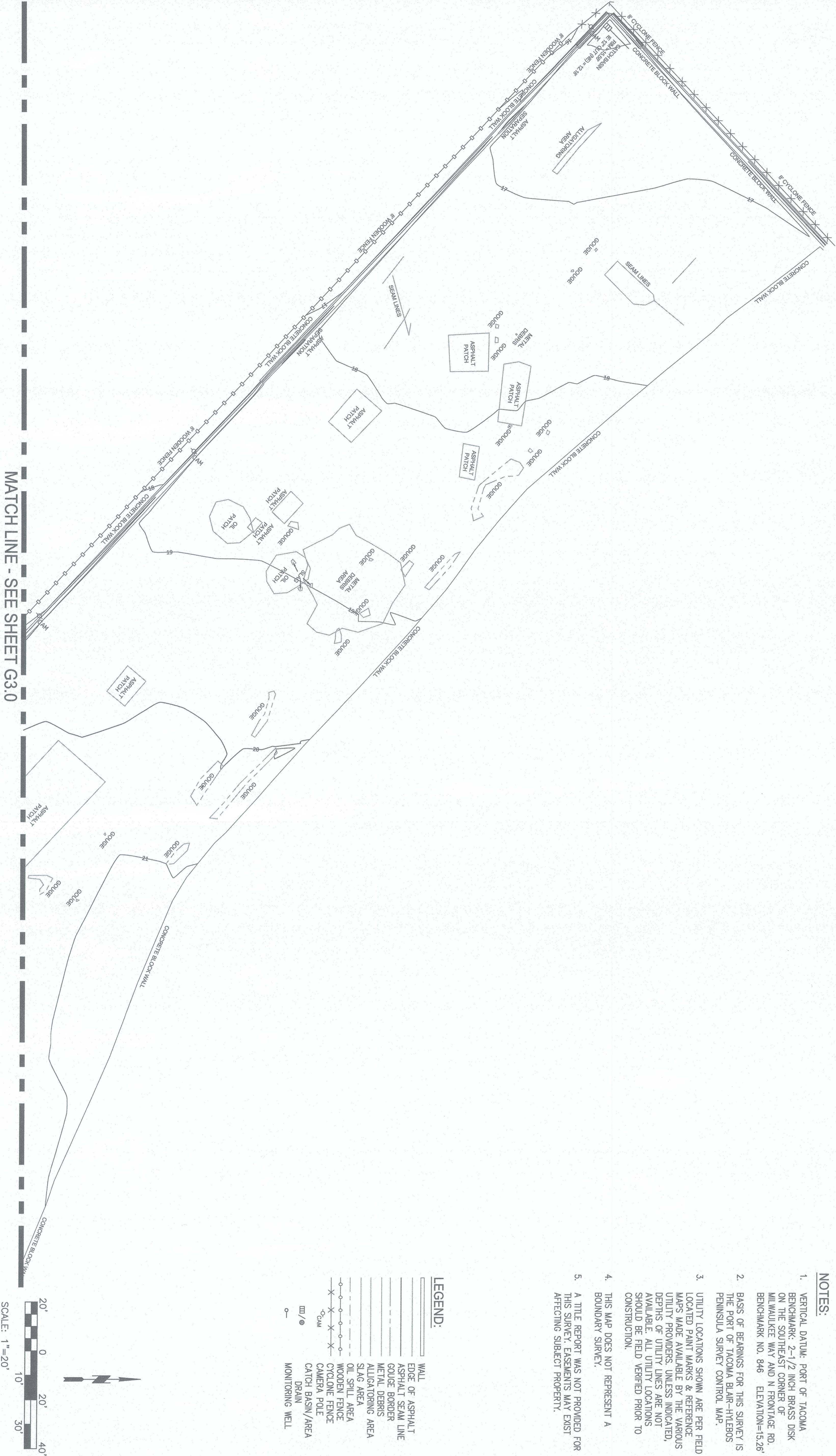
1. VERTICAL DATUM: PORT OF TACOMA BENCHMARK: 2-1/2 INCH BRASS DISK ON THE SOUTHEAST CORNER OF MILWAUKEE WAY AND N FRONTAGE RD. BENCHMARK NO. 846 ELEVATION=15.26'
2. BASIS OF BEARINGS FOR THIS SURVEY IS THE PORT OF TACOMA BLAIR-HYLEBOS PENINSULA SURVEY CONTROL MAP.
3. UTILITY LOCATIONS SHOWN ARE PER FIELD LOCATED PAINT MARKS & REFERENCE MAPS MADE AVAILABLE BY THE VARIOUS UTILITY PROVIDERS. UNLESS INDICATED, DEPTHS OF UTILITY LINES ARE NOT AVAILABLE. ALL UTILITY LOCATIONS SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY.
5. A TITLE REPORT WAS NOT PROVIDED FOR THIS SURVEY. EASEMENTS MAY EXIST AFFECTING SUBJECT PROPERTY.

LEGEND:

- WALL
- EDGE OF ASPHALT
- ASPHALT SEAM LINE
- GOUGE BORDER
- METAL DERRIS
- ALIGNING AREA
- SLAG AREA
- OIL SPILL AREA
- WOODEN FENCE
- CYCLONE FENCE
- CAMERA POLE
- CATCH BASIN/AREA DRAIN
- MONITORING WELL



6562 G3.0 SHEET 3 OF 10		ENVIRONMENTAL CAP REPAIRS - PARCEL 47		APPROVED: SWK 08/17/17 CHECKED BY DATE		 4171207	 2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162	 P.O. BOX 1837 TACOMA, WA 98401 (253) 385-5941	
SURVEY AREA 1		<i>James VanDyke 8/21/17</i> DIRECTOR ENGR DATE		RGC 08/17/17					
				PROJ. ENGR DATE					
				PRINTED BY: jdavis Aug 17, 2017					
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- LEGEND:**
- WALL
 - EDGE OF ASPHALT
 - ASPHALT SEAM LINE
 - GOUGE BORDER
 - METAL DEBRIS
 - ALLIGATORING AREA
 - SILG AREA
 - OIL SPILL AREA
 - WOODEN FENCE
 - CYCLONE FENCE
 - CAMERA POLE
 - CATCH BASIN/AREA
 - DRAIN
 - MONITORING WELL

<div>6562</div> <div>G3.1</div> <div>SHEET 4 OF 10</div>		<div>ENVIRONMENTAL CAP REPAIRS - PARCEL 47</div> <div>SURVEY AREA 2</div>		<div>APPROVED:</div> <div><div>SWK 08/17/17</div><div>CHECKED BY DATE</div></div> <div><div>RGC 08/17/17</div><div>PROJ. ENGR DATE</div></div>		<div><div><div>6/1/2017</div><div>6/1/2017</div></div><div><div>STATE OF WASHINGTON</div><div>PROFESSIONAL ENGINEER</div><div>TRACY A. DAVIS</div><div>NO. 4947</div><div>EXPIRATION DATE 4/1/18</div></div></div>	<div><div>kpff</div><div>2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162</div></div>	<div><div>Port of Tacoma</div><div>P.O. BOX 1837 TACOMA, WA 98401 (253) 385-8841</div></div>
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