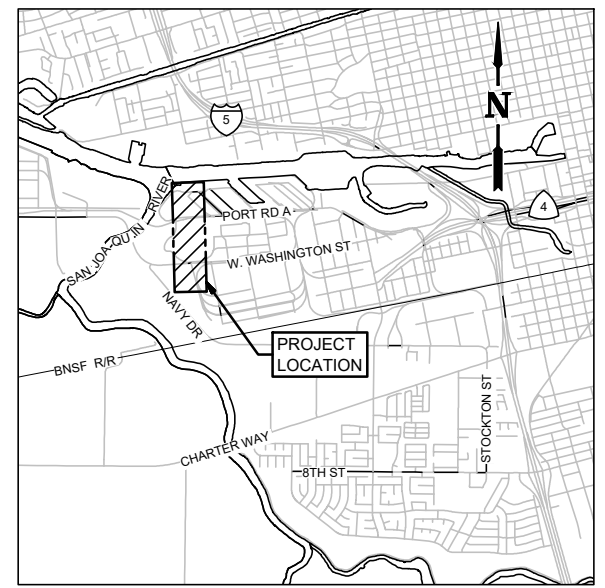


STOCKTON, CA PORT OF STOCKTON HDD PIPELINE RELOCATION

12"



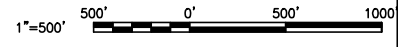
VICINITY MAP
N.T.S.



PLAN
1" = 500'

DRAWING LIST		
GENERAL		
DWG. NO.	REV	DESCRIPTION
7387-G-001	0	TITLE SHEET & DRAWING INDEX
7387-G-002	0	GENERAL NOTES, DETAILS & ABBREVIATIONS
PLAN & PROFILE		
DWG. NO.	REV	DESCRIPTION
7387-A-101	1	ALIGNMENT
HDD DETAILS		
DWG. NO.	REV	DESCRIPTION
7387-P-110	0	PROPOSED HDD ENTRY POINT WORK AREA
7387-P-111	0	PROPOSED HDD EXIT POINT WORK AREA
7387-P-112	0	PROPOSED HDD PIPE STRING LAYOUT

ISSUED FOR
CONSTRUCTION
MAY 29, 2020



NOTES:
1) CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.

REFERENCE DRAWINGS:

NO.	REVISION	BY	DATE	APR	T.C.M.	O.E.
0	ISSUED FOR CONSTRUCTION	NVK	05/29/20	TCM	OE	

PROJECT LOCATION: PORT OF STOCKTON
DRAWN BY: S. SANCHEZ **DATE:** 10/05/18
CHECKED: F. SEVILLANO **DATE:** -
APPROVED: - **DATE:** -
SCALE: 1" = 500'

**STOCKTON, CA
PORT OF STOCKTON - 12" HDD
TITLE SHEET & DRAWING INDEX**

ORIGINAL PROJECT NO.
DRAWING NO. 7387-G-001 **REV. 0**

S:\7387\7387-G-001.dwg Aug 18, 2020 - 4:47pm

SCOPE OF WORK:

- INSTALL 2737 R. OF 12.75 INCH DIAMETER, 0.500 INCH WALL THICKNESS STEEL PIPE VIA HORIZONTAL DIRECTIONAL DRILL.
- DRILL ENTRY POINT IS LOCATED NEAR THE INTERSECTION OF PORT ROAD D AND PORT ROAD B AND IS ROUTED SOUTH TO THE STOCKTON TERMINAL LOCATED ON STORK ROAD.
- DRILL ENTRY ANGLE IS 10 DEGREES AND EXIT ANGLE IS 10 DEGREES. PIPE SHALL MAINTAIN A MINIMUM DEPTH AND HORIZONTAL TRAJECTORY AS SHOWN ON THE DESIGN DRAWINGS.
- ENTRY AREA WORK SPACE IS 150 FEET BY 150 FEET AS SHOWN ON DRAWINGS AND SHALL BE DELINEATED BY CONTRACTOR PER PERMIT REQUIREMENTS.
- PIPE FOR HDD SHALL BE STRUNG AND ASSEMBLED ON STORK ROAD AND OPEN AREA SOUTH OF THE TERMINAL WITH ACCESS MAINTAINED FOR EXISTING RAIL SERVICING THE TERMINAL AS SHOWN ON THE DRAWINGS.
- UPON COMPLETION OF HDD WORK, CONTRACTOR SHALL SUPPLY RECORD INFORMATION TO SHOWING FINAL PLACEMENT OF THE PIPELINE.

GENERAL:

- DESIGN CODE AND GENERAL REQUIREMENTS:
 - ANY APPLICABLE CITY OR COUNTY BUILDING CODES, LATEST REVISION.
 - CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT (CAL/OSHA).
 - CALIFORNIA STATE INDUSTRIAL SAFETY ORDERS.
 - SPECIFICATIONS.
 - ASME B31.4 (LATEST EDITION) - LIQUID TRANSPORTATION SYSTEMS FOR HYDROCARBONS (ETC).
 - U.S. D.O.T. 49CFR195 (LATEST EDITION) - TRANSPORTATION OF HAZARDOUS LIQUIDS BY PIPELINE.
- THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE SAN JOAQUIN COUNTY FIRE DEPARTMENT, CALIFORNIA WATER QUALITY CONTROL BOARD (LOCAL REGION), SAN JOAQUIN AIR POLLUTION CONTROL DISTRICT AND ANY OTHER APPLICABLE CITY, STATE, OR FEDERAL AGENCY REQUIREMENTS.
- COORDINATE ALL WORK WITH PROJECT ENGINEER.
- ALL WORK SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
- ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A) AT LEAST 48 HOURS PRIOR TO BEGINNING WORK IN THIS AREA. IF WORK CONTINUES IN THIS AREA BEYOND 14 DAYS, CONTRACTOR SHALL AGAIN NOTIFY U.S.A. PHONE: 811.
- ALL SUGGESTED CHANGES OR MODIFICATIONS TO THE DESIGN SHOWN ON THESE CONSTRUCTION DOCUMENTS MUST HAVE WRITTEN APPROVAL FROM AN OWNERS REPRESENTATIVE PRIOR TO MAKING ANY SUCH MODIFICATIONS.
- THE LOCATIONS OF THE SUBSTRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS. THERE IS NO ASSURANCE THAT THE RECORD INFORMATION IS ACCURATE, OR THAT ALL EXISTING SUBSTRUCTURES ARE SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR TAKING THE NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE SUBSTRUCTURES SHOWN AND ANY OTHER SUBSTRUCTURES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- PRIOR TO SAW CUTTING FOR TRENCH IN PAVED AREAS, CONTRACTOR SHALL POTHOLE ALONG PIPELINE ROUTE TO CONFIRM THAT ROOM EXISTS FOR PIPELINE INSTALLATION WITH A MINIMUM OF 1 FOOT OF CLEARANCE TO ALL EXISTING SUBSTRUCTURES. POTHOLES SHALL BE DONE AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION IN THAT AREA. IF IT IS FOUND THAT A CONFLICT EXISTS BETWEEN SUBSTRUCTURES AND THE PIPELINE, THE CONTRACTOR SHALL SUBMIT DETAILS FOR ADJUSTING THE HORIZONTAL ALIGNMENT OF THE PIPELINE IN ORDER TO ELIMINATE THE CONFLICT.
- TIE-IN DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING CURBING, PAVEMENT, UNDERGROUND AND ABOVE GROUND FACILITIES, LANDSCAPING, AND OTHER FACILITIES ON THE PROJECT AND SHALL REPAIR ANY DAMAGE AT NO COST AND TO THE SATISFACTION OF THE COMPANY AS WELL AS APPROPRIATE PERMITTING AGENCIES.
- CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THE WORK DURING CONSTRUCTION.
- CONTRACTOR SHALL BE APPROVED BY THE CITY, OR OTHER GOVERNMENT AGENCY HAVING JURISDICTION OVER THIS DEVELOPMENT.
- CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION DIMENSIONS. CONTRACTOR SHALL CONTACT ENGINEERING FOR ANY INCORRECT OR MISSING DIMENSIONS.
- THE OWNER SHALL HAVE THE RIGHT TO MAKE CERTAIN CHANGES IN THE WORK AND THE CONTRACT AMOUNT SHALL BE ADJUSTED ACCORDINGLY. ALL SUGGESTED CHANGES OR MODIFICATIONS TO THE DESIGN SHOWN ON THESE CONSTRUCTION DOCUMENTS MUST HAVE WRITTEN APPROVAL FROM AN OWNER REPRESENTATIVE PRIOR TO MAKING ANY SUCH MODIFICATIONS. THE CONTRACTOR IS INSTRUCTED NOT TO ACCEPT VERBAL AUTHORIZATIONS AND ASSUMES ANY AND ALL LIABILITY FOR NOT COMPLYING WITH THIS PROCEDURE IN ITS ENTIRETY. AS A RESULT, THE CONTRACTOR MAY BE REQUIRED TO REVAMP ANY UNAUTHORIZED MODIFICATIONS TO COMPLY WITH THE DESIGN SHOWN ON THESE CONSTRUCTION DOCUMENTS, AT NO ADDITIONAL COST. NO EXCEPTIONS WILL BE PERMITTED.
- CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL GRADES, DIMENSIONS, AND EXISTING CONDITIONS PRIOR TO BIDDING AND COMMENCING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL WORK, INCLUDING THAT OF ALL SUB-TRADES.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND WITHIN THE CONTRACT DOCUMENTS.
- CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS ACCUMULATED AS A RESULT OF THEIR OPERATION. ALL SCRAP, DEBRIS, AND OTHER EXCESS MATERIAL SHALL BE REMOVED FROM THE BUILDING SITE.
- CONTRACTOR SHALL FURNISH ALL MATERIALS AS SHOWN HEREIN UNLESS EQUAL ALTERNATES ARE APPROVED IN WRITING BY THE OWNER AND ENGINEER.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND PROVIDING BRACING DURING CONSTRUCTION AND/OR ERECTION TO SUPPORT ALL LOADS TO WHICH THE STRUCTURE AND SUPPORTING SOIL MAY BE SUBJECTED.
- ANY REFERENCE TO THE WORDS APPROVE, APPROVED, OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUBCONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.
- CONTRACTOR SHALL VERIFY AND DOCUMENT THE LOCATION OF ALL UNDERGROUND LINES WITHIN THE AREAS OF PROPOSED CONSTRUCTION.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN A DAILY RECORD OF ALL DEVIATIONS FROM THE BID DRAWINGS. ALL DIMENSIONS AND OTHER INFORMATION NECESSARY TO COMPLETELY EXPLAIN AND LOCATE ALL ELEMENTS OF THESE DEVIATIONS SHALL BE RECORDED. UPON COMPLETION OF WORK, CONTRACTOR SHALL SUBMIT TO OWNER'S REPRESENTATIVE ONE COMPLETE SET OF DRAWINGS CORRECTED TO REFLECT "AS-BUILT" CONDITIONS OF THE WORK. NOTES AND DETAILS ON DESIGN DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL.
- CONTRACTOR SHALL COORDINATE WITH SURVEY CREW TO COLLECT ALL AS-BUILT DATA BEFORE BACK FILLING TRENCH.

HDD NOTES:

- CONTRACTOR SHALL MAINTAIN A MINIMUM BEND RADIUS OF NO LESS THAN 1200 FT.
- FOR PIPELINE STRING-OUT FABRICATION, CONTRACTOR SHALL MAINTAIN ACCESS TO RAIL SPURS AT ALL TIMES AND SHALL NOT BE ALLOWED TO BLOCK TRACKS, WITH PIPE OR EQUIPMENT. DURING PULLBACK OPERATIONS, CONTRACTOR SHALL COORDINATE WITH AND RAILROAD TO ALLOW TEMPORARY CLOSURE TO ASSEMBLE FINAL PIPE STRING.
- CONTRACTOR SHALL PRETEST PIPE SUB-STRINGS PRIOR TO PULLBACK AND RADIOGRAPH FINAL WELD CONNECTION OF PIPE STRINGS.
- CONTRACTOR SHALL MAINTAIN ONE LANE OF ACCESS TO FIRE HYDRANTS LOCATED ON THE EAST SIDE OF THE STRING OUT AREA ALONG THE PERIMETER OF THE TERMINAL AT ALL TIMES. PIPE SHALL BE STRUNG ON WEST SIDE OF STORK ROAD.
- CONTRACTOR SHALL COORDINATE WITH AND PORT TO PROVIDE TEMPORARY SECURITY FENCING AROUND THEIR WORK AREAS INCLUDING THE SOUTH STRING AREA.

FIRE DEPARTMENT REQUIREMENTS:

- ALL NEW CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FIRE DEPARTMENT REGULATIONS.
- ALL PIPING SYSTEMS SHALL BE LABELED IN ACCORDANCE WITH ANSI A-13.1 AND SPECIFICATIONS.
- VEHICULAR ACCESS SHALL BE MAINTAINED DURING CONSTRUCTION.

ABBREVIATIONS:

ABAN	ABANDONED
A/G	ABOVE GRADE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
API	AMERICAN PETROLEUM INSTITUTE
APPROX	APPROXIMATE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BC	BEGIN CURVE
BDRY	BOUNDARY
BE	BEVELED END
BEG	BEGIN
B/G	BELOW GRADE
B.N.S.F.	BURLINGTON NORTHERN SANTA FE
BOP	BOTTOM OF PIPE
CL	CEMENT-LINED
CL	CENTERLINE
CI	CAST IRON
CB	CATCH BASIN
CA	CABLE
CLR	CLEAR, CLEARANCE
CONC	CONCRETE
COND	CONDUIT
CPTS	CATHODIC PROTECTION TEST STATION
CSG	CASING
D.O.T.	DEPARTMENT OF TRANSPORTATION
DIA	DIAMETER
DWG	DRAWING
EC	END CURVE
EL	ELEVATION
ELL	ELBOW
ELEC	ELECTRIC
ERW	ELECTRIC RESISTANCE WELDED
ESMT	EASEMENT
ETC	ETCETERA
ETS	ELECTROLYSIS TEST STATION
EXIST	EXISTING
FB	FIELD BEND
FH	FIRE HYDRANT
FLG	FLANGE
FOF	FACE OF FLANGE
FUT	FUTURE
GR	GRADE
HH	HAND HOLE
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INJ	INJECTION
INS	(FLANGE) INSULATION KIT
INV	INVERT
LG	LONG
LP	LIGHT POLE
LT	LEFT
MAXOP	MAXIMUM ALLOWABLE OPERATING PRESSURE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
NB	NORTHBOUND
N.T.S.	NOT TO SCALE
OB	OVER BEND
OD	OUTSIDE DIAMETER
OVHD	OVERHEAD
PI	POINT OF INTERSECTION
PL	PIPELINE
PL	PROPERTY LINE
PP	POWER POLE
PROP	PROPOSED
REC	RECEIVING
RED	REDUCER
RF	RAISED FACE
RFWN	RAISED FACE WELD NECK
RT	RIGHT
R.R	RAILROAD
R/W	RIGHT-OF-WAY
SB	SOUTHBOUND
SD	STORM DRAIN
SLMS	SEAMLESS
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
STL	STEEL
TBA	TO BE ABANDONED
TBR	TO BE REMOVED
TELE	TELEPHONE
TOC	TOP OF CONCRETE
TOP	TOP OF PIPE
TYP	TYPICAL
UNK	UNKNOWN
VERT	VERTICAL
WTR	WATER
W.T.	WALL THICKNESS
WT	WEIGHT

ISSUED FOR CONSTRUCTION
OCT. 08, 2020



NOTES:
1) CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.

REFERENCE DRAWINGS:

NO.	REVISION	BY	DATE	APR
1	REVISED & REISSUED FOR CONSTRUCTION	TCM	10/08/20	TCM OE
0	ISSUED FOR CONSTRUCTION	NVK	05/29/20	TCM OE

PROJECT LOCATION: PORT OF STOCKTON	
DRAWN BY: S. SANCHEZ	DATE: 10/05/18
CHECKED: F. SEVILLANO	DATE: -
APPROVED: -	DATE: -
SCALE: N.T.S.	

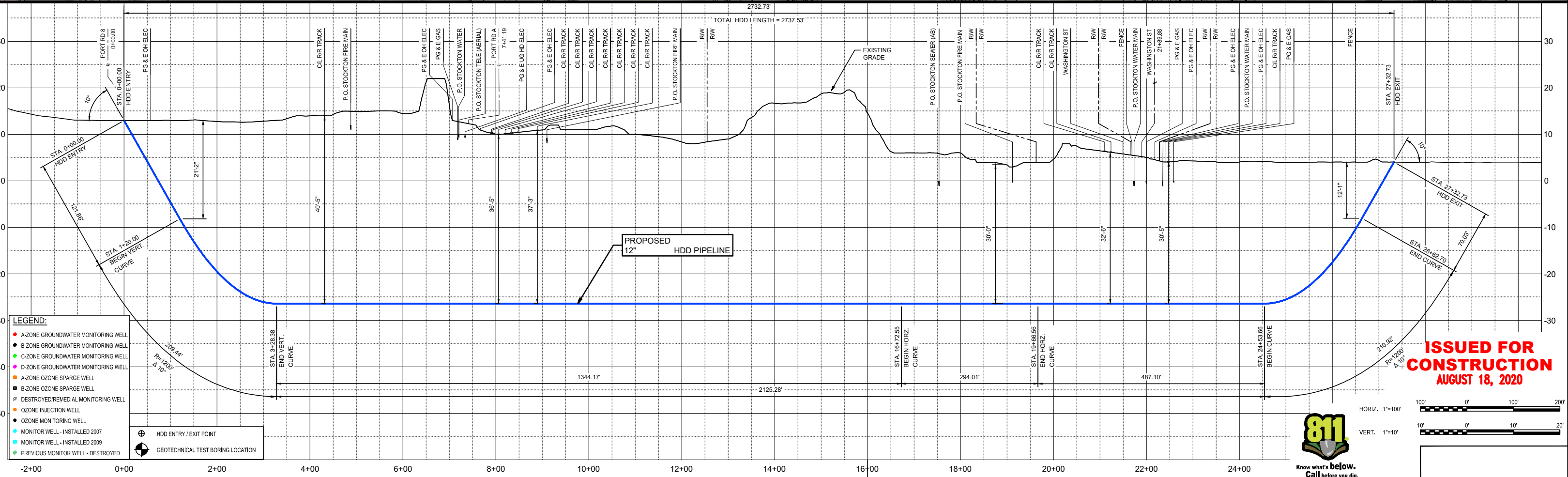
STOCKTON, CA	
PORT OF STOCKTON - 12" HDD	
GENERAL NOTES, DETAILS & ABBREVIATIONS	
ORIGINAL PROJECT NO.	
DRAWING NO. 7387-G-002	REV. 1

POINT #	DESCRIPTION	NORTHING	EASTING
116	CL R/R TRACK	2169154.79	6321599.79
117	CL R/R TRACK	2168795.51	6321609.59
118	CL R/R TRACK	2168792.64	6321609.66
119	CL R/R TRACK	2168780.49	6321610.00
120	CL R/R TRACK	2168766.48	6321610.38
121	CL R/R TRACK	2168752.48	6321610.76
122	CL R/R TRACK	2168738.33	6321611.15
123	CL R/R TRACK	2168697.21	6321612.27
128	CL R/R TRACK	2167486.72	6321715.74
129	CL R/R TRACK	2167472.94	6321719.59
140	CL R/R TRACK	2167353.65	6321752.89

ALIGNMENT

CONTRACTOR NOTICE
 ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR AND SUBCONTRACTORS PERFORMING SUBSURFACE EXCAVATIONS SHALL COMPLY WITH ALL REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTIONS 4216.9 PERTAINING TO AN "EXCAVATOR" COMPLIANCE SHALL INCLUDE, BUT NOT BE LIMITED TO, TIMELY NOTIFICATION OF THE APPLICABLE REGIONAL NOTIFICATION CENTER AND CONDUCTING ON-SITE MEETINGS WITH ANY OWNER OF A HIGH PRIORITY SUBSURFACE INSTALLATION.

PROFILE



ISSUED FOR CONSTRUCTION
AUGUST 18, 2020

PIPE DATA

2,737.53' - 12.75" O.D. x 0.500" WT. API-5L X52, ERW W/ 14 MIL FBE AND ARO COATING

NOTES:
 1) CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.

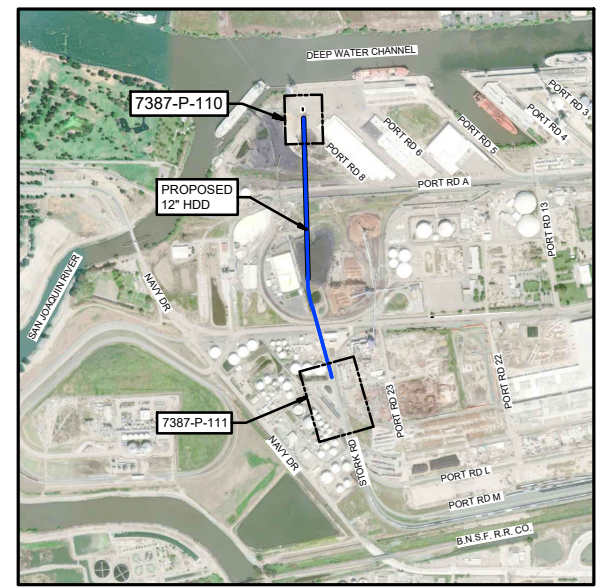
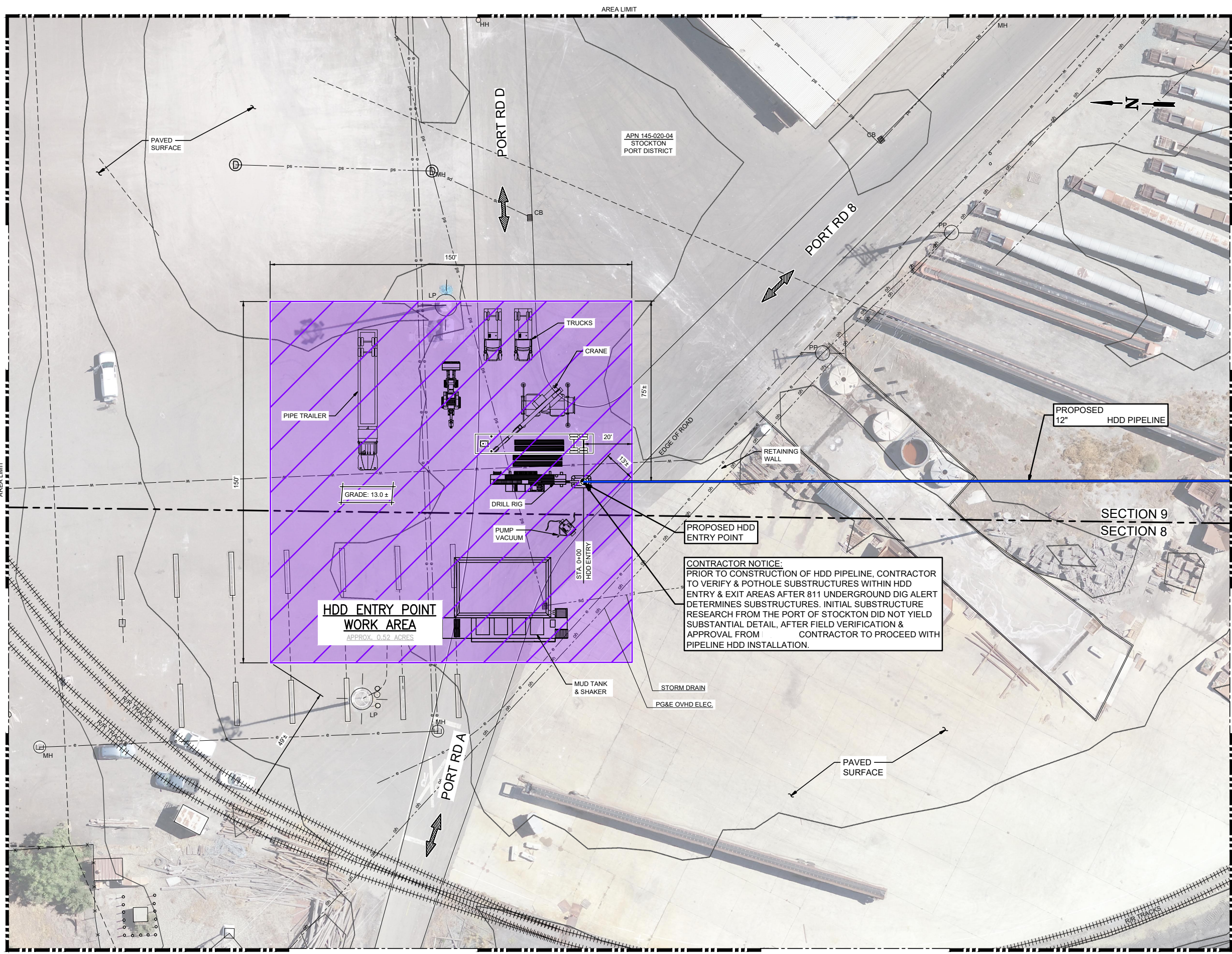
REFERENCE DRAWINGS:

NO.	REVISION	BY	DATE	APR
1	REVISED W.T. - ISSUED FOR CONSTRUCTION	SJS	08/18/20	
0	ISSUED FOR CONSTRUCTION	NVK	05/29/20	TCM OE

PROJECT LOCATION: PORT OF STOCKTON	
DRAWN BY: S. SANCHEZ	DATE: 10/05/18
CHECKED: F. SEVILLANO	DATE: -
APPROVED: -	DATE: -
SCALE: AS SHOWN	

STOCKTON, CA	
PORT OF STOCKTON - 12" HDD ALIGNMENT	
ORIGINAL PROJECT NO.	
DRAWING NO. 7387-A-101	
REV.	1

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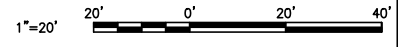
VICINITY MAP
N.T.S.

NOTES:
1. FOR GENERAL NOTES AND ABBREVIATIONS SEE DWG. 7387-G-002.

- LEGEND:
- = PROPOSED HDD
 - = PROPOSED HDD ENTRY POINT
 - = PROPOSED WORK AREA
 - ⇄ = ACCESS ROUTE

CONTRACTOR NOTICE
ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR AND SUBCONTRACTORS PERFORMING SUBSURFACE EXCAVATIONS SHALL COMPLY WITH ALL REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTIONS 4216.9 PERTAINING TO AN EXCAVATOR'S COMPLIANCE SHALL INCLUDE, BUT NOT BE LIMITED TO, TIMELY NOTIFICATION OF THE APPLICABLE REGIONAL NOTIFICATION CENTER AND CONDUCTING ON-SITE MEETINGS WITH ANY OWNER OF A HIGH PRIORITY SUBSURFACE INSTALLATION.

ISSUED FOR CONSTRUCTION
MAY 29, 2020



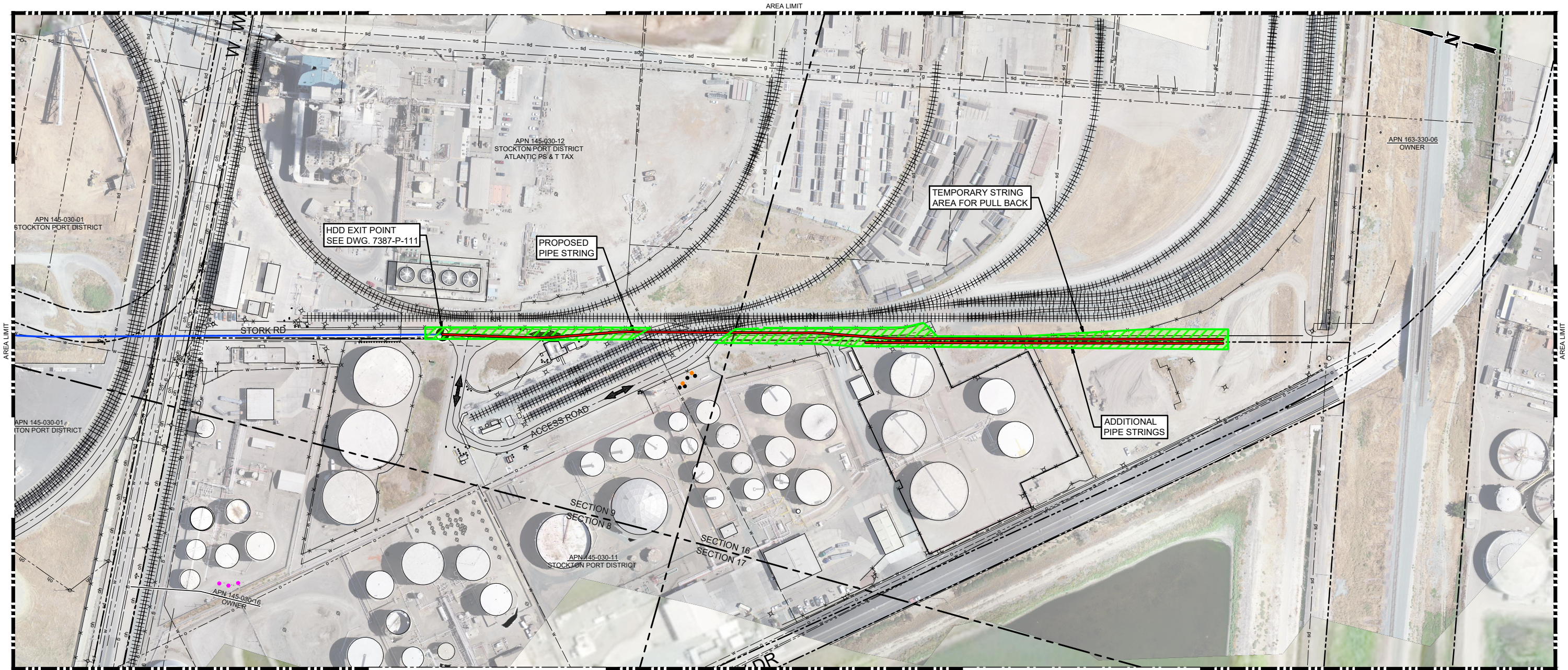
NOTES:
1) CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.

REFERENCE DRAWINGS:

NO.	REVISION	BY	DATE	APR
0	ISSUED FOR CONSTRUCTION	NVK	05/29/20	TCM OE




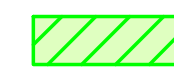

PROJECT LOCATION: PORT OF STOCKTON
 DRAWN BY: S. SANCHEZ DATE: 10/05/18
 CHECKED: F. SEVILLANO DATE: -
 APPROVED: - DATE: -
 SCALE: AS SHOWN

STOCKTON, CA
 PORT OF STOCKTON - 12" HDD
 PROPOSED HDD ENTRY POINT WORK AREA
 ORIGINAL PROJECT NO.
 DRAWING NO. 7387-P-110 REV. 0




PLAN
1" = 100'

LEGEND:

-  = PROPOSED HDD
-  = PROPOSED PIPE STRING
-  = PROPOSED HDD /EXIT POINT
-  = TEMPORARY STRING AREA FOR PULL BACK
-  = ACCESS ROUTE

ISSUED FOR CONSTRUCTION
MAY 29, 2020

HORIZ. 1"=100' 



NOTES:

1. FOR GENERAL NOTES AND ABBREVIATIONS SEE DWG. 7387-G-002.
2. CONTRACTOR SHALL GRADE WORK AREAS AS REQUIRED DURING CONSTRUCTION AND RESTORE AREAS TO PRE CONSTRUCTION CONDITIONS AS DIRECTED BY NUSTAR FIELD REPRESENTATIVE.

NOTES:
1) CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.

REFERENCE DRAWINGS:

NO.	REVISION	BY	DATE	APR
0	ISSUED FOR CONSTRUCTION	NVK	05/29/20	TCM OE

PROJECT LOCATION: PORT OF STOCKTON	
DRAWN BY: S. SANCHEZ	DATE: 10/05/18
CHECKED: F. SEVILLANO	DATE: -
APPROVED: -	DATE: -
SCALE: AS SHOWN	

STOCKTON, CA	
PORT OF STOCKTON - 12" HDD	
PROPOSED HDD PIPE STRING LAYOUT	
ORIGINAL PROJECT NO.	
DRAWING NO. 7387-P-112	REV. 0

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