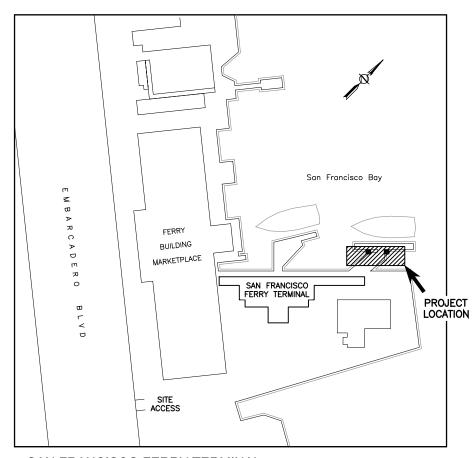


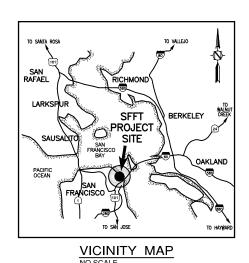
Golden Gate Bridge, Highway and Transportation District

SAN FRANCISCO FERRY TERMINAL OUTER BERTH HYDRAULIC RAMP REPAIRS

Contract No. 2019-F-026







SAN FRANCISCO FERRY TERMINAL LOCATION PLAN

PROJECT ADDRESS:

FERRY BUILDING MARKETPLACE ONE FERRY BUILDING SAN FRANCISCO, CALIFORNIA 94111

	DES
GRAPHIC SCALE SHOWN IN FULL SIZE VERIFY SCALE FOR REDUCED PLANS	DE
N 1 2 3 4 5 6 7	QUA

ı	DESIGN	BY	CHECKED	
	DESIGN	RVG		
ı	DETAILS	BY	CHECKED	RODOLFO V. GALANG
,	DETAILO	RVG		PROJECT MANAGER
	QUANTITIES	BY	CHECKED	
	QUANTITIES	RVG		

APPROVED BY	abla				APPROVED BY
OFFSSIO	\triangle				OFFSSIO
(10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	\triangle				I BA NA
	\triangle				
No. C66235	∇				No. 043632
Exp. 6/30/20	\triangle				Exp. 3/31/21
WAS CIVE OF TO	\triangle				CIVILORIE
E OF CALIFO	\nearrow				OF CALIF
ROJECT ENGINEER	NO.	REVISIONS	BY	DATE	DISTRICT ENGINEE
07-16-2019	CON	TRACT NO 2019-F-026	DΛ	NG NO	07-16-2019

SAN FRANCISCO FERRY TERMINAL OUTER BERTH HYDRAULIC RAMP REPAIRS

SHEET TITLE

TITLE SHEET

DESIGNED: RVG CHECKED: JRE DRAWN: JTS

SCALE: AS NOTED DATE: July 16, 2019

ISSUED FOR BID



0 2

DRAWING INDEX:

TITLE SHEET GENERAL NOTES, ABBREVIATIONS AND DRAWING INDEX SITE PLAN HYDRAULIC RAMP CYLINDER SUPPORT SITE PLAN AND REPLACEMENT (E) HYDRAULIC SYSTEM SINGLE GANGWAY RAMP PIPE REPAIR PLAN (E) HYDRAULIC SYSTEM SINGLE GANGWAY RAMP PIPE REPAIR PLAN TYPICAL PIPING AND PIPE SUPPORT DETAILS

SYMBOLS:

CENTER LINE DIAMETER ± MORE OR LESS PERPENDICULAR

WORK POINT

7 BALL VALVE (SOV) CHECK VALVE

 \sim FLEX HOSE

℄ PRESSURE GAUGE **◆**

PUMP

STRAINER

FILTER/REGULATOR -SECTION NUMBER

DRAWING NUMBER

DETAIL NUMBER DRAWING NUMBER

DD

(E) PILE LOCATION BELOW PLATFORM

(3) (E) COLUMN LOCATION ABOVE PLATFORM

ABBREVIATIONS:

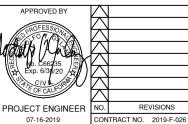
B BILGE NO NUMBER BLDG BUILDING NOM NOMINAL BOT BOTTOM NTS NOT TO SCALE BUR BUILT UP ROOFING OC ON CENTER C CONDUIT OD OUTSIDE DIAMETER CISP CAST IRON SOIL PIPE OH OPPOSITE HAND CLR CLEAR OPP OPPOSITE CO CLEANOUT PD PUMPED DISCHARGE COL COLUMN PL PLATE	
CONC CONCRETE PS PIPE SUPPORT CONN(S) CONNECTION(S) PSI POUNDS PER SQUARE INCH	
CONN(S) CONNECTION(S) PSI POUNDS PER SQUARE INCH COL COLUMN PT PRESSURE TREATED	
CONT CONTINUOUS PVC POLY VINYL CHLORIDE	
CTR CENTER PVMT PAVEMENT	
CV CONTROL VALVE PREFAB PREFABRICATED	
CW COLD WATER R RADIUS DET DETAIL RD ROOF DRAIN	
DET DETAIL RD ROOF DRAIN DI DRAIN INLET (R) REMOVE	
DWG DRAWING (RR) REMOVE AND REPLACE	
EL. ELEV ELEVATION REQUIRED	
ELEC, ELECT ELECTRICAL SCH SCHEDULE	
EMBED EMBEDMENT SECT SECTION	
(E), EXIST EXISTING SFFT SAN FRANCISCO FERRY TERMIN	AL
EQ EQUAL SHT SHEET	
EW EACH WAY SIM SIMILAR FXP FXPANSION SOV SHUT-OFF VALVE	
EXP EXPANSION SOV SHUT-OFF VALVE EXT EXTERIOR SPECS SPECIFICATIONS	
FD FLOOR DRAIN SS SANITARY SEWER, STAINLESS S	ΓFFI
FIN FINISH STD STANDARD	
FLEX FLEXIBLE STL STEEL	
GA GAUGE SQ SQUARE	
GALV GALVANIZED SYM SYMMETRICAL	
GGB GOLDEN GATE BRIDGE TC TOP OF CONCRETE	
GR GRADE THK THICK	
GSP GALVANIZED STEEL PIPE TOS TOP OF STEEL	
HD HOT-DIPPED, HEAVY-DUTY TOT TOTAL HDG HOT-DIPPED GALVANIZED TYP TYPICAL	
HDG HOT-DIPPED GALVANIZED TYP TYPICAL HORIZ HORIZONTAL UON UNLESS OTHERWISE NOTED	
HT HEIGHT VAR VARIES	
INT INTERIOR VIF VERIFY IN FIELD	
JT JUNCTION BOX, JOINT VR VENT RISER	
KSI KIPS PER SQUARE INCH W WATER, WIDTH	
L ANGLE WP WEATHERPROOF	
LFT LARKSPUR FERRY TERMINAL W/ WITH	
MAX MAXIMUM MB MACHINE BOLT	
MB MACHINE BOLT MET, MTL METAL	
MFR MANUFACTURER	
MIN MINIMUM	
MISC MISCELLANEOUS	

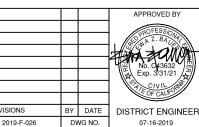
GENERAL NOTES:

- 1. THE GENERAL CONTRACTOR SHALL POSSESS A VALID STATE OF CALIFORNIA CLASS "A" GENERAL ENGINEERING CONTRACTOR'S LICENSE WITH MINIMUM OF THREE PROJECTS EXPERIENCE WITH PUBLIC AGENCIES IN THE PAST FIVE YEARS. BIDDER SHALL SUBMIT REFERENCES.
- 2. NEW CONSTRUCTION IS UNPREFIXED OR PREFIXED BY (N) OR "NEW". EXISTING CONSTRUCTION IS PREFIXED BY (E) OR "EXIST".
- 3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS & CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING OF MATERIALS &
- 4. CONTRACTOR SHALL PERFORM ALL LAYOUT & SURVEYING WORK NECESSARY & SHALL SUBMIT WORK PLAN INCLUDING TRAFFIC CONTROL, HEALTH & SAFETY PLAN, & WATER POLLUTION CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING ANY FIELD WORK.
- 5. ALL PIPE SUPPORTS, HANGER RODS, AND FASTENERS SHALL BE STAINLESS STEEL TYPE 316L, UNLESS OTHERWISE NOTED.

ISSUED FOR BID





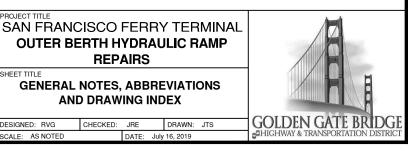


DATE

DESIGNED: RVG

SCALE: AS NOTED

AND DRAWING INDEX

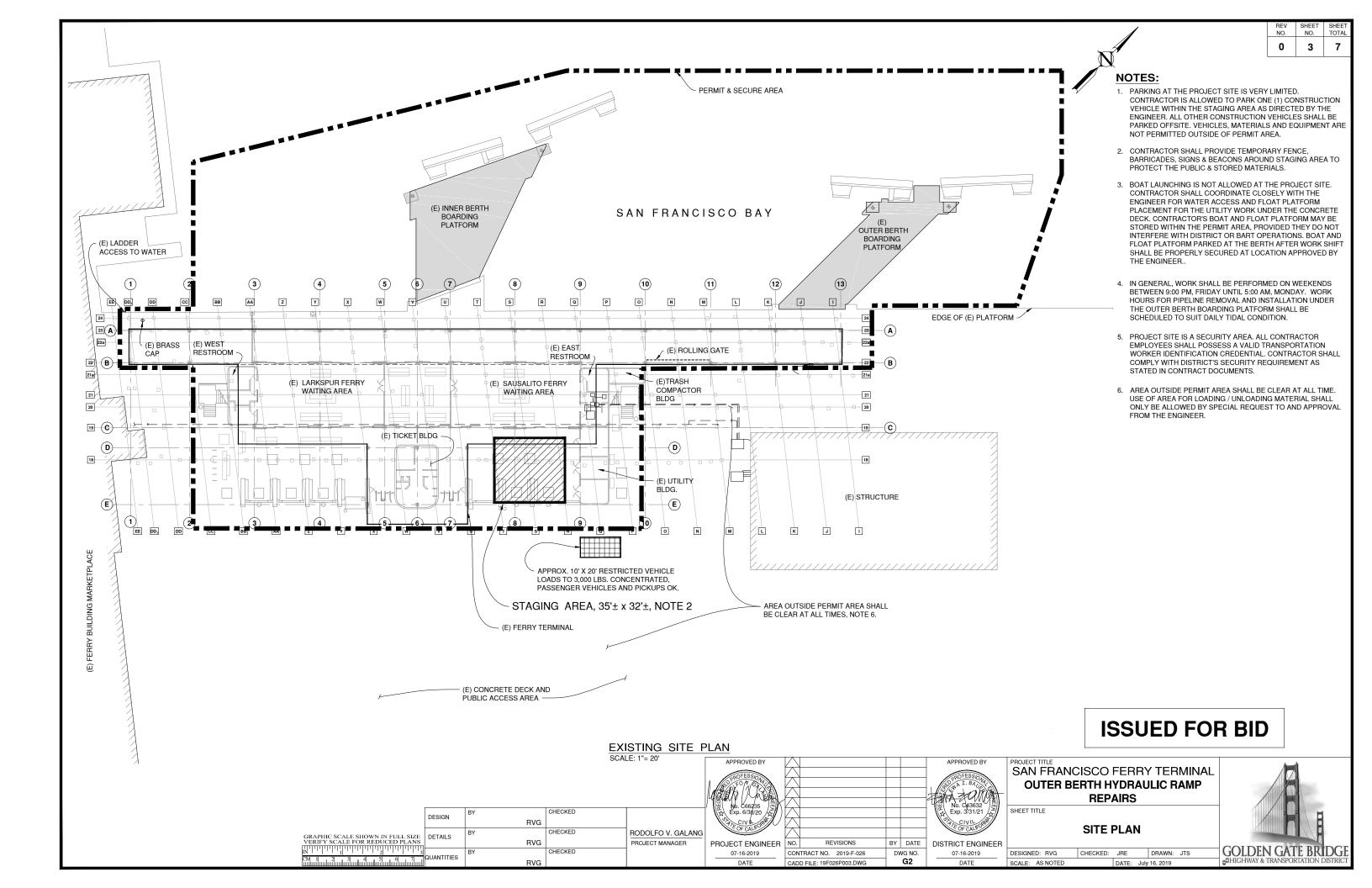


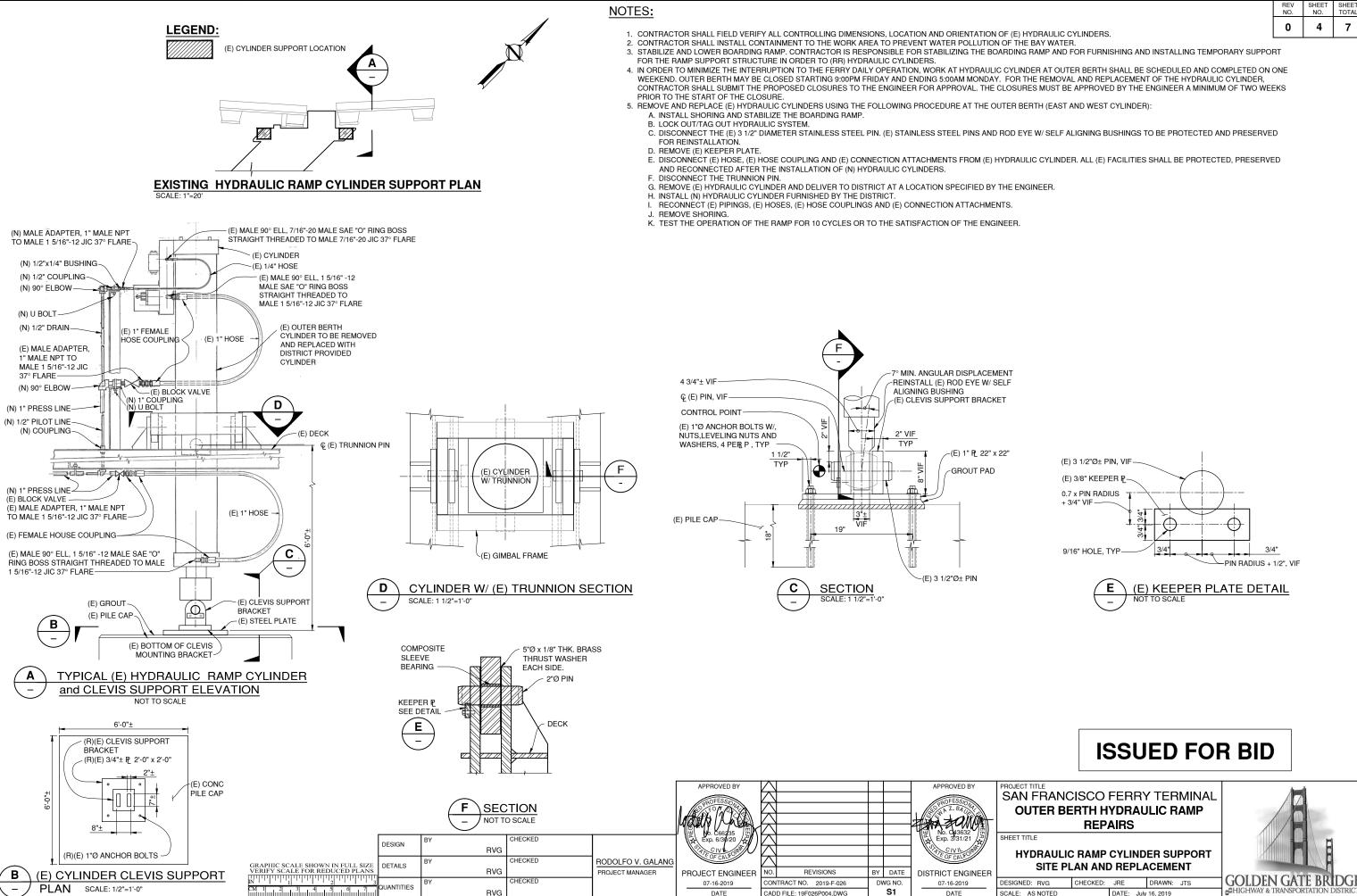
REPAIRS GENERAL NOTES, ABBREVIATIONS

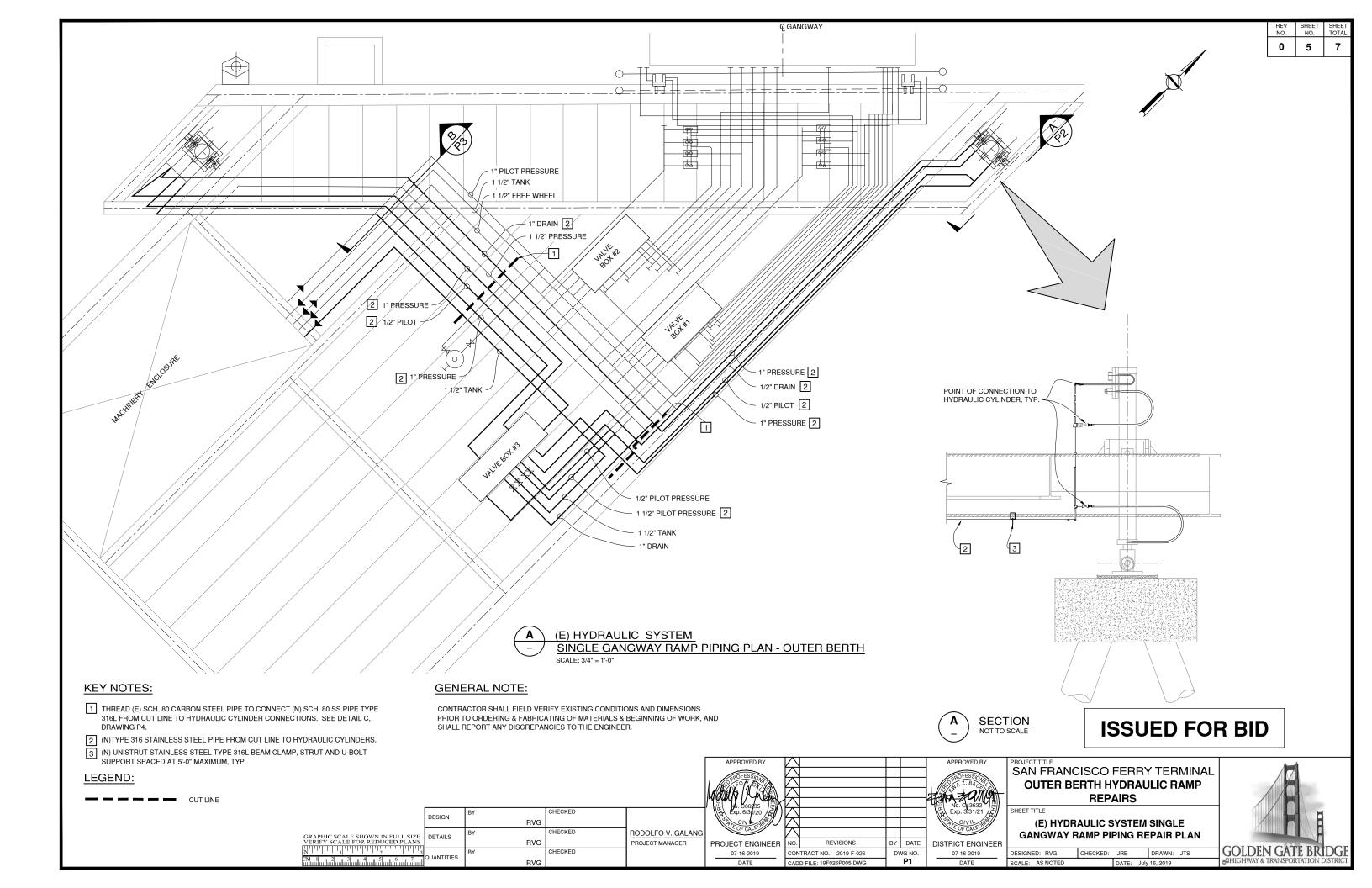
OUTER BERTH HYDRAULIC RAMP

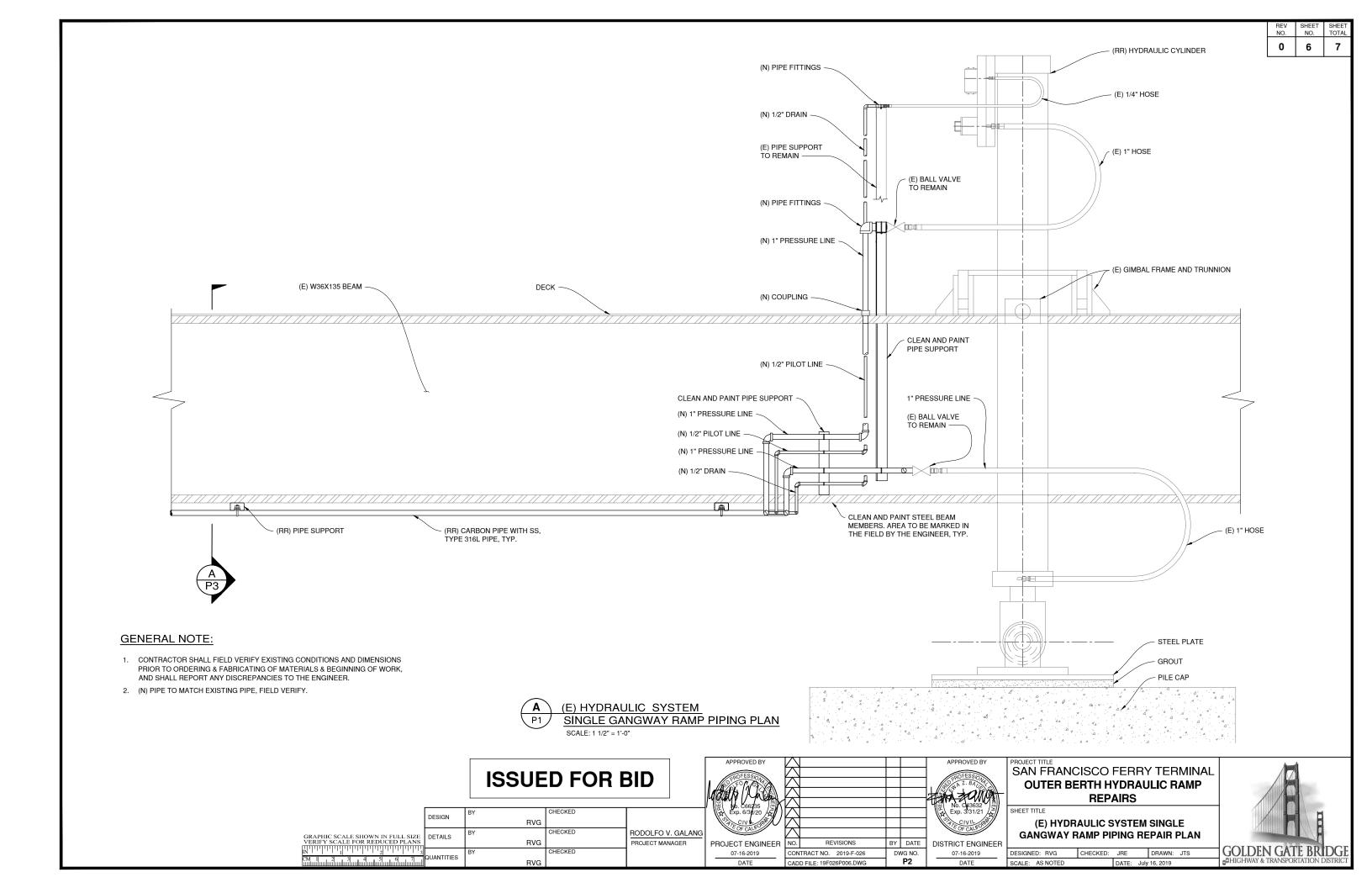
CHECKED: JRE DRAWN: JTS

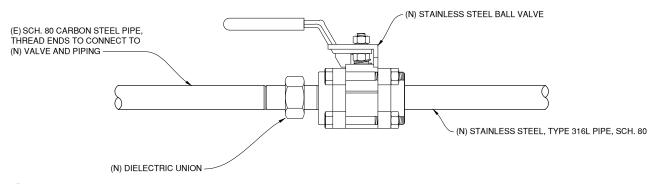
DATE: July 16, 2019



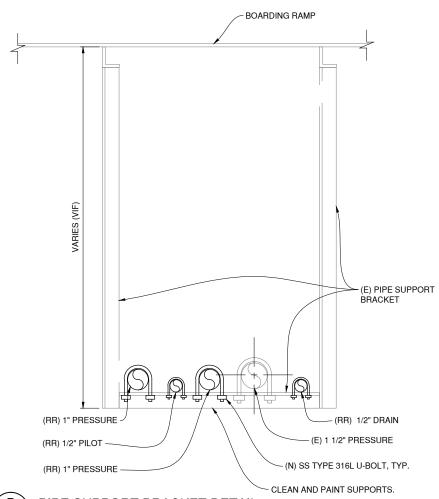




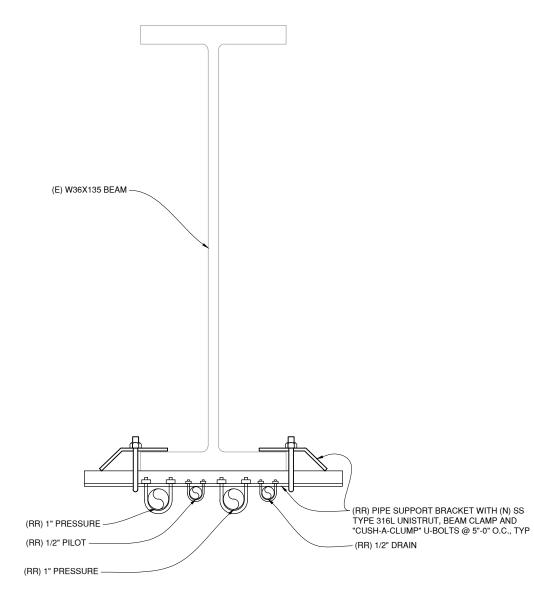




(E) PIPE TO (N) SS PIPE CONNECTION DETAIL



PIPE SUPPORT BRACKET DETAIL NOT TO SCALE



B PIPE BEAM SUPPORT DETAIL P2 NOT TO SCALE

ISSUED FOR BID

	DESIGN	BY	CHECKED	
	DESIGN	RVG		
GRAPHIC SCALE SHOWN IN FULL SIZE	DETAILS	BY	CHECKED	RODOLFO V. GALANG
VERIFY SCALE FOR REDUCED PLANS	DETAILS	RVG		PROJECT MANAGER
IN 11 1 1 1 1 1 1 1 1 3		BY	CHECKED	
CM 1 2 3 4 5 6 7	QUANTITIES	RVG		

APPROVED BY	\triangle				APPROVED BY
aOFESS/O	\triangle				a OFESS
5 FOR 10 49 X	abla				2 BA NA
	\triangle				The solid
No. C66235	abla				No. 043632
Exp. 6/30/20	\triangle				Exp. 3/31/21
ATE OF CALFORN	abla				CIVIL
OF CALIF	abla				E OF CALFO
JECT ENGINEER	NO.	REVISIONS	BY	DATE	DISTRICT ENGIN
07-16-2019	CON	TRACT NO. 2019-F-026	DV	VG NO.	07-16-2019
DATE	CAD	D FILE: 19F026P007.DWG		P3	DATE

) BY	PROJECT TITLE
_	SAN FRANCISCO FERRY TERMINA
(N)	OUTER BERTH HYDRAULIC RAMP
(S)(42)	OUTER BERTITITIONAULIC NAIME
	REPAIRS
32 /21	SHEET TITLE
	TYPICAL PIPING AND

REPAIRS TYPICAL PIPING AND

PIPE SUPPORT DETAILS DESIGNED: RVG CHECKED: JRE DRAWN: JTS

