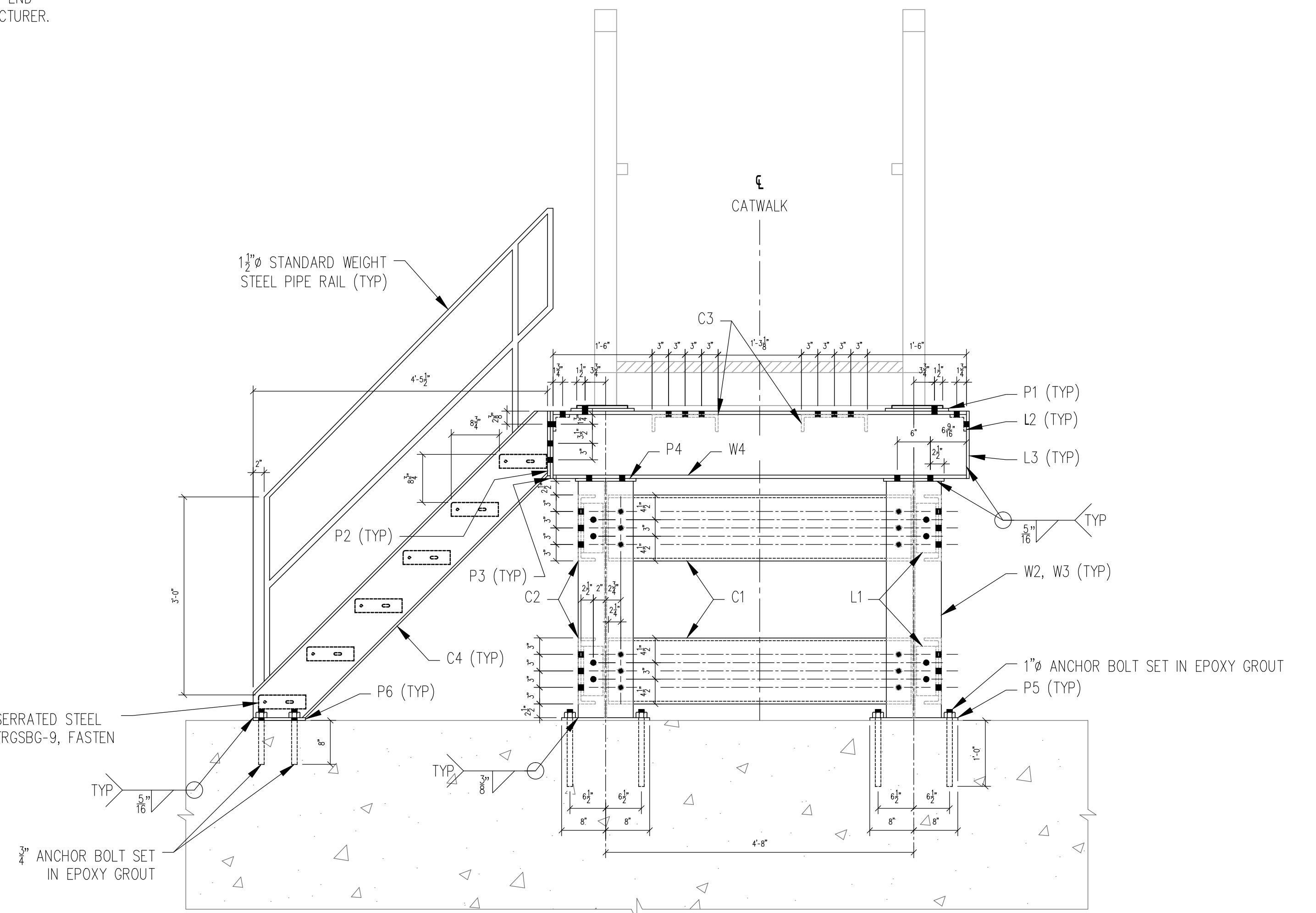
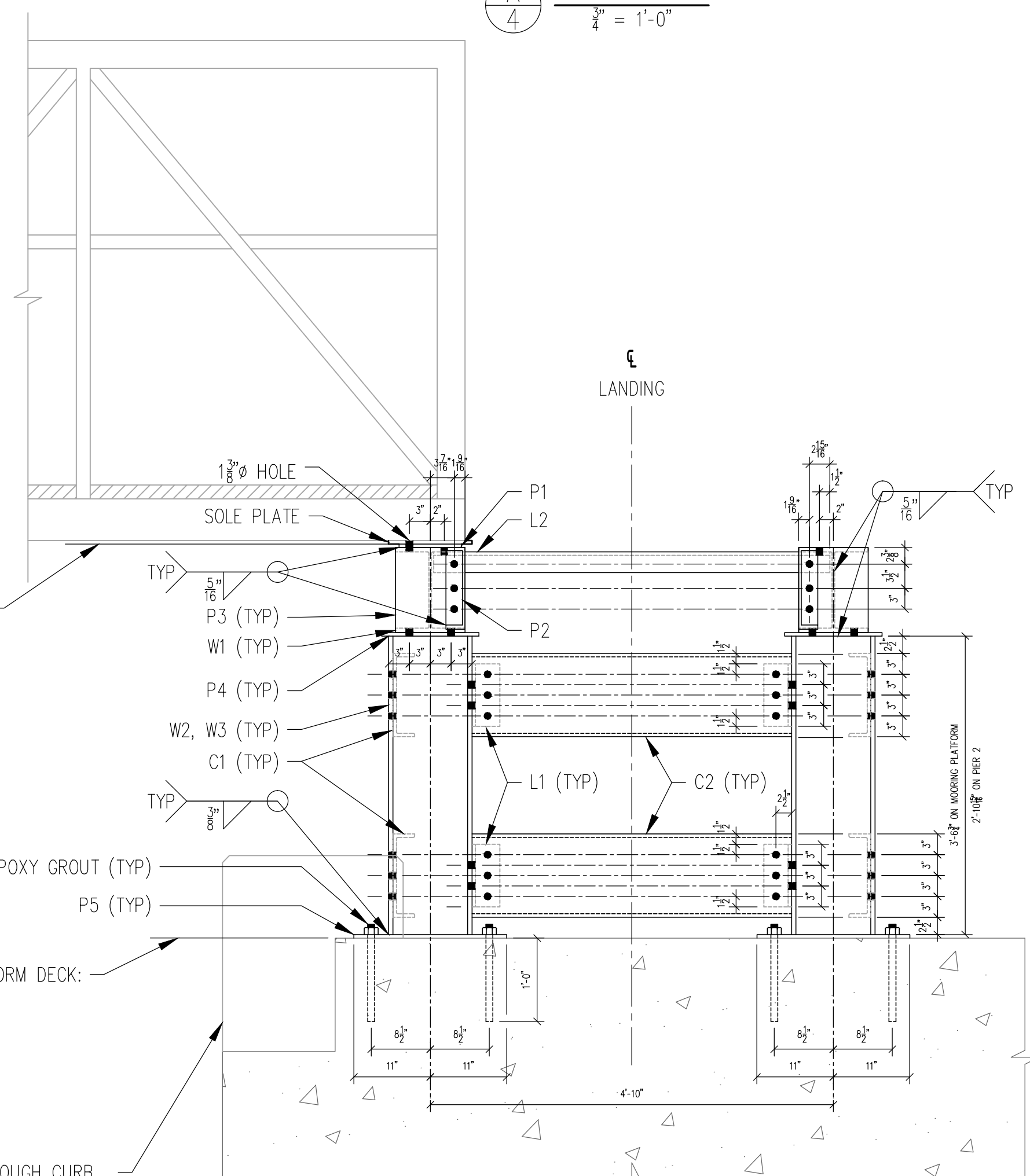


PLAN VIEW
 $\frac{3}{4}'' = 1'-0''$



END ELEVATION VIEW
 $\frac{3}{4}'' = 1'-0''$

fs INDUSTRIES 8^{3/8}" X 2^{1/2}" X 4'-0" SERRATED STEEL BAR GRATING TREADS: ITEM # 48TRCSBG-9, FASTEN WITH INCLUDED HARDWARE.



ELEVATION VIEW (STAIRS NOT SHOWN)
 $\frac{3}{4}'' = 1'-0''$

BILL OF MATERIALS

DESCRIPTION	LENGTH	QUANTITY	MARK
W12 x 58	6'-3 ^{1/8} "	(4)	W1
W12 x 58	3'-6 ^{3/8} "	(4)	W2 (MOORING PLATFORM)
W12 x 58	2'-10 ^{1/8} "	(4)	W3 (PIER 2)
C12 x 30	4'-7"	(4)	C1
C12 x 30	3'-9 ^{3/8} "	(8)	C2
C12 x 30	4'-9"	(4)	C3 (TOP BRACE)
C12 x 30	6'-5 ^{3/8} "	(4)	C4 (STAIRS)
L 4 x 4 x 3/8"	0'-9"	(16)	L1
L 3 x 3 x 3/8"	4'-9"	(4)	L2
P 2 1/2" x 9"	0'-11 ^{1/2} "	(4)	P1
P 3/4" x 2 3/4"	0'-11 ^{3/4} "	(4)	P2
P 1/2" x 10"	1'-0 ^{1/4} "	(8)	P3
P 1" x 1'-0"	1'-2"	(8)	P4
P 1" x 1'-4"	1'-10"	(8)	P5
P 2 1/2" x 2 3/4"	0'-9 ^{1/2} "	(4)	P6

BOLT LIST

DIAMETER	GRIP	LENGTH	LOCATION	QUANTITY
3/8"	1 1/8"	2 3/4"	W1/C3	(24)
3/8"	1 1/8"	2 3/4"	W1/L2	(8)
3/8"	1 1/2"	2 3/4"	L2/P3/P2	(4)
3/8"	1 1/8"	2 3/4"	L2/P3	(4)
3/8"	1 1/8"	2 3/4"	P2/P3	(8)
3/8"	1 1/8"	2 3/4"	W1/P4	(32)
3/8"	1 1/8"	2 3/4"	W2,W3/C1	(48)
3/8"	1 1/8"	2 3/4"	W2,W3/L1	(32)
3/8"	1 1/8"	2 3/4"	L1/C2	(48)
3/8"	1 1/8"	3"	W1/P1/P0	(4)

NOTES

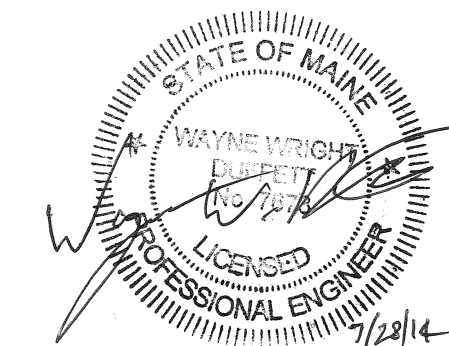
- ALL DIMENSIONS SYMMETRICAL ABOUT CENTER LINES AS SHOWN UNLESS OTHERWISE NOTED.
- ALL OPEN HOLES 1/8" DIAMETER UNLESS OTHERWISE NOTED.
- STAIRS AND LANDINGS SHALL HAVE 42" HIGH WELDED PIPE RAILINGS WITH A MID RAIL 21" BELOW THE TOP RAIL.
- SOLE PLATES PROVIDED BY BRIDGE FABRICATOR.

ELEVATION OF BOTTOM OF SOLE PLATES:
 MLLW = 19.94'

ELEVATION OF MOORING PLATFORM DECK:
 MLLW = 15.15'

ELEVATION OF PIER 2 DECK:
 MLLW = 15.85'

PIER 2 CURBING, SAW CUT THROUGH CURB TO PROVIDE UNIFORM BEARING SURFACE FOR PEDESTAL BASE PLATES.



CITY OF PORTLAND, MAINE
 PUBLIC BUILDINGS DIVISION

OCEAN GATEWAY PIER 2
 MOORING PLATFORM CATWALK
 STEEL PEDESTAL LANDING DETAILS

TEC ASSOCIATES CONSULTING ENGINEERS
 46 SAWYER STREET SOUTH PORTLAND, MAINE 04106

SCALE	AS SHOWN	DATE	25 JUNE 2014
JOB NUMBER	DRAWN BY	DESIGNED BY	DRAWING NO.
1301-6	NJR	NJR	4