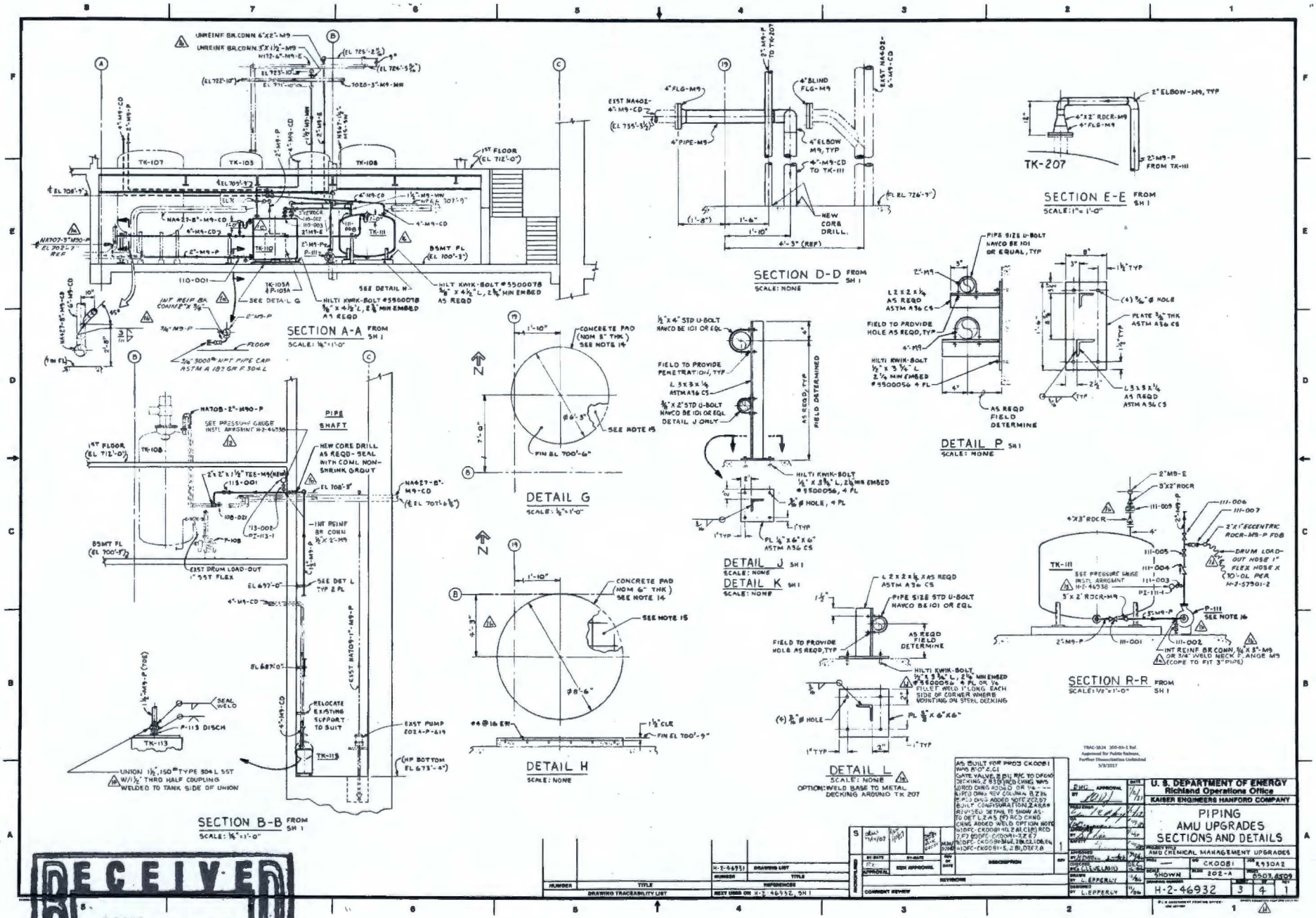
SECTION A-A FROM SH 1
SCALE: 1/8"=1'-0"
SECTION B-B FROM SH 1
SCALE: 1/8"=1'-0"
DETAIL G
SCALE: 1/2"=1'-0"
DETAIL H
SCALE: NONE
DETAIL J SH 1
SCALE: NONE
DETAIL K SH 1
SCALE: NONE
DETAIL L
SCALE: NONE
OPTION: WELD BASE TO METAL DECKING AROUND TK 207
SECTION D-D FROM SH 1
SCALE: NONE
DETAIL P SH 1
SCALE: NONE
SECTION E-E FROM SH 1
SCALE: 1"=1'-0"
SECTION R-R FROM SH 1
SCALE: 1/2"=1'-0"
TK-107
TK-108
TK-110
TK-111
TK-113
TK-207
PIPE SHAFT
1ST FLOOR (EL 712'-0")
BSMT FL (EL 700'-9")
HILTI KWIK-BOLT #5500078 3/8" X 4 1/2" L, 2 3/8" MIN EMBED AS REQD
SEE DETAIL L
SEE DETAIL N
INT REINF BR CONN 3/4" X 3/8"
3/4" M9-P
FLOOR
3/4" 3000# NPT PIPE CAP ASTM A 182 GR F 304L
SEE PRESSURE GAUGE INSTL ARRGMNT H-2-46938
NEW CORE DRILL AS REQD - SEAL WITH CONC. NON-SHRINK GROUT
EXIST DRUM LOAD-OUT 1" SST FLEX
SEE DET L TYP 2 PL
RELOCATE EXISTING SUPPORT TO SUIT
EXIST PUMP 202A-P-619
UNION 1 1/2", 150# TYPE 304 L SST W/ 1 1/2" THRD HALF COUPLING WELDED TO TANK SIDE OF UNION
P-113 DISCH
SEAL WELD
CONCRETE PAD (NOM 8" THK) SEE NOTE 14
SEE NOTE 15
FIN EL 700'-6"
FIN EL 700'-9"
#4 @ 16 EW
1 1/2" CLE
1/2" X 4" STD U-BOLT NAVCO BE 101 OR EQL
FIELD TO PROVIDE PENETRATION, TYP
L 3 X 3 X 1/4 ASTM A36 CS
3/8" X 2" STD U-BOLT NAVCO BE 101 OR EQL DETAIL J ONLY
HILTI KWIK-BOLT 1/2" X 3 3/4" L, 2 1/4" MIN EMBED #5500056, 4 PL
3/8" ø HOLE, 4 PL
PL 1/4" X 6" X 6" ASTM A36 CS
AS REQD, TYP
FIELD DETERMINED
L 2 X 2 X 1/4 AS REQD ASTM A36 CS
PIPE SIZE STD U-BOLT NAVCO BE 101 OR EQUAL
AS REQD FIELD DETERMINE
HILTI KWIK-BOLT 1/2" X 3 3/4" L, 2 1/4" MIN EMBED #5500056, 4 PL OR 1/4" FILLET WELD 1" LONG EACH SIDE OF CORNER WHERE MOUNTING ON STEEL DECKING
PL 3/8" X 6" X 6"
PLATE 3/8" THK ASTM A36 CS
SEE PRESSURE GAUGE INSTL ARRGMNT H-2-46938
DRUM LOAD-OUT HOSE 1" FLEX HOSE X 30'-0" OL PER H-2-57501-2
INT REINF BR CONN 3/4" X 8"-M9 OR 3/4" WELD NECK FLANGE M9 (CORE TO FIT 3" PIPE)
U. S. DEPARTMENT OF ENERGY
Richland Operations Office
KAISER ENGINEERS HANFORD COMPANY
PIPING
AMU UPGRADES
SECTIONS AND DETAILS
AMU CHEMICAL MANAGEMENT UPGRADES
CK0081
R4302
202-A
SHOWN
H-2-46932
DRAWING TRACEABILITY LIST
NEXT USED ON H-2-46932, SH 1
MAY 16 2017
EDMC
RECEIVED
1244024
0071332H
20D-EA-1