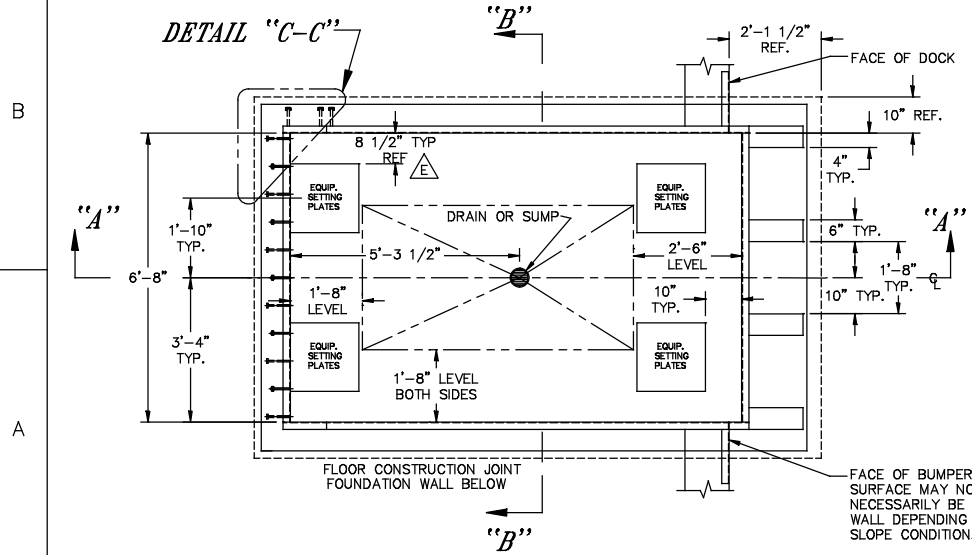
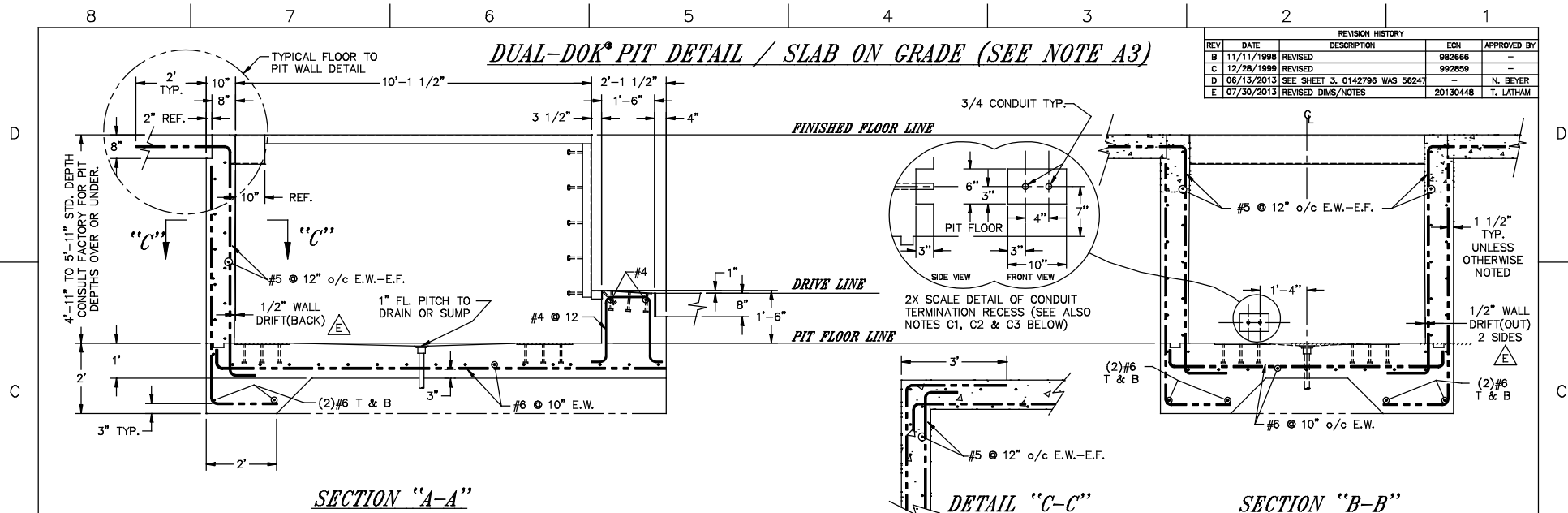


DUAL-DOK® PIT DETAIL / SLAB ON GRADE (SEE NOTE A3)

REVISION HISTORY				
REV	DATE	DESCRIPTION	ECN	APPROVED BY
B	11/11/1998	REVISED	982666	-
C	12/28/1999	REVISED	992859	-
D	06/15/2013	SEE SHEET 3, 0142796 WAS 56247	-	N. BEYER
E	07/30/2013	REVISED DIMS/NOTES	20130448	T. LATHAM



GENERAL NOTES:

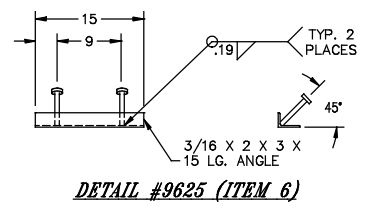
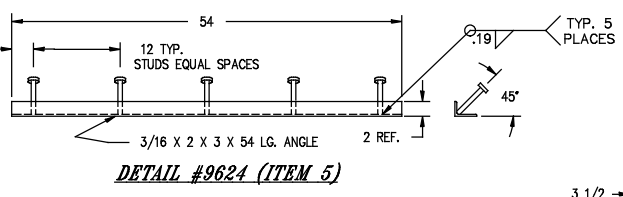
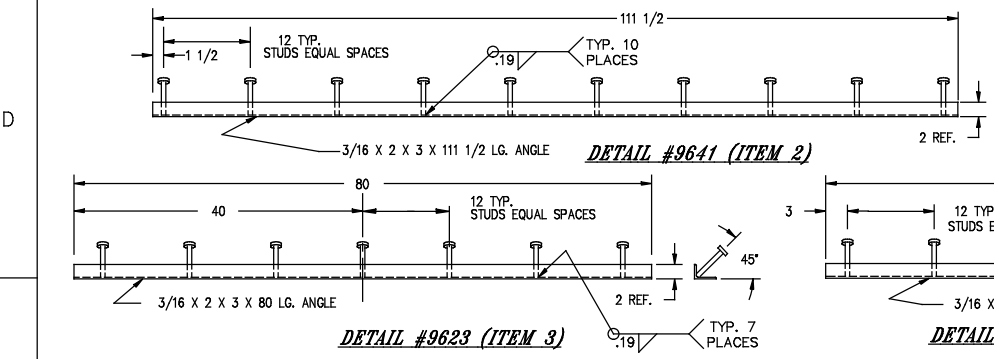
- A) PREPARATION:**
- NOTE: ASSUMED SOIL BEARING CAPACITY IS 3000#/FT²
 - IF THE ACTUAL SOIL IS LESS THAN 3000#/FT² CONTACT THE RITE-HITE CORPORATION FOR REQUIRED DESIGN MODIFICATIONS.
 - CONSULT LOCAL BUILDING CODES FOR PROPER FOOTING REQUIREMENTS. IF FOOTINGS ARE REQUIRED, CONSTRUCT PIT PER SHEET 1, IF FOOTINGS ARE NOT REQUIRED, CONSTRUCT PIT PER SHEET 2.
 - REBARS TO COMPLY WITH ASTM A-615 GRADE 60 DEFORMED.
- B) PIT STEEL:**
- SEE SHEET 3 FOR PIT STEEL FABRICATION, LOCATION AND WELDING.
 - PIT STEEL FURNISHED BY GENERAL CONTRACTOR OR IS AVAILABLE FROM RITE-HITE AT AN ADDITIONAL COST.
 - ALL CURB STEEL TO BE WELDED SECURELY.
 - ANGLES BETWEEN SIDE CURB ANGLE & REAR CURB CHANNEL MUST BE 90°.
 - SIDE CURB ANGLES (ITEM #2) MUST BE 90° TO DOCK FACE.
- C) IMBEDDED CONDUIT:**
- RUN (QTY. 2) 3/4" PVC CONDUITS FROM PIT LOCATION TO CONTROL BOX PANEL USING LONG RADIUS ELBOWS BEFORE POURING CONCRETE (BY OTHERS).
 - RECOMMEND TERMINATING CONDUIT WITH FEMALE LIQUID-TIGHT COUPLINGS NOT PROTRUDING FROM REAR PIT WALL.
 - SEE SHEET 3 FOR RECOMMENDED CONDUIT ROUTING.
- D) CONCRETE:**
- CONCRETE TO BE: ASTM C-150 TYPE-1 PORTLAND CEMENT 4000 PSI AT 28 DAYS COMPRESSIVE STRENGTH.
 - COMPLY WITH ANSI/ASTM C-94 READY MIX CONCRETE.
 - 1"-3" MAX. SLUMP ALLOWED.
 - CONCRETE EXPOSED TO FREEZING TO USE AIR ENTRAINING ADMIXTURES PER MANUFACTURERS DIRECTIONS.
 - FOR ALL CURING USE SEAL-TIGHT CS-309 AND APPLY PER MANUFACTURERS INSTRUCTIONS.
 - CALCIUM CHLORIDE WILL NOT BE PERMITTED.
 - ALL CONCRETE WORK TO COMPLY WITH:
 - A. ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE.
 - B. ACI 318 CODE REQ. FOR REINFORCED CONCRETE.
 - C. ACI 306 COLD WEATHER PLACING.
 - D. ACI 301 HOT WEATHER PLACING
 - E. ASTM C-33 NORMAL WEIGHT AGGREGATES.
 - F. WATER TO BE POTABLE.
 - G. NO WATER REDUCING ADMIXTURES TO BE USED.
 - H. CONCRETE REINFORCING STEEL INSTITUTE MANUAL.
 - I. ALL KEYWAYS TO BE 1/2" MIN. DEEP & CONTINUOUS.
 - J. ALL CONCRETE TO BE VIBRATED IN PLACE.
- E) COMPLETION:**
- RECOMMEND UPPER PIT STEEL TO BE FITTED WITH SAFETY STRIPES.
 - RECOMMEND PIT WALLS TO BE PAINTED A CONTRASTING COLOR TO DIFFERENTIATE THEM FROM ADJACENT SURFACES.

REBAR SCHEDULE		
SIZE	LOCATION	MIN. COVERAGE
# 4	SEE PLAN	1-1/2"
# 5	SEE PLAN	1-1/2" & 3"
# 6	SEE PLAN	3"

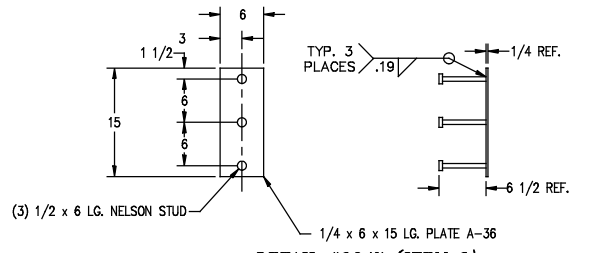
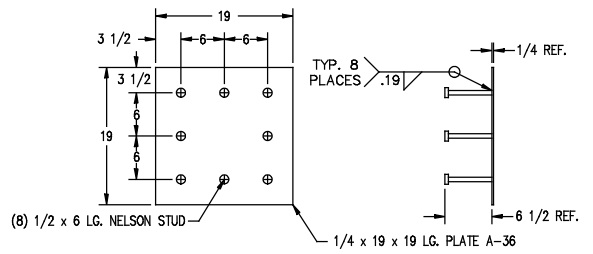
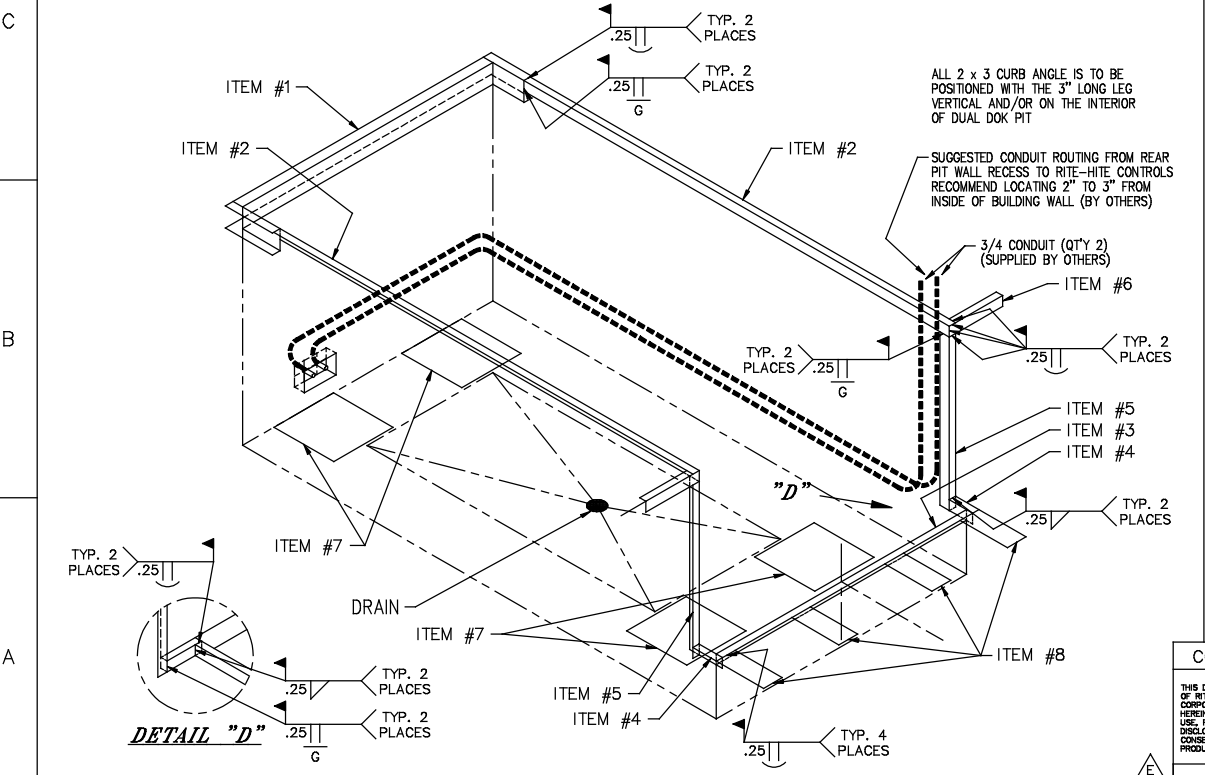
CONFIDENTIAL THIS DOCUMENT IS THE PROPERTY OF RITE-HITE® PRODUCTS CORPORATION. SUBJECT MATTER HEREIN IS CONFIDENTIAL. DO NOT USE, REPRODUCE, COPY OR DISCLOSE EXCEPT WITH WRITTEN CONSENT OF RITE-HITE® PRODUCTS CORPORATION. ©2013 RITE-HITE® PRODUCTS CORPORATION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: J = ±.030 XX = ±.060 XXX = ±.030 ANGLES = ±2.0°	DRAWN BY RESPONSIBLE ENGINEER S. LENZ	MATERIAL / PART NUMBER RITE-HITE® PRODUCTS CORPORATION
	THIRD ANGLE PROJECTION 	REFERENCE: ALL SHEETS ARE THE SAME REVISION STATUS DO NOT SCALE DRAWING	TITLE DWG PIT DET DD 10L 6.5W (E)/16
SCALE 1=16		SHEET 2 OF 3	REV E

8 7 6 5 4 3 2 1

REVISION HISTORY				
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C	12/28/1999	REVISED	992859	-
D	06/13/2013	SEE SHEET 3, 0142796 WAS 56247	-	N. BEYER
E	07/30/2013	REVISED DIMS/NOTES	20130448	T. LATHAM



PIT STEEL LOCATION, WELDING AND CONDUIT ROUTING INFORMATION



ITEM	QTY.	PART NO.	DESCRIPTION	MATL.
9	*	00053122	1/2 DIA. X 6 LG. NELSON STUD ANCHOR	
8	4	0009647	APPROACH PAD W/ STUDS	A-36
7	4	0009648	PIT FLOOR MOUNTING PAD W/ STUDS	A-36
6	2	0009625	HORZ. FACE ANGLE W/ STUD (15" LG.)	A-36
5	2	0009624	VERT. FACE ANGLE W/ STUDS (54" LG.)	A-36
4	2	0142796	ANG 3 X 2 X .19 X 5.5L	A-36
3	1	0009623	FRONT CURB ANGLE W/ STUDS (80" LG.)	A-36
2	2	0009641	PIT CURB ANGLE W/ STUDS (111 1/2" LG.)	A-36
1	1	0005201	REAR CURB CHANNEL (BY R.H.C.)	

* QUANTITIES AS REQUIRED

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	THIRD ANGLE PROJECTION 	REFERENCE: ALL SHEETS ARE THE SAME REVISION STATUS DO NOT SCALE DRAWING	

8 7 6 5 4 3 2 1