



KEY	
	1/4" PLASTIC INSERT
	1/2" PLASTIC INSERT
	5" PVC TERMINATOR
	5" GALVANIZED UTILITY ANCHOR
	6" UTILITY ANCHOR

- DESIGN NOTES: (TO BE VERIFIED BY EOR)**
- DESIGN PER ASTM C857 WITH A-20 (HS-25) LOADING.
 - EARTH COVER = 1' TO 2'
 - UNIT WEIGHT OF SOIL = 120 PCF
 - BAR COVER = 1" U.N.O.
 - WATER TABLE AT 3' BELOW GRADE
 - EQUIVALENT FLUID PRESSURE = 70 PCF
 - 6000 PSI CONCRETE AT 28 DAYS.
 - REINFORCEMENT BARS PER ASTM A-615, GRADE 60
 - MATERIALS AND MANUFACTURING TO MEET ASTM C858

- GENERAL NOTES:**
- PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE.
 - TRIP OPENINGS WITH DIAGONAL #4 BARS, EXTEND BARS MINIMUM 12" BEYOND OPENINGS.
 - CONSTRUCTION JOINT SEALED W/ 1" BUTYL MASTIC STRIP.
 - ANY ALTERATION TO THIS DRAWING MUST BE SUBMITTED TO GSP IN WRITING PRIOR TO PRODUCTION.

- HEAVIEST PICK:**
- 48" BASE = 16,452 LBS.
 - 48" TOP SLAB = 16,859 LBS.
- LIFTERS:**
- (4) 6" UTILITY ANCHORS IN FLOOR
 - (4) 6" UTILITY ANCHORS IN TOP SLAB

- MATERIAL LIST**
- (2) 12" DIAMETER x 4-1/2" SUMP
 - (20) 1/4" PLASTIC INSERTS
 - (132) 1/2" PLASTIC INSERTS
 - (48) 5/8" GALVANIZED INSERTS
 - (36) 5" PVC TERMINATORS
 - (8) 1" X 14.5" CONSEAL 102 MASTIC
 - (12) 5" GALVANIZED PULLING IRONS
 - (8) 6" UTILITY ANCHORS FOR LIFTING

SCALE 1/2" = 1'

REV	BY	CHK'D	DATE	DESCRIPTION
3	PEH		6/2/17	
2	RR		6/14/10	
1	RR		1/14/10	
	BY	CK'D	DATE	

DRAWN BY RR 2/17/2009

GARDEN STATE PRECAST
P.O. BOX 702
FARMINGDALE, NJ 07727
732-938-4436
732-938-6069 - FAX