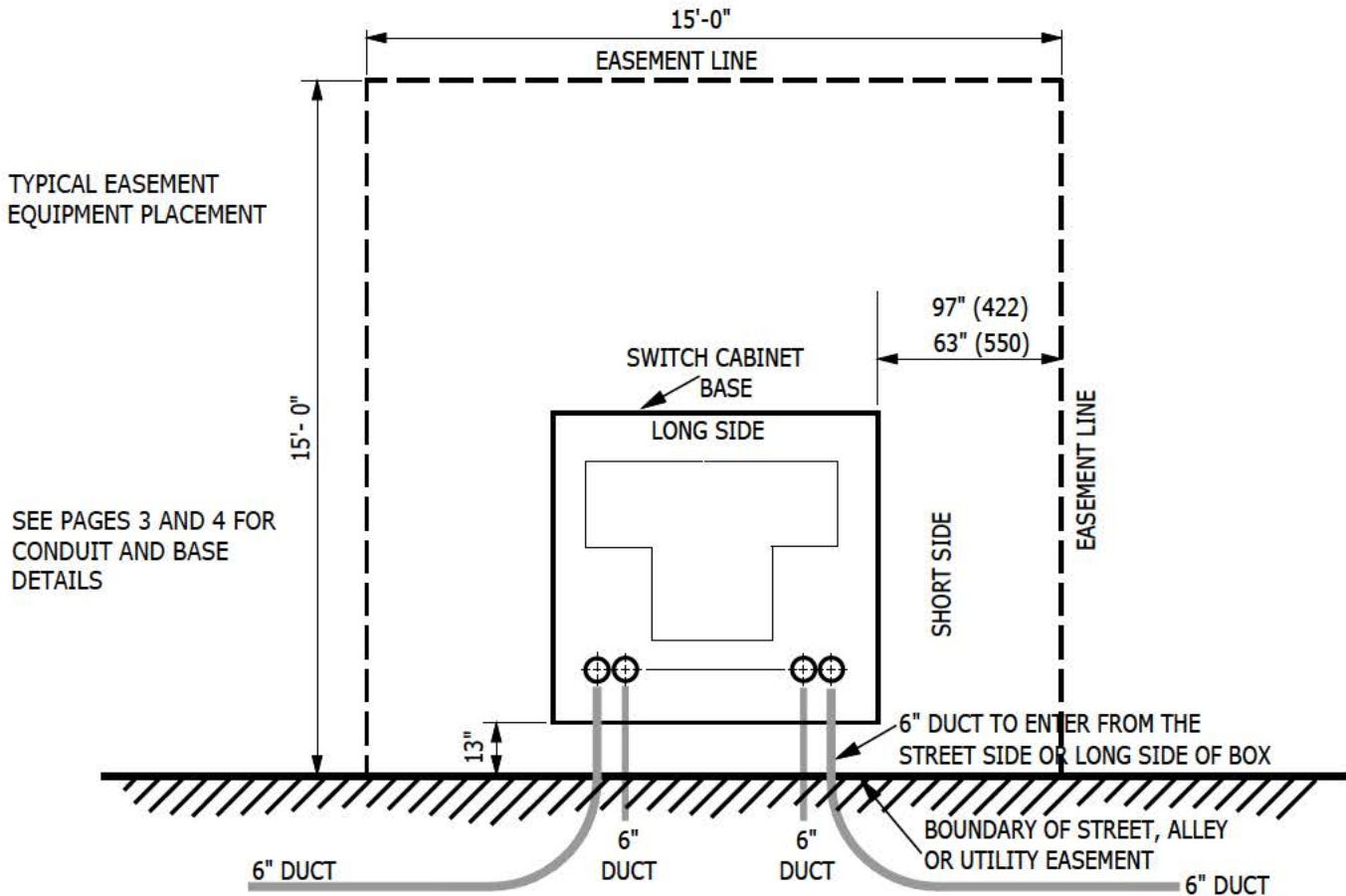


# GAS INSULATED SWITCH INSTALLATION



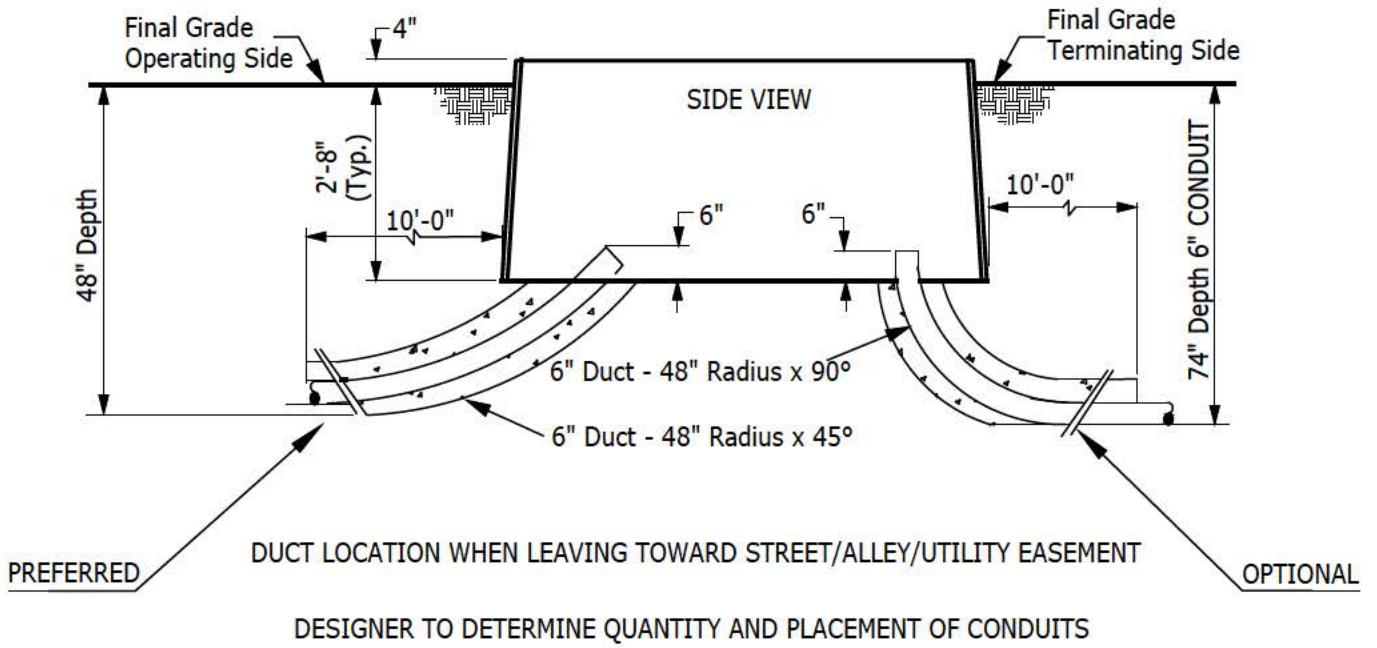
## ITEMS TO BE PROVIDED AND INSTALLED BY CUSTOMER

1. All ducts require 3" min. / 5" max. concrete cap within 10 feet of switch cabinet base, as shown on Page 2.
2. Prior to setting the switch cabinet base, the bottom of the excavation shall consist of a minimum of 3 inches of suitable material graded level and compacted to a minimum relative density of 95% relative to a standard proctor density (ASTM D698) of maximum at optimum moisture content. Suitable backfill shall be placed in 6 inch lifts to grade. Each lift shall be compacted to a minimum relative density of 95% relative to a standard proctor density (ASTM D698) maximum at optimum moisture content.
3. Switch Cabinet Base- Approved manufacturers:  
 Concast Inc.  
 Catalog numbers- 422 Base:FC-69-83-36-V  
 550 Base:FC-69-106-36-V  
 Contact Border States Electric @ 520-294-1414 for obtaining either base.
4. Customer to provide and install (2) 5/8" x 8'-0" ground rods prior to concrete being poured. The top 12" of the rod shall extend above sub-grade. The field tech shall provide the placement location.

### NOTE:

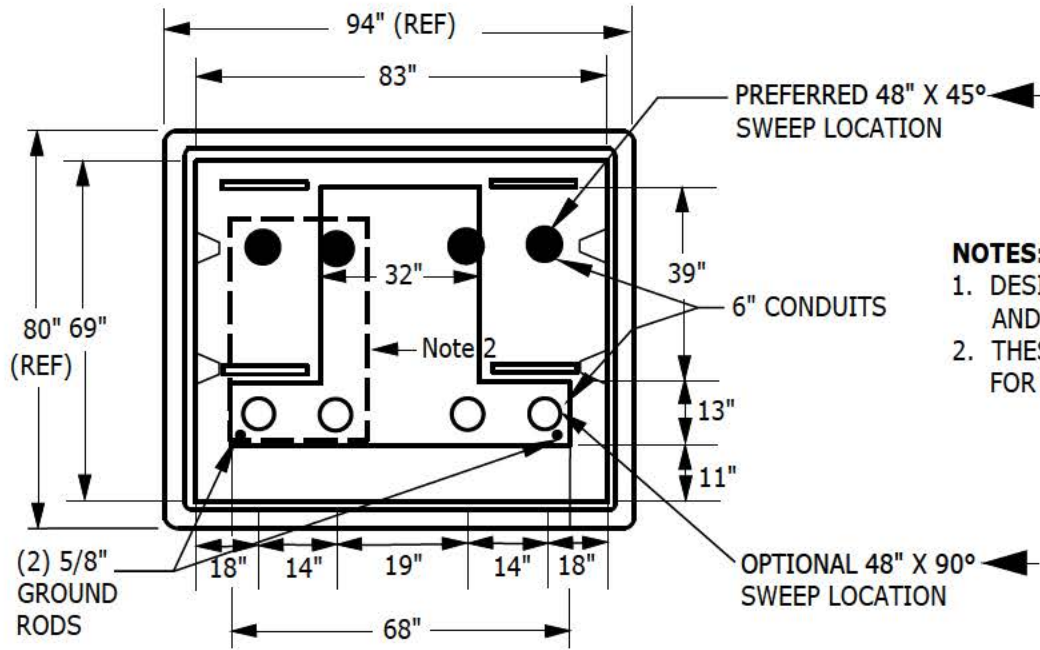
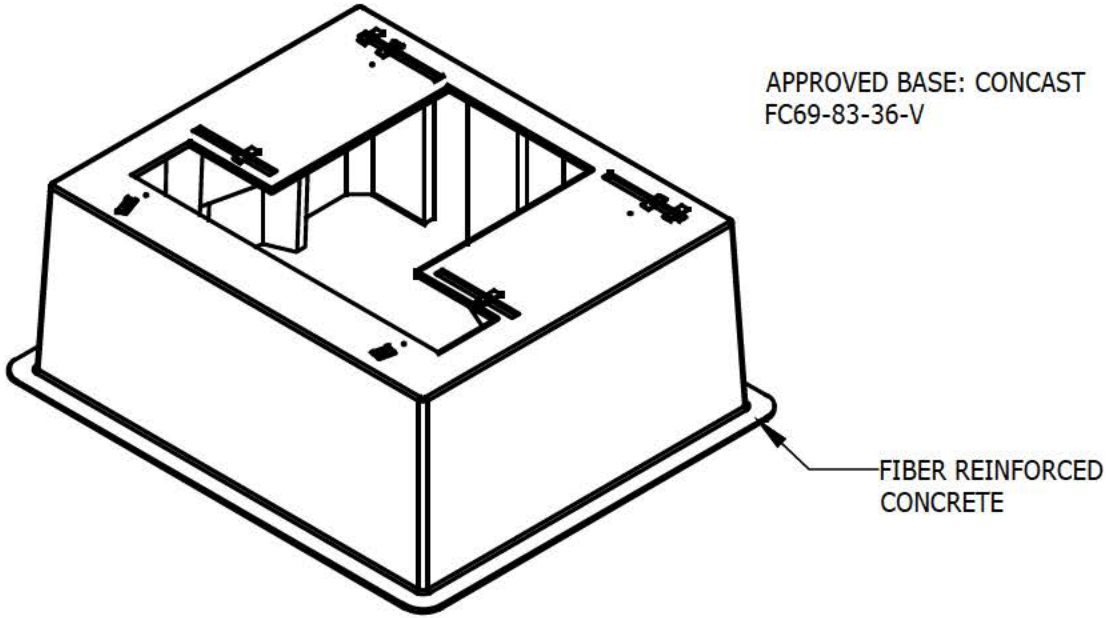
Duct shown for reference only. For exact location and duct size (including sweep(s) for future duct), see construction drawing prepared by TEP or UES. Sweeps for future duct are to be extended one foot beyond their concrete encasement for future attachment.

# GAS INSULATED SWITCH INSTALLATION



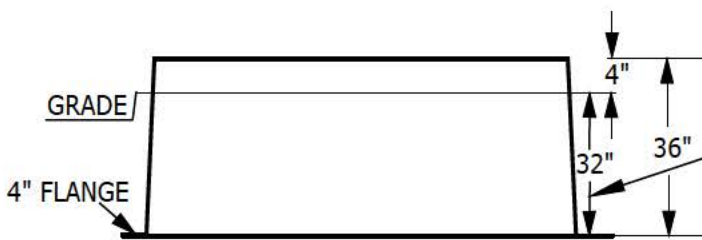
# GAS INSULATED SWITCH - 422 BASE

APPROVED BASE: CONCAST  
FC69-83-36-V



**NOTES:**

1. DESIGNER TO DETERMINE QUANTITY AND PLACEMENT OF CONDUITS
2. THESE POSITIONS ARE DESIGNATED FOR FAULT INTERRUPTION

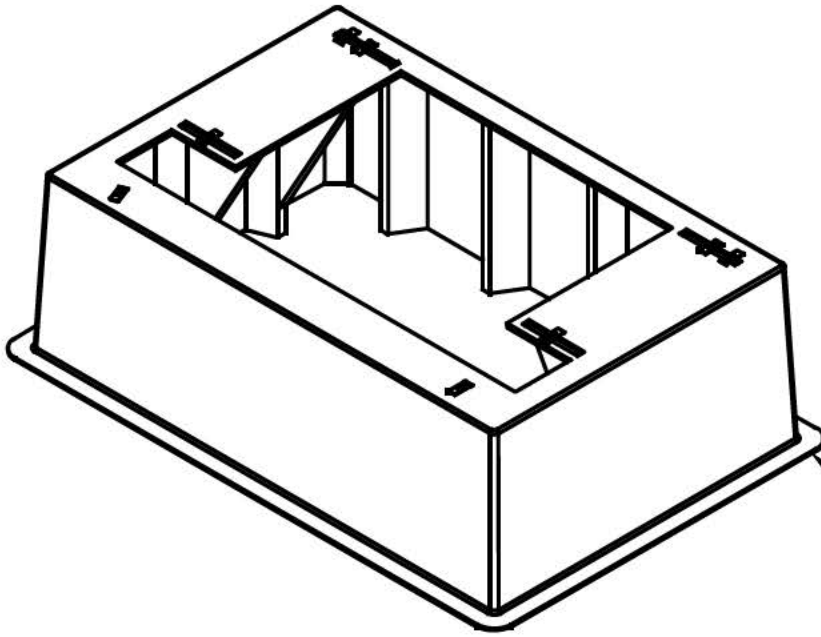


MINIMUM SUB GRADE EXCAVATION DIMENSION IS 32".  
CONTRACTOR IS TO SCHEDULE A CONDUIT PLACEMENT MEETING WITH THE FIELD TECHNICIAN PRIOR TO INSTALLATION.

FITS THE FOLLOWING SWITCH ENCLOSURE SIZES : 61" x 72", 65" x 72", 65" x 79"

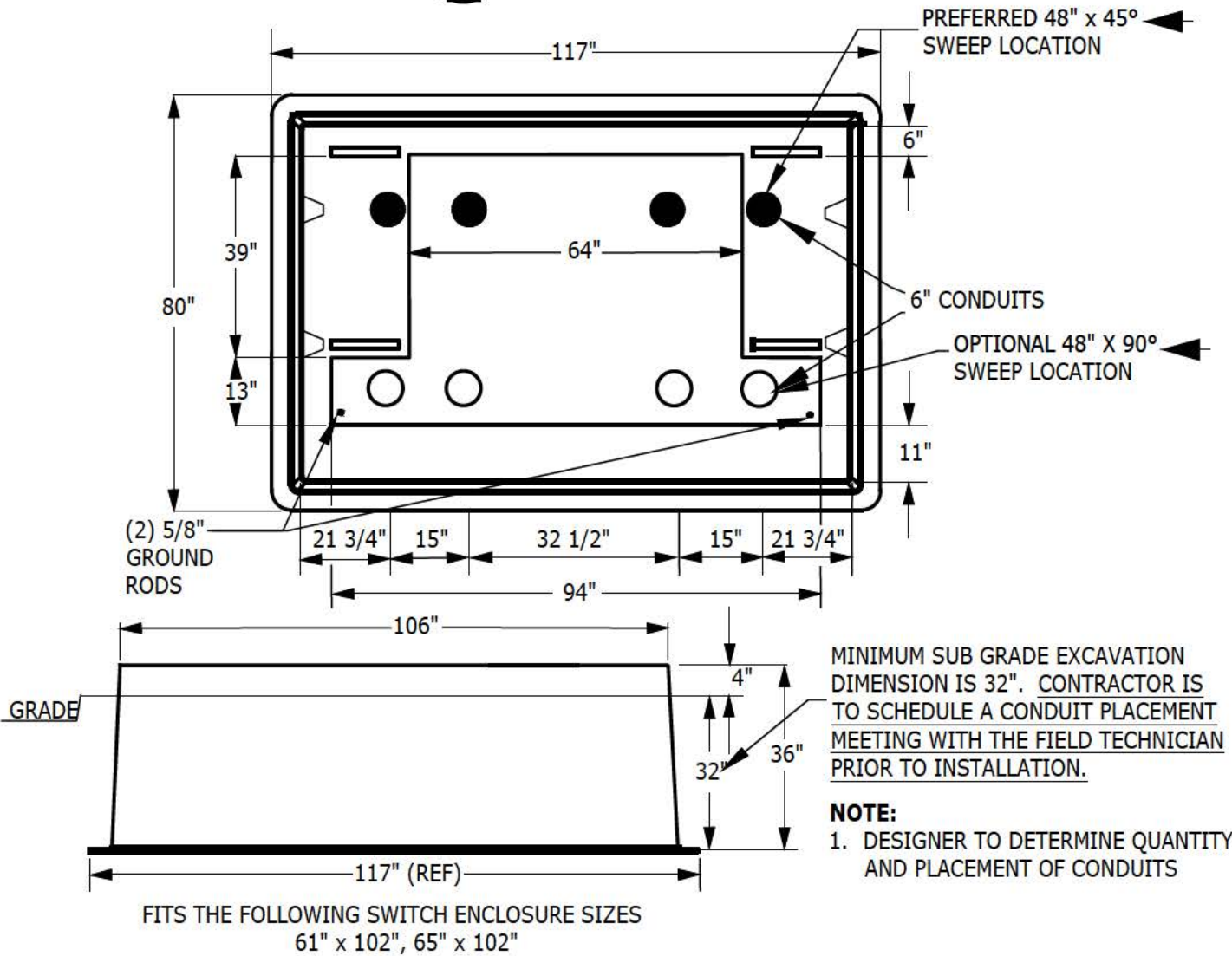
		INITIATED BY	MRH	REVISION NO.	1	<b>SR-242</b> Pg. 3 of 4
		ESR COMM.	7-12	ESR COMM.	5-13	
				EFFECTIVE DATE	6-13	


# GAS INSULATED SWITCH - 550 BASE



APPROVED BASE: CONCAST-FC-69-106-36-V

FIBER REINFORCED CONCRETE



		INITIATED BY	MRH	REVISION NO.	1	<b>SR-242</b> <b>Pg. 4 of 4</b>
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				EFFECTIVE DATE	6-13	