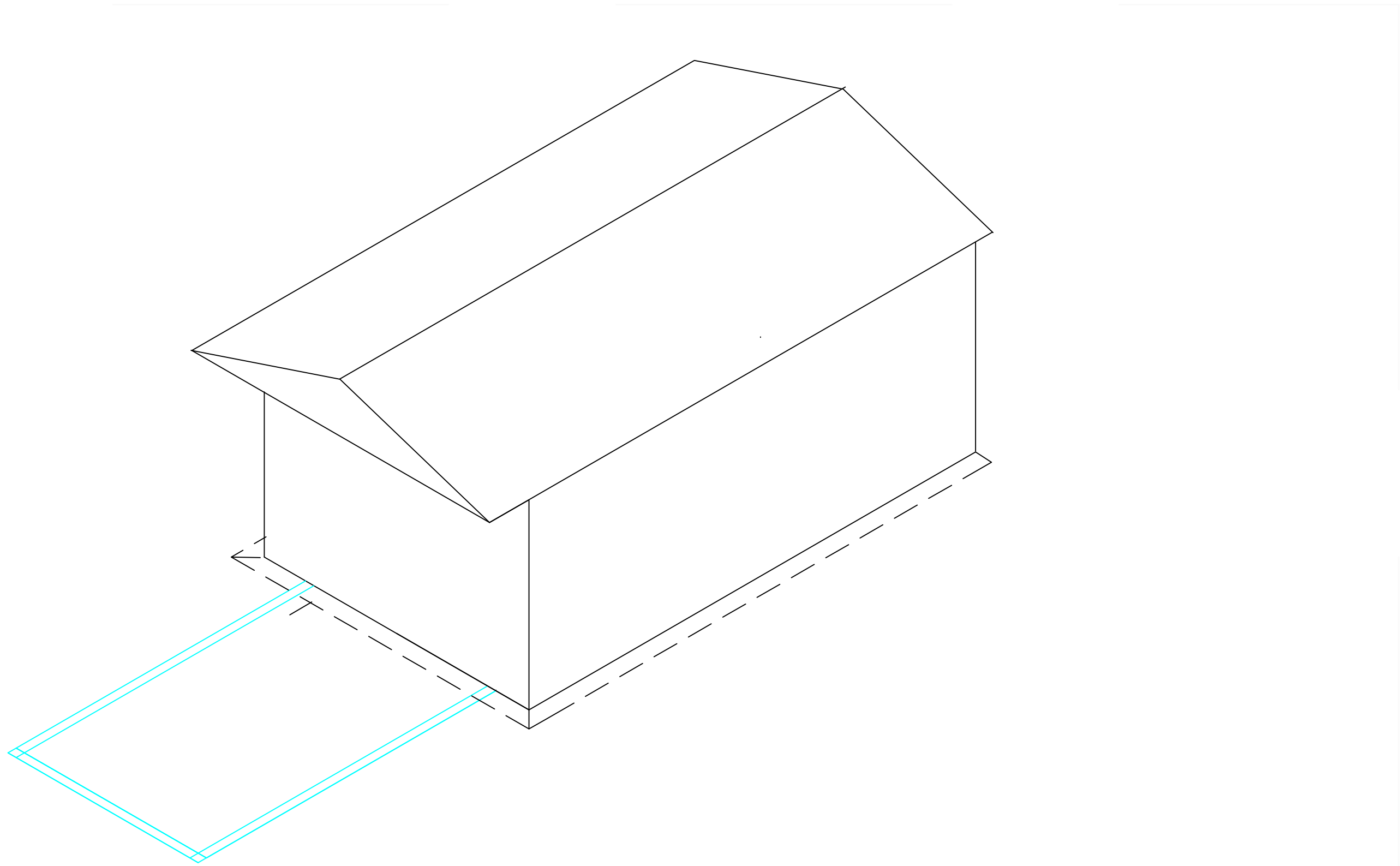
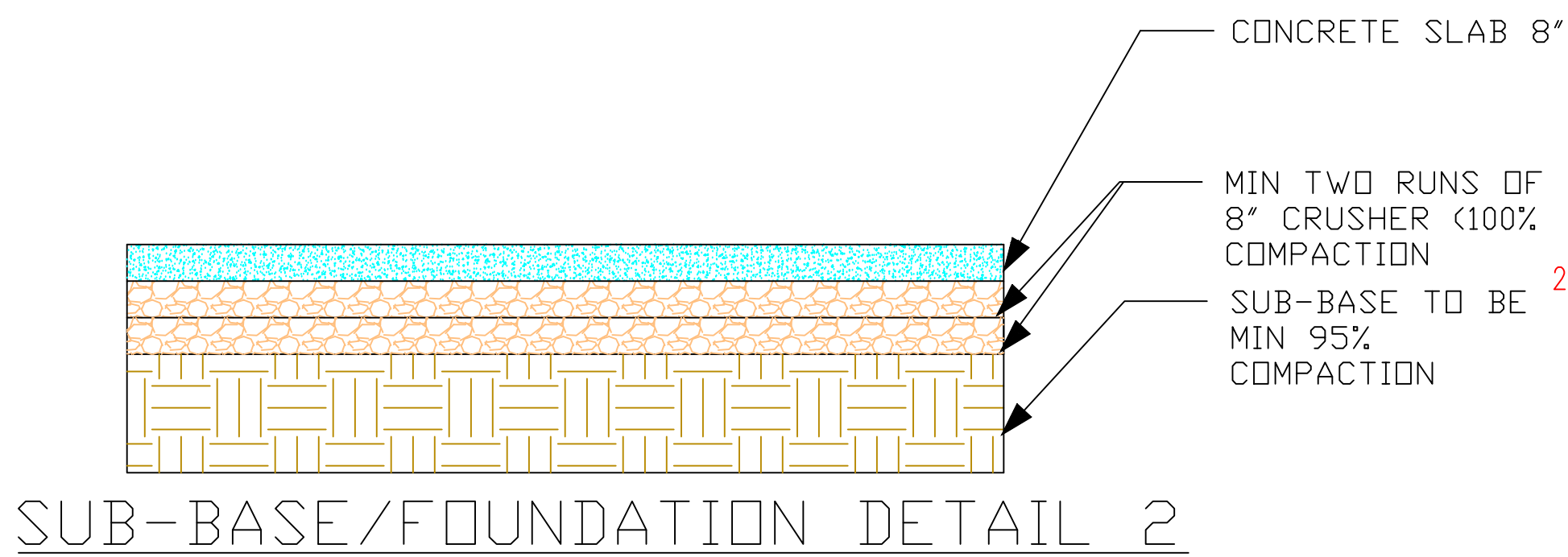


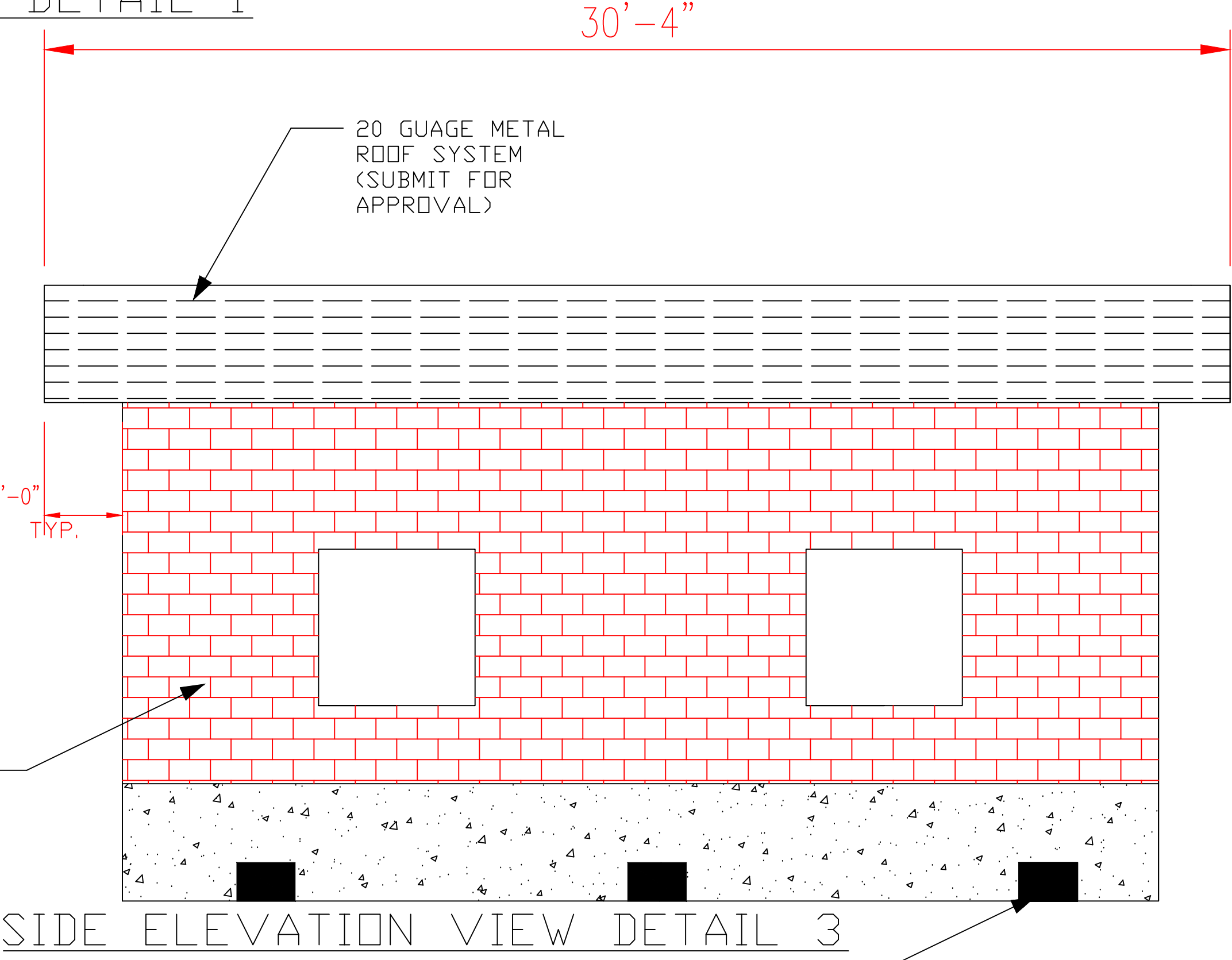
OVERHEAD MECHANICAL HOIST SYSTEM:  
CONTRACTOR TO PROVIDED AND INSTALLED AN OVERHEAD HOIST SYSTEM THAT CAN TRAVERSE THE ENTIRE AREA OF THE BACKFLOW PREVENTER TO THE DOUBLE DOORS. THE HOIST SYSTEM SHALL BE ABLE TO HANDLE A MIN 1/2 TONS. CONTRACTOR TO SUBMIT FOR GOVERNMENT APPROVAL BEFORE INSTALLATION.



ISOMETRIC VIEW



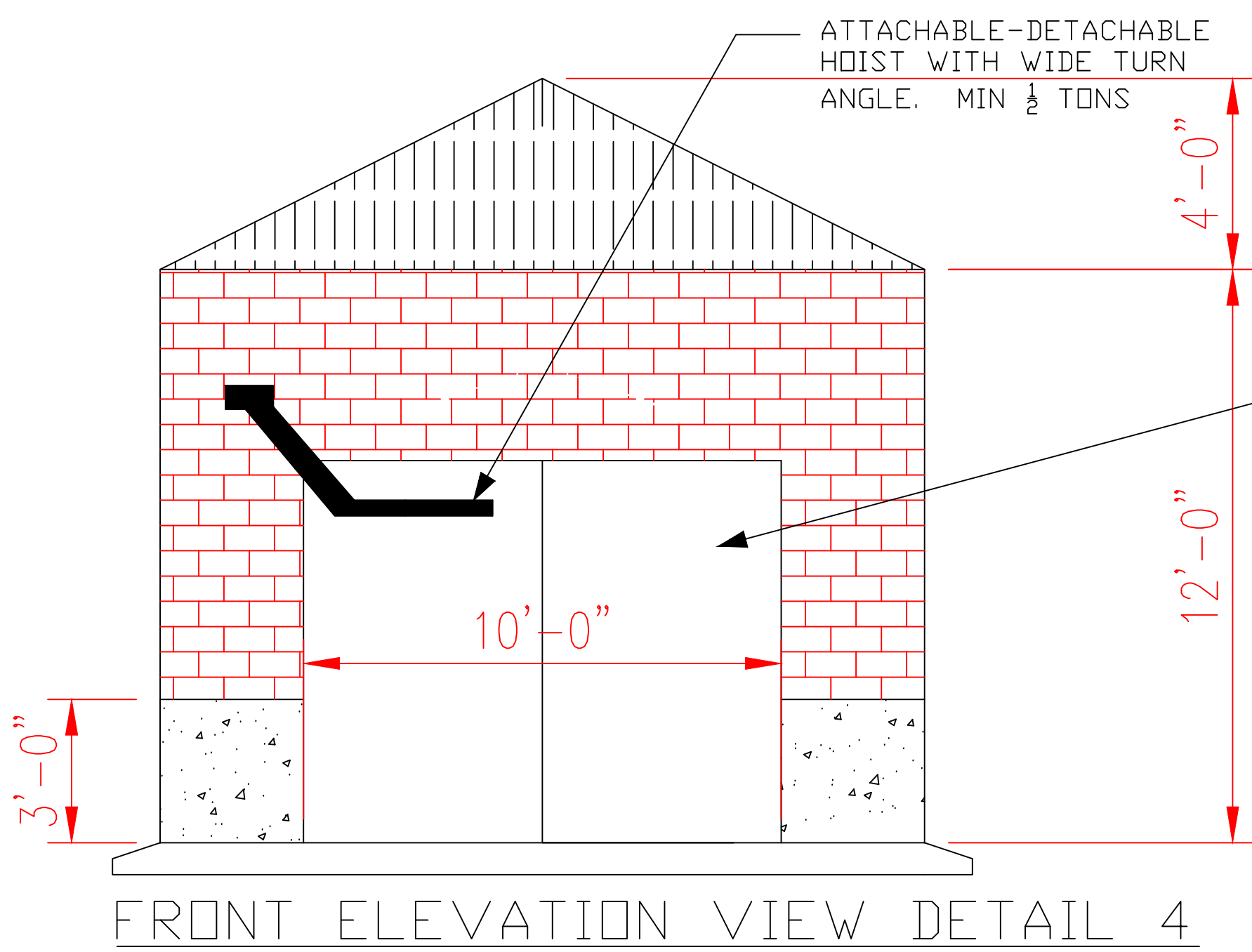
NOTE:  
FOUNDATION / SLAB DESIGN SHALL BE DESIGN IN REFERENCE TO S-001 AND GENERAL DETAIL FOUND WITHIN CONTRACT DOCUMENTS. DESIGN MUST BE STAMPED BY A PROFESSIONAL ENGINEER



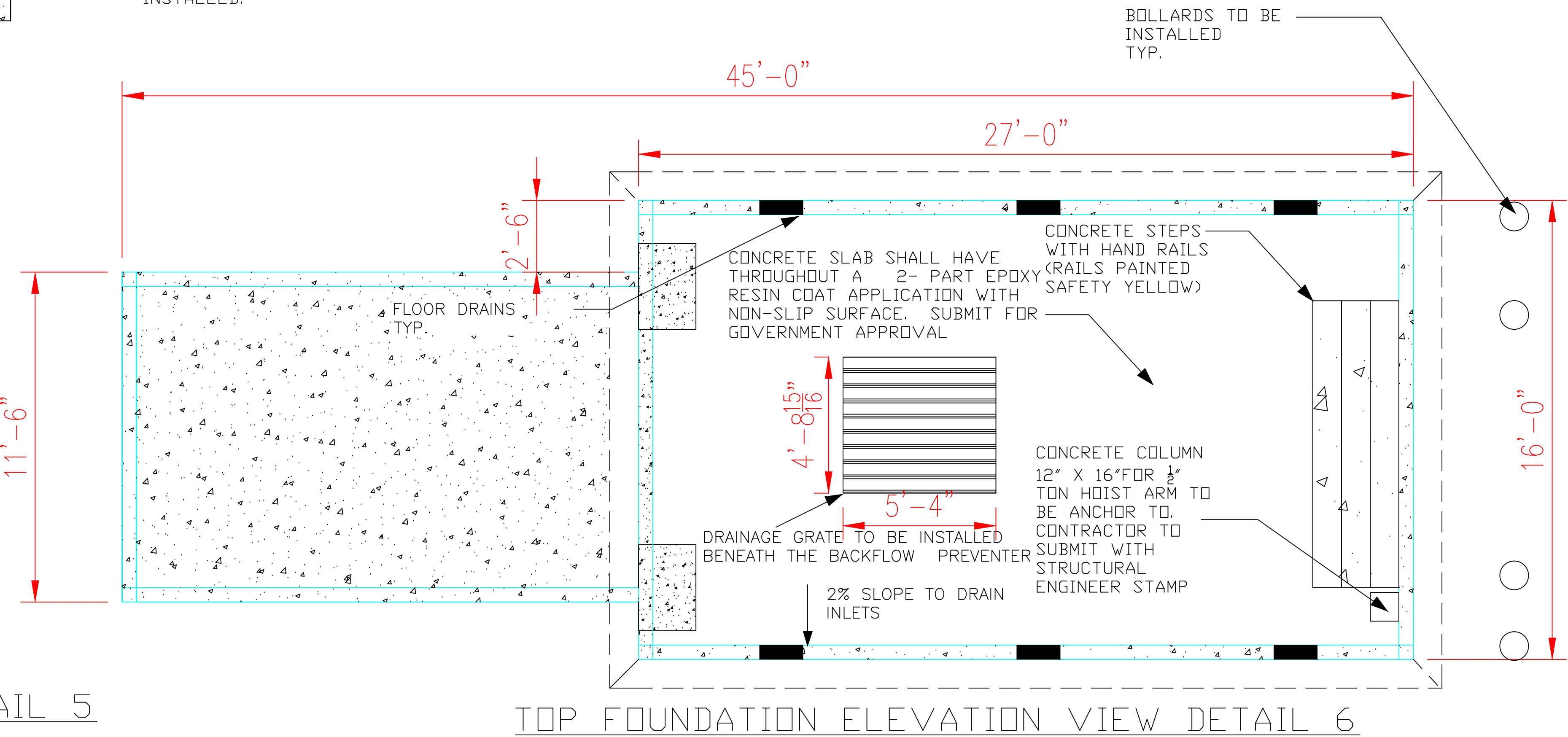
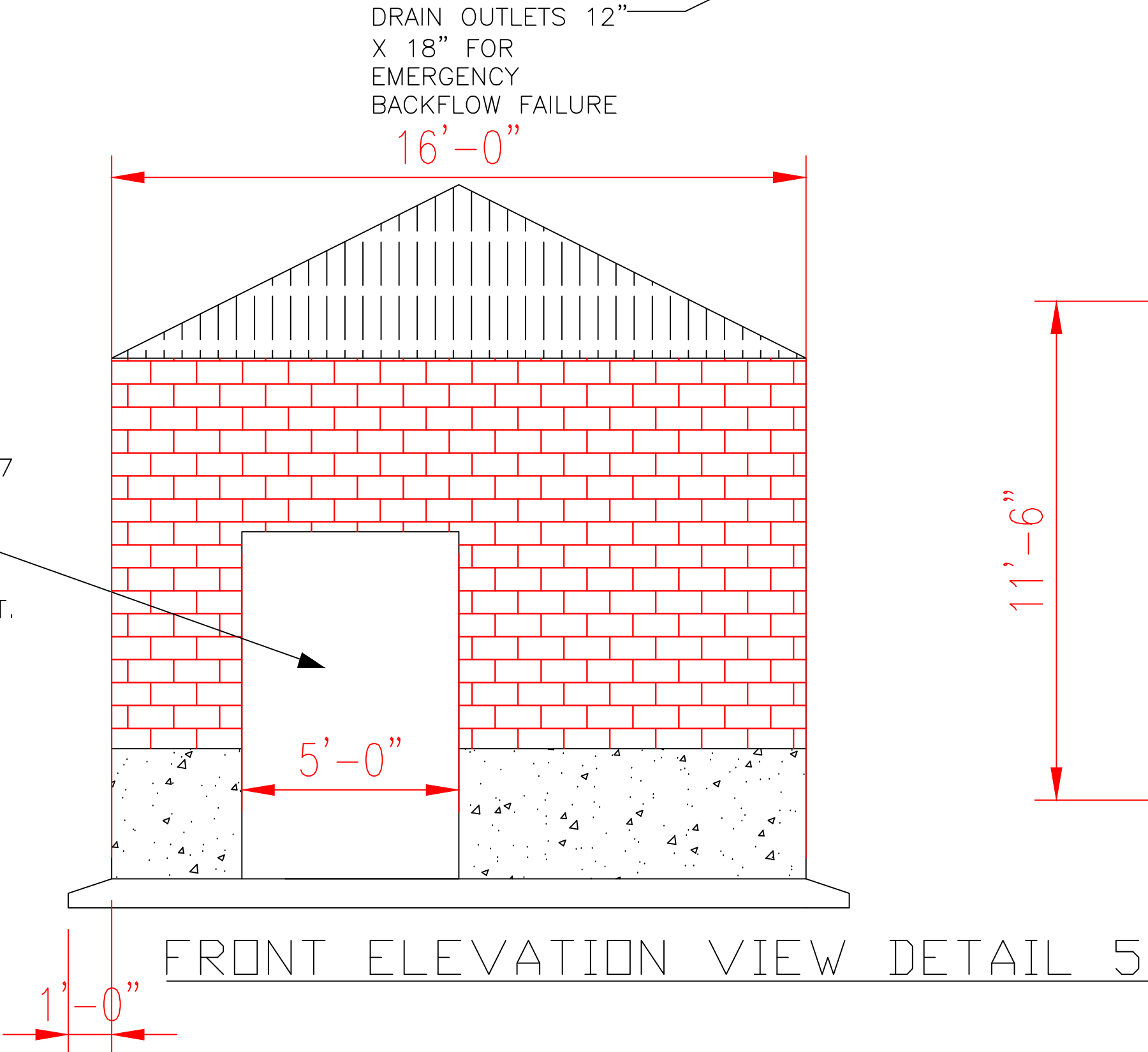
NOTES:  
CONTRACTOR TO ASSUME UNSUITABLE SOILS. CONTRACTOR TO ACQUIRE THE SERVICE OF GEOTECHNICAL ENGINEER TO TEST THE SOIL AND THERE RECOMMENDATIONS ALONG WITH STRUCTURAL ENGINEER SHALL BE NOTED ON SHOP DRAWING OF WATER VAULT STRUCTURE. THE DETAIL PROVIDED IS FOR TWO 8' LIFTS OF CRUSHER RUN AT 100% COMPACTION ON SUB-BASE MATERIAL RECOMMENDED BY SHOP DRAWINGS. CONCRETE SLAB SHALL BE REINFORCED WITH MIN #5 REBAR UNLESS STAMP AND APPROVED BY A REGISTER ENGINEER TO USE OTHER MATERIAL. CEILING FAN SHALL BE PROVIDED AND INSTALLED WITH MIN 50CFM TO CIRCULATE THE AIR. AIR MONITORING SENSORS SHALL BE PROVIDED AND INSTALLED.

DRAINAGE:  
DRAIN OUTLES SHALL STAINLESS STEEL. DRAIN INLET SHALL HAVE A REMOVABLE DRAIN COVER/CAP, SLOTTED, OR PERFORATED, TO PREVENT RODENT ACTIVITY. NECESSARY STEPS MUST BE TAKEN TO PROTECT DRAIN OUTLET FROM DAMAGED OR BEING COVERED OVER. FRENCH DRAINS WILL NOT BE ACCEPTED AS AN ALTERNATIVE FOR DRAINAGE. DRAINPIPE SHALL PROVIDE POSITIVE DRAINAGE FOR ABOVE NORMAL FLOOD LEVELS.

ACCESS HATCHES:  
EACH HATCH SHALL HAVE NON-TRAFFIC PEDESTRIAN RATED EPOXY PAINTED SAFETY ORANGE SAFETY GRATE SYSTEM FOR FALL THROUGH PROTECTION AND CONTROLLED CONFINED SPACE ENTRY RED STEEL HOLD OPEN ARM. HINGES SHALL BE HEAVY DUTY STAINLESS STEEL. EXTERIOR OF FRAME SHALL BE COATED WITH PROTECTIVE BLACK PRIMER. EACH HATCH TO BE SUBMITTED TO THE GOVERNMENT FOR REVIEW AND APPROVAL.



DOUBLE / SINGLE COMMERCIAL STEEL MECHANICAL DOORS. CORE CYLINDERS TO BE 7 PIN MORTISE OR EQUIVALENT. CONTRACTOR TO SUBMIT SHOP DRAWINGS AS PER SPECIFICATION FOR GOVT. APPROVAL



Revision	Date


RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF STAFF	Date
CHIEF OF SERVICE	Date	ASSOC. DIR. for OPERATIONS	Date
ASSOC. DIR. PATIENT CARE SVC.	Date		
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Project Title	SHELTER STRUCTURE
Approved: Safety Manager/M&O Supervisor	
Approved:Chief of Facilities Management Svr.	

Project Title	REBUILD BACKFLOW PREVENTERS & SHELTERS
Building Number	CAMPUS
Checked	BLF
Location	W.G.(Bill) Hefner Medical Center 1601 Brenner Ave Salisbury NC 28144

Date	01 OCT 2013
Project No.	659-14-005
DRAWING NO.	S-101
DWG. 10 OF 14	

