

ENGINEERED TIMBER

- ENGINEERED TIMBER (NOT NOMINAL 2-INCH SOLID SAWED LUMBER) IS SHOWN ON THE DRAWINGS AS "BLUE-LAM BEAM," "I-JOIST," "RIM-BOARD," "LVL," ETC. THESE MATERIALS ARE MANUFACTURED USING COMPOSITE LUMBER COMPONENTS.
- ALL PRODUCT INDICATIONS AND SIZES SHOWN IN THESE DRAWINGS ARE REFERENCED USING "APA ENGINEERED WOOD SYSTEMS" STANDARDS. WWW.APAWOOD.ORG. ALL PRODUCTS DELIVERED TO THE SITE SHALL BE STAMPED WITH "APA EW'S" & DESIGN STANDARD. ACCEPTABLE MANUFACTURERS ARE: BOISE CASCADE, GEORGIA-PACIFIC, LOUISIANA-PACIFIC, NORDIC. IF OTHER PRODUCTS ARE TO BE USED, THEY MUST BE FROM A NATIONALLY RECOGNIZED MANUFACTURER, AND MUST BE PRESENTED FOR SUBSTITUTION APPROVAL BY THE ARCHITECT. THE PROPOSED SUBSTITUTION SUBMITTAL MUST INCLUDE, THE SOURCE LUMBER YARD, THE NAME AND PHONE NUMBER OF THE YARD'S TECHNICAL SUPPORT, ALL CATALOG DESIGN INFORMATION, AND THE INSTALLATION MANUAL (4 COPIES).
- DESIGN CATALOGS AND INSTALLATION TECHNICAL MANUALS FOR THE PRODUCTS BEING USED SHALL BE ON THE SITE AT ALL TIMES.

GUTTERS AND DOWNSPOUTS

- GUTTERS SHALL BE FIELD ROLLED, SEAMLESS, FROM 0.032 GAUGE ALUMINUM. COLOR SHALL BE SELECTED BY OWNER. PROFILE SHALL BE STANDARD 5 INCH "K". PROVIDE GOOD SUPPORTIVE HANGERS.
- PROVIDE STANDARD DOWNSPOUTS, SIZE 3X4, 6A, 0.019, GENERALLY 2 PER BUILDING SIDE. SEE DRAWINGS FOR LOCATIONS. PROVIDE CONCRETE SPLASH BLOCKS FOR EACH.

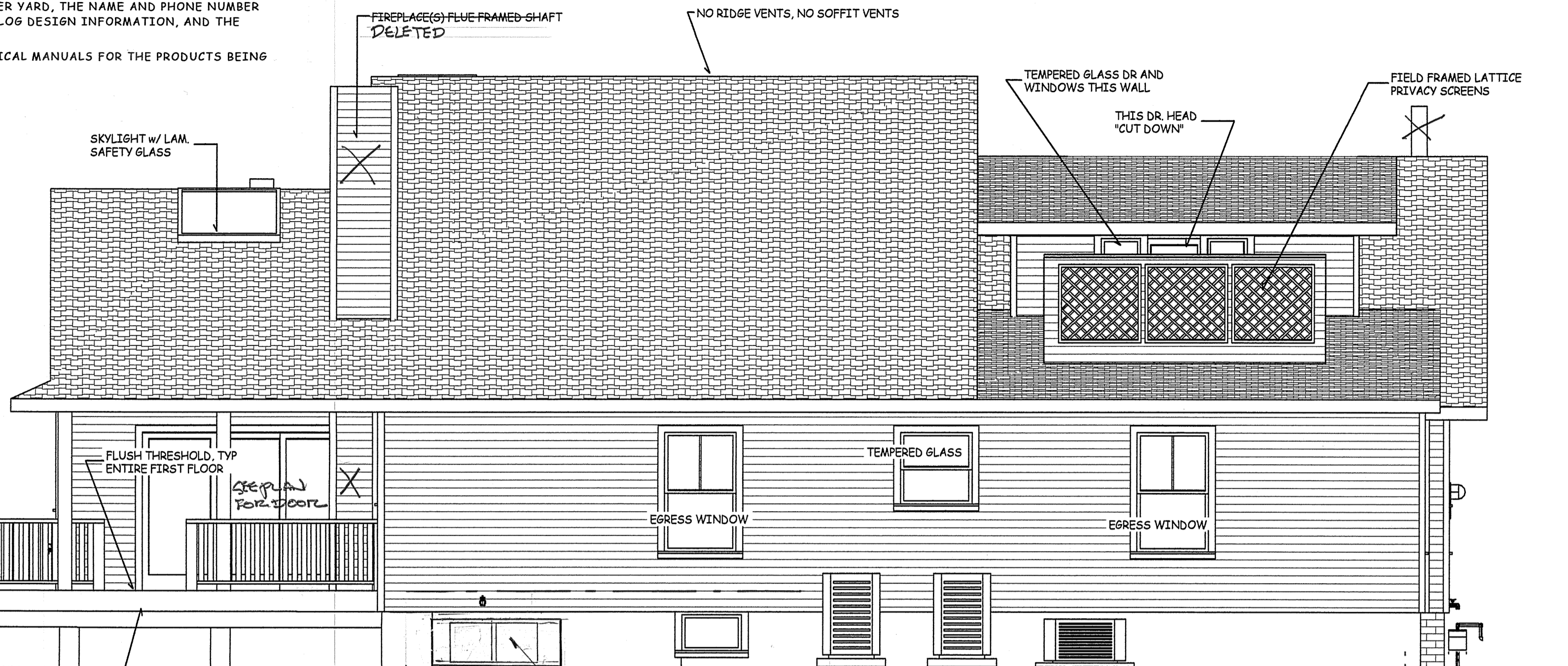
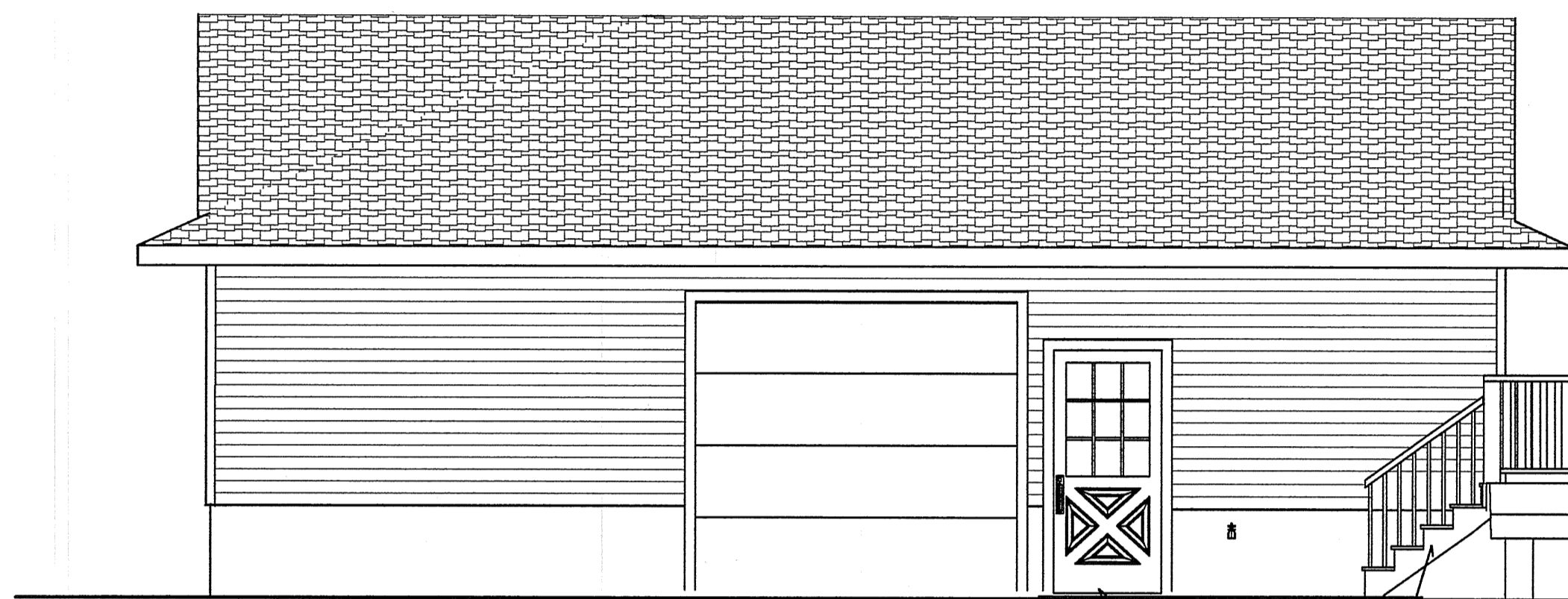
REV. #	DATE	REVISION DESCRIPTION
1	01-13-09	REVISED PER PERMIT REVIEW
2	01-05-2009	FINAL PRELIMINARY REVIEW FOR PERMIT SUBMISSION
3	01-26-2008	START UP

NOT VALID FOR PERMITS UNLESS AFFIXED WITH EMBOSSED SEAL & ORIGINAL SIGNATURE IN RED.

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STEEL BEAMS

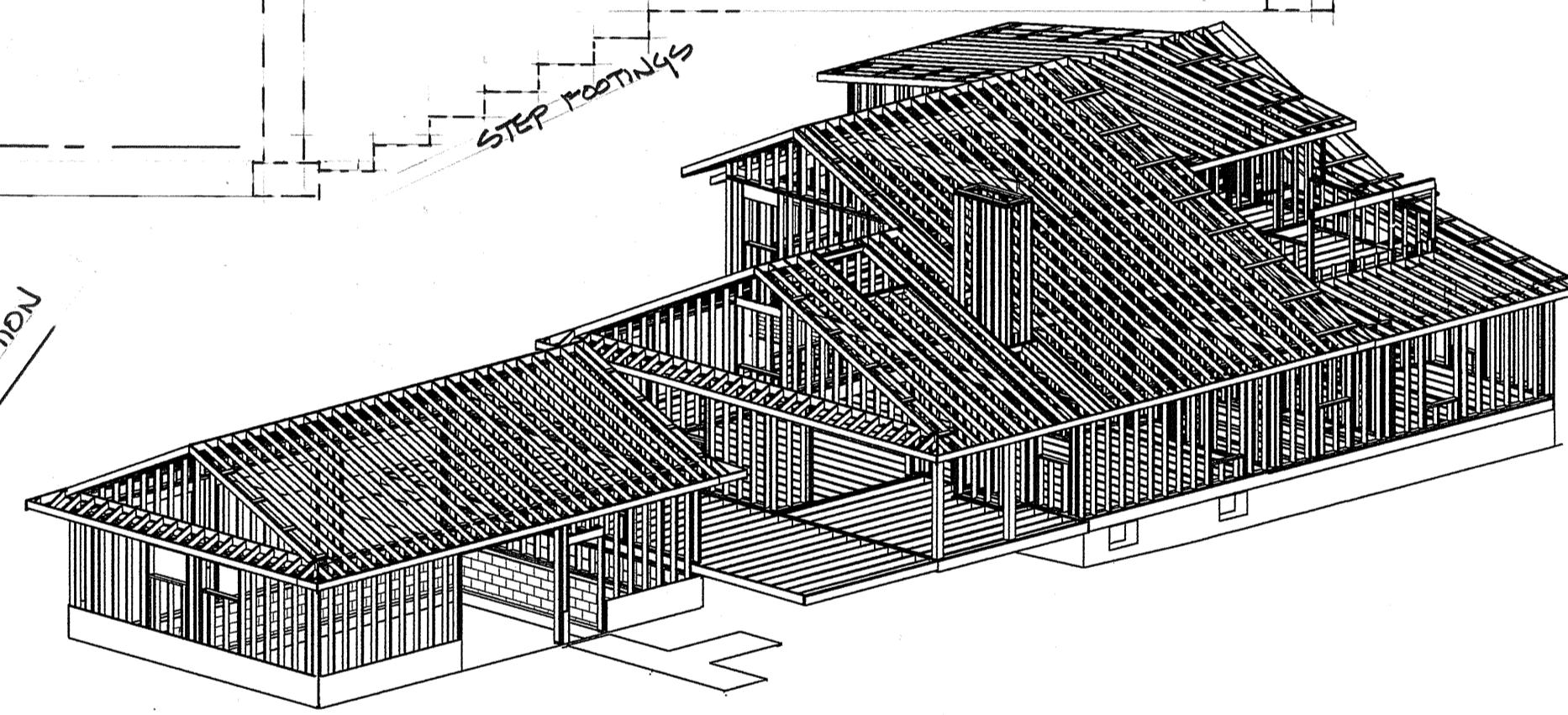
- ORDER STEEL BEAMS PRE-PUNCHED WITH 1/2" DIA. HOLES, WEB AND BOTH FLANGES, 8" O.C. STAGGERED.
- USE 5/16" CARRIAGE BOLTS TO ATTACH TOP & BOTTOM PLATES, OR WEB FILLERS AS REQUIRED.

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NORTH FACING

HOUSE & GARAGE - REAR ELEVATION

SCALE 1/4" = 1'-0"



DECKS - EXTERIOR WOOD FRAMED

- ALL WOOD FRAMING (BEAMS AND JOISTS) SHALL BE PRESSURE TREATED WOOD WHICH SHALL CONTAIN NO ARSENIC. ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD TO BE STAINLESS STEEL OR SPECIAL RATED HEAVY HOT DIPPED GALVANIZED.
- ANCHOR & CONNECTOR DEVISE MANUFACTURER: ALL PRODUCTS TO BE USED AND REFERENCED IN THIS SPEC ARE BY SIMPSON STRONG-TIE. ALL CONNECTORS SHALL BE INSTALLED PER MFG'S RECOMMENDATIONS, BE ATTENTIVE TO NAIL SIZES AND LENGTHS. THE SIMPSON "WOOD CONNECTOR CATALOG" AND SIMPSON "DECK FRAMING CONNECTION GUIDE" SHALL BE ON THE JOBSITE DURING FRAMING. NO ALTERNATE MANUFACTURERS ARE ALLOWED.
- THE WALKING SURFACE OF THE DECK MAY BE ANY MATERIAL RATED FOR THE USE AND EXPOSURE.
- NOTE: TYPICAL DECK LIFE IS 15 YEARS BEFORE REPLACEMENT IS REQUIRED. THE CRITICAL COMPONENTS ARE THE METAL CONNECTORS, INSPECT ANNUALLY.

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SOUTH FACING

HOUSE & GARAGE - FRONT ELEVATION

FOUNDATION DRAINAGE SYSTEM

- SEE DRAWINGS FOR LOCATIONS, GENERALLY AT THE BOTTOM OF ALL BASEMENT FOUNDATION WALLS, OR CRAWLSPACE WALLS IF HIGH WATER TABLES.
- INSTALL 4" DIAMETER PERFORATED PIPE, ABS OR LIGHT WEIGHT PVC. PERFORATIONS SHALL FACE DOWN. PIPE SHALL BE INSTALLED IN MIDDLE OF A 12" BY 12" CLEAN (1/2") STONE FILLED LINEAR TRENCH. TRENCH AND PIPE SHALL BE LEVEL. TRENCH SHALL FIRST BE LINED WITH FILTER FABRIC TO PREVENT CLOGGING OF STONE. THE TOP OF THE PIPE SHALL BE BELOW THE TOP OF THE WALL FOOTING. PIPE SHALL BE CONTINUOUS.
- PIPE SHALL DRAIN OR DISCHARGE TO DAYLIGHT (MEANING RUN LEVEL TO WHERE IT NATURALLY COMES OUT OF GRADE) OR TO A SUMP CROCK WHERE IT CAN BE PUMPED AND DISCHARGED TO EXTERIOR GRADE. IT IS NOT LEGAL TO DISCHARGE SUMP PUMP WATER INTO MUNICIPAL SANITARY SYSTEMS. IT IS BEST IF GRADE ALLOWS "DAYLIGHT" DISCHARGE. IF DAYLIGHT DISCHARGE, THEN MAKE SURE END STRUCTURE IS STRONG ENOUGH TO RESIST DAMAGE FROM NORMAL EXPOSURE OR LANDSCAPING ACTIVITY.

SCALE 1/4" = 1'-0"

FRONT & REAR ELEVATIONS