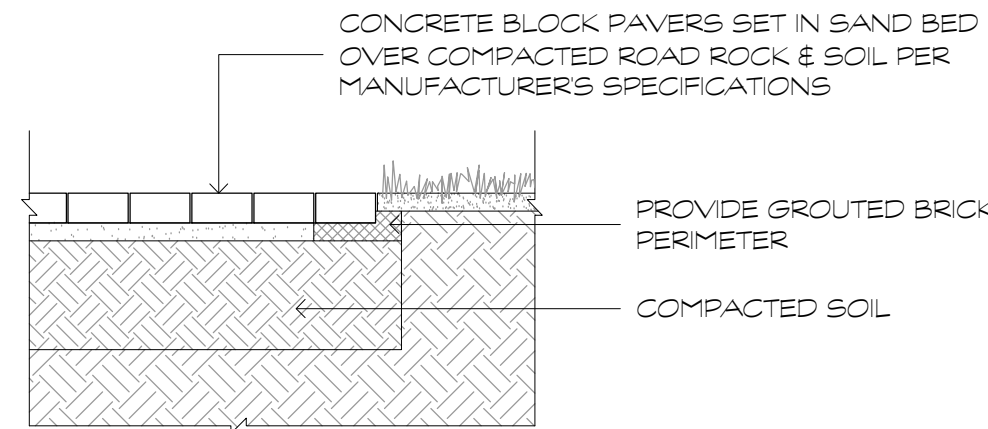
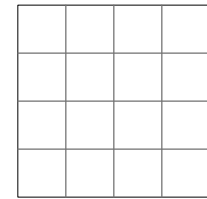
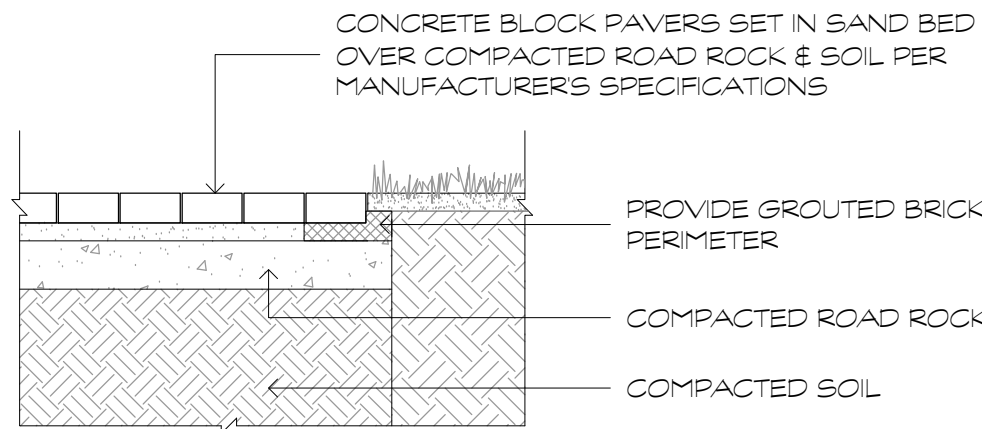




NOTES:
1. PROVIDE SLOPE AS NECESSARY TO SHED WATER FROM PATIOS AND WALKWAYS. SEE SITE PLAN FOR SLOPE DIRECTION AND RETENTION AREAS.



NOTES:
1. CROWN DRIVEWAY AS NECESSARY TO SHED WATER AWAY FROM GARAGE AND TOWARDS PERIMETER SEE SITE PLAN FOR DRAINAGE DIRECTION AND RETENTION AREAS.
2. DRIVEWAY SWALE PER CITY OF FORT LAUDERDALE ENGINEERING DETAIL DW-P-1
3. DRIVEWAY HEADER CURB IN CITY R.O.W. PER CITY OF FORT LAUDERDALE ENGINEERING DETAIL DW-P-1

1
SP-1
**PATIO & WALKWAY
PAVER**
3/4" = 1'-0"

2
SP-1
DRIVEWAY PAVER
3/4" = 1'-0"

SCOPE OF WORK
DEMOLISH EXISTING SINGLE FAMILY HOME AND BUILD NEW HOME ON SAME SITE.

PROJECT DATA
STREET ADDRESS: 511 ISLE OF CAPRI, FORT LAUDERDALE, FL 33301
FLOOD ZONE: AE
BASE FLOOD ELEVATION: 6.0 NVAD
DESIGN FLOOD ELEVATION: 7.0 NVAD

LEGAL DESCRIPTION
LOT 13, BLOCK B, OF RESUBDIVISION IN BLOCKS 3 AND 4 OF VENICE, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 35, PAGE 18, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

ZONING INFORMATION

ZONING DISTRICT: RS-8
Lot area: 8,250 sq. ft.
Minimum front yard: 25 ft.
Minimum side yard: 5 ft.
Minimum rear yard: 15 ft.

AREA CALCULATIONS	
FIRST FLOOR:	2283 SF
SECOND FLOOR:	2385 SF
THIRD FLOOR:	1186 SF
TOTAL CONDITIONED AREA:	5854 SF
GARAGE:	665 SF
TOTAL ENCLOSED AREA:	6519 SF
COVERED PORCH AND BALCONY:	1353 SF
TOTAL UNDER ROOF:	7872 SF

CODES OF REFERENCE
FLORIDA BUILDING CODE/BUILDING 6TH EDITION (2017)
FLORIDA BUILDING CODE/RESIDENTIAL 6TH EDITION (2017)
NFPA 101 LIFE SAFETY CODE 2015 EDITION
FLORIDA FIRE PREVENTION CODE 6TH EDITION (2018)

SITE DRAINAGE CALCULATIONS:

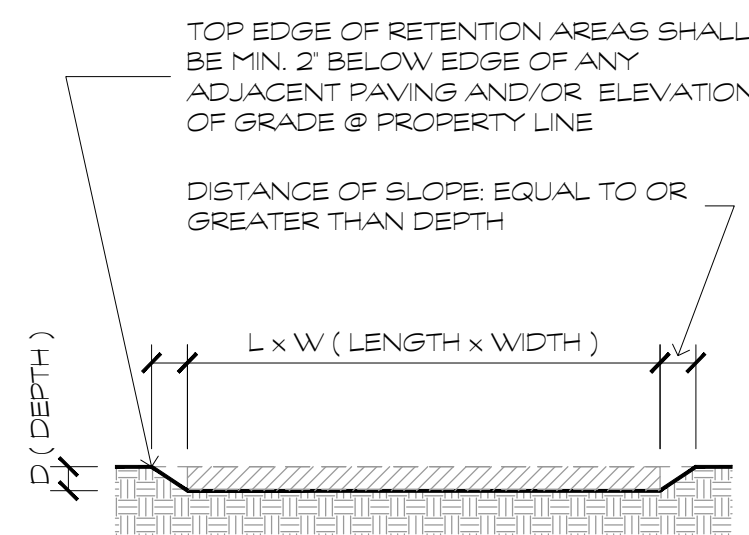
OVERALL SITE AREA = 11,475 S.F.

IMPERVIOUS AREA CALCULATIONS:	
ROOF RAINWATER COLLECTION AREA:	4017 S.F.
REMAINING HARD SURFACE AREA:	3359 S.F.
TOTAL IMPERVIOUS AREA:	7376 S.F.
TOTAL PERVIOUS AREA:	4099 S.F.

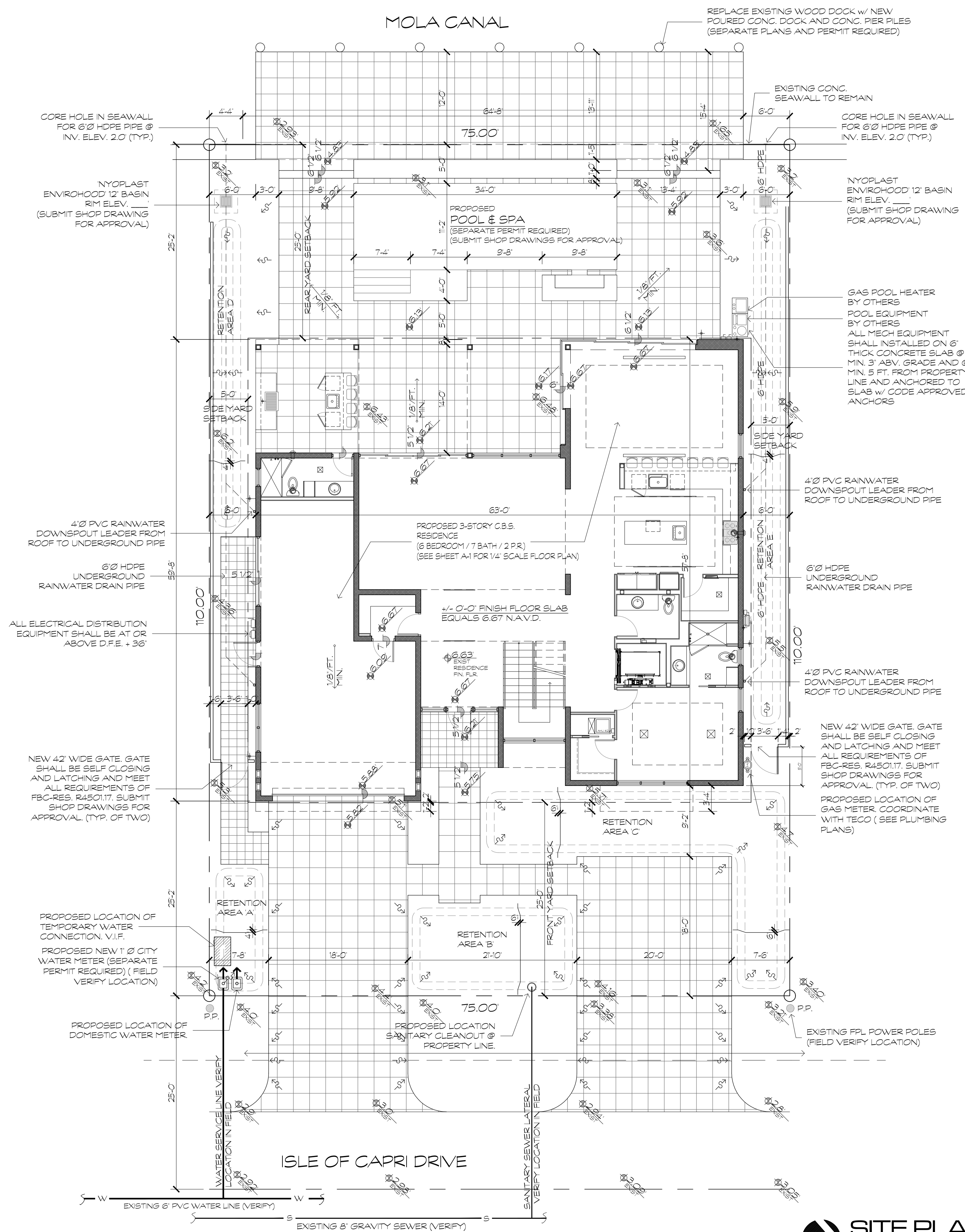
2-1/2' OVER HARD SURFACE AREA = (3359 S.F. DIVIDED BY 12 S.F. / CU.FT.) x 2.5 = 700 CU.FT.
NOTE: @ 50% DRY RETENTION: 700 CU.FT. / 2 = 350 CU.FT.

AREA 'A':	94 S.F. x 33' DEEP =	31 CU.FT.
AREA 'B':	217 S.F. x 5' DEEP =	109 CU.FT.
AREA 'C':	409 S.F. x 5' DEEP =	205 CU.FT.
AREA 'D':	135 S.F. x 33' DEEP =	45 CU.FT.
AREA 'E':	223 S.F. x 33' DEEP =	74 CU.FT.
		464 CU.FT.

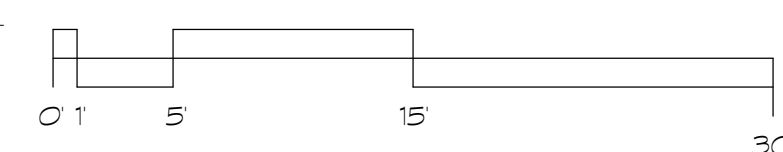
TOTAL RETENTION AREA PROVIDED = 464 CU.FT.
TOTAL RETENTION AREA REQUIRED = 350 CU.FT.

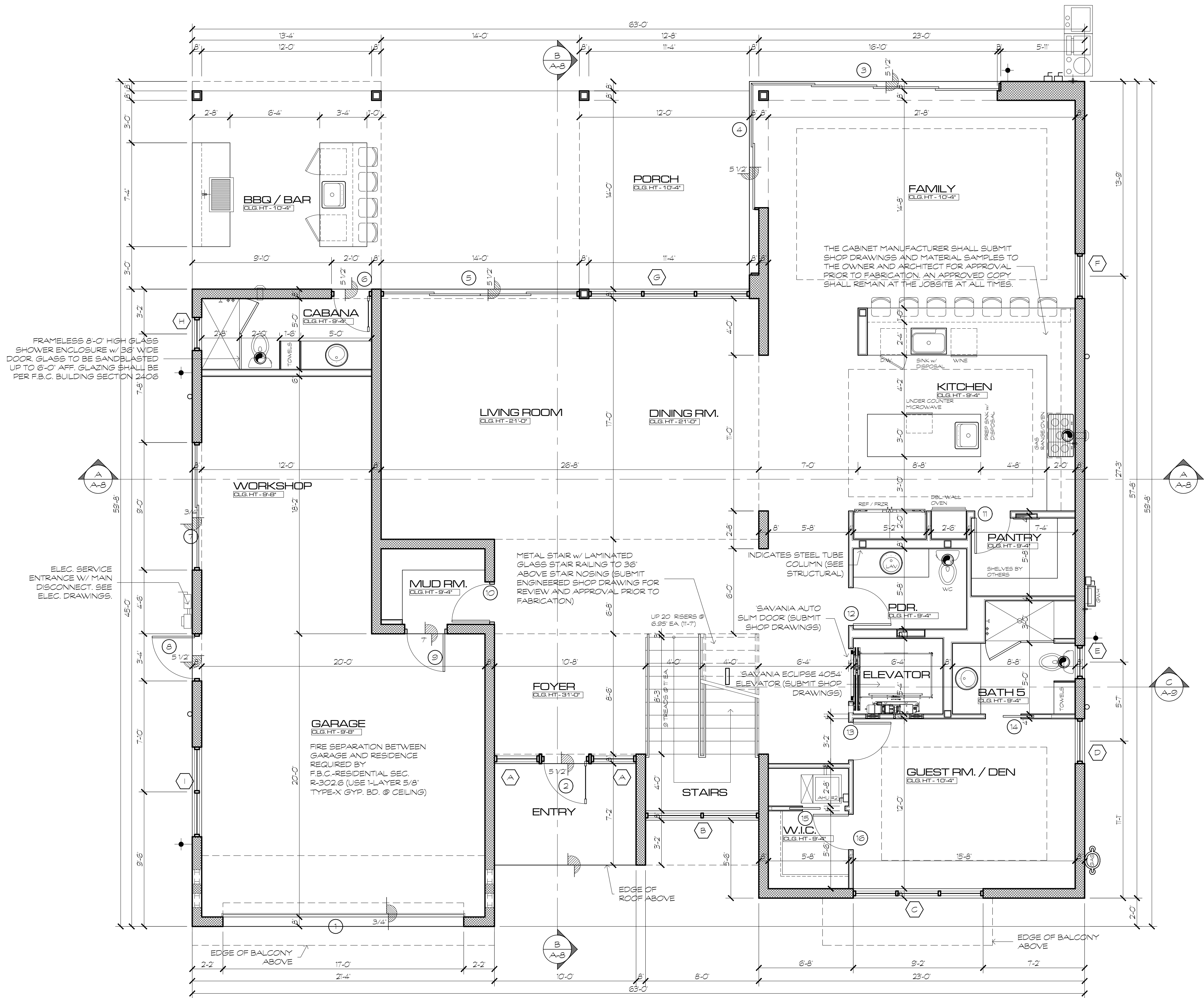


3
SP-1
RETENTION AREA PROFILE
1/4" = 1'-0"

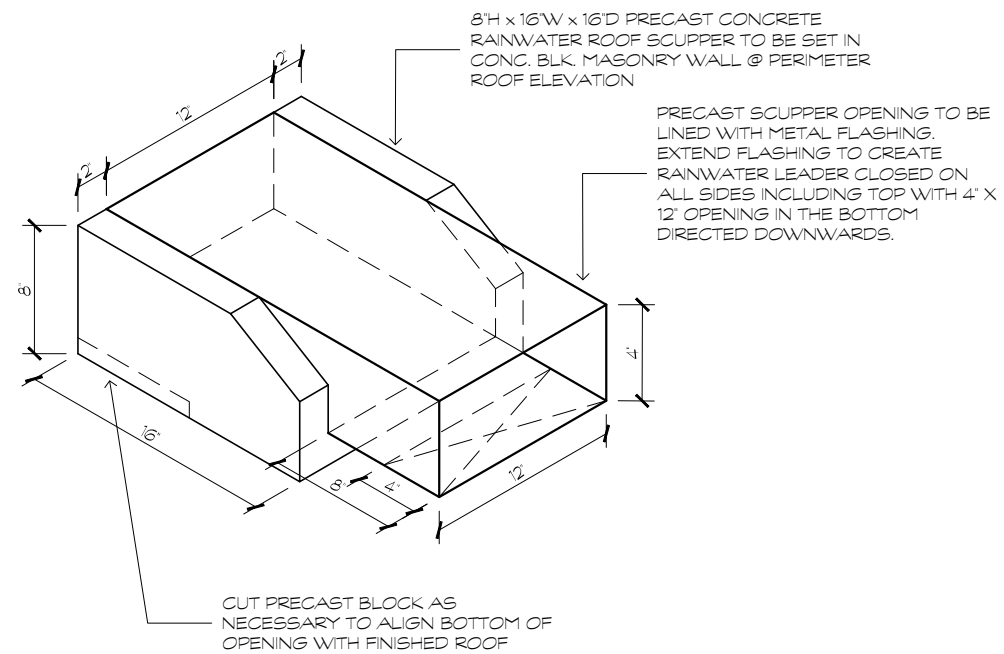


SITE PLAN
SCALE: 1/8" = 1'-0"

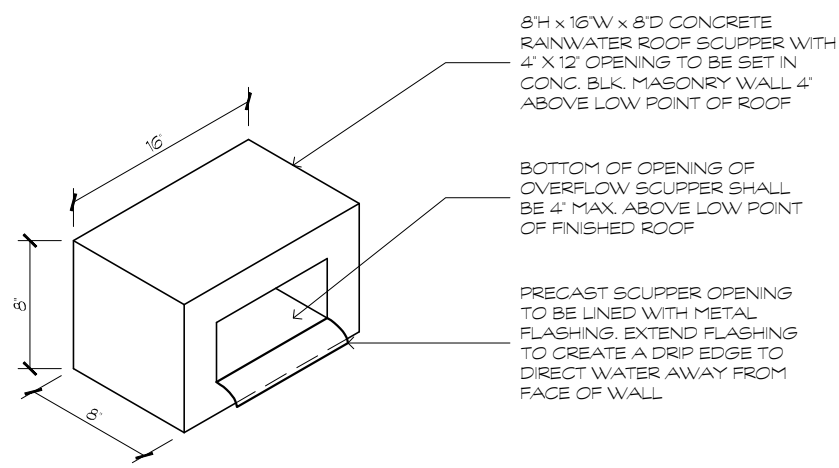




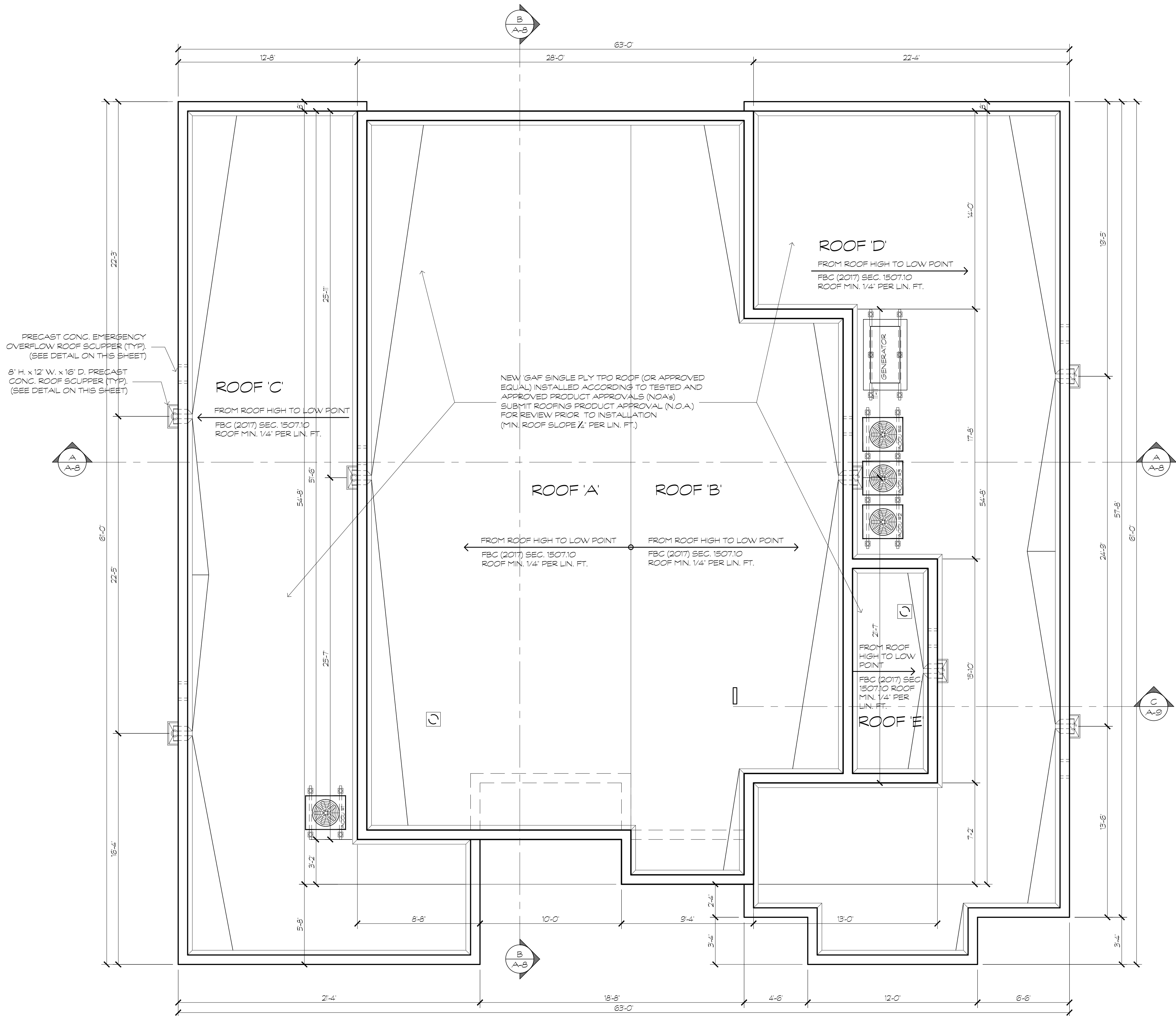
FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 PRIMARY SCUPPER DETAIL
1-1/2" = 1'-0"



2 OVERFLOW SCUPPER DETAIL
1-1/2" = 1'-0"



ROOF DRAINAGE CALCULATIONS

ROOF	ROOF AREA	1/2 PARAPET AREA	TOTAL AREA	GPM OF DRAINAGE DEMAND	PRIMARY DRAINAGE PROVIDED (EACH 4\"/>
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GPM DEMAND BASED ON 4.5\"/>

SECONDARY DRAINAGE SHALL BE PER FBC-P SECTION 110.8.

ROOF PLAN
SCALE: 1/4" = 1'-0"

