

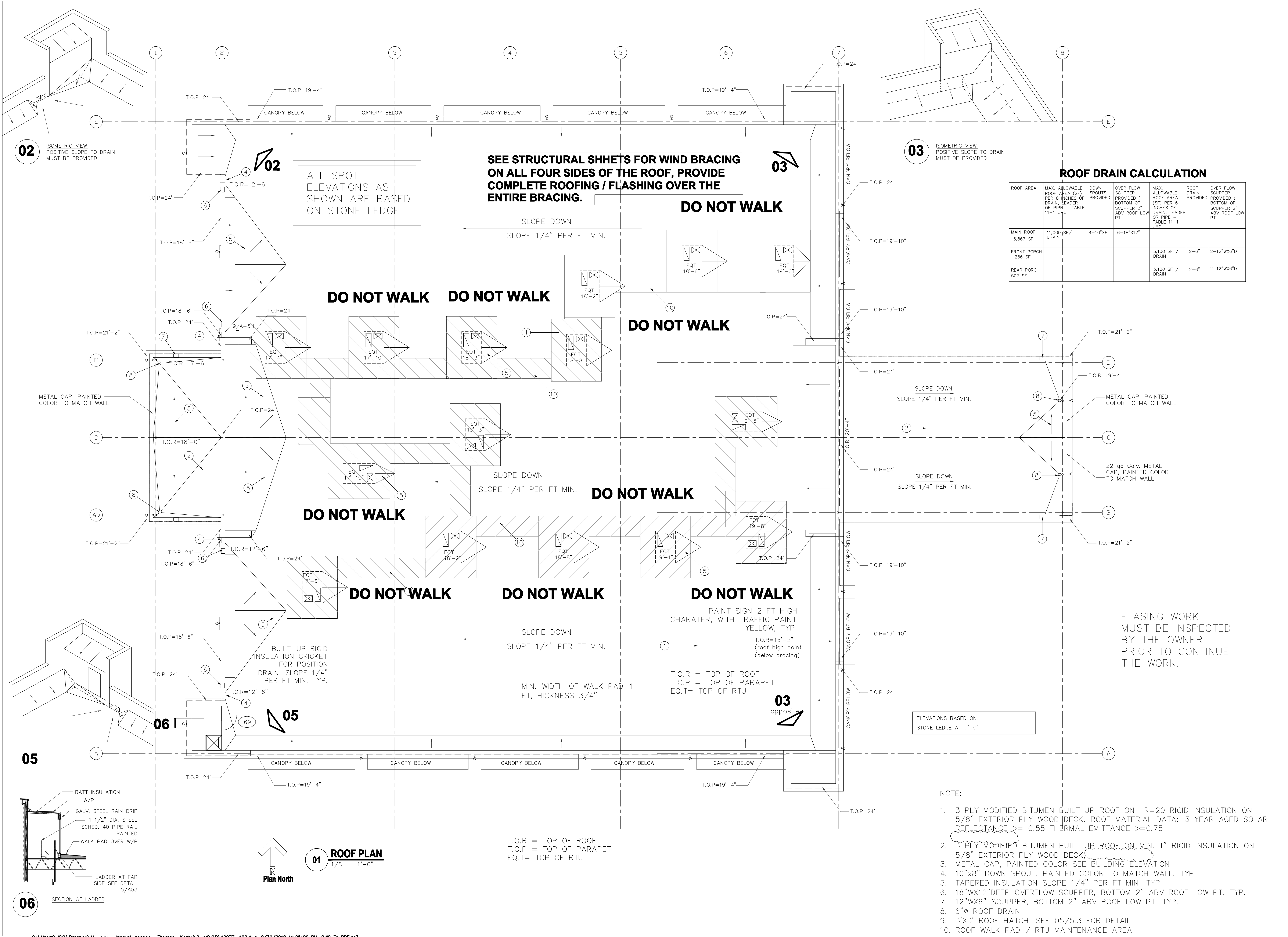
REVISIONS AND ISSUANCE		
NO.	DATE	DESCRIPTION
1	08/13/2017	PRICING addendum 1
2	08/30/2018	

IVY KIDS EARLY LEARNING CENTER
4434 CR 94
Manvel, Tx 77578



DRAWING TITLE	
ROOF PLAN	
DRAWN BY	CHECKED BY
DATE	JOB NO.
DRAWING NO.	

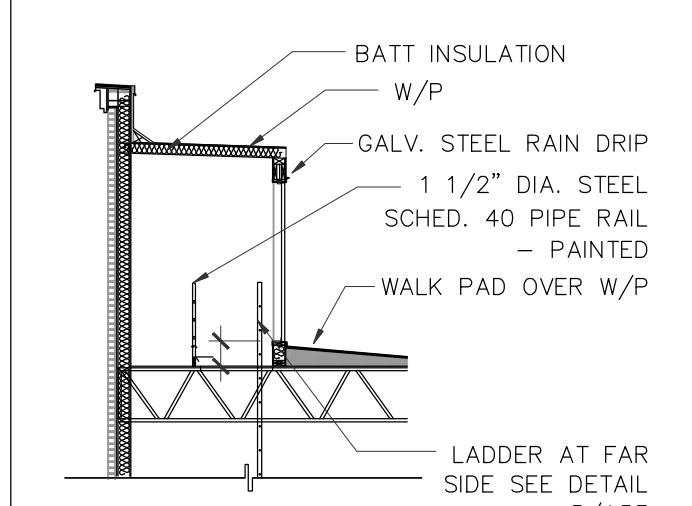
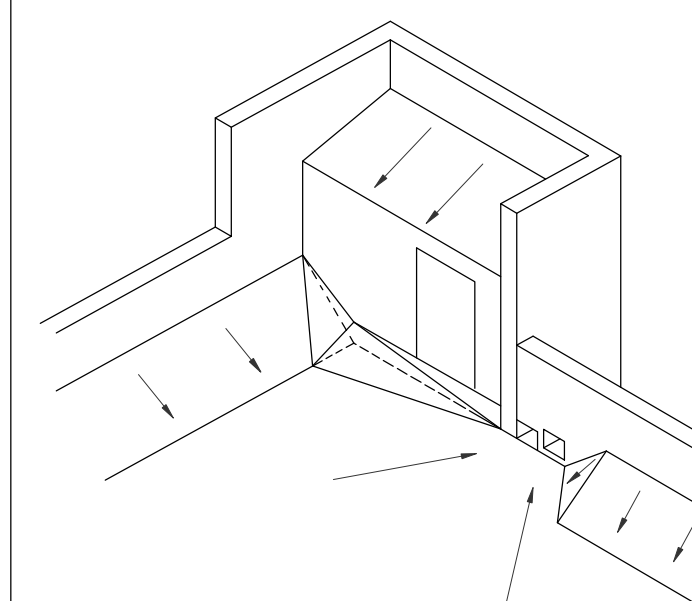
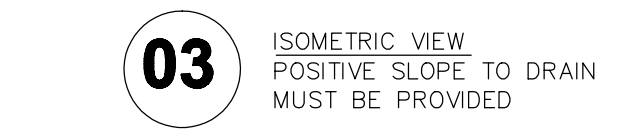
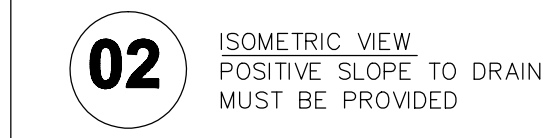
A-2.2



ROOF DRAIN CALCULATION

ROOF AREA	MAX. ALLOWABLE ROOF AREA (SF) PER 8 INCHES OF DRAIN LEADER OR PIPE - TABLE 11-1 UPC	DOWN SPOUTS PROVIDED	OVER FLOW SCUPPER PROVIDED (BOTTOM OF SCUPPER 2\"/>			
MAIN ROOF 15,867 SF	11,000 SF / DRAIN	4-10"x8"	6-18"x12"			
FRONT PORCH 1,256 SF				5,100 SF / DRAIN	2-6"	2-12"wx6"D
REAR PORCH 507 SF				5,100 SF / DRAIN	2-6"	2-12"wx6"D

- NOTE:**
- 3 PLY MODIFIED BITUMEN BUILT UP ROOF ON R=20 RIGID INSULATION ON 5/8" EXTERIOR PLY WOOD DECK. ROOF MATERIAL DATA: 3 YEAR AGED SOLAR REFLECTANCE >= 0.55 THERMAL EMITTANCE >=0.75
 - 3 PLY MODIFIED BITUMEN BUILT UP ROOF ON MIN. 1" RIGID INSULATION ON 5/8" EXTERIOR PLY WOOD DECK.
 - METAL CAP, PAINTED COLOR SEE BUILDING ELEVATION
 - 10"x8" DOWN SPOUT, PAINTED COLOR TO MATCH WALL. TYP.
 - TAPERED INSULATION SLOPE 1/4" PER FT MIN. TYP.
 - 18"wx12"DEEP OVERFLOW SCUPPER, BOTTOM 2" ABV ROOF LOW PT. TYP.
 - 12"wx6" SCUPPER, BOTTOM 2" ABV ROOF LOW PT. TYP.
 - 6"Ø ROOF DRAIN
 - 3'x3' ROOF HATCH, SEE 05/5.3 FOR DETAIL
 - ROOF WALK PAD / RTU MAINTENANCE AREA



06 SECTION AT LADDER

01 ROOF PLAN
1/8" = 1'-0"



05

06

02

03

03 opposite