

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

LEGEND

STANDING SEAM METAL ROOF BASIS OF DESIGN

MANUFACTURER: ATAS INTERNATIONAL, INC.
 SERIES: FLR 150 2" FIELD-LOCK MECHANICALLY FASTENED
 SIZE: 24" WIDE X 0.0041" THICK PANELS W/ 24 GA. FIELD CLIPS & 22 GA. CORNER CLIPS INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND NDA.
 NDA #: 13-0009-08 EXPIRATION DATE 12/26/19
 COLOR: 13 DOVE GREY

ROOF DRAIN & OVERFLOW DRAIN. REFER TO 4/A&O

DOWNSPOUT BASIS OF DESIGN

MANUFACTURER: NORTHGLAD
 SERIES: NORTHGLAD GS 44
 SIZE: 5 X 3
 COLOR: WHITE

DIRECTION OF ROOF PITCH

GENERAL NOTES

A. LOW SLOPED ROOF BASIS OF DESIGN

MANUFACTURER: FIRESTONE
 SERIES: ULTRAPLY TPO

FLOOR PLAN KEY NOTES

- MOVABLE PARTITION. REFER TO 1/A&1 FOR SPECIFICATION.
- MOVABLE PARTITION STACK.
- MOVABLE PARTITION PASS-THROUGH DOOR.
- FENCE. REFER TO ASP10.
- SURFACE MOUNTED FLAT SCREEN MONITOR (MONITOR BY OWNER) PROVIDE ADEQUATE BLOCKING AS REQUIRED.
- ROOF HATCH. REFER TO 6/A&1 FOR SPECIFICATION. PROVIDE WALL MOUNTED ACCESS LADDER PER 7/A&1.
- (3) WALL MOUNTED SHELVES. 4'-0" AFF. TO THE BOTTOM OF BOTTOM SHELF. SIZE: 8'-0" WIDE X 12" DEEP W/ METAL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
- LINE OF CANOPY ABOVE.
- LINE OF CEILING ABOVE.
- JANITOR SINK. REFER TO PLUMBING DRAWINGS FOR SPECIFICATION.
- DECORATIVE SCREEN.
- ROOF BELOW.
- ROOF TOP A/C UNIT. REFER TO MECHANICAL DRAWINGS FOR SPECIFICATION.
- EXHAUST FAN. REFER TO MECHANICAL DRAWINGS FOR SPECIFICATION.
- WALKWAY PAD. INSTALL PER MANUFACTURER'S RECOMMENDATION.
- ROOF / OVERFLOW ROOF DRAIN. TYP.
- AREA OF REFUGE.
- CONTINUOUS ALUMINUM GUTTER (REFER TO 1/A&1 FOR INSTALLATION) BASIS OF DESIGN.
 MANUFACTURER: NORTHGLAD
 SERIES: GS 800
 SIZE: 6" X 4"
 COLOR: TO MATCH FASCIA
- MECHANICAL UNIT SCREEN. PROVIDE 4" STEEL TUBE POSTS AS INDICATED ON STRUCTURAL DRAWINGS.
- PROVIDE ACCESS HATCH IN METAL DECK BELOW.
- LOCKERS. REFER TO 4/A&O.2.
- LIGHTNING PROTECTION BY SPECIALTY ENGINEER. REFER TO 2/A&O FOR CONNECTION NOTES AND DETAILS.

ROOF DRAINAGE CALCULATIONS

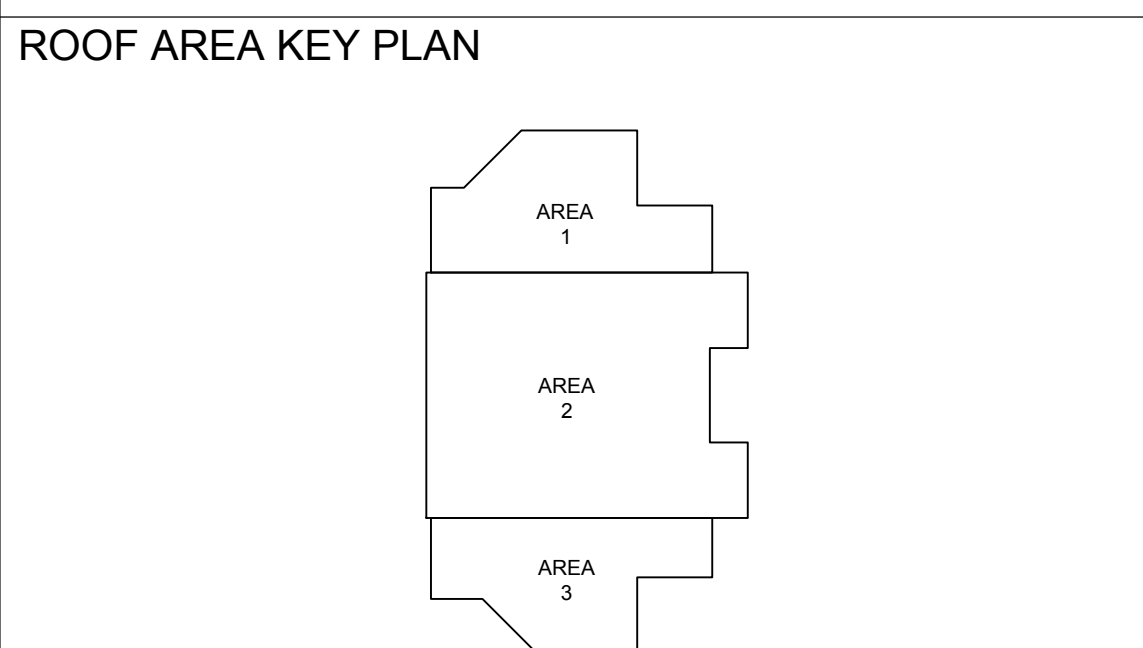
MAXIMUM RAINFALL RATE = 4.5 PER HOUR

AREA	HORIZONTAL AREA	1/2 PARAPET AREA	TOTAL AREA
AREA 1	2,143 SQ.FT.	535 SQ.FT. = 5' AVG. H PARAPET/2 X 214 L.F.	2,678 SQ.FT.
AREA 2	4,956 SQ.FT.	308 SQ.FT. = 2' H PARAPET/2 X 308 L.F.	5,264 SQ.FT.
AREA 3	1,950 SQ.FT.	528 SQ.FT. = 5' AVG. H PARAPET/2 X 211 L.F.	2,478 SQ.FT.

ROOF SYSTEM SIZING (ALL CALCULATION ARE FOR A 2% SLOPE)

VERTICAL LEADERS - DOWNSPOUTS (TABLE 1106.2(1))

- ONE 4" DIAMETER LEADER HANDLES 4,140 SQ.FT. OF ROOF.
- RD = ROOF DRAIN
- EOD = EMERGENCY OVERFLOW DRAIN



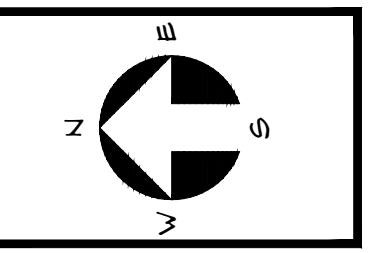
New Building For:
OPPORTUNITY INC.
 EARLY LEARNING CENTER
 4171 Westgate Avenue
 Palm Beach County, Florida

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Revisions:

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Project no: 14224
 Date: 09.09.16
 Drawn by: WS
 Project Architect: WC / DR



A1.3
 09.09.16 BID/PERMIT