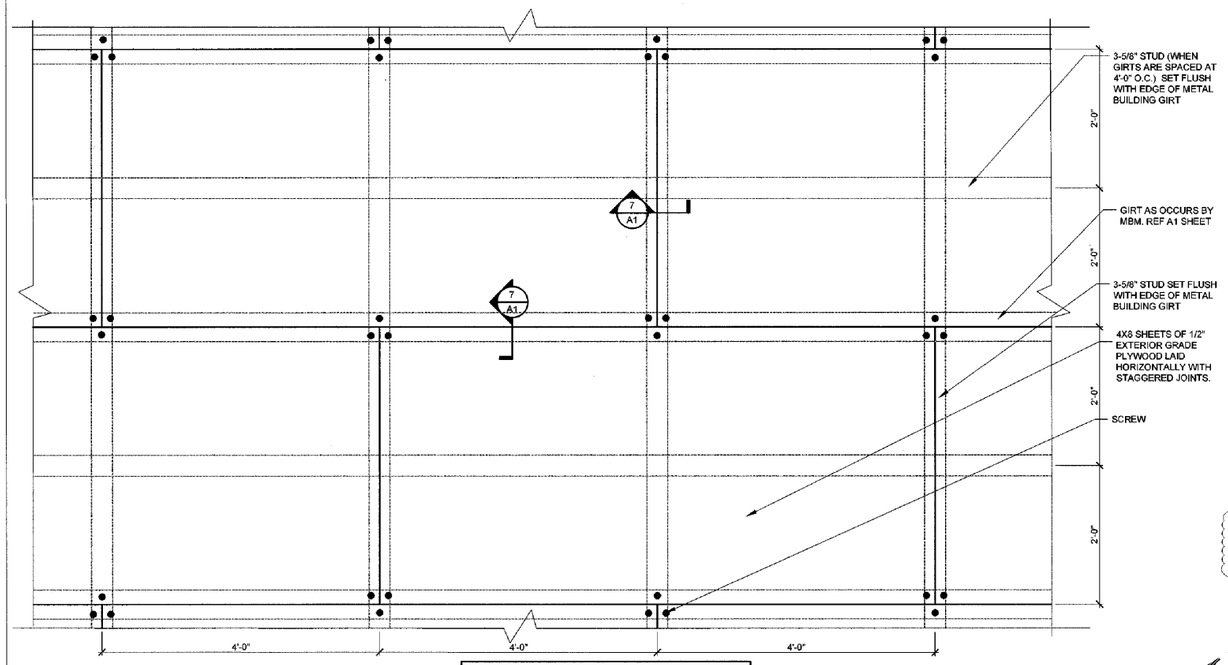
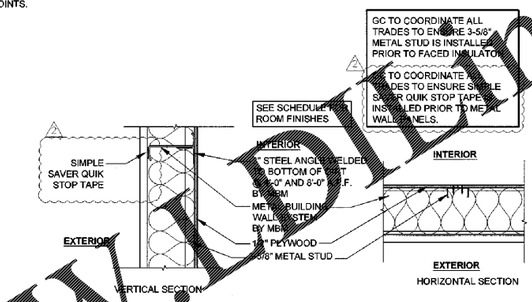
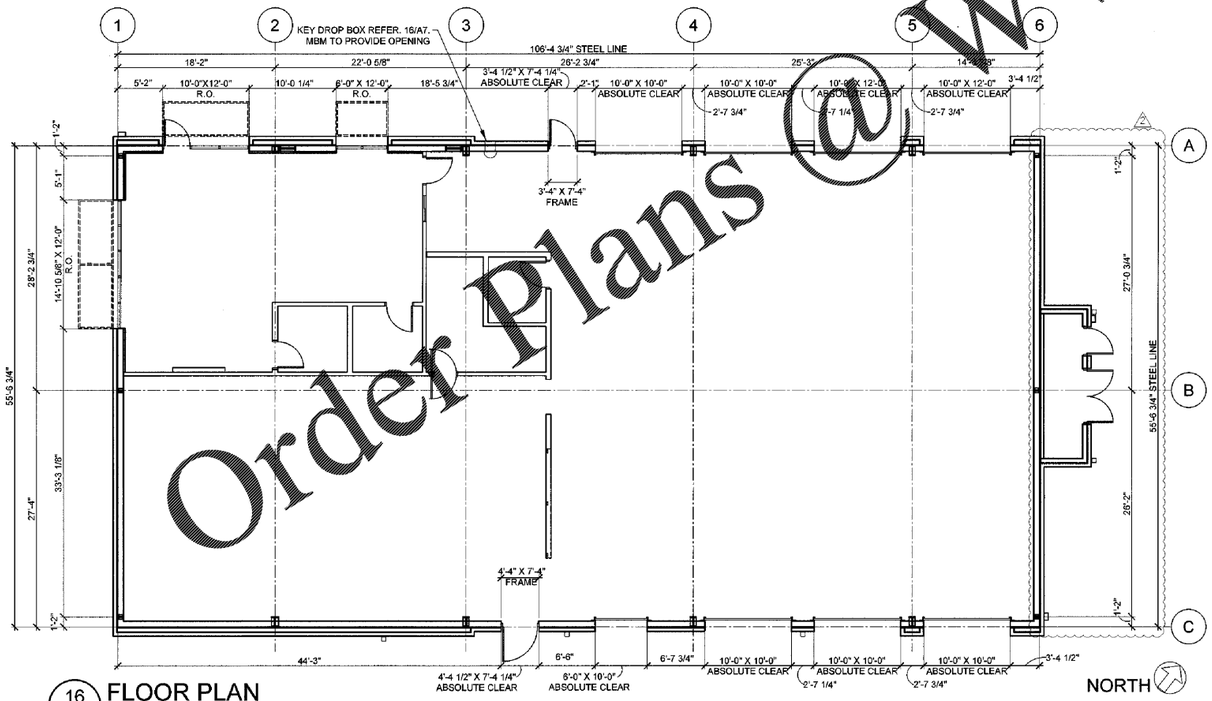


SCREW PATTERN:
EACH 4X8 SHEET OF PLYWOOD TO HAVE SCREWS IN ALL (4) CORNERS AND (1) AT TOP AND BOTTOM AT MIDPOINT OF EACH SHEET. TOTAL (6) SCREWS PER 4X8 SHEET.

6/A1 PLYWOOD FRAMING LAYOUT
SCALE: 1"=1'-0"



7/A1 PLYWOOD FRAMING DETAIL
SCALE: 1"=1'-0"



16/A1 FLOOR PLAN
SCALE: 1/8"=1'-0"

GC NOTES AND REQUIREMENTS

1. GC TO PROVIDE ANY NECESSARY INTERMEDIATE FRAMING FLUSH WITHIN GIRT CAVITY FOR ATTACHMENT OF INTERIOR FINISH MATERIAL.
2. GC TO VERIFY THAT NO METAL BUILDING COMPONENTS ARE WARPED OR DAMAGED PRIOR TO ERECTION.

METAL BUILDING NOTES/REQUIREMENTS

THE MBM SHALL BE RESPONSIBLE FOR ALL STRUCTURAL COMPONENTS AND DESIGN OF EVERYTHING ABOVE THE CONCRETE FOUNDATION AND SHALL COMPLY WITH ALL CODES THAT ARE ENFORCED BY THE AUTHORITY HAVING JURISDICTION AS APPLICABLE.

WALL PANELS

- METAL BUILDING WALL PANELS: NRC (NUCOR REVERSE CLASSIC) 24-GAUGE PANEL MINIMUM, PAINTED GALVANIZED.
- METAL BUILDING WALL INSULATION: SIMPLE SAVER, U-0.052
  - MBM CAN PROVIDE INSULATION, IF IT IS SIMPLE SAVER
  - 5/16" THICK x 3" WIDE SIMPLE SAVER QUIK-STOP TAPE TO BE INSTALLED BETWEEN METAL GIRTS AND METAL WALL PANEL
- ON NON-INSULATED PANELS, MBM TO PROVIDE BASE CLOSURES, BUT NO BASE FLASHING.

ROOF PANELS

- METAL BUILDING ROOF PANELS: CFR 24 (POLAR WHITE OR GALVALUME) OR SIMILAR.
  - POLAR WHITE FOR EXPOSED ROOF (GALVALUME FOR CONCEALED ROOFS - IF MEETS ENERGY CODE.
  - POLAR WHITE - STANDARD WHITE COLOR SILICONE POLYMER.
- METAL PARAPET BACKER PANEL: CFR 24 POLAR WHITE OR SIMILAR.
- METAL BUILDING ROOF INSULATION: SIMPLE SAVER, U-0.031, MBM TO PROVIDE ROOF CLIPS AND THERMAL BLOCKS AS REQUIRED.
  - MBM CAN PROVIDE INSULATION, IF IT IS SIMPLE SAVER
- MBM TO PROVIDE ROOF CURBS AND REINFORCING FOR ROOF TOP MECHANICAL EQUIPMENT (ATU, EXHAUST FAN, ETC). CURBS TO BE 14" HIGH - REF MECHANICHAL. PROCURE POLAR WHITE TO MATCH ROOF.
- MBM TO PROVIDE ROOF HATCH AND CURB AND REINFORCING FOR HATCH. CURB TO BE 7" HIGH.

GIRTS

- GIRTS WITH NRC: 8" WIDE METAL BUILDING GIRTS MAXIMUM 2'-0" O.C., TO BE FLUSH WITHIN THE WALL CAVITY
- MBM TO TOE DOWN GIRTS AT 12' AFF. MBM TO PROVIDE 3" STEEL ANGLE ATTACHED TO GIRTS AT 4' AND 8' AFF GIRTS FOR INSTALLATION OF PLYWOOD.
- WITH PARAPET GUTTER, GIRTS MUST BE PLACED TO ALLOW PLACEMENT FOR SCUPPERS AND OVERFLOW SCUPPERS. REFER TO A4 SHEET.
- C CHANNEL AT PARAPET CAP TO BE PROVIDED TOE DOWN.
- MBM TO PROVIDE CONTINUOUS C CHANNEL AT CONCRETE SLAB - INCLUDING BETWEEN THE COLUMNS AND O.H. DOOR JAMBS.
- MBM TO ENSURE ACCURACY OF THE ALIGNMENT OF THE C CHANNELS THE COLUMN FACE.
- MBM TO PROVIDE HORIZONTAL GIRTS BETWEEN O.H. DOORS.
- GIRTS MUST BE PROVIDED CONSISTENTLY AROUND THE BUILDING.

COLUMNS & BRACING

- COLUMN LINE 2 - ALL COLUMNS IN SHOWROOM TO BE STRAIGHT COLUMNS.
- ALL METAL BUILDING COLUMNS AS SHOWN ON SHEETS A1 AND S2 ARE SET AND TO BE PROVIDED AS NOTED. NO COLUMN CHANGES EXCEPT IF SPECIFIC SITE CONDITIONS REQUIRE CHANGES.
- ALL METAL BUILDING MAINFRAME COLUMNS TO BE TAPERED UNLESS NOTED OTHERWISE AND HAVE A MAXIMUM BASE PLATE AT CONCRETE SLAB OF 14" DEEP.
- COLUMN LINES 3-5 (SERVICE BAY). PROVIDE OVERHEAD CLEARANCE OF 15'-6" MINIMUM ON HIGH EAVE, 14'-6" MINIMUM ON LOW EAVE.
- REFER TO SHEET S2 FOR BRACING LOCATIONS THAT WERE ASSUMED BY STRUCTURAL IN PRELIMINARY DESIGN. NO BRACING CHANGES EXCEPT IF SPECIFIC SITE CONDITIONS REQUIRE CHANGES.
- NO FIXED BASE BRACING ALLOWED.
- MBM TO CENTER ANCHOR BOLTS ON COLUMNS AT THE PORTAL FRAMES.
- ALL BRACING TO BE WITHIN THE GIRT SPACING.
- NO FLANGE BRACES ALLOWED ON COLUMNS.

FRAMING AND OPENINGS

- AT ALL AWNING/CANOPY LOCATIONS, MBM TO PROVIDE MINIMUM OF ONE BOX BEAM AT TOP AND BOTTOM. REFER TO A4 SHEET.
- INTERMEDIATE SUPPORTS FOR ALL EXTERIOR WALL LOUVER/VENT OPENINGS TO BE PROVIDED BY MBM.
- MBM TO PROVIDE STEEL ANGLE ATTACHED TO TOP OF O.H. DOOR FRAMING MEMBER FOR ATTACHMENT OF O.H. DOOR BLOCKING. REFER TO DETAIL 15/A7.
- ENSURE OPENING IN METAL BUILDING IS PROVIDED FOR KEY DROP BOX. REFER TO F1 AND A1.1 SHEETS FOR LOCATION.
- ALL HOLLOW METAL DOOR OPENINGS TO BE 3'-4 ½" OR 4'-4 ½" WIDE BY 7'-4 ½" TALL.
- ALL ROUGH OPENINGS AS NOTED ON SHEET A1.1 ARE NOT ALLOWED TO BE REDUCED FOR METAL BUILDING TRIM OR FLASHING.
- MBM TO PROVIDE NECESSARY ANGLES BETWEEN THE COLUMNS AND THE O.H. DOOR JAMBS.
- CONNECTIONS BETWEEN O.H. DOOR VERTICAL CHANNELS AND HEADER CHANNELS CANNOT BE EXPOSED.

WARRANTIES

- 20-YEAR WEATHER TIGHTNESS WARRANTY ON ROOF.
- 25-YEAR FINISH WARRANTY FOR PAINTED GALVANIZED PANELS.
- BUILDING WARRANTY - 1-YEAR.

MISCELLANEOUS

- MEET MBDP CRITERIA PROVIDED BY STRUCTURAL AT THE START OF THE PROJECT.
- MBM TO PROVIDE ROOF PIPE JACKS.
- MBM TO PROVIDE 2 INSPECTIONS. 1 PRE-ERECTION MEETING AND 1 FINAL INSPECTION OF THE METAL BUILDING (MIN. 30 DAYS FROM CONSTRUCTION COMPLETION), TO INCLUDE A PUNCH LIST OF ITEMS NOT ERECTED CORRECTLY.
- ALL SIGN LOCATIONS, GC TO PROVIDE BLOCKING FOR ATTACHMENT. MBM DOES NOT NEED TO PROVIDE ADDITIONAL GIRT FOR SIGNAGE.
- RED OR GRAY PRIMER STRUCTURE.
- ALL GIRTS/CHANNELS/ETC. MUST BE STEEL.
- ON PROJECTS WITH NON-INSULATED PANELS, MBM TO PROVIDE STRAPS/CLIPS FOR THE INSULATION IN THE WALLS.

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Firestone COMPLETE AUTO CARE

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GAINESVILLE, GA 30501

STATE OF GEORGIA
MITCHEL R. GARRETT
CERTIFICATE NO. 013862
REGISTERED ARCHITECT
11.13.2020

ISSUE BLOCK		
1	07/20/20	REV #1
2	10/02/20	REV #2
3	11/13/20	IFC

PROPERTY NO.:	160109
6 DIGIT NO.:	908074
4 DIGIT NO.:	78H3
AOR PROJECT NUMBER:	1956B55
TO PERMIT:	DATE: 04/06/20
TO BID:	DATE: ##-##-##
KMP	

SHEET TITLE:
METAL BUILDING PLAN & NOTES

SHEET NUMBER:
A1