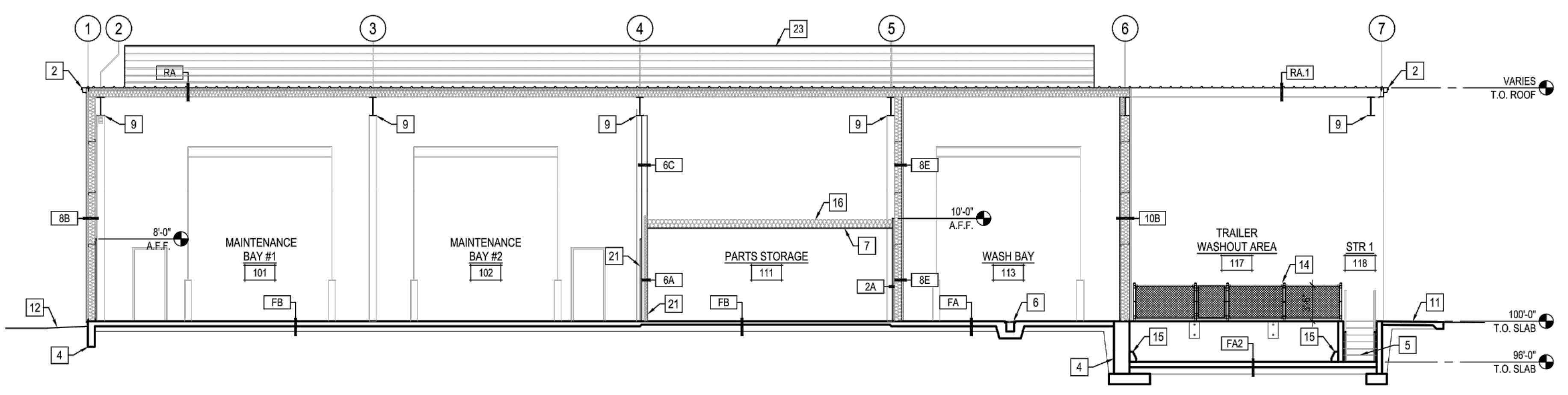


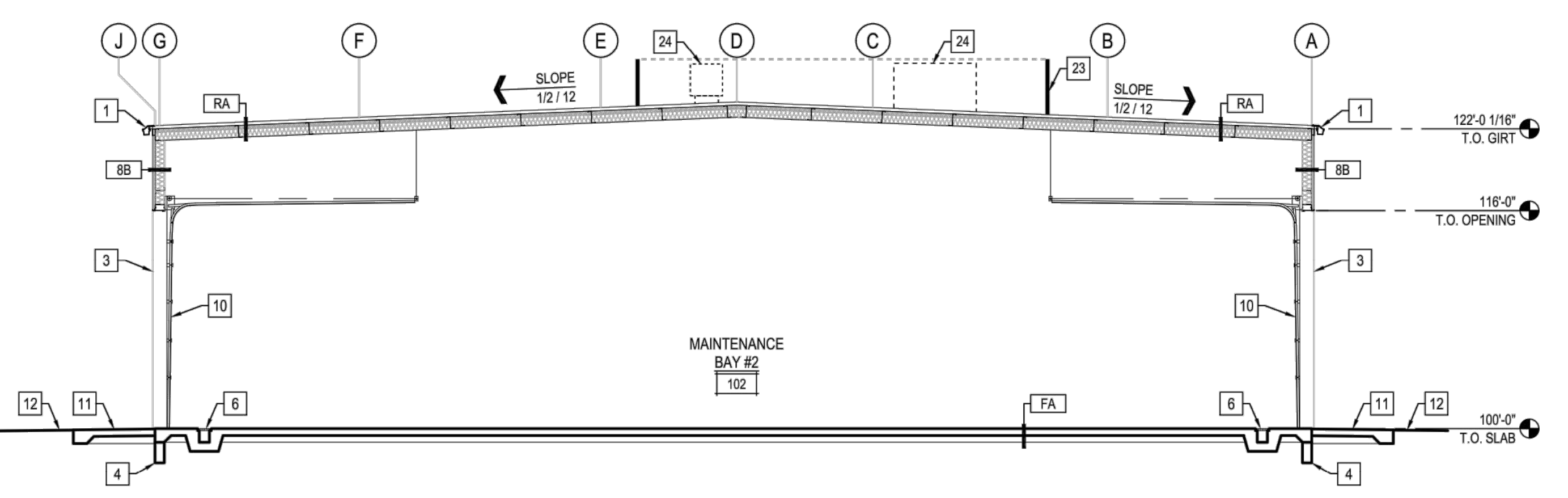
A
A7.1
BUILDING SECTION

SCALE: 1/8" = 1'-0"
0 5' 10' 20'



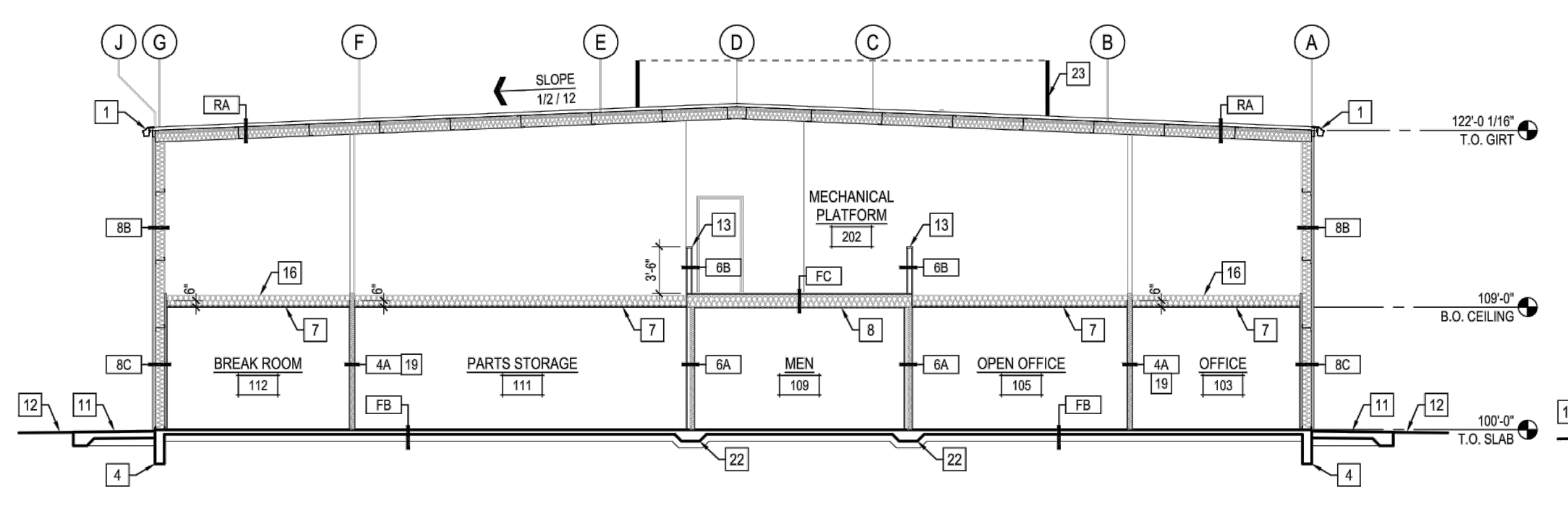
B
A7.1
BUILDING SECTION

SCALE: 1/8" = 1'-0"
0 5' 10' 20'



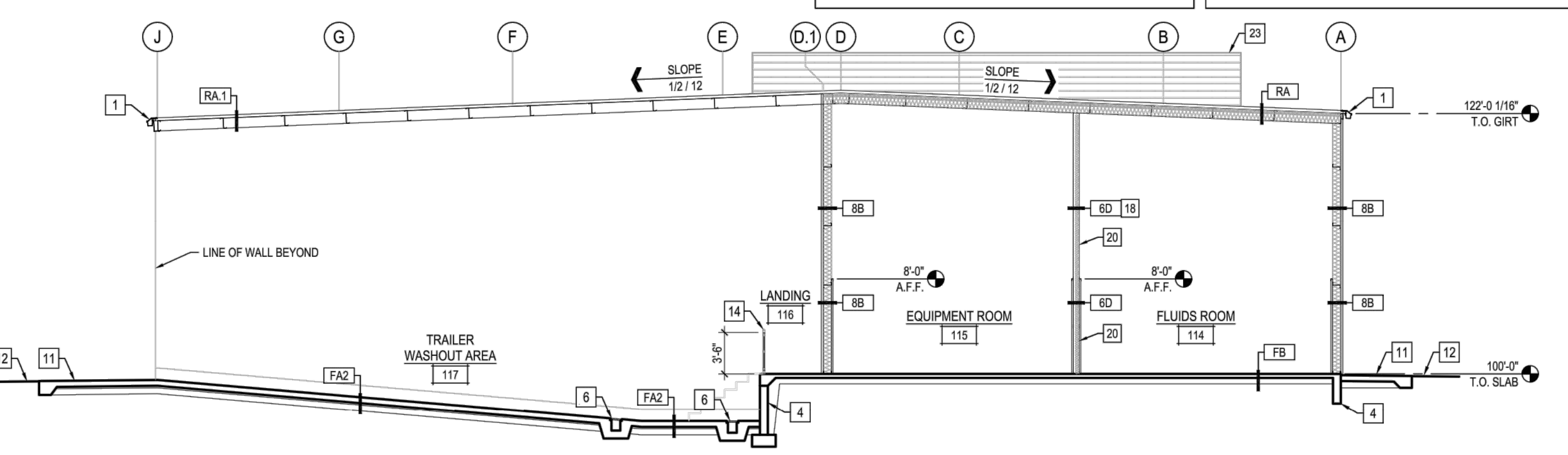
C
A7.1
BUILDING SECTION

SCALE: 1/8" = 1'-0"
0 5' 10' 20'



D
A7.1
BUILDING SECTION

SCALE: 1/8" = 1'-0"
0 5' 10' 20'



E
A7.1
BUILDING SECTION

SCALE: 1/8" = 1'-0"
0 5' 10' 20'

BUILDING SECTION KEY NOTES

- 1 PRE-FINISHED METAL GUTTER
- 2 PRE-FINISHED ENDWALL TRIM
- 3 DOOR AS SCHEDULED
- 4 CONCRETE FOUNDATION PER STRUCTURAL
- 5 CONCRETE STAIR
- 6 TRENCH DRAIN, COORDINATE W/ STRUCTURAL & MECHANICAL
- 7 CEILING : ACOUSTICAL CEILING PANEL
- 8 CEILING : 5/8" GWB
- 9 METAL BUILDING SYSTEM FRAME
- 10 LINE OF BUILDING BEYOND
- 11 CONCRETE APRON
- 12 PAVING, COORDINATE WITH CIVIL DRAWINGS
- 13 2x WOOD CAP, PAINTED
- 14 GALVANIZED CHAINLINK FENCE GUARD RAIL
- 15 TRUCK CURB
- 16 R-30 SOUND ATTENUATION INSULATION. COORDINATE WITH ELECTRICAL AND MECHANICAL.
- 17 PRE-FINISHED METAL LINER PANEL.
- 18 14 GAUGE STEEL STUDS WITH BRACING AT 4' VERTICALLY PER MANUFACTURER'S STANDARD DETAILS AND WITH MANUFACTURER'S STANDARD DEFLECTION TRACK AT TOP.
- 19 20 GAUGE STEEL STUDS WITH BRACING TO STRUCTURE ABOVE ALTERNATING AT 4' O.C.
- 20 4' 18 GA. SHEET METAL BACKING AT BASE, 4' AND 8' A.F.F. WITH PRE-FINISHED LINER PANEL TO 8'-0" A.F.F., VINYL TO UNDERSIDE OF ROOF STRUCTURE, TYPICAL BOTH SIDES.
- 21 AT MAINTENANCE BAY SIDE: 4' 18 GA. SHEET METAL BACKING AT BASE, 4' AND 8' A.F.F. WITH PRE-FINISHED LINER PANEL TO 8'-0" A.F.F., VINYL TO UNDERSIDE OF ROOF STRUCTURE. AT OPPOSITE SIDE: 5/8" GWB TO 10'-0" A.F.F.
- 22 THICKENED CONCRETE SLAB PER STRUCTURAL
- 23 METAL MECHANICAL SCREEN, SEE ELEVATIONS. COLOR TO MATCH ROOF.
- 24 ROOF TOP MECHANICAL EQUIPMENT, FULLY SCREENED

ROOF TYPES:

- RA ROOF CONSTRUCTION: PRE-FINISHED STANDING SEAM METAL ROOFING OVER STEEL ROOF PURLINS PER STRUCTURAL DRAWINGS R-25 BATT INSULATION, FULL CAVITY FILL CONTINUOUS VAPOR BARRIER
- RA1 ROOF CONSTRUCTION: PRE-FINISHED STANDING SEAM METAL ROOFING OVER STEEL ROOF PURLINS PER STRUCTURAL DRAWINGS CONTINUOUS VAPOR BARRIER
- RB ROOF CONSTRUCTION: STANDING SEAM METAL ROOFING OVER STEEL TUBE FRAME AS DETAILED

FLOOR TYPES:

- FA FLOOR CONSTRUCTION: 6" CONCRETE SLAB OVER 6 MIL VAPOR BARRIER COMPACTED GRAVEL / SAND BASE COURSE PER STRUCTURAL
- FA2 FLOOR CONSTRUCTION: 6" CONCRETE SLAB OVER 6 MIL VAPOR BARRIER 2" RIGID FOAM INSULATION OVER COMPACTED GRAVEL / SAND BASE COURSE PER STRUCTURAL
- FB FLOOR CONSTRUCTION: 4" CONCRETE SLAB OVER 6 MIL VAPOR BARRIER COMPACTED GRAVEL / SAND BASE COURSE PER STRUCTURAL
- FC FLOOR CONSTRUCTION: 3/4" FRT T & G SHEATHING OVER STEEL JOISTS PER STRUCTURAL WITH R-30 SOUND ATTENUATION INSUL.

BUILDING SECTION GENERAL NOTES

- 6A FLOOR, WALL OR ROOF ASSEMBLY
- 1. ALL OPENINGS AROUND DUCT OR PIPE PENETRATIONS SHALL BE SEALED WITH A NON-HARDENING SILICONE MASTIC.
- 2. VAPOR BARRIERS SHALL BE CONTINUOUS FROM FLOOR LINE TO UNDERSIDE OF ROOF DECK, INCLUDING THROUGH INTERSECTING SOFFITS OR OTHER CONSTRUCTION ABUTTING EXTERIOR WALLS.
- 3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

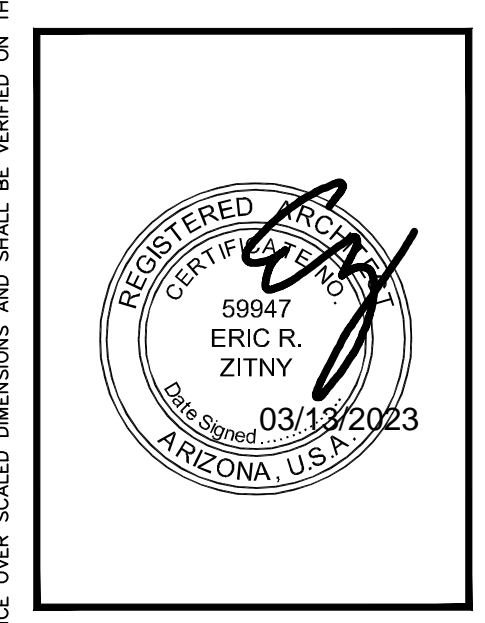
WALL TYPES:

- 8A 8 1/2" EXTERIOR WALL WITH METAL SIDING ONLY: METAL SIDING ON METAL BUILDING WALL SYSTEM 8 1/2" GIRTS SPACED PER METAL BUILDING MFR.
- 8B 8 1/2" EXTERIOR WALL WITH LINER PANELS TO 8'-0": METAL SIDING ON METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 8 1/2" GIRTS SPACED PER METAL BUILDING MFR. PRE-FINISHED LINER PANEL TO 8'-0" A.F.F., VINYL TO UNDERSIDE OF ROOF STRUCTURE
- 8C 8 1/2" EXTERIOR WALL WITH FURRING AND GWB: METAL SIDING ON METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 8 1/2" GIRTS SPACED PER METAL BUILDING MFR. 1 1/2" HAT CHANNELS AT 48" O.C. WITH 5/8" GWB
- 8D 8 1/2" EXTERIOR WALL: METAL SIDING ON METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 8 1/2" GIRTS SPACED PER METAL BUILDING MFR. PRE-FINISHED LINER PANEL TO UNDERSIDE OF ROOF STRUCTURE AT WASH BAY SIDE ONLY.
- 8E 8 1/2" INTERIOR WALL: METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 8 1/2" GIRTS SPACED PER METAL BUILDING MFR. PRE-FINISHED LINER PANEL TO UNDERSIDE OF ROOF STRUCTURE AT WASH BAY SIDE ONLY.
- 10A 10" EXTERIOR WALL: METAL SIDING ON METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 10" GIRTS SPACED PER METAL BUILDING MFR. PRE-FINISHED LINER PANEL TO UNDERSIDE OF ROOF STRUCTURE AT WASH BAY SIDE.
- 10B 10" INTERIOR WALL: PRE-FINISHED LINER PANEL TO UNDERSIDE OF ROOF STRUCTURE AT WASH BAY SIDE ONLY. METAL BUILDING WALL SYSTEM FIBERGLASS INSULATION AND VAPOR RETARDER 10" GIRTS SPACED PER METAL BUILDING MFR. PRE-FINISHED LINER PANEL TO 8'-0" A.F.F., VINYL TO UNDERSIDE OF ROOF STRUCTURE
- 6A INTERIOR INSULATED WALL: 6" METAL STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATION INSULATION WITH 5/8" GWB EACH SIDE TO 10'-0" A.F.F.
- 6B INTERIOR WALL: 6" METAL STUDS AT 16" O.C. WITH 5/8" GWB EACH SIDE.
- 6C INTERIOR WALL: 6" METAL STUDS AT 16" O.C. WITH 5/8" GWB ONE SIDE ONLY.
- 6D INTERIOR INSULATED WALL: 6" METAL STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATION INSULATION
- 4A INTERIOR INSULATED WALL: 3 5/8" METAL STUDS AT 16" O.C. WITH 3 1/2" SOUND ATTENUATION INSULATION AND 5/8" GWB EACH SIDE.
- 4B INTERIOR WALL: 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" GWB EACH SIDE.
- 4C INTERIOR FURRED WALL: 3 5/8" METAL STUDS AT 16" O.C. WITH (2) LAYERS 5/8" GWB ONE SIDE ONLY.
- 2A INTERIOR FURRED WALL: 1 1/2" HAT CHANNELS AT 16" O.C. WITH (2) LAYERS 5/8" GWB ONE SIDE ONLY, TO 10'-0" A.F.F.

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MESA, ARIZONA 85003

VMF BLDG SECTIONS

DATE	REVISIONS	REMARKS
2021-09-07	MESA DESIGN	REVIEW BD. SUBMISS.
2021-10-11	MESA DRB	RESUBMITTAL
2022-04-13	MESA DRB	UPDATE/DRP
1	2023-02-06	SITE REVISION / DRB AMENDMENT
2	2023-03-13	CITY COMMENTS

PA / PM: R. SOUTH
DRAWN BY: JD
JOB NO.: PHX21-0031

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A4.0
PHX 10 Mar 2023

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