

Client:
Rainbow Child Development Center
1732 Crooks Rd.
Troy, MI 48084

Project:
**8245 Crossings Blvd,
Shakopee, MN 55379**

Issued:
03.15.16 Site Plan Approval

Seal:

Note:
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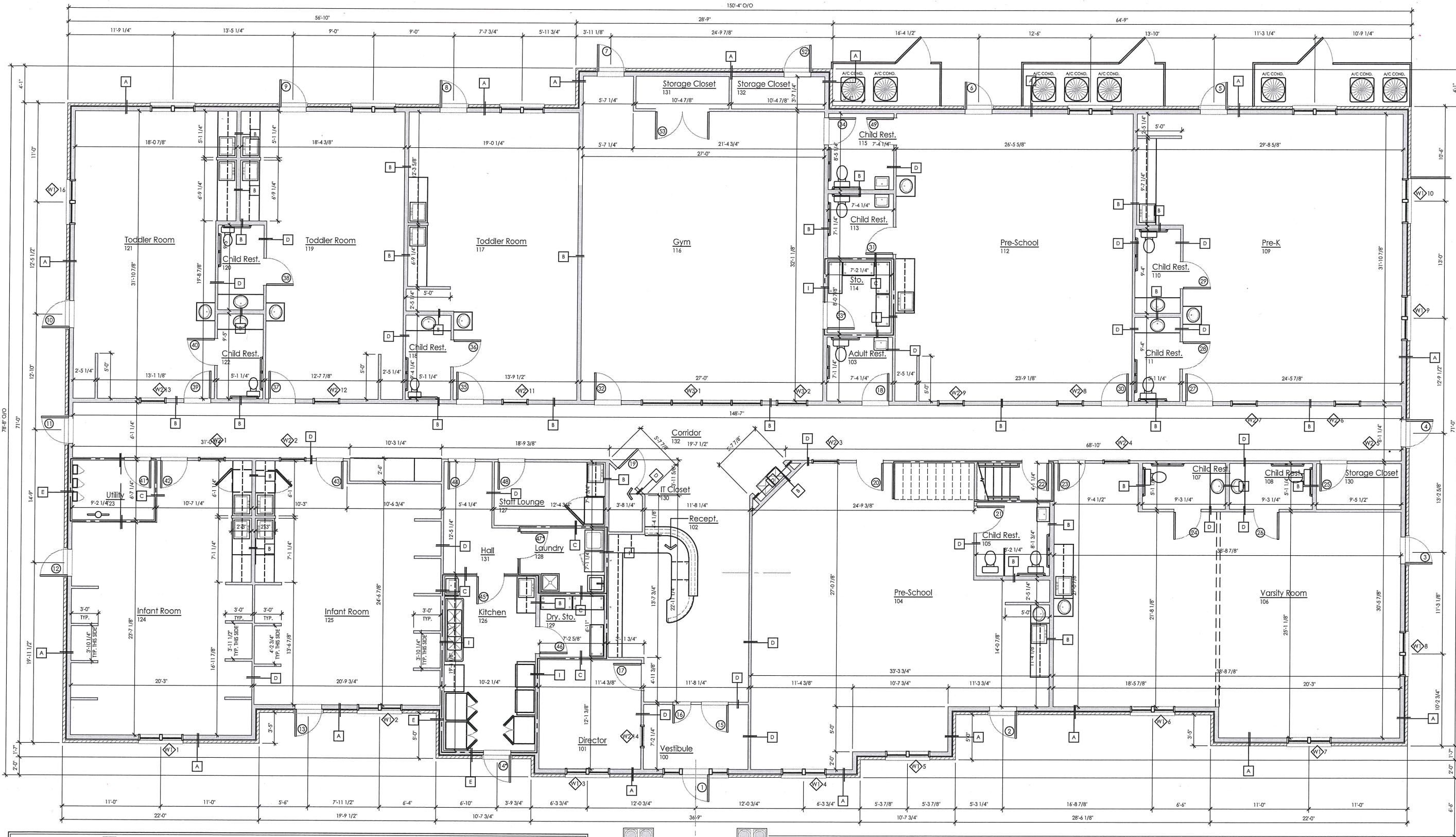


Sheet Title:
First Floor Wall Framing Plan

Scale:
3/16" = 1'-0"

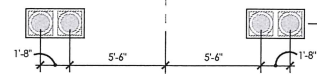
Project Number:
62-002-17

Sheet Number:
A.100



Wall Legend

A	EXTERIOR WALL (BRICK): EXTERIOR FINISH: BRICK VENEER EXTERIOR FINISH W/ 1" AIR SPACE ON TYVEK AIR INFILTRATION BARRIER ON 1/2" APA RATED PLYWOOD SHEATHING ON 2X6 WOOD STUDS @ 16" O.C. W/ R-21 KRAFT FACED BATT INSUL. W/ 5/8" GYPSUM BOARD FINISH	D	TYPICAL INTERIOR PARTITION WALL: 2X4 STUDS @ 16" O.C. WITH 5/8" GYP. BOARD EACH SIDE. PROVIDE ACOUSTICAL SOUND BATT INSULATION @ ALL INTERIOR WALLS AS DIRECTED BY OWNER	H	EXTERIOR WALL (VINYL SIDING): GEORGIA PACIFIC (OR EQUIV.) DOUBLE 5" SIDING ON AIR INFILTRATION BARRIER ON 1/2" APA RATED SHEATHING ON 2X6 STUDS @ 16" O.C. W/ R-21 BATT INSULATION ON (2) LAYERS OF 5/8" TYPE 'X' GYP. BRD.
B	2X6 INTERIOR PARTITION WALL: 5/8" GYPSUM BOARD EACH SIDE OF 2X6 WOOD STUDS @ 16" O.C. PROVIDE ACOUSTICAL SOUND BATT INSULATION @ ALL INTERIOR WALLS AS DIRECTED BY OWNER	E	EXTERIOR WALL: EXTERIOR FINISH: BRICK VENEER EXTERIOR FINISH W/ 1" AIR SPACE ON TYVEK AIR INFILTRATION BARRIER ON 1/2" APA RATED PLYWOOD SHEATHING ON 2X6 WOOD STUDS @ 16" O.C. W/ R-21 KRAFT FACED BATT INSUL. W/ TYPE 'X' 5/8" GYPSUM BOARD FINISH	I	INTERIOR PARTITION WALL: 1 LAYER TYPE 'X' 5/8" GYPSUM BOARD EACH SIDE OF 2X6 WOOD STUDS @ 16" O.C. PROVIDE ACOUSTICAL SOUND BATT INSULATION @ ALL INTERIOR WALLS AS DIRECTED BY OWNER NOTE: ALL OPENINGS, DOORS AND WINDOW FRAMES ARE TO BE FIRE CALKED
C	INTERIOR PARTITION WALL: 1 LAYER TYPE 'X' 5/8" GYPSUM BOARD EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. PROVIDE ACOUSTICAL SOUND BATT INSULATION @ ALL INTERIOR WALLS AS DIRECTED BY OWNER NOTE: ALL OPENINGS, DOORS AND WINDOW FRAMES ARE TO BE FIRE CALKED	F	INTERIOR METALLIC WALL: PROVIDE (2) LAYERS TYPE 'X' 5/8" GYPSUM BOARD ON ONE SIDE OF 2X4 STUDS UP TO CEILING.	J	INTERIOR PARTITION WALL: 5/8" GYPSUM BOARD EA SIDE ON 2X6 WOOD STUDS ON 2X4 WOOD STUDS @ 16" O.C. PROVIDE ACOUSTICAL SOUND BATT INSULATION @ ALL INTERIOR WALLS AS DIRECTED BY OWNER
		G	DRAFTSTOPPING WALL: 3/8" PLYWOOD ON ONE SIDE OF PRE-ENG. ROOF TRUSS. RUN UP TO UNDER SIDE OF ROOF SHEATHING (SEE TYPICAL DETAIL ON SHEET A.305 FOR ADDITIONAL INFORMATION)		



Floorplan Height Notes:

- ALL FIRST FLOOR DOOR, WINDOW, AND HEADER HEIGHTS ARE TO BE 8'-0" UNLESS OTHERWISE NOTED.
(NOTE: WINDOWS AND DOORS ARE TO LINE-UP IN THE FINISH. ALL ROUGH FRAMING HEIGHTS ARE TO MATCH)
- ALL FIRST FLOOR CEILING HEIGHTS ARE TO BE 8'-0" EXCEPT FOR OPEN STAIRWELL, GYM & KITCHEN.
KITCHEN TO RECEIVE 9'-0" CEILING HEIGHT, GYM TO RECEIVE 12'-0" CEILING HEIGHT
- MECHANICAL EQUIPMENT ENCLOSURE CEILING HEIGHTS ARE TO BE 8'-0" UNLESS NOTED OTHERWISE
(ATTIC FLOOR PLAN)
- UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS, LOCATE ALL DOORS MINIMUM 4"
FROM ADJACENT WALLS ON HINGE SIDE. IF A CASING LARGER THAN 2 1/4" IS SELECTED, ADJUST AS
NECESSARY. IF DOORS ARE NOT LOCATED NEXT TO ADJACENT WALL, CENTER ON SPACE THEY ENTER
INTO.

General Floor Plan Notes:

- ALL EXTERIOR WALLS ARE TO BE 2X6 WOOD FRAMING U.N.O.
- INSULATION IN CONCEALED AND EXPOSED SPACES MUST
HAVE A FLAME SPREAD RATING OF 25 OR LESS AND SMOKE
DEVELOPED INDEX 450 OR LESS PER CODE.
- ANY OCCUPANT SUSPECTED OF HAVING AN ILLNESS OR
DISEASE SHALL BE TAKEN TO THE DIRECTOR'S OFFICE WHERE
THEY CAN BE ISOLATED FROM THE OTHER OCCUPANTS AND
CARED FOR. IN THE DIRECTOR'S OFFICE THERE SHALL BE A
COT FOR THIS PURPOSE.
- PROVIDE EXTERIOR FROST FREE HOSE BIBS @ LOCATIONS
DIRECTED BY M.E.P. AND OWNER
- PROVIDE SOLID BLOCKING IN WALLS FOR ALL WALL
MOUNTED ITEMS NOT LIMITED TO THE FOLLOWING:
5.1.1.1. DOOR STOPS
5.1.1.2. TOWEL BARS
5.1.1.3. TOILET TISSUE DISPENSER
5.1.1.4. MISC. WALL MOUNTED ACCESSORIES
5.1.1.5. MIRRORS
- ALL WOOD AND WOOD BASED PRODUCTS WITHIN 8" OF
GRADE MUST BE PRESSURE TREATED AS REQUIRED PER
CODE
- PROVIDE INTERIOR AND/OR EXTERIOR JAMB EXTENSIONS AS
REQD FOR ALL WINDOWS VER. W/ DESIGNER
- PROVIDE MAGNETIC CHILD LOCKS ON ALL CABINET
DOORS AND DRAWERS
- GC TO COORDINATE ALL ROUGH CARPENTRY WITH MEP
- GC TO COORDINATE CONTROL JOINTS IN DRYWALL WITH
MANUFACTURERS RECOMMENDATION TO PREVENT
CRACKING.
- A/C CONDENSING UNIT - VER. EXACT SIZE, LOCATION, AND
CLEARANCES W/ M.E.P. ENGINEER
- SEE CIVIL DRAWINGS (BY OTHERS) FOR EXTERIOR WALK
LOCATION & DETAILS

Framing Plan Note:

ALL DIMENSIONS ON FRAMING PLANS ARE
TAKEN FROM STUD TO STUD AND DO NOT
INCORPORATE THE DRYWALL.

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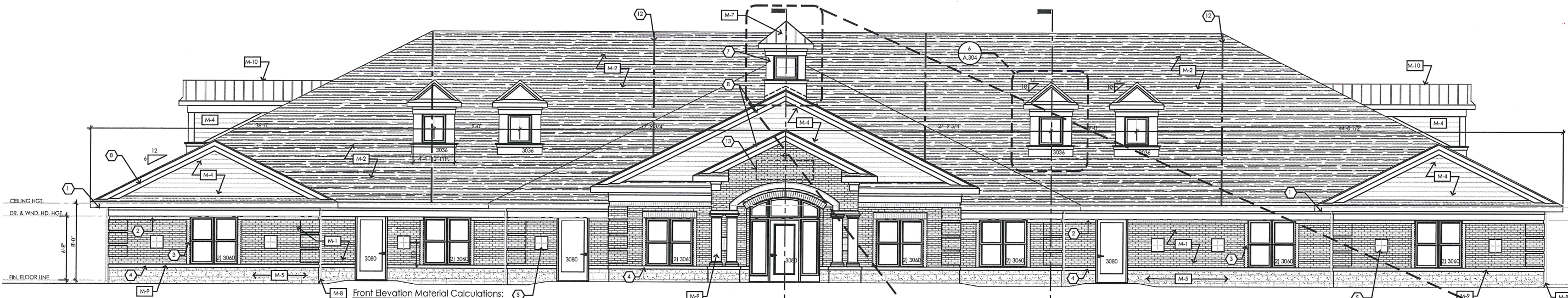
Exterior Elevations

Scale: As Noted

Project Number:
62-002-17

Sheet Number:

A.200



Front Elevation Material Calculations:
Glass/Window/Door = 304 sq.ft. (18%)
Stone = 46 sq.ft. (3%)
Brick = 603 sq.ft. (35%)
CMU = 218 sq.ft. (13%)
Siding = 555 sq.ft. (31%)
Total = 1,706 sq.ft.

Front Elevation
Scale: 3/16" = 1'-0"

Keyed Elevation Notes:

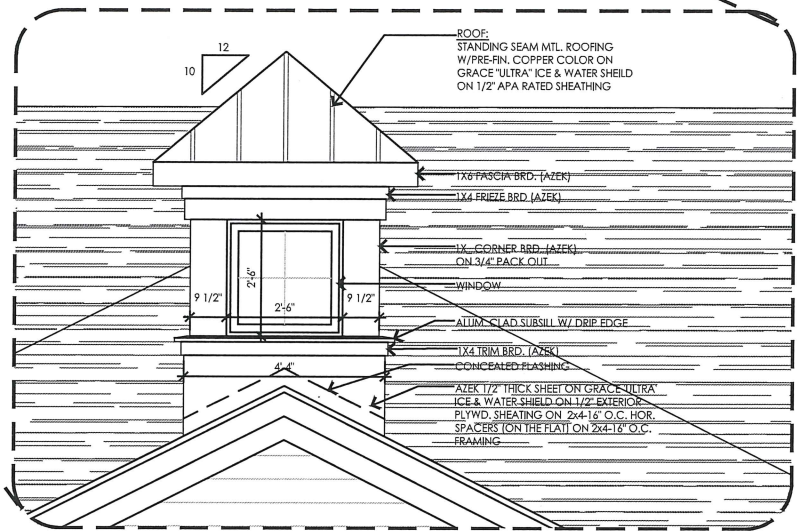
1. TYPICAL EAVE - SEE DETAIL FOR MORE INFORMATION
2. BRICK SOLDIER COURSE (TYP.)
3. BRICK ROWLOCK COURSE
4. SILL SLOPED TO ALLOW WATER RUNOFF WITH DRIP EDGE
5. (4) 8"x8" DECORATIVE TILES PROVIDED AND INSTALLED BY CONTRACTOR - SEE DETAIL #8 ON A.303 (TYP.)
6. PRE-FINISHED BREAK METAL CAP
7. CUPOLA - SEE ENLARGED CUPOLA ELEVATION
8. 1X2 TRIM BRD ON 1X6 RACK BRD. WITH PRE-FINISHED ALUMINUM WRAP
9. 1/2" AZEK PANEL (PAINT)
10. PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT - VERIFY CONNECTION DETAIL AND LOCATION WITH CIVIL ENGINEER
11. PROVIDE LOUVERED DORMERS FOR MECHANICAL INTAKE (VER. W/MECHANICAL DRAWINGS)
12. LINE OF DRAFT STOPPING
13. SIGNAGE INSTALLED BY GC
14. LINE OF BUILDING BEYOND
15. STOREFRONT WINDOW SYSTEM W/ OPAQUE GLASS & LIMESTONE SILL
16. SINGLE-PLY 60 MIL. EPDM W/ PRE-FIN. METAL EDGE FLASHING W/ DRIP EDGE - INSTALL IN STRICT COMPLIANCE W/ MANUF. INSTALLATION SPECS.

GENERAL ELEVATION NOTES:

1. ALL TRIM BOARDS (U.N.O.) WILL BE CLAD IN PRE-FIN. ALUM. - DETERMINE GAUGE PER RAINBOW CHILD CARE CENTER SPECS.
2. EXTERIOR BRICK IS TO BE STANDARD SIZE - COURSE OUT QUOIN CORNERS
3. EXTERIOR WINDOWS ARE JELDWEN, THEY ARE OPERABLE AND HAVE SCREENS. SCREENS ARE TO BE 16 MESH OR BETTER.
4. DO NOT SCALE HATCHING, REFER TO BUILDING SECTIONS & WALL SECTIONS FOR PROPER CONSTRUCTION METHODS. A.300 - A.305

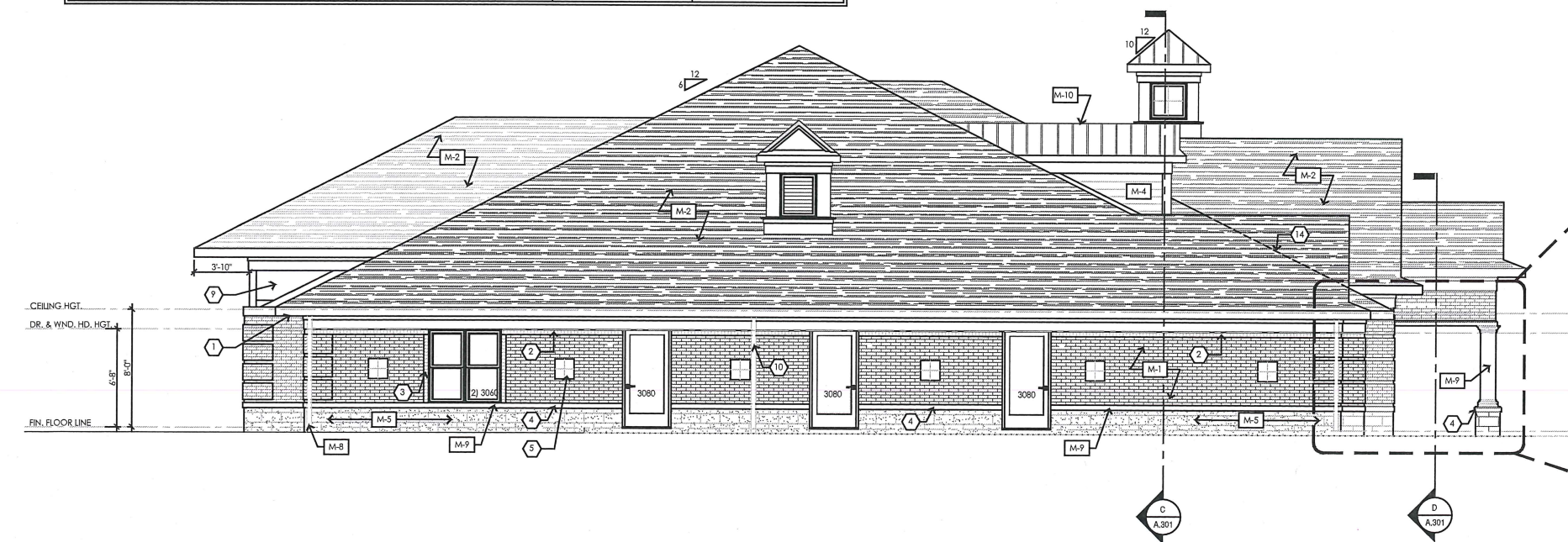
Exterior Elevation Materials

SYMBOL	ITEM	MANUFACTURER	MODEL	COLOR / FINISH	NOTES
M-1	BRICK	BRAMPTON BRICK	CROSSROADS SERIES	COLOR - JASPER	IF BRICK IS NOT READILY AVAILABLE PROVIDE OPTIONS FOR OWNER TO APPROVE
M-2	ASPHALT SHINGLES	GAF ROOFING	TIMBERLINE HD - LIFETIME SHINGLES	COLOR - WEATHERED WOOD	-
M-3	BREAK METAL TRIM	QUALITY EDGE	TRULINE EMBOSSED TRIM COIL	COLOR - 807 (CLAY)	-
M-4	FIBER CEMENT SIDING	JAMES HARDIE	SELECT CEDARMILL LAP SIDING	COBBLE STONE	-
M-5	SPLITFACE C.M.U.	MICHIGAN CERTIFIED CONCRETE	SPLIT FACED	VAOLS	IF BRICK IS NOT READILY AVAILABLE PROVIDE OPTIONS FOR OWNER TO APPROVE
M-6	8X8 DECORATIVE TILES	DAL TILE	NATURAL HUES CERAMIC FLOORS & WALL	QH67 REGENCY BLUE, QH97 DAISY, QH93 CANDY APPLE, QH29 SPRING GREEN	-
M-7	STANDING SEAM METAL ROOF	MCELROY METAL	INSTALOC STANDING SEAM SYSTEM STYLE - PLANK PROFILE	COLOR - COPPER PENNY METALLIC	-
M-8	PRE-FIN ALUMINUM GUTTER	MASTIC HOME EXTERIORS	6" GUTTER COIL - 27 GAUGE	COLOR - DESERT SAND (VERIFY W/OWNER)	-
M-9	SILL & WATER TABLE & COLUMNS	T.B.D.	CAST STONE	VARIEGATED	-
M-10	STANDING SEAM METAL ROOF	MCELROY METAL	INSTALOC STANDING SEAM SYSTEM STYLE - PLANK PROFILE	COLOR - MEDIUM BRONZE	-



Enlarged Cupola Elevation

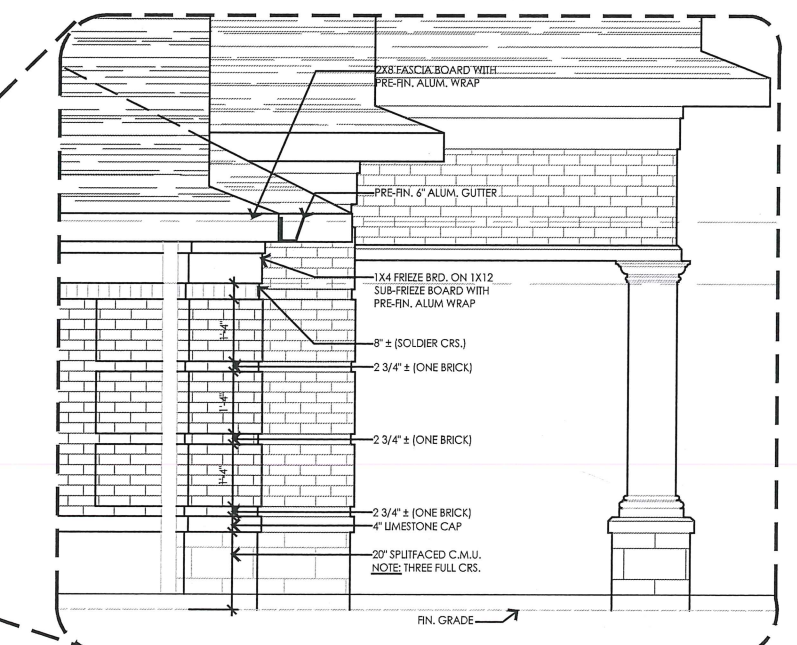
Scale: 1/2" = 1'-0"



Left Elevation Material Calculations:
Glass/Window/Door = 91 sq.ft. (14%)
Stone = 23 sq.ft. (3%)
Brick = 439 sq.ft. (68%)
CMU = 102 sq.ft. (15%)
Total = 655 sq.ft.

Left Side Elevation

Scale: 3/16" = 1'-0"



Enlarged Elevation - Quoin Detail (Typ.)

Scale: 1/2" = 1'-0"

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Exterior Elevations

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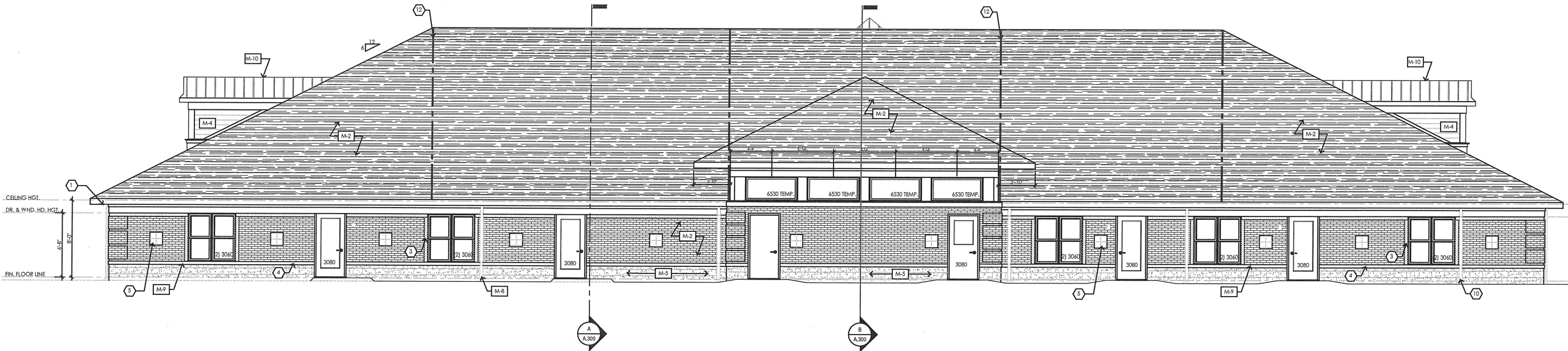
As Noted

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Sheet Number:

A.201



Exterior Elevation Materials					
SYMBOL	ITEM	MANUFACTURER	MODEL	COLOR / FINISH	NOTES
M-1	BRICK	BRAMPTON BRICK	CROSSROADS SERIES	COLOR - JASPER	IF BRICK IS NOT READILY AVAILABLE PROVIDE OPTIONS FOR OWNER TO APPROVE
M-2	ASPHALT SHINGLES	GAF ROOFING	TIMBERLINE HD - LIFETIME SHINGLES	COLOR - WEATHERED WOOD	-
M-3	BREAK METAL TRIM	QUALITY EDGE	TRULINE EMBOSSED TRIM COIL	COLOR - 807 (CLAY)	-
M-4	FIBER CEMENT SIDING	JAMES HARDIE	SELECT CEDARMILL LAP SIDING	COBBLE STONE	-
M-5	SPLITFACE C.M.U.	MICHIGAN CERTIFIED CONCRETE	SPLIT FACED	VAOLS	IF BRICK IS NOT READILY AVAILABLE PROVIDE OPTIONS FOR OWNER TO APPROVE
M-6	8X8 DECORATIVE TILES	DAL TILE	NATURAL HUES CERAMIC FLOORS & WALL	QH67 REGENCY BLUE, QH97 DAISY, QH93 CANDY APPLE, QH29 SPRING GREEN	-
M-7	STANDING SEAM METAL ROOF	MCELROY METAL	INSTALOC STANDING SEAM SYSTEM STYLE - PLANK PROFILE	COLOR - COPPER PENNY METALLIC	-
M-8	PRE-FIN ALUMINUM GUTTER	MASTIC HOME EXTERIORS	6" GUTTER COIL - 27 GAUGE	COLOR - DESERT SAND (VERIFY W/OWNER)	-
M-9	SILL & WATER TABLE & COLUMNS	T.B.D.	CAST STONE	VARIEGATED	-
M-10	STANDING SEAM METAL ROOF	MCELROY METAL	INSTALOC STANDING SEAM SYSTEM STYLE - PLANK PROFILE	COLOR - MEDIUM BRONZE	-

Rear Elevation Material Calculations:

Glass/Window/Door =	291 sq.ft. (23%)
Stone =	44 sq.ft. (3%)
Brick =	733 sq.ft. (57%)
CMU =	217 sq.ft. (17%)
Total =	1,285 sq.ft.

Rear Elevation

Scale: 3/16" = 1'-0"

Keyed Elevation Notes:

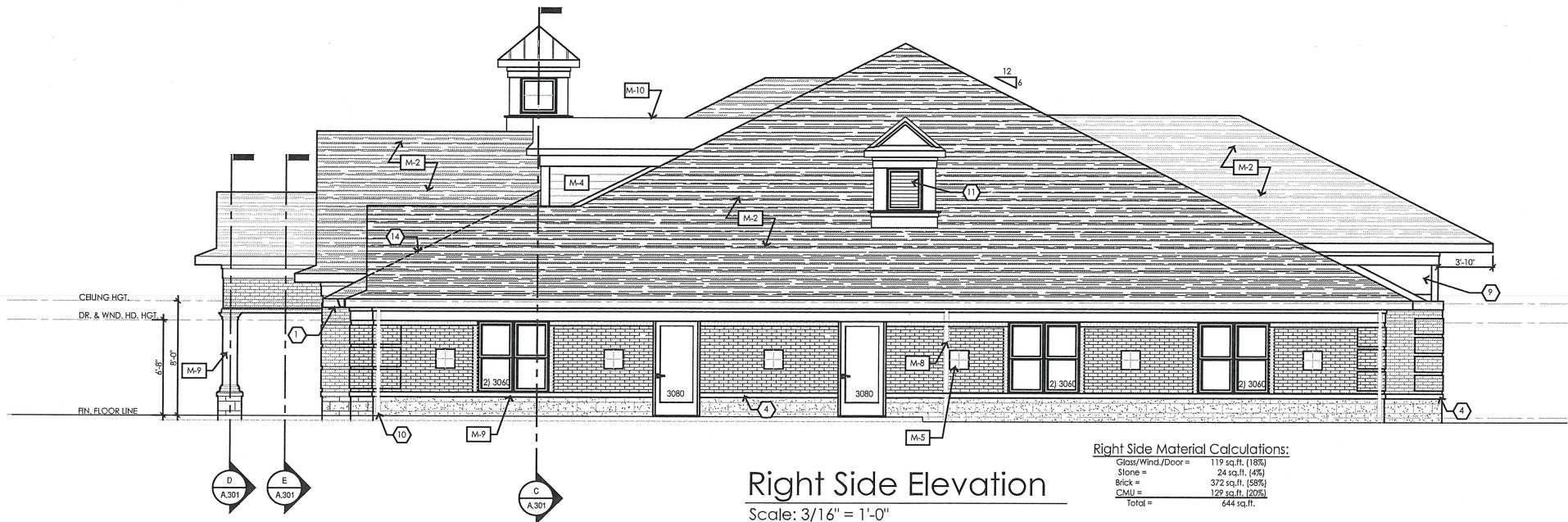
1. TYPICAL EAVE - SEE DETAIL FOR MORE INFORMATION
2. BRICK SOLDIER COURSE (TYP.)
3. BRICK ROWLOCK COURSE
4. SILL SLOPED TO ALLOW WATER RUNOFF WITH DRIP EDGE
5. (4) 8"x8" DECORATIVE TILES PROVIDED AND INSTALLED BY CONTRACTOR - SEE DETAIL #8 ON A.303 (TYP.)
6. PRE-FINISHED BREAK METAL CAP
7. CUPOLA - SEE ENLARGED CUPOLA ELEVATION
8. 1X2 TRIM BRD ON 1X6 RACK BRD. WITH PRE-FINISHED ALUMINUM WRAP
9. 1/2" AZEK PANEL (PAINT)
10. PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT - VERIFY CONNECTION DETAIL AND LOCATION WITH CIVIL ENGINEER
11. PROVIDE LOUVERED DORMERS FOR MECHANICAL INTAKE (VER. W/MECHANICAL DRAWINGS)
12. LINE OF DRAFT STOPPING
13. SIGNAGE INSTALLED BY GC
14. LINE OF BUILDING BEYOND
15. STOREFRONT WINDOW SYSTEM W/ OPAQUE GLASS & LIMESTONE SILL
16. SINGLE-PLY 60 MIL. EPDM W/ PRE-FIN. METAL EDGE FLASHING W/ DRIP EDGE - INSTALL IN STRICT COMPLIANCE W/ MANUF. INSTALLATION SPECS.

GENERAL ELEVATION NOTES:

1. ALL TRIM BOARDS (U.N.D.) WILL BE CLAD IN PRE-FIN. ALUM. - DETERMINE GAUGE PER RAINBOW CHILD CARE CENTER SPECS.
2. EXTERIOR BRICK IS TO BE STANDARD SIZE - COURSE OUT QUOIN CORNERS
3. EXTERIOR WINDOWS ARE JELDWEN. THEY ARE OPERABLE AND HAVE SCREENS. SCREENS ARE TO BE 16 MESH OR BETTER.
4. DO NOT SCALE HATCHING. REFER TO BUILDING SECTIONS & WALL SECTIONS FOR PROPER CONSTRUCTION METHODS. A.300 - A.305

Total Building Elevation Material Calculations:

Glass/Window/Door =	805 sq.ft. (18.8%)
Stone =	137 sq.ft. (3.1%)
Brick =	2,147 sq.ft. (50.0%)
CMU =	666 sq.ft. (15.6%)
Siding =	535 sq.ft. (12.5%)
Total =	4,290 sq.ft.



Right Side Elevation

Scale: 3/16" = 1'-0"

Right Side Material Calculations:

Glass/Window/Door =	119 sq.ft. (18%)
Stone =	24 sq.ft. (4%)
Brick =	372 sq.ft. (58%)
CMU =	122 sq.ft. (20%)
Total =	644 sq.ft.