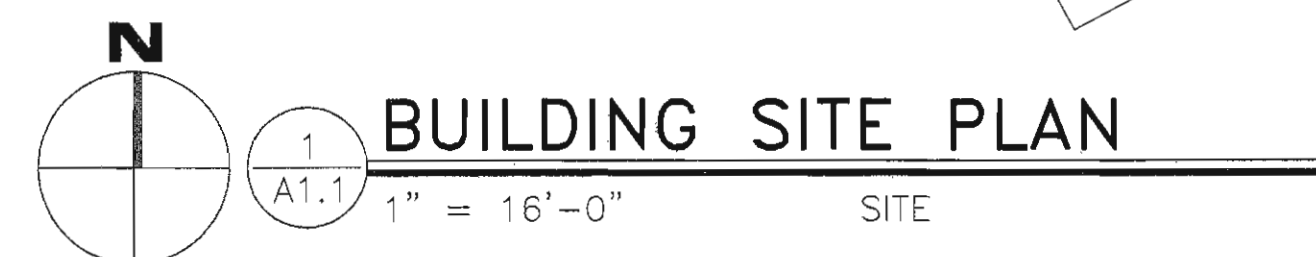
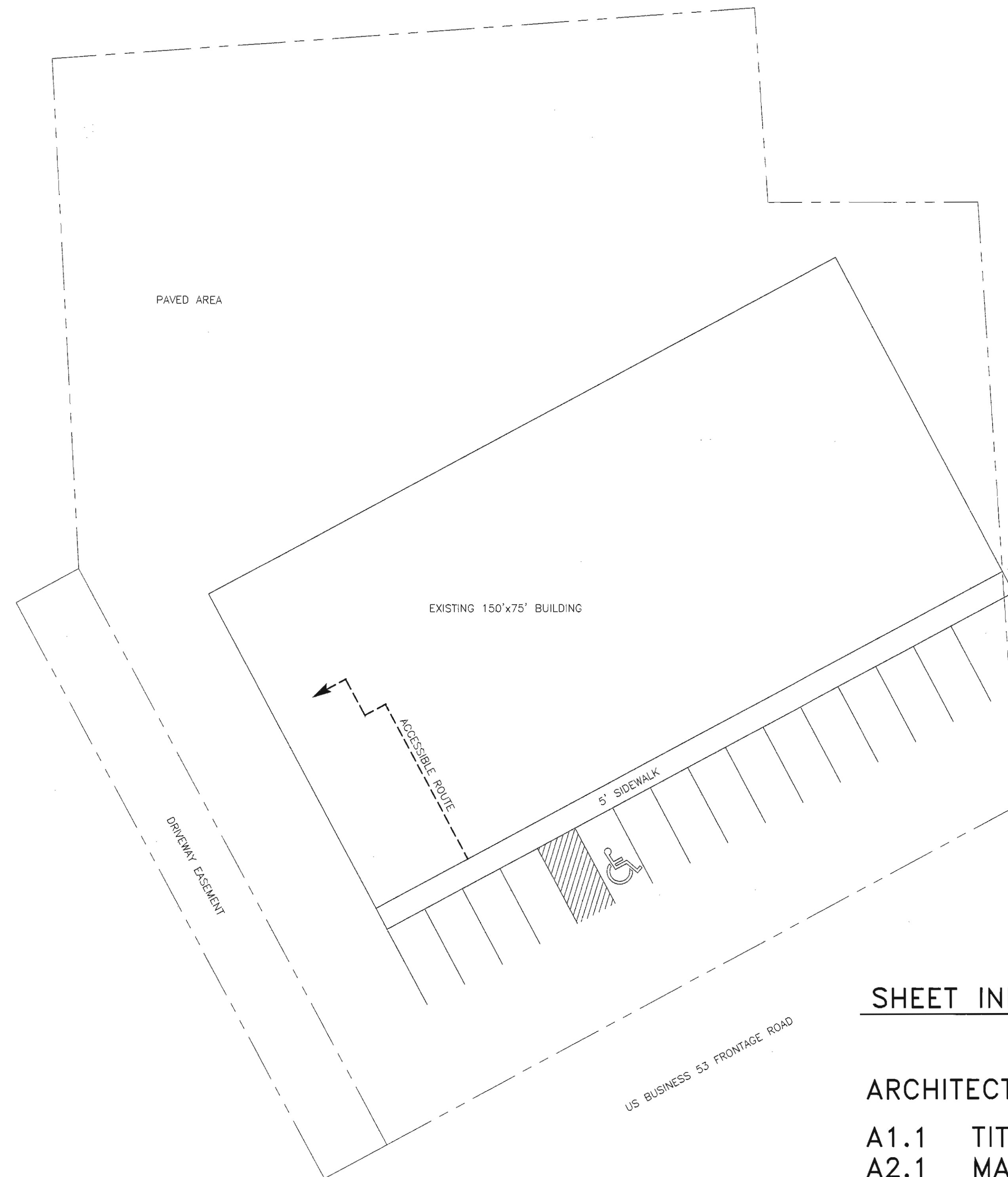


C & E WURZER BUILDING 2009 REMODEL BUSINESS 53 LAKE HALLIE, WISCONSIN



SHEET INDEX

ARCHITECTURAL

- A1.1 TITLE SHEET/SHEET INDEX/SITE PLAN
- A2.1 MAIN FLOOR DEMOLITION PLAN/PARTIAL MEZZANINE DEMOLITION PLAN
- A3.1 MAIN FLOOR REMODELED PLAN/TYPICAL HANDICAPPED TOILET ROOM ELEVATIONS
- A3.2 MEZZANINE REMODELED PLAN
- A4.1 EXTERIOR ELEVATIONS/BUILDING SECTION/WALL SECTION @ NEW CURTAIN WALL

STRUCTURAL

- A9.1 STRUCTURAL DESIGN NOTES
- A9.2 MEZZANINE FLOOR FRAMING PLAN/STRUCTURAL DETAILS



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BUSINESS 53
LAKE HALLIE, WISCONSIN

- TITLE SHEET
- SHEET INDEX
- SITE PLAN

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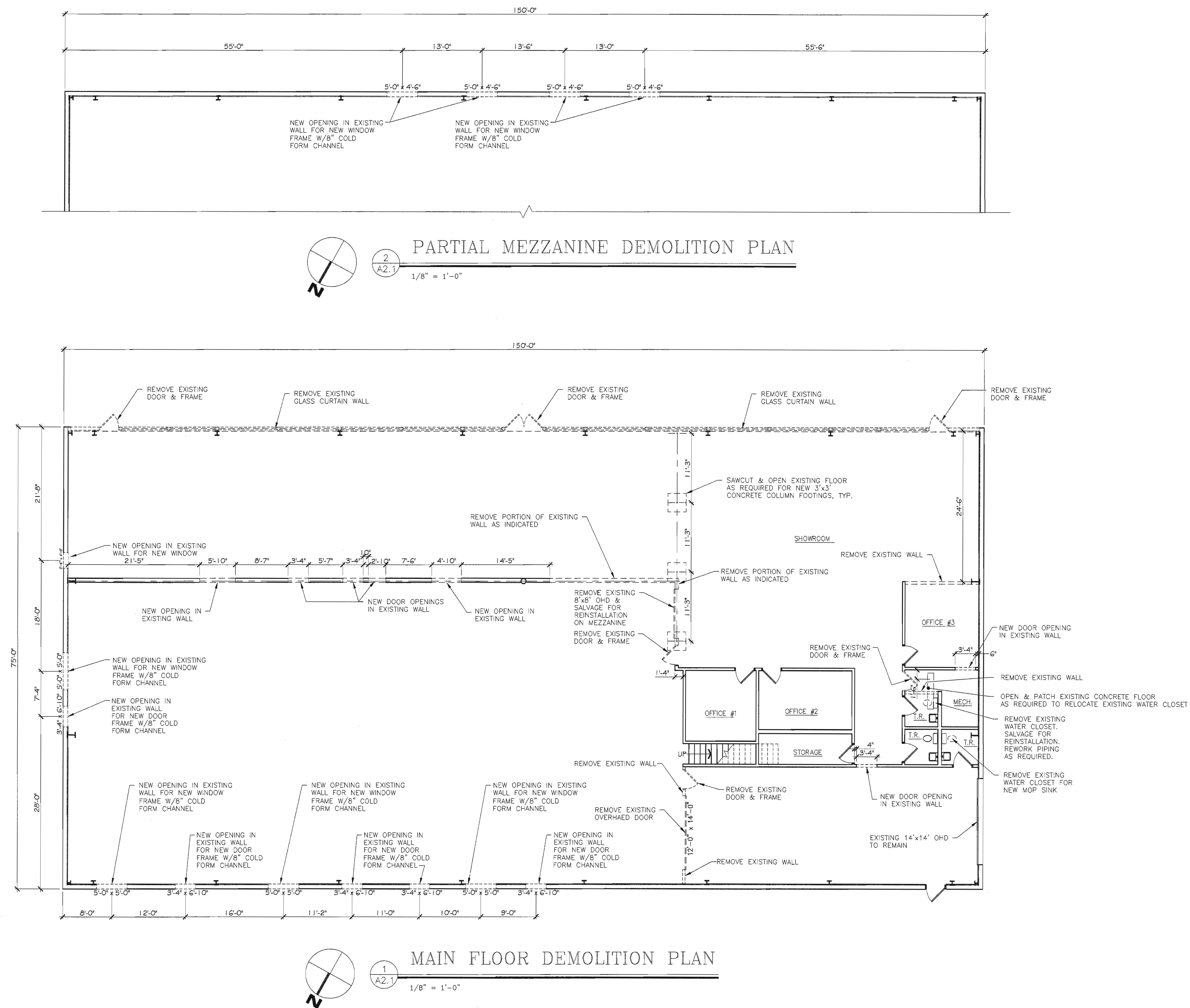
- MAIN FLOOR
DEMOLITION PLAN
- PARTIAL MEZZANINE
DEMOLITION PLAN

CONCLUSIONS:

DATE: JULY 14, 2009

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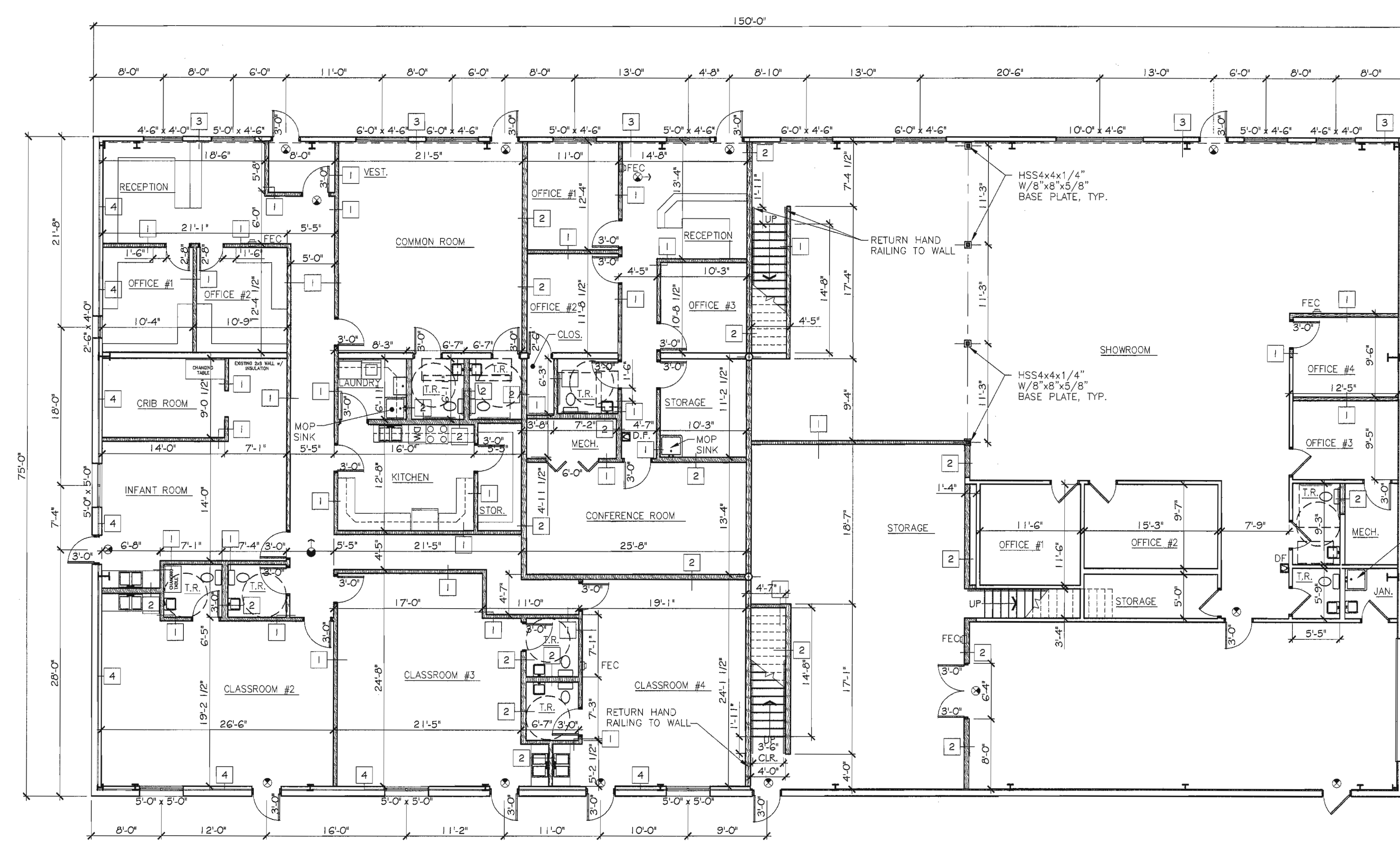


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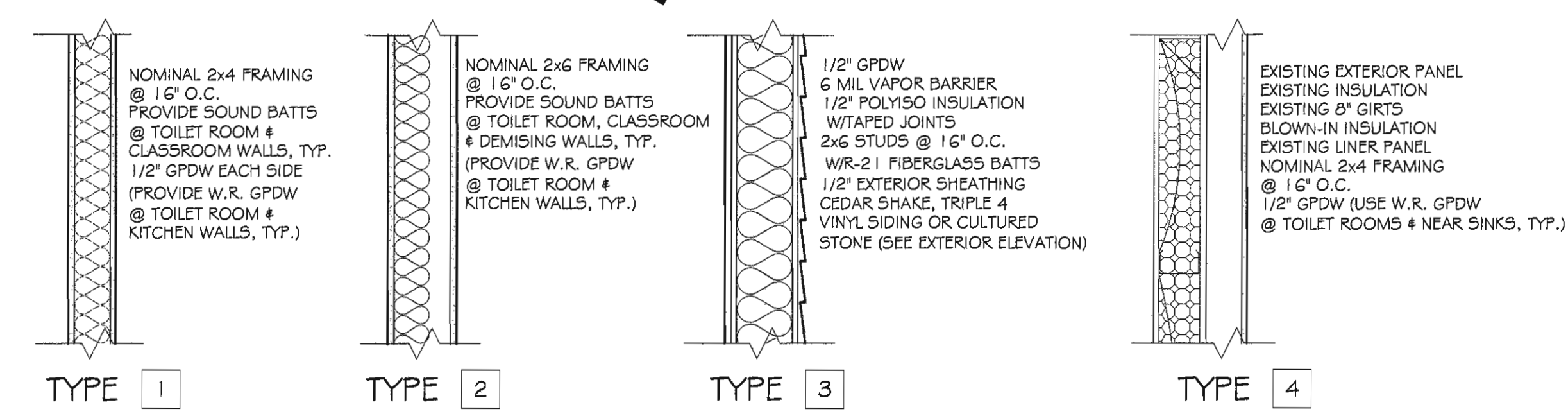
- MAIN FLOOR
REMODELED PLAN
- TYPICAL HANDICAPPED
TOILET ROOM ELEVATIONS

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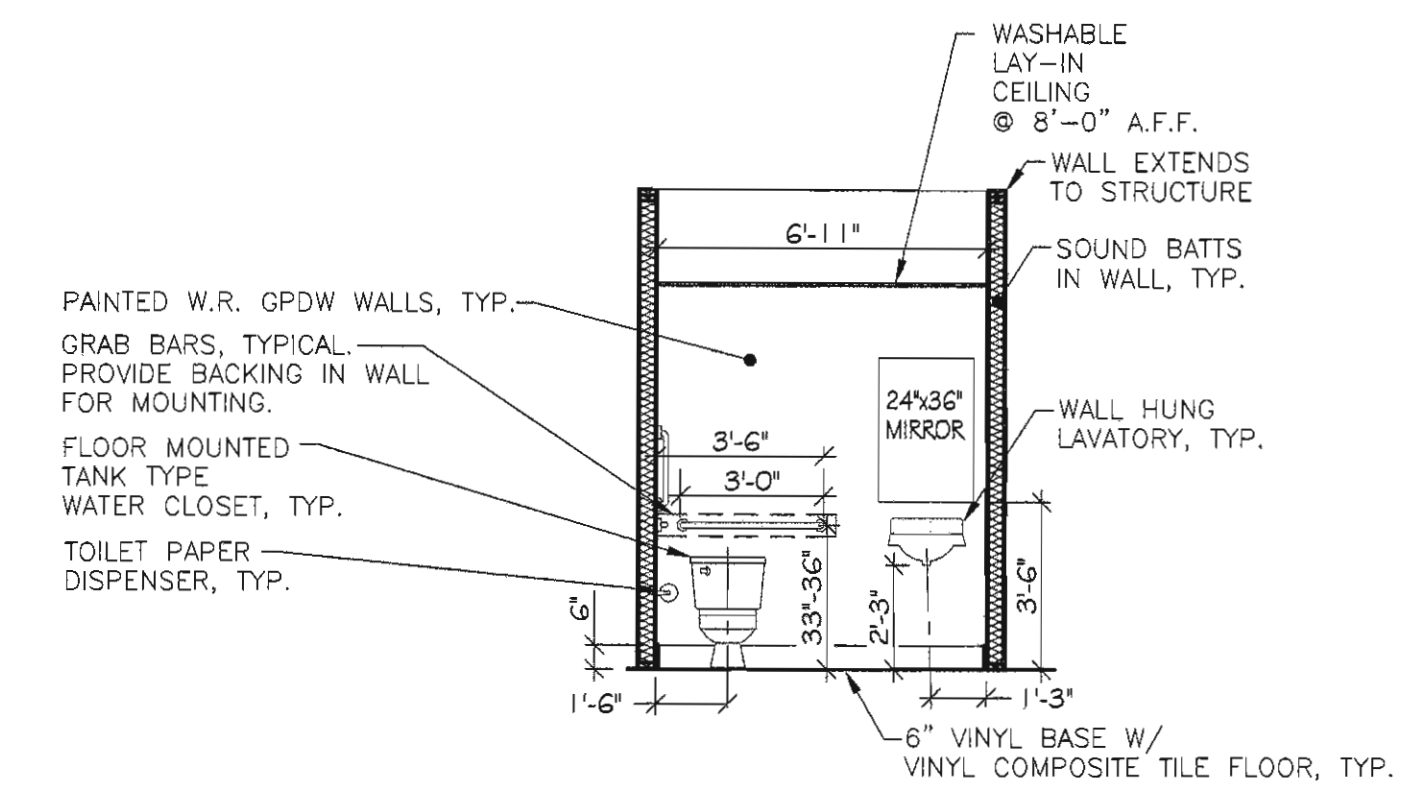
CLASSROOM #1: 360 SF - 10 CHILDREN
CLASSROOM #2: 512 SF - 14 CHILDREN
CLASSROOM #3: 524 SF - 14 CHILDREN
CLASSROOM #4: 525 SF - 15 CHILDREN
COMMON ROOM: 525 SF - 15 CHILDREN

1
A3.1
MAIN FLOOR REMODELED PLAN
1/8" = 1'-0"



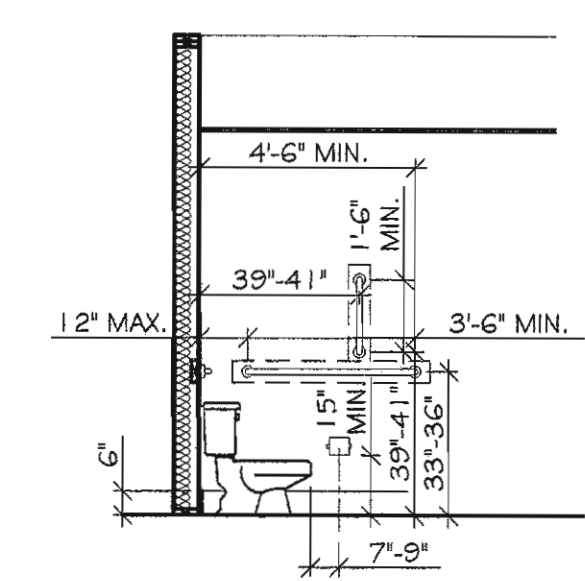
2
A3.1
WALL TYPES
1" = 1'-0"

- LEGEND
- 1 WALL TYPE (SEE DETAIL 2/A3.1)
 - 2 CEILING MOUNTED EXIT LIGHT
 - FEC FIRE EXTINGUISHER IN WALL CABINET
 - D.F. DRINKING FOUNTAIN

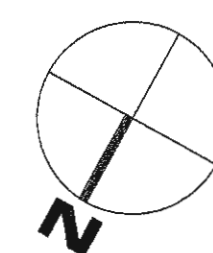
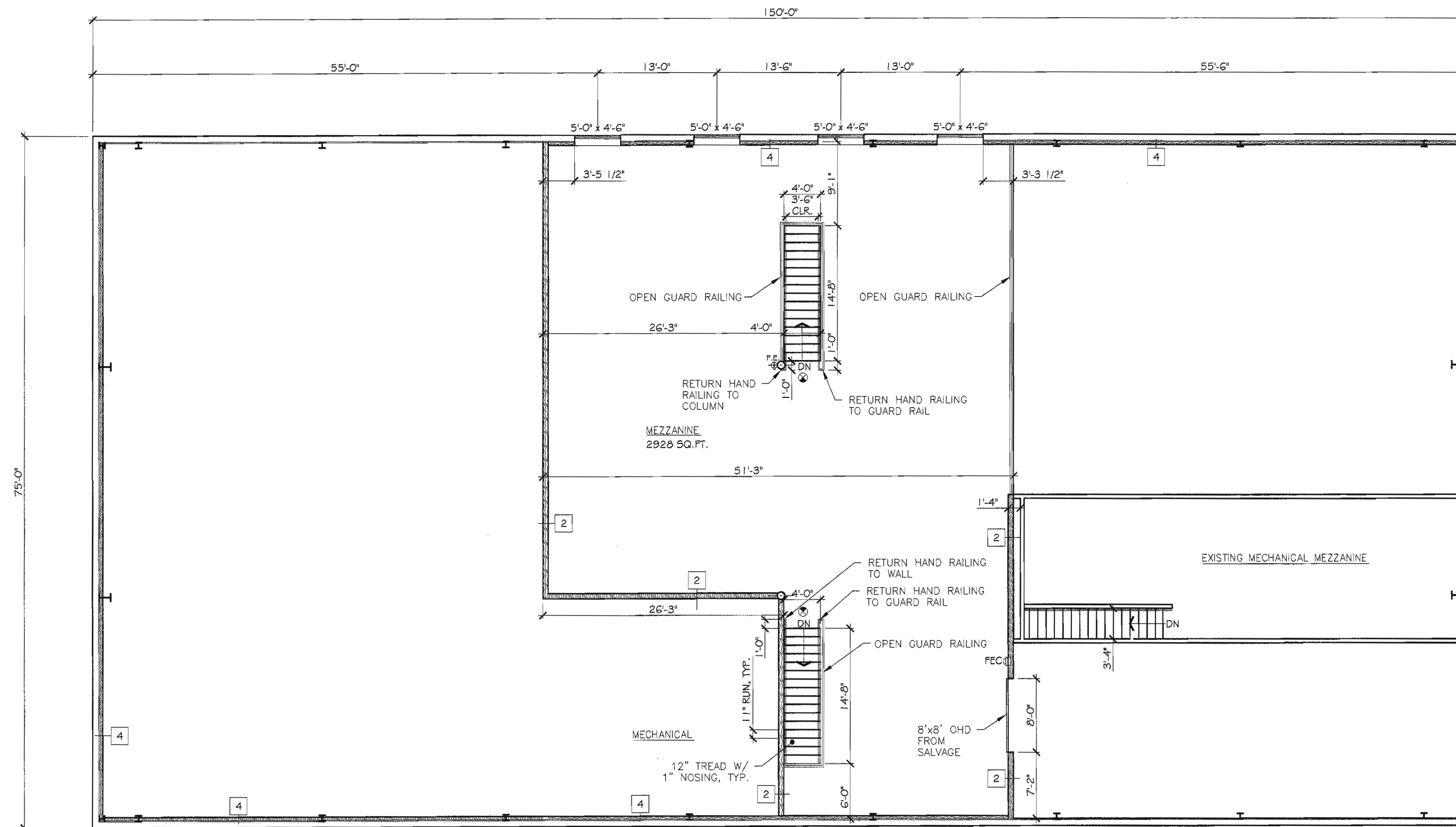


3
A3.1
TYPICAL HANDICAPPED
TOILET ROOM ELEVATION
1/4" = 1'-0"

- HANDICAPPED TOILET ROOM NOTES:
- GRAB BAR @ REAR WALL
36" LONG, 6" FROM CORNER;
MOUNT 33'-36" ABOVE FLOOR TO CENTER
 - GRAB BARS @ SIDE WALL
42" LONG, 12" FROM CORNER;
MOUNT 33'-36" ABOVE FLOOR TO CENTER
 - TOILET PAPER DISPENSER:
MOUNT MINIMUM OF 15"
ABOVE FLOOR TO BOTTOM
 - HANDICAPPED TOILET:
INSTALL AT LEAST 17" FROM
FLOOR TO TOP OF SEAT
 - MOUNT RIM OF SINK 34" ABOVE
FLOOR; PROVIDE CLEARANCE OF
27" TO BOTTOM OF SINK APRON
 - MOUNT MIRROR W/BOTTOM EDGE
OF REFLECTING SURFACE NO HIGHER
THAN 40" ABOVE FINISHED FLOOR
 - USE 5/8" WATER RESISTANT
GYPSUM BOARD TAPED & TEXTURED,
PRIMED & PAINTED W/6" VINYL BASE,
& VINYL COMPOSITE TILE FLOOR, TYPICAL.



4
A3.1
TYPICAL HANDICAPPED
TOILET ROOM ELEVATION
1/4" = 1'-0"



1
A3.2

MEZZANINE REMODELED PLAN

1/8" = 1'-0"

NOTE:
GUARD RAILING SHALL
BE 42" HIGH, TYPICAL

LEGEND

- 1 WALL TYPE (SEE DETAIL 2/A3.1)
- ⊗ CEILING MOUNTED EXIT LIGHT
- FEC FIRE EXTINGUISHER IN WALL CABINET
- F.E. ∅ WALL MOUNTED FIRE EXTINGUISHER



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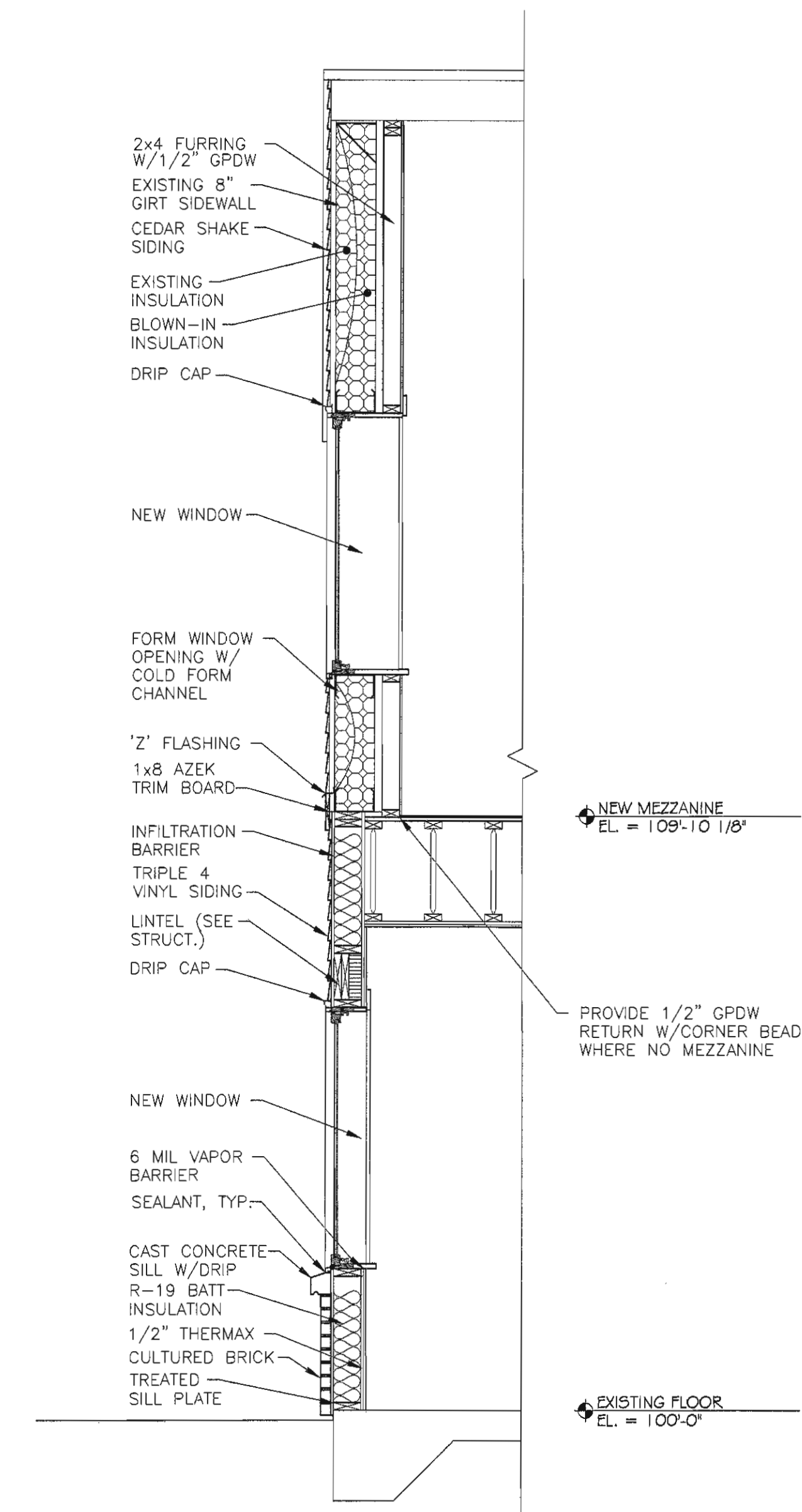
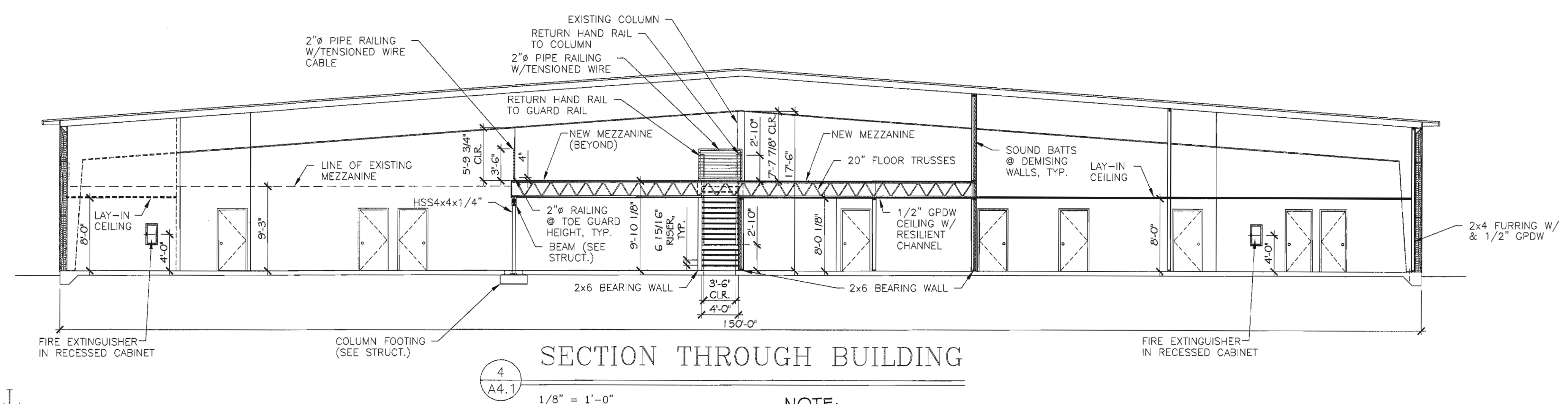
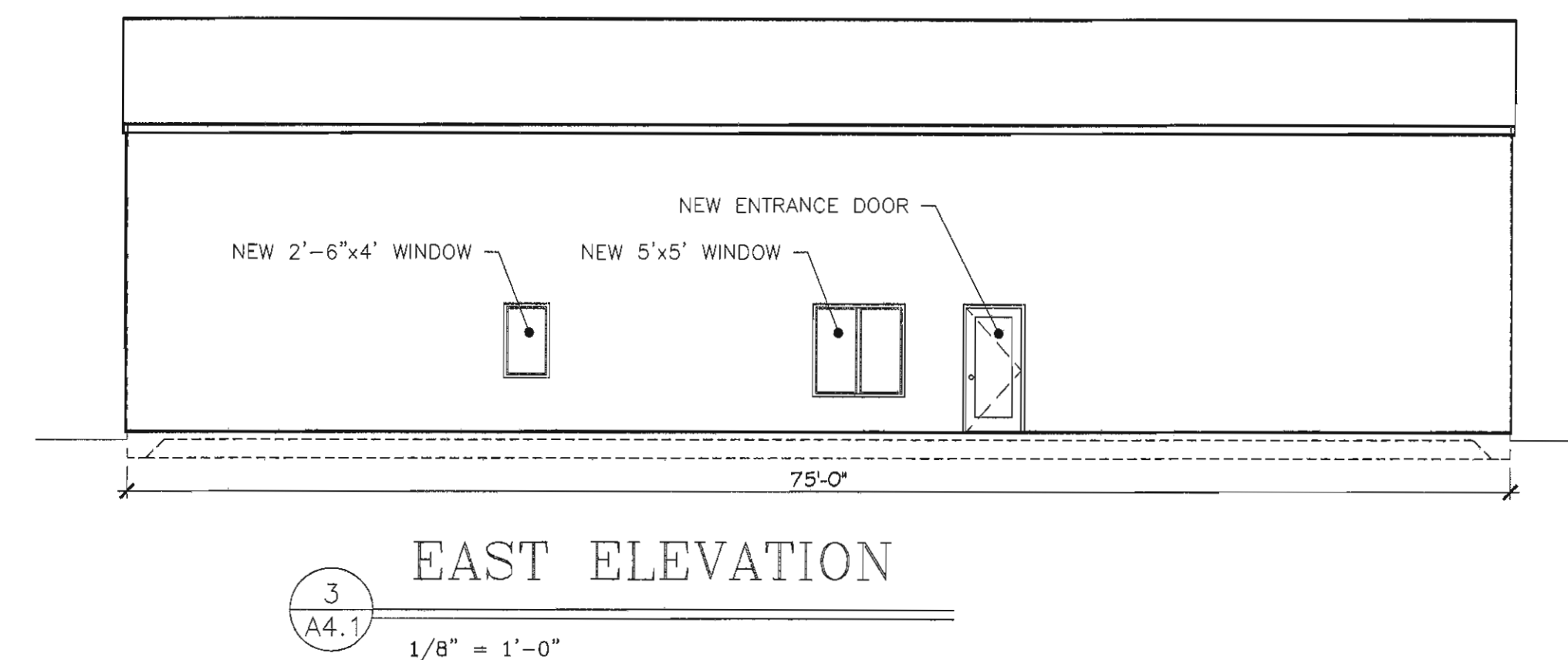
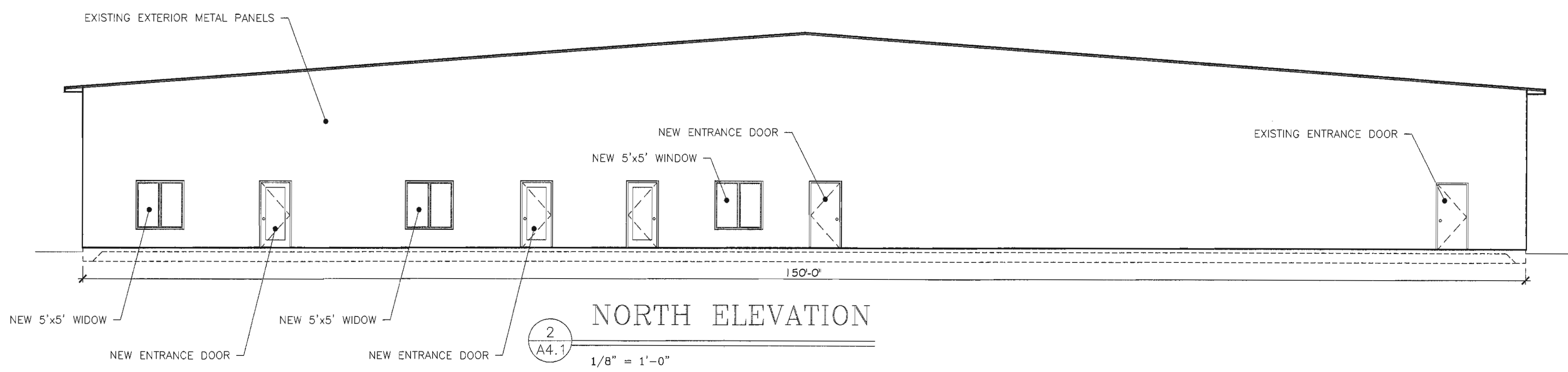
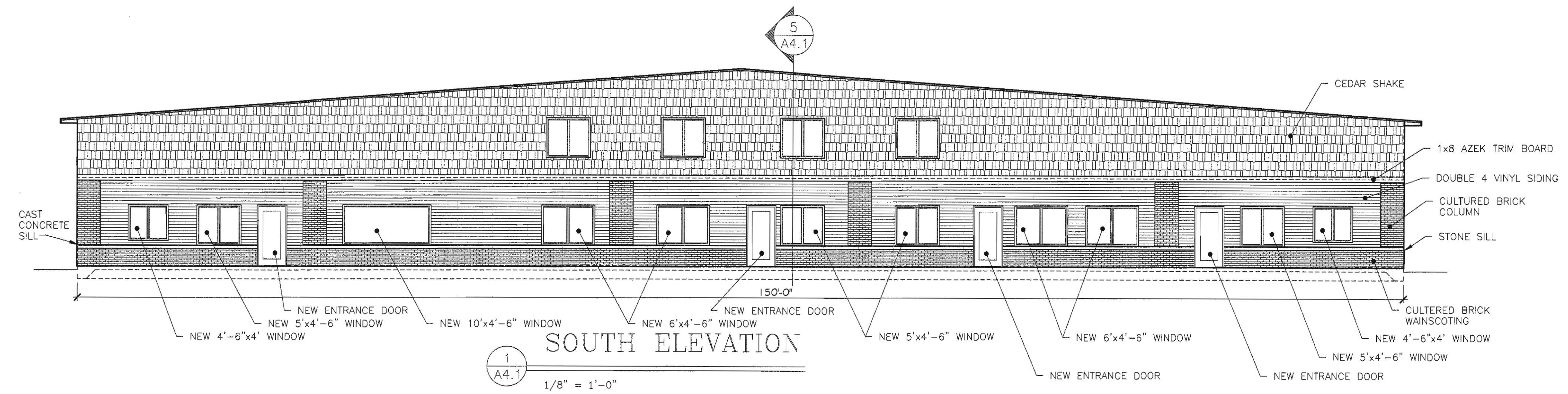
- MEZZANINE
REMODELED PLAN

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WALL SECTION @ NEW CURTAIN WALL

5/A4.1
 1/2" = 1'-0"

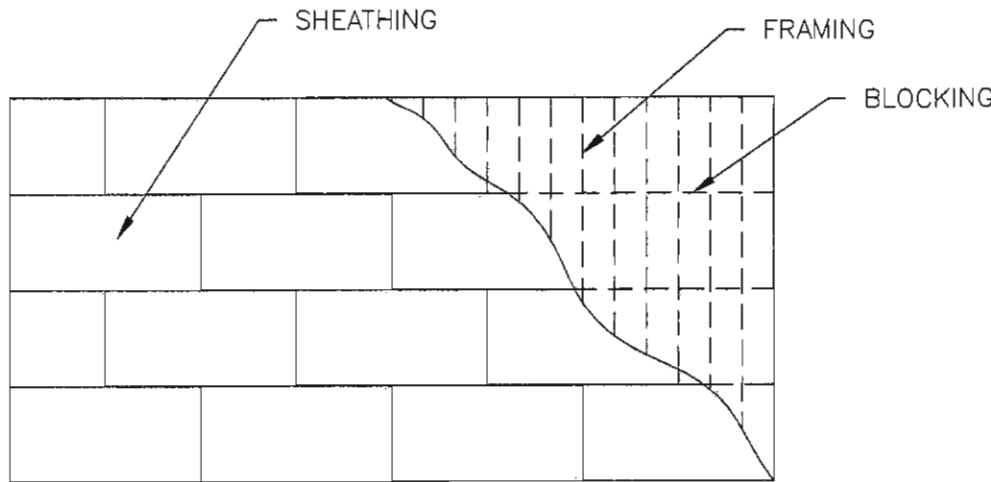
NOTE:
 12" TREAD @ STAIRS, TYP.
 6 15/16" RISE, 11" RUN,
 1" NOSING, TYP.

WOOD FRAME FASTENING SCHEDULE

CONNECTION	FASTENING	LOCATION
JOIST TO SILL OR GIRDER	3-8d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	TOE NAIL
BRIDGING TO JOIST	2-8d COMMON 2-3"x0.131" NAIL 2-3" 14 GAGE STAPLE	TOE NAIL EACH END
1x6 SUBFLOOR OR LESS TO JOIST	2-8d COMMON	FACE NAIL
WIDER THAN 1x6 SUBFLOOR TO JOIST	2-8d COMMON	FACE NAIL
2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON	BLIND AND FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d @ 16" C-C 3"x0.131" NAIL @ 8" C-C 3" 14 GAGE STAPLE @ 12" C-C	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	3-16d @ 16" C-C 3"x0.131" NAIL @ 16" C-C 3" 14 GAGE STAPLE @ 16" C-C	BRACED WALL PANELS
TOP PLATE TO STUD	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	END NAIL
STUD TO SOLE PLATE	4-8d COMMON 4-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	TOE NAIL
	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	END NAIL
DOUBLE STUDS	16d @ 24" C-C 3"x0.131" NAIL @ 8" C-C 3" 14 GAGE STAPLE @ 8" C-C	FACE NAIL
DOUBLE TOP PLATES (STAGGER JOINTS 4'-0")	16d @ 24" C-C 3"x0.131" NAIL @ 8" C-C 3" 14 GAGE STAPLE @ 8" C-C	TYPICAL FACE NAIL
DOUBLE TOP PLATES (STAGGER JOINTS 4'-0")	8-16d COMMON 12-3"x0.131" NAIL 12-3" 14 GAGE STAPLE	LAP SPLICE
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3-8d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	TOE NAIL
RIM JOIST TO TOP PLATE	8d @ 6" C-C 3"x0.131" NAIL @ 8" C-C 3" 14 GAGE STAPLE @ 6" C-C	TOE NAIL
TOP PLATES, LAPS AND INTERSECTIONS	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" C-C ALONG EDGE
CEILING JOISTS TO PLATE	3-8d COMMON 5-3"x0.131" NAIL 5-3" 14 GAGE STAPLE	TOE NAIL
CONTINUOUS HEADER TO STUD	4-8d COMMON	TOE NAIL
CEILING JOISTS, LAPS OVER PARTITIONS	3-16d COMMON 4-3"x0.131" NAIL 4-3" 14 GAGE STAPLE	FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	3-16d COMMON 4-3"x0.131" NAIL 4-3" 14 GAGE STAPLE	FACE NAIL
RAFTER TO PLATE	3-8d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	TOE NAIL
1" DIAGONAL BRACE TO EACH STUD AND PLATE	2-8d COMMON 2-3"x0.131" NAIL 2-3" 14 GAGE STAPLE	FACE NAIL
1x8 SHEATHING TO EACH BEARING WALL	2-8d COMMON	FACE NAIL
WIDER THAN 1x8 SHEATHING TO EACH BEARING WALL	3-8d COMMON	FACE NAIL
BUILT-UP CORNER STUDS	16d COMMON 3"x0.131" NAIL 3" 14 GAGE STAPLE	24" C-C 16" C-C 16" C-C
BUILT-UP GIRDER AND BEAMS	20d COMMON @ 32" C-C 3"x0.131" NAIL AT 24" C-C 3" 14 GAGE STAPLE @ 24" C-C	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	2-20d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	FACE NAIL AT END AND AT EACH SPLICE
2" PLANKS	16d COMMON	AT EACH BEARING
COLLAR TIE TO RAFTER	3-10d COMMON 4-3"x0.131" NAIL 4-3" 14 GAGE STAPLE	FACE NAIL
JACK RAFTER TO HIP	3-10d COMMON 4-3"x0.131" NAIL 4-3" 14 GAGE STAPLE	TOE NAIL
	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	FACE NAIL
ROOF RAFTER TO 2x RIDGE BEAM	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	TOE NAIL
	2-16d COMMON 3-3"x0.131" NAIL 3-3" 14 GAGE STAPLE	FACE NAIL

WOOD FRAME FASTENING SCHEDULE

CONNECTION	FASTENING	LOCATION
JOIST TO BAND JOIST	3-16d COMMON 5-3"x0.131" NAIL 5-3" 14 GAGE STAPLE	FACE NAIL
LEDGER STRIP	3-16d COMMON 4-3"x0.131" NAIL 4-3" 14 GAGE STAPLE	FACE NAIL
WOOD STRUCTURAL PANELS AND PARTICLEBOARD: SUBFLOOR, ROOF AND WALL SHEATHING TO FRAMING	1/2" AND LESS	6d 2,375"x0.113" NAIL 1.75" 16 GAGE STAPLE
	19/32" TO 3/4"	8d OR 6d 2,375"x0.113" NAIL 2" 16 GAGE STAPLE
	7/8" TO 1"	8d
	1 1/8" TO 1 1/4"	10d OR 8d
	3/4" OR LESS	6d
	7/8" TO 1"	8d
	1 1/8" TO 1 1/4"	10d OR 8d
SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	1/2" OR LESS	6d 8d
PANEL SIDING TO FRAMING	1/2" OR LESS	6d 8d
FIBERBOARD SHEATHING	1/2"	#11 GAGE ROOFING NAIL 6d COMMON NAIL # 16 GAGE STAPLE
	25/32"	#11 GAGE ROOFING NAIL 8d COMMON NAIL # 16 GAGE STAPLE
INTERIOR PANELING	1/4" 3/8"	4d 6d



SHEATHING ORIENTATION

DESIGN AND LOAD DATA

DESIGN SPECIFICATIONS
WISCONSIN UNIFORM DWELLING CODE
CURRENT EDITION WITH SUBSEQUENT REVISIONS

DESIGN LOAD INFORMATION

DEAD LOADS
FLOOR DEAD LOAD - 15 PSF

FLOOR LIVE LOADS
LIVE LOAD - 75 PSF

SOIL DESIGN INFORMATION

SOIL DATA
SOIL TYPE - SW
PRESUMED BEARING CAPACITY - 2000 PSF

WOOD FRAME REQUIREMENTS

MATERIALS
MAIN FRAMING MEMBERS - #2 SP-F
SECONDARY FRAMING MEMBERS - #2 SP-F
MICROLLAM BEAMS - 1.9 E
FLOOR SHEATHING - 3/4" 40/20 SPAN RATED SHEATHING

DRYWALL FASTENERS
6d @ 7" C-C, UNBLOCKED

GENERAL NOTES

1. THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS IN STRICT ACCORDANCE WITH SAFETY REQUIREMENTS IMPOSED BY THE OWNER AND OSHA. THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE OWNER'S PROPERTY AND DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
2. THIS STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER IT IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES; AND TO INSURE THE STABILITY OF THE STRUCTURE AND ITS COMPONENT PARTS, AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS, OR TIE-DOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN ON THE DRAWINGS. IF APPLIED, THEY SHALL BE REMOVED AS CONDITIONS PERMIT, AND SHALL REMAIN THE CONTRACTORS PROPERTY.
3. SAFETY: IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
4. ENGINEERING DRAWINGS: ALL DEVIATIONS FROM THE ENGINEERING DRAWINGS SHALL BE SUBMITTED IN WRITTEN FORM TO THE OWNER OR THEIR REPRESENTATIVE FOR APPROVAL.
5. EXISTING UTILITIES AND ALL OTHER OBSTRUCTIONS TO WORK SHALL BE TEMPORARILY REMOVED BY THE CONTRACTOR AND REINSTALLED (INCLUDING NECESSARY MODIFICATIONS) BY THE CONTRACTOR AFTER COMPLETION OF WORK.
6. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER OR THEIR REPRESENTATIVE BEFORE SHOP WORK IS PERMITTED TO COMMENCE. ALL DEVIATIONS FROM THE ENGINEERING DRAWINGS SHALL BE CIRCLED AND NOTED ON THE SHOP DRAWINGS.
7. DIMENSIONS PERTAINING TO EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ANY FABRICATION, CONSTRUCTION, OR ERECTION.
8. EXCAVATION SHALL PROCEED WITH CARE TO AVOID DAMAGE TO UNKNOWN UNDERGROUND SERVICES.
9. BACKFILL SHALL BE GRANULAR MATERIAL, FREE FROM CLAY, LOAM, OR PERISHABLE MATERIALS. THE APPROVED GRANULAR FILL MATERIAL SHALL BE COMPACTED TO A DENSITY EQUIVALENT TO 95% MODIFIED PROCTOR.

FOUNDATIONS

1. FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL.

STRUCTURAL STEEL

1. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS", AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS.
2. ROLLED SHAPES, PLATES, AND BARS SHALL CONFORM TO ASTM A36 WITH A MINIMUM YIELD STRESS (Fy) OF 36,000 PSI. CIRCULAR PIPE SHALL CONFORM TO ASTM A53, GRADE B, WITH A MINIMUM YIELD STRESS (Fy) OF 35,000 PSI. SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500, GRADE B, WITH A MINIMUM YIELD STRESS (Fy) OF 46,000 PSI.
3. SPlicing OF STRUCTURAL STEEL IS PROHIBITED EXCEPT AS DETAILED.
4. STRUCTURAL STEEL SHALL BE NEW UNLESS OTHERWISE NOTED, AND SHALL BE PAINTED WITH ONE COAT OF APPROVED PRIMER AND APPROVED FINISH COAT AS DIRECTED BY THE OWNER.
5. BOLTS SHALL CONFORM TO ASTM A325X WITH ASTM A563 NUTS. BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD, AND SHALL HAVE A HARDENED STEEL WASHER, ASTM F436, UNDER THE TURNED ELEMENT.
6. WELDING SHALL CONFORM TO THE CURRENT AWS D1.1 "STRUCTURAL WELDING CODE-STEEL". WELDING ELECTRODES SHALL BE E70XX.
7. WELDS SHALL BE MADE ONLY BY CERTIFIED WELDERS AND WELDING OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED BY TESTS AS PRESCRIBED IN THE CURRENT AWS D1.1 "STRUCTURAL WELDING CODE-STEEL". PROOF OF CERTIFICATION SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL BEFORE ANY WELDING IS PERMITTED TO BEGIN.
8. WELDING OF STAINLESS STEEL TO BE PERFORMED USING STAINLESS RODS AND WELDING PROCEDURES.
9. ANCHOR BOLTS FOR COLUMNS SHALL CONFORM TO ASTM A307. ANCHOR BOLTS FOR MACHINES SHALL CONFORM TO ASTM A325. ALL ANCHOR BOLTS SHALL BE SET BY TEMPLATE METHOD, OR AN APPROVED EQUIVALENT METHOD.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS FO THE CURRENT ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:

1. ALL CONCRETE TO BE NORMAL WEIGHT, WITH AGGREGATES CONFORMING TO ASTM C33.
2. CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH (F'c):

FLOOR SLABS - 4000 PSI
FOUNDATIONS - 4000 PSI

3. CHLORIDE BASED ADMIXTURES ARE PROHIBITED IN ALL REINFORCED CONCRETE. OTHER ADMIXTURES SHALL CONFORM TO ASTM C494.
4. REINFORCING STEEL SHALL BE DEFORMED AND CONFORM TO A615, A616, OR A617, GRADE 60, WITH MINIMUM YIELD STRESS (Fy) OF 60,000 PSI. THE MINIMUM LAP FOR SPLICES SHALL BE 3'-6".
5. CONCRETE COVER ON ALL REINFORCING SHALL BE 3" UNLESS OTHERWISE NOTED.
6. MAXIMUM SLUMP SHALL BE 4"±1" AS DETERMINED IN ACCORDANCE WITH ASTM C143.
7. CONCRETE FINISH:

FLOOR SLABS - HARD TROWELED FINISH
PAVING SLABS - FLOAT/BROOM FINISH

8. ALL CONCRETE EXPOSED TO THE EXTERIOR SHALL BE AIR ENTRAINED WITH AN AIR CONTENT OF 6%±.

RETAINING WALL

1. CONCRETE BLOCK RETAINING WALL TO MATCH EXISTING RETAINING WALL TO NORTH. INSTALLATION OF RETAINING WALL TO FOLLOW ALL MANUFACTURER'S REQUIREMENTS.



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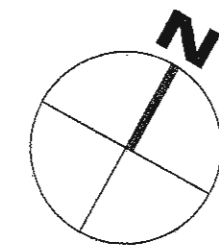
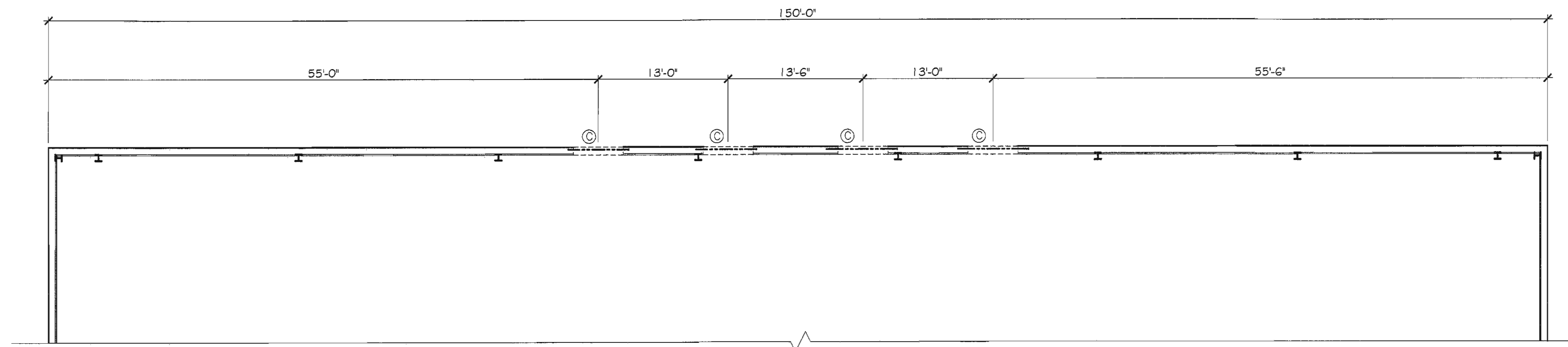
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- STRUCTURAL DESIGN NOTES

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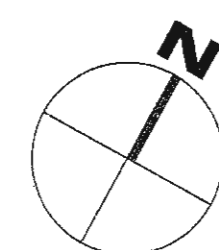
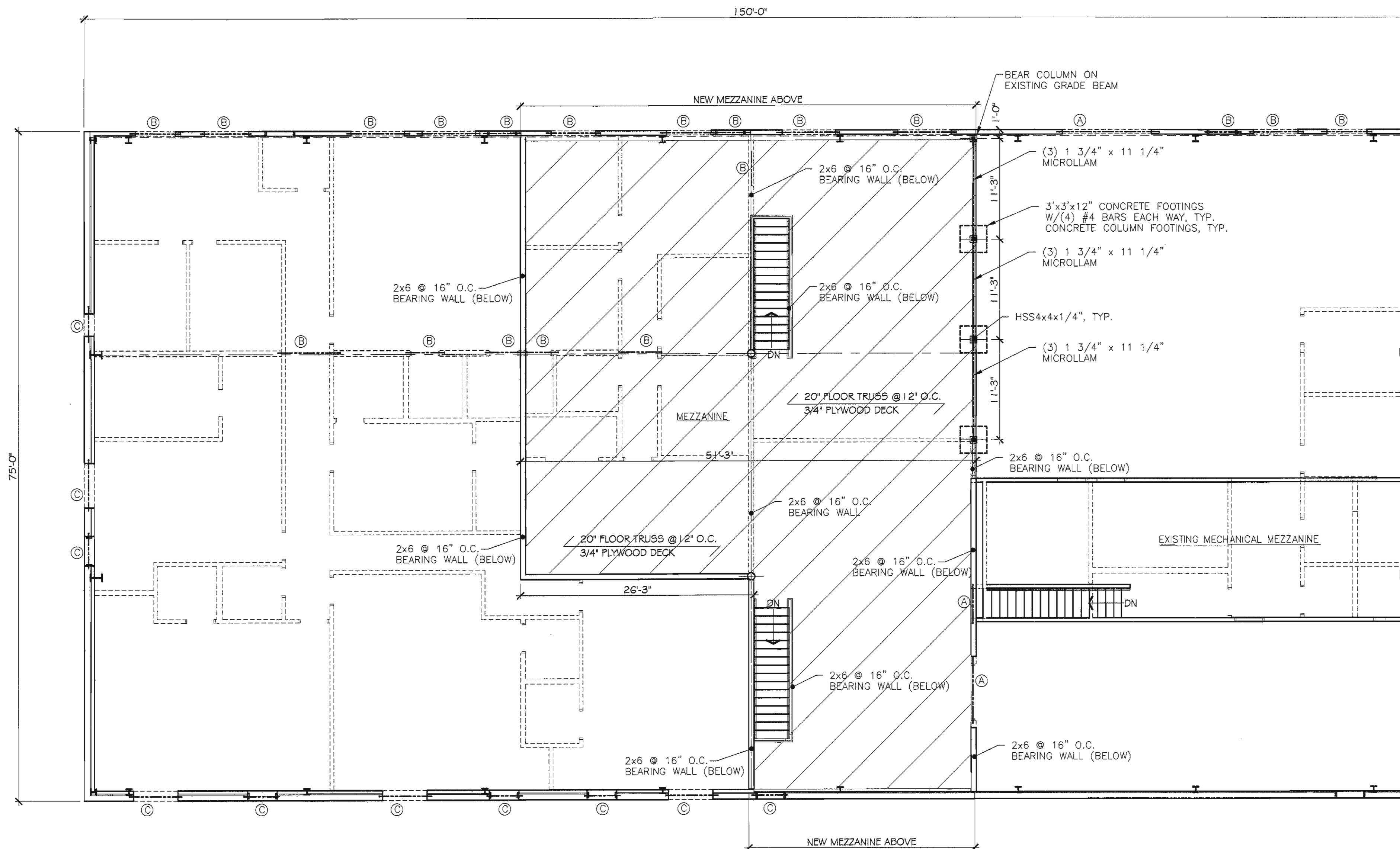
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A9.2

PARTIAL MEZZANINE FRAMING PLAN

1/8" = 1'-0"



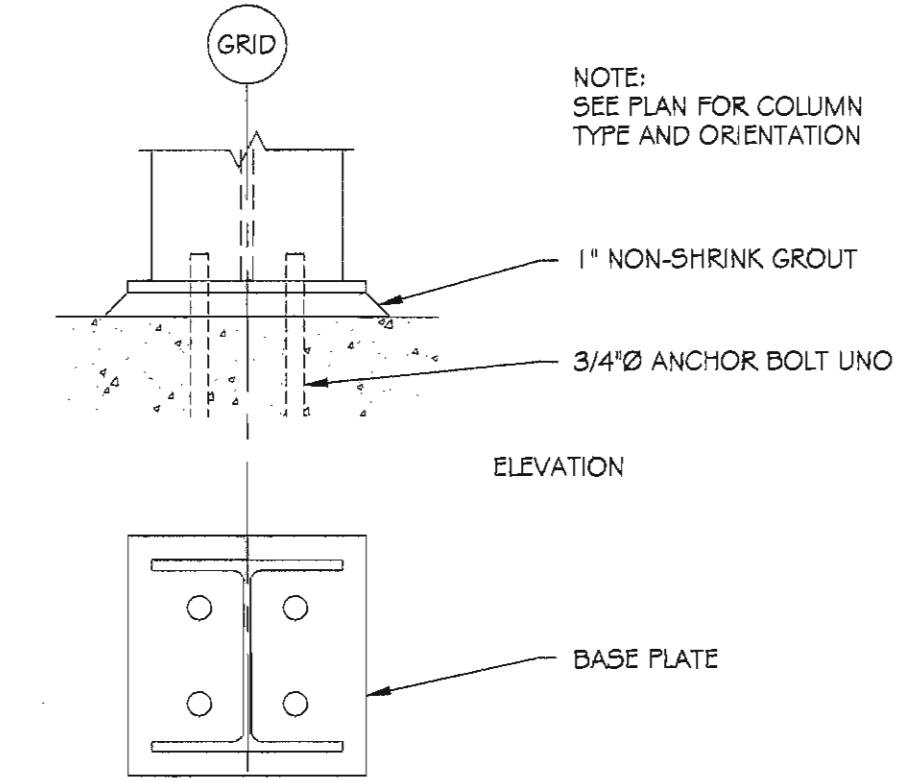
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A9.2

MEZZANINE FLOOR FRAMING PLAN

1/8" = 1'-0"

LINTEL SCHEDULE

- (A) (2) 1 3/4" x 9 1/4" MICROLLAM
- (B) (2) 2x8
- (C) FRAME WINDOW & DOOR OPENINGS
W/8" COLD FORM METAL CHANNEL
USE (2) 2x6 @ JAMBS, TYP.

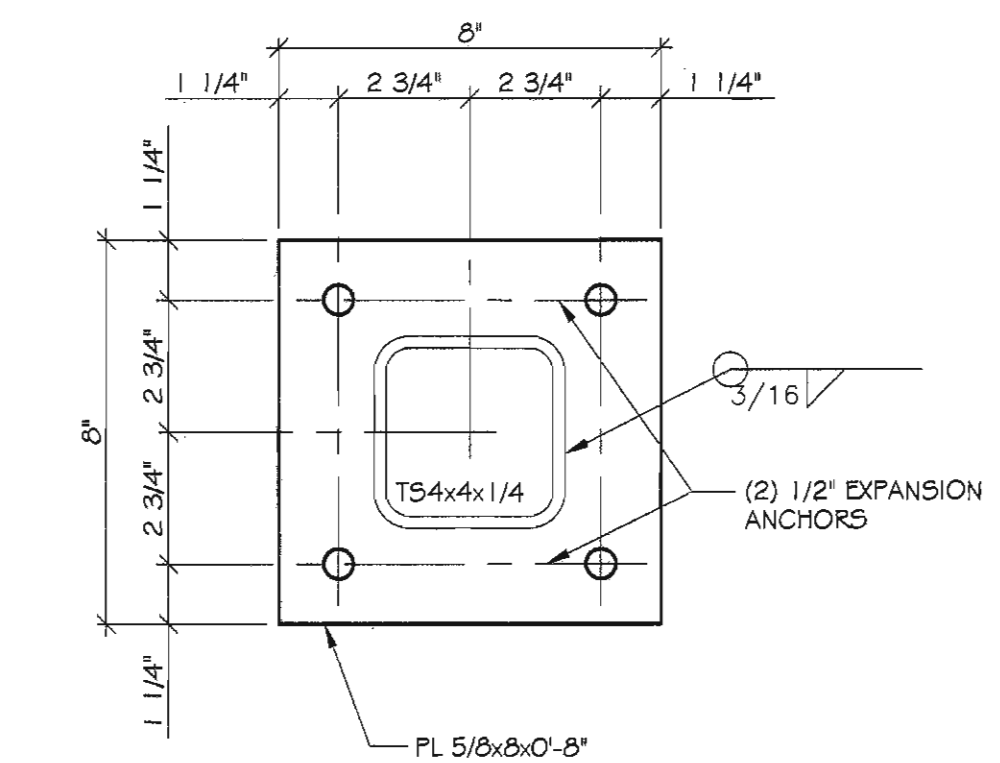


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A9.2

BASE PLATE GROUT

1 1/2" = 1'-0"

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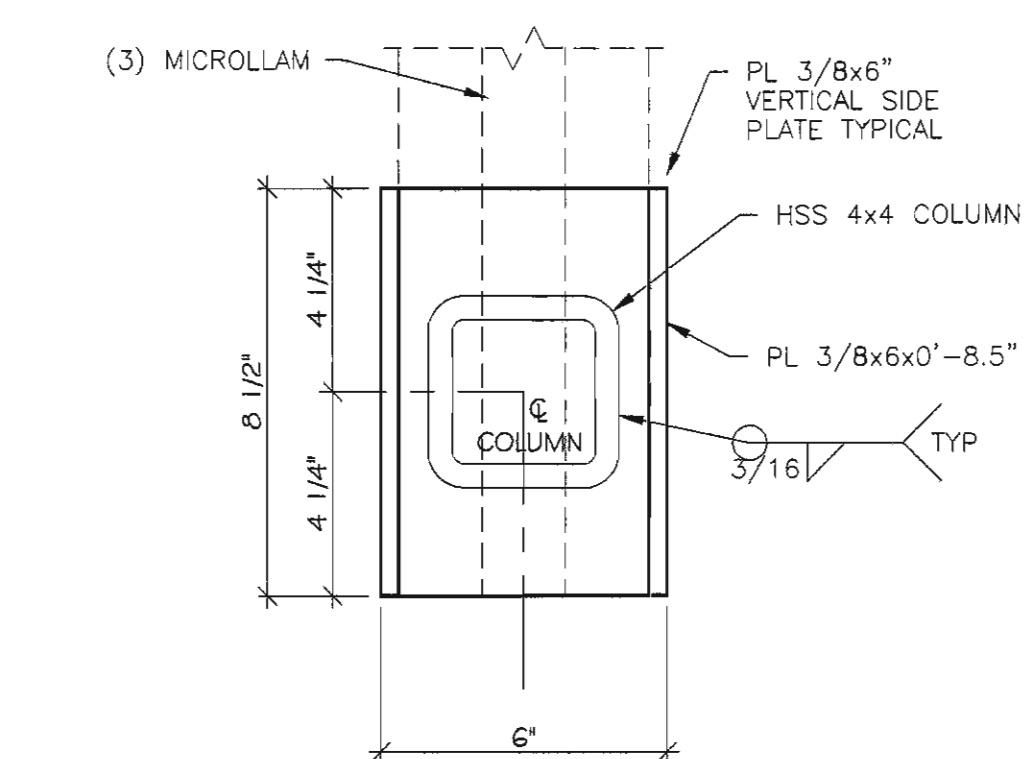


3
A9.2

TS4x4 COLUMN BASE PLATE

3" = 1'-0"

55220403



2
A9.2

4x4 COL CAP SADDLE

3" = 1'-0"

SADDLE



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