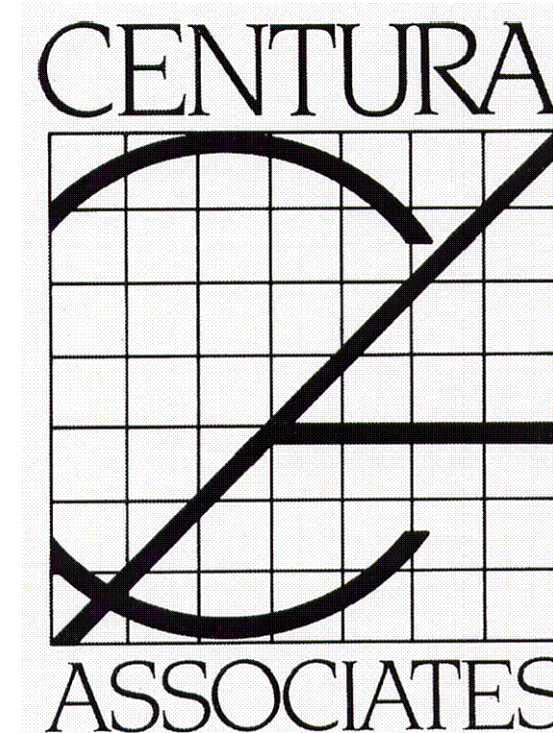


MULTI-PURPOSE ADDITION OTTERBEIN UNITED BRETHREN CHURCH 146 Leitersburg Street Greencastle, PA 17225

ABBREVIATIONS

A.T. ACOUSTICAL TILE	DR. DOOR/ DRAIN	IN. INCH	S. SOIL
ABV. ABOVE	D.W. DRYWALL	JT. JOINT	SQ. SQUARE
AFF. ABOVE FINISH FLOOR	DES. DESIGN/ DESIGNATION	JST. JOIST	T.F. TOP OF FOOTING
ALT. ALTERNATE	DN. DOWN	L.L. LIVE LOAD	T.M. TOP OF MASONRY
ADJ. ADJUSTABLE/ ADJACENT	DIM. DIMENSION	L.P. LOW POINT	T.C. TOP OF CONCRETE/ CURB
AL/ALUM. ALUMINIUM	DIA. DIAMETER	LAM. LAMINATED	T.S. TOP OF STEEL
BLK. BLOCK	D.H. DOUBLE- HUNG	L.W. LONG WAY	T.P. TOP OF PLATE
BLD'G. BUILDING	EA. EACH	L.L.V. LONG LEG VERTICAL	THL THICK
B.N. BILL NOSE	E.W. EACH WAY	MT'L METAL	TYP. TYPICAL
BM. BEAM	EL. ELEVATION	M.O. MASONRY OPENING	T TREAD
BR'K BRICK	E.C. ELECTRICAL CONTRACTOR	MIN. MINIMUM	THLD. THRESHOLD
BD./BRD. BOARD	E.O.P. EDGE OF PAVEMENT	MAX. MAXIMUM	T'STAT THERMOSTAT
B.C. BOTTOM CURB	EXP. EXPANSION	M.H. MAN HOLE	T&G TONGUE & GROOVE
B.W. BACK OF WALL	EWC. ELECTRIC WATER COOLER	MLD'G MOULDING	U/G UNDERGROUND
CAB. CABINET	FIN. FINISH	N.I.C. NOT IN CONTRACT	V.C.B. VINYL COVE BASE
C.B. CATCH BASIN	FL/FL'R FLOOR	O.C. ON CENTER	V.C.T. VINYL COMPOSITION TILE
CONC. CONCRETE	FD'N FOUNDATION	OP'NG OPENING	V.B. VAPOR BARRIER
CEM. CEMENT	F.E.C. FIRE EXTINGUISHER CABINET	O.D. OUTSIDE DIAMETER	V VENT
CLO. CLOSET	FT. FOOT	O.F. OUTSIDE FACE	VTR VENT THROUGH ROOF
C.O. CLEAN OUT	F.C. FINISH CONCRETE	P.C. PLUMBING CONTRACTOR	V.C.W.B. VINYL COVERED WALL BRD.
C.J. CONTROL JOINT	FFF FINISH FIRST FLOOR	PART'N PARTITION	WD. WOOD
COMP. COMPRESSOR	F.D. FLOOR DRAIN	PNL PANEL	WHM. WELDED WIRE MESH
CMU CONC. MASONRY UNIT	F.R. FIRE RETARDANT	PLAS. PLASTER	W WITH
COND. CONDUIT	G. GAUGE	PT'D PAINTED	W.H. WATER HEATER
CL'G CEILING	G.C. GENERAL CONTRACTOR	P PLATE	W.C. WAINSCOT
CL CENTERLINE	GR'D GRADE	PVC POLY VINYL CHLORIDE	W.C. WATER CLOSET
CONT. CONTINUOUS	GYP. GYPSUM	PREFIN. PREFINISHED	W WASTE
C.W.P. COLD WATER PIPING	GAL. GALVANIZED	R. RADIUS/ RISER	W.I. WROUGHT IRON
CL. CLEAR	GL. GLASS/ GLAZING	R.D. ROOF DRAIN	Y.P. YELLOW PINE
CARP. CARPET	HP. HIGH POINT	RD. ROUND	YD. YARD
C.I. CAST IRON	HT'G HEATING	REIN' REQUIRED	
CJ COPPER	H.C. HEATING CONTRACTOR	REIN. REINFORCED	
C.W. COLD WATER	HG'T HEIGHT	RET. RETURN/ RETAINING	
C.M.P. CORRUGATED METAL PIPE	I.P. IRON PIPE	R.C. REINFORCED CONCRETE	
D.L. DEAD LOAD		RWC RAINWATER CONDUCTOR	
DWG DRAWING		RM ROOM	
DET DETAIL		S.S. SOIL STACK	



ARCHITECT:

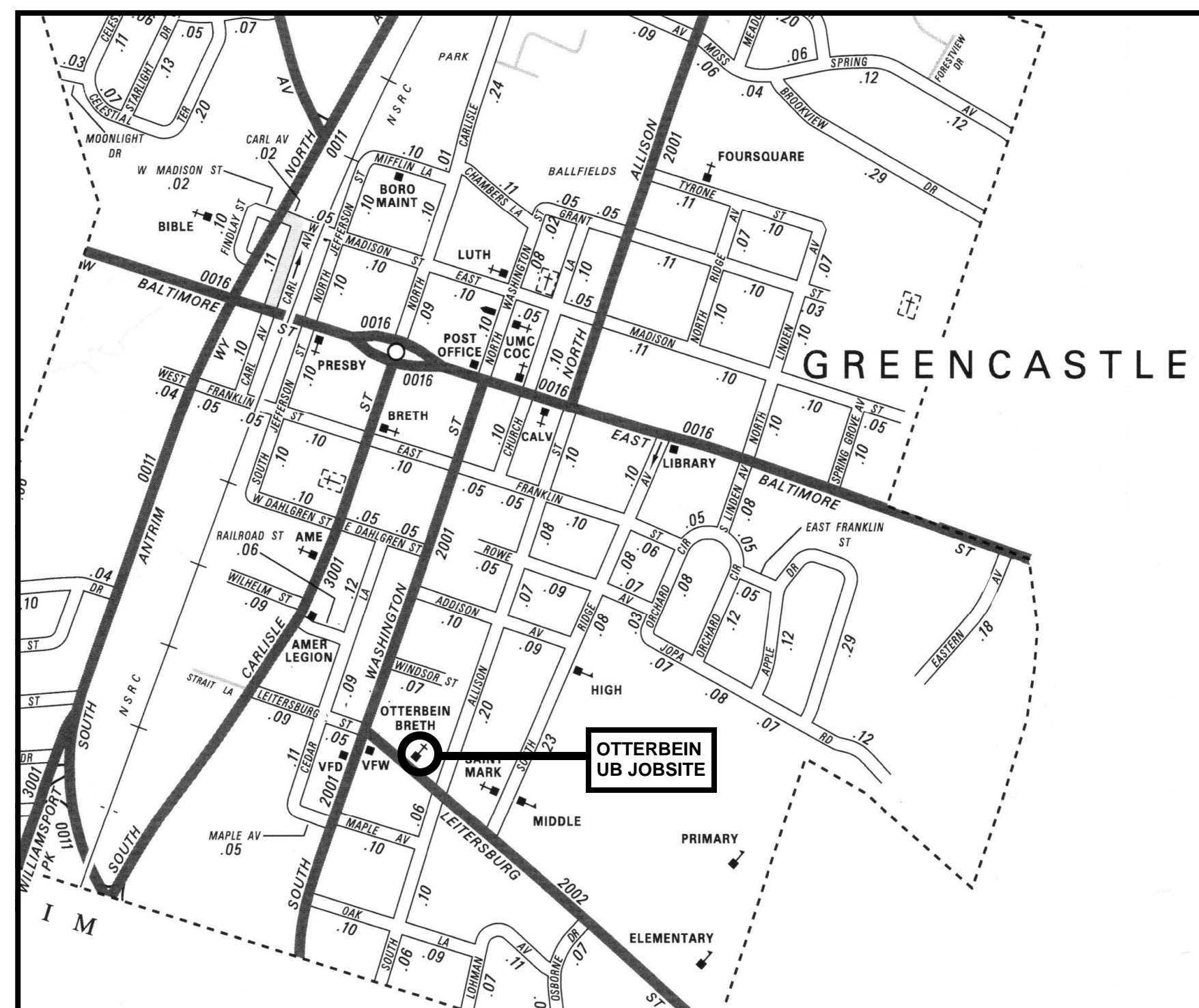
CENTURA ASSOCIATES, INC.

1946 Philadelphia Avenue

Chambersburg, PA

717-264-6107

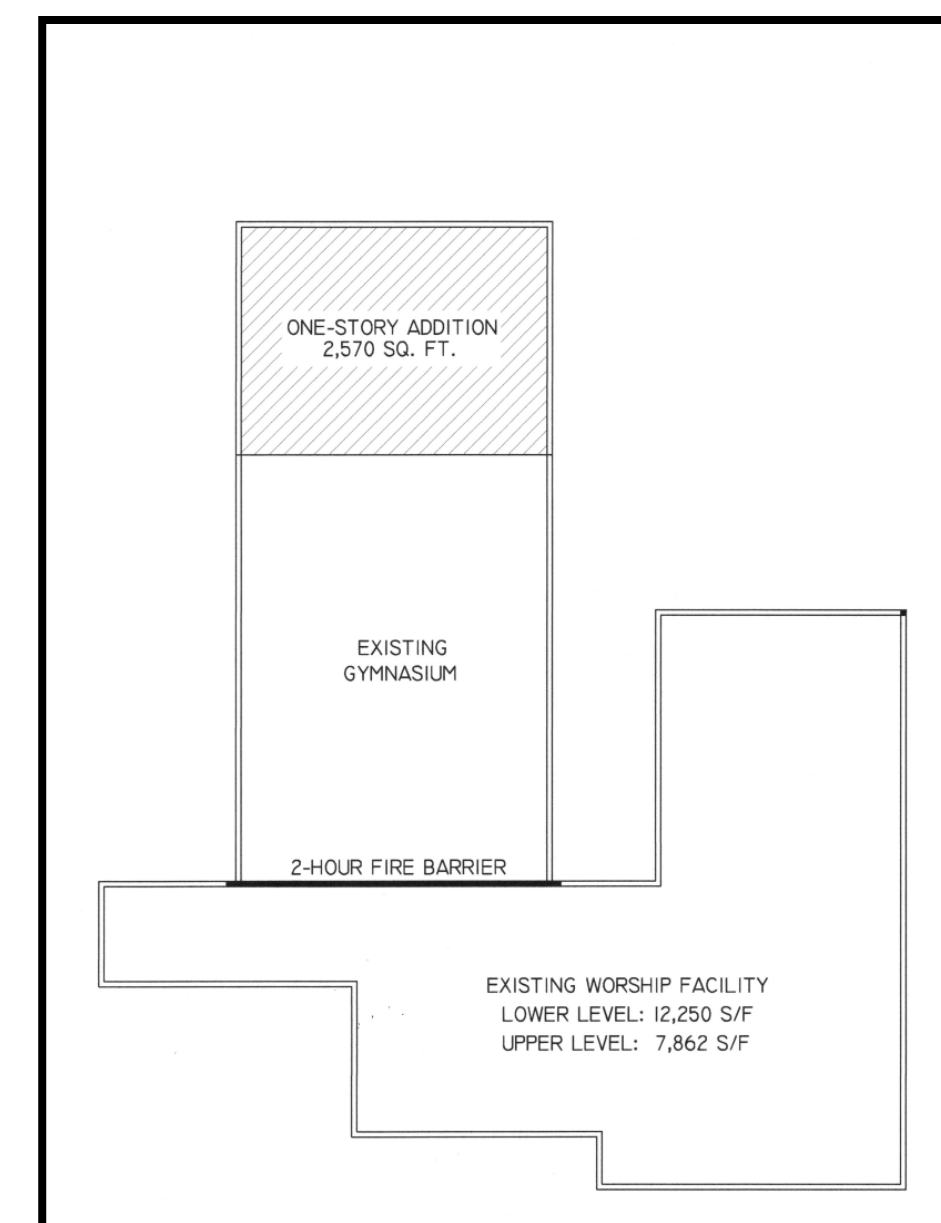
rfogal@centuraassociates.org



LOCATION MAP

DRAWING INDEX

- A-1 FOUNDATION PLAN
- A-2 FLOOR PLAN
- A-3 EQUIPMENT LOFT & DEMO PLAN
- A-4 ELEVATIONS
- A-5 PRE-ENGINEERED METAL BUILDING
- A-6 ROOF PLAN
- A-7 BUILDING SECTIONS
- A-8 BUILDING SECTIONS
- A-9 SCHEDULES & DETAILS
- P-1 PLUMBING PLAN
- HVAC-1 HVAC PLAN
- E-1 LIGHTING PLAN
- E-2 ELECTRIC PLAN



KEY PLAN

BUILDING CODE ANALYSIS

APPLICABLE CODES:

2015 IBC, 2018 IBC, Chapter 11, NEC 2014, ANSI 117.1, 2009

EXISTING SPACE:

- 20,112 s/f two-story Worship Facility, Occupancy Group "A-3" and Construction Type 3-B, non-sprinklered.
- 4,840 s/f single-story Gymnasium Wing, Occupancy Group "A-3" and Construction Type 2-B, Separated by existing 2 Hr. Fire Separation Wall (See Key Plan)

PROPOSED ADDITION:

- 2,570 s/f single story addition to existing Gymnasium.
- 2-hour Fire Wall between existing 2-story facility and existing gymnasium.

OCCUPANCY CLASS : A-3 CONSTRUCTION TYPE: 2-B

	ALLOWABLE:	ACTUAL:	
HEIGHT IN FEET:	55	32	(Table 504.3)
NUMBER OF STORIES:	2	1	(Table 504.4)
BUILDING AREA	9,500	7,410	(Table 506.2)

MAX. NUMBER OF OCCUPANTS: 292

EXIT REQUIREMENTS: @ .15"/PERSON:

OCCUPANTS	REQUIRED	PROVIDED
292	44"	180"

EMERGENCY LIGHTING: PROVIDED AS REQUIRED
MANUAL FIRE EXTINGUISHERS: PROVIDED AS REQUIRED

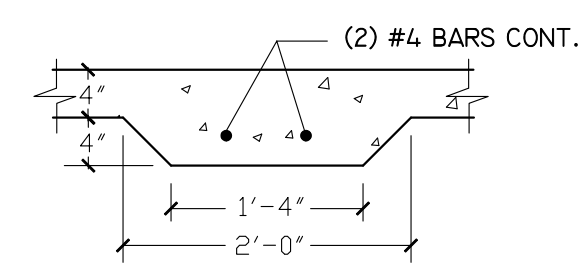
FLOOR LIVE LOAD: Slab-On-Grade

GROUND SNOW LOAD:	30psf	WIND LOAD:	Basic Speed:115mph
Exp. Factor:	1.00	Bldg. Category:	III
Imp. Factor :	1.25	Imp. Factor:	1.5
Therm. Factor:	1.00	Exposure:	B

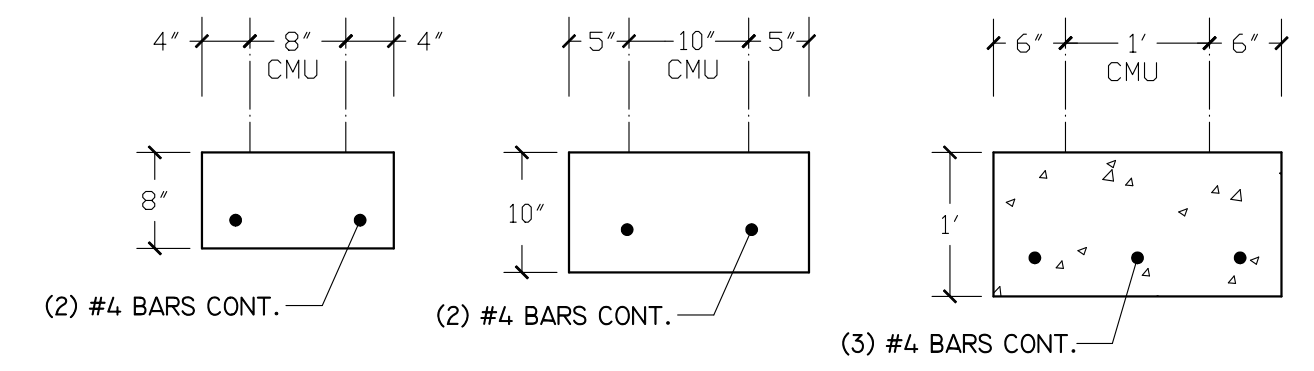
FINISH MATERIALS:

ACOUSTIC TILE:	(ALL) U/L CLASS "A" (LESS THAN 25)
GYPSUM WALL BD.	ASTM.E84
VINYL FLOORING:	ASTM.E84 (LESS THAN 75)
CARPET:	ASTM.662 (LESS THAN 450)

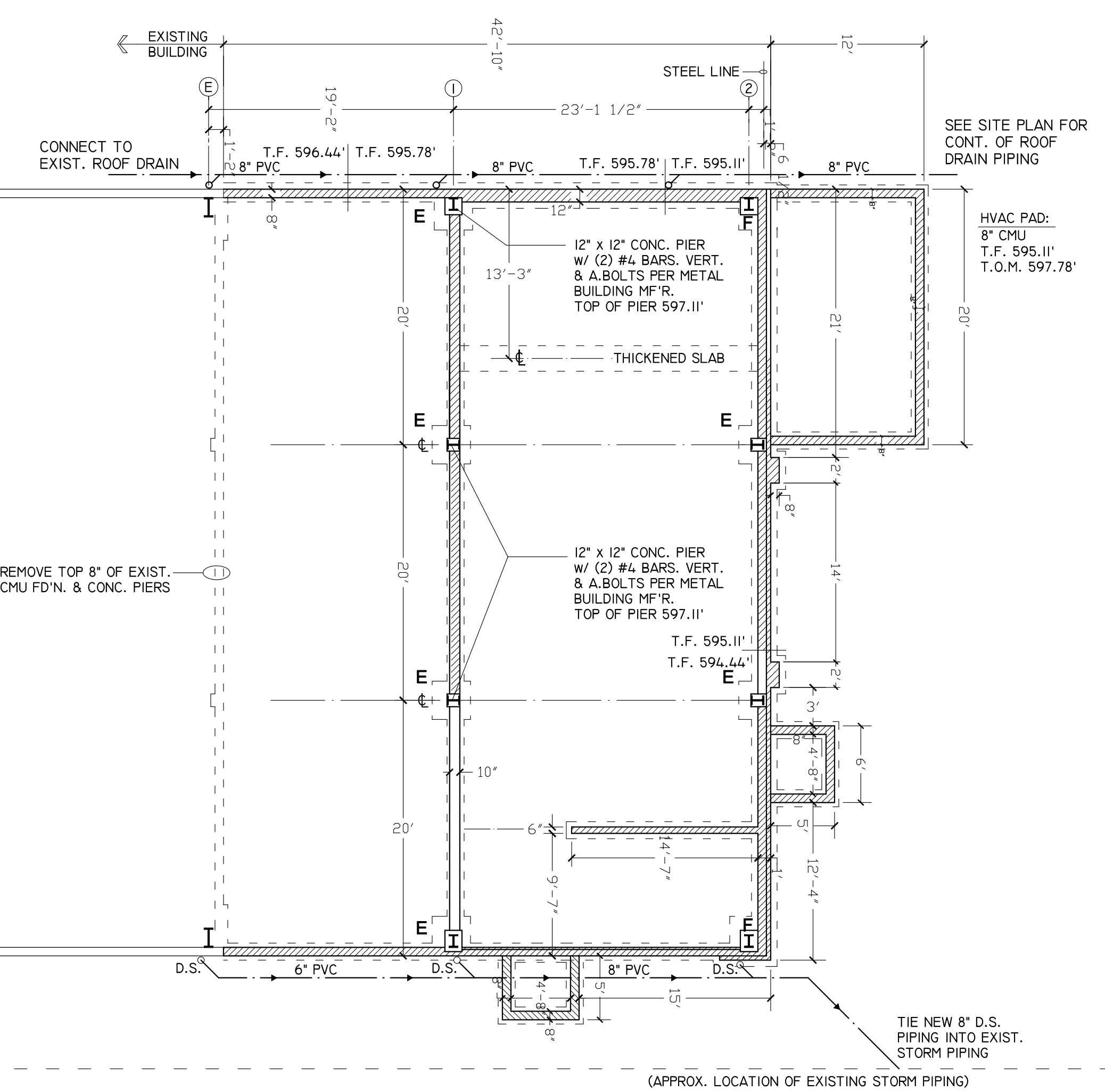
SEE DWG. A-14 FOR WORK REQUIRED ALONG WEST WALL OF EXIST. GYMNASIUM.



TYP. THICKENED SLAB
3/4" = 1'-0"



TYPICAL CONCRETE FOOTINGS
3/4" = 1'-0"
PROVIDE BAR CHAIRS AS REQUIRED



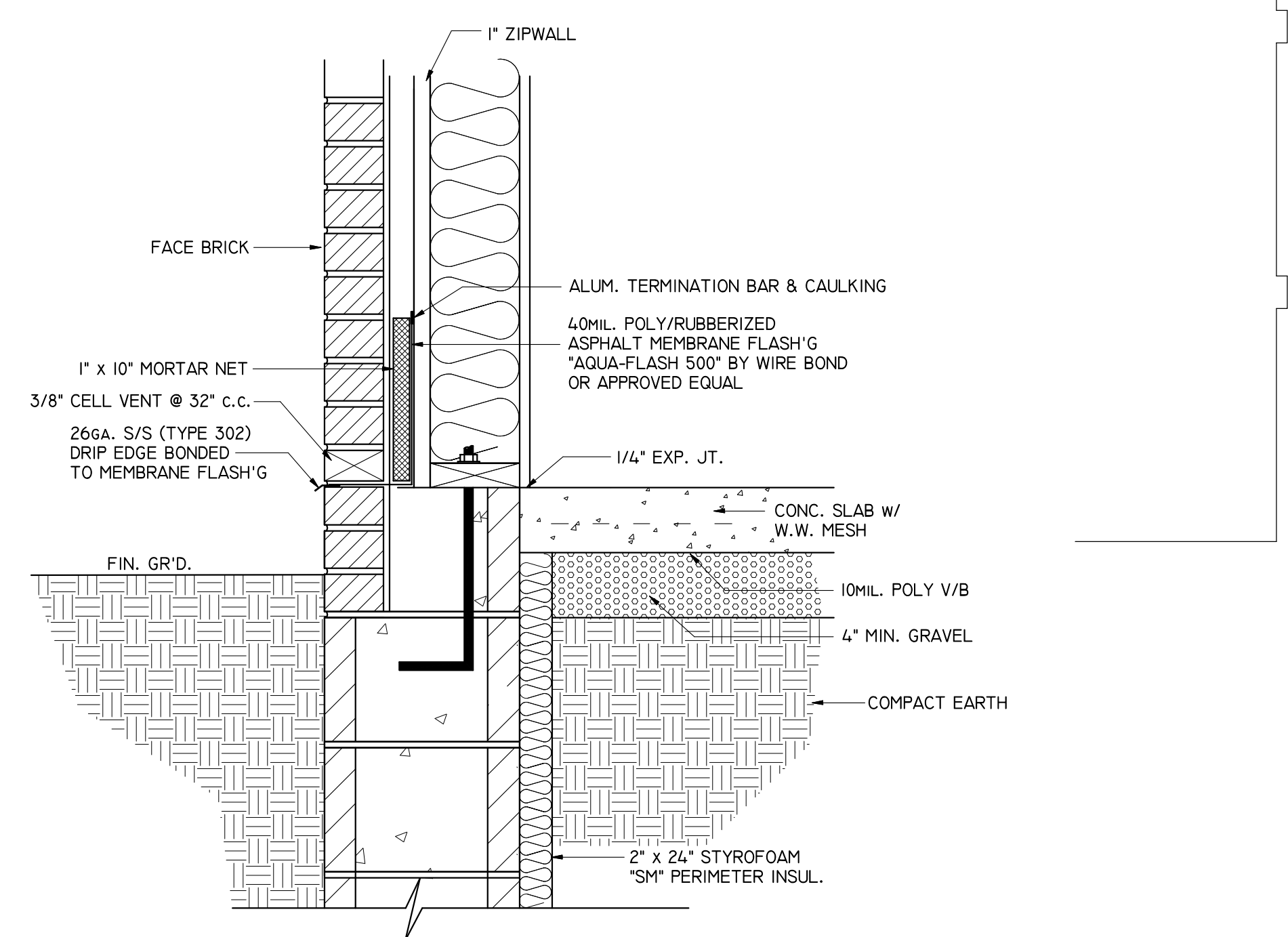
FOUNDATION PLAN
1/8" = 1'-0"

WRITTEN DIMENSIONS SHALL HAVE PRIORITY OVER SCALED DIMENSIONS. ALL DIMENSIONS, ELEVATIONS, LOCATIONS, AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND THE OWNER AND CENTURA ASSOCIATES INC. SHALL BE NOTIFIED OF ANY DISCREPANCIES WITH THE INFORMATION SHOWN ON THE DRAWINGS. ONLY THOSE PLANS INCORPORATING THE RAISED OR INK PROFESSIONAL SEAL SHALL BE CONSIDERED OFFICIAL AND RELIED UPON. ALL IDEAS, DESIGNS, AND ARRANGEMENTS PRESENTED HEREON WERE DEVELOPED FOR USE ON, AND IN CONNECTION WITH, THE SPECIFIED PROJECT BEING PREPARED FOR THE OWNER. THESE PLANS MAY NOT BE REPRODUCED OR SHARED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CENTURA ASSOCIATES, INC. INFORMATION SHOWN ON THIS PLAN REPRESENTS PROFESSIONAL SERVICES EXPRESSING IDEAS AND DESIGNS DEVELOPED, OWNED, AND COPYRIGHTED BY CENTURA ASSOCIATES, INC. REPRODUCTION OF THE PLAN WITHOUT WRITTEN APPROVAL OF CENTURA ASSOCIATES, INC. IS NOT PERMITTED. UNAUTHORIZED REPRODUCTION OF A COPY OF THIS PLAN FOR ANY PURPOSE WILL BE CONSIDERED A VIOLATION OF THE COPYRIGHT LAWS AND A THEFT OF CORPORATE ASSETS. UNAUTHORIZED ALTERATIONS OF THE PLANS WILL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL CODE OF ETHICS.

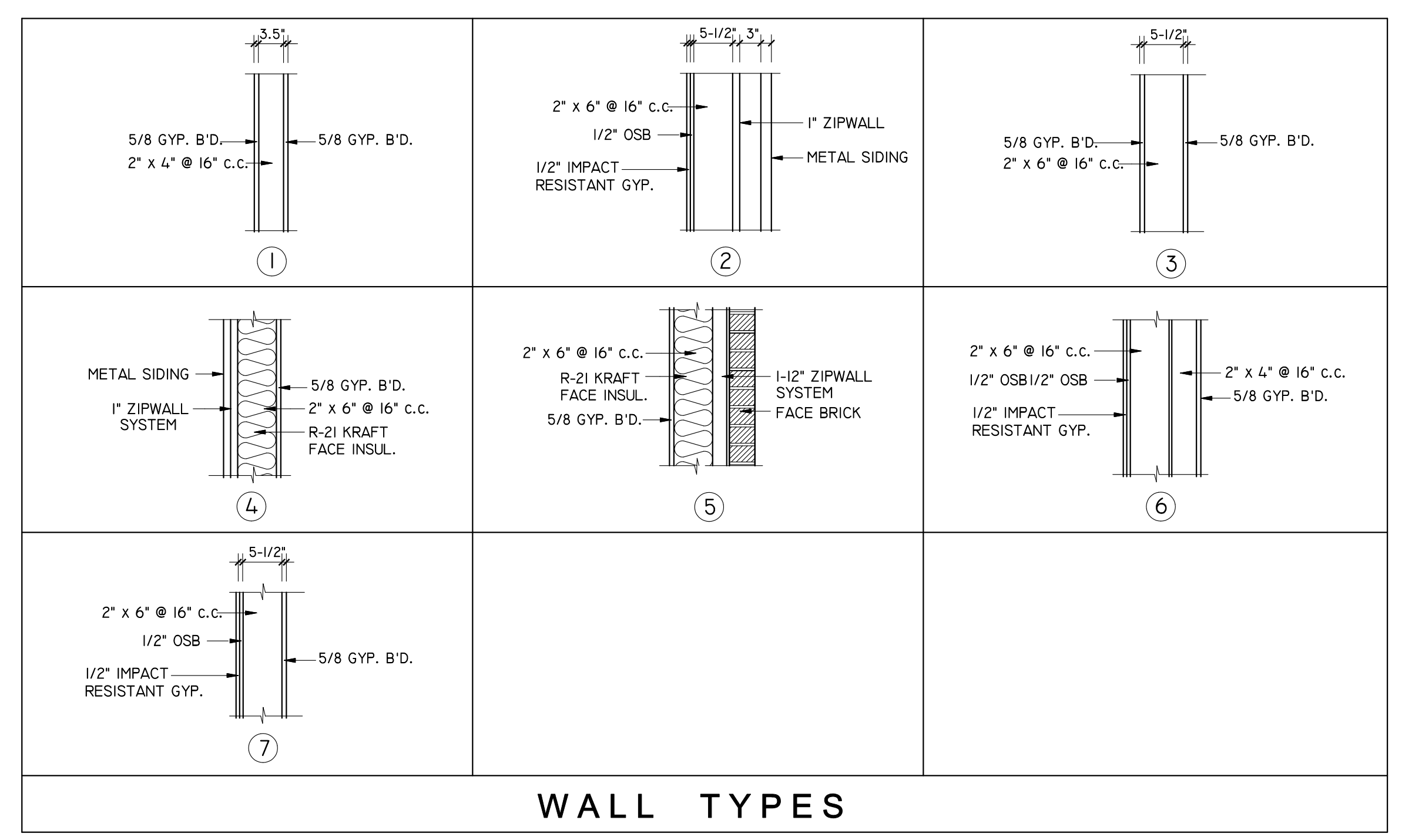
- FOUNDATION NOTES:**
1. ALL FOOTINGS SHALL BEAR ON ORIGINAL, UNDISTURBED EARTH AFTER REMOVAL OF TOPSOIL.
 2. ANY & ALL FILL UNDER SLABS ON GRADE SHALL BE COMPACTED TO 95% PROCTOR AS DETERMINED BY TESTING. SEE SPECIFICATIONS SECTION 0220, PARA II.13, STRUCTURAL FILL.
 3. ANY FOOTING STEP LOCATIONS ARE SHOWN AS APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD TO MAINTAIN FOOTING BOTTOMS ON ORIGINAL UNDISTURBED EARTH 42" MIN. BELOW FINISHED GRADE.

CONC. FOOTING SCHEDULE

- E** 3'-0" x 3'-0" x 10" CONC. FT'G w/ (4) #4 BARS @ 10" c.c. E.W. (ACTUAL FT'G. SIZE TO BE ADJUSTED IF NECESSARY TO ALIGN WITH PRE-ENGINEERED METAL BUILDING LOAD REQUIREMENTS) T.F. 596.44
- F** 2'-0" x 2'-0" x 10" CONC. FT'G. w/ (3) #4 BARS @ 9" c.c. E.W. (ACTUAL FT'G. SIZE TO BE ADJUSTED IF NECESSARY TO ALIGN WITH PRE-ENGINEERED METAL BUILDING LOAD REQUIREMENTS) T.F. 595.78



TYP. BRICK SILL FLASHING DETAIL
1-1/2" = 1'-0"

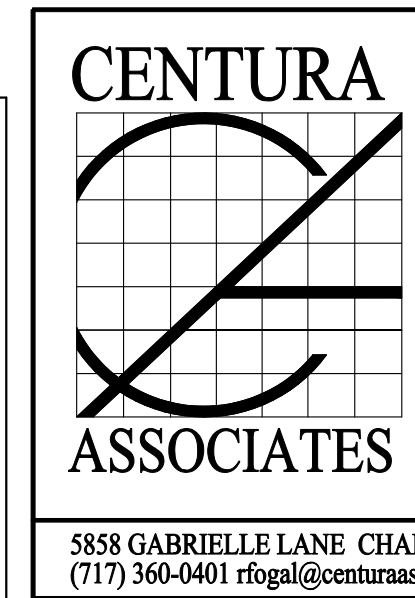


WALL TYPES

NOTICE TO ALL CONTRACTORS
THE OWNER WILL CONTINUE OCCUPYING THE EXISTING BUILDING DURING THE WORK ON THIS CONTRACT; THEREFORE IT IS IMPERATIVE THAT EVERY CONTRACTOR AND SUBCONTRACTOR COORDINATE WITH THE OWNER'S SCHEDULE, EXPEDITING YOUR PROGRESS WITH THE MINIMAL POSSIBLE IMPACT ON, OR INTERRUPTION OF, THE OWNER'S USE OF THE EXISTING FACILITY. EACH CONTRACTOR SHALL ERECT AND MAINTAIN SUCH BARRICADES AS REQUIRED TO PROTECT THE PUBLIC AND EMPLOYEES FROM ANY HAZARDS RESULTING FROM THE CONDUCT OF YOUR WORK. THE GENERAL CONTRACTOR SHALL ERECT AND MAINTAIN SUCH TEMPORARY PARTITIONS AND/OR STRUCTURES AS REQUIRED TO CONTROL DUST, PROTECT THE PUBLIC, AND MAINTAIN EGRESS, SECURITY, AND WEATHER-TIGHTNESS.

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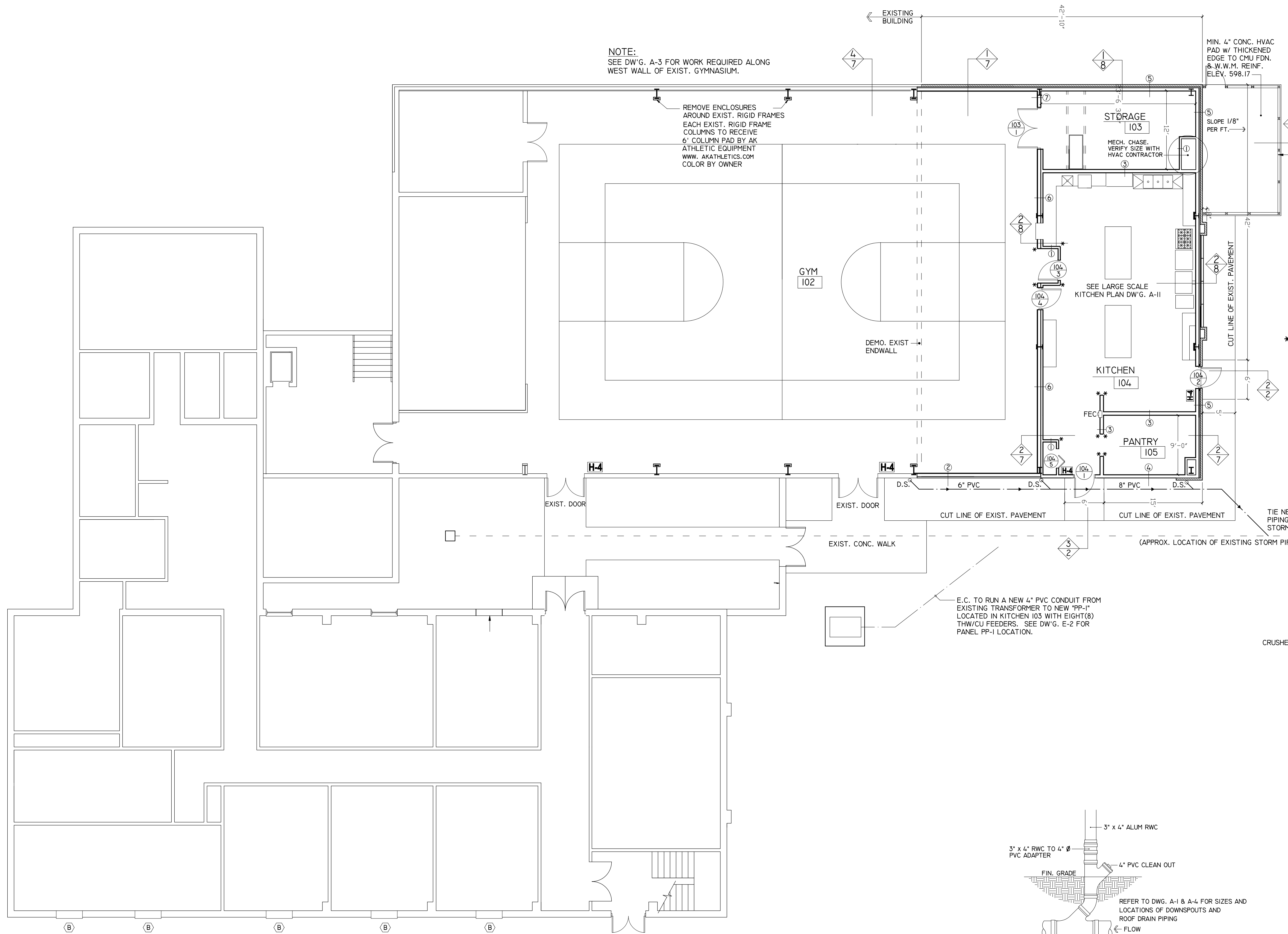


DAVID M. MOLINO
REGISTERED ARCHITECT

PROPOSED ADDITION
OTTERBEIN UNITED BRETHREN CHURCH
146 LEITERSBURG STREET
GREENCASTLE, PA 17225
FOUNDATION PLAN

PROJECT 1802-335
APPROVED
DRAWN BY
DATE
A-1

5858 GABRIELLE LANE CHAMBERSBURG, PA 17202
(717) 360-0401 rfgal@centuraassociates.org



NOTE:
SEE DW'G. A-3 FOR WORK REQUIRED ALONG WEST WALL OF EXIST. GYMNASIUM.

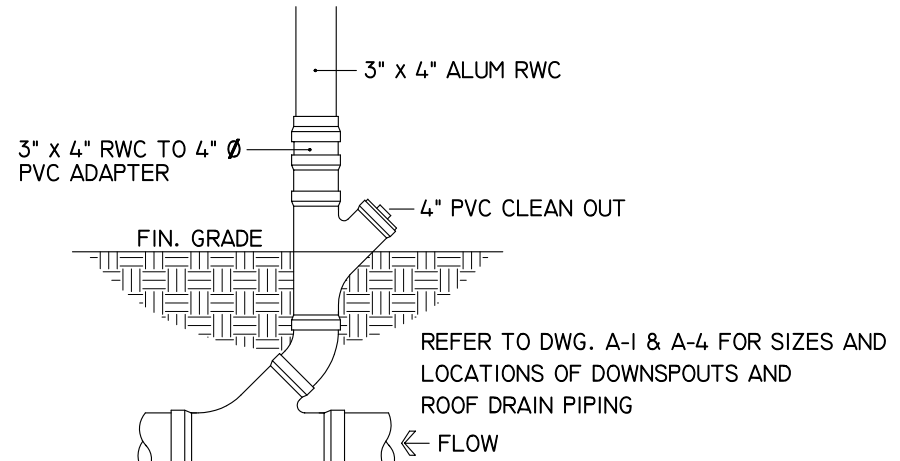
REMOVE ENCLOSURES AROUND EXIST. RIGID FRAMES EACH EXIST. RIGID FRAME COLUMN PAD BY AK ATHLETIC EQUIPMENT WWW.AKATHLETICS.COM COLOR BY OWNER

MIN. 4" CONC. HVAC PAD W/ THICKENED EDGE TO CMU FDN. & W.W.M. REINF. ELEV. 598.17

PRIVACY FENCE TO BE 6' HIGH HEAVY DUTY TEXAS PRIVACY FENCE BY VINYL FENCE WHOLESALER, WWW.VINYLFENCEANDDECK.COM COLOR TO BE SELECTED BY OWNER. PROVIDE 5" SQUARE POSTS WITH OUTSIDE PYRAMID CAPS. PROVIDE 3'-0" WIDE HEAVY DUTY VINYL GATE WITH STAINLESS STEEL HARDWARE, POWDER COATED BLACK, WITH A LIFETIME WARRANTY. COMPONENTS TO INCLUDE LOCK LATCH SERIES 2, MULTI ADJUST HINGE SET, GATE HANDLE & GATE STOP.

* STAINLESS STEEL BULLNOSE CORNER GUARD 2.5" x 2.5" x 72", 90 DEGREE, 16GA. TYPE 304, SATIN #4 (BRUSHED) FINISH, ROUNDED CORNERS W/ SELF-STICK TAPE (THECORNERGUARDSTORE.COM)

E.C. TO RUN A NEW 4" PVC CONDUIT FROM EXISTING TRANSFORMER TO NEW "PP-1" LOCATED IN KITCHEN 103 WITH EIGHT(8) THW/CU FEEDERS. SEE DW'G. E-2 FOR PANEL PP-1 LOCATION.



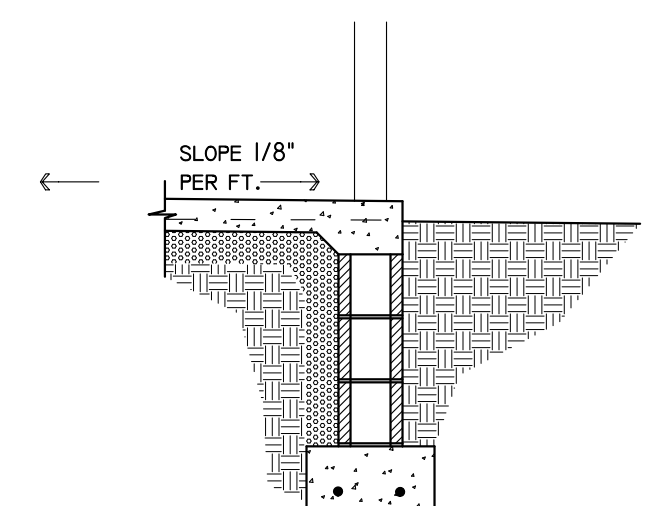
TYPICAL RWC BOOT DETAIL
NOT TO SCALE

NOTES:

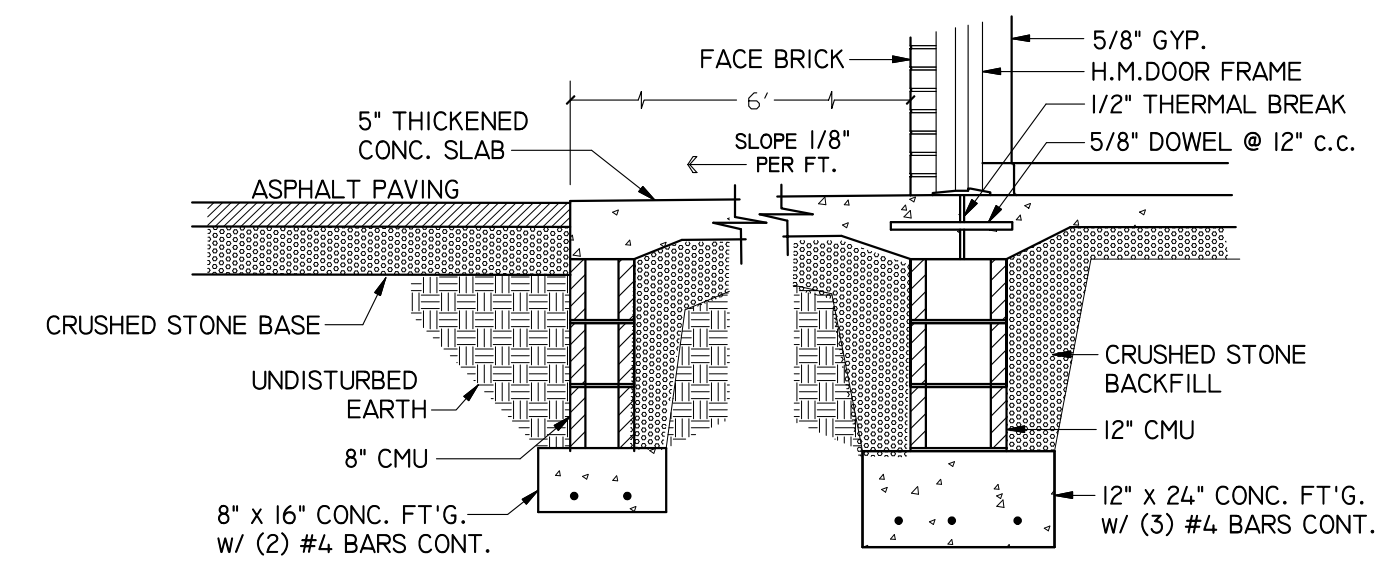
ALL EXISTING AREAS DISTURBED BY THE NEW WORK SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES. PAINTING OF PATCHED SURFACES SHALL EXTEND TO NEAREST WALL, FLOOR, AND CEILING SURFACES.

THE OWNER WILL CONTINUE TO OCCUPY THE EXISTING BUILDING DURING THE WORK OF THIS CONTRACT, THEREFORE IT IS IMPERATIVE THAT EACH CONTRACTOR COORDINATE THEIR WORK WITH THE OWNER'S SCHEDULE IN ORDER TO EXPEDITE PROGRESS WITH THE MINIMUM POSSIBLE IMPACT ON, OR INTERRUPTION OF, THE OWNER'S USE OF THE EXISTING FACILITIES. EACH CONTRACTOR SHALL ERRECT AND MAINTAIN SUCH BARRICADES AS REQUIRED TO PROTECT THE PUBLIC FROM ANY HAZARDS RESULTING FROM THEIR WORK. THE GENERAL CONTRACTOR SHALL ERRECT AND MAINTAIN SUCH TEMPORARY PARTITIONS AND/OR STRUCTURES AS REQUIRED TO CONTROL DUST, PROTECT THE PUBLIC, AND TO MAINTAIN EGRESS, SECURITY, AND WEATHER TIGHTNESS.

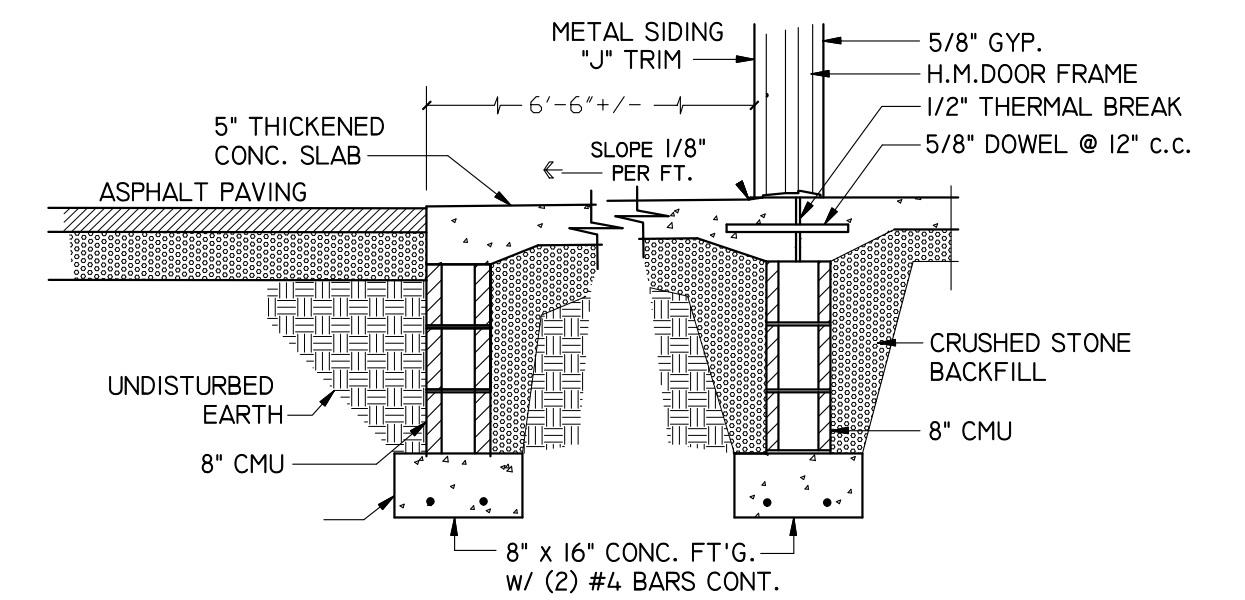
FIRE EXTINGUISHER NOTE:
FEC DENOTES FIRE EXTINGUISHER AND CABINET. ALL FIRE EXTINGUISHERS SHALL BE J. L. INDUSTRIES COSMIC MODEL 10E, CHEMICAL TYPE, 10# CAPACITY WITH U.L. RATING 4A-60BC OR EQUAL AS APPROVED BY THE ARCHITECT. FIRE EXTINGUISHERS SHALL BE INSTALLED IN SEMI-RECESSED CABINETS MODEL NUMBER 1525F25. MOUNTING HEIGHT TO TOP OF CABINET SHALL BE 4'-0" ABOVE FINISHED FLOOR.



SECTION 1
1/2" = 1'-0"



SECTION 2
1/2" = 1'-0"



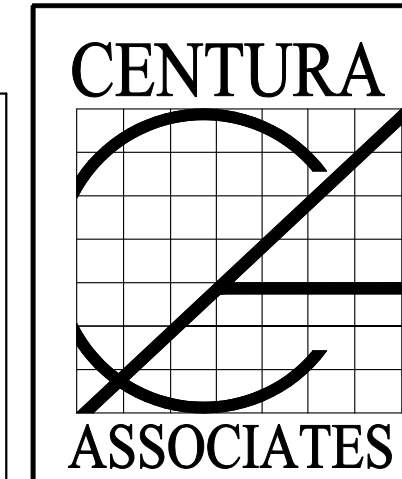
SECTION 3
1/2" = 1'-0"

FIRST FLOOR PLAN

1/8" = 1'-0"

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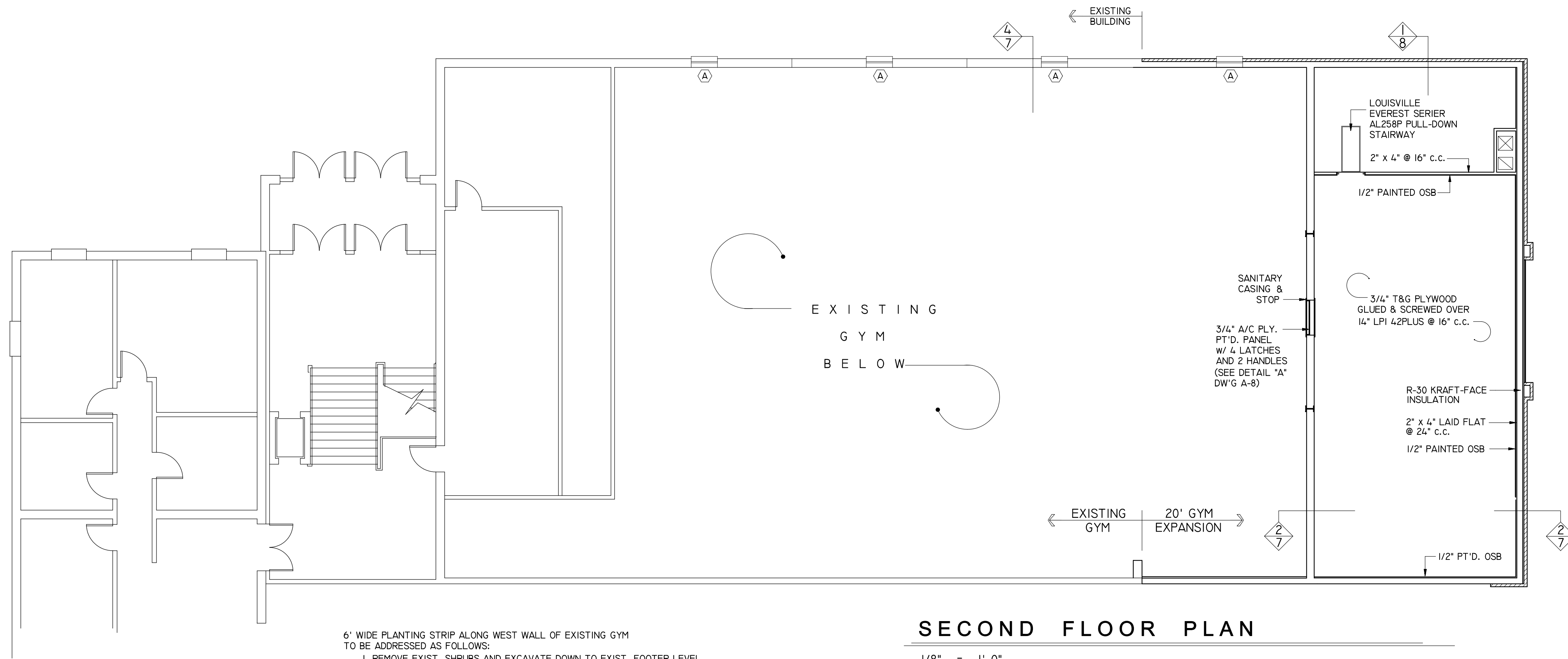
DAVID M. MOLINO
REGISTERED ARCHITECT

PROPOSED ADDITION
OTTERBEIN UNITED BRETHREN CHURCH
146 LEITERSBURG STREET
GREENCASTLE, PA 17225

FLOOR PLAN

PROJECT 1802-335
APPROVED
DRAWN BY
DATE

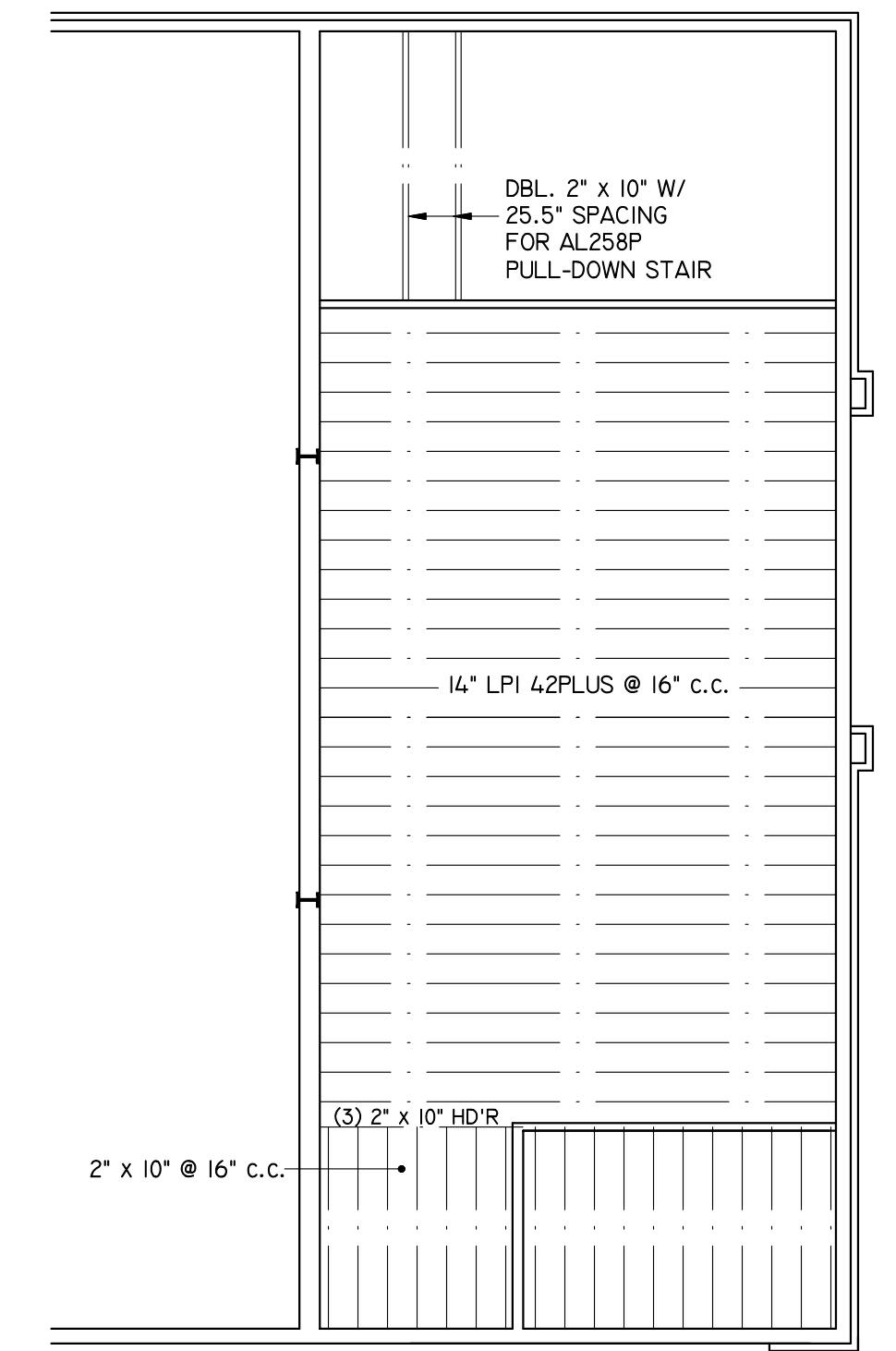
A-2



SECOND FLOOR PLAN

1/8" = 1'-0"

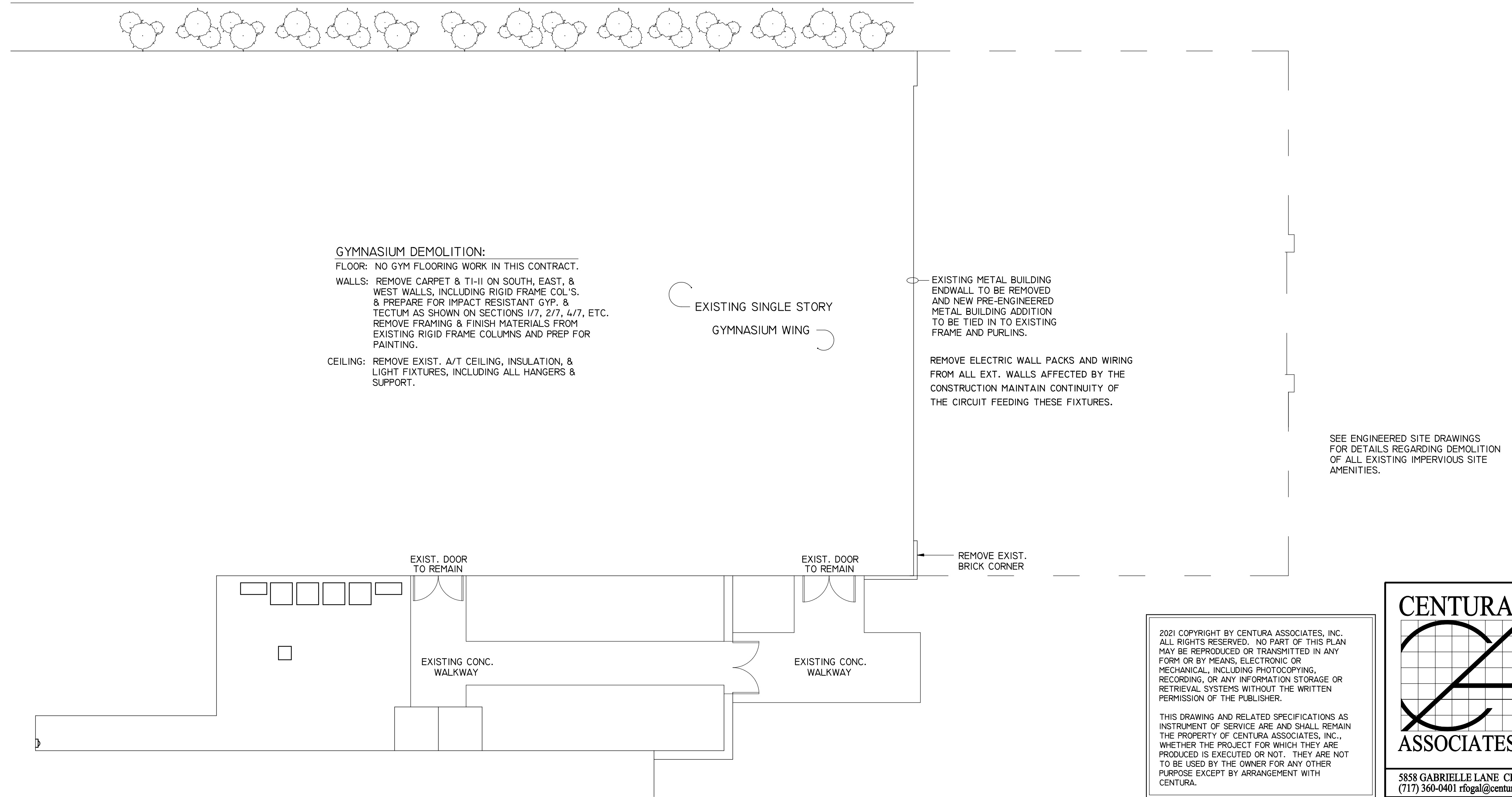
- 6" WIDE PLANTING STRIP ALONG WEST WALL OF EXISTING GYM TO BE ADDRESSED AS FOLLOWS:
1. REMOVE EXIST. SHRUBS AND EXCAVATE DOWN TO EXIST. FOOTER LEVEL
 2. CLEAN EXIST. WALL BELOW GRADE AND APPLY ARCHITECT-APPROVED MEMBRANE WATERPROOFING FROM FINISH GRADE TO FOOTER LEVEL.
 3. REPLACE EXIST. UNDERGROUND DOWNSPOUT PIPING WITH NEW PVC STORM DRAIN AND CONNECT TO UNDERGROUND STORM PIPING AT NEW ADDITION
 4. BACKFILL AND REPLACE TOPSOIL THROUGHOUT PLANTING STRIP
 5. INSTALL NATURAL GAS LINE EXTENSION FROM EXIST. REGULATOR TO NEW GAS FIRED PACKAGE HEAT UNIT AND KITCHEN EQUIPMENT.



FLOOR FRAMING PLAN

1/8" = 1'-0"

- ENGINEERED FLOOR JOISTS NOTES:**
1. THE HANDLING AND INSTALLATION OF THE ENTIRE ENGINEERED FLOOR JOIST SYSTEM SHALL BE IN STRICT ACCORDANCE WITH THE INSTRUCTIONS AND RECOMMENDATIONS OF THE JOIST MANUFACTURER REGARDING THE STORAGE, HANDLING, ATTACHMENT, BRACING, AND BEARING REQUIREMENTS.
 2. THE INSTALLATION OF SQUASH BLOCKS AND WEB STIFFENERS AS REQUIRED SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS REGARDING PROPER NAILING, GAPS, LOCATIONS AND SPACING.
 3. ANY SQUARE, RECTANGULAR, OR ROUND HOLES IN JOIST WEBS DETERMINED TO BE ABSOLUTELY NECESSARY SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RESTRICTIONS FOR THE SIZE AND PLACEMENT OF ALL PENETRATIONS.
 4. THE ENGINEERED FLOOR JOIST SUBMITTALS PRESENTED TO THE ARCHITECT FOR APPROVAL SHALL INCLUDE ALL INSTRUCTIONS AND DETAILS REGARDING THE STORAGE, HANDLING, AND INSTALLATION OF THE FLOOR JOISTS, RIM BOARDS, SQUASH BLOCKS, WEB STIFFENERS, AND PENETRATIONS.



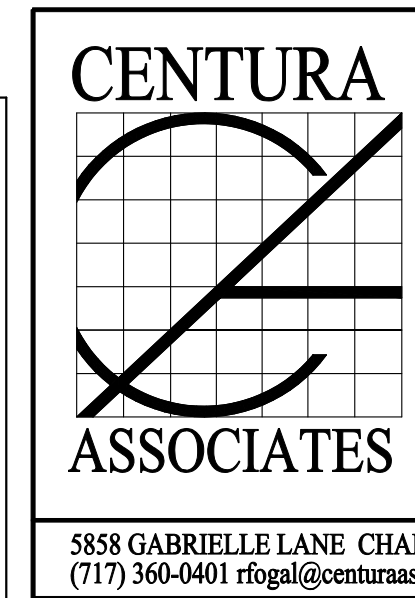
- GYMNASIUM DEMOLITION:**
- FLOOR: NO GYM FLOORING WORK IN THIS CONTRACT.
- WALLS: REMOVE CARPET & T&I ON SOUTH, EAST, & WEST WALLS, INCLUDING RIGID FRAME COL'S. & PREPARE FOR IMPACT RESISTANT GYP. & TECTUM AS SHOWN ON SECTIONS 1/7, 2/7, 4/7, ETC. REMOVE FRAMING & FINISH MATERIALS FROM EXISTING RIGID FRAME COLUMNS AND PREP FOR PAINTING.
- CEILING: REMOVE EXIST. A/T CEILING, INSULATION, & LIGHT FIXTURES, INCLUDING ALL HANGERS & SUPPORT.

- EXISTING METAL BUILDING ENDWALL TO BE REMOVED AND NEW PRE-ENGINEERED METAL BUILDING ADDITION TO BE TIED IN TO EXISTING FRAME AND PURLINS.
- REMOVE ELECTRIC WALL PACKS AND WIRING FROM ALL EXT. WALLS AFFECTED BY THE CONSTRUCTION MAINTAIN CONTINUITY OF THE CIRCUIT FEEDING THESE FIXTURES.

SEE ENGINEERED SITE DRAWINGS FOR DETAILS REGARDING DEMOLITION OF ALL EXISTING IMPERVIOUS SITE AMENITIES.

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PROPOSED ADDITION

OTTERBEIN UNITED BRETHREN CHURCH

146 LEITERSBURG STREET
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EQUIPMENT LOFT & DEMO PLAN

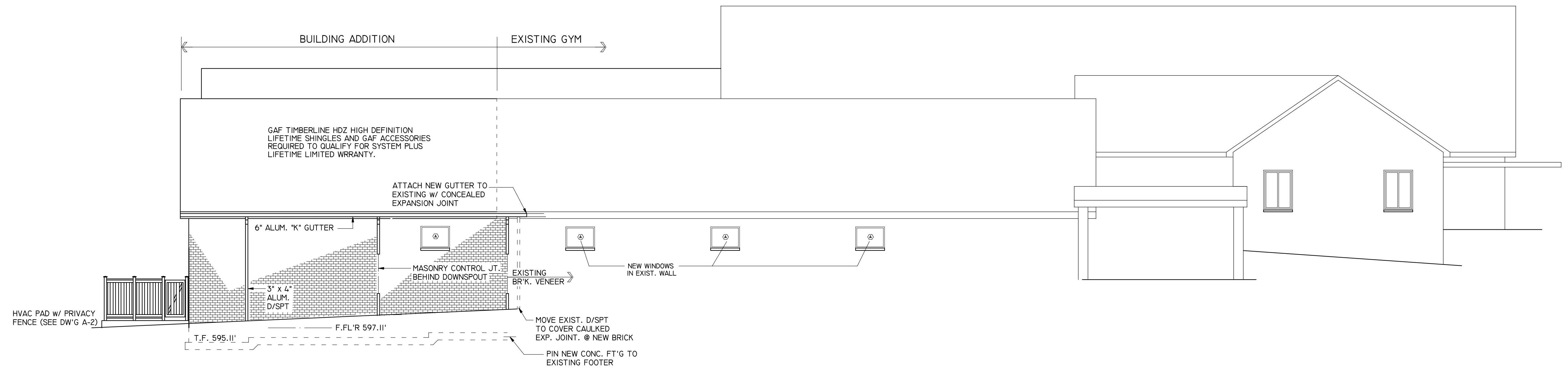
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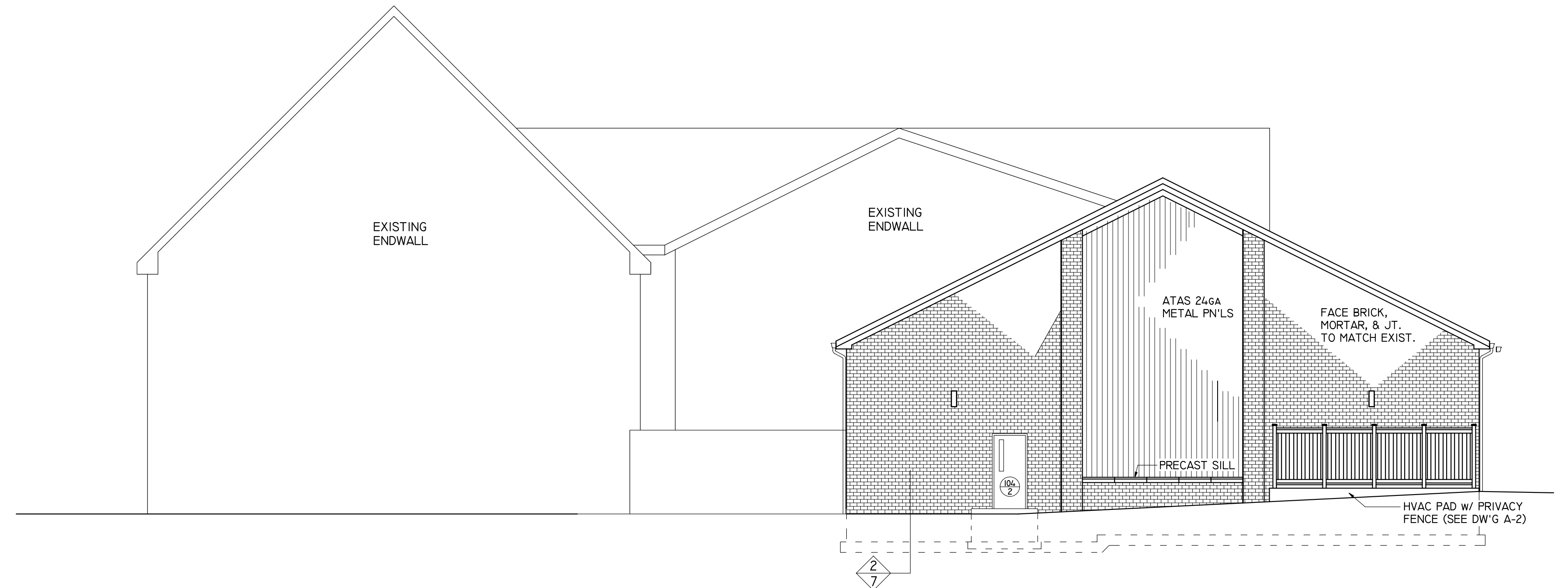
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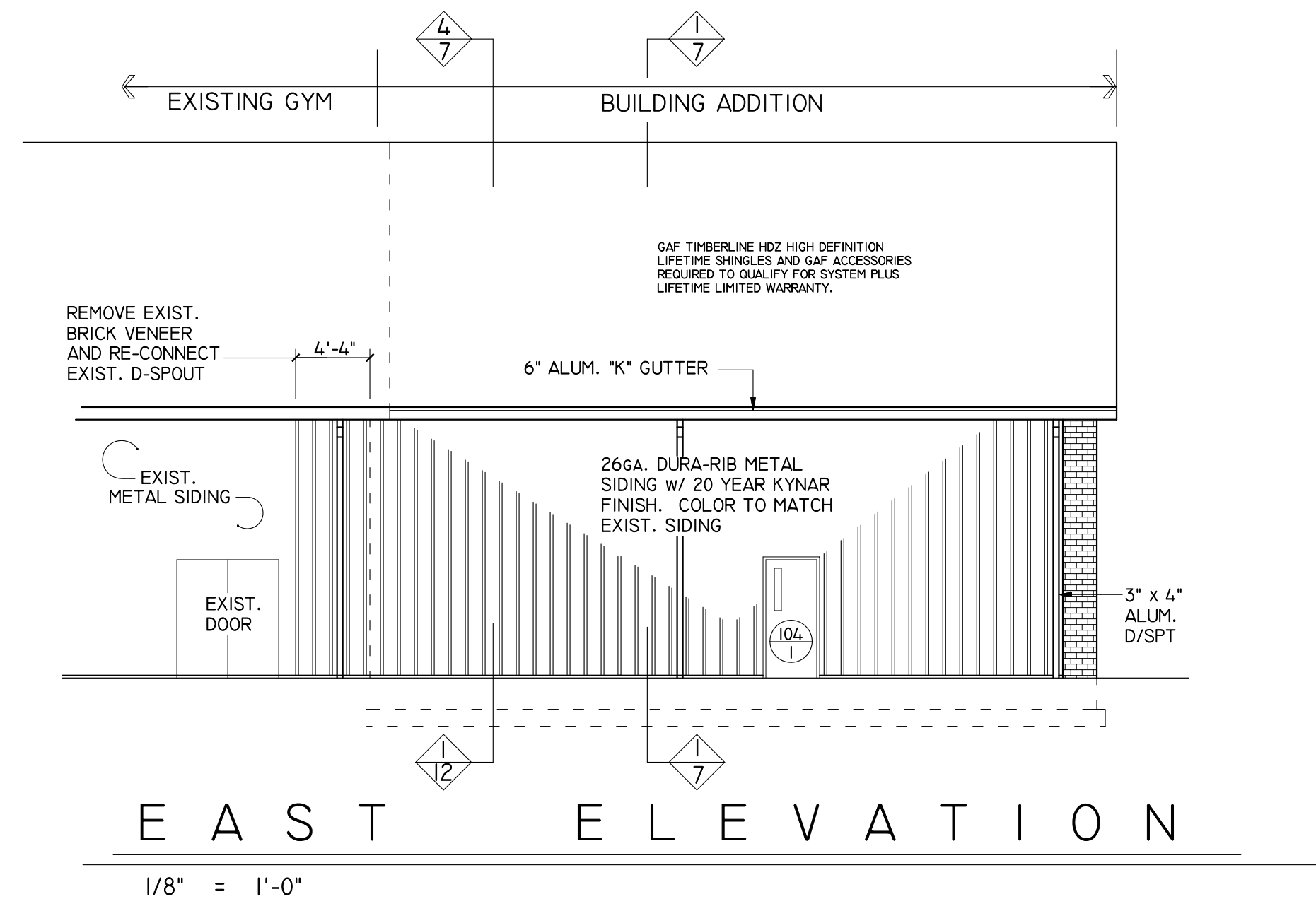
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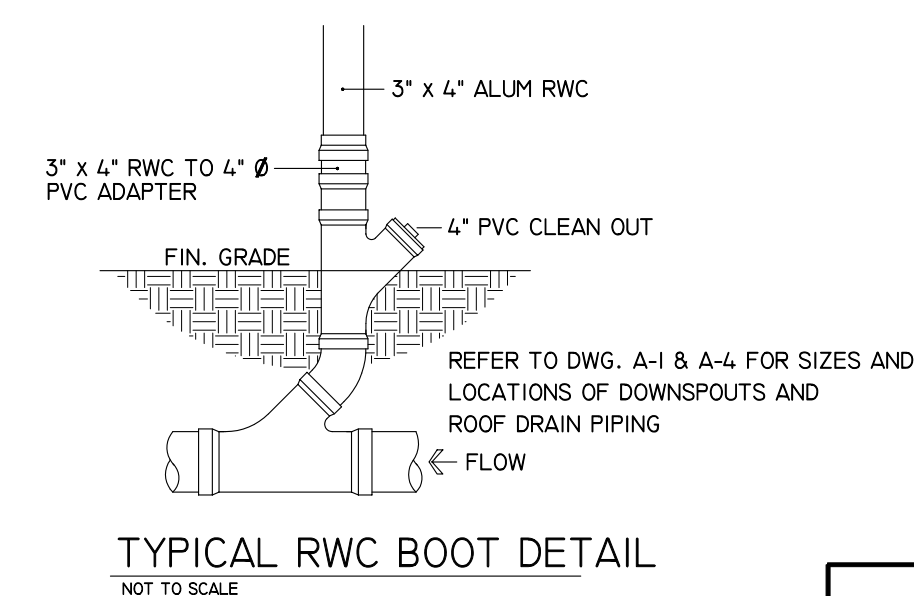
WEST ELEVATION
1/8" = 1'-0"



NORTH ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"



NOTE:
NEW BRICK VENEER TO MATCH EXISTING
IN SIZE, STYLE, TEXTURE, COLOR, & MORTAR

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TO BE USED BY THE OWNER FOR ANY OTHER
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CENTURA
ASSOCIATES

DAVID M. MOLINO
REGISTERED ARCHITECT

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(717) 360-0401 rfo@centuraassociates.org

PROPOSED ADDITION
**OTTERBEIN UNITED
BRETHREN CHURCH**
146 LEITERSBURG STREET
GREENCASTLE, PA 17225

ELEVATIONS

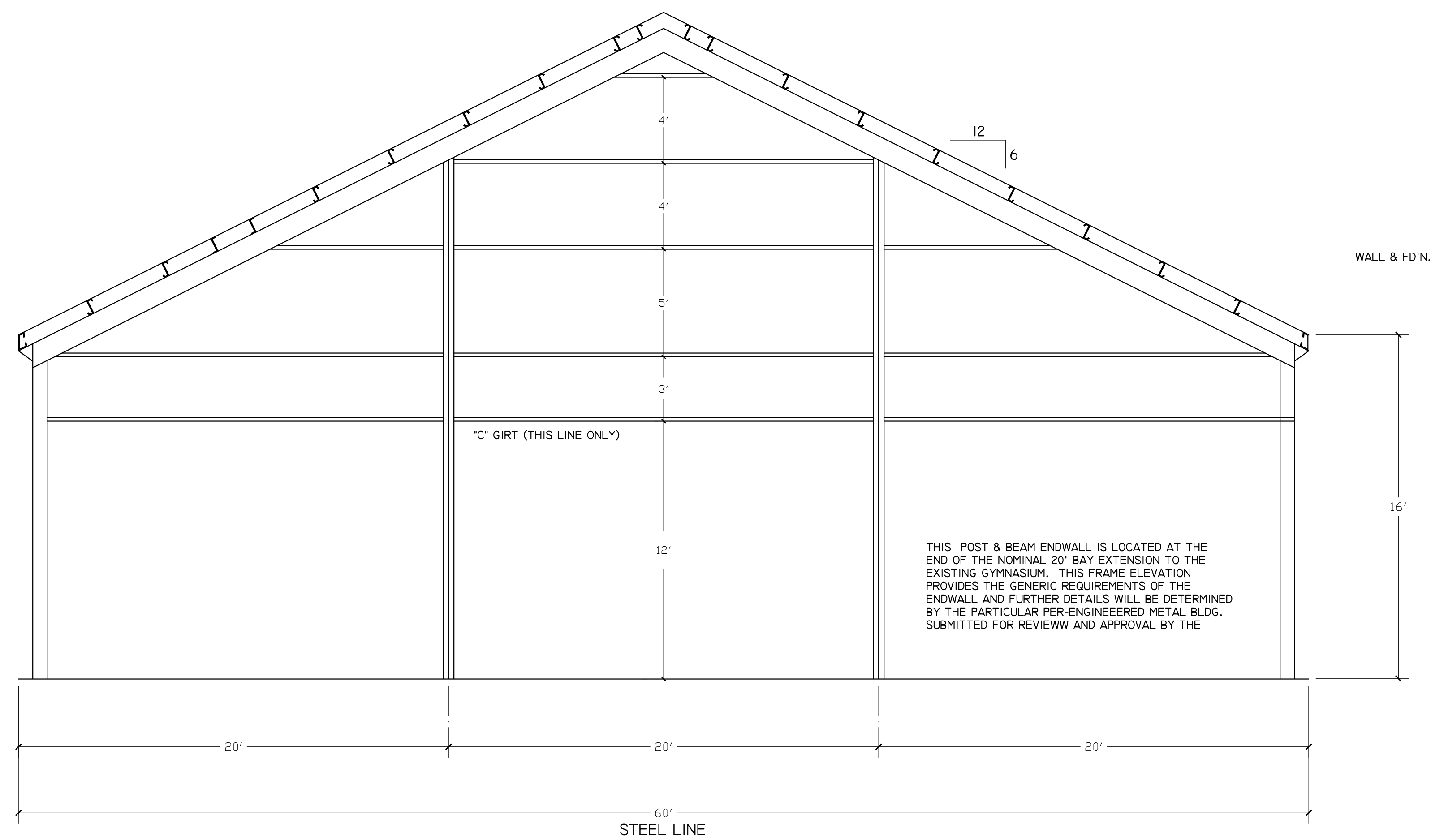
PROJECT
1802-335

APPROVED

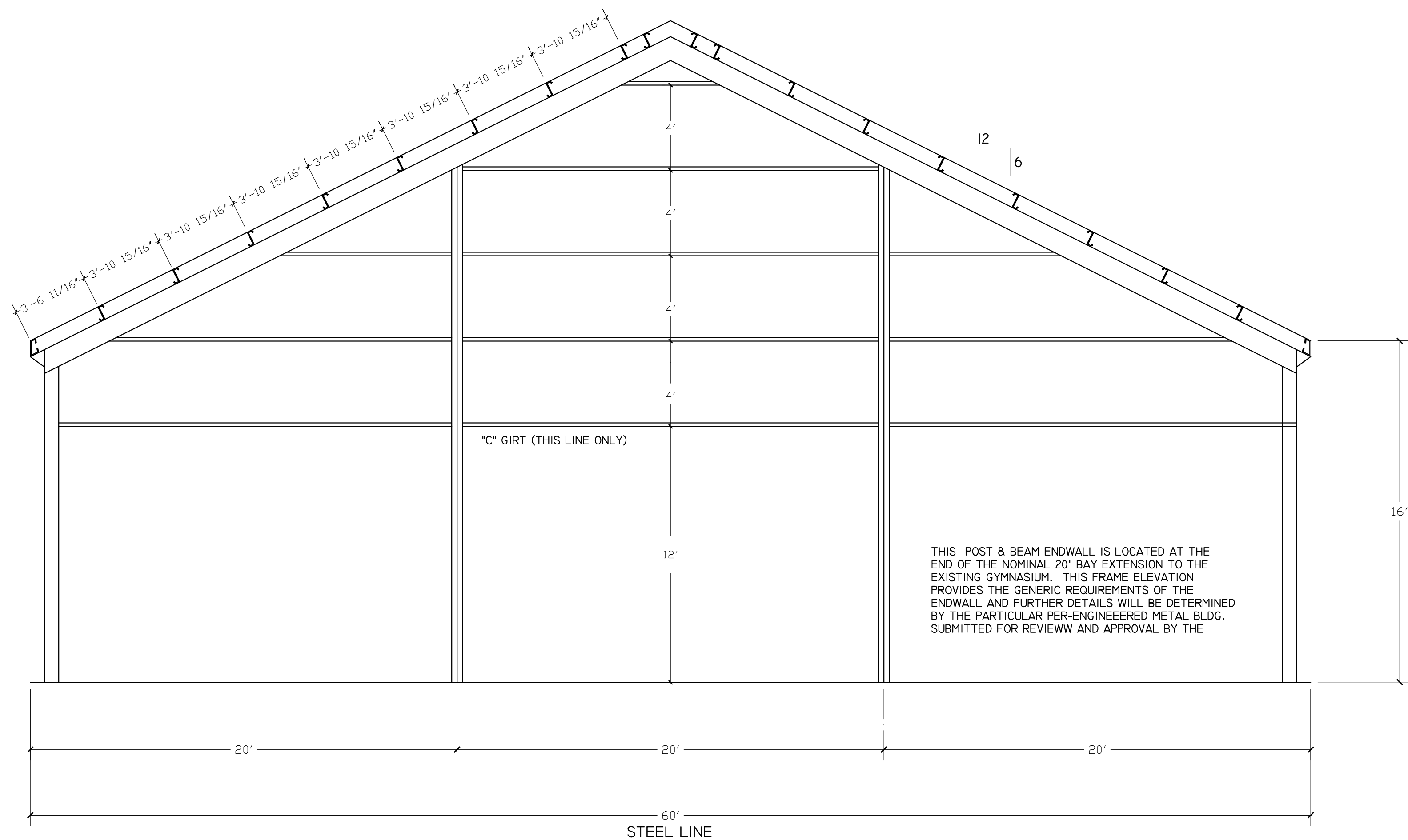
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DATE

A-4



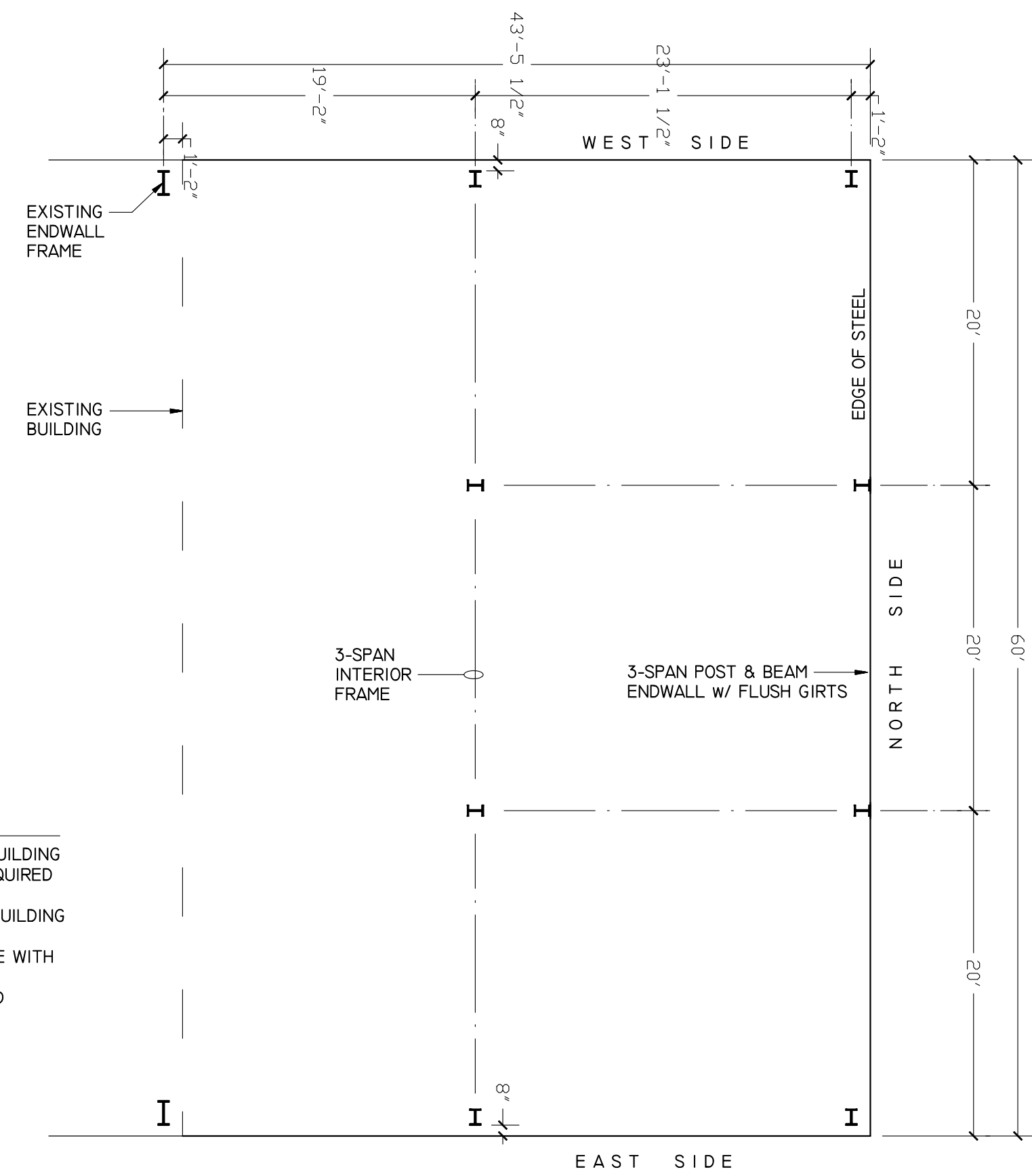
3-SPAN INTERMEDIATE FRAME
1/4" = 1'-0"



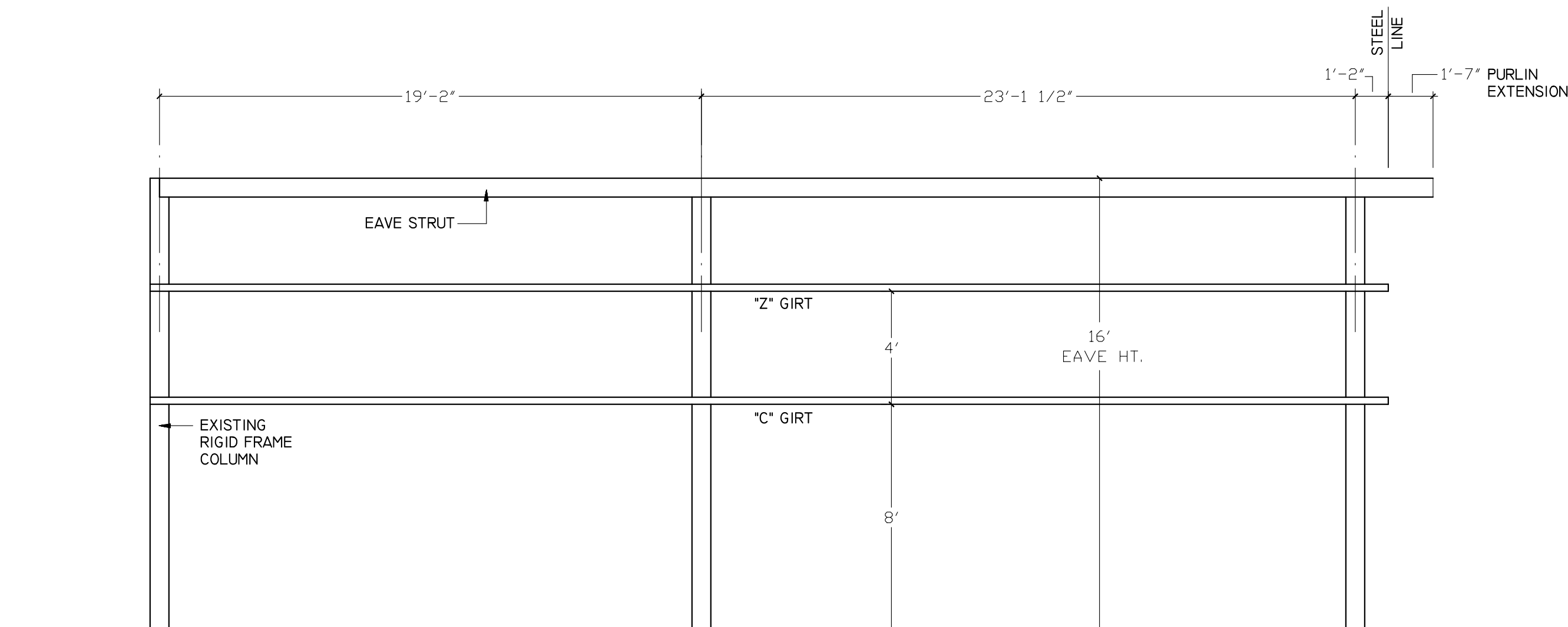
POST & BEAM NORTH ENDWALL
1/4" = 1'-0"

PRE-ENGINEERED METAL BUILDING NOTES:

1. CONTRACTOR SHALL VERIFY DIMENSIONS, PITCH, AND PERTINENT DETAILS OF EXISTING BUILDING PRIOR TO INITIATING ENGINEER DRAWINGS FROM METAL BUILDING SUPPLIER TO ENSURE REQUIRED ALIGNMENT BETWEEN THE EXISTING STRUCTURE AND THE PRE-ENGINEERED ADDITION.
2. THE PRE-ENGINEERED METAL BUILDING SYSTEM SHALL BE AS MANUFACTURED BY STAR BUILDING SYSTEMS OR AN EQUAL APPROVED BY THE ARCHITECT PRIOR TO THE BID DATE.
3. THE BUILDING SHALL BE AS INDICATED ON THESE DRAWINGS AND IN STRICT ACCORDANCE WITH MBMA BUILDING SYSTEMS MANUAL AND IBC 2015.
4. FURNISH SHOP DRAWINGS FOR ARCHITECT APPROVAL, SHOWING ALL DESIGN CRITERIA AND BEARING THE SEAL OF A PENNSYLVANIA REGISTERED ENGINEER.



PRE-ENGINEERED FRAMING PLAN
1/8" = 1'-0"

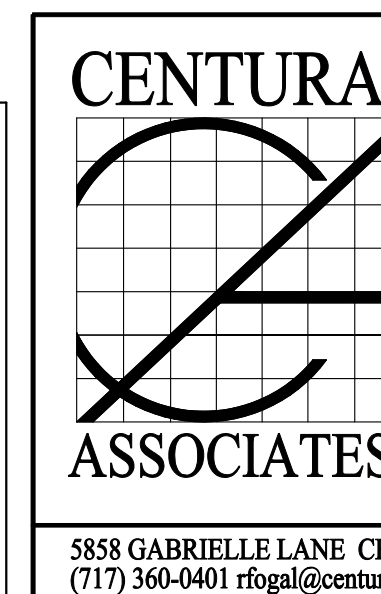


EAST SIDEWALL PRE-ENGINEERED FRAMING
1/4" = 1'-0"

NOTE:
WEST SIDEWALL SIMILAR OPPOSITE HAND WITH NO SIDEWALL GIRTS.

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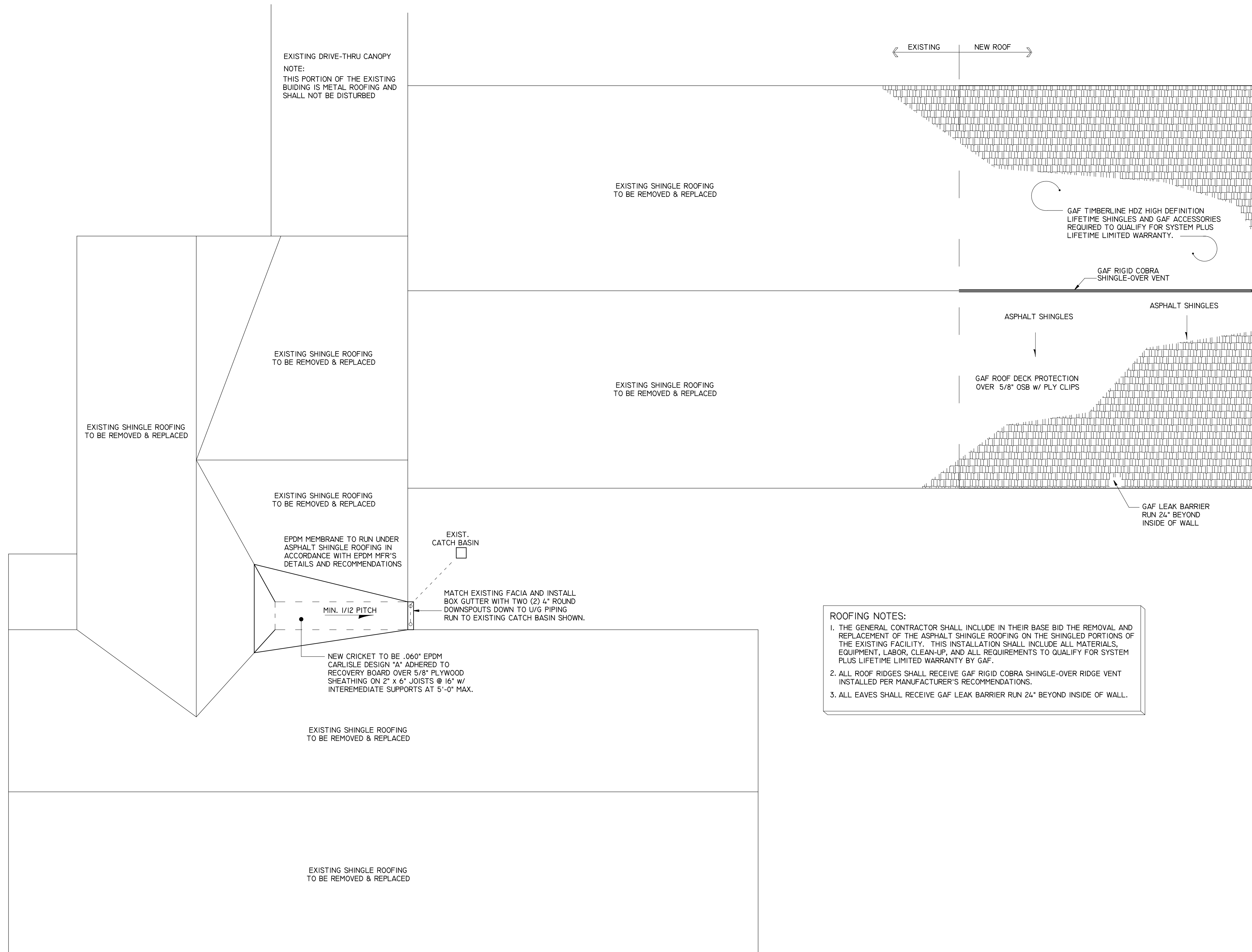
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PROPOSED ADDITION
OTTERBEIN UNITED BRETHREN CHURCH
146 LEITERSBURG STREET
GREENCASTLE, PA 17225

PRE-ENGINEERED METAL BUILDING

PROJECT 1802-335
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DATE

A-5



EXISTING DRIVE-THRU CANOPY
NOTE:
THIS PORTION OF THE EXISTING
BUILDING IS METAL ROOFING AND
SHALL NOT BE DISTURBED

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

EPDM MEMBRANE TO RUN UNDER
ASPHALT SHINGLE ROOFING IN
ACCORDANCE WITH EPDM MFR'S
DETAILS AND RECOMMENDATIONS

EXIST.
CATCH BASIN

MATCH EXISTING FACIA AND INSTALL
BOX GUTTER WITH TWO (2) 4" ROUND
DOWNSPOUTS DOWN TO W/G PIPING
RUN TO EXISTING CATCH BASIN SHOWN.

MIN. 1/12 PITCH

NEW CRICKET TO BE .060" EPDM
CARLISLE DESIGN "A" ADHERED TO
RECOVERY BOARD OVER 5/8" PLYWOOD
SHEATHING ON 2" x 6" JOISTS @ 16" w/
INTERMEDIATE SUPPORTS AT 5'-0" MAX.

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

EXISTING SHINGLE ROOFING
TO BE REMOVED & REPLACED

← EXISTING NEW ROOF →

GAF TIMBERLINE HDZ HIGH DEFINITION
LIFETIME SHINGLES AND GAF ACCESSORIES
REQUIRED TO QUALIFY FOR SYSTEM PLUS
LIFETIME LIMITED WARRANTY.

GAF RIGID COBRA
SHINGLE-OVER VENT

ASPHALT SHINGLES

ASPHALT SHINGLES

GAF ROOF DECK PROTECTION
OVER 5/8" OSB w/ PLY CLIPS

GAF LEAK BARRIER
RUN 24" BEYOND
INSIDE OF WALL

- ROOFING NOTES:**
1. THE GENERAL CONTRACTOR SHALL INCLUDE IN THEIR BASE BID THE REMOVAL AND REPLACEMENT OF THE ASPHALT SHINGLE ROOFING ON THE SHINGLED PORTIONS OF THE EXISTING FACILITY. THIS INSTALLATION SHALL INCLUDE ALL MATERIALS, EQUIPMENT, LABOR, CLEAN-UP, AND ALL REQUIREMENTS TO QUALIFY FOR SYSTEM PLUS LIFETIME LIMITED WARRANTY BY GAF.
 2. ALL ROOF RIDGES SHALL RECEIVE GAF RIGID COBRA SHINGLE-OVER RIDGE VENT INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 3. ALL EAVES SHALL RECEIVE GAF LEAK BARRIER RUN 24" BEYOND INSIDE OF WALL.

ROOF PLAN

1/8" = 1'-0"

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PROPOSED ADDITION
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BRETHREN CHURCH**
146 LEITERSBURG STREET
GREENCASTLE, PA 17225

ROOF PLAN

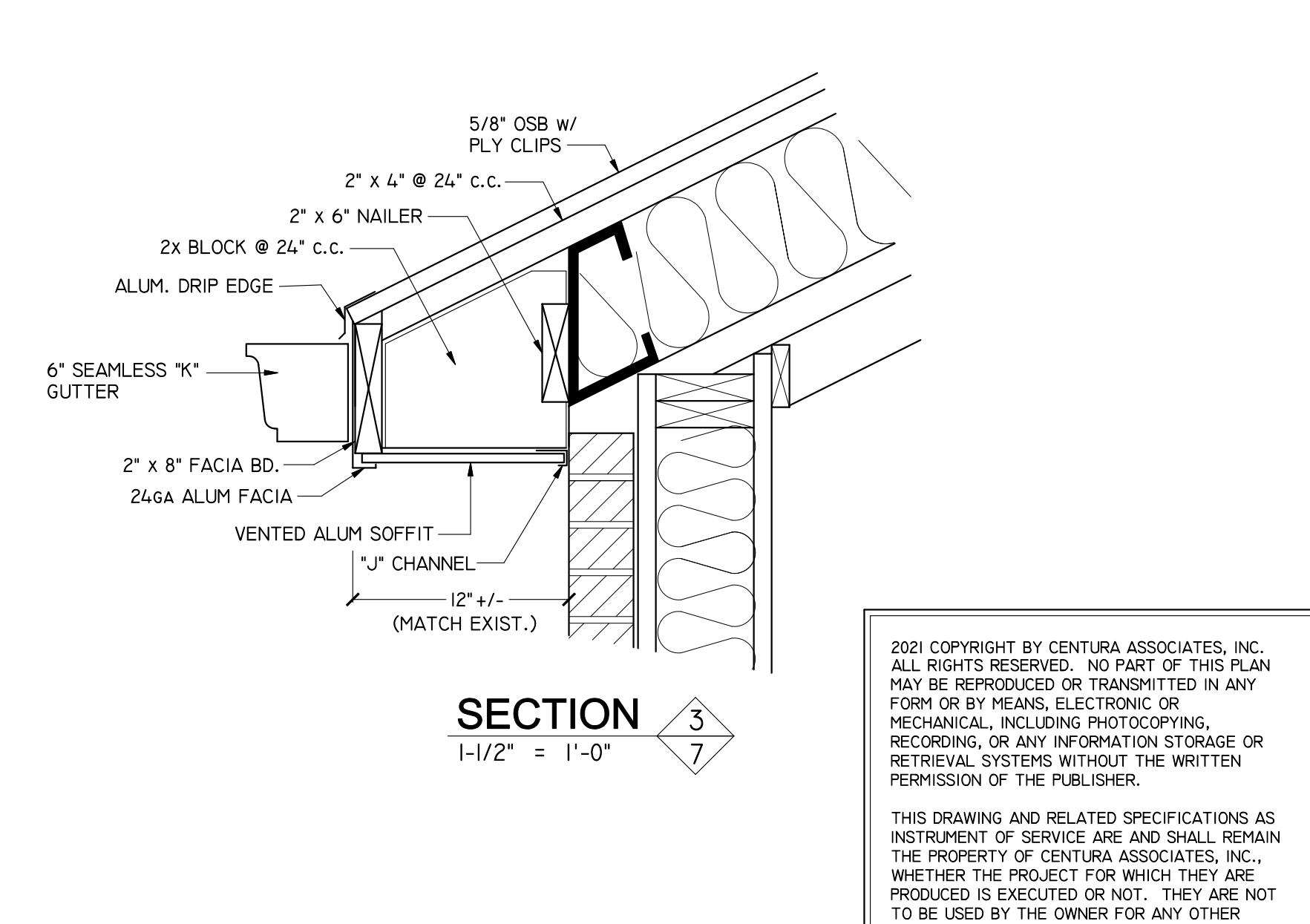
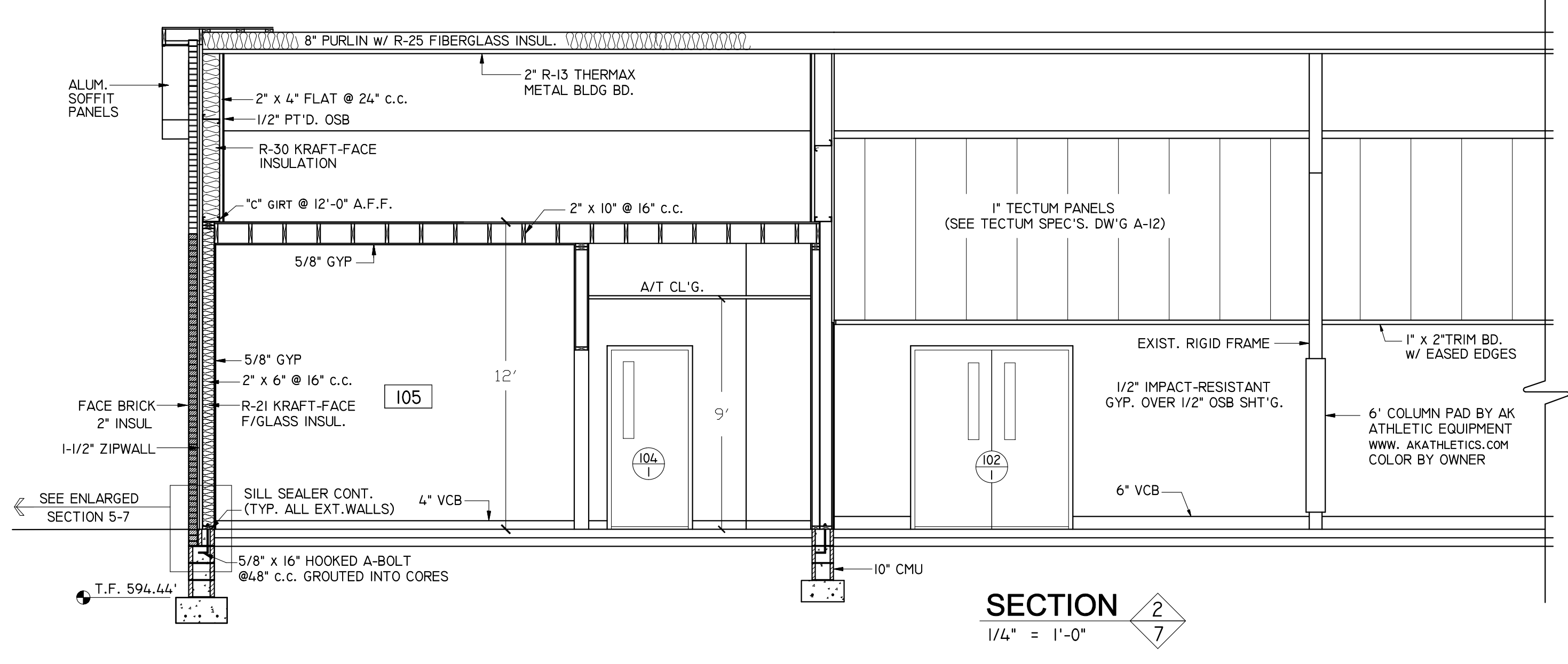
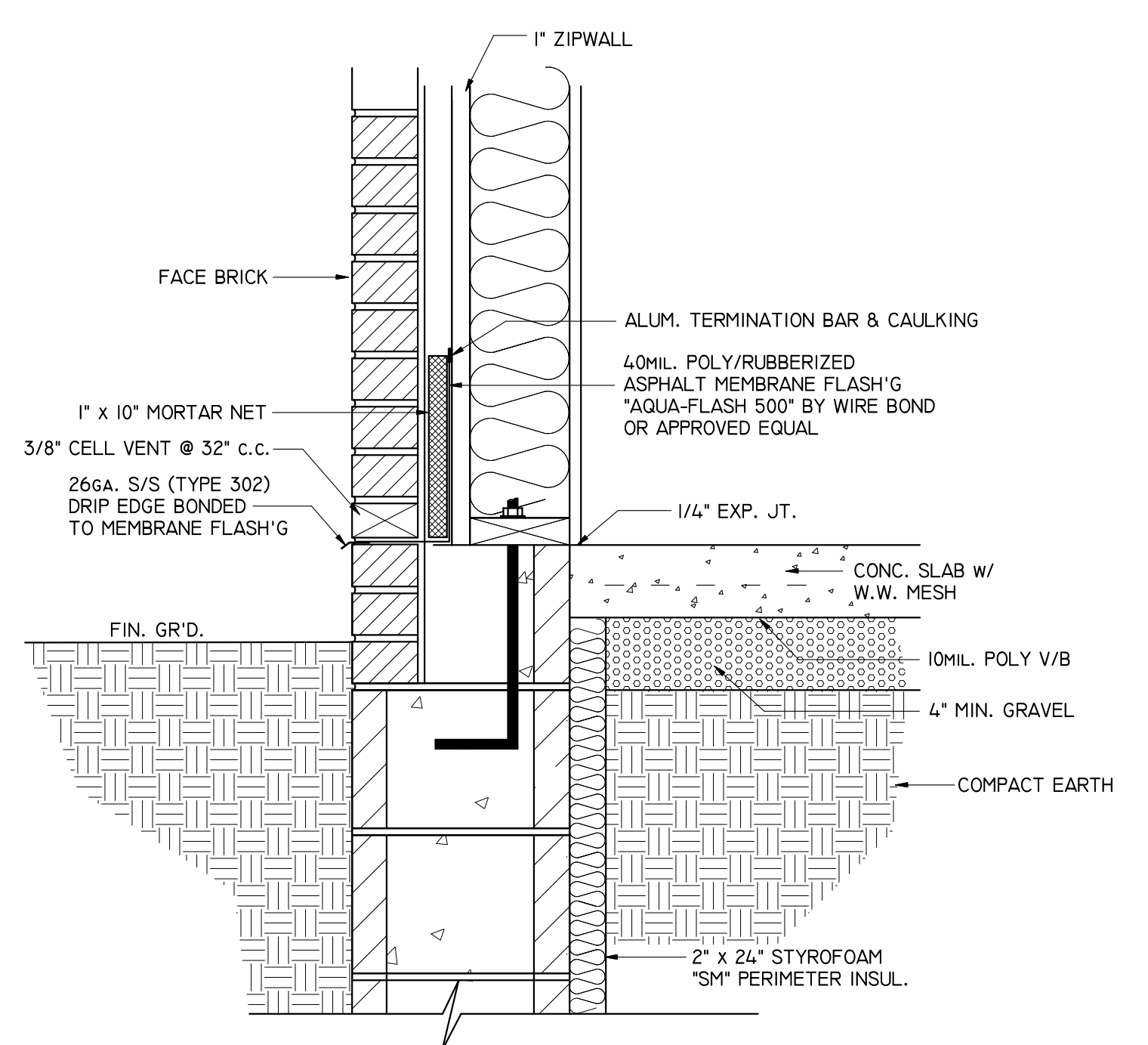
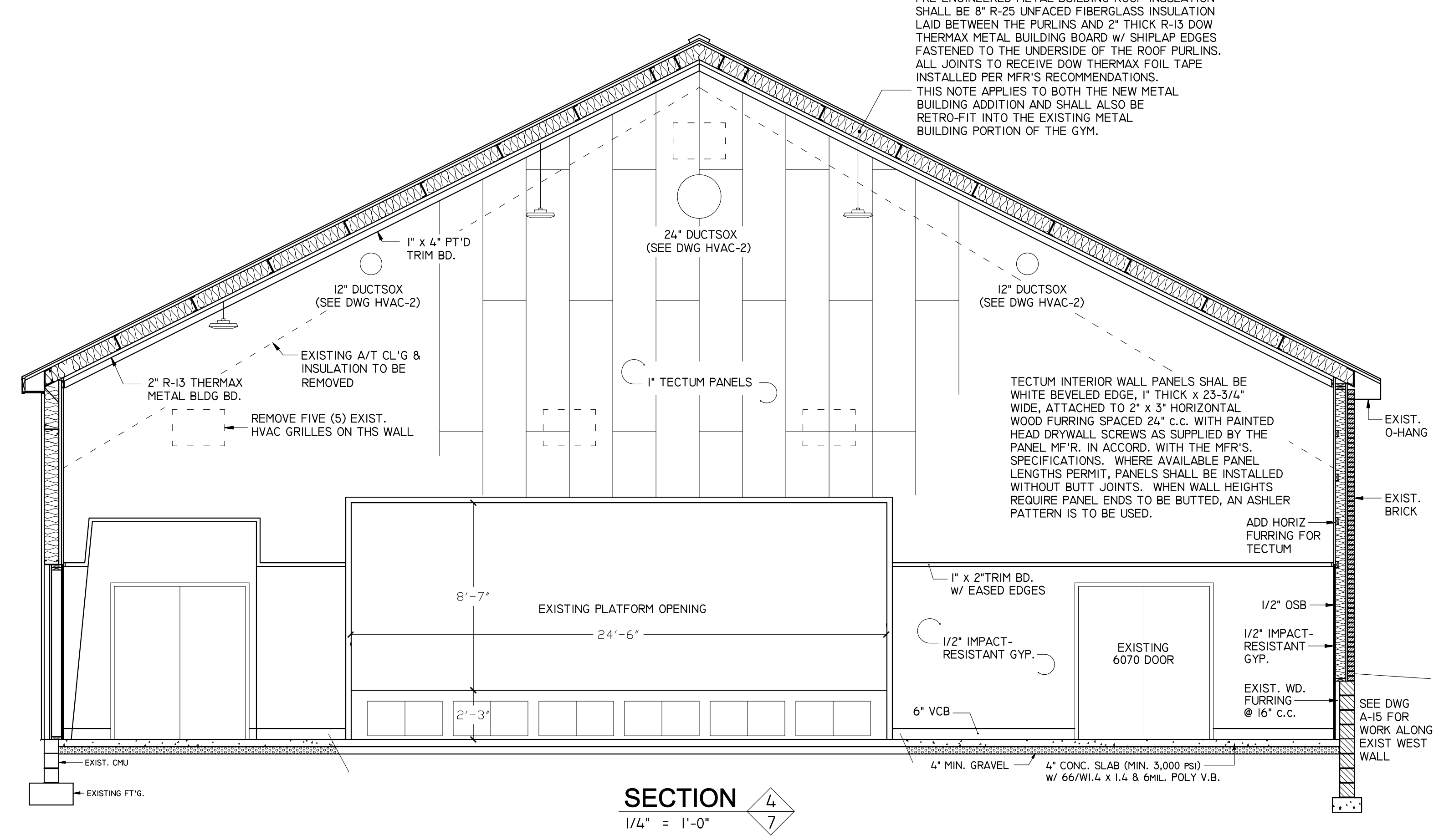
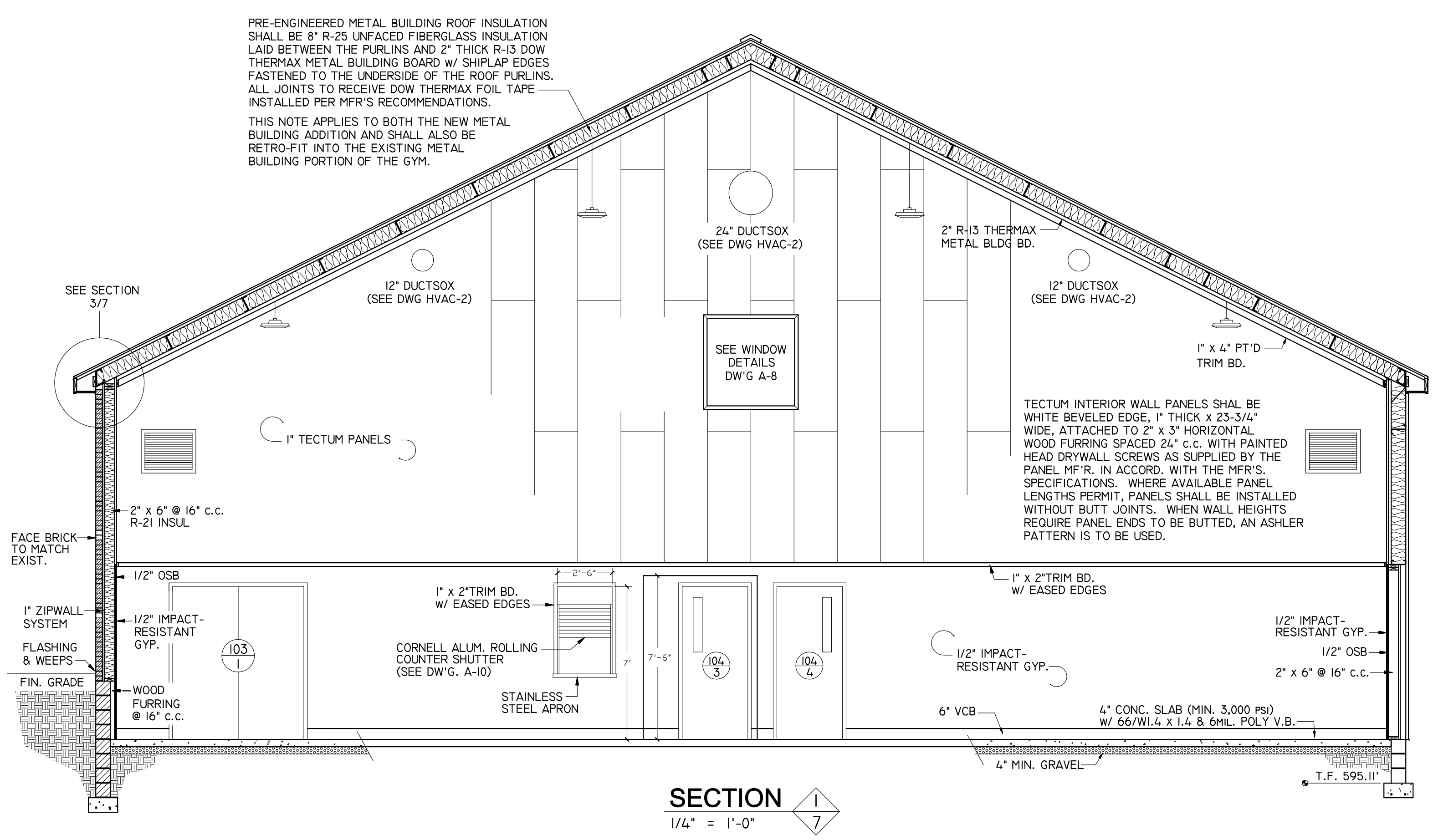
PROJECT
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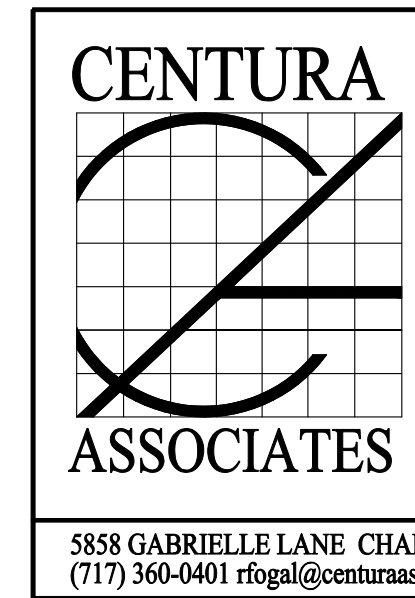
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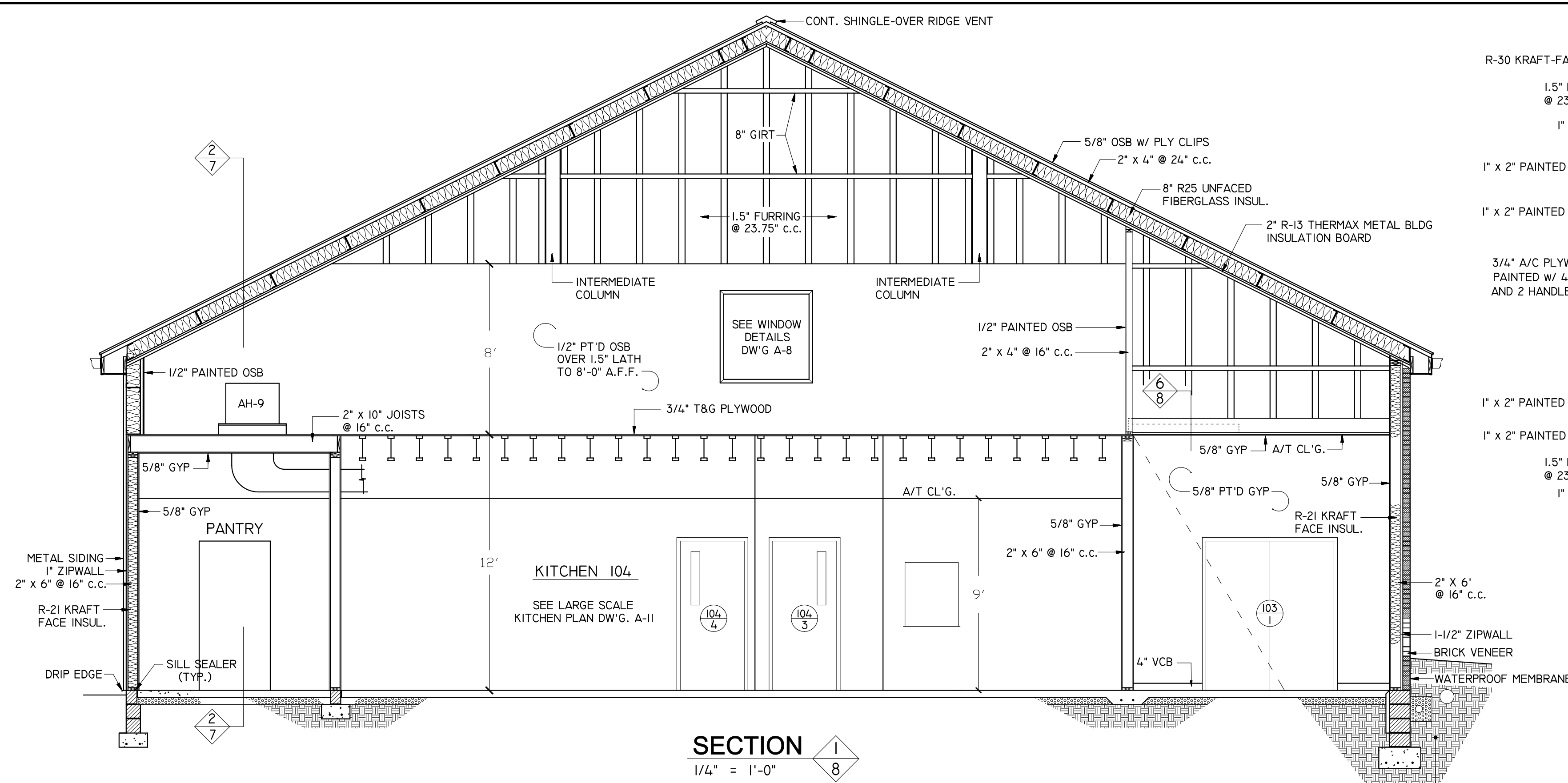


DAVID M. MOLINO
REGISTERED ARCHITECT

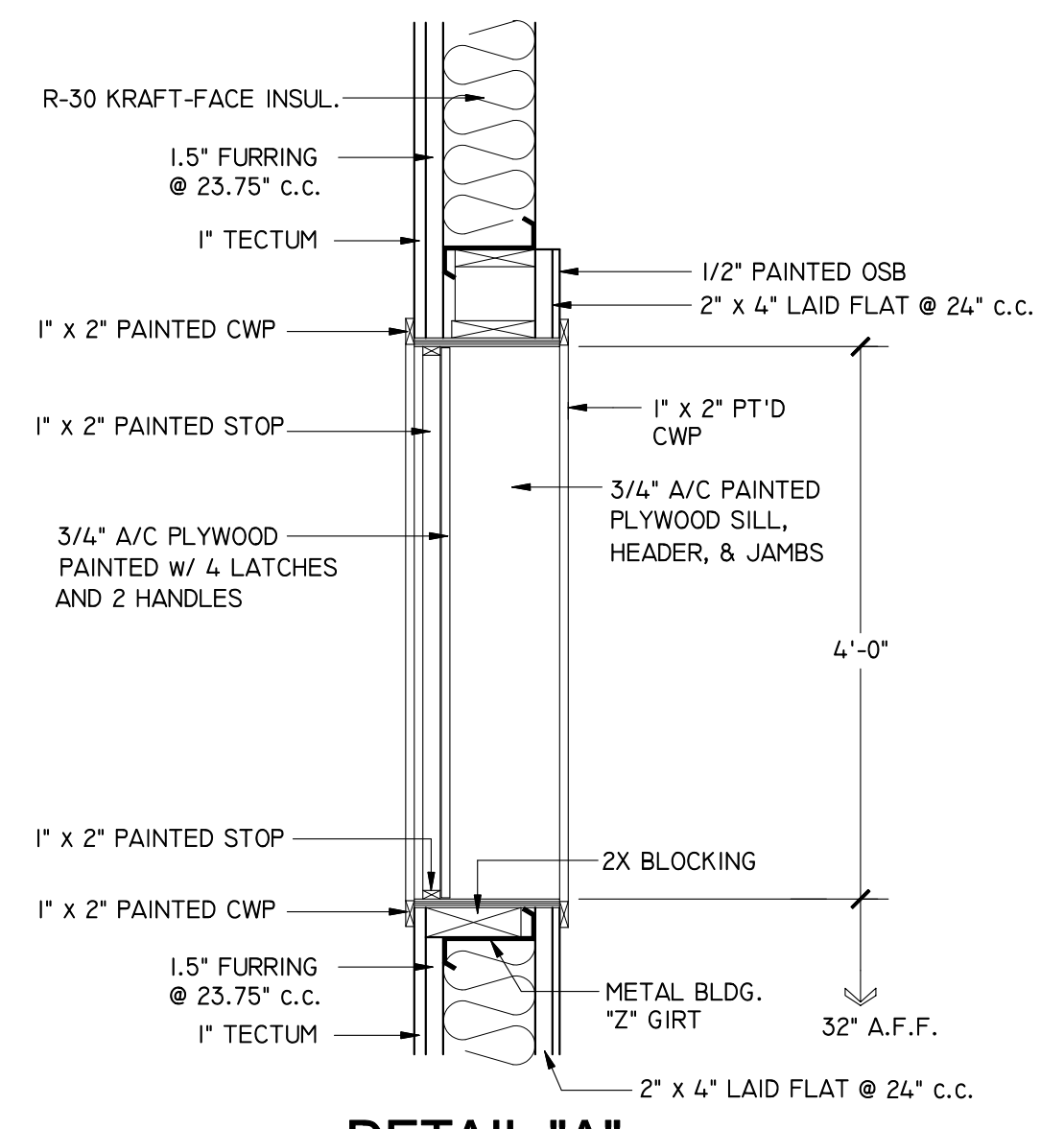
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PROPOSED ADDITION
OTTERBEIN UNITED BRETHREN CHURCH
146 LEITERSBURG STREET
GREENCASTLE, PA 17225
BUILDING SECTIONS

PROJECT	1802-335
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DATE	
A-7	

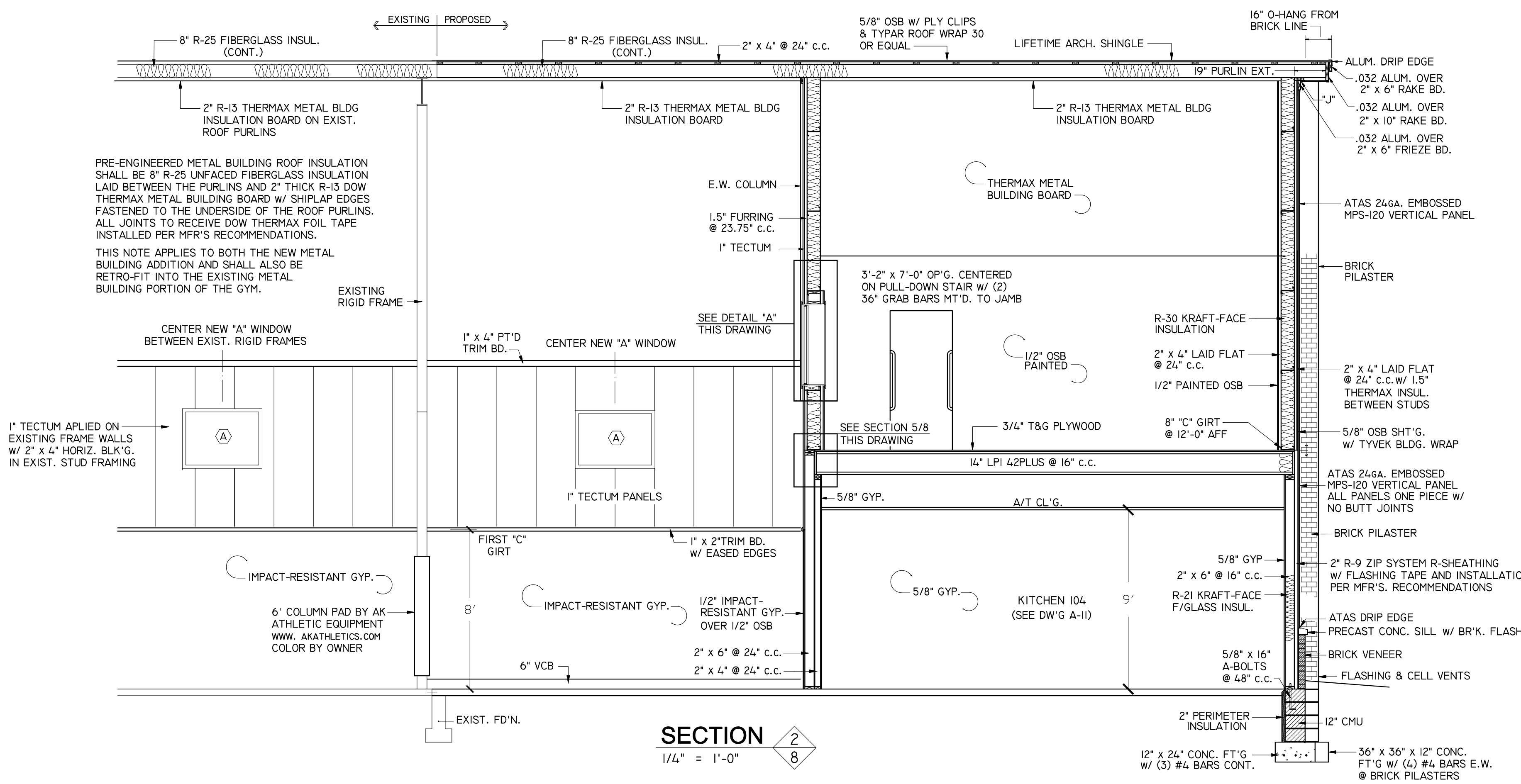


SECTION 1
1/4" = 1'-0"

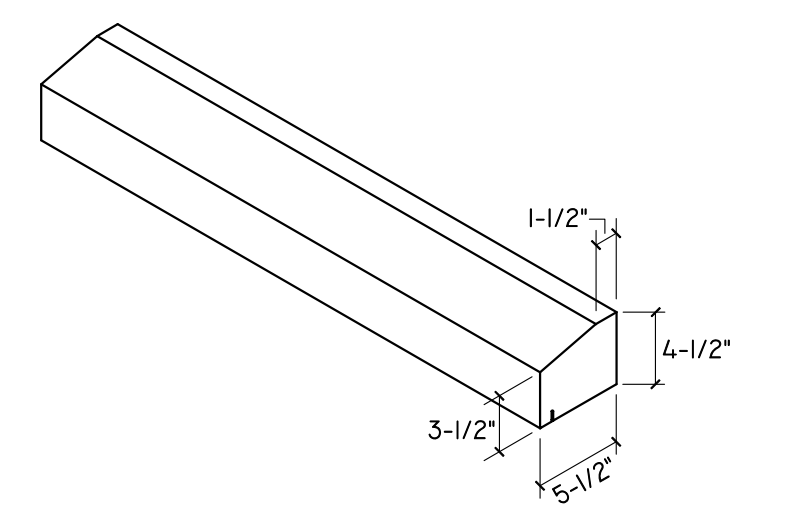


DETAIL "A"
3/4" = 1'-0"

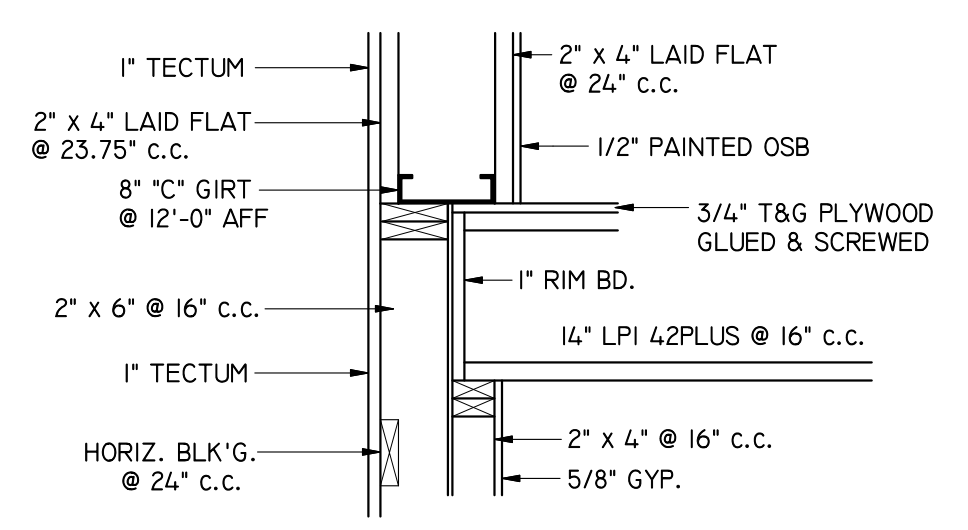
4" PERF PVC DRAIN, 8" DOWNSPOUT PIPING, AND GAS LINE TO BE INSTALLED IN EXIST. PLANTING STRIP ALONG WEST SIDE OF EXISTING AND NEW ADDITION. (SEE NOTES ON DEMO PLAN A-15)



SECTION 2
1/4" = 1'-0"



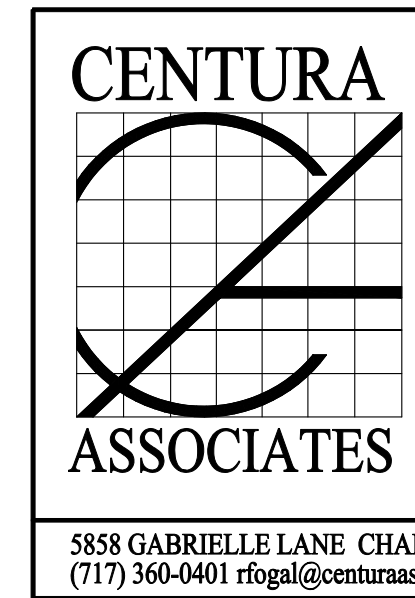
PRE-CAST SILL DETAIL
1" = 1'-0"



SECTION 5
3/4" = 1'-0"

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BUILDING SECTIONS

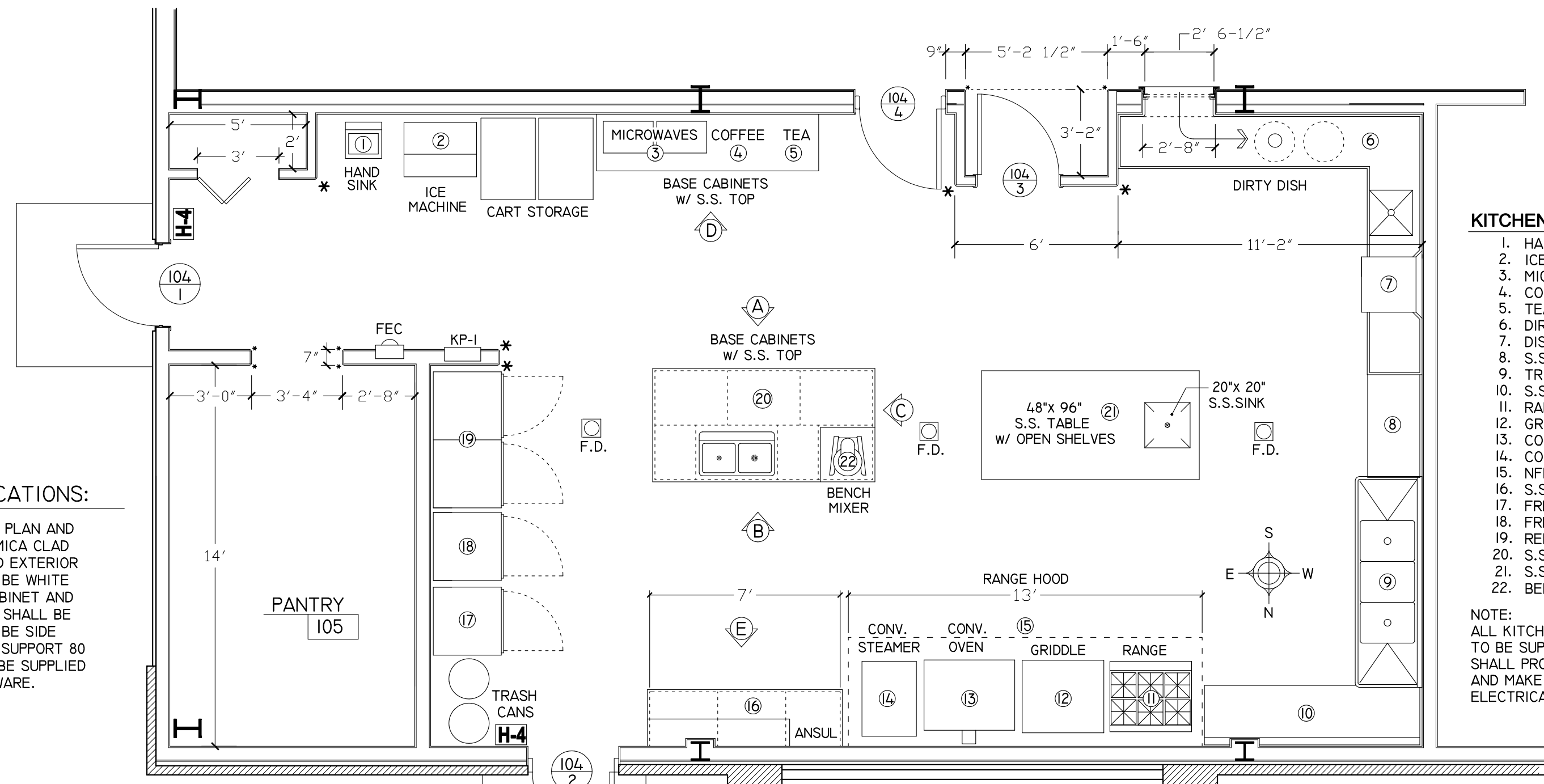
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DATE

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(717) 360-0401 rfo@centuraassociates.org

* STAINLESS STEEL BULLNOSE CORNER GUARD
2.5" x 2.5" x 72", 90 DEGREE, 16GA.
TYPE 304, SATIN #4 (BRUSHED) FINISH,
ROUNDED CORNERS W/ SELF-STICK TAPE
(THECORNERGUARDSTORE.COM)

KITCHEN CABINET SPECIFICATIONS:

PROVIDE BASE AND WALL CABINETS PER PLAN AND ELEVATIONS. CABINETS SHALL BE FORMICA CLAD 5/8" PARTICLE BOARD ALL INTERIOR AND EXTERIOR SURFACES. INTERIOR SURFACES SHALL BE WHITE FORMICA AND OWNER SHALL SELECT CABINET AND DOOR FACE COLORS. ALL DOOR HINGES SHALL BE SELF-CLOSING. DRAWER GUIDES SHALL BE SIDE MOUNTED BALL BEARING TYPE ABLE TO SUPPORT 80 LBS. ALL DOORS AND DRAWERS SHALL BE SUPPLIED WITH PULLS. OWNER TO SELECT HARDWARE.



KITCHEN PLAN

1/4" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE

- HAND SINK
- ICE MACHINE
- MICROWAVES
- COFFEE MAKER
- TEA MAKER
- DIRTY DISH CT'R & SINK
- DISHWASHER
- S.S. TABLE
- TRIPLE BOWL SINK
- S.S. TABLE W/ B-SPLASH
- RANGE
- GRIDDLE
- CONVECTION OVEN
- CONVECTION STEAMER
- NFPA RANGE HOOD
- S.S. TOP W/ B-SPLASH
- FREEZER
- FREEZER
- REFRIGERATOR
- S.S. TOPS W/ 2-BOWL SINK
- S.S. TABLE W/ SINK
- BENCH MIXER

NOTE: ALL KITCHEN EQUIPMENT LISTED ABOVE TO BE SUPPLIED BY OWNER. CONTRACTOR SHALL PROVIDE ALL NECESSARY ROUGH-IN AND MAKE FINAL PLUMBING, GAS, AND ELECTRICAL CONNECTIONS.

ROOM FINISH SCHEDULE

RM. NO.	NAME	FLOOR	BASE	WALL	CEILING	HEIGHT	REMARKS
102	GYMNASIUM	LVT	4" VCB	PT'D GYP.	PT'D GYP.	12'-0"	SEE NOTE 2 BELOW
103	STORAGE	LVT	4" VCB	PT'D GYP.	PT'D GYP.	12'-0"	SEE NOTE 2 BELOW
104	KITCHEN	EPOXY	EPOXY	GYP & C.T.	AT-3	10'-0"	SEE A/T CLG. NOTE BELOW
105	PANTRY	EPOXY	EPOXY	PT'D GYP.	AT-3	9'-0"	SEE A/T CLG. NOTE BELOW

*AT-3 CEILING TO BE ARMSTRONG #673, 24" x 24" WHITE, W/ 15/16" WHITE PRELUDE GRID

NOTES:

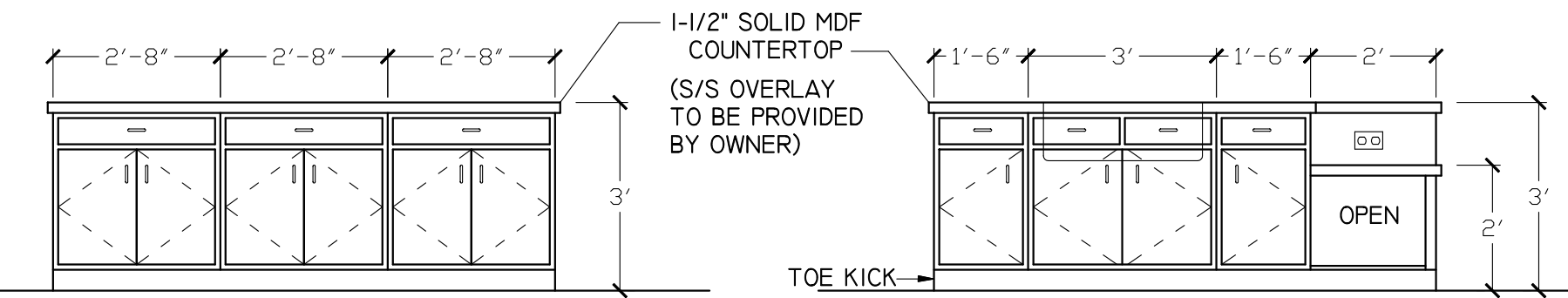
- DRYWALL FINISH SHALL CONSIST OF L1 TAPE COAT, L2 EMBED COAT, L3 FILL COAT, L4 FINISH COAT, AND PRIMER/PAINT FINISH PER PROJECT SPECIFICATIONS
- A MATERIAL ALLOWANCE OF \$5.00/SQUARE FOOT SHALL BE INCLUDED IN THE CONTRACT FOR LVT FLOORING AND VINYL COVE BASE IN STORAGE ROOM 103. ALL OTHER MATERIALS, INSTALLATION, AND COST RELATED TO FINISH FLOORING SHALL BE INCLUDED IN THE BASE BID. (GYM FLOORING EXCLUDED, BY OWNER.)
- ALL MATERIAL TRANSITIONS IN FLOOR MATERIAL SHALL OCCUR UNDER THE CENTERLINE OF DOOR. PROVIDE VINYL TRANSITION/REDUCER STRIP(S) AT ALL CHANGES IN FLOORING MATERIAL, UNLESS NOTED OTHERWISE. TRANSITION STRIPS SHALL BE AS MANUFACTURED BY JOHNSONITE, COLOR TO MATCH FLOOR, PROFILE AS REQUIRED, MINIMAL AS POSSIBLE.

DOOR SCHEDULE

NO.	TYPE	W	H	THK	MAT.	FRM	JAMB	THRES.	GLAZING	LOUVER	LABEL	PANIC	CLOSER	SIGNAGE	REMARKS
103-1	D	6'-0"	7'-0"	1-3/4"	WD	HM	10	-	-	-	-	-	-	-	-
104-1	C	3'-0"	7'-0"	1-3/4"	WD	HM	11	-	5' x 36" SAFETY	-	-	-	YES	-	-
104-2	C	3'-0"	7'-0"	1-3/4"	HM	HM	9	ALUM	5' x 36" SAFETY	-	-	-	YES	-	-
104-3	C	3'-0"	7'-0"	1-3/4"	WD	HM	3A	-	5' x 36" SAFETY	-	-	-	YES	-	-
104-4	C	3'-0"	7'-0"	1-3/4"	WD	HM	10	-	5' x 36" SAFETY	-	-	-	YES	-	-
104-5	G	3'-0"	7'-0"	1-3/4"	WD	HM	3A	-	-	-	-	-	-	-	S/C WOOD BI-FOLD

NOTE:

ALL KITCHEN EQUIPMENT LISTED ABOVE TO BE SUPPLIED BY OWNER. CONTRACTOR SHALL PROVIDE ALL NECESSARY ROUGH-IN AND MAKE FINAL PLUMBING, GAS, AND ELECTRICAL CONNECTIONS.

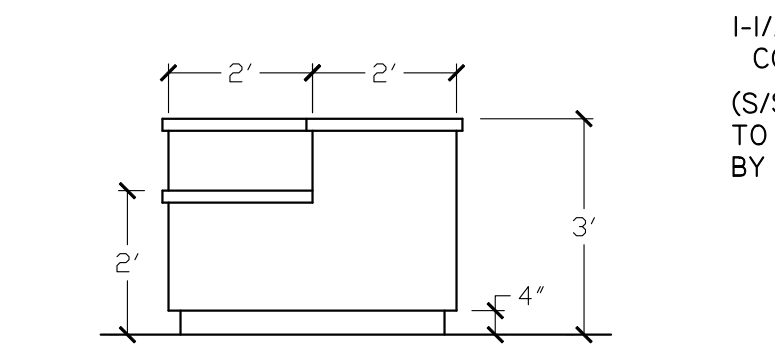


KITCHEN ISLAND ELEVATION A

3/8" = 1'-0"

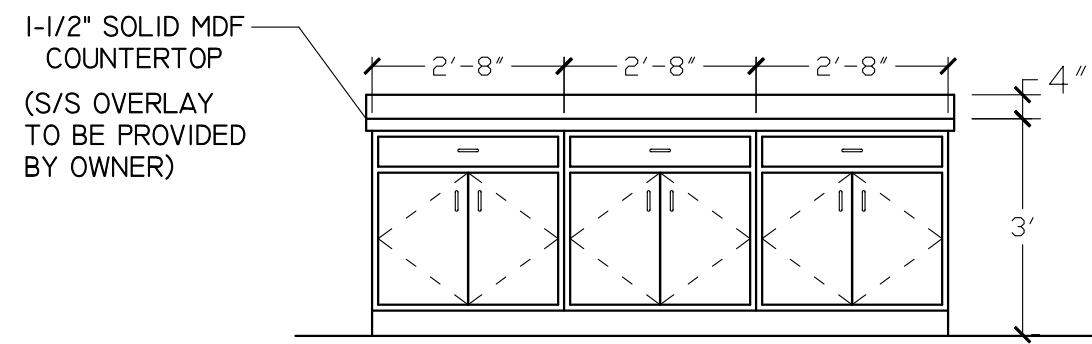
KITCHEN ISLAND ELEVATION B

3/8" = 1'-0"



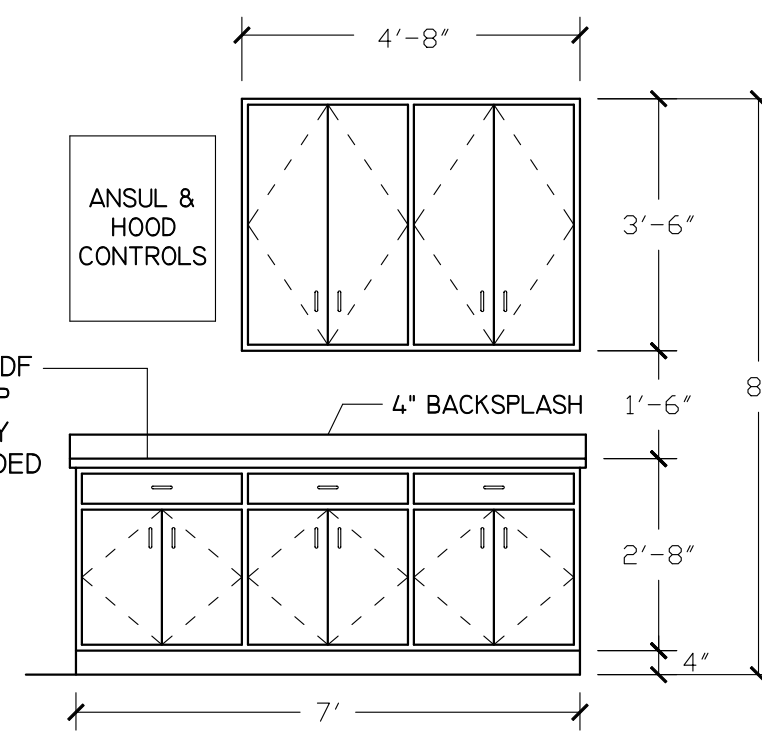
KITCHEN ISLAND ELEVATION C

3/8" = 1'-0"



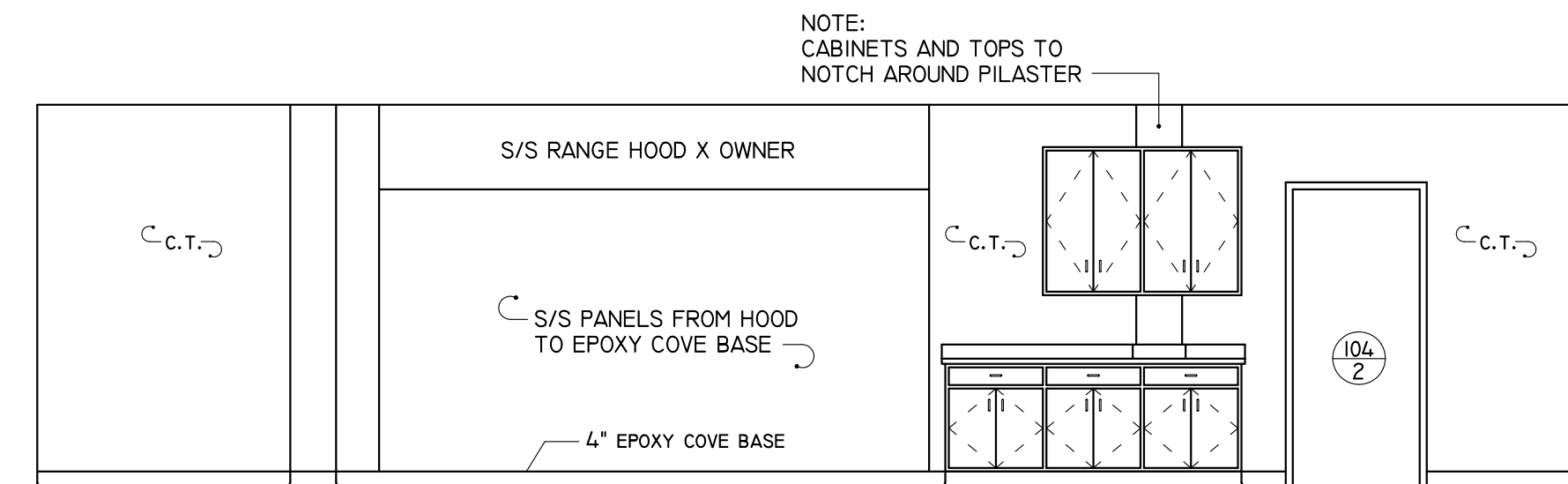
KITCHEN CABINET ELEVATION D

3/8" = 1'-0"



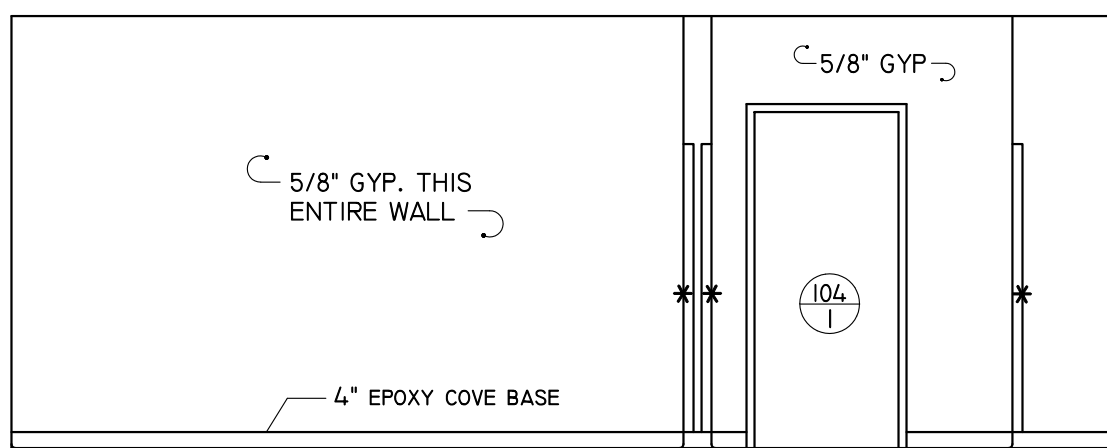
KITCHEN CABINET ELEVATION E

3/8" = 1'-0"



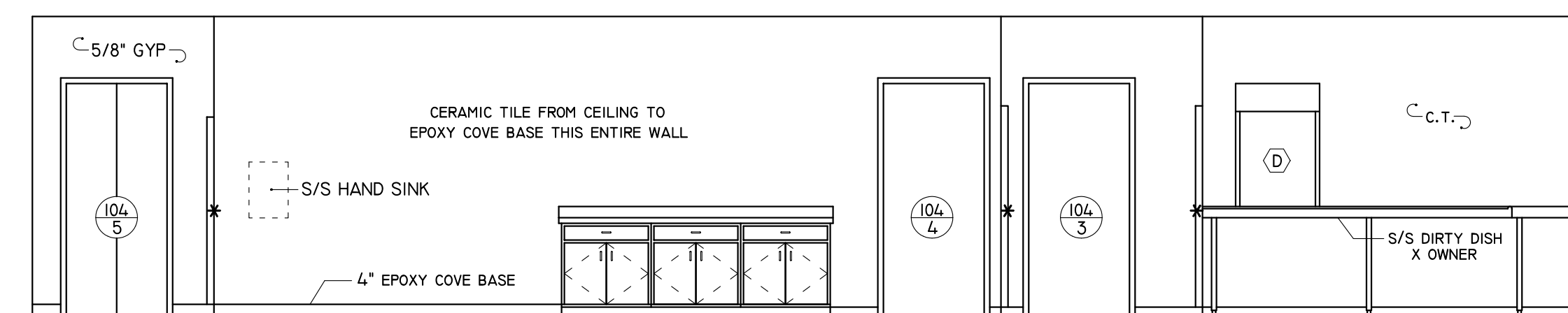
KITCHEN ELEVATION NORTH

1/4" = 1'-0"



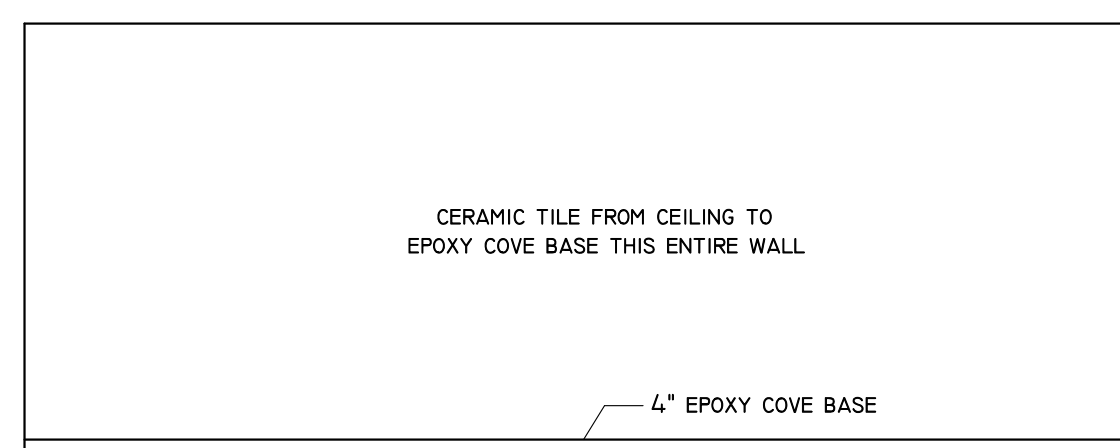
KITCHEN ELEVATION EAST

1/4" = 1'-0"



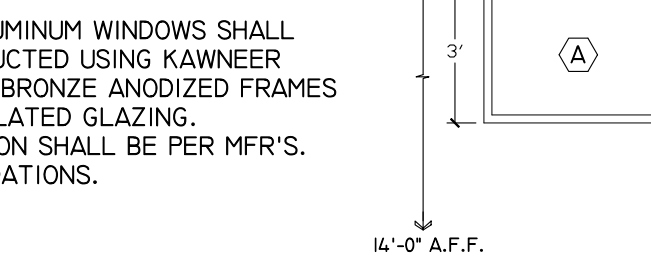
KITCHEN ELEVATION SOUTH

1/4" = 1'-0"



KITCHEN ELEVATION WEST

1/4" = 1'-0"



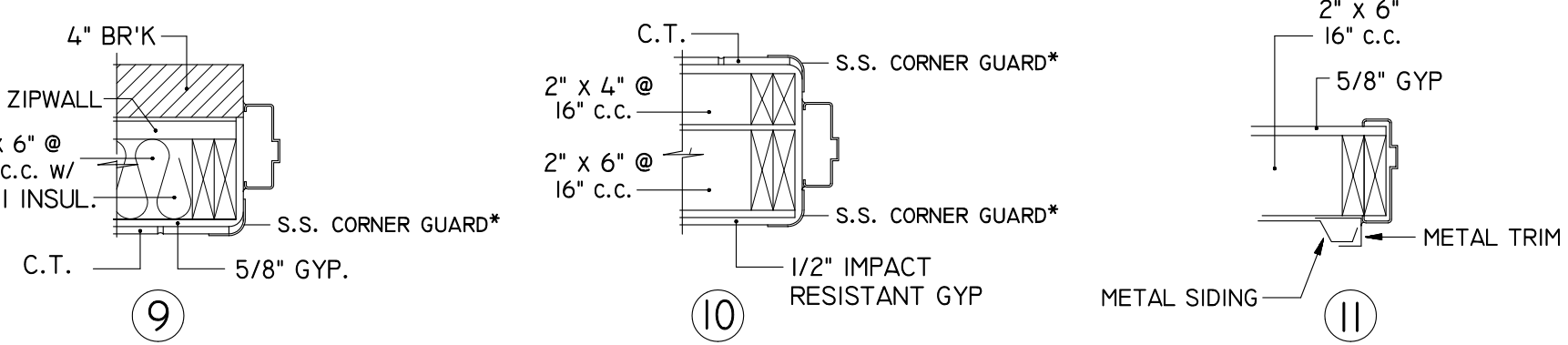
WINDOW TYPES

1/4" = 1'-0"

GLAZED ALUMINUM WINDOWS SHALL BE CONSTRUCTED USING KAWNEER 451-T DARK BRONZE ANODIZED FRAMES AND 1" INSULATED GLAZING. INSTALLATION SHALL BE PER MFR'S. RECOMMENDATIONS.

WINDOW 'D' SHALL BE AN ALUM. ROLLING COUNTER SHUTTER BY COOKSON/CORNELL MTD. BETWEEN JAMBS W/ 2-1/4" x 2-1/4" TRACK & 10" x 10" HOOD INSERTED INTO DRYWALL OP'G.

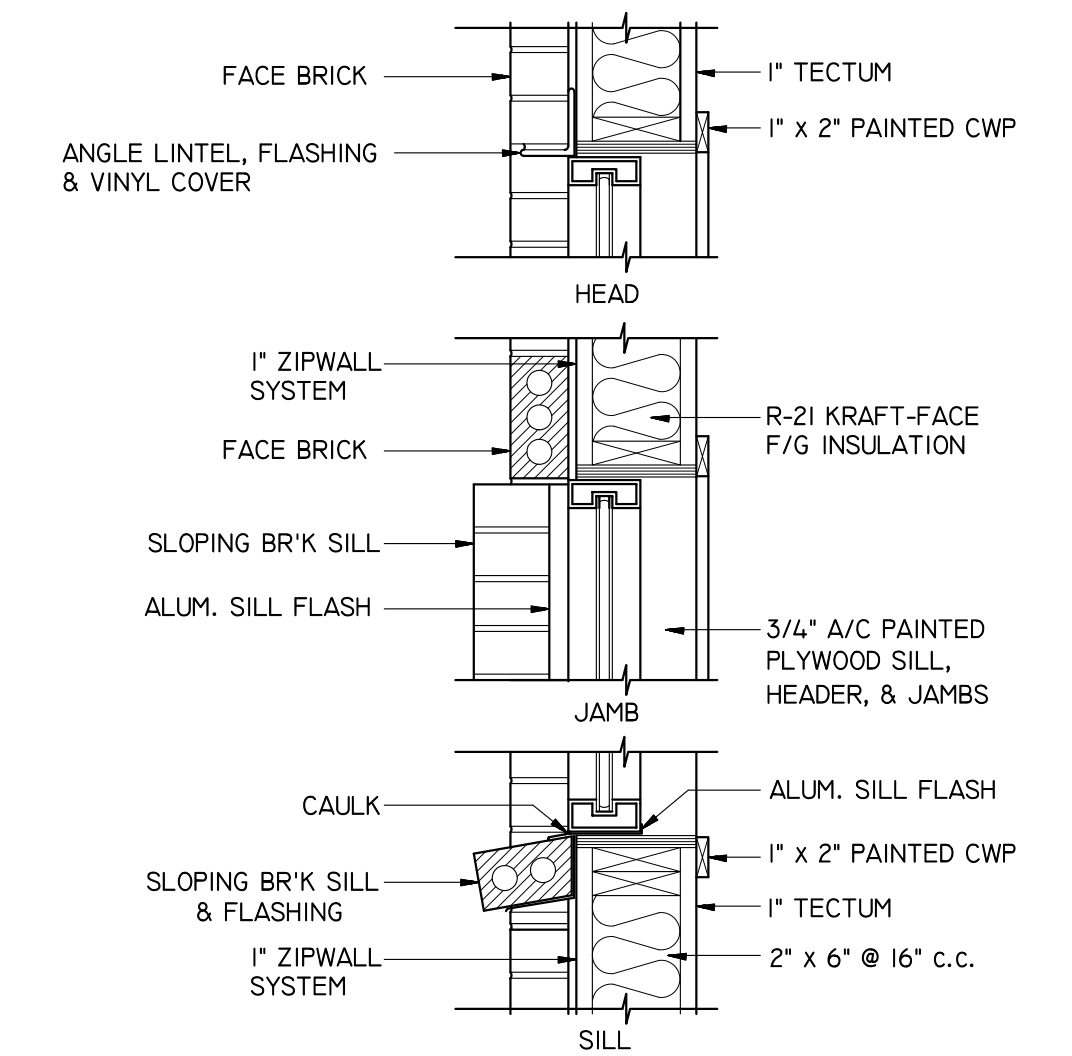
* DIMENSIONS SHOWN FOR WINDOWS B & C SHALL BE USED FOR NEW CONSTRUCTION AND ARE APPROX. FOR RETROFIT LOCATIONS. VERIFY FINAL DIMENSIONS FOR EXISTING OPENINGS.



JAMB TYPES

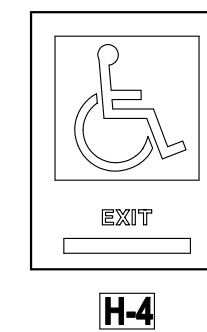
1" = 1'-0"

* STAINLESS STEEL BULLNOSE CORNER GUARD 2.5" x 2.5" x 72", 90 DEGREE, 16GA. TYPE 304, SATIN #4 (BRUSHED) FINISH, ROUNDED CORNERS W/ SELF-STICK TAPE (THECORNERGUARDSTORE.COM)



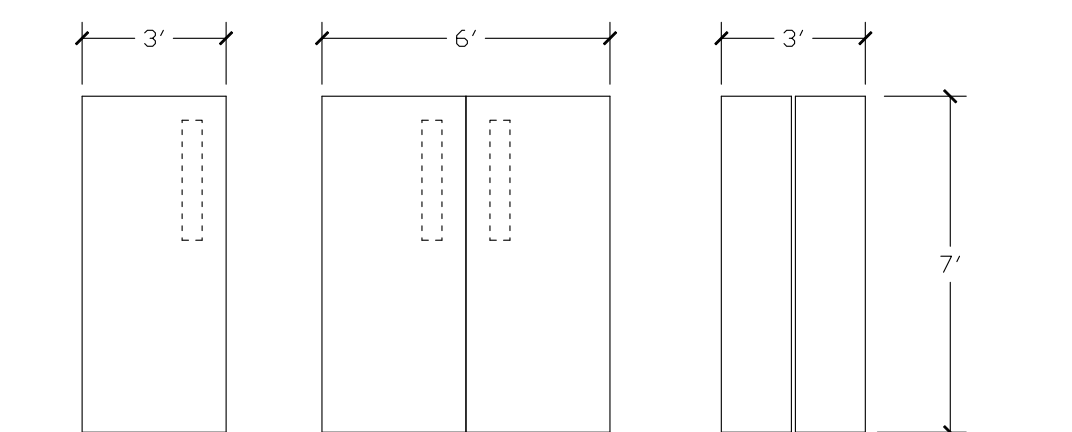
TYP "A" WINDOW

GYM 102 1" = 1'-0"



SEE FLOOR PLAN FOR LOCATIONS
NOTE: SIGNS SHALL BE IN ACCORD WITH ADAAG 4.30.1, 4.30.2, 4.30.3, 4.30.9 REQUIREMENTS

CONTRACTOR SHALL FURNISH AND INSTALL ACCESSIBLE SIGNAGE. SIGNAGE COLORS TO BE SELECTED BY OWNER.



DOOR TYPES

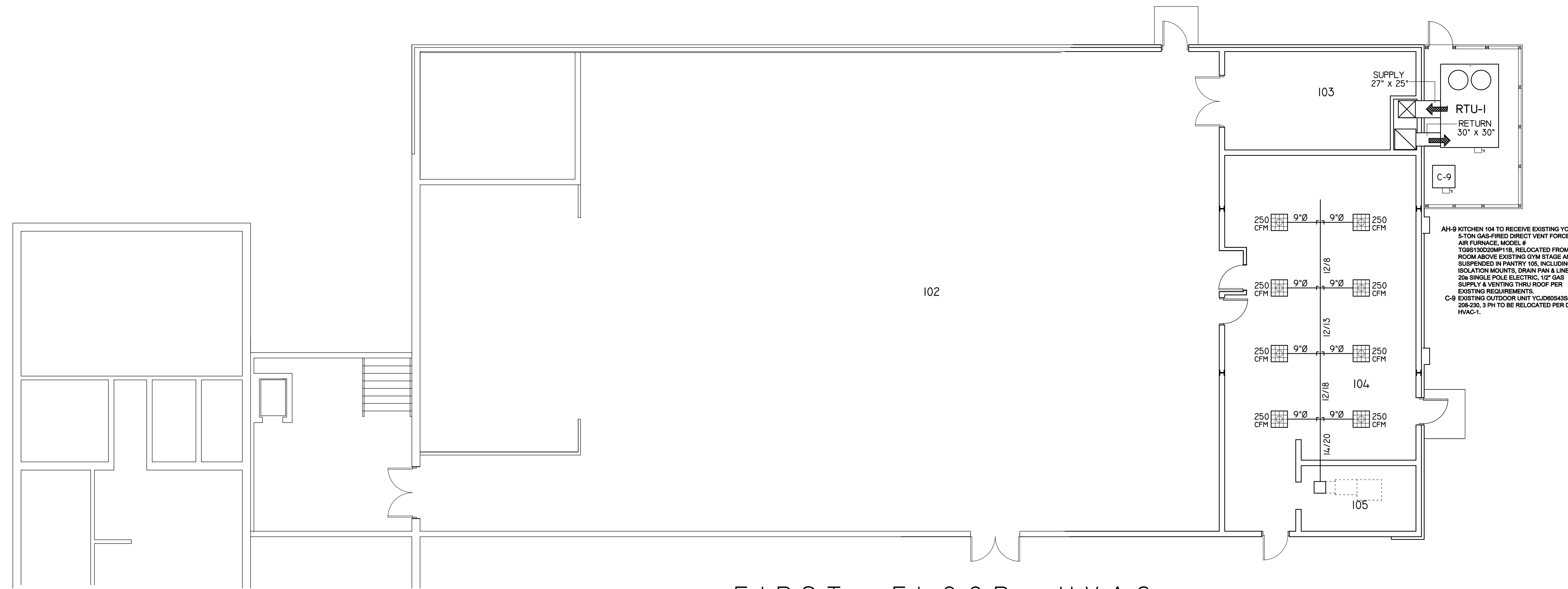
1/4" = 1'-0"

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(717) 360-0401 rfgal@centuraassociates.org

**PROPOSED ADDITION
OTTERBEIN UNITED BRETHREN CHURCH**
146 LEITERSBURG STREET
GREENCASTLE, PA 17225
SCHEDULES & DETAILS

PROJECT 1802-335
APPROVED
DRAWN BY
DATE
A-9

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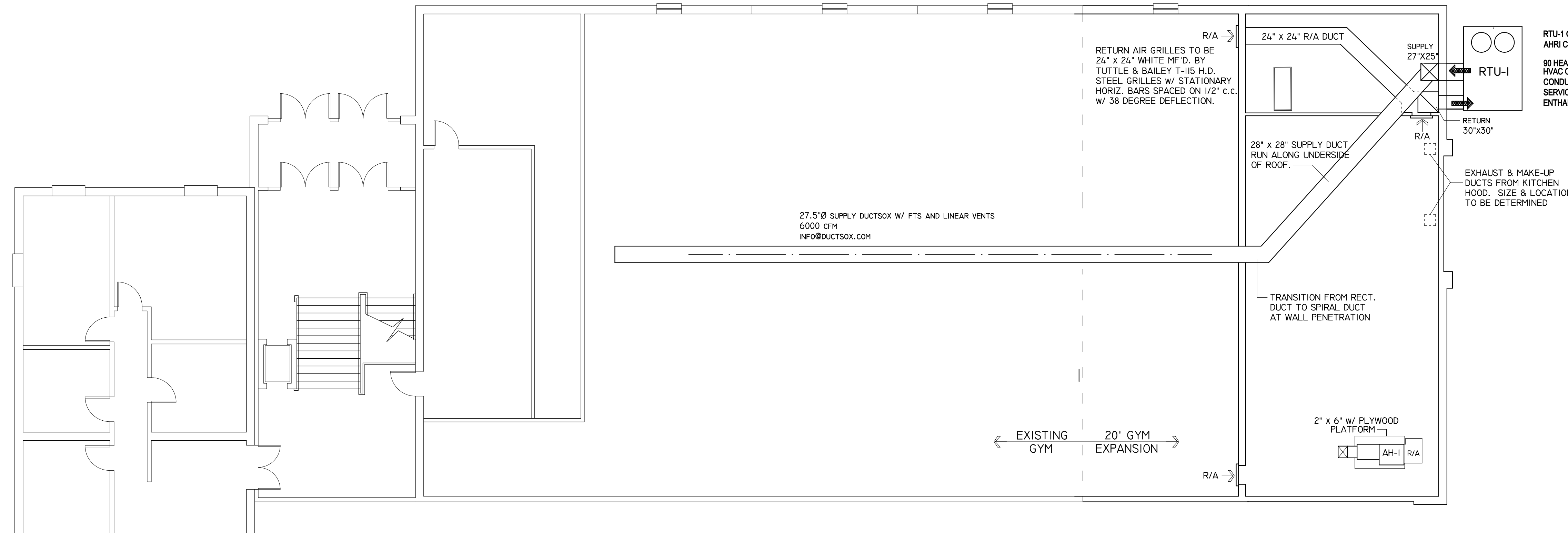
FIRST FLOOR HVAC

1/8" = 1'-0"

HVAC NOTES:

1. PROVIDE AN MHKI REMOTE CONTROLLER KIT AT DESIGNATED THERMOSTAT LOCATIONS FOR ALL UNITS.
2. ALL CONDENSATE PIPING SHALL BE SIZED IN ACCORDANCE WITH THE SPECIFIED DIAMETER AND SHALL BE CONCEALED TO GRADE.
3. ALL REFRIGERATED PIPING SHALL BE INSULATED AS REQUIRED BY THE EQUIPMENT MANUFACTURER.
4. ALL BRANCH DUCTS SHALL BE SUPPLIED WITH IN-LINE DAMPERS.
5. THE MECHANICS EMPLOYED IN THE WORK RELATED TO HEAT PUMP EQUIPMENT AND THEIR CONTROLS SHALL HAVE BEEN ENGAGED IN WORK OF THIS TYPE FOR A MINIMUM OF FIVE (5) YEARS.
6. ALL REFRIGERANT PIPING SHALL BE RUN CONCEALED. WHERE PIPING IS NOT ACCESSIBLE IN WALLS OR CHASES, IT SHALL BE RUN WITHOUT JOINTS.
7. SUPPLY DUCT IN CONDITIONED SPACES SHALL BE INSULATED TO A VALUE OF R-6.
8. FLEXIBLE ROUND DUCT SHALL BE FLEXMASTER TYPE 8M U/L 181, CLASS I AIR DUCT WITH REINFORCED METALIZED PROTECTIVE VAPOR BARRIER.
9. ALL DUCT AND HVAC INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN NFPA 90A, CURRENT EDITION. DUCT COVERINGS, DUCT LININGS, TAPES, AND CORE MATERIAL SHALL HAVE A FLAME SPREAD RATING NOT OVER 25, AND SMOKE DEVELOPMENT NOT OVER 50.
10. ALL SUPPLY DUCTS SHALL HAVE IN-LINE BALANCING DAMPERS AS DESCRIBED IN THE PROJECT SPECIFICATIONS. CONTRACTOR SHALL BALANCE EACH DUCTED SYSTEM AND PROVIDE A BALANCING REPORT INDICATING THE PROPER CFM OUTPUT AT EACH DIFFUSER.

AH-9 KITCHEN 104 TO RECEIVE EXISTING YORK STON GAS-FIRED DIRECT VENT FORCED AIR FURNACE, MODEL # T08S13020MP118, RELOCATED FROM ROOM ABOVE EXISTING GYM STAGE AND SUSPENDED IN PANTRY 105, INCLUDING ISOLATION MOUNTS, DRAIN PAN & LINE, 20# SINGLE POLE ELECTRIC, 1/2" GAS SUPPLY & VENTING THRU ROOF PER EXISTING REQUIREMENTS.
C-9 EXISTING OUTDOOR UNIT #Y08S06S86A 208-230, 3 PH TO BE RELOCATED PER DWG HVAC-1.



SECOND FLOOR HVAC

1/8" = 1'-0"

RTU-1 GYM TRANE #YHH180G3RHD ROOF TOP GAS HEAT WITH ELECTRIC AC 208-230 / 60 3Ø AHRI COOLING 180.62 MBH - IEER/SEER 14.00 - EER 12.1 - NOM. CFM 6000 - INPUT MCA 67 MOP
90 HEATING - NATURAL GAS OUTPUT 280 MBH - 14 3/4" GAS PIPE - PROVIDE ECONOMIZER
HVAC CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH LOCATED PER CODE AND W/P CONDUIT AND POWER TO THE EQUIPMENT. ELECTRICAL CONTRACTOR TO PROVIDE W/P GFI SERVICE OUTLET. LOW LEAK ECONOMIZER W/ BAROMETRIC RELIEF AND DIFFERENTIAL ENTHALPY CONTROL PLUS REMOTE POTENTIOMETER

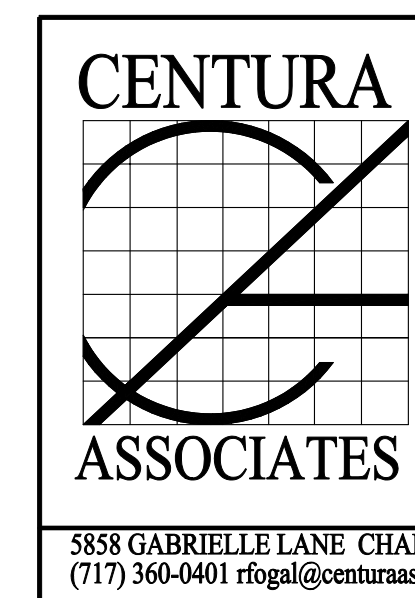
R/A RETURN AIR GRILLES TO BE 24" x 24" WHITE M.F.D. BY TUTTLE & BAILEY T-115 H.D. STEEL GRILLES W/ STATIONARY HORIZ. BARS SPACED ON 1/2" C.C. W/ 38 DEGREE DEFLECTION.

27.5'0" SUPPLY DUCTS W/ FTS AND LINEAR VENTS
6000 CFM
INFO@DUCTSOX.COM

EXHAUST & MAKE-UP DUCTS FROM KITCHEN HOOD. SIZE & LOCATION TO BE DETERMINED

2' x 6' w/ PLYWOOD PLATFORM

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PROPOSED ADDITION
OTTERBEIN UNITED BROTHERS CHURCH
146 LEITERSBURG STREET
GREENCASTLE, PA 17225
FIRST FLOOR HVAC PLAN

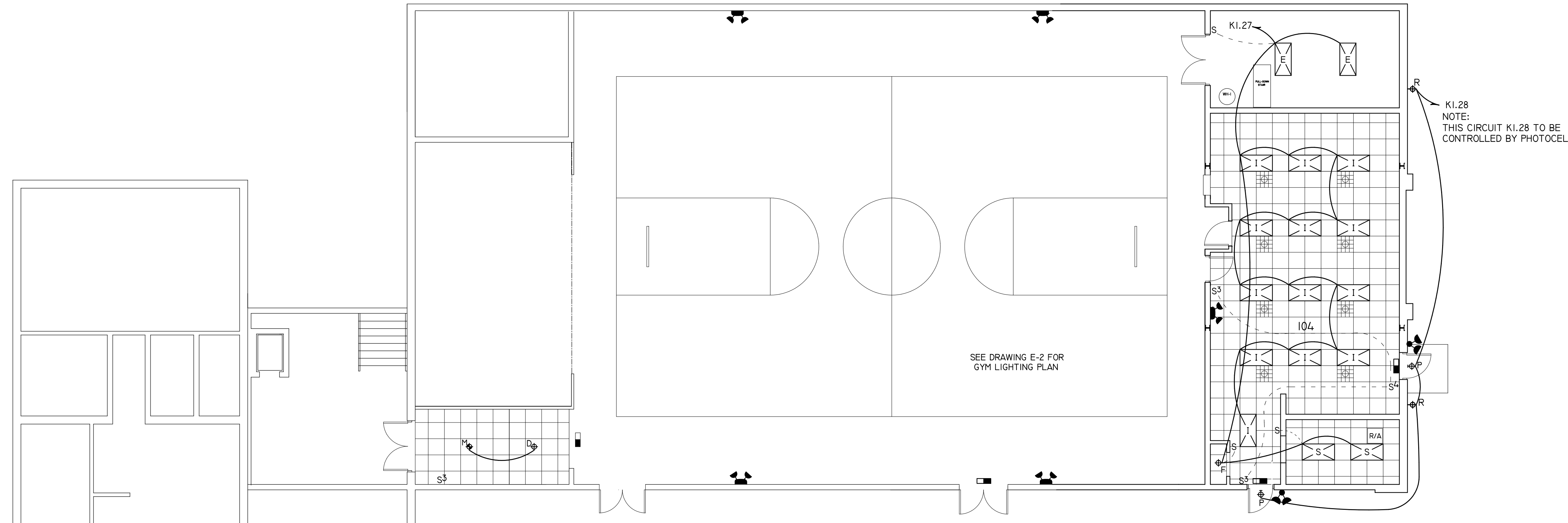
1802-335
HVAC
1

EMERGENCY LIGHTING SYSTEM

THE ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE EMERGENCY LIGHTING SYSTEM AS INDICATED ON THESE DRAWINGS, COMPLETE IN ALL RESPECTS AND IN STRICT ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL AGENCIES OF JURISDICTION.

- NOTE:
1. RECESSED "C" & "L" FIXTURES ARE TO BE INCLUDED IN THE EMERGENCY LIGHTING SYSTEM FOR THEIR DESIGNATED AREAS AND ARE PROVIDED WITH EMERGENCY BATTERY PACK OPTION
 2. EMERGENCY LIGHTING BATTERY UNITS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT SERVING THE AREA IN WHICH THEY ARE LOCATED.

- DUAL LED REMOTE HEAD AT EXTERIOR DOORS
- ILLUMINATED EXIT SIGN
- BATTERY PACK w/ REMOTE HEAD(S)



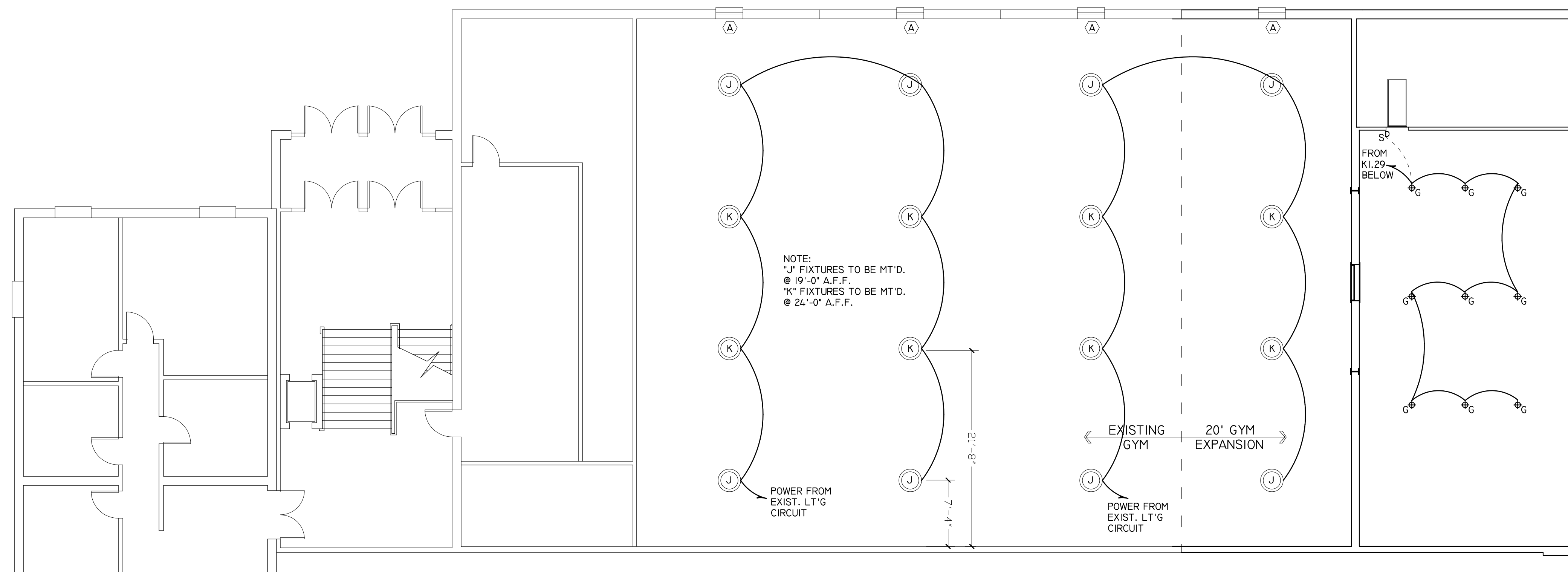
FIRST FLOOR LIGHTING PLAN

1/8" = 1'-0"

PP-1 400A. M.B. 120/208 3PH. 4W 30 POLES					
CK'T	BREAKER AMP	POLE	WIRE NO. SIZE	LOAD KW	DESCRIPTION
PI.1	225	3	4 4/0		KITCHEN PANEL KP-1
PI.2	90	3	4 3		RTU-1
PI.3	35	3	4 8		COMPRESSOR "C-1"
PI.4	20	1	2 12		INDOOR UNIT "AH-1"
PI.5	40	2	3 8	8.6	RM 102 SERVING TABLE PLUG
PI.6	40	2	3 8	8.6	RM 102 SERVING TABLE PLUG

NOTE: SCHEDULED WIRE SIZE IN PANEL SCHEDULES IS MINIMUM. E.C. SHALL VERIFY LENGTH OF RUN FOR ALL CIRCUITS AND PROVIDE WIRE SIZE AS REQUIRED TO MAINTAIN 1% MAX. VOLTAGE DROP FOR LIGHTING AND 2% MAX. FOR OTHER LOADS.

KP-1 225A. M.B. 120/208 3PH. 4W 42 POLES					
CK'T	BREAKER AMP	POLE	WIRE NO. SIZE	LOAD KW	DESCRIPTION
KI.1	20	1	2 12		REFRIGERATOR/FREEZER
KI.2	20	1	2 12		REFRIGERATOR/FREEZER
KI.3	20	1	2 12		REFRIGERATOR/FREEZER
KI.4	20	1	2 12		ICE MACHINE
KI.5	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.6	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.7	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.8	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.9	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.10	30	3	4		DISHWASHER
KI.11	50	3	4 8		HOT WATER BOOSTER
KI.12	20	1	2 12		DISHWASHER EXHAUST FAN
KI.13	20	1	2 12		EQUIPMENT CIRCUIT
KI.14	20	1	2 12		WH-1 GAS WATER HEATER
KI.15	50	2	3 8		CONVECTION STEAMER
KI.16	30	2	3 10		COFFEE MAKER
KI.17	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.18	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.19	20	1	2 12	1.6	APPLIANCE CIRCUIT
KI.20	20	1	2 12	1.0	MAKE UP AIR FAN
KI.21	20	1	2 12	1.2	HOOD EXHAUST FAN
KI.22	20	1	2 12	0.3	HOOD LIGHTS
KI.23	20	1	2 12		APPLIANCE CIRCUIT
KI.24	20	1	2 12		APPLIANCE CIRCUIT
KI.25	20	1	2 12		APPLIANCE CIRCUIT
KI.26	20	1	2 12		PROJECTOR CIRCUIT
KI.27	20	1	2 12		LT'S 103, 104, 105, 8LOFT
KI.28	20	1	2 12		CANOPY & EXT. ACCENT LTS.



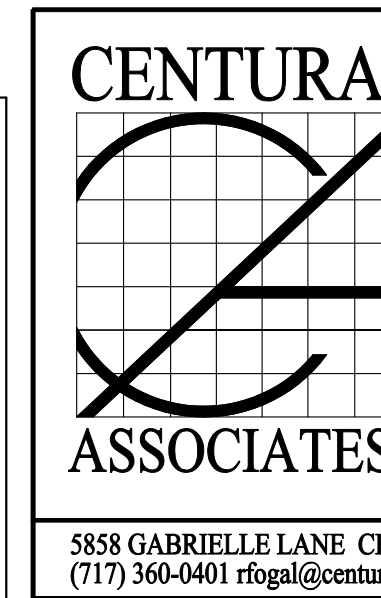
SECOND FLOOR LIGHTING PLAN

1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE							
MKD	DESCRIPTION	MANUFACTURER	CAT. NO.	#	LAMPING TYPE WATT	MOUNTING	REMARKS
E	SURFACE MOUNT	LITHONIA	LBL4W 6500LM 80CRI 35K NODIM MVOLT	1	LED 50.1	SURFACE	
F	RECESSED ROUND	LITHONIA	LDN4 35/15 L06AR LSS	1	LED 17.5	RECESSED	
G	PENDANT	LITHONIA	LDN6CYL 35/40 L06AR LSS EZ1 PM	1	LED 44.3	PENDANT	MOUNT 10'-0" A.F.F.
I	FLAT PANEL	LITHONIA	CPX 2X4 4000LM 40K M2	1	LED 40.0	RECESSED	
J	LED HIGH BAY	LITHONIA	JEBL 18L 40K 80CRI WH	1	LED 136.0	PENDANT	JEBLMTG 3/4" ADAPTER M12
K	LED HIGH BAY	LITHONIA	JEBL 24L 40K 80CRI WH	1	LED 181.6	PENDANT	JEBLMTG 3/4" ADAPTER M12
R	EXT. WALL BRACKET	PROGRESS	P5642-31/30K	2	LED 29.0	WALL MOUNT	WITH P8798 LENS COVER
S	FLAT PANEL	LITHONIA	CPX 2X4 3000LM 40K M2	1	LED 40.0	RECESSED	

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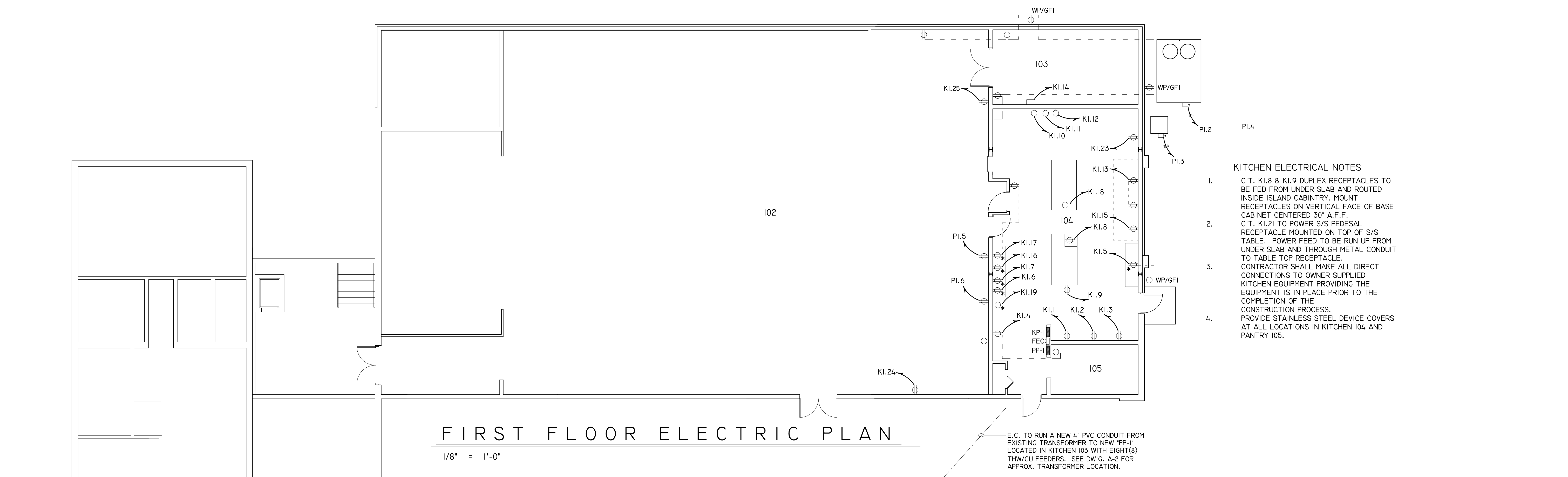


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FIRST FLOOR LIGHTING PLAN

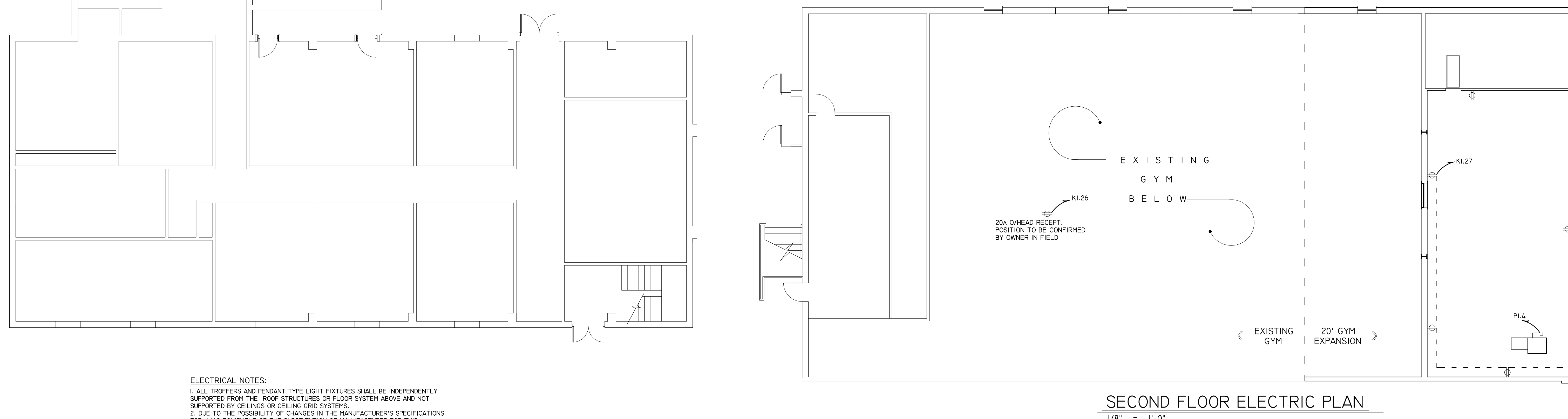
PROJECT 1802-335
APPROVED
DRAWN BY
DATE
E-1

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- KITCHEN ELECTRICAL NOTES**
1. C.T. KI.8 & KI.9 DUPLEX RECEPTACLES TO BE FED FROM UNDER SLAB AND ROUTED INSIDE ISLAND CABINTRY. MOUNT RECEPTACLES ON VERTICAL FACE OF BASE CABINET CENTERED 30" A.F.F.
 2. C.T. KI.21 TO POWER S/S PEDESAL RECEPTACLE MOUNTED ON TOP OF S/S TABLE. POWER FEED TO BE RUN UP FROM UNDER SLAB AND THROUGH METAL CONDUIT TO TABLE TOP RECEPTACLE.
 3. CONTRACTOR SHALL MAKE ALL DIRECT CONNECTIONS TO OWNER SUPPLIED KITCHEN EQUIPMENT PROVIDING THE EQUIPMENT IS IN PLACE PRIOR TO THE COMPLETION OF THE CONSTRUCTION PROCESS.
 4. PROVIDE STAINLESS STEEL DEVICE COVERS AT ALL LOCATIONS IN KITCHEN 104 AND PANTRY 105.

FIRST FLOOR ELECTRIC PLAN
1/8" = 1'-0"



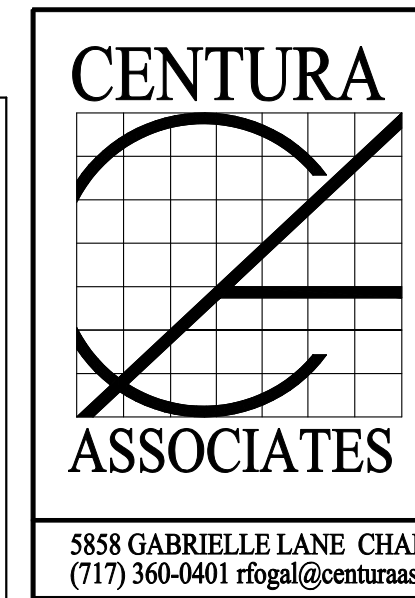
SECOND FLOOR ELECTRIC PLAN
1/8" = 1'-0"

- ELECTRICAL NOTES:**
1. ALL TROFFERS AND PENDANT TYPE LIGHT FIXTURES SHALL BE INDEPENDENTLY SUPPORTED FROM THE ROOF STRUCTURES OR FLOOR SYSTEM ABOVE AND NOT SUPPORTED BY CEILINGS OR CEILING GRID SYSTEMS.
 2. DUE TO THE POSSIBILITY OF CHANGES IN THE MANUFACTURER'S SPECIFICATIONS FOR HVAC EQUIPMENT OR THE SUBSTITUTION OF MANUFACTURER FOR THIS EQUIPMENT, THE ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE/PHASE, WIRE, CONDUIT, AND BREAKERS OR FUSES REQUIRED BY THE EQUIPMENT WITH THE HVAC CONTRACTOR PRIOR TO THE PURCHASE AND INSTALLATION OF SAME. THE SCHEDULE SHALL BE USED FOR BIDDING PURPOSES AND WHERE REVISIONS ARE NECESSARY, CHANGES WILL BE MADE BY CHANGE ORDER.
 3. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE HVAC AND PLUMBING DRAWINGS FOR EQUIPMENT FURNISHED BY OTHER TRADES REQUIRING FINAL CONNECTIONS BY THE ELECTRICAL CONTRACTOR.
 4. POWER WIRING UNDER GROUND, CONCRETE, OR PAVING SHALL BE IN PVC CONDUIT.
 5. RECEPTACLES DENOTED WITH AN ASTERISK (*) SHALL BE LOCATED 48" ABOVE FINISH FLOOR.
 6. FIRE ALARM, SECURITY, PHONE, & DATA SHALL BE UNDER SEPARATE CONTRACT BY OWNER. ANY ADDITIONAL WORK REQUIRED TO ACCOMMODATE THESE TRADES SHALL BE CONSIDERED AS EXTRA AND WILL BE ADDED TO THE CONTRACT VIA CHANGE ORDER.

ELECTRIC HEATER SCHEDULE						
MKD	MANUFACTURER	CAT. NO.	VOLT/PH	KW	AMPS	REMARKS
H-1	QMARK	AWHL404F	240/1	4.0	16.7	TRANS. RELAY & WALL T-STAT.
H-2	QMARK	CP752F	240/1	0.75	3.1	LINE VOLTAGE WALL T-STAT

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FIRST FLOOR ELECTRIC PLAN

PROJECT	1802-335
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DATE	
E-2	