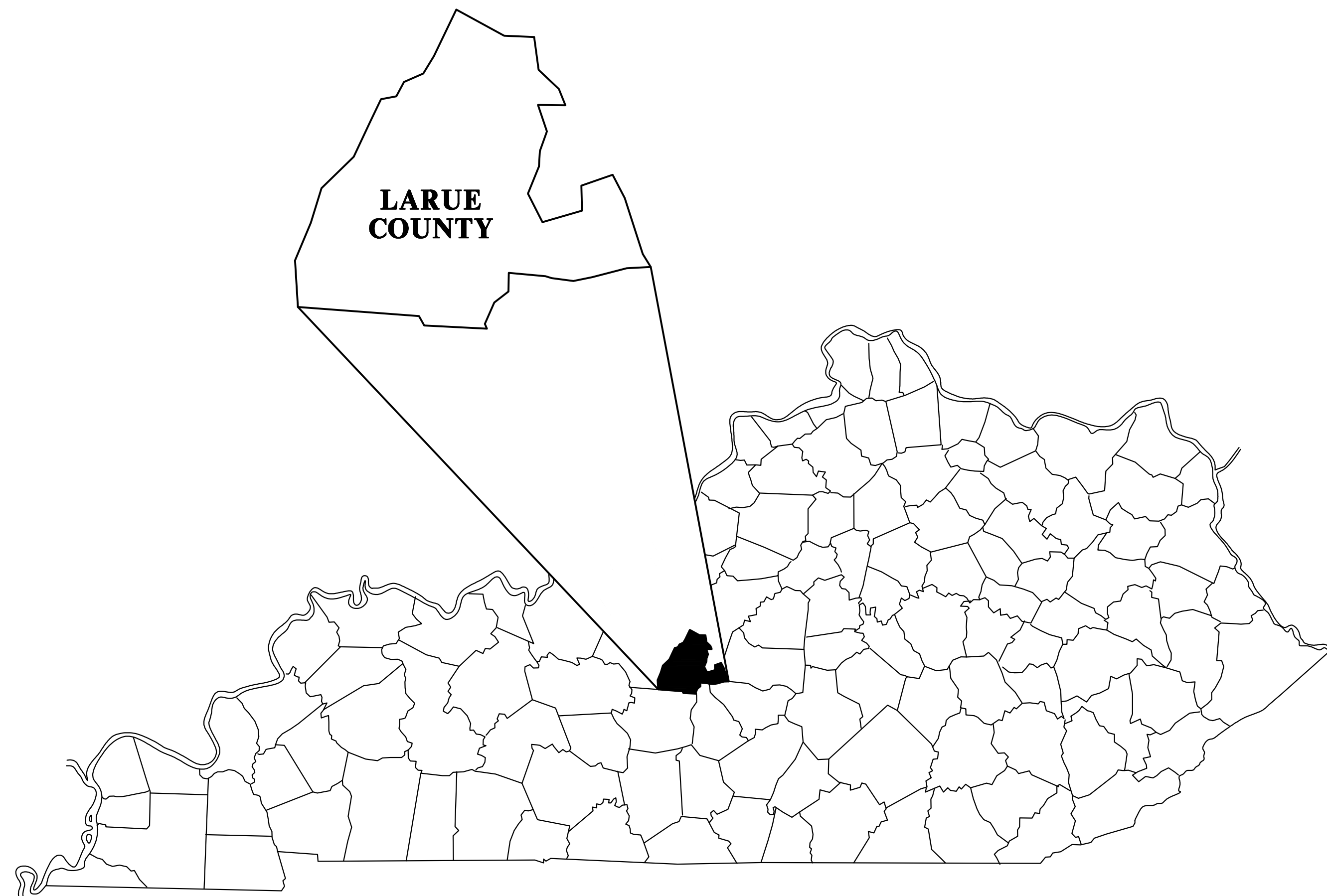


LCWD 2020 OFFICE BUILDING LARUE COUNTY #1 WATER DISTRICT LARUE COUNTY, KENTUCKY CONTRACT II - OFFICE BUILDING



STATEMENT OF SPECIAL INSPECTIONS

PROJECT: LARUE COUNTY WATER DISTRICT #1 OFFICE
LOCATION: HODGENVILLE, KENTUCKY LARUE COUNTY
CASE #: ----
COMMISSION #: 2628

SPECIAL INSPECTION:	ITEM OF CONSTRUCTION	TYPE OF INSPECTION	REQUIRED * (Y/N/NA)	INSPECTOR
1. EARTH WORK	A. EXCAVATION	VISUAL	Y	RS WHITAKER
	B. COMPACTION	PROCTOR	NA	
	C. BACKFILL	VISUAL	Y	RS WHITAKER
2. CONCRETE	A. REINFORCEMENT STEEL	VISUAL	Y	RS WHITAKER
	B. CONCRETE MIX	SLUMP TEST	Y	RS WHITAKER
	C. CONCRETE PLACEMENT	VISUAL	Y	RS WHITAKER
	D. CONCRETE STRENGTH	TEST CYLINDERS	Y	RS WHITAKER
3. MASONRY	A. MATERIALS	VISUAL	Y	RS WHITAKER
	B. REINFORCEMENT	VISUAL	Y	RS WHITAKER
	C. WORKMANSHIP	VISUAL	Y	RS WHITAKER
4. CARPENTRY	A. MATERIALS	VISUAL	Y	RS WHITAKER
	B. FASTENERS, TYPE, SIZE, NUMBER	VISUAL	Y	RS WHITAKER
	C. ANCHORS	VISUAL	Y	RS WHITAKER
	D. PRE-FABRICATED MEMBERS	IN-PLANT TESTING	Y	RS WHITAKER
	E. SEISMIC CONNECTORS	VISUAL	Y	RS WHITAKER
5. STEEL	A. MATERIALS	VISUAL	Y	RS WHITAKER
	B. CONNECTORS	VISUAL	Y	RS WHITAKER
	C. PRE-FABRICATED MEMBERS	IN-PLANT TESTING	Y	MANUFACTURER
	D. SEISMIC CONNECTORS	VISUAL	Y	RS WHITAKER
6. EXTERIOR INSULATION & FINISH SYSTEM (EIFS)		VISUAL	NA	
7. SMOKE CONTROL SYSTEM		SMOKE TEST	NA	
8. SEISMIC	A. SEISMIC FORCE RESISTING SYSTEM	VISUAL	Y	RS WHITAKER
	B. HVAC DUCTWORK	VISUAL	NA	
	C. PIPING SYSTEM	VISUAL	NA	

* Y = YES N = NO NA = NOT APPLICABLE OR NOT REQUIRED BY EXCEPTION, KBC 2018
NOTE: R.S. WHITAKER IS AN INTERNATIONAL CODE COUNCIL CERTIFIED INSPECTOR

DRAWING INDEX

SHEET NO.	TITLE
T-1	TITLE SHEET
C-1	EXISTING & PROPOSED GRADING PLAN
C-2	PROPOSED SITE DEVELOPMENT PLAN
F-1	FOOTING, FOUNDATION WALL & FLOOR SLAB PLAN
F-2	FOOTING, FOUNDATION WALL & FLOOR SLAB DETAILS
S-1	BUILDING SECTION & WALL FRAMING DETAILS
S-2	ROOF FRAMING PLAN
S-3	ROOF FRAMING DETAILS
S-4	MEZZANINE & STAIR FRAMING DETAILS
A-1	ARCHITECTURAL FLOOR PLAN
A-2	BUILDING ELEVATIONS
A-3	BUILDING ELEVATIONS
A-4	ROOF PLAN
A-5	DOOR, FINISH & WINDOW SCHEDULES
M-1	MECHANICAL FLOOR PLAN
P-1	PLUMBING FLOOR PLAN
P-2	PLUMBING FIXTURE DETAILS & WASTE & VENT RISER DIAGRAM
E-1	ELECTRICAL POWER DISTRIBUTION PLAN
E-2	LIGHTING PLAN
E-3	ELECTRICAL PANEL SCHEDULES

BUILDING DESIGN PARAMETERS

PROJECT: LARUE COUNTY WATER DISTRICT #1 OFFICE
LOCATION: HODGENVILLE, KENTUCKY LARUE COUNTY
CASE #: ----
COMMISSION #: 2628

USE GROUPS: B, OFFICE
F-1, GARAGE

CONSTRUCTION TYPE: 2B, NON-COMBUSTIBLE, UNPROTECTED

BUILDING AREA:
ALLOWED AREA: B = 9,000 S.F., F-1 = 8,500 S.F.
ACTUAL AREA: B = 4,216 S.F., F-1 = 4,836 S.F.

BUILDING HEIGHT:
ALLOWED HEIGHT: B: 2 STORY, 40'-0"; F-1: 1 STORY, 40'-0"
ACTUAL HEIGHT: B: 1 STORY, 25'-6"; F-1: 1 STORY, 33'-8"

FLOOR LIVE LOAD: 100 PSF FIRST FLOOR
80 PSF MEZZANINE
20 PSF

ROOF LIVE LOAD: 20 PSF

FROST DEPTH: 24"

ROOF LOAD:
GROUND SNOW LOAD (Pg): 15 PSF
FLAT ROOF SNOW LOAD (Pf): N/A
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR (Ci): 1.1
ROOF UPLIFT RATING: UL 90

WIND LOAD:
ULTIMATE WIND SPEED: 115 MPH
BUILDING CATEGORY: B
IMPORTANCE FACTOR (Iw): 1.15
WIND EXPOSURE CATEGORY: B
COMPONENT & CLADDING WIND PRESSURE: 10, (-) 19.5

EARTHQUAKE LOADS:
SEISMIC DESIGN CATEGORY: B - (LARUE COUNTY)
SEISMIC USE GROUP: II
SHORT PERIOD SPECTRAL RESPONSE ACCELERATION (Sd1): 0.192
1 PERIOD SPECTRAL RESPONSE ACCELERATION (Sd1): 0.152
SITE CLASS: C. DENSE SOIL & SOFT ROCK
BASIC SEISMIC-FORCE-RESISTING SYSTEM: ORDINARY CONCENTRICALLY BRACED STEEL FRAME
RESPONSE MODIFICATION FACTOR (R): 3.00
SEISMIC RESPONSE COEFFICIENT (Cs): 0.064
SEISMIC BASE SHEAR: 10.1 KIPS
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE METHOD

FLOOD LOADS: NA, NOT IN A FLOOD HAZARD AREA PER FEMA "FIRM" MAP

FIRE PROTECTION SYSTEM: NOT REQUIRED
SECTION 903 KBC 2018

FIRE BARRIER WALL: 2 HOUR FIRE RESISTIVE RATED PER UL DESIGN U905

FIRE ALARM & DETECTION SYSTEM: MANUAL FIRE ALARM & SMOKE DETECTOR SYSTEM

CORRIDOR & STORAGE ROOM WALLS: 1 HOUR FIRE RESISTIVE RATE PER UL DESIGN

CORRIDOR & STORAGE ROOM CEILINGS: 1 HOUR FIRE RESISTIVE RATE PER UL DESIGN

WHITAKER 2

1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

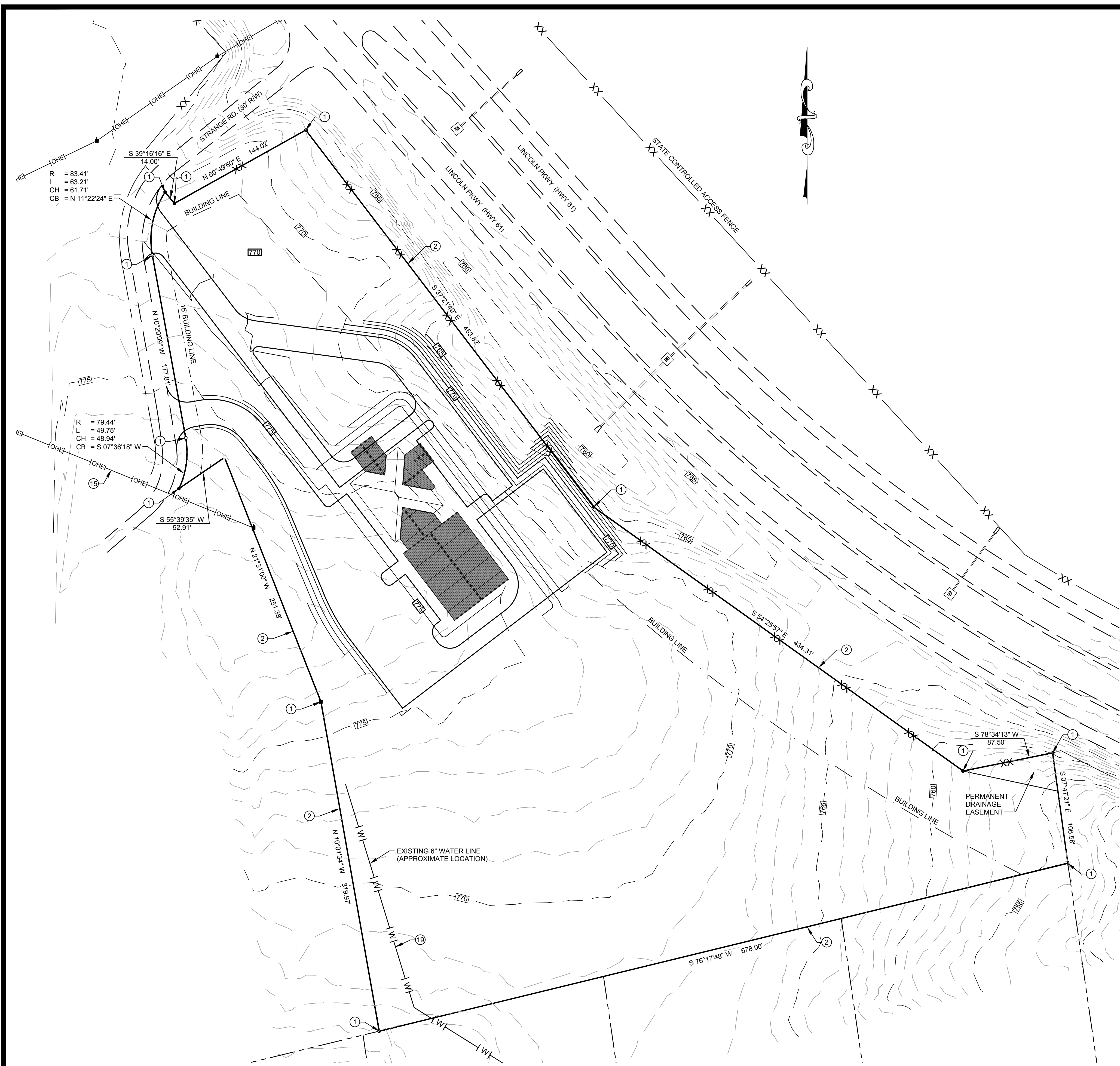
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MAY 2020

CT **CANN-TECH, LLC**
Engineers · Planners · Managers
1100 Glensboro Road
Lawrenceburg, KY 40342
Phone (502) 859-0907
Fax (502) 859-0668



○ SITE DEVELOPMENT NOTES:

1. PROPERTY CORNER
2. PROPERTY LINE
3. EXISTING ROAD
4. EXISTING HIGHWAY
5. NEW DRIVEWAY ENTRANCE
6. NEW DRAINAGE CULVERT
7. NEW DRIVEWAY
8. NEW CURB. SEE SHEET A-1
9. NEW SIDEWALK. SEE SHEET A-1
10. NEW PARKING AREA. SEE SHEET A-1
11. NEW TRUCK ACCESS AREA
12. NEW CHAIN LINK FENCE
13. NEW CHAIN LINK GATE
14. NEW GRASS AREA
15. EXISTING OVERHEAD ELECTRICAL
16. EXISTING UTILITY POLE
17. NEW UNDERGROUND PRIMARY ELECTRICAL SERVICE
18. NEW ELECTRICAL TRANSFORMER & PAD. SEE SHEET E-1
19. EXISTING WATER LINE
20. NEW WATER METER
21. NEW 2" DOMESTIC WATER LINE
22. CONNECT NEW WATER LINE TO EXISTING WATER LINE
23. NEW 4" SANITARY SEWER LATERAL
24. NEW 200 GALLON GREASE TRAP. SEE SHEET F-2
25. NEW NATURAL GAS SERVICE
26. NEW GAS METER
27. NEW CLEAN OUT
28. NEW 1500 GALLON SEPTIC TANK
29. NEW LATERAL LINES. 4 @ 100 L.F. EACH

UTILITY & STORM DRAINAGE NOTES:

1. BEFORE BEGINNING ANY SITE WORK THE CONTRACTOR MUST CONTACT "BEFORE YOU DIG" 1-800-752-6007 TO LOCATE ALL EXISTING UNDERGROUND UTILITIES.
2. VERIFY LOCATION OF ALL UNDERGROUND UTILITIES & STORM DRAINS WHETHER SHOWN ON THIS DRAWING OR NOT.
3. DO NOT CONSTRUCT NEW BUILDING OVER ANY UTILITY OR STORM DRAIN. RELOCATE EXISTING UTILITIES & STORM DRAINS AS NECESSARY.
4. PROTECT ALL EXISTING UTILITIES & STORM DRAINS THAT ARE TO REMAIN.
5. REPAIR AND/OR REPLACE ANY EXISTING UTILITY OR STORM DRAIN DAMAGED DURING CONSTRUCTION OF NEW BUILDING & RELATED SITE & UTILITY WORK.

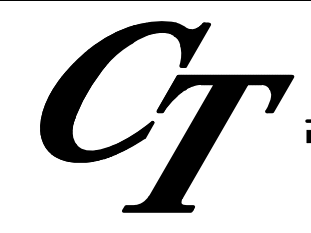
WHITAKER 2
 1860 FRANKFORT ROAD
 SHELBYVILLE, KENTUCKY 40065
 502-633-4981 / 502-633-0377

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NO.	DATE	REVISIONS	DATE	APPR'D	DATE

PROJECT: 467 DATE: 05/28/2020
 SCALE: 1" = 50'

DESIGNED BY: RSW
 DRAWN BY: JH
 CHECKED BY: RSW
 RECORD DRAWINGS



CANN-TECH, LLC
 Engineers · Planners · Managers

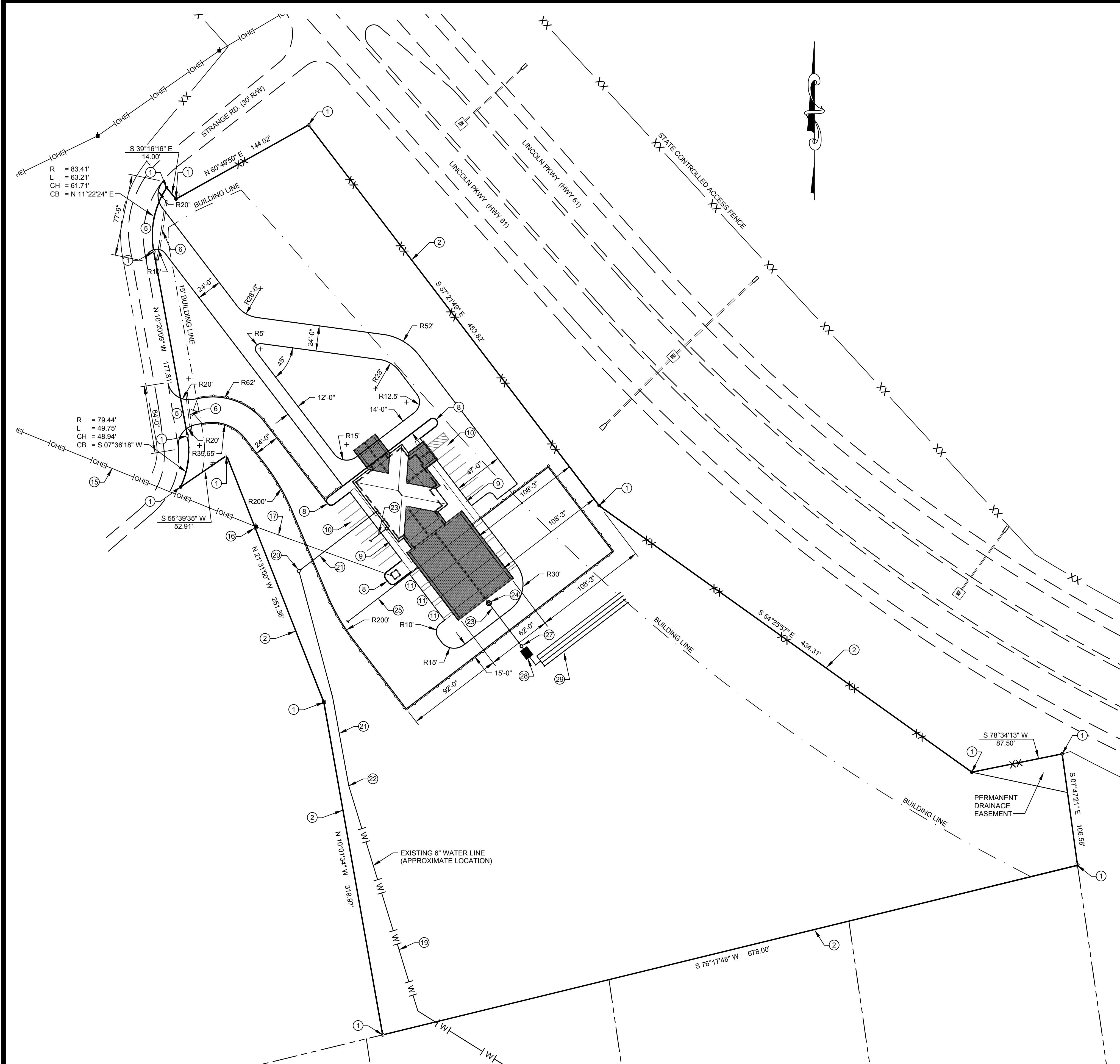
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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY

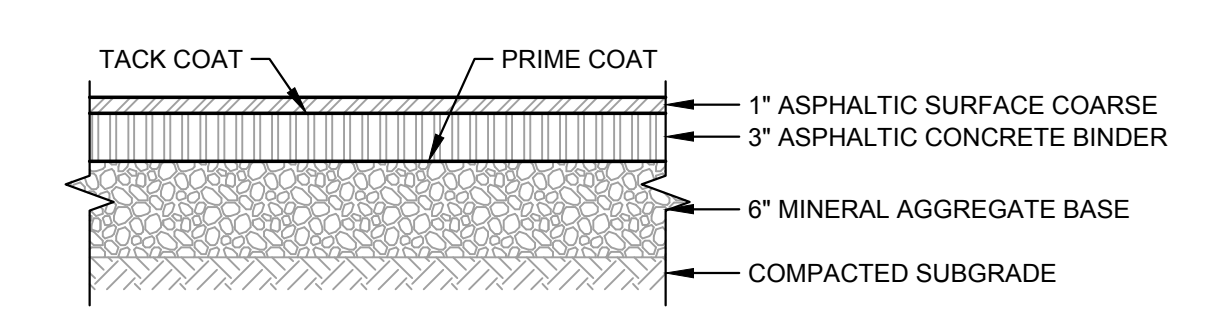
EXISTING & PROPOSED GRADING PLAN

SHEET
 C-1
 OF
 2



- SITE DEVELOPMENT NOTES:**
- PROPERTY CORNER
 - PROPERTY LINE
 - EXISTING ROAD
 - EXISTING HIGHWAY
 - NEW DRIVEWAY ENTRANCE
 - NEW DRAINAGE CULVERT
 - NEW DRIVEWAY
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HEAVY DUTY PAVEMENT DETAIL
SCALE: N.T.S.

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1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
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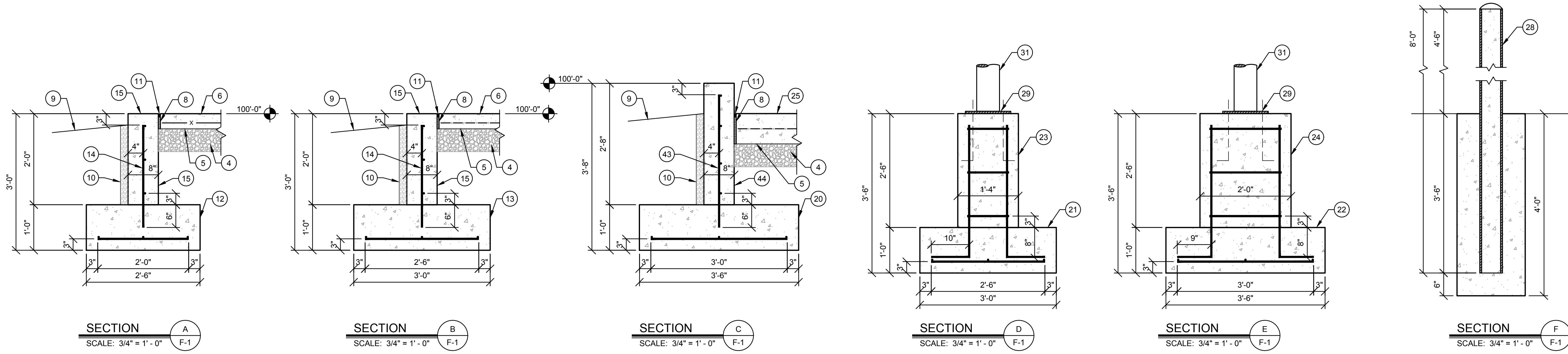
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**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

PROPOSED SITE DEVELOPMENT PLAN

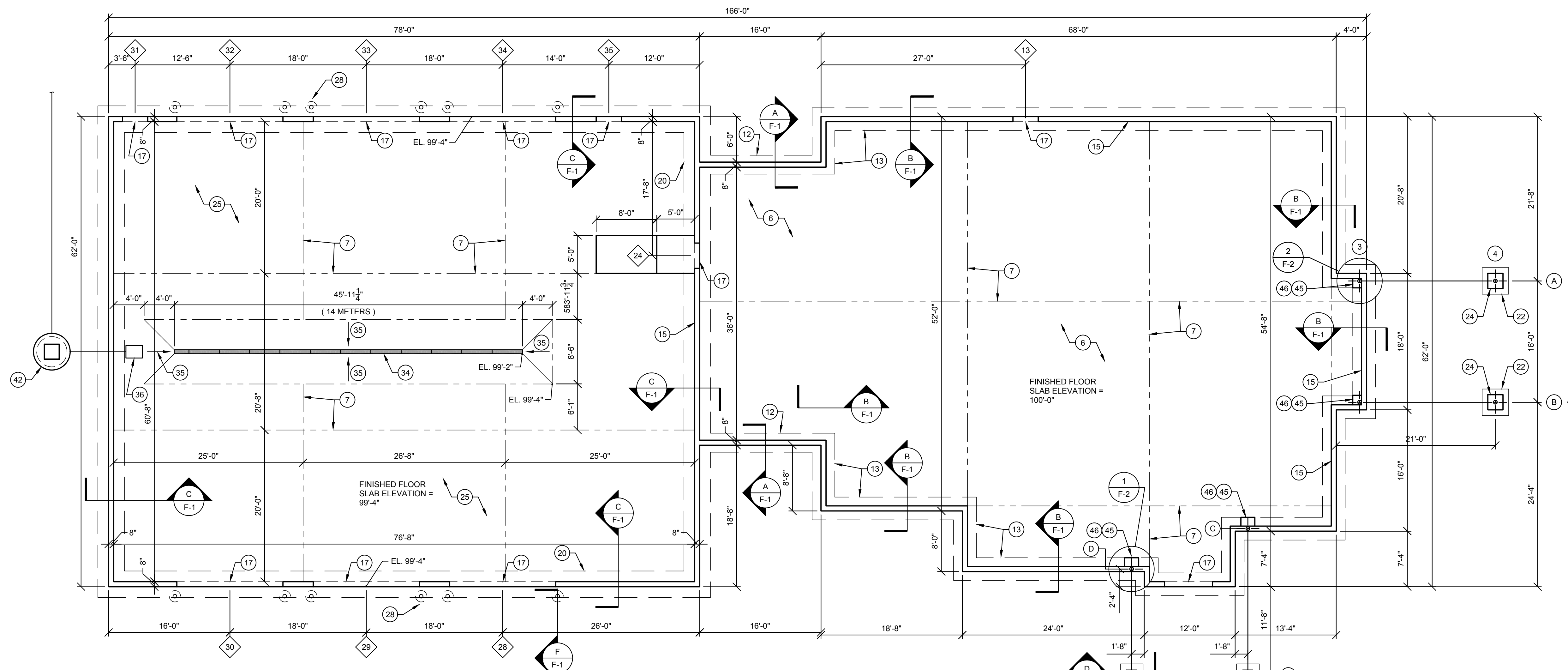
SHEET
C-2
OF
2



NOTE:
TOP OF ALL FOUNDATION WALLS INCLUDING THOSE OF THE GARAGE SHALL BE ELEVATION 100'-0".

FOOTINGS, FOUNDATION & FLOOR SLAB NOTES:

- ALL CONCRETE MUST BE 4,000 P.S.I.
- TOP OF ALL FOOTINGS MUST BE A MINIMUM 24" BELOW FINISHED GRADE. DO NOT PLACE CONCRETE ON WET OR FROZEN GROUND.
- MINIMUM SOIL BEARING CAPACITY IS 2,000 P.S.F. NOTIFY WHITAKER 2 IMMEDIATELY IF NOT ENCOUNTERED.
- 6" DEEP, COMPACTED D.G.A. BASE.
- CLASS 1, 0.1 PERM OR LESS, 6 MIL. POLYETHYLENE VAPOR BARRIER.
- 4" THICK CONCRETE FLOOR SLAB REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 WELDED WIRE FABRIC (W.W.F.). USE FLAT SHEETS. DO NOT USE ROLLED W.W.F.
- SAW-CUT 1/4" x 1/4" EXPANSION JOINTS WHERE SHOWN ON DRAWINGS.
- INSTALL 1/2" EXPANSION JOINT MATERIAL AROUND ALL PIPING & OTHER ITEMS PENETRATING FLOOR SLAB.
- SLOPE FINISHED GRADE AWAY FROM CONCRETE FLOOR SLAB PERIMETERS.
- 2" x 24" RIGID STYROFOAM PERIMETER INSULATION BOARD. INSTALL VERTICALLY OR EXTERIOR FACE OF ALL FOUNDATION WALLS.
- WATERPROOF SEALANT.
- 12" x 30" CONCRETE FOOTING REINFORCED WITH 3 #4 @ CONTINUOUS & #4 @ 14" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- 12" x 36" CONCRETE FOOTING REINFORCED WITH 3 #4 @ CONTINUOUS & #4 @ 14" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- #4 @ 27" VERTICAL DOWEL @ 16" O.C. EMBEDDED 6" INTO 12" x 24" & 12" x 30" FOOTING.
- 8" x 24" CONCRETE FOUNDATION WALL REINFORCED WITH VERTICAL #4 DOWEL @ 16" O.C. & 3 #4 @ HORIZONTALLY.
- MAINTAIN 3" MINIMUM CLEARANCE BETWEEN FACE OF CONCRETE & REINFORCING UNLESS OTHERWISE NOTED.
- NOTCH FOUNDATION WALL & POUR FLOOR SLAB THRU DOOR OPENING.
- 4" THICK CONCRETE PORCH SLAB REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 W.W.F.
- 4" THICK CONCRETE SIDEWALK REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 W.W.F.
- 12" x 42" CONCRETE FOOTING REINFORCED WITH 3 #5 @ CONTINUOUS & #4 @ 12" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- 12" x 36" x 36" CONCRETE FOOTING REINFORCED WITH 3 #4 @ EACH WAY.
- 12" x 42" x 42" CONCRETE FOOTING REINFORCED WITH 3 #5 @ EACH WAY.
- 16" x 30" CONCRETE COLUMN PIER REINFORCED WITH 4 #4 @ 35" x 12" BENT LEG DOWEL WITH #3 TIES @ 12" O.C.
- 24" x 24" x 30" CONCRETE COLUMN PIER REINFORCED WITH 4 #4 @ 35" x 12" BENT LEG DOWEL WITH #3 TIES @ 12" O.C.
- 8" THICK CONCRETE FLOOR SLAB REINFORCED WITH #5 @ 14" O.C. EACH WAY.
- COORDINATE & VERIFY CONDITIONS & DIMENSIONS SHOWN ON THIS SHEET WITH THOSE SHOWN ON SHEET A-1.
- DO NOT BEND REINFORCING STEEL @ CORNERS OF FOOTINGS. INSTALL PRE-BENT 24" x 24" CORNER BARS.
- 6" @ x 18.87 PLF STEEL PIPE BOLLARD. FILL WITH CONCRETE & EMBED IN 18" @ CONCRETE CAISSON FOOTING.
- 3/4" x 12" x 12" STEEL BASE PLATE WITH FOUR HOLES @ 3/4" @ FOR 5/8" @ x 16" x 1" HOOK ANCHOR BOLTS. EMBED ANCHOR BOLTS 1'-2 3/8" INTO CONCRETE PIER.
- 4" @ x 10.79 PLF STEEL COLUMN.
- 6" @ x 18.97 PLF STEEL COLUMN.
- 4'-0" x 5'-0" CONCRETE LANDING. FINISHED ELEVATION = 100'-0".
- 5'-0" x 8'-0" CONCRETE RAMP DOWN. SLOPE RAMP @ 1" PER FOOT. UPPER END OF RAMP ELEVATION = 100'-0". LOWER END OF RAMP ELEVATION = 99'-4".
- POLYDRAIN, INC. OR APPROVED EQUAL MODULAR, PRE-ENGINEERED, PRE-CAST POLYMER CONCRETE FLOOR DRAINAGE SYSTEM COMPLETE WITH SLOTTED CAST IRON GRATING RATED FOR 60 TON VEHICLE AXLE LOADS & ALL ACCESSORY ITEMS FOR A COMPLETE FLOOR DRAINAGE SYSTEM.
- SLOPE FLOOR @ 1/2" PER FOOT TO DRAIN GRATING.
- FLOOR DRAIN CATCH BASIN.
- PRE-CAST CONCRETE GREASE TRAP.
- SEE SHEET P-2 FOR GREASE TRAP DETAILS.
- SEE SHEET P-2 FOR FLOOR DRAIN, CATCH BASIN & GREASE TRAP PLUMBING DETAILS.
- SEE SHEET P-1 FOR LOCATION OF PLUMBING FIXTURES & WASTE PIPING THAT PENETRATE FLOOR SLABS.
- SEE SHEET P-1 FOR IN FLOOR GREASE TRAP LOCATIONS & SHEET P-2 FOR DETAILS.
- PRE-CAST CONCRETE GREASE TRAP. SEE SHEETS F-2 & P-2 FOR DETAILS.
- #4 @ 35" VERTICAL DOWEL @ 16" O.C. EMBEDDED 6" INTO 12" x 36" FOOTING.
- 8" x 32" CONCRETE FOUNDATION WALL REINFORCED WITH VERTICAL #4 @ DOWEL @ 16" O.C. & 4 #4 @ HORIZONTALLY.
- 1'-10" x 1'-10" x 1'-6" CONCRETE PIER FOR BEARING 6" @ STEEL COLUMN WITH 3/4" x 12" x 12" STEEL BASE PLATE WITH 4 HOLES @ 3/4" @ FOR 5/8" x 16" x 1" HOOK ANCHOR BOLTS. NOTCH FOUNDATION WALL 6" SO THAT COLUMN BASE PLATE IS ELEVATION 99'-6".
- NOTCH FOUNDATION WALL 6" FOR COLUMN & BASE PLATE INSTALLATION. AFTER COLUMN & BASE PLATE ARE INSTALLED POUR CONCRETE FLOOR SLAB THRU NOTCH.
- SPLICES IN THE REINFORCING STEEL SHALL BE LAPPED 40 TIMES THE DIAMETER OF THE REINFORCING STEEL.



FOOTING, FOUNDATION WALL & FLOOR SLAB PLAN
SCALE: 1/8" = 1' - 0"

NOTE:
1. SEE SHEET A-1 FOR CONCRETE SIDEWALK AND CURB LAYOUT & DIMENSIONS.

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

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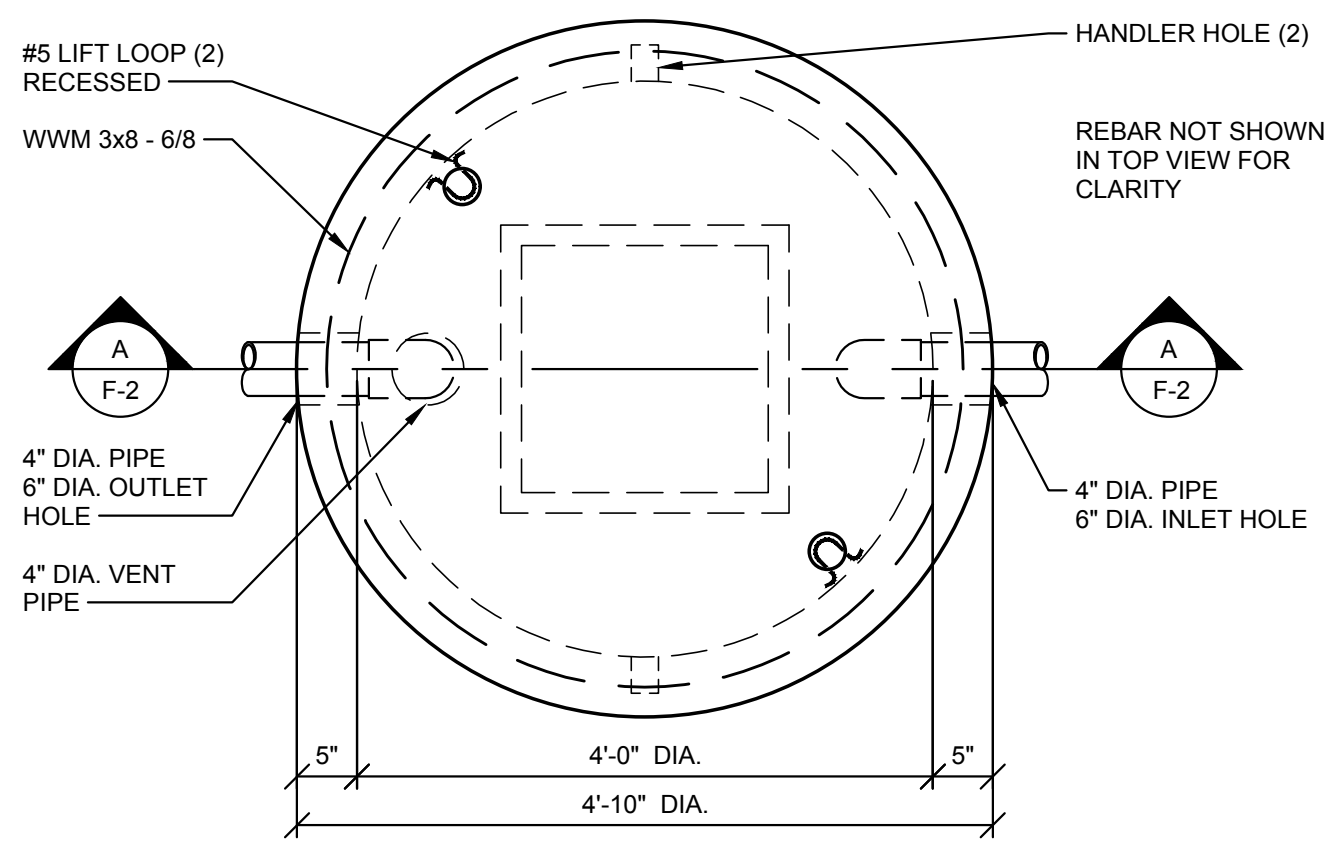
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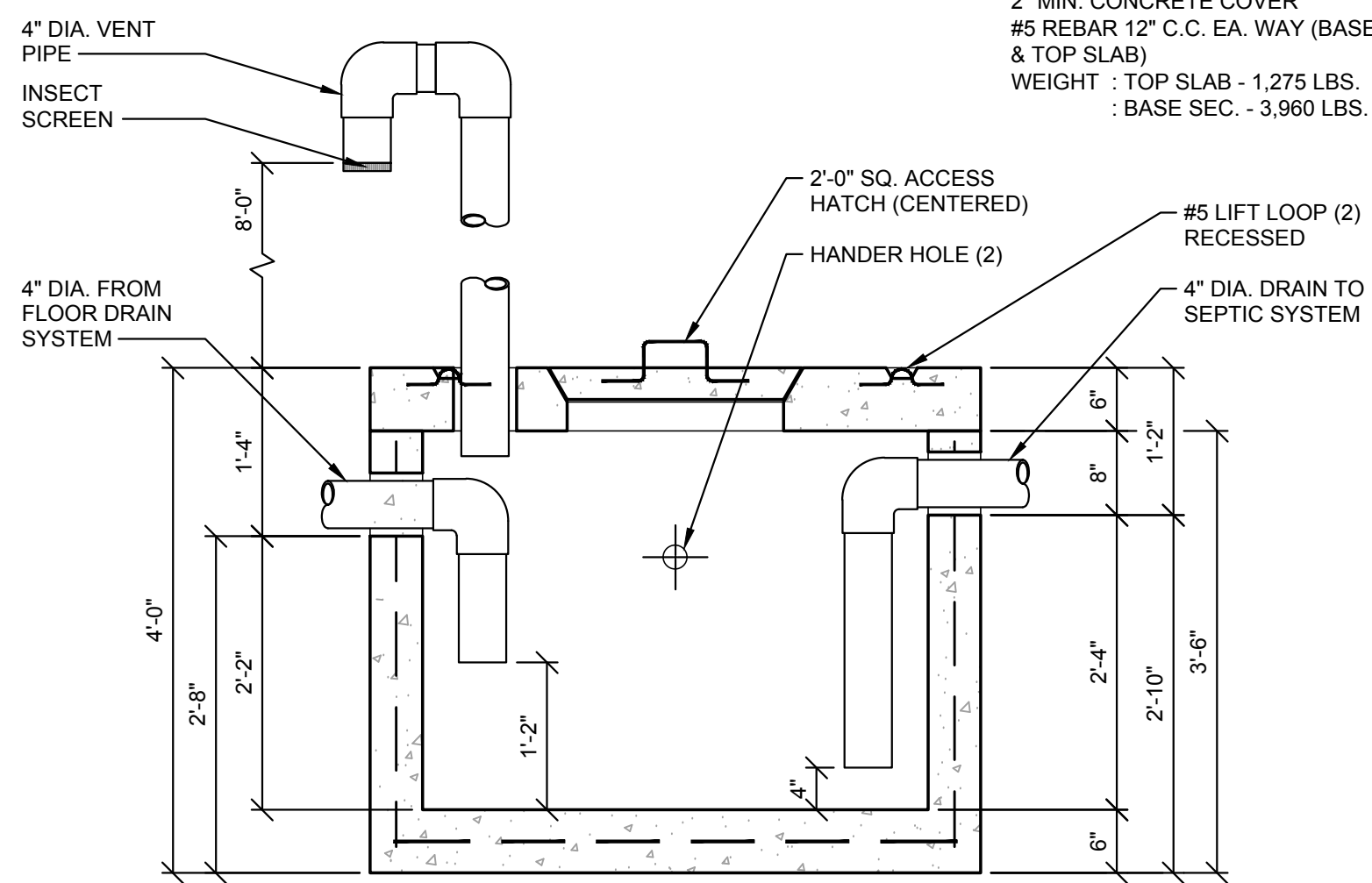
**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

FOOTING, FOUNDATION WALL &
FLOOR SLAB PLAN

SHEET
F-1
OF
2

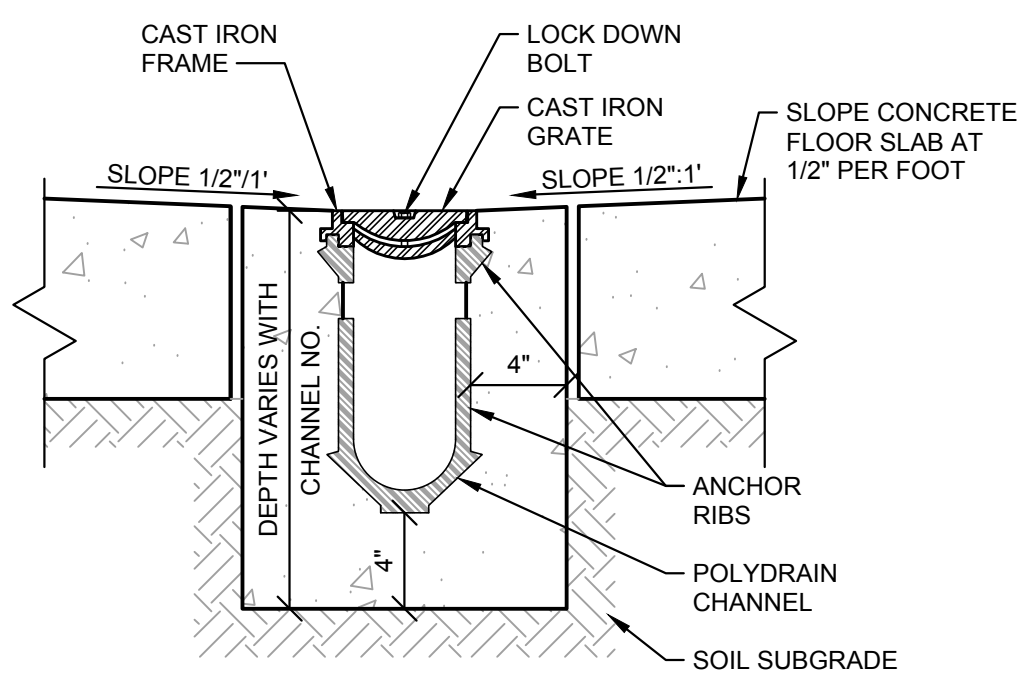


NOTES:
CONCRETE 4500 PSI @ 28 DAYS
2" MIN. CONCRETE COVER
#5 REBAR 12" C.C. EA. WAY (BASE & TOP SLAB)
WEIGHT : TOP SLAB - 1,275 LBS.
: BASE SEC. - 3,960 LBS.



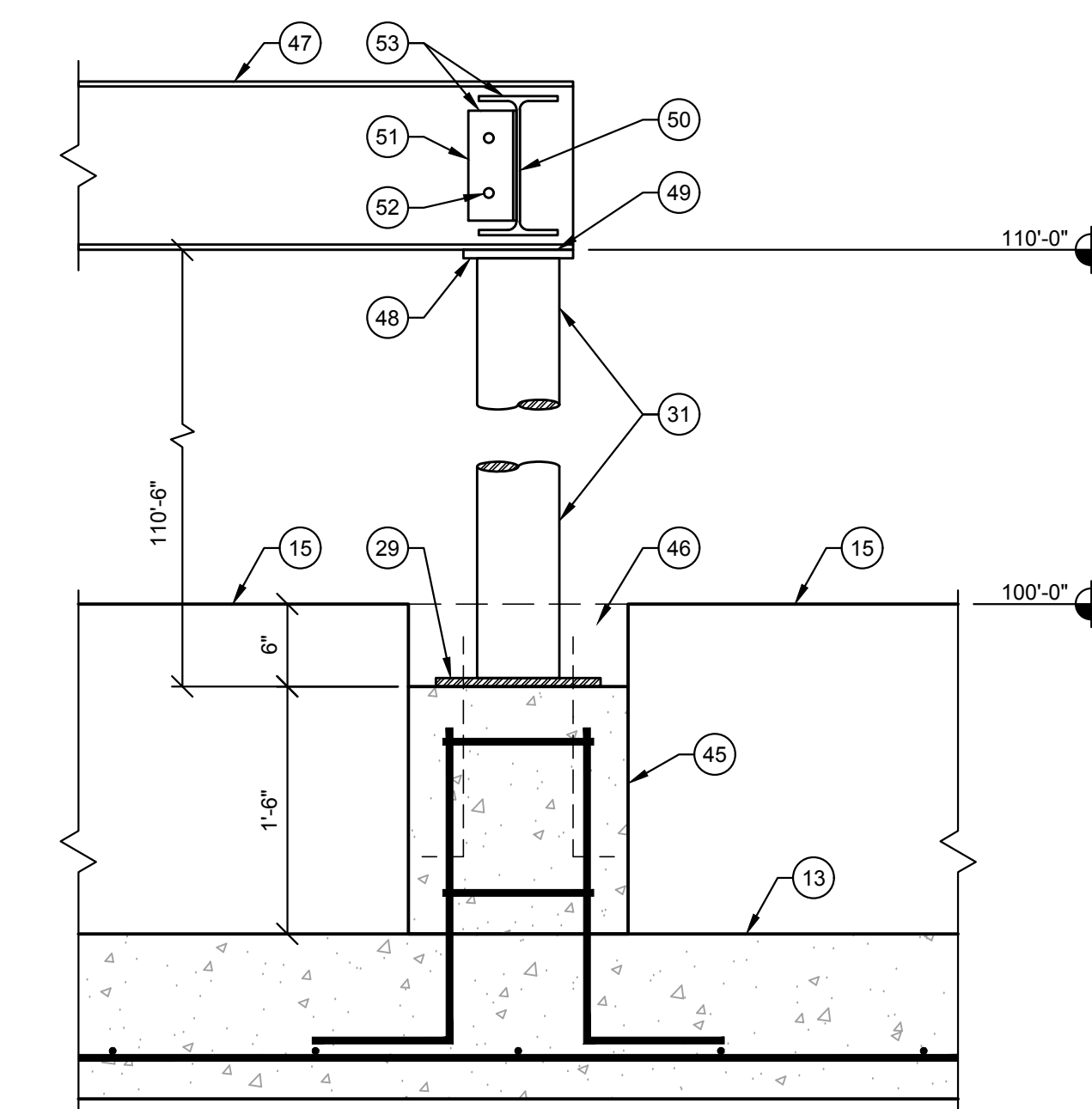
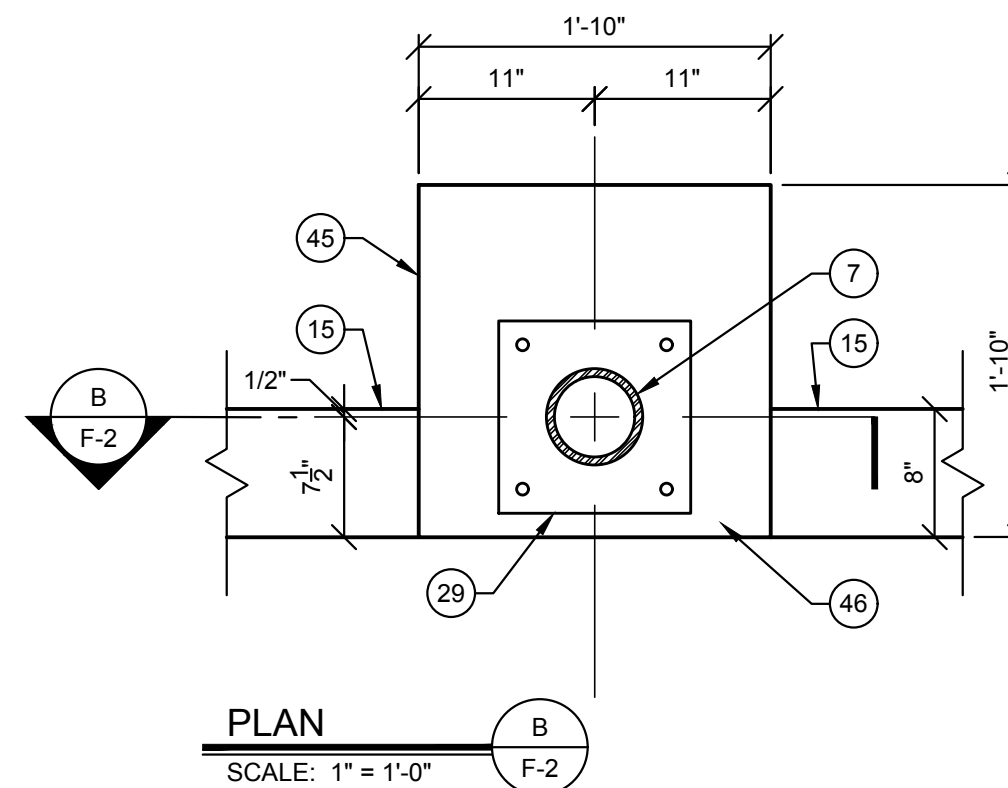
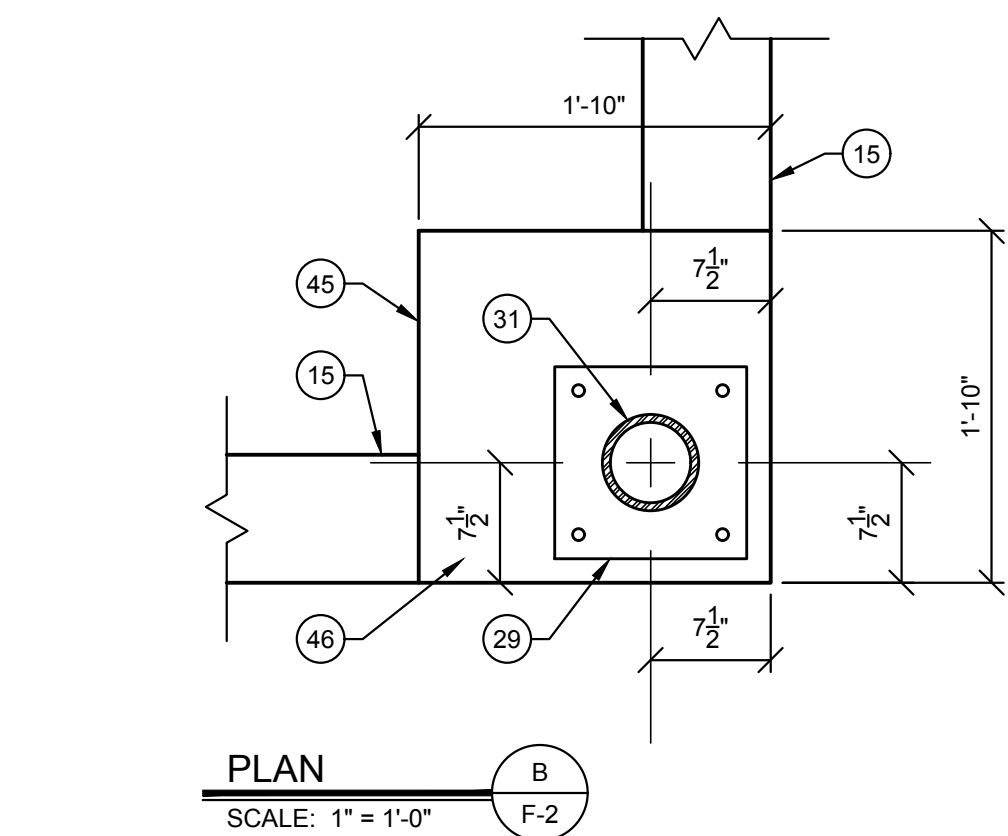
200 GALLON PRE-CAST CONCRETE GREASE TRAP PLAN & SECTION

SCALE: N.T.S.



SECTION

SCALE: N.T.S.



SECTION

SCALE: 1" = 1'-0"

FOOTINGS, FOUNDATION & FLOOR SLAB NOTES:

- ALL CONCRETE MUST BE 4,000 P.S.I.
- TOP OF ALL FOOTINGS MUST BE A MINIMUM 24" BELOW FINISHED GRADE. DO NOT PLACE CONCRETE ON WET OR FROZEN GROUND.
- MINIMUM SOIL BEARING CAPACITY IS 2,000 P.S.F. NOTIFY WHITAKER 2 IMMEDIATELY IF NOT ENCOUNTERED.
- 6" DEEP, COMPACTED D.G.A. BASE.
- CLASS 1, 0.1 PERM OR LESS, 6 MIL. POLYETHYLENE VAPOR BARRIER.
- 4" THICK CONCRETE FLOOR SLAB REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 WELDED WIRE FABRIC (W.W.F.). USE FLAT SHEETS. DO NOT USE ROLLED W.W.F.
- SAW-CUT 1/4" x 1/4" EXPANSION JOINTS WHERE SHOWN ON DRAWINGS.
- INSTALL 1/2" EXPANSION JOINT MATERIAL AROUND ALL PIPING & OTHER ITEMS PENETRATING FLOOR SLAB.
- SLOPE FINISHED GRADE AWAY FROM CONCRETE FLOOR SLAB PERIMETERS.
- 2" x 24" RIGID STYROFOAM PERIMETER INSULATION BOARD. INSTALL VERTICALLY OR EXTERIOR FACE OF ALL FOUNDATION WALLS.
- WATERPROOF SEALANT.
- 12" x 30" CONCRETE FOOTING REINFORCED WITH 3 #4 @ CONTINUOUS & #4 @ 14" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- 12" x 36" CONCRETE FOOTING REINFORCED WITH 3 #4 @ CONTINUOUS & #4 @ 14" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- #4 @ 27" VERTICAL DOWEL @ 16" O.C. EMBEDDED 6" INTO 12" x 24" & 12" x 30" FOOTING.
- 8" x 24" CONCRETE FOUNDATION WALL REINFORCED WITH VERTICAL #4 @ DOWEL @ 16" O.C. & 3 #4 @ HORIZONTALLY.
- MAINTAIN 3" MINIMUM CLEARANCE BETWEEN FACE OF CONCRETE & REINFORCING UNLESS OTHERWISE NOTED.
- NOTCH FOUNDATION WALL & POUR FLOOR SLAB THRU DOOR OPENING.
- 4" THICK CONCRETE PORCH SLAB REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 W.W.F.
- 4" THICK CONCRETE SIDEWALK REINFORCED WITH 6 x 6 - W 1.4 x W 1.4 W.W.F.
- 12" x 42" CONCRETE FOOTING REINFORCED WITH 3 #5 @ CONTINUOUS & #4 @ 12" O.C. @ RIGHT ANGLE TO CONTINUOUS REINFORCING.
- 12" x 36" x 36" CONCRETE FOOTING REINFORCED WITH 3 #4 @ EACH WAY.
- 12" x 42" x 42" CONCRETE FOOTING REINFORCED WITH 3 #5 @ EACH WAY.
- 16" x 16" x 30" CONCRETE COLUMN PIER REINFORCED WITH 4 #4 @ 35" x 12" BENT LEG DOWEL WITH 3 TIES @ 12" O.C.
- 24" x 24" x 30" CONCRETE COLUMN PIER REINFORCED WITH 4 #4 @ 35" x 12" BENT LEG DOWEL WITH 3 TIES @ 12" O.C.
- 8" THICK CONCRETE FLOOR SLAB REINFORCED WITH #5 @ 14" O.C. EACH WAY.
- COORDINATE & VERIFY CONDITIONS & DIMENSIONS SHOWN ON THIS SHEET WITH THOSE SHOWN ON SHEET A-1.
- DO NOT BEND REINFORCING STEEL @ CORNERS OF FOOTINGS. INSTALL PRE-BENT 24" x 24" CORNER BARS.
- 6" @ 18.87 PLF STEEL PIPE BOLLARD. FILL WITH CONCRETE & EMBED IN 18" @ CONCRETE CAISSON FOOTING.
- 3/4" x 12" x 12" STEEL BASE PLATE WITH FOUR HOLES @ 3/4" @ FOR 5/8" @ x 16" x 1" HOOK ANCHOR BOLTS. EMBED ANCHOR BOLTS 1'-2 3/8" INTO CONCRETE PIER.
- 4" @ x 10.79 PLF STEEL COLUMN.
- 6" @ x 18.97 PLF STEEL COLUMN.
- 4'-0" x 5'-0" CONCRETE LANDING. FINISHED ELEVATION = 100'-0".
- 5'-0" x 8'-0" CONCRETE RAMP DOWN. SLOPE RAMP @ 1" PER FOOT. UPPER END OF RAMP ELEVATION = 100'-0". LOWER END OF RAMP ELEVATION = 99'-4".
- POLYDRAIN, INC. OR APPROVED EQUAL MODULAR, PRE-ENGINEERED, PRE-CAST POLYMER CONCRETE FLOOR DRAINAGE SYSTEM COMPLETE WITH SLOTTED CAST IRON GRATING RATED FOR 80 TON VEHICLE AXLE LOADS & ALL ACCESSORY ITEMS FOR A COMPLETE FLOOR DRAINAGE SYSTEM.
- SLOPE FLOOR @ 1/2" PER FOOT TO DRAIN GRATING.
- FLOOR DRAIN CATCH BASIN.
- PRE-CAST CONCRETE GREASE TRAP.
- SEE SHEET F-2 FOR GREASE TRAP DETAILS.
- SEE SHEET P-2 FOR FLOOR DRAIN, CATCH BASIN & GREASE TRAP PLUMBING DETAILS.
- SEE SHEET P-1 FOR LOCATION OF PLUMBING FIXTURES & WASTE PIPING THAT PENETRATE FLOOR SLABS.
- SEE SHEET P-1 FOR IN FLOOR GREASE TRAP LOCATIONS & SHEET P-2 FOR DETAILS.
- PRE-CAST CONCRETE GREASE TRAP. SEE SHEETS F-2 & P-2 FOR DETAILS.
- #4 @ x 35" VERTICAL DOWEL @ 16" O.C. EMBEDDED 6" INTO 12" x 30" FOOTING.
- 8" x 32" CONCRETE FOUNDATION WALL REINFORCED WITH VERTICAL #4 @ DOWEL @ 16" O.C. & 4 #4 @ HORIZONTALLY.
- 1'-10" x 1'-10" x 1'-6" CONCRETE PIER FOR BEARING 6" @ STEEL COLUMN WITH 3/4" x 12" x 12" STEEL BASE PLATE WITH 4 HOLES @ 3/4" @ FOR 5/8" x 16" x 1" HOOK ANCHOR BOLTS. NOTCH FOUNDATION WALL 6" SO THAT COLUMN BASE PLATE IS ELEVATION 99'-6".
- NOTCH FOUNDATION WALL 6" FOR COLUMN & BASE PLATE INSTALLATION. AFTER COLUMN & BASE PLATE ARE INSTALLED POUR CONCRETE FLOOR SLAB THRU NOTCH.
- W 12 x 26 STEEL BEAM FOR ROOF TRUSS SUPPORT.
- 5/8" x 8" x 8" STEEL TOP PLATE SHOP WELDED TO 6" @ STEEL COLUMN.
- FIELD WELD BOTTOM FLANGE OF W 12 x 26 STEEL BEAM TO 5/8" x 8" x 8" TOP PLATE WITH 1/4" x 2 1/2" FILLET WELD, BOTH SIDES OF BOTTOM FLANGE.
- W 10 x 22 LATERAL SUPPORT BEAM.
- 3 1/2" x 3 1/2" x 1/4" x 8" ANGLE SHOP WELDED TO WEB OF W 10 x 22 LATERAL SUPPORT BEAM. WELD ANGLE @ EACH END OF BEAM.
- SHOP DRILL TWO 11/16" @ HOLES FOR 5/8" @ A325 BOLTS.
- FIELD BOLT LATERAL SUPPORT BEAM TO W 12 x 26 ROOF BEAM.
- 6" @ STEEL COLUMN SHALL BE POSITIONED SO THAT IT IS WITH 6" STEEL STUD WALL FRAMING.
- SPLICES IN REINFORCING STEEL SHALL BE LAPPED 40 TIMES THE DIAMETER OF THE STEEL REINFORCING.

WHITAKER 2

1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377


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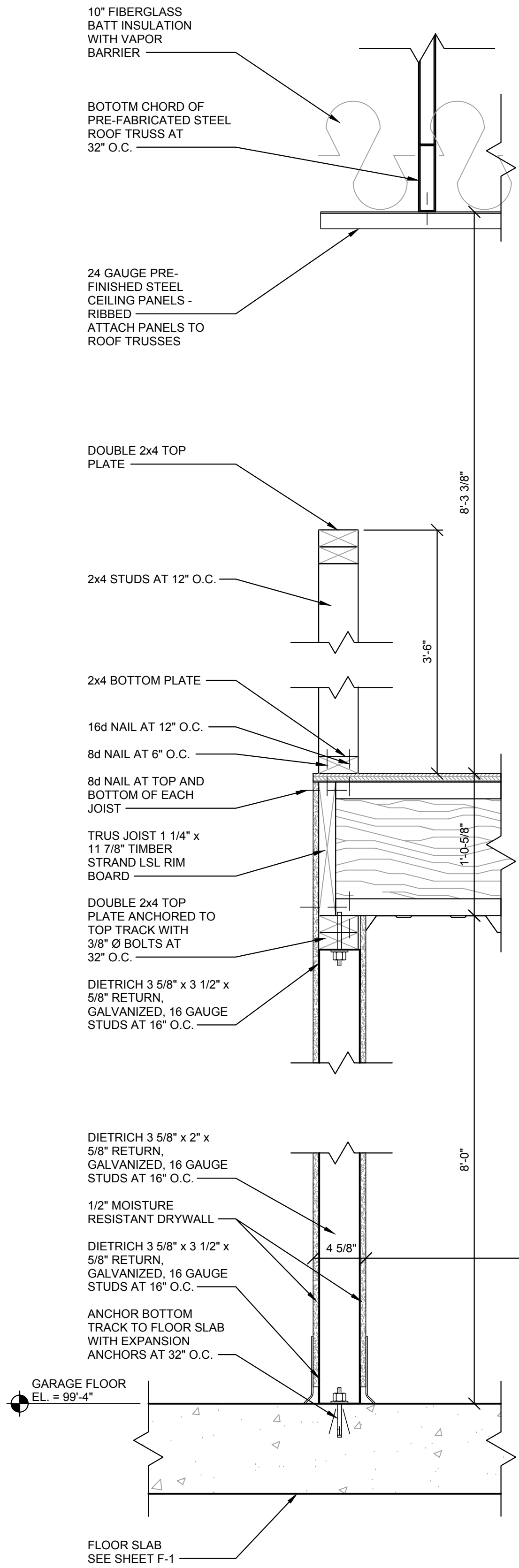
NO.	DATE	REVISIONS	DATE	APPR'D	DATE

PROJECT: 467	DATE: 05/28/2020
SCALE: AS NOTED	
DESIGNED BY: RSW	
DRAWN BY: JH	
CHECKED BY: RSW	
RECORD DRAWINGS	

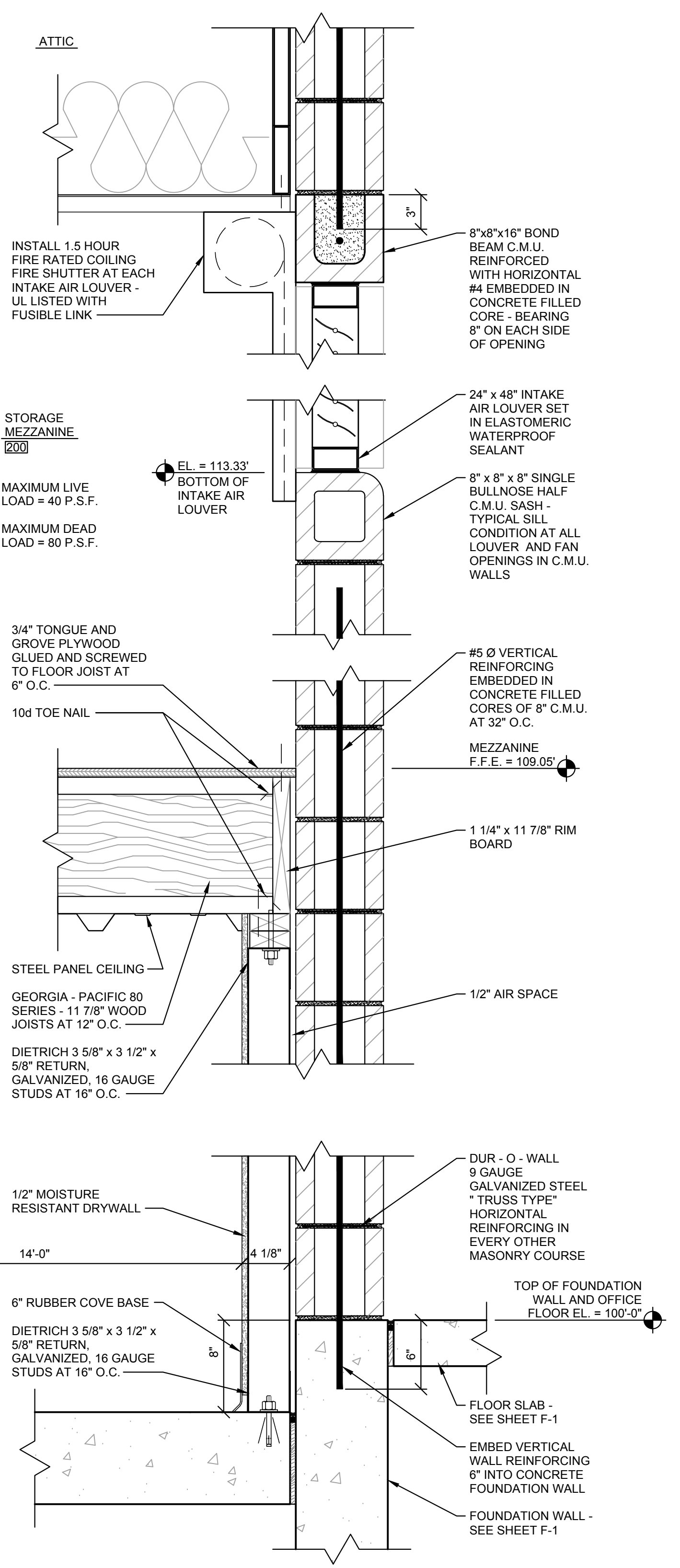

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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY
 FOOTING, FOUNDATION WALL &
 FLOOR SLAB DETAILS

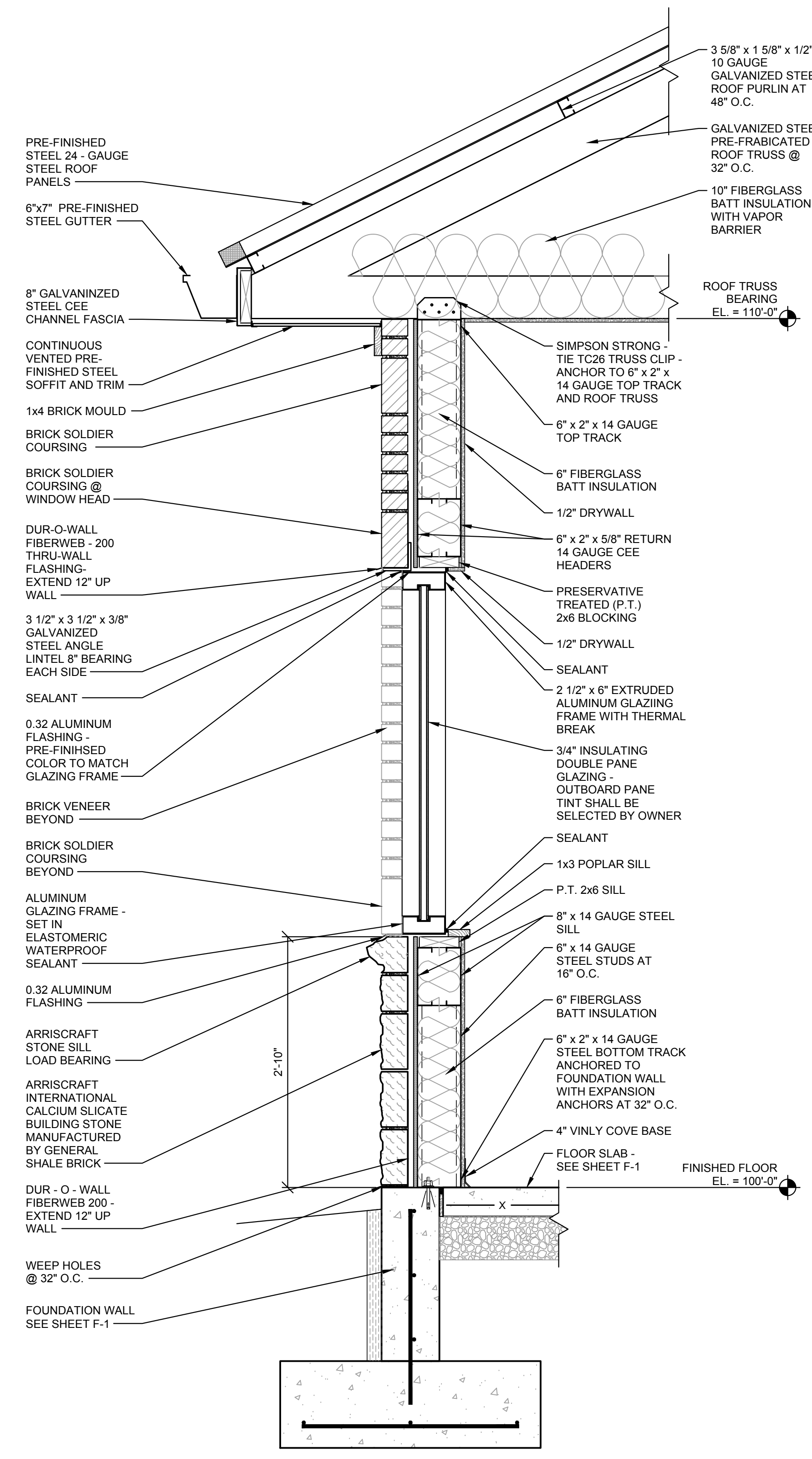
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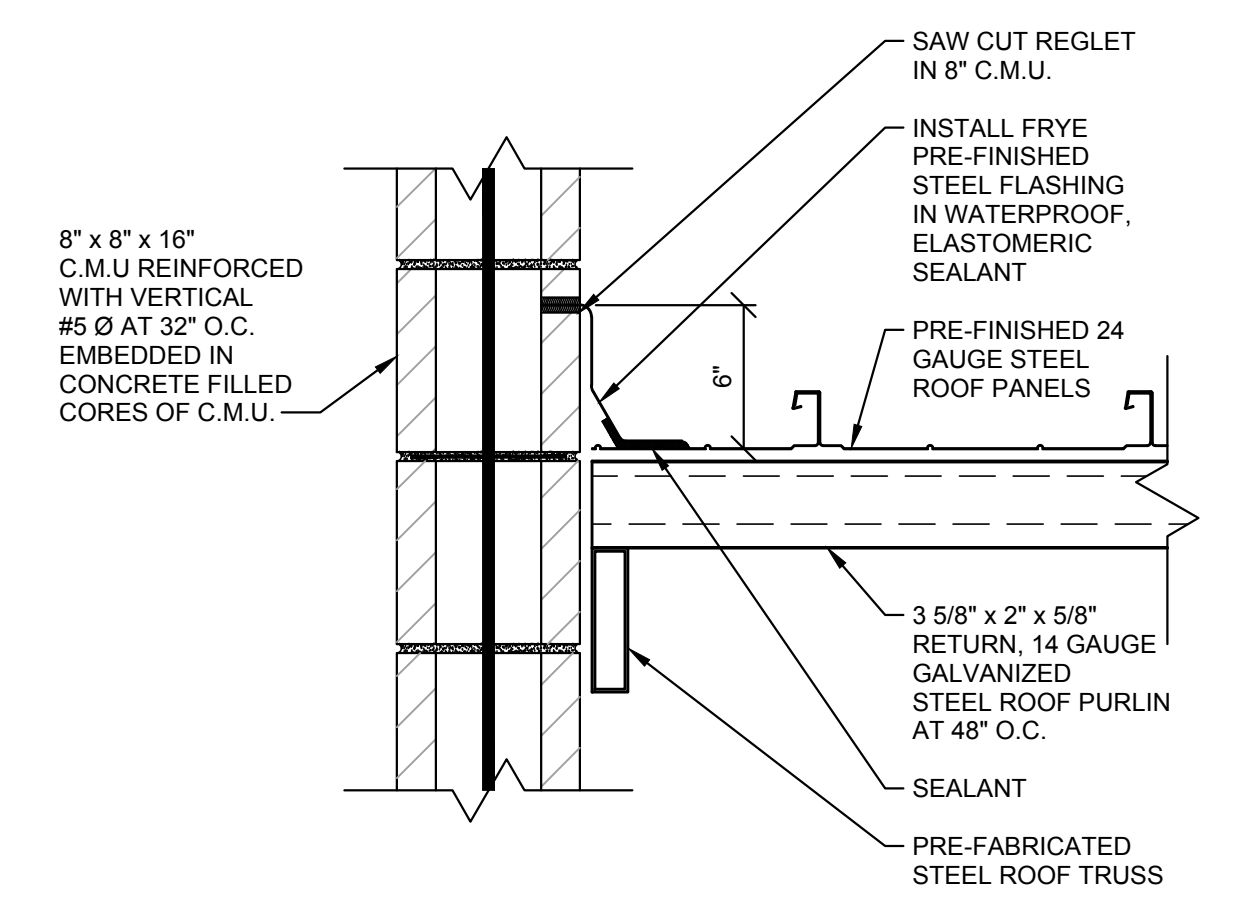
SECTION A
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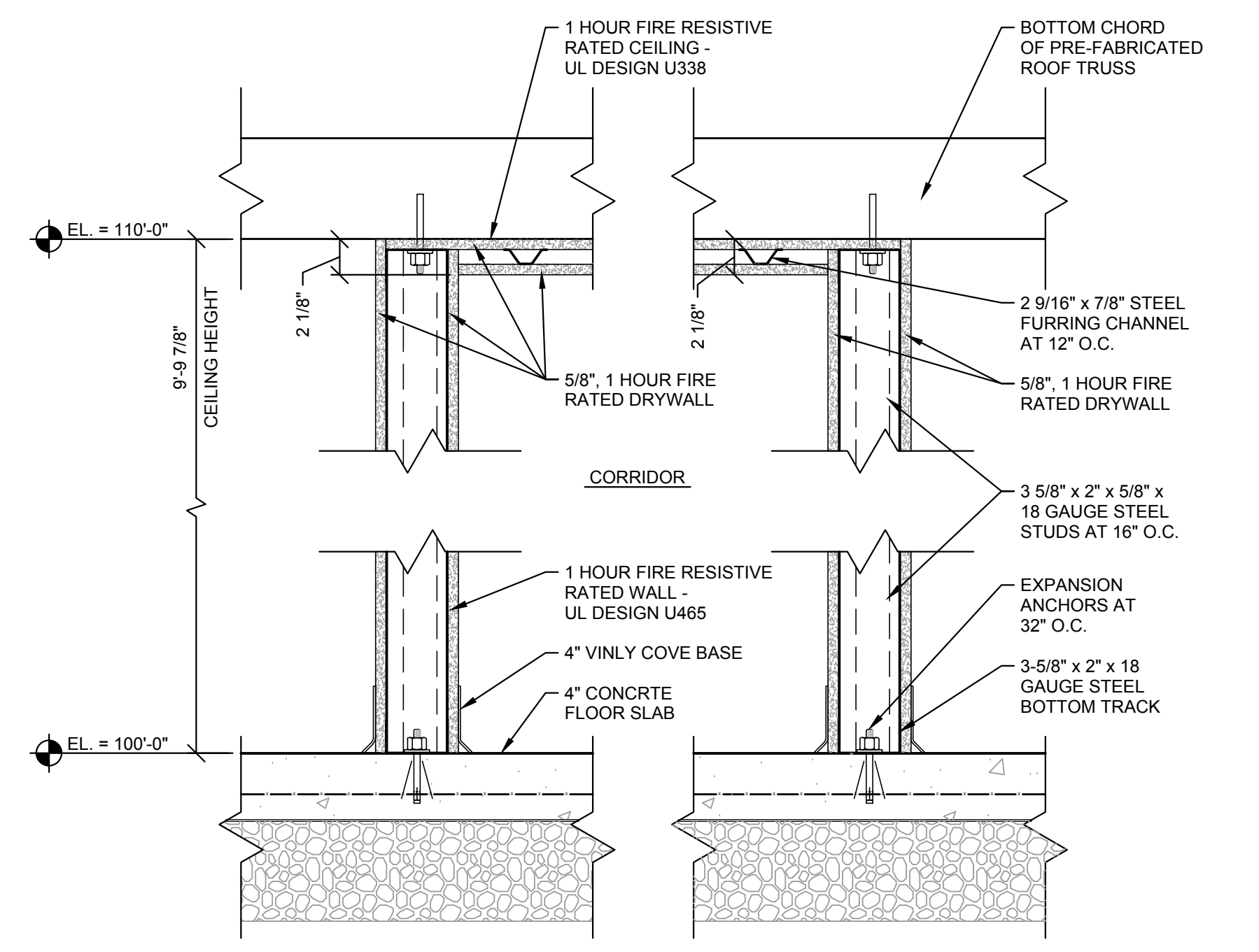
SECTION B
SCALE: 1 1/2" = 1'-0" S-1



SECTION C
SCALE: 1" = 1'-0" S-1



SECTION D
SCALE: 1 1/2" = 1'-0" S-1



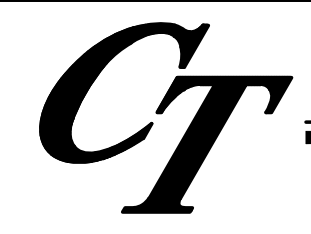
SECTION E
SCALE: 1 1/2" = 1'-0" S-1

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

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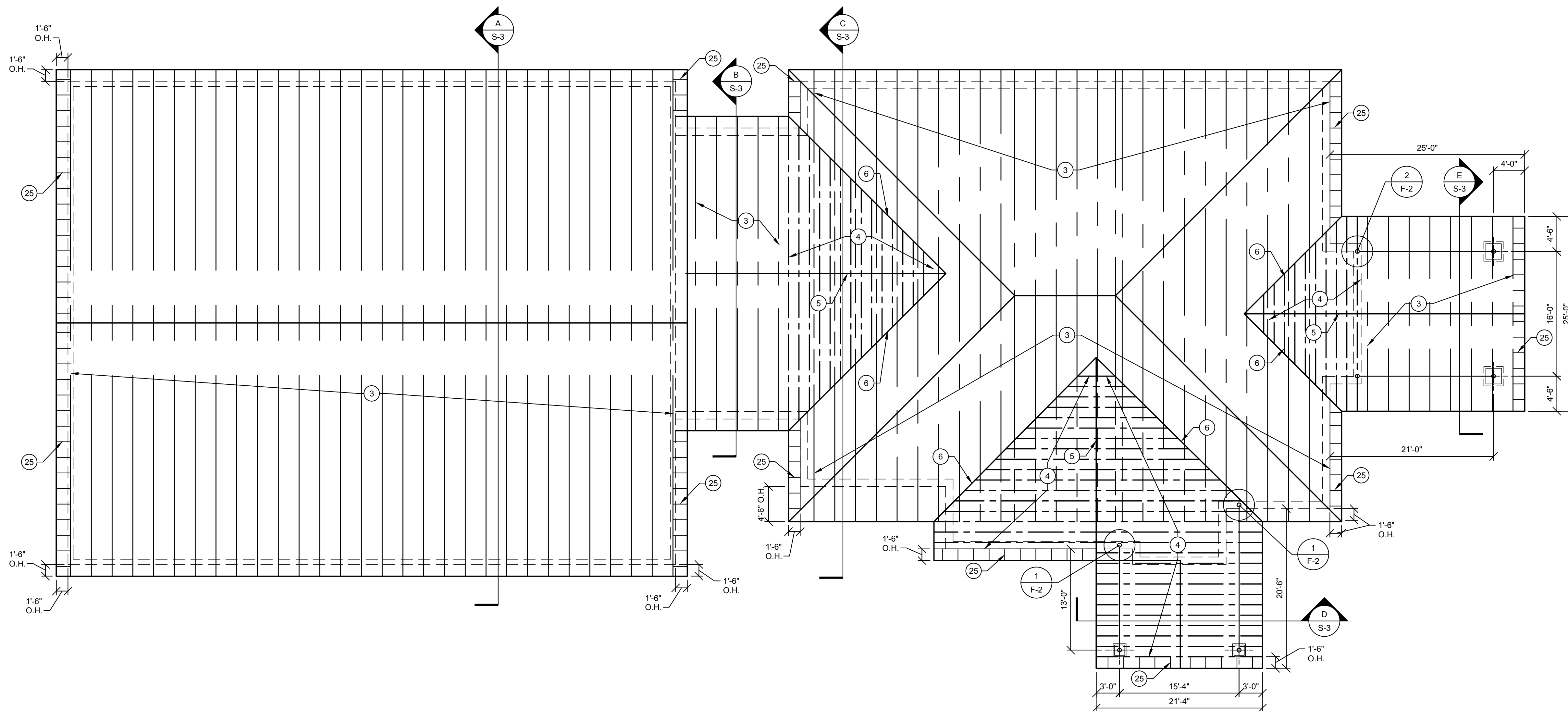
PROJECT: 467	DATE: 05/28/2020
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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY
 BUILDING SECTION & WALL FRAMING DETAILS

SHEET S-1
 OF 4

- ROOF FRAMING NOTES:**
1. PRE-FABRICATED, GALVANIZED STEEL ROOF TRUSSES MUST BE DESIGNED BY A KENTUCKY LICENSED ENGINEER TO SAFELY AND ADQUATELY SUPPORT ALL LIVE, SNOW, WIND, SEISMIC AND DEAD LOADS IMPOSED ON THE ROOF COMPLETED ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE KENTUCKY BUILDING CODE, 2018 EDITION.
 2. FOUR COPIES OF THE ROOF TRUSS SHOP DRAWINGS ALONG WITH DESIGN CALCULATIONS MUST BE PREPARED, SEALED, SIGNED AND TRANSMITTED TO WHITAKER 2.
 3. PRE-FABRICATED, GALVANIZED STEEL ROOF TRUSS AT 32" O.C.
 4. 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF RAFTER AT 16" O.C.
 5. DOUBLE 12" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" CHANNEL ROOF RIDGE.
 6. 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" VALLEY MEMBER. PROPERLY ANCHOR VALLEY MEMBER TO ROOF TRUSS.
 7. GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR, WITH APPROPRIATE SIZE AND NUMBER OF SCREWS, RAFTERS TO VALLEY MEMBER.
 8. 3 1/2" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF PURLINS AT 48" O.C.
 9. 36" WIDE x 24 GAUGE G 90 GALVANIZED STEEL COMMERCIAL GRADE ROOF PANEL WITH 1 1/4" HIGH MAJOR RIBS AT 12" O.C. AND TWO MINOR RIBS BETWEEN MAJOR RIBS. SURFACE FINISH SHALL BE 1.0 MIL SILICON POLYESTER. COLOR SELECTED BY OWNER. ROOF PANELS MUST BE RATED TO SUPPORT A MINIMUM UNIFORM LOAD OF 95 P.S.F. WITH ROOF PURLINS AT 48" O.C.
 10. INSTALL 8 MIL CLASS 1 VAPOR BARRIER WITH A PERM OF 0.1 OR LESS UNDER ROOF PANELS AND OVER ROOF PURLINS.
 11. INSTALL 4" VINYL FACED FIBERGLASS BATT INSULATION WHERE NOTED.
 12. INSTALL 10" VINYL FACED FIBERGLASS BATT INSULATION WHERE NOTED.
 13. GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR MEMBERS TOGETHER WITH APPROPRIATE NUMBER AND SIZE OF SCREWS.
 14. CONTINUOUS RIDGE VENT SELECTED TO BE COMPATIBLE WITH ROOF PANEL.
 15. 8" x 1 3/8" x 3/8" x 12 GAUGE GALVANIZED STEEL "CEE" CHANNEL FASCIA.
 16. W12 x 26 STEEL BEAM.
 17. PERSERVATIVE TREATED 2x4 NAILER ANHORED TO FLANGE OF W12 x 26 BEAM WITH SELF-DRILLING ANCHOR SCREWS AT 24" O.C.
 18. 2x4 PERSERVATIVE TREATED STUDS AT 16" O.C.
 19. 1x8 POPLAR TRIM BOARD CUT TO FIT.
 20. 3/4" HIGH DENSITY OVERLAY BOARD.
 21. 1" x 4" POPLAR TRIM.
 22. PRE-FINISHED, CONTINUOUS VENTED ALUMINUM SOFFIT WITH "ELL" TRIM.
 23. PRE-FINISHED, CONTINUOUS VENTED ALUMINUM CEILING WITH "ELL" TRIM.
 24. 6" x 6" PRE-FINISHED ALUMINUM GUTTER INSTALLED TO POSITVIE DRAIN TO 6" x 4" PRE-FINISHED ALUMINUM DOWNSPOUTS. GUTTER PROFILE SUBJECT TO WHITAKER 2 APPROVAL.
 25. 6" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" OUTLOOKER AT 24" O.C.



WHITAKER 2
 1860 FRANKFORT ROAD
 SHELBYVILLE, KENTUCKY 40065
 502-633-4981 / 502-633-0377

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ROOF FRAMING PLAN
 SCALE: 1/8" = 1' - 0"

NO.	DATE	REVISIONS	DATE	APPR'D	DATE

PROJECT: 467 DATE: 05/28/2020
 SCALE: AS NOTED

DESIGNED BY: RSW
 DRAWN BY: JH
 CHECKED BY: RSW
 RECORD DRAWINGS

CT CANN-TECH, LLC
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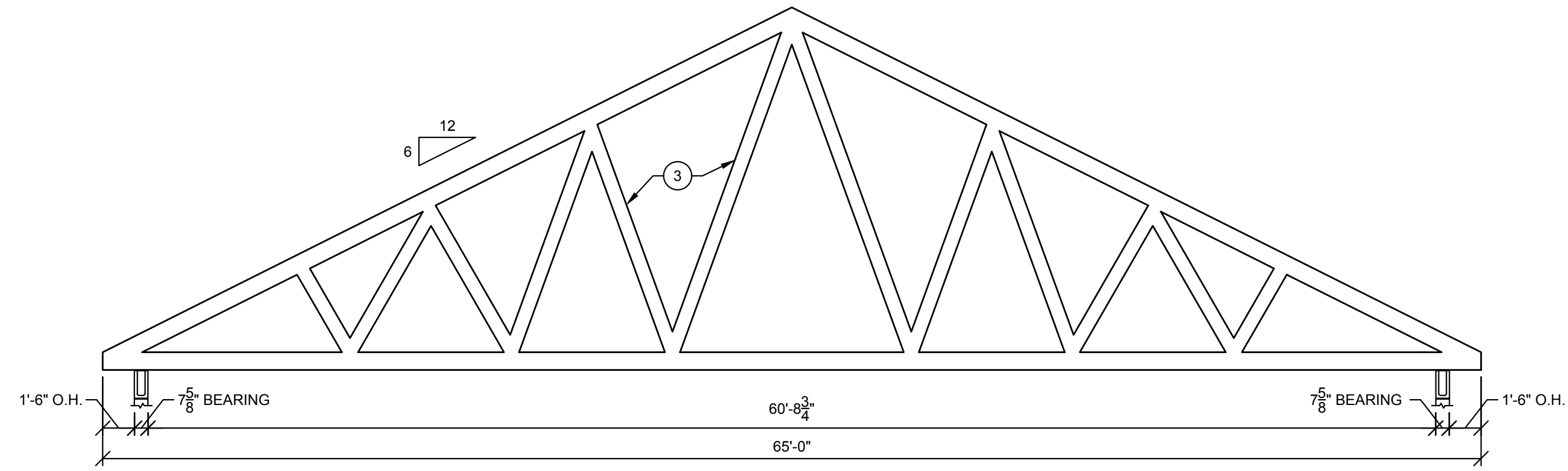
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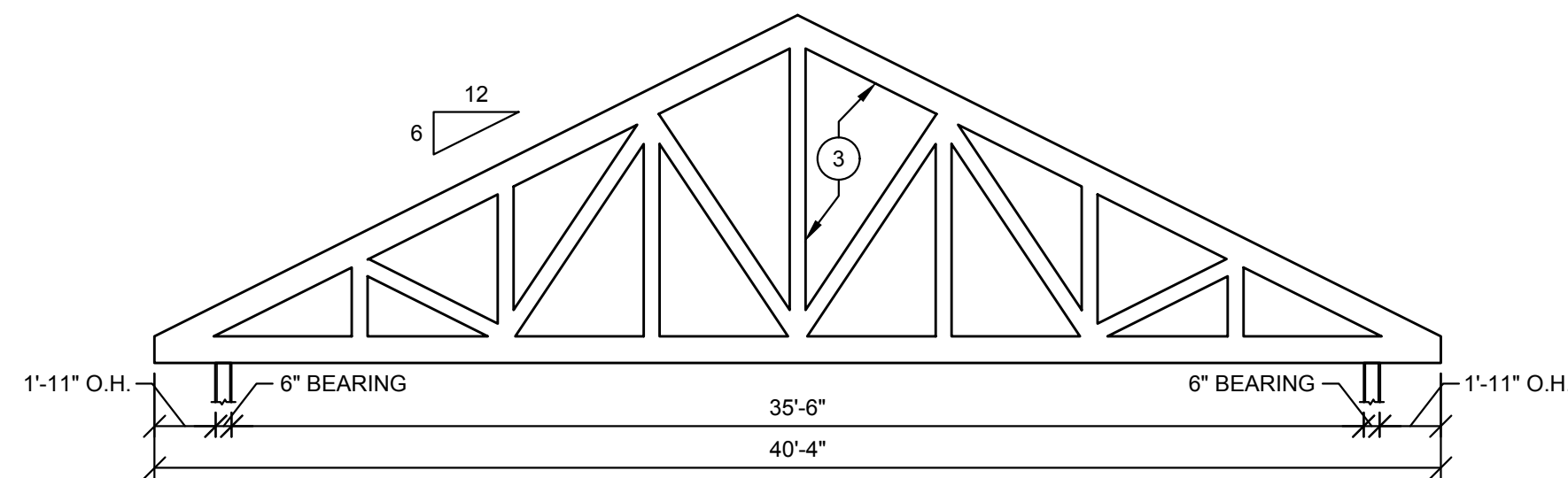
LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY

ROOF FRAMING PLAN

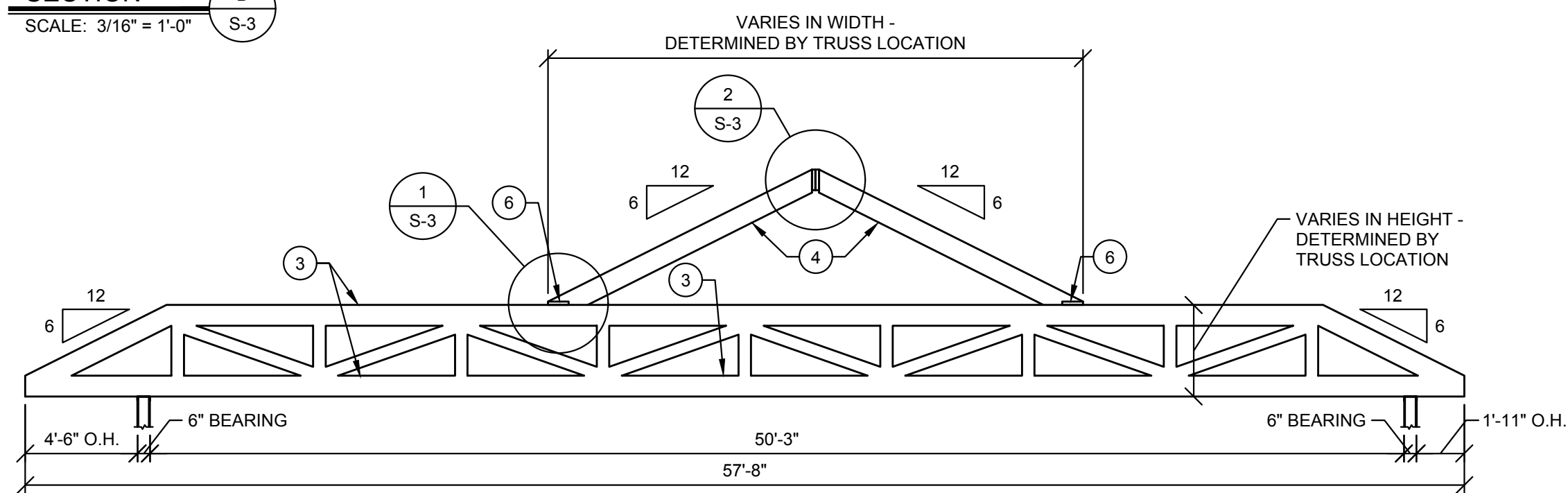
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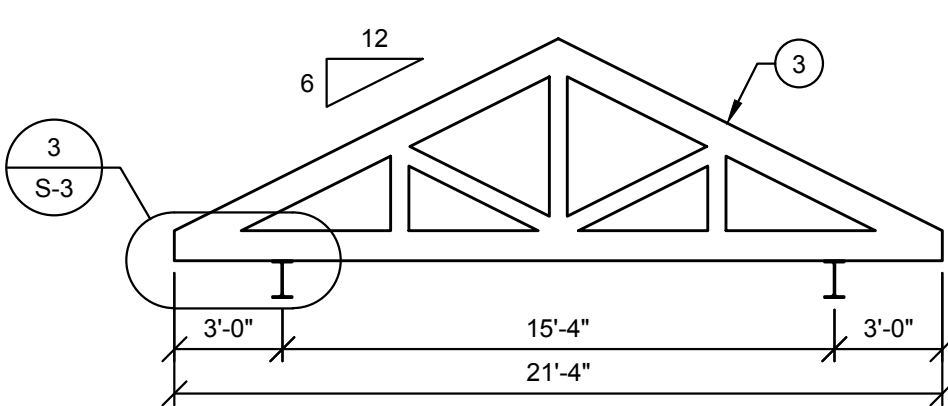
SECTION A
SCALE: 3/16" = 1'-0" S-3



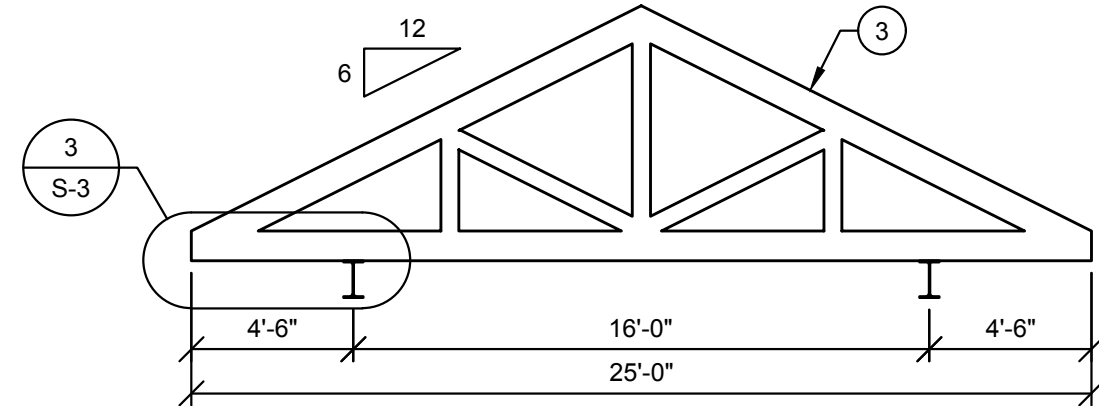
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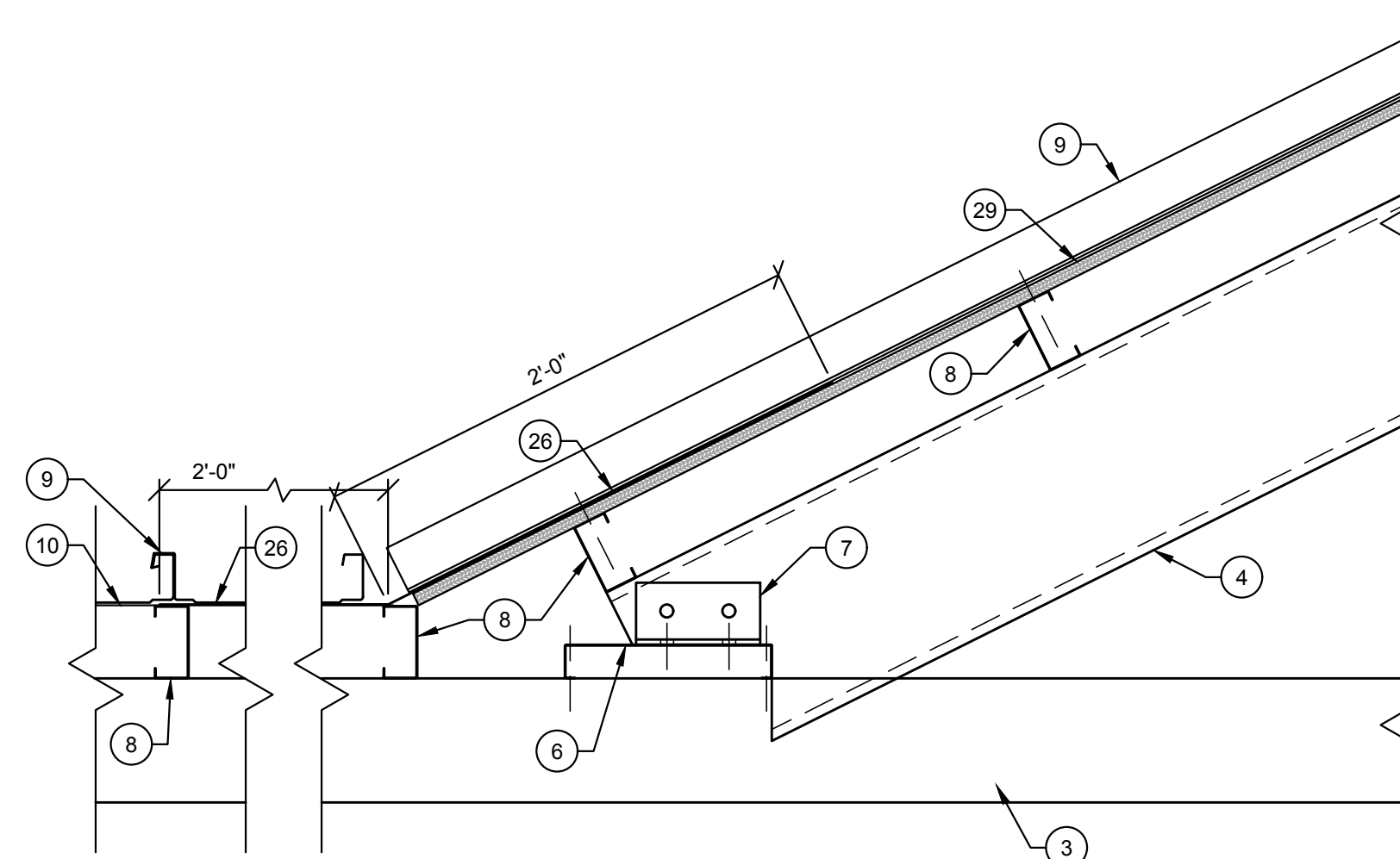
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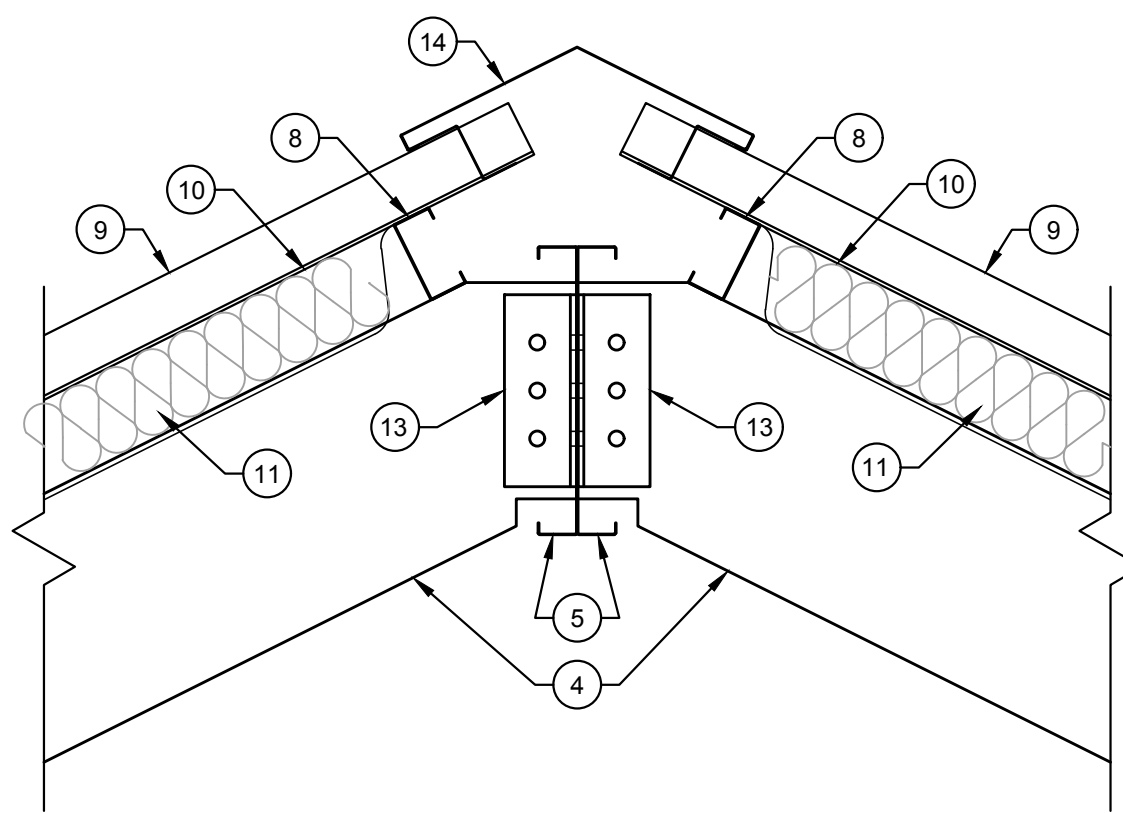
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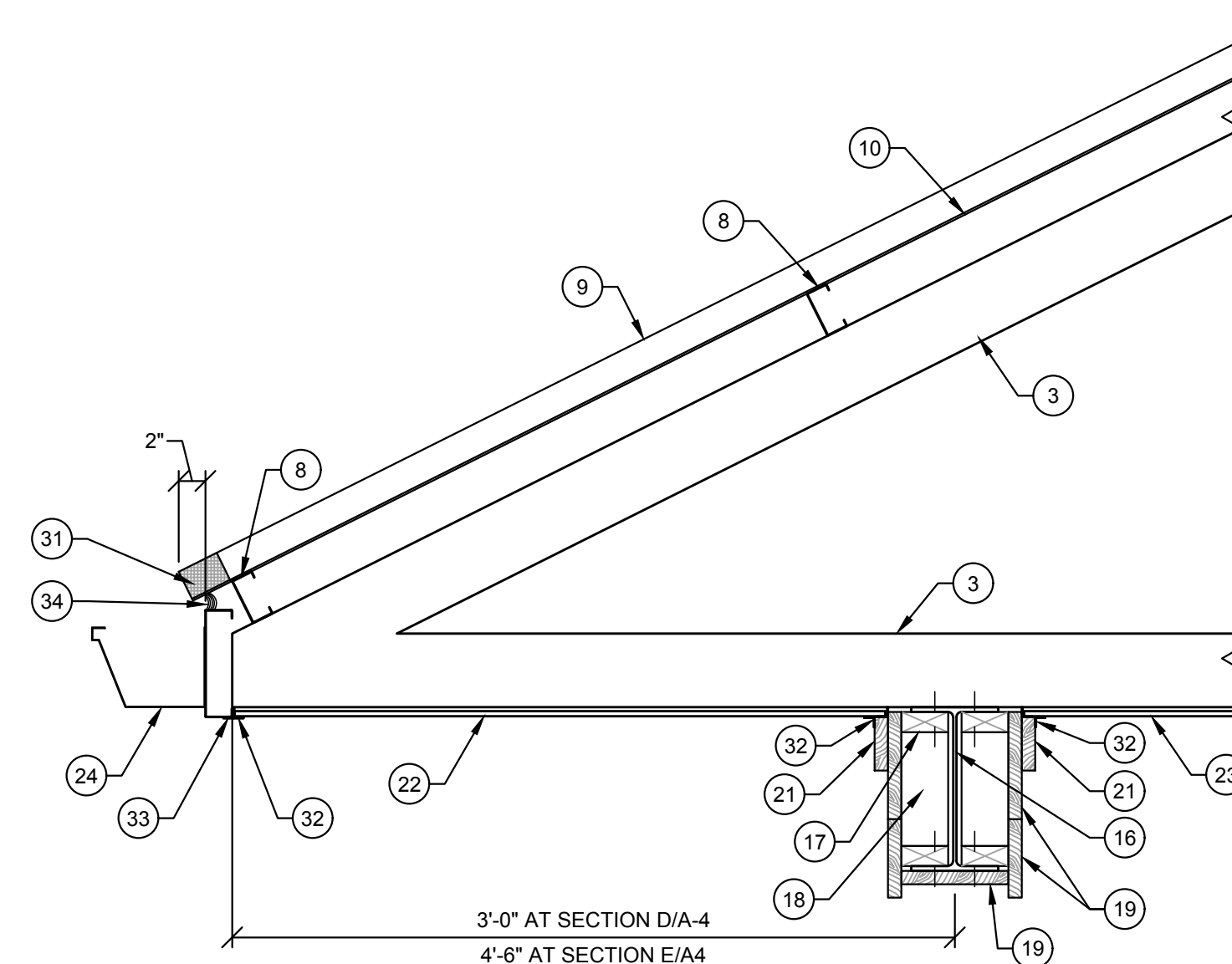
SECTION E
SCALE: 3/16" = 1'-0" S-3



DETAIL 1
SCALE: 1 1/2" = 1'-0" S-3



DETAIL 2
SCALE: 1 1/2" = 1'-0" S-3



DETAIL 3
SCALE: 1" = 1'-0" S-3

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 - FOUR COPIES OF THE ROOF TRUSS SHOP DRAWINGS ALONG WITH DESIGN CALCULATIONS MUST BE PREPARED, SEALED, SIGNED AND TRANSMITTED TO WHITAKER 2.
 - PRE-FABRICATED, GALVANIZED STEEL ROOF TRUSS AT 32" O.C.
 - 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF RAFTER AT 16" O.C.
 - DOUBLE 12" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" CHANNEL ROOF RIDGE.
 - 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" VALLEY MEMBER. PROPERLY ANCHOR VALLEY MEMBER TO ROOF TRUSS.
 - GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR, WITH APPROPRIATE SIZE AND NUMBER OF SCREWS, RAFTERS TO VALLEY MEMBER.
 - 3 5/8" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF PURLINS AT 48" O.C.
 - 36" WIDE x 24 GAUGE G 90 GALVANIZED STEEL COMMERCIAL GRADE ROOF PANEL WITH 1 1/4" HIGH MAJOR RIBS AT 12" O.C. AND TWO MINOR RIBS BETWEEN MAJOR RIBS. SURFACE FINISH SHALL BE 10 MIL SILICON POLYESTER. COLOR SELECTED BY OWNER. ROOF PANELS MUST BE RATED TO SUPPORT A MINIMUM UNIFORM LOAD OF 95 P.S.F. WITH ROOF PURLINS AT 48" O.C.
 - INSTALL 8 MIL CLASS 1 VAPOR BARRIER WITH A PERM OF 0.1 OR LESS UNDER ROOF PANELS AND OVER ROOF PURLINS.
 - INSTALL 4" VINYL FACED FIBERGLASS BATT INSULATION OVER GARAGE ROOF PANELS.
 - INSTALL 10" VINYL FACED FIBERGLASS BATT INSULATION ABOVE CEILING IN OFFICE BUILDING.
 - GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR MEMBERS TOGETHER WITH APPROPRIATE NUMBER AND SIZE OF SCREWS.
 - CONTINUOUS RIDGE VENT SELECTED TO BE COMPATIBLE WITH ROOF PANEL OR SHINGLES.
 - 8" x 1 3/8" x 3/8" x 12 GAUGE GALVANIZED STEEL "CEE" CHANNEL FASCIA.
 - W12 x 26 STEEL BEAM.
 - PRESERVATIVE TREATED 2x4 NAILER ANCHORED TO FLANGE OF W12 x 26 BEAM WITH SELF-DRILLING ANCHOR SCREWS AT 24" O.C.
 - 2x4 PRESERVATIVE TREATED STUDS AT 16" O.C.
 - 1x8 POPLAR TRIM BOARD CUT TO FIT.
 - 3/4" HIGH DENSITY OVERLAY BOARD.
 - 1" x 4" POPLAR TRIM.
 - PRE-FINISHED, CONTINUOUS VENTED ALUMINUM SOFFIT WITH "ELL" TRIM.
 - PRE-FINISHED, CONTINUOUS VENTED ALUMINUM CEILING WITH "ELL" TRIM.
 - 6" x 6" PRE-FINISHED ALUMINUM GUTTER INSTALLED TO POSITIVE DRAIN TO 6" x 4" PRE-FINISHED ALUMINUM DOWNSPOUTS. GUTTER PROFILE SUBJECT TO WHITAKER 2 APPROVAL.
 - 6" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" OUTLOOKER AT 24" O.C.
 - 16 GAUGE, PRE-BENT GALVANIZED STEEL, 2'-0"x2'-0" VALLEY FLASHING.
 - SEAL ROOF PANEL TO VALLEY FLASHING WITH ELASTOMERIC, WATERPROOF SEALANT.
 - SEAL SHINGLES TO VALLEY FLASHING WITH ELASTOMERIC, WATERPROOF SEALANT.
 - 5/8" AMERICAN PLYWOOD ASSOCIATED RATED ROOF SHEATHING. ANCHOR TO ROOF PURLINS WITH SELF-TAPPING SCREWS @ 8" O.C.
 - INSTALL SIMPSON STRONG-TIE PLY-CLIPS @ 24" O.C. ON ALL PLYWOOD ROOF SHEATHING.
 - PRE-MOLDED NEOPRENE CLOSURE STRIP.
 - PRE-FINISHED ALUMINUM "ELL" TRIM.
 - 2"x10" PRE-FINISHED STEEL CHANNEL FASCIA.
 - ELASTOMERIC, WATERPROOF SEALANT.

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

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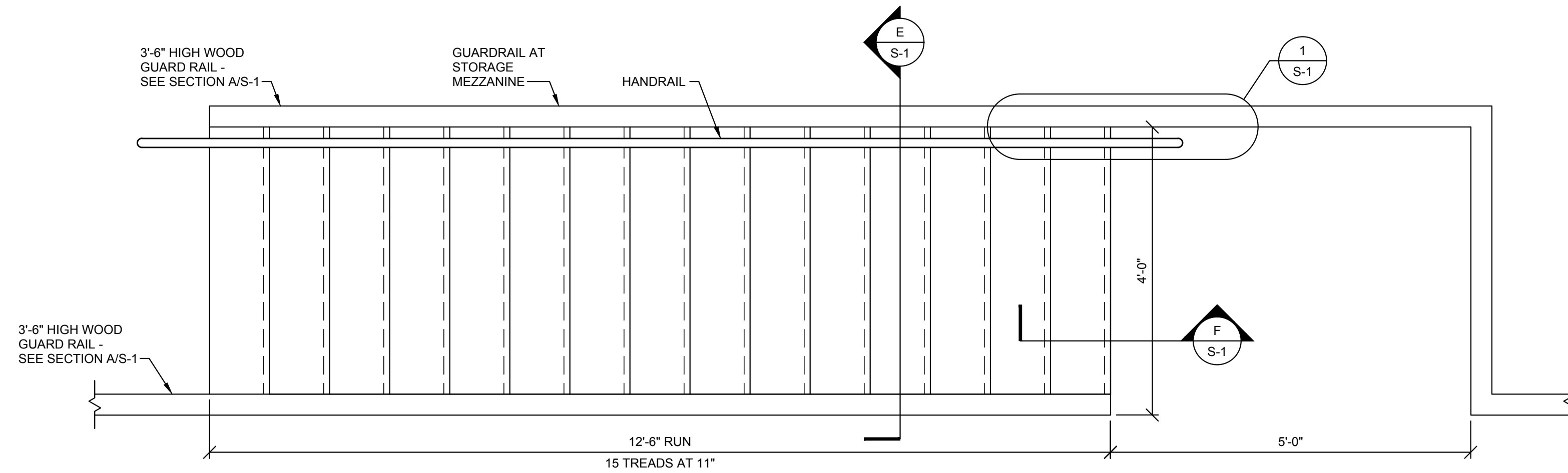
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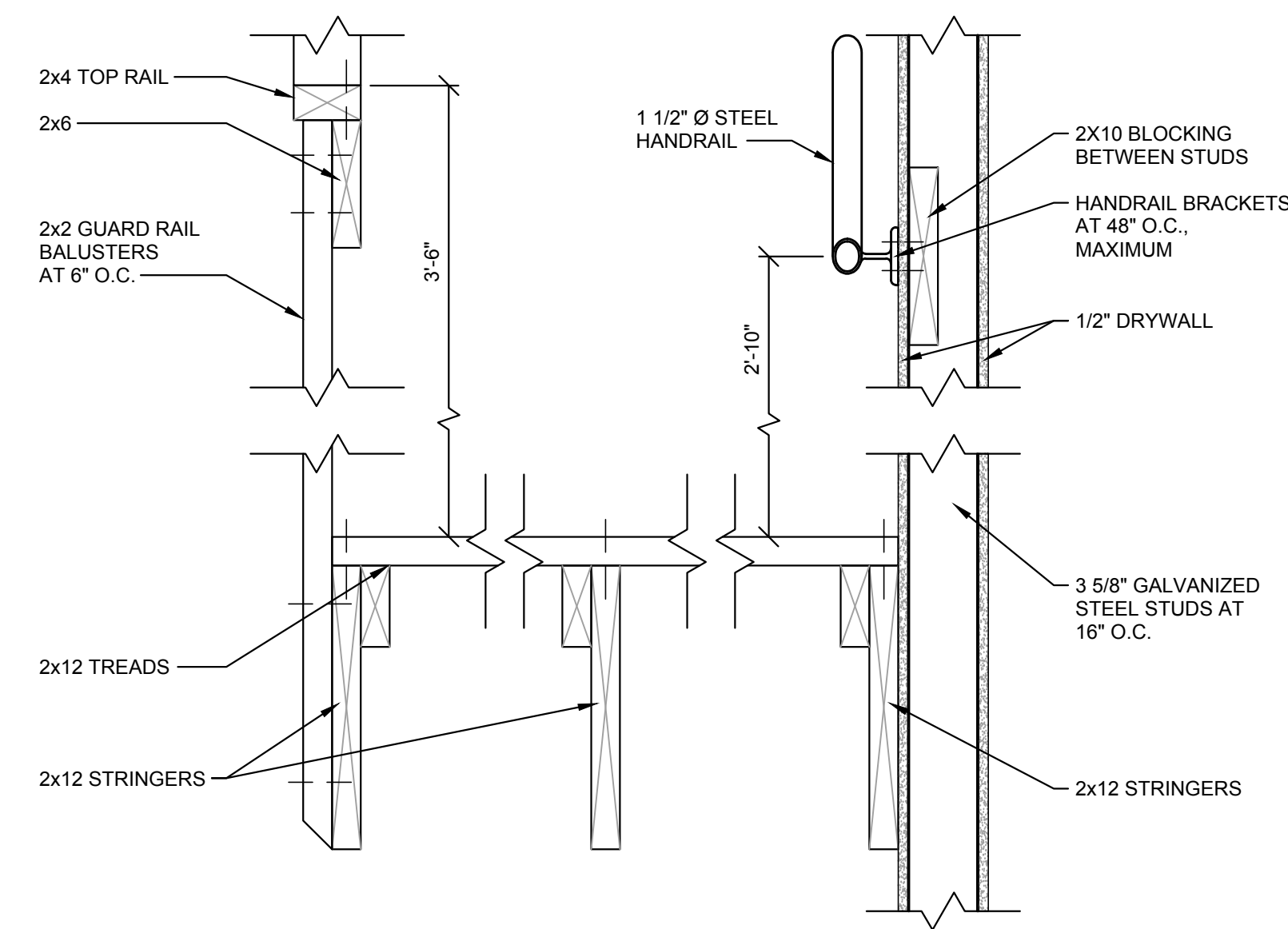
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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY
ROOF FRAMING DETAILS

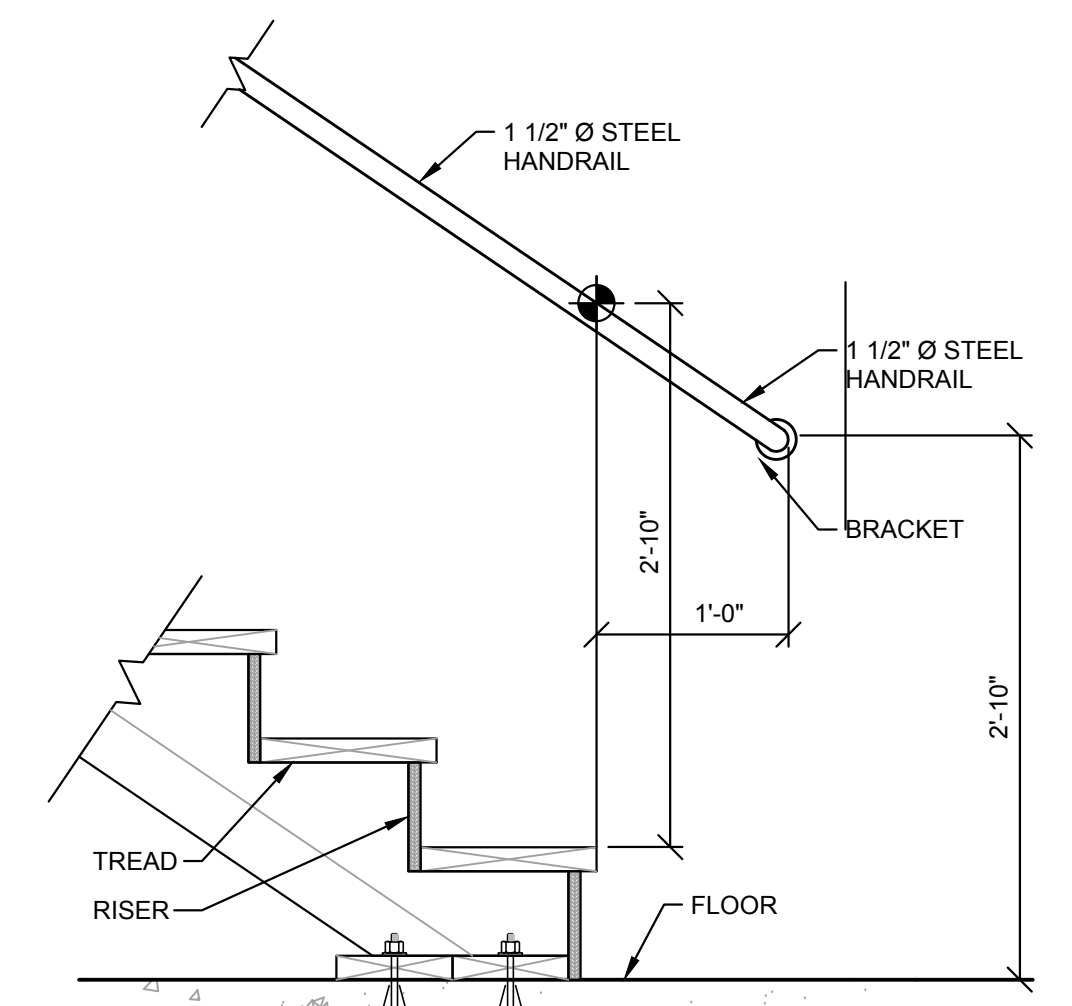
SHEET S-3 OF 4



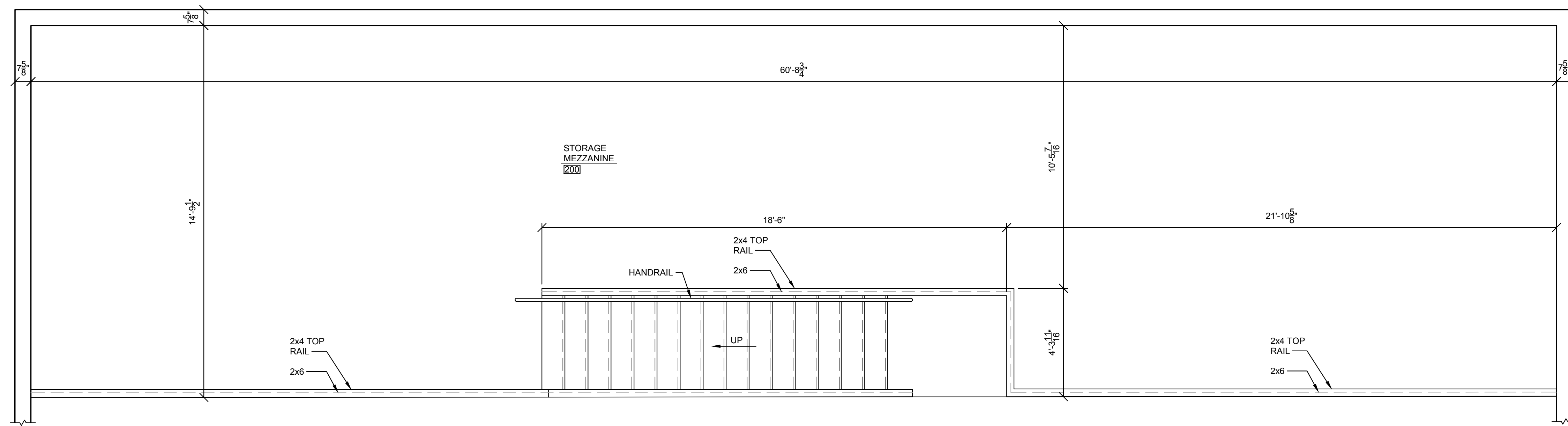
PLAN OF STAIR TO STORAGE MEZZANINE
SCALE: 3/4" = 1'-0"



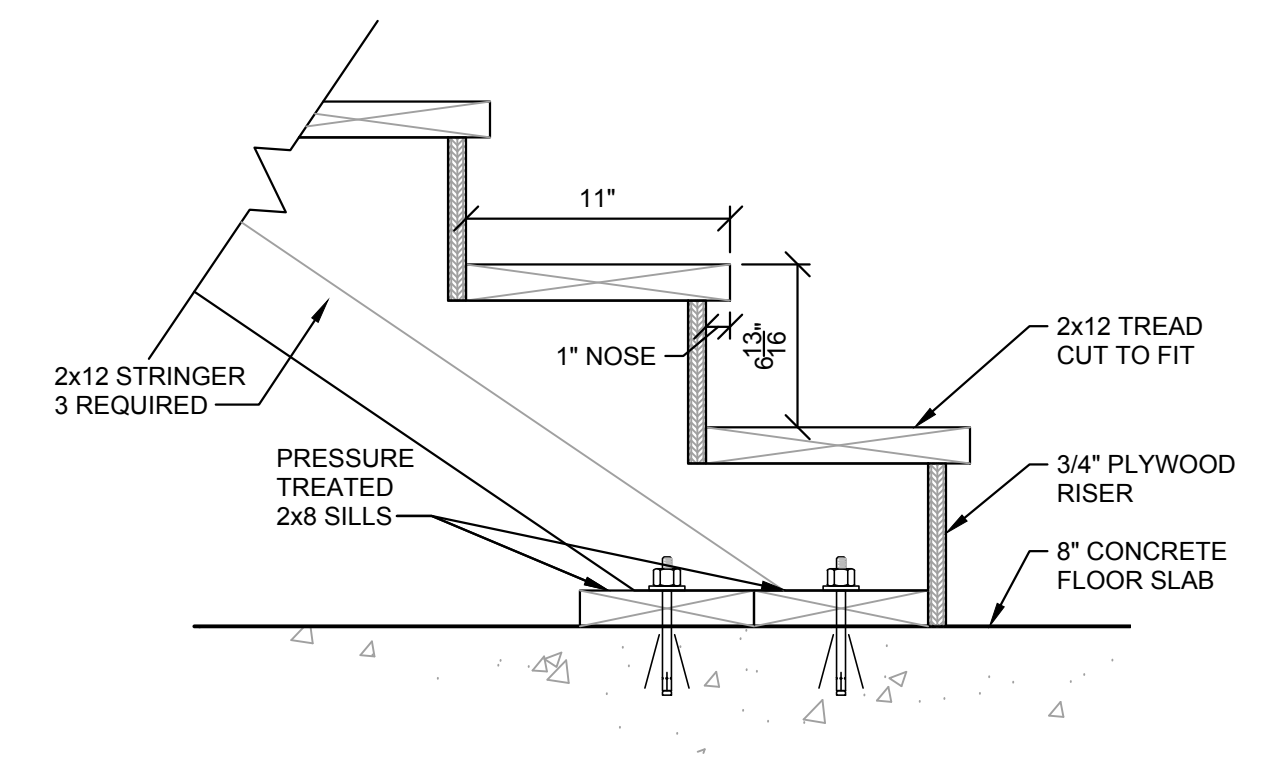
SECTION E
SCALE: 1 1/2" = 1'-0"



DETAIL 1
SCALE: 1" = 1'-0"



STORAGE MEZZANINE PLAN
SCALE: 3/8" = 1'-0"



SECTION F
SCALE: 1 1/2" = 1'-0"

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

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NO.	DATE	REVISIONS	DATE	APPR'D	DATE

PROJECT:	467	DATE:	05/28/2020
SCALE:	AS NOTED		
DESIGNED BY:	RSW		
DRAWN BY:	JH		
CHECKED BY:	RSW		
RECORD DRAWINGS			

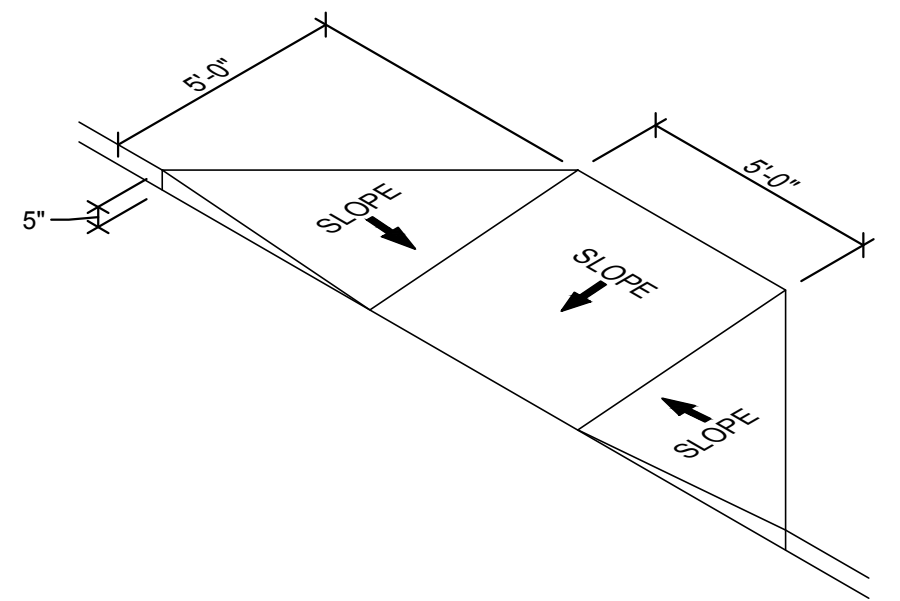
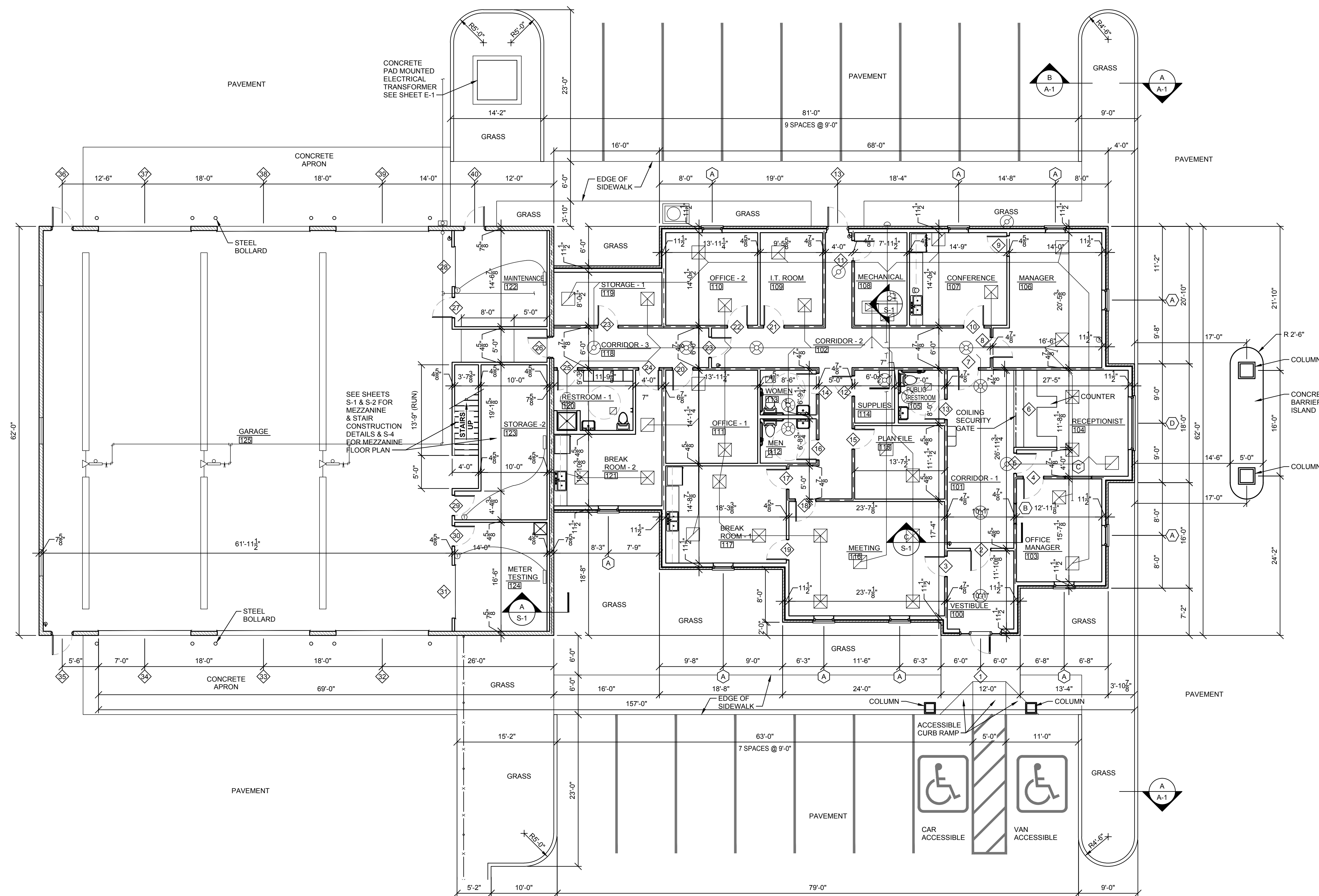
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**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

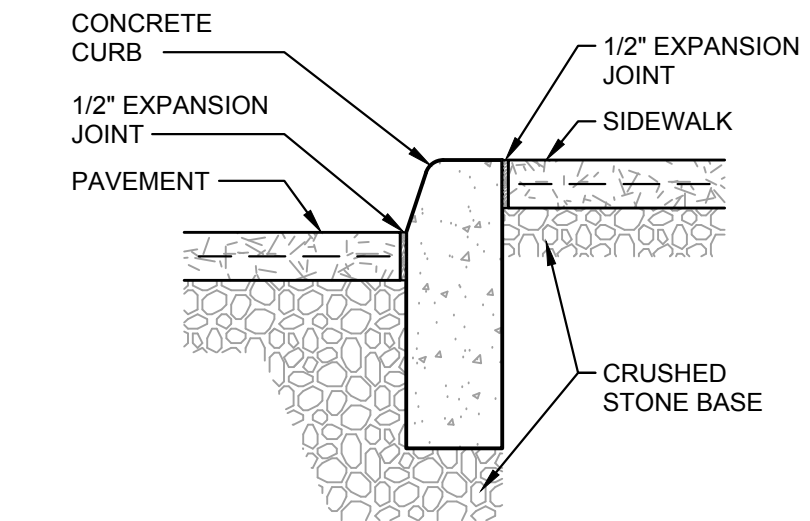
MEZZANINE & STAIR FRAMING DETAILS

SHEET S-4
OF 4

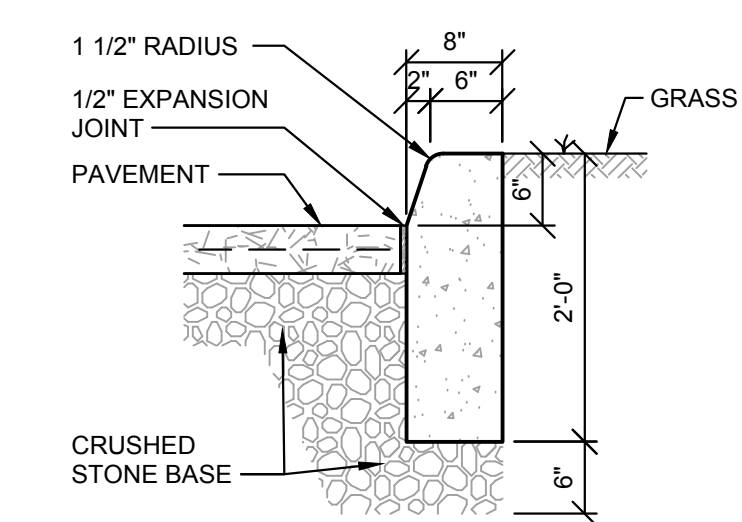
NOTE:
SEE SHEET A-2 FOR ALTERNATE FLOOR WALLS & CEILING CONSTRUCTION FOR OFFICE 111 AS A "STORM ROOM". BID THIS WORK AS AN ALTERNATE.



SKETCH OF ACCESSIBLE CURB RAMP
SCALE: N.T.S.



SECTION
SCALE: 3/4" = 1'-0"



TYPICAL SECTION THRU CONCRETE CURB
SCALE: 3/4" = 1'-0"

WALL LEGEND

- 1 ONE HOUR FIRE RESISTIVE RATED CORRIDOR WALL CONSTRUCTED PER UL DESIGN 465
- 2 TWO HOUR FIRE RESISTIVE RATED FIRE BARRIER WALL FOR SEPARATING MIXED USE OCCUPANCIES CONSTRUCTED PER UL DESIGN U905

WHITAKER 2
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ARCHITECTURAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

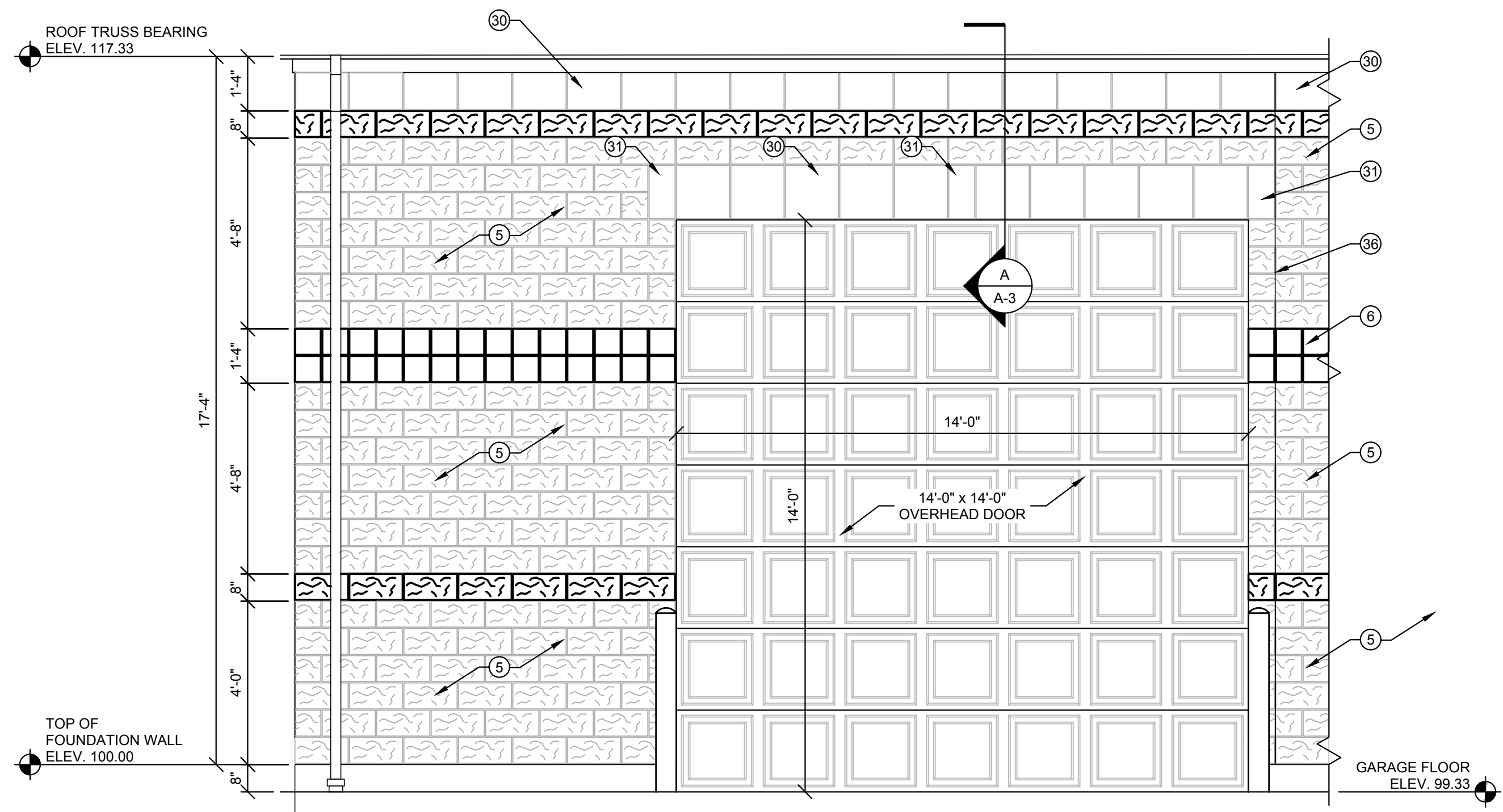
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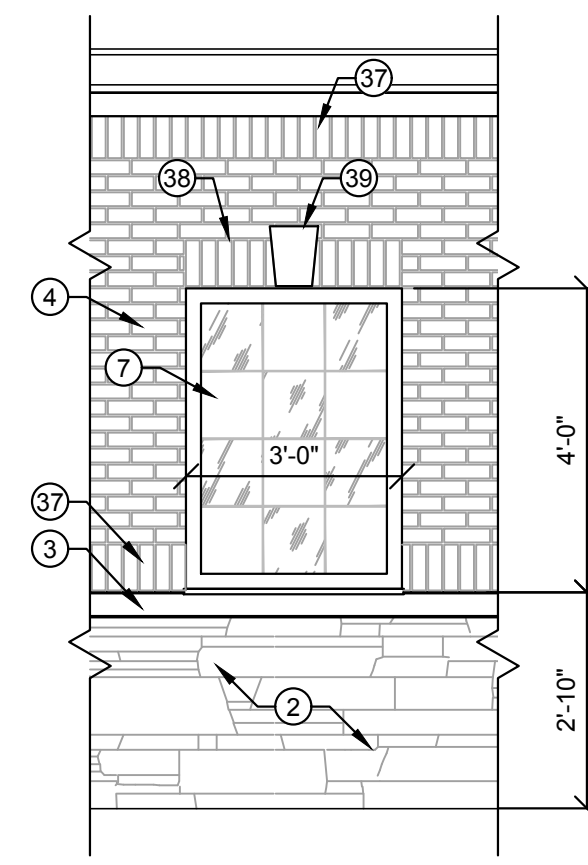
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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY
ARCHITECTURAL FLOOR PLAN

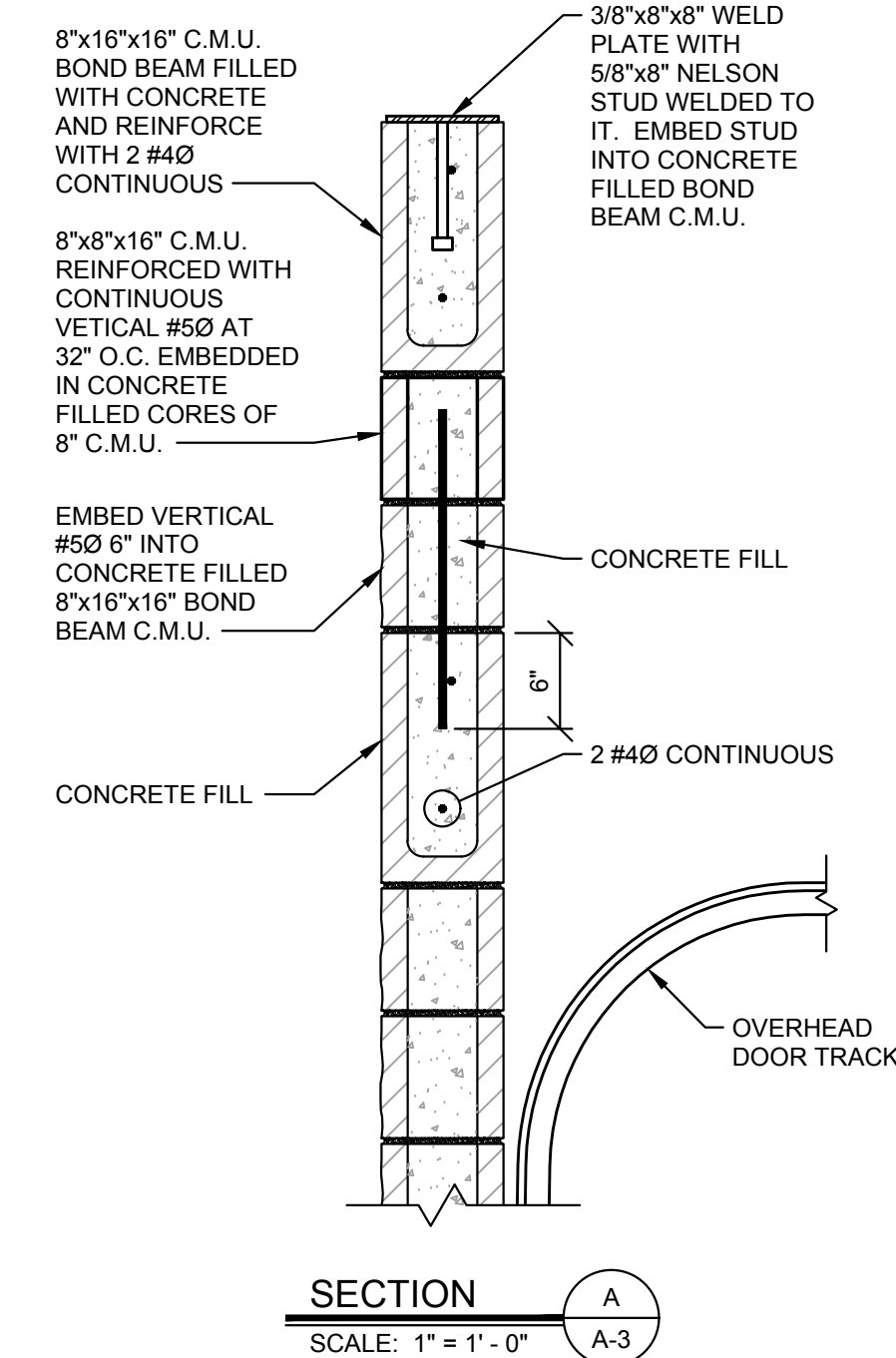
SHEET
A-1
OF
5



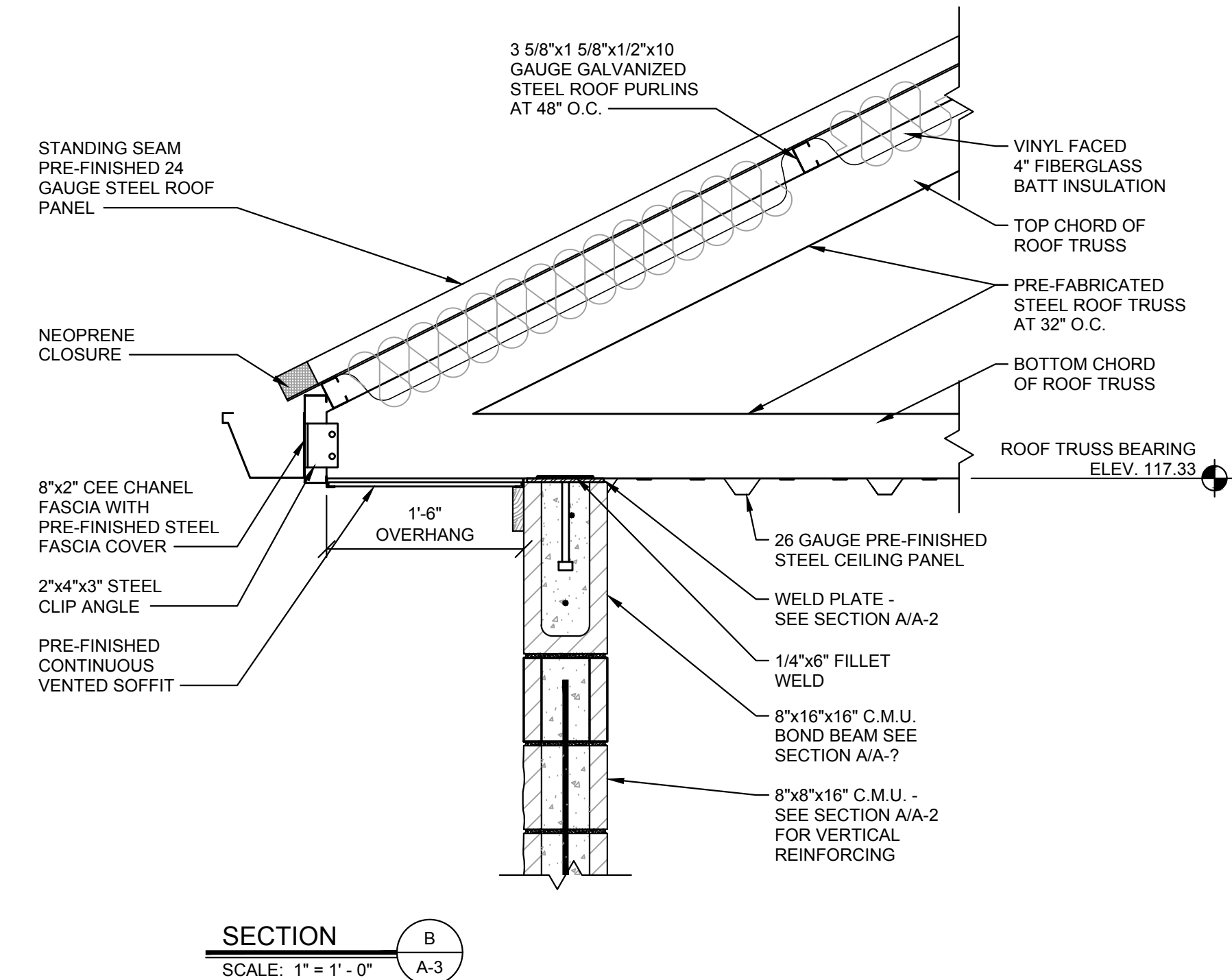
**GARAGE WALLS
MASONRY COURSING**
SCALE: 3/8" = 1' - 0"



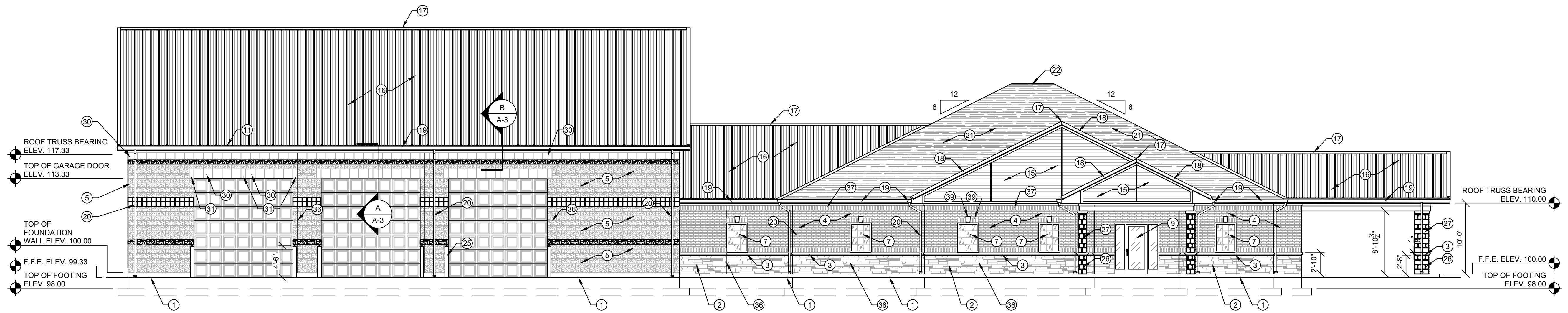
**TYPICAL WINDOW
ELEVATION**
SCALE: 3/8" = 1' - 0"



SECTION A-A
SCALE: 1" = 1' - 0"



SECTION B-B
SCALE: 1" = 1' - 0"



EAST ELEVATION (FRONT)
SCALE: 1/8" = 1' - 0"

BUILDING ELEVATION NOTES:

1. FINISHED GRADE - SEE SITE DEVELOPMENT PLAN AND VERIFY
2. ARRIS-CRAFT CULTURED STONE VENEER
3. ARRIS-CRAFT CULTURED STONE ILL. FACE BRICK VENEER
4. FACE BRICK VENEER
5. SPLIT-FACE CONCRETE MASONRY UNITS (C.M.U.)
6. REGULAR FACE C.M.U.
7. WINDOW
8. DOOR
9. DOOR WITH SIDELIGHTS
10. OVERHEAD DOOR
11. FASCIA TRIM
12. EAVE TRIM
13. FASCIA
14. EAVE
15. WOOD SIDING IN GABLE
16. PRE-FINISHED STEEL ROOF
17. PRE-FINISHED STEEL VENTED RIDGE CAP
18. PRE-FINISHED STEEL EAVE AND TRIM
19. PRE-FINISHED STEEL GUTTER
20. PRE-FINISHED STEEL DOWNSPOUT
21. SHINGLES
22. SHINGLE, VENTED RIDGE CAP
23. PRE-FINISHED STEEL VENTED SOFFIT
24. PAINTED STEEL INTAKE AIR LOUVER
25. STEEL PIPE BOLLARD
26. CULTURED STONE AROUND STRUCTURAL COLUMN
27. BRICK VENEER AROUND STRUCTURAL COLUMN
28. PERIMETER LIGHTING FIXTURE
29. EMERGENCY LIGHTING FIXTURE
30. REGULAR FACE 8" x 16" x 16" C.M.U. BOND BEAM
31. REGULAR FACE 8" x 16" x 8" C.M.U. BOND BEAM
32. 2' x 4' INTAKE AIR LOUVER
33. 6" ATTIC VENT LOUVER
34. 2' x 2' EXHAUST FAN LOUVER
35. ROOF VENT
36. EXPANSION AND CONTROL JOINTS
37. BRICK SOLDIER COURSING
38. BRICK SOLDIER COURSE HEAD @ WINDOW
39. ARRIS-CRAFT KEYSTONE

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
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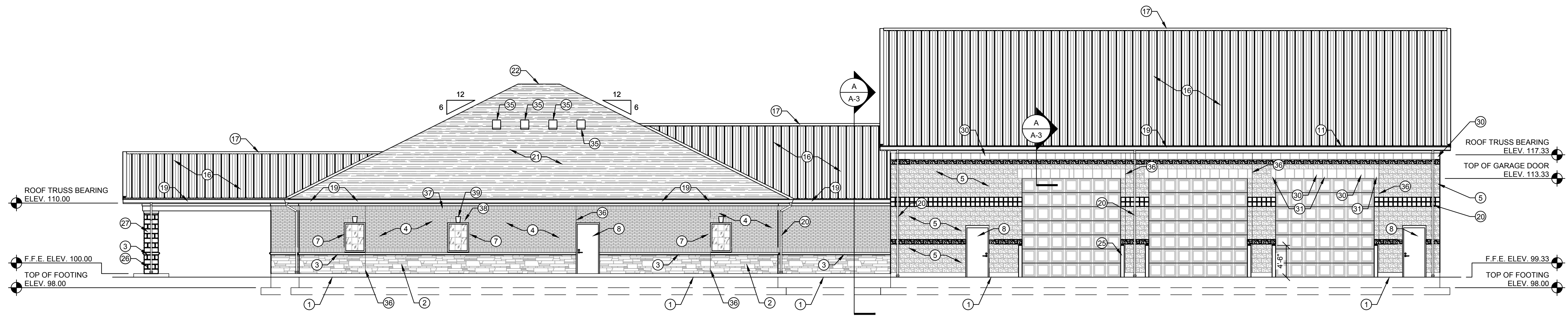
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SCALE: AS NOTED	
DESIGNED BY: RSW	
DRAWN BY: JH	
CHECKED BY: RSW	
RECORD DRAWINGS	

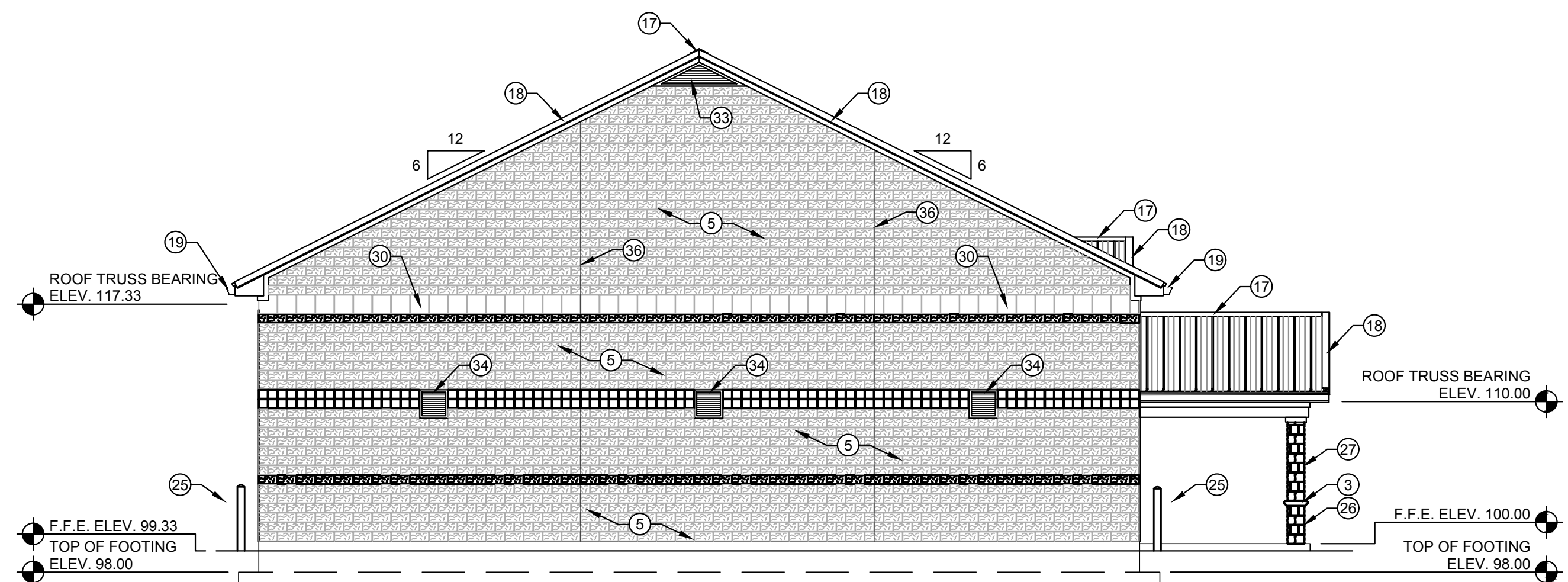
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**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**
BUILDING ELEVATIONS

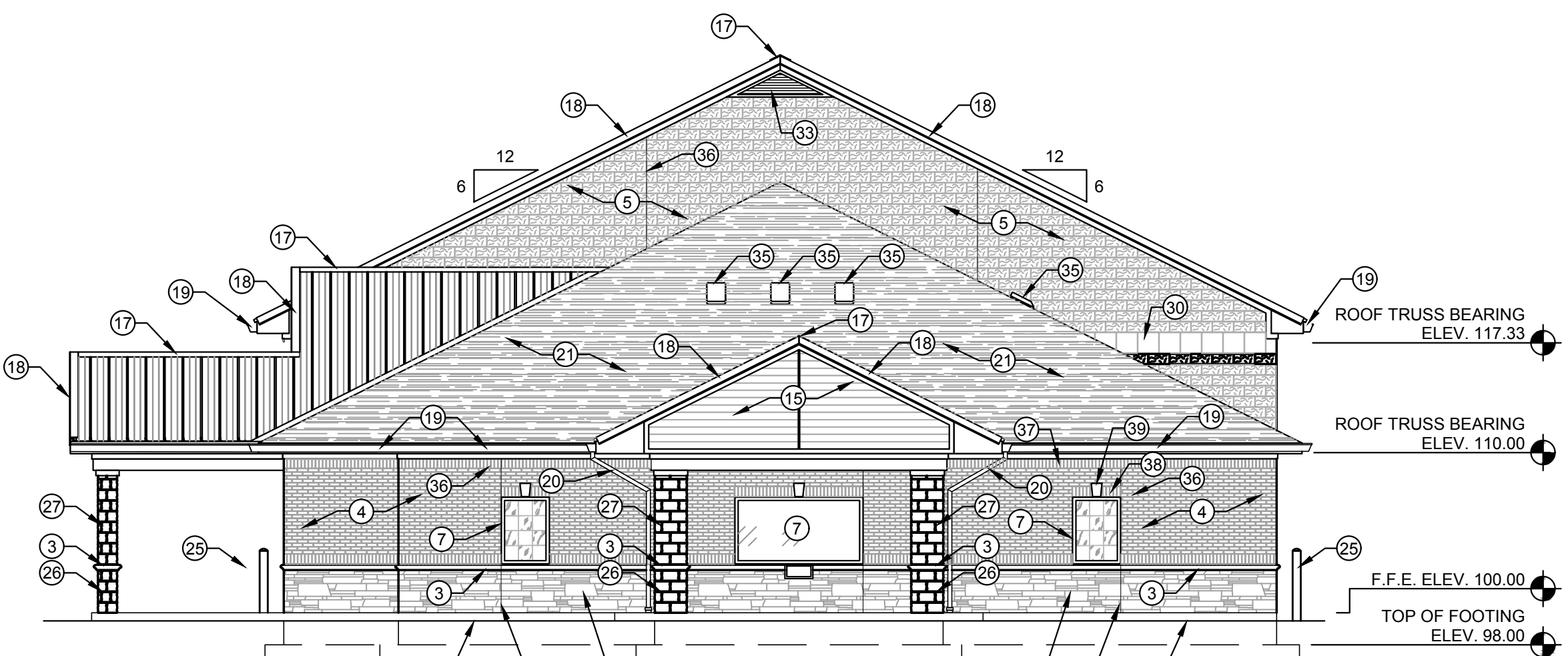
SHEET A-2 OF 5



WEST ELEVATION (REAR)
SCALE: 1/8" = 1' - 0"



SOUTH ELEVATION (LEFT)
SCALE: 1/8" = 1' - 0"



NORTH ELEVATION (RIGHT)
SCALE: 1/8" = 1' - 0"



SECTION A-A
SCALE: 1/8" = 1' - 0"

- BUILDING ELEVATION NOTES:**
1. FINISHED GRADE. SEE SITE DEVELOPMENT PLAN AND VERIFY
 2. CULTURED STONE VENEER
 3. CULTURED STONE SILL
 4. FACE BRICK VENEER
 5. SPLIT-FACE CONCRETE MASONRY UNITS (C.M.U.)
 6. REGULAR FACE C.M.U.
 7. WINDOW
 8. DOOR
 9. DOOR WITH SIDELIGHTS
 10. OVERHEAD DOOR
 11. FASCIA TRIM
 12. EAVE TRIM
 13. FASCIA
 14. EAVE
 15. WOOD SIDING IN GABLE
 16. PRE-FINISHED STEEL ROOF
 17. PRE-FINISHED STEEL, VENTED RIDGE CAP
 18. PRE-FINISHED STEEL EAVE AND TRIM
 19. PRE-FINISHED STEEL GUTTER
 20. PRE-FINISHED STEEL DOWNSPOUT
 21. SHINGLES
 22. SHINGLE, VENTED RIDGE CAP
 23. PRE-FINISHED STEEL, VENTED SOFFIT
 24. PAINTED STEEL INTAKE AIR LOUVER
 25. STEEL PIPE BOLLARD
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 27. BRICK VENEER AROUND STRUCTURAL COLUMN
 28. PERIMETER LIGHTING FIXTURE
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 31. REGULAR FACE 8" x 16" x 8" C.M.U. BOND BEAM
 32. 2' x 4' INTAKE AIR LOUVER
 33. 6" ATTIC VENT LOUVER
 34. 2' x 2' EXHAUST FAN LOUVER
 35. ROOF VENT
 36. CONTROL AND EXPANSION JOINT

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
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Lawrenceburg, KY 40342

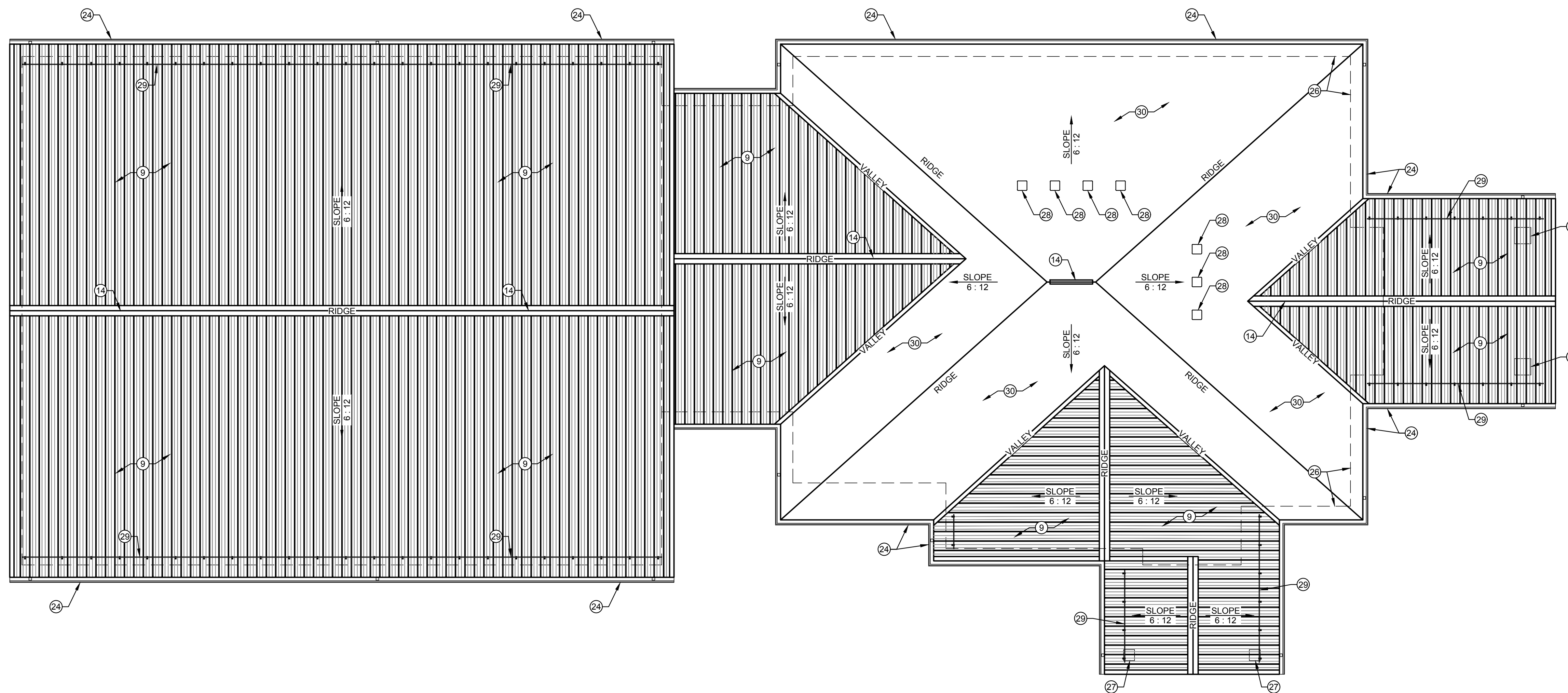
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**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

BUILDING ELEVATIONS

SHEET
A-3
OF
5

- ROOF FRAMING NOTES:**
1. PRE-FABRICATED, GALVANIZED STEEL ROOF TRUSSES MUST BE DESIGNED BY A KENTUCKY LICENSED ENGINEER TO SAFELY AND ADEQUATELY SUPPORT ALL LIVE, SNOW, WIND, SEISMIC AND DEAD LOADS IMPOSED ON THE ROOF COMPLETED ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE KENTUCKY BUILDING CODE, 2018 EDITION.
 2. FOUR COPIES OF THE ROOF TRUSS SHOP DRAWINGS ALONG WITH DESIGN CALCULATIONS MUST BE PREPARED, SEALED, SIGNED AND TRANSMITTED TO WHITAKER 2.
 3. PRE-FABRICATED, GALVANIZED STEEL ROOF TRUSS AT 32" O.C.
 4. 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF RAFTER AT 16" O.C.
 5. DOUBLE 12" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" CHANNEL ROOF RIDGE.
 6. 10" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" VALLEY MEMBER. PROPERLY ANCHOR VALLEY MEMBER TO ROOF TRUSS.
 7. GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR, WITH APPROPRIATE SIZE AND NUMBER OF SCREWS, RAFTERS TO VALLEY MEMBER.
 8. 3 1/2" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL ROOF PURLINS AT 48" O.C.
 9. 36" WIDE x 24 GAUGE G 90 GALVANIZED STEEL COMMERCIAL GRADE ROOF PANEL WITH 1 1/4" HIGH MAJOR RIBS AT 12" O.C. AND TWO MINOR RIBS BETWEEN MAJOR RIBS. SURFACE FINISH SHALL BE 1.0 MIL SILICON POLYESTER. COLOR SELECTED BY OWNER. ROOF PANELS MUST BE RATED TO SUPPORT A MINIMUM UNIFORM LOAD OF 95 P.S.F. WITH ROOF PURLINS AT 48" O.C.
 10. INSTALL 8 MIL CLASS 1 VAPOR BARRIER WITH A PERM OF 0.1 OR LESS UNDER ROOF PANELS AND OVER ROOF PURLINS.
 11. INSTALL 4" VINYL FACED FIBERGLASS BATT INSULATION WHERE NOTED.
 12. INSTALL 10" VINYL FACED FIBERGLASS BATT INSULATION WHERE NOTED.
 13. GALVANIZED STEEL ANGLE OF SIZE TO PROPERLY ANCHOR MEMBERS TOGETHER WITH APPROPRIATE NUMBER AND SIZE OF SCREWS.
 14. CONTINUOUS RIDGE VENT SELECTED TO BE COMPATIBLE WITH ROOF PANEL OR SHINGLES.
 15. 8" x 1 3/8" x 3/8" x 12 GAUGE GALVANIZED STEEL "CEE" CHANNEL FASCIA.
 16. W12 x 26 STEEL BEAM.
 17. PRESERVATIVE TREATED 2x4 NAILER ANCHORED TO FLANGE OF W12 x 26 BEAM WITH SELF-DRILLING ANCHOR SCREWS AT 24" O.C.
 18. 2x4 PRESERVATIVE TREATED STUDS AT 16" O.C.
 19. 1x8 POPLAR TRIM BOARD CUT TO FIT.
 20. 3/4" HIGH DENSITY OVERLAY BOARD.
 21. 1" x 4" POPLAR TRIM.
 22. PRE-FINISHED, CONTINUOUS VENTED ALUMINUM SOFFIT WITH "ELL" TRIM.
 23. PRE-FINISHED, CONTINUOUS VENTED ALUMINUM CEILING WITH "ELL" TRIM.
 24. 6" x 6" PRE-FINISHED ALUMINUM GUTTER INSTALLED TO POSITIVE DRAIN TO 6" x 4" PRE-FINISHED ALUMINUM DOWNSPOUTS. GUTTER PROFILE SUBJECT TO WHITAKER 2 APPROVAL.
 25. 6" x 1 5/8" x 1/2" x 10 GAUGE GALVANIZED STEEL "CEE" OUTLOOKER AT 24" O.C.
 26. LINE OF EXTERIOR WALL BELOW.
 27. COLUMN BELOW.
 28. ROOF VENT.
 29. ICE GUARD.
 30. ASPHALT SHINGLES.



WHITAKER 2
 1860 FRANKFORT ROAD
 SHELBYVILLE, KENTUCKY 40065
 502-633-4981 / 502-633-0377

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ROOF FRAMING PLAN
 SCALE: 1/8" = 1' - 0"

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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY
 ROOF PLAN

DOOR NO.	DOOR TYPE	MAT.	SIZE	FRAME	MAT.	LABEL	HW	REMARKS & NOTES
1	SF	AL	3'-0" x 7'-0"	FL	A		1	SIDELITES
2	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
3	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
4	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
5	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
6	C	AL	11'-8" x 8'-0"	FL	A		8	
7	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	4	
8	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
9	FL	WE	3'-0" x 6'-8"	WA	S	20 MIN.	2	
10	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
11	FL	ST	8'-0" x 7'-0"	F	S		1	
12	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	2	
13	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	7	
14	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	7	
15	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
16	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	7	
17	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
18	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
19	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
20	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
21	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
22	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
23	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	4	
24	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
25	FL	WD	3'-0" x 6'-8"	WA	S	20 MIN.	3	
26	FL	ST	3'-0" x 7'-0"	WA	S	90 MIN.	4	"B" LABEL
27	FL	ST	3'-0" x 6'-8"	WA	S		2	
28	OH	ST	6'-0" x 8'-0"	FL	S			MFR
29	FL	ST	3'-0" x 6'-8"	WA	S		2	
30	FL	ST	3'-0" x 6'-8"	WA	S		2	
31	OH	ST	8'-0" x 8'-0"	FL	S			MFR
32	OH	ST	14'-0" x 14'-0"	FL	S			MFR
33	OH	ST	14'-0" x 14'-0"	FL	S			MFR
34	OH	ST	14'-0" x 14'-0"	FL	S			MFR
35	FL	ST	3'-0" x 7'-0"	FL	S		1	
36	FL	ST	3'-0" x 7'-0"	FL	S		1	
37	OH	ST	14'-0" x 14'-0"	FL	S			MFR
38	OH	ST	14'-0" x 14'-0"	FL	S			MFR
39	OH	ST	14'-0" x 14'-0"	FL	S			MFR
40	FL	ST	3'-0" x 7'-0"	FL	ST		1	

ABBREVIATIONS

A - ALUMINUM	FL - FLUSH	SF - STOREFRONT
OH - OVERHEAD	ST - STEEL	WA - WRAP AROUND
C - COILING SECURITY DOOR	MFR - MANUFACTURER'S	

DOOR HARDWARE NOTES:

- HARDWARE SETS:**
 - SET #1 PANIC HARDWARE, LOCKABLE, EXTERIOR THUMBLATCH CLOSURE WEATHERSTRIPPING & THRESHOLD
 - SET #2 LOCKSET, LEVER ACTION
 - SET #3 LOCKSET, LEVER ACTION, CLOSURE
 - SET #4 PANIC HARDWARE, LEVER ACTION, CLOSURE
 - SET #5 OVERHEAD DOOR MANUFACTURER'S DOOR OPERATOR, LOCK SYSTEM & WEATHER SEAL
 - SET #6 LOCKSET, LEVER ACTION, CLOSURE, WATERSTOP THRESHOLD
 - SET #7 PUSH-PULL, CLOSURE, PRIVACY LOCK
 - SET #8 COILING DOOR MANUFACTURER'S HARDWARE WITH LOCK
- ADA COMPLIANT:** DOOR HARDWARE INCLUDING HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATION DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS.
- ALL THUMBLATCHES SHALL BE RELEASED BY OPERATION OF PANIC HARDWARE ON DOORS EQUIPPED WITH PANIC HARDWARE.
- ALL EGRESS DOORS SHALL BE READILY OPERABLE FROM EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CLG.	CLG. HT.	REMARKS & NOTES
100	VESTIBULE	LVT	V	FD	FD	FD	9'-8 7/8" 1 HR. RATED
101	CORRIDOR - 1	LVT	V	FD	FD	FD	9'-8 7/8" 1 HR. RATED
102	CORRIDOR - 2	LVT	V	FD	FD	FD	9'-8 7/8" 1 HR. RATED
103	OFFICE MANAGER	C	V	D	D	FD	9'-6" 1 HR. RATED
104	RECEPTIONIST	C	V	D	FD	FD	9'-8 7/8" 1 HR. RATED
105	PUBLIC RESTROOM	LVT	V	FD	ED	ED	9'-11 3/8"
106	MANAGER	C	V	D	FD	D	SAT 9'-6"
107	CONFERENCE	C	V	D	FD	D	SAT 9'-6"
108	MECHANICAL	SC	V	D	FD	D	9'-11 3/8"
109	I.T. ROOM	C	V	FD	FD	D	SAT 9'-6"
110	OFFICE - 2	C	V	D	FD	D	SAT 9'-6"
111	OFFICE - 1	C	V	CM	CM	CM	D 9'-7 3/4"
112	MEN	LVT	V	FD	D	D	SAT 9'-5"
113	WOMEN	LVT	V	FD	D	D	SAT 9'-6"
114	SUPPLIES	LVT	V	D	D	FD	SAT 9'-6"
115	PLAN FILE	LVT	V	FD	D	FD	SAT 9'-6"
116	MEETING	C	V	D	FD	D	SAT 9'-6"
117	BREAK ROOM - 1	LVT	V	FD	D	D	SAT 9'-6"
118	CORRIDOR - 3	LVT	V	FD	FD	D	SAT 9'-6" 1 HR. RATED
119	STORAGE - 1	SC	V	FD	FD	D	SAT 9'-6"
120	RESTROOM - 1	LVT	V	D	D	D	SAT 9'-6"
121	BREAK ROOM - 2	LVT	V	FD	D	D	SAT 9'-6"
122	MAINTENANCE	SC	V	FD	D	D	-----
123	STORAGE - 2	SC	V	FD	D	D	-----
124	METER TESTING	SC	V	D	D	D	-----
125	GARAGE	SC	V	CM	CM	CM	-----

ABBREVIATIONS

LVT - LUXURY VINYL TILE
C - CARPET
SC - SEALED CONCRETE
V - DRYWALL
D - DRYWALL - PAINTED
SAT - SUSPENDED ACOUSTICAL TILE
CM - SEALED & PAINTED CONCRETE MASONRY UNITS
ED - EPOXY COATED WATER RESISTANT DRYWALL
FD - FIRE RATED DRYWALL

MARK	MANUFACTURER	TYPE OR MODEL NUMBER	ROUGH OPENING SIZE (VERIFY)
A	KAWNEER *	2" x 6" FRAME	3'-0 1/4" x 4'-0 1/4"
B	KAWNEER	2" x 4" FRAME	3'-0 1/4" x 4'-0 1/4"
C	KAWNEER	2" x 4" FRAME	4'-0 1/4" x 4'-0 1/4"

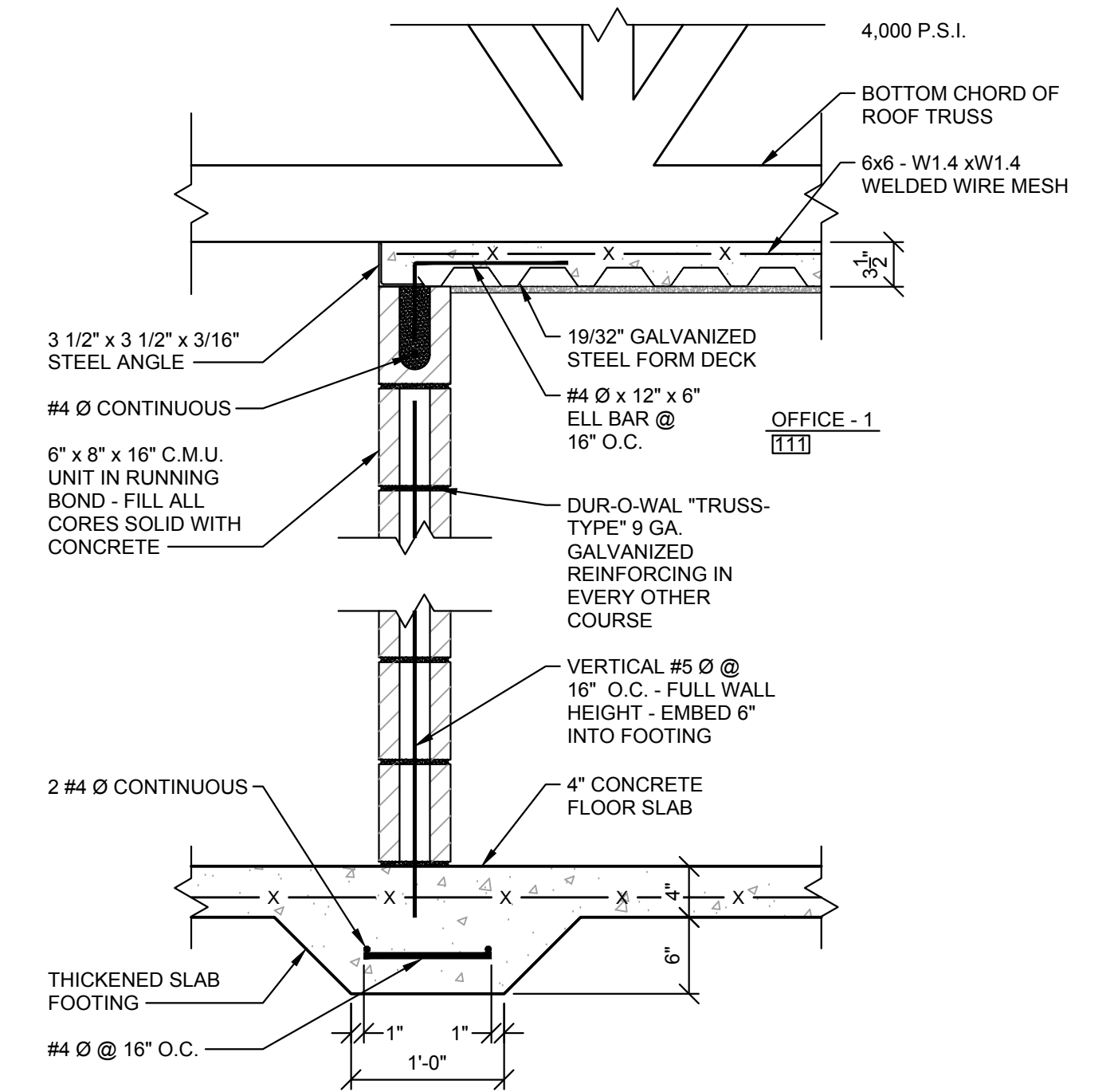
* OR APPROVED EQUAL

WINDOW FRAME NOTES:

- FRAMES SHALL BE EXTRUDED ALUMINUM, ANODIZED.
- EXTERIOR FRAMES SHALL HAVE THERMAL BREAK.
- COLOR OF FRAMES SELECTED BY OWNER.
- INTERIOR WINDOWS "B" & "C" SHALL BE U.L. LISTED AS 1.5 FIRE RATED.

GLAZING NOTES:

- ALL GLAZING WITHIN 36" OF A WALKING SURFACE MUST BE SAFETY GLAZING.
- ALL GLAZING IN SWINGING DOORS MUST BE SAFETY GLAZING.
- ALL SAFETY GLAZING SHALL MEET THE REQUIREMENTS OF CPSC 16 CFR 1201, CATEGORY I OR II AS DETERMINED BY SECTION R 308, KRC, LATEST EDITION.
- GLAZING SHALL BE DOUBLE PANE PPG INSULATING GLASS WITH PLASTIC GRIDS SIMULATING 12 INDIVIDUAL PANES BETWEEN INBOARD & OUTBOARD GLASS. COLOR OF GRIDS SHALL BE SELECTED BY OWNER.
- OUTBOARD (EXTERIOR) GLASS SHALL BE TINTED. COLOR OF TINT SHALL BE SELECTED BY OWNER.



TYPICAL FOOTING, WALL & CEILING SECTION FOR ALTERNATE "STORM ROOM" 111

SCALE: 1" = 1'-0"

SUBMIT ALTERNATE BID FOR THIS WORK

WHITAKER 2
 1860 FRANKFORT ROAD
 SHELBYVILLE, KENTUCKY 40065
 502-633-4981 / 502-633-0377

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PROJECT: 467	DATE: 05/28/2020
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DESIGNED BY: RSW	
DRAWN BY: JH	
CHECKED BY: RSW	
RECORD DRAWINGS	

CANN-TECH, LLC
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 Lawrenceburg, KY 40342

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**LCWD 2020 OFFICE BUILDING
 LARUE COUNTY WATER DISTRICT
 LARUE COUNTY, KENTUCKY**

DOOR, FINISH & WINDOW SCHEDULE

SHEET
 A-5
 OF
 5

SHOP VENTILATION SYSTEM NOTES:

- THE SHOP VENTILATION SYSTEM CONSISTING OF EXHAUST FANS & MOTORIZED LOUVERS & MOTORIZED AIR INTAKE LOUVERS SHALL BE INSTALLED TO ACTIVATED BY ANY OR ALL OF THE FOLLOWING:
 - DETECTION OF CARBON MONOXIDE
 - RAISE IN AMBIENT TEMPERATURE ABOVE AN ADJUSTABLE, PRE-SET TEMPERATURE LIMIT
 - MANUAL OVERRIDE SWITCH. SWITCH SHALL HAVE AN AUTOMATIC RESET
- THE MECHANICAL CONTRACTOR SHALL FURNISH & INSTALL THE EXHAUST FANS & MOTORIZED LOUVERS.
- THE GENERAL BUILDING CONTRACTOR SHALL FURNISH AND INSTALL STRUCTURAL FRAMING, FLASHING & WATERPROOFING FOR THE MOTORIZED LOUVERS & EXHAUST FAN PENETRATIONS THROUGH THE EXTERIOR WALLS. THE GENERAL BUILDING CONTRACTOR SHALL FURNISH & INSTALL VANDAL RESISTANT SCREENS OVER THE LOUVERS. THE SCREENS SHALL NOT RESTRICT AIR FLOW.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL ALL POWER WIRING, CONTROL WIRING, DEVICES, SENSORS, ECT. AS NECESSARY FOR A COMPLETE & OPERABLE VENTILATION SYSTEM.

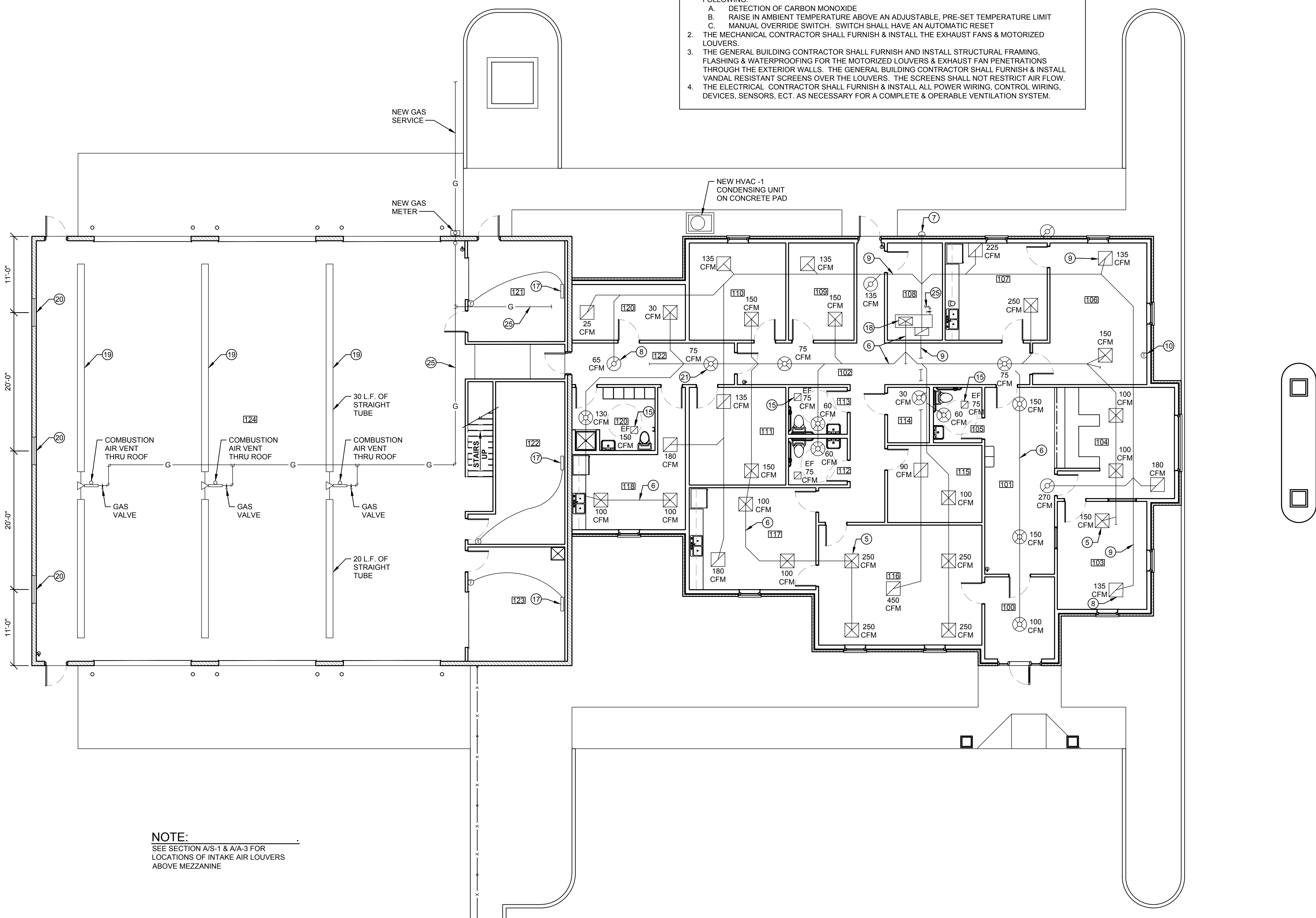
- MECHANICAL NOTES:**
- THE INSTALLATION OF ALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS SHALL BE PERFORMED BY A LICENSED KENTUCKY MASTER HEATING, VENTILATING & AIR CONDITIONING (HVAC) CONTRACTOR.
 - SMOKE DETECTORS CAPABLE OF SHUTTING DOWN THE HVAC SYSTEM SHALL BE INSTALLED DOWNSTREAM OF FILTERS AND BEFORE ANY BRANCH CONNECTION IN SUPPLY AIR SYSTEM OF MORE THAN 2,000 C.F.M.
 - FLEXIBLE DUCTS AND CONNECTORS SHALL COMPLY WITH UL 181 AND ALL DUCT MATERIALS SHALL HAVE A FLAME SPREAD RATE OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS.
 - HVAC CONTRACTOR SHALL SUBMIT 4 COPIES OF SHOP DRAWINGS TO WHITAKER 2 SHOWING DETAILS OF CONSTRUCTION INSTALLATION OF ALL HVAC SYSTEMS. THESE DRAWINGS SHALL SHOW COMPLIANCE WITH INTERNATIONAL MECHANICAL CODE 2015 & KENTUCKY BUILDING CODE, 2018.
 - CEILING MOUNTED SUPPLY AIR DIFFUSER.
 - SUPPLY AIR DUCT.
 - OUTSIDE AIR INTAKE LOUVER WITH MANUALLY ADJUSTABLE DAMPER.
 - CEILING MOUNTED RETURN AIR GRILLE.
 - RETURN AIR DUCT.
 - THERMOSTAT.
 - HVAC CONTRACTOR SHALL INSTALL PRIMARY AND SECONDARY CONDENSATE COLLECTION & DISPOSAL SYSTEM @ EACH AIR HANDLER PER INTERNATIONAL MECHANICAL CODE.
 - CONNECT ALL DUCTS TO AIR HANDLERS WITH FLEXIBLE CONNECTORS TO REDUCE VIBRATIONS & NOISE.
 - INSTALL INSULATION ON EXTERIOR OF ALL SUPPLY & RETURN DUCTS.
 - ALL SUPPLY & RETURN AIR DIFFUSERS SHALL BE EQUIPPED WITH ADJUSTABLE DAMPERS TO FACILITATE AIR BALANCE.
 - TOILET EXHAUST FAN. DUCT THRU ROOF VIA GALVANIZED STEEL DUCT & TERMINATE WITH RAIN CAP & INSECT SCREEN.
 - LIGHTING FIXTURE SHOWN AS REFERENCE POINT.
 - 2,000 WATT ELECTRIC UNIT HEATER WITH REMOTE THERMOSTAT.
 - SPLIT SYSTEM ELECTRIC COOLING/GAS HEAT HVAC SYSTEM WITH FOLLOWING MINIMUM SPECIFICATIONS:
 - 148,000 BTUH COOLING CAPACITY
 - 240,000 BTUH HEATING CAPACITY
 - 13.00 SEER
 - 80% APFUE
 - ROBERTS - GORDON, OR APPROVED EQUAL, VANTAGE RADIANT HEATER WITH 20' & 30' TUBES. VENT HEATER THROUGH ROOF VIA GALVANIZED DUCT WITH RAIN CAP & FLASHING.
 - GARAGE VENTILATION EXHAUST FANS SHALL BE INDUSTRIAL AIR, OR APPROVED EQUAL, 033 DIRECT DRIVE PANEL VENTURI FANS PROVIDING 3,193 CFM @ 870 RPM 1/2 HP MOTOR.
 - INSTALL U.L. LISTED 1.5 HOUR RATED FIRED DAMPERS WHEREVER DUCTS PENETRATE 1 HOUR FIRE RESISTIVE RATED CEILINGS. DO NOT INSTALL ADJUSTABLE DAMPERS IN DUCTS WITH FIRE DAMPERS.
 - DIFFUSERS & GRILLES IN SUSPENDED ACOUSTICAL TILE CEILINGS SHALL BE SQUARE.
 - DIFFUSERS & GRILLES IN DRYWALL CEILINGS SHALL BE ROUND.
 - COORDINATE LOCATIONS OF DIFFUSERS, GRILLES & EXHAUST FANS WITH LOCATIONS OF LIGHTING FIXTURES.
 - INSTALL GAS PIPING FROM NEW GAS METER TO RADIANT HEATERS IN GARAGE & GAS BURNERS IN HVAC AIR HANDLER IN MECHANICAL ROOM PER CODE.

AIR BALANCE SCHEDULE - HVAC #1 - 12 TONS

ROOM #	ROOM NAME	# PEOPLE	SUPPLY	RETURN	EXHAUST	OUTSIDE AIR *
100	VESTIBULE	---	100	---	---	10
101	CORRIDOR - 1	---	300	270	---	20
102	CORRIDOR - 2	---	150	135	---	10
103	OFFICE MANAGER	2	150	135	---	10
104	RECEPTIONIST	3	200	180	---	15
105	PUBLIC RR	---	60	---	75	5
106	MANAGER	2	150	135	---	10
107	CONFERENCE	4	250	225	---	20
108	MECHANICAL	---	20	---	---	5
109	I.T. ROOM	---	150	135	---	15
110	OFFICE - 2	2	150	135	---	10
111	OFFICE - 1	2	150	135	---	10
112	MEN	---	60	---	75	5
113	WOMEN	---	60	---	75	5
114	SUPPLIES	---	30	---	---	5
115	PLAN FILE	2	100	90	---	10
116	MEETING	10	500	450	---	25
117	BREAK - 1	4	200	180	---	20
118	CORRIDOR - 3	---	75	65	---	5
119	STORAGE - 1	---	30	25	---	5
120	RESTROOM - 1	---	130	---	150	10
121	BREAK - 2	4	200	180	---	20
TOTALS		35	3215	2475	375	250

WHITAKER 2
 1860 FRANKFORT ROAD
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NOTE:
 SEE SECTION A/S-1 & A/A-3 FOR
 LOCATIONS OF INTAKE AIR LOUVERS
 ABOVE MEZZANINE

MECHANICAL PLAN
 SCALE: 1/8" = 1'-0"

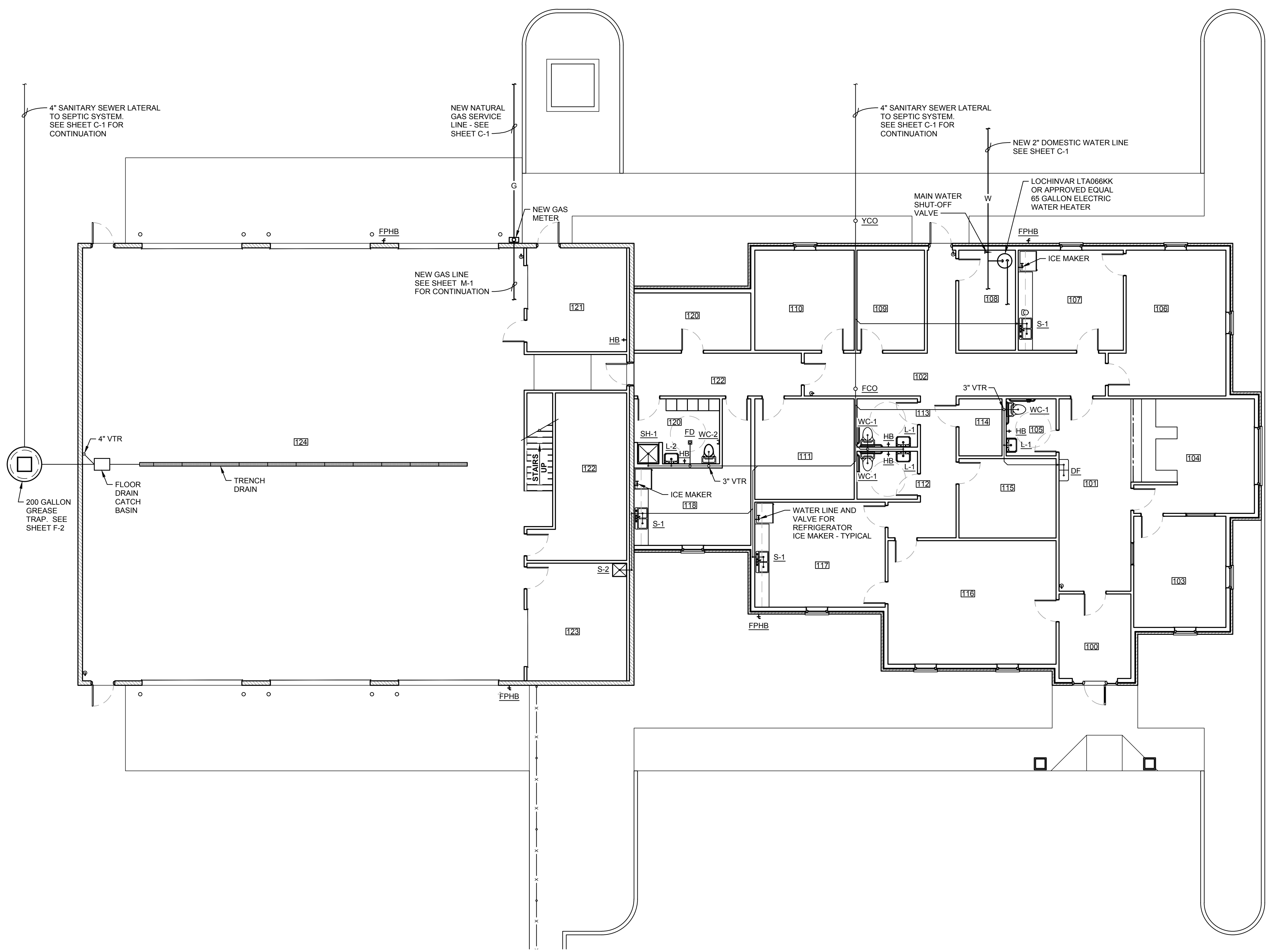
PROJECT: 467	DATE: 05/28/2020
SCALE: AS NOTED	
DESIGNED BY: RSW	
DRAWN BY: JH	
CHECKED BY: RSW	
RECORD DRAWINGS	

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LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY

MECHANICAL FLOOR PLAN

SHEET
 M-1
 OF
 1



PLUMBING NOTES:
 1. ALL THOUGH NOT SHOWN IN PLAN VIEW ON THIS SHEET ALL S-1 & S-2 SINKS MUST HAVE WASTE DIRECTLY CONNECT TO INFLOOR GREASE TRAP. SEE SHEET P-2 FOR DETAILS.

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

WHITAKER 2
 1860 FRANKFORT ROAD
 SHELBYVILLE, KENTUCKY 40065
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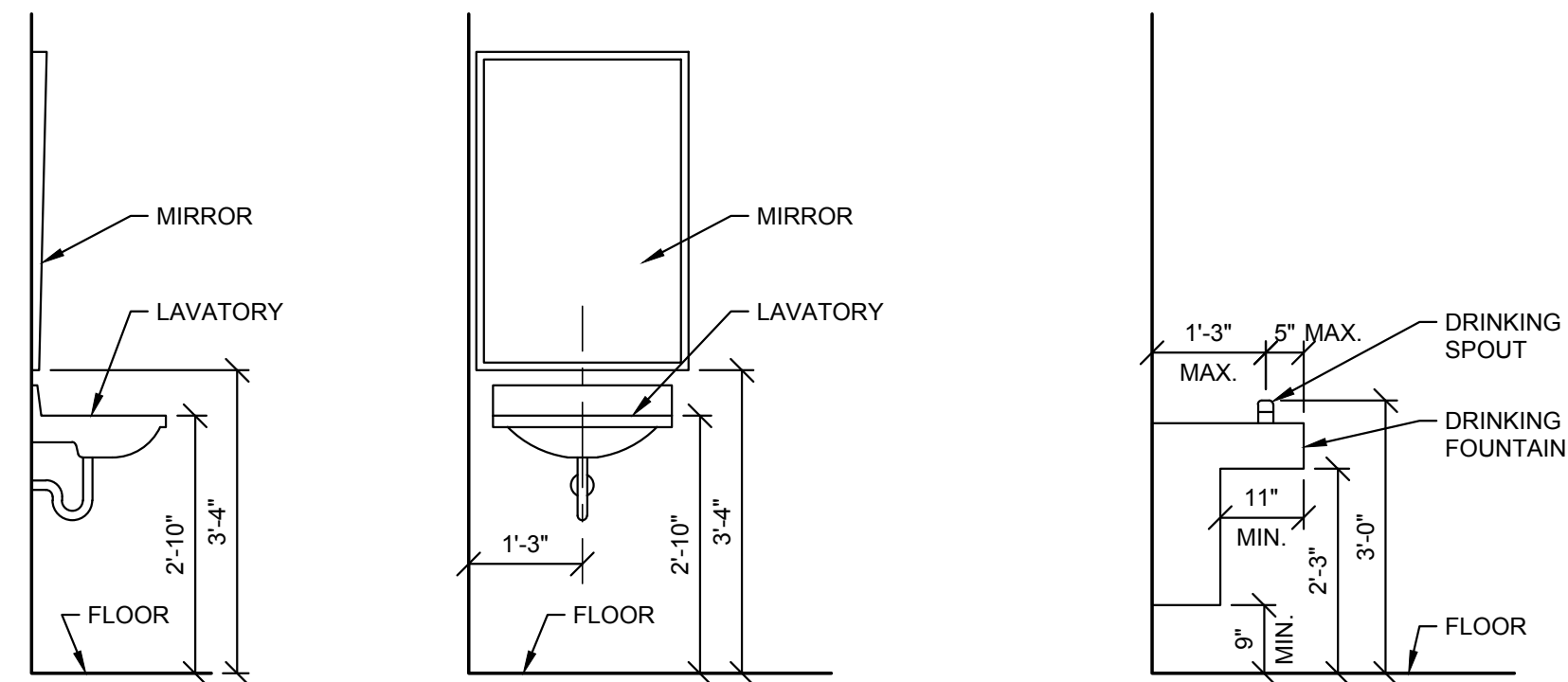
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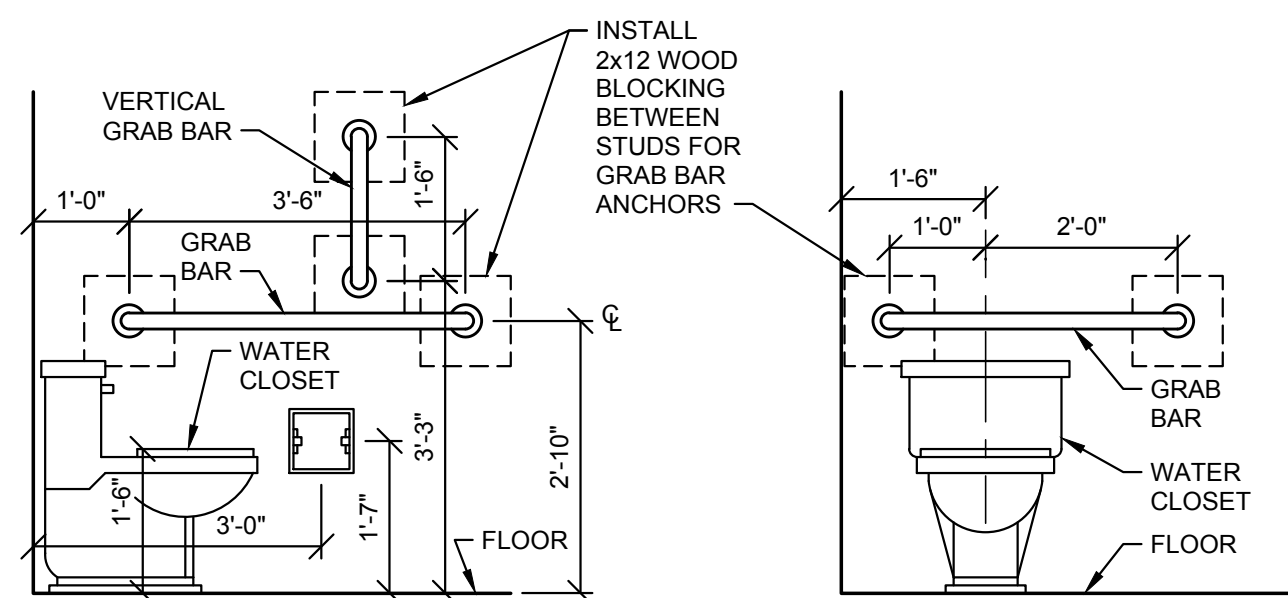
LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY

PLUMBING FLOOR PLAN

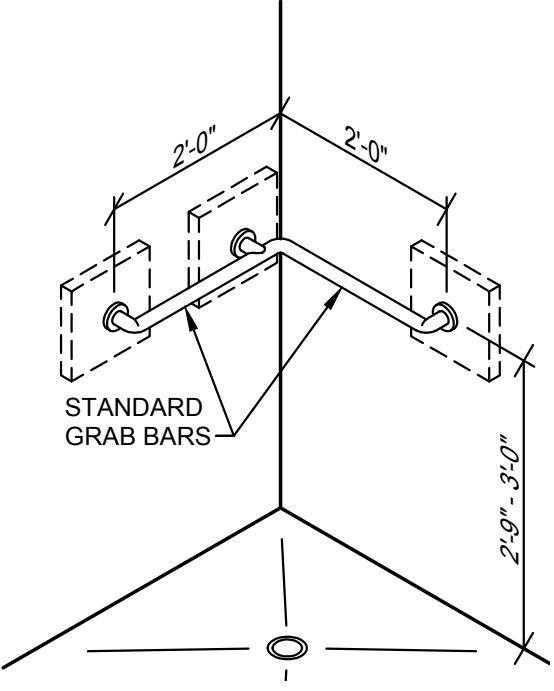
SHEET P-1
OF 2



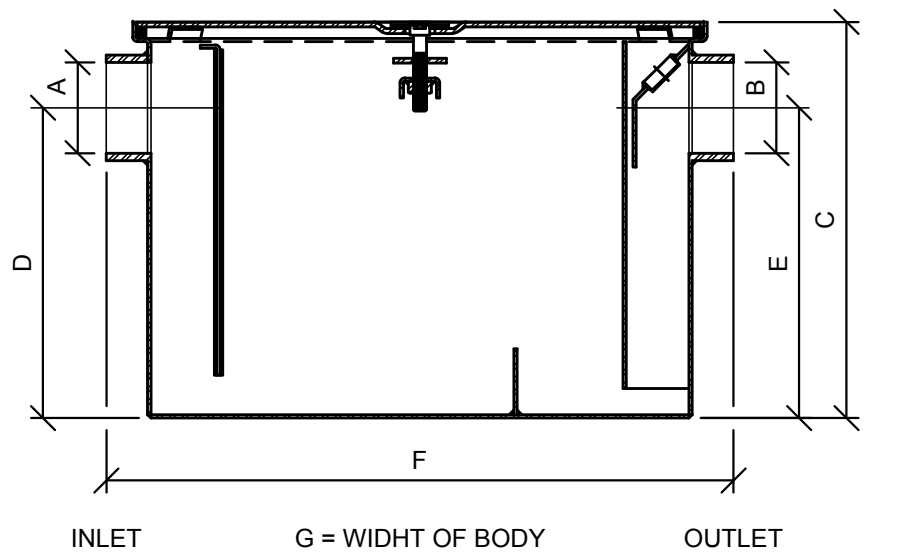
FIX. ABR.	FIXTURE	DOMESTIC WATER		WASTE BRANCH	COMMENTS
		COLD	HOT		
WC-1	WATERCLOSET	1/2"	-----	3"	ADA COMPLIANT
WC-2	WATERCLOSET	1/2"	-----	3"	
L-1	LAVATORY	1/2"	1/2"	1-1/2"	ADA COMPLIANT
S-1	SINK	1/2"	1/2"	1-1/2"	2 COMPARTMENT
S-2	SINK	1/2"	1/2"	1-1/2"	JANITOR
FD	FLOOR DRAIN	-----	-----	3"	
HB	HOSE BIBB	1/2"	-----	-----	
FCO	FLOOR CLEAN OUT	-----	-----	4"	
YCO	YARD CLEAN OUT	-----	-----	4"	
WH	WATER HEATER	3/4"	3/4"	-----	65 GAL. ELECTRIC
FPFB	FREEZE PROOF HOSE BIBB	3/4"	-----	-----	
SH	SHOWER	1/2"	1/2"	2"	
DW	DRINKING FOUNTAIN	1/2"	-----	1 - 1 1/2"	ADA COMPLIANT



ACCESSIBLE PLUMBING FIXTURE DETAILS
SCALE: N.T.S.

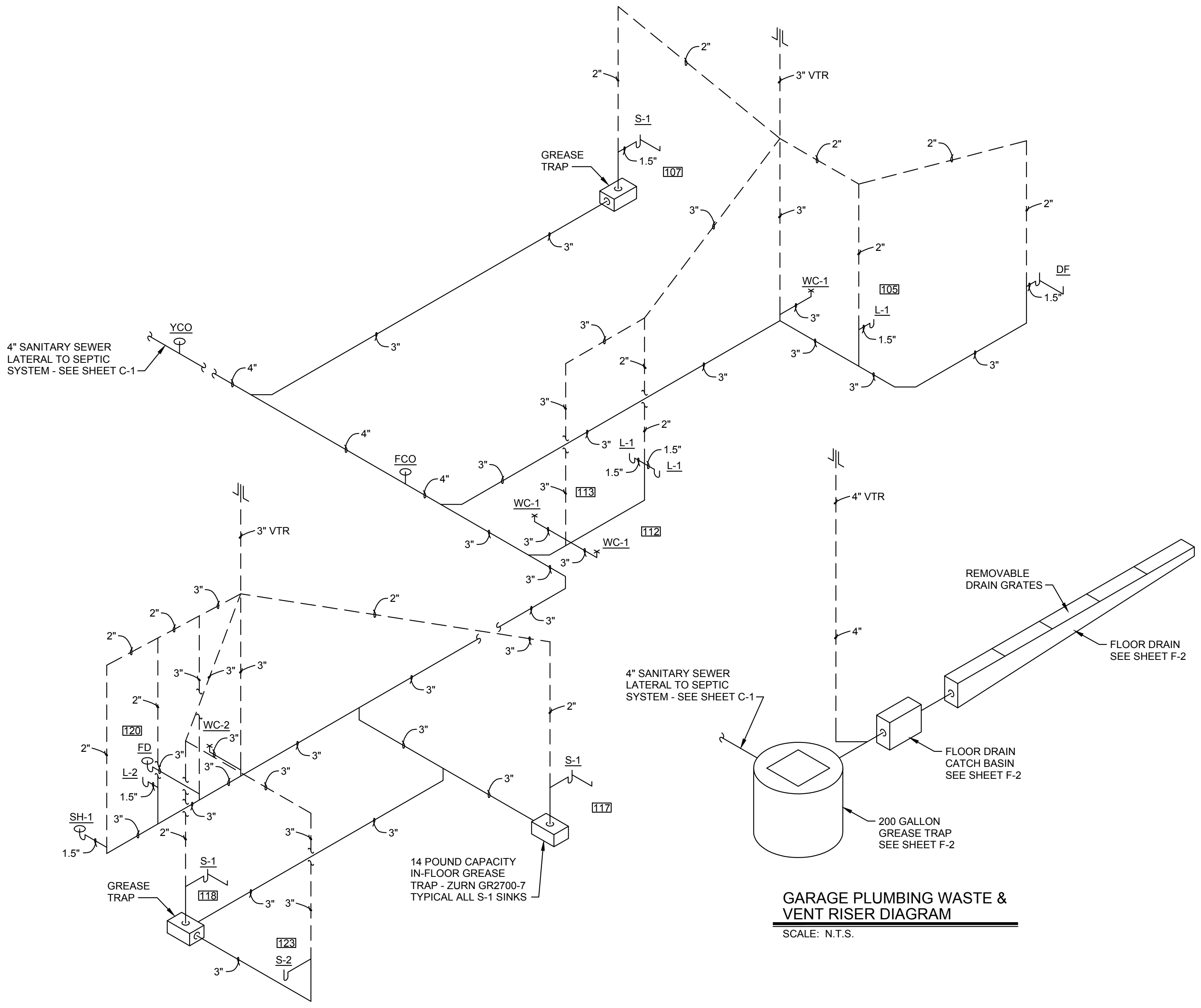


ACCESSIBLE SHOWER STALL
SCALE: N.T.S.



MODEL NUMBER	A/B INLET/OUTLET NO-HUB	FLOW RATE G.P.M. [L]	CAPACITY GREASE LBS. [kg]	DIMENSION IN INCHES			
				C	D/E	F	G
GT2700-7	2 [51]	7 [26]	4 [6]	11 1/8 [283]	8 1/8 [206]	17 1/4 [438]	11 7/8 [302]

ZURN IN-FLOOR GREASE TRAP GT2700 - 7
SCALE: N.T.S.



PLUMBING WASTE & VENT RISER DIAGRAM
SCALE: N.T.S.

GARAGE PLUMBING WASTE & VENT RISER DIAGRAM
SCALE: N.T.S.

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
502-633-4981 / 502-633-0377

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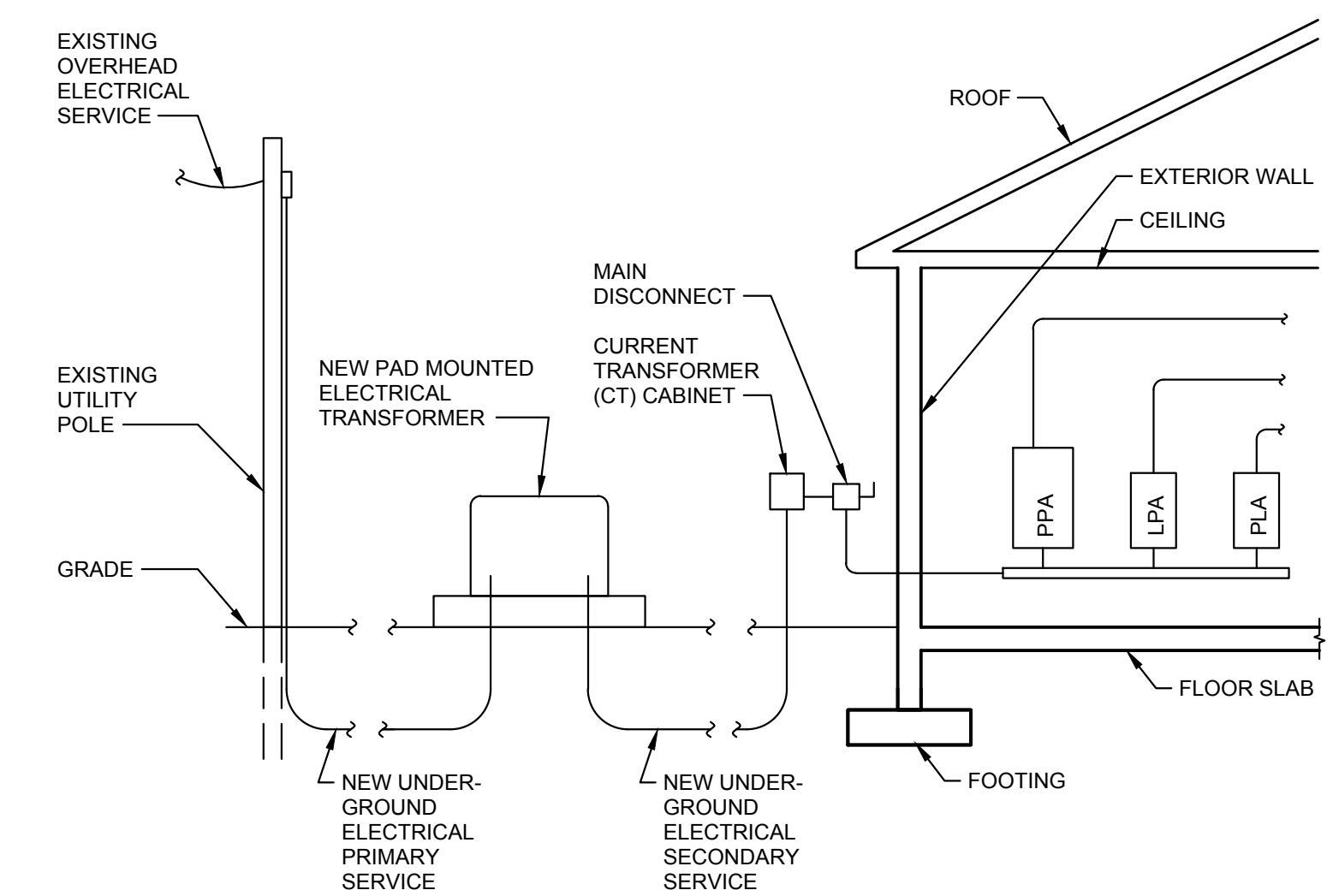
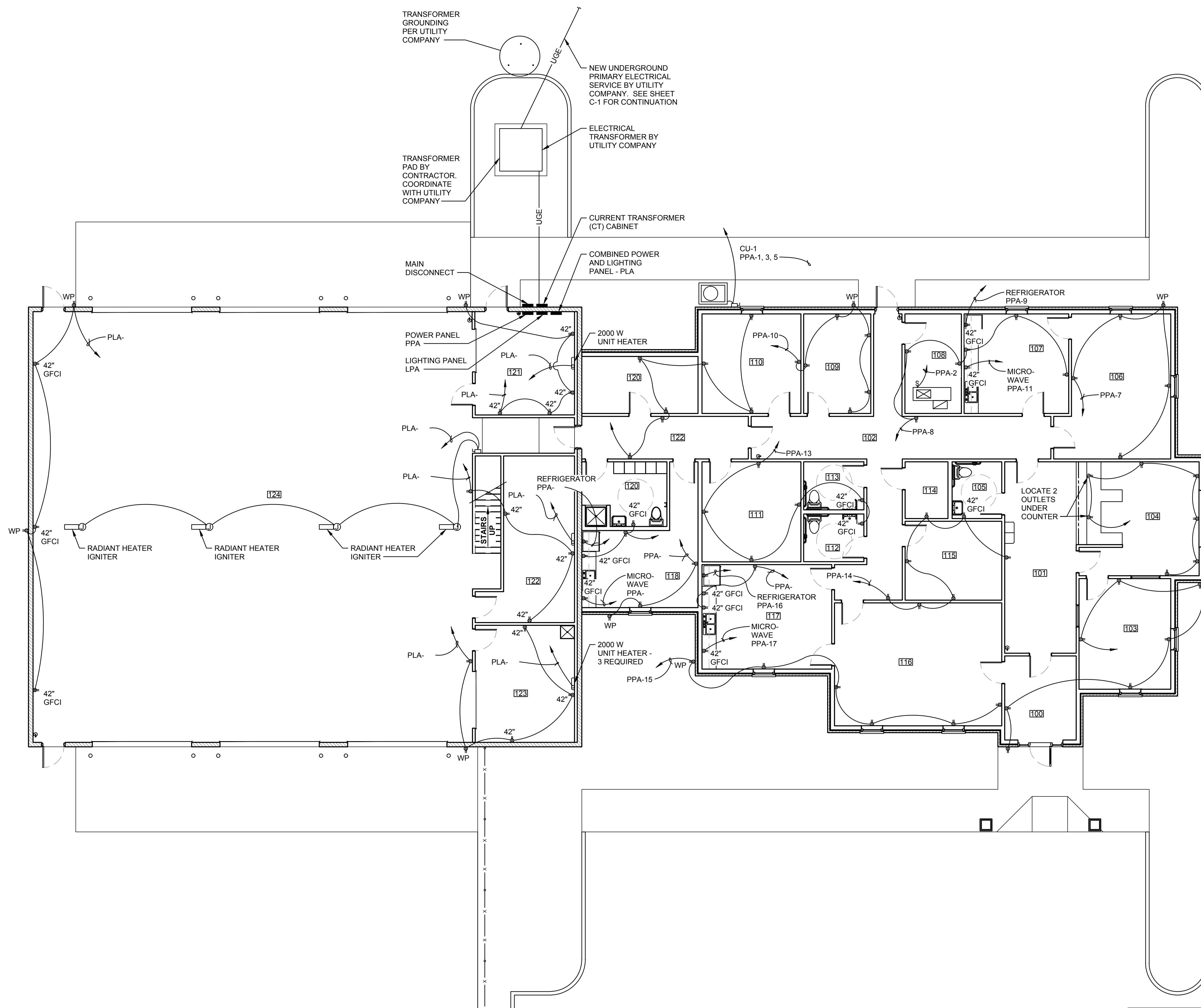
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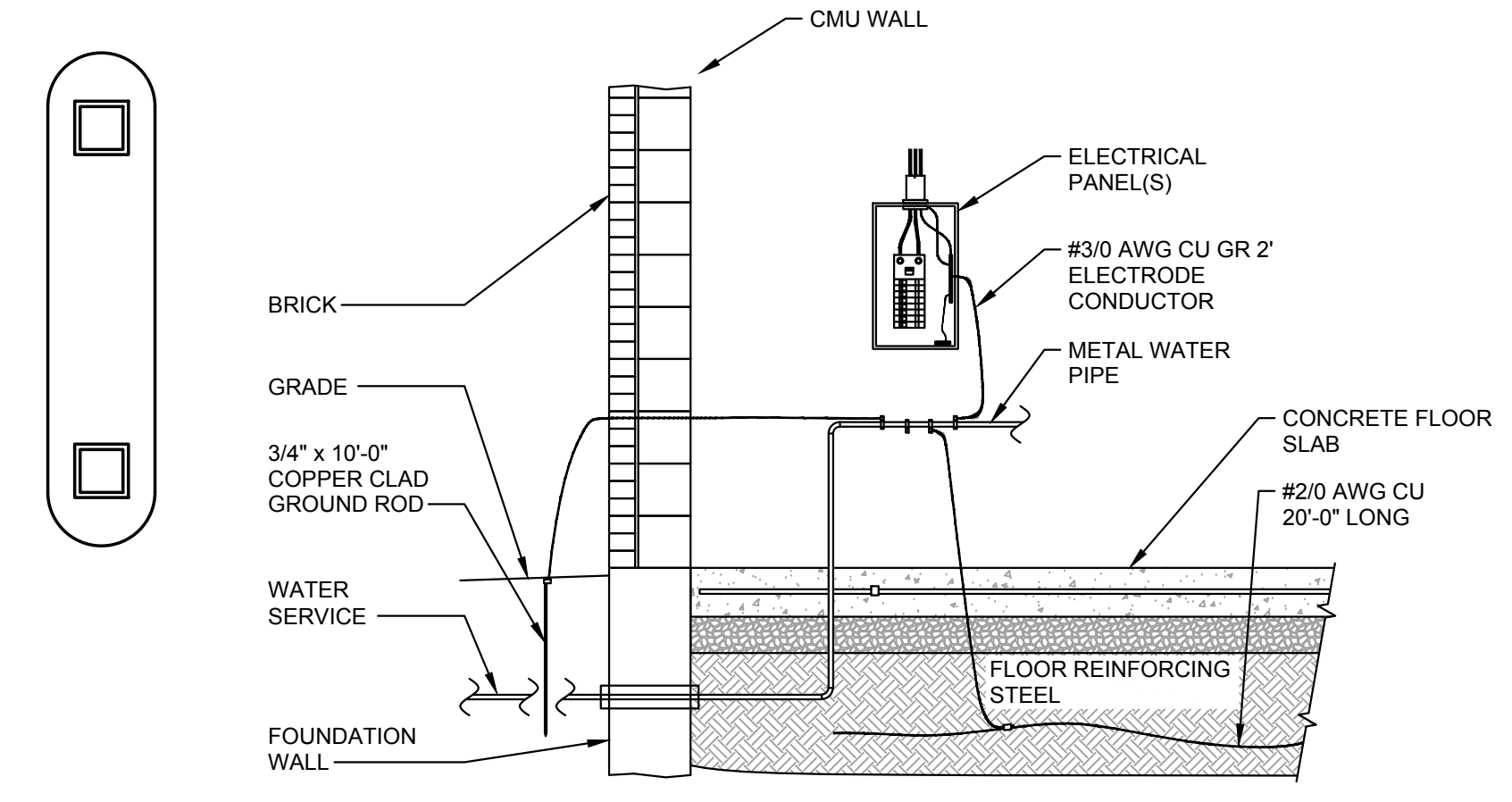
**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

PLUMBING FIXTURE DETAILS AND
WASTE AND VENT RISER DIAGRAM

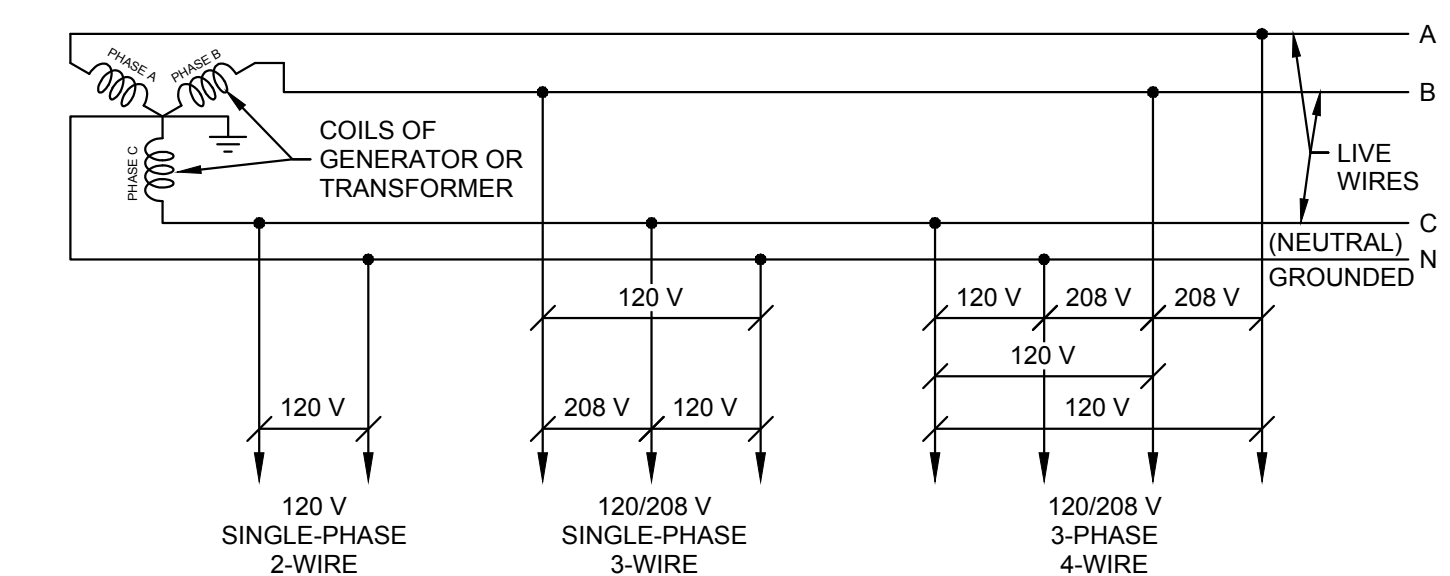
SHEET P-2
OF 2



ELECTRICAL POWER DISTRIBUTION DIAGRAM
SCALE: N.T.S.



GROUNDING ELECTRODE SYSTEM
SCALE: N.T.S.



SINGLE LINE DIAGRAM OF SECONDARY ELECTRICAL SERVICE
SCALE: N.T.S.

ELECTRICAL POWER DISTRIBUTION PLAN
SCALE: 1/8" = 1'-0"

WHITAKER 2
1860 FRANKFORT ROAD
SHELBYVILLE, KENTUCKY 40065
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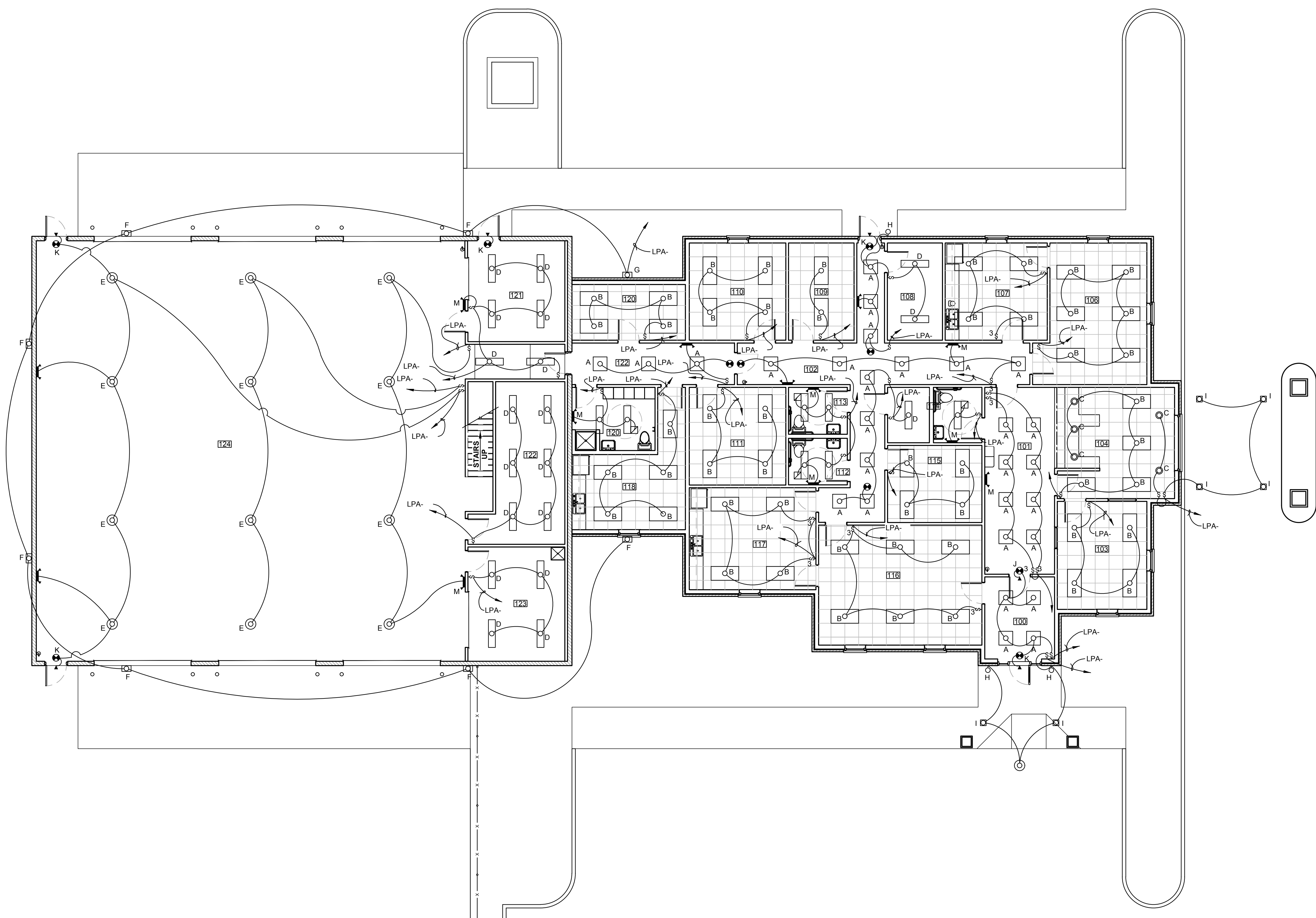
**LCWD 2020 OFFICE BUILDING
LARUE COUNTY WATER DISTRICT
LARUE COUNTY, KENTUCKY**

ELECTRICAL POWER DISTRIBUTION PLAN

SHEET E-1
OF 3

LIGHTING FIXTURE SCHEDULE:

- A. COLUMBIA LIGHTING 2'x2' LAY-IN LJT22-40 ML G - FA A19 F-EU LENSED TROFFER, 3200 LUMENS, 4000 K COLOR TEMPERATURE, PATTERN 19 FROSTED ACRYLIC LENS, 36 WATTS LED.
- B. COLUMBIA LIGHTING 2'x4' LAY-IN LIT 24-40 G - FA A19F - EU LENSED TROFFER, 5000 LUMENS, 4000 K COLOR TEMPERATURE, PATTERN 19 FROSTED ACRYLIC LENS, 52 WATTS LED.
- C. PRESOLITE 4" RECESSED CAN LB4LEDA 30 K-W/H WITH 1Bx4QL - 120 IC RATED HOUSING FOR INSTALLATION IN CEILING INSULATION, 32 WATTS LED.
- D. COLUMBIA LIGHTING 4" LOW PROFILE, WRAP AROUND, SURFACE MOUNTED LAW - 4 40 ML - EU, 4400 LUMENS, 4000K COLOR TEMPERATURE, 51 WATTS LED. SURFACE MOUNTED.
- E. E-CONOLIGHT ROUND HIGH BAY E-AB1L22NU, 20,500 LUMENS, 4000K COLOR TEMPERATURE, 70-CRI, 220 WATTS LED.
- F. HUBBELL MEDIUM WALL PACK LMC-30 LU- 4K-3-2-PC120, 6023 LUMENS, 4200 K COLOR TEMPERATURE, 70 CRI, WIDE TYPE BEAM, IDA COMPLIANT, WET LOCATION RATED, 71.7 WATTS LED, PHOTOCONTROL.
- G. HUBBELL COMPACT WALL PACK LCC-12LU-5K2-PC1, 820 LUMENS, 5000K COLOR TEMPERATURE, 67 CRI, IDA COMPLIANT, WET LOCATION RATED, 12.4 WATTS LED, PHOTOCONTROL.
- H. E-CONOLIGHT DECORATIVE, UP & DOWN WALL SCNCE E-S23LO33UK, 25600 LUMENS, 4000 K COLOR TEMPERATURE, 80 CRI, WET LOCATION RATED, 30 WATTS LED.
- I. E-CONOLIGHT SURFACE MOUNTED CANOPY LIGHT E-CC5L03NW, 3700 LUMENS, 4000K COLOR TEMPERATURE, 70 CRI, 36 WATTS LED.
- J. HUBBELL COMPASS EMERGENCY EXIT LIGHT CERRC WITH CIR INDOOR REMOTE HEAD, 3.58 WATTS LED.
- K. HUBBELL COMPASS EMERGENCY EXIT LIGHT CERRCC WITH COR OUTDOOR REMOTE HEAD, 3.8 WATTS LED.
- L. HUBBELL COMPASS EMERGENCY EXIT LIGHT CERRCC, 3.7 WATTS LED.
- M. DUAL LIGHT EMERGENCY LIGHTING SCNCE PGW, 2.78 WATTS LED.



WHITAKER 2
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LIGHTING PLAN
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 RECORD DRAWINGS

CT CANN-TECH, LLC
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**LCWD 2020 OFFICE BUILDING
 LARUE COUNTY WATER DISTRICT
 LARUE COUNTY, KENTUCKY**

LIGHTING PLAN

SHEET E-2
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