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STRUCTURAL NOT INCLUDED

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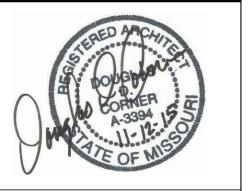
A RENOVATION for:

OZARK CENTER VIRGINIA CENTER

305 SOUTH VIRGINIA STREET JOPLIN, MO

CGA plannin

Corner Greer & Associates, Inc. 716 S. Main Street 0.417.206.3134 f.417.206.3137



11/12/15 ARCHITECT: DOUGLAS D. CORNEF

MO #000531

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LOCATION MAP





1. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES AND AGENCIES WHICH GOVERN THE WORK TO BE PERFORMED. UNLESS OTHERWISE STATED, OR WHERE MUNICIPAL CODES GOVERN, THE FOLLOWING CODES SHALL

I.B.C. 2012, AS ADOPTED BY THE CITY OF JOPLIN, MO I.C.C. INTERNATIONAL PLUMBING CODE, LATEST EDITION. I.C.C. INTERNATIONAL MECHANICAL CODE, LATEST EDITION. NATIONAL ELECTRICAL CODE, LATEST EDITION. LIFE SAFETY CODE, LATEST ADOPTED EDITION.

- 2. CORNER GREER & ASSOCIATES ARCHITECTS, INC., IS NOT RESPONSIBLE FOR FIELD ACTIVITIES (MEANS, METHODS OR TECHNIQUES) ON THIS PROJECT.
- 3. CONTRACTOR TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL ON-SITE CONDITIONS. IF CONDITIONS ARE UNCOVERED THAT REQUIRE A CHANGE OR ADDITIONAL INFORMATION, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY. THE ARCHITECT DOES NOT DELEGATE HIS AUTHORITY TO ANYONE ELSE FOR DETERMINING THE MEANING OF HIS PLANS OR SPECIFICATIONS.

4. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING AND

GENERAL NOTES

- NEW CONDITIONS. 5. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND MAKE CONNECTIONS THERE AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND
- 6. CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS AS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK, INCLUDING ALL NECESSARY FEES ASSOCIATED WITH UTILITY CONNECTIONS.

REQUIREMENTS. CONTRACTOR SHALL CONTACT ALL UTILITIES AND/OR AGENCIES...

- 1. CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, WATER, HEAT, UTILITIES, TRANSPORTATION AND ANY OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
- 8. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH INFORMATION FURNISHED BY THE OWNER AND SHALL AT ONCE REPORT TO THE ARCHITECT, ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED.
- 9. THE ARCHITECT, CORNER GREER & ASSOCIATES ARCHITECTS, INC., SHALL BE RESPONSIBLE FOR THE ARCHITECTURAL PORTIONS OF THIS PROJECT. ALL OTHER ASPECTS SHALL BE THE RESPONSIBILITY OF REGISTERED PROFESSIONALS OF THAT DISCIPLINE.
- 10. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (AIA DOCUMENT A201) SHALL BE BINDING AS PART OF THESE CONSTRUCTION DOCUMENTS.
- II. ALL BUILDING FINISHES SHALL BE SELECTED AND/OR APPROVED BY THE OWNER'S REPRESENTATIVE.

SYMBOLS MATERIALS CODE COMPLIANCE

SECTION MARK DETAIL MARK 2/A3Øl ELEVATION MARK (A)— WALL TYPES 100-1 DOOR MARK WINDOW MARK MILLWORK MARK FINISHED WOOD GYPSUM BOARD

CONCRETE (PLAN) CONCRETE (SECTION)

CONCRETE BLOCK BRICK MASONRY RIGID INSULATION BATT OR BLOWN INSULATION DIMENSIONAL LUMBER PLYWOOD

STUD WALL CONSTRUCTION

CODE _____ 2012 I.B.C. CONSTRUCTION TYPE _ _ _ _ _ _ _ _ _ _ _ _ OCCUPANT LOAD TOTAL OCCUPANT LOAD _ _ _ _ _ _ _ _

BUILDING AREAS 19,000 SQ.FT. **BASIC ALLOWABLE** AREA INCREASE - SPRINKLERED_ 57,000 SQ.FT. TOTAL ALLOWABLE BUILDING AREA _ 11,220 SQ.FT. **EXISTING BUILDING** 302 SQ.FT. **EXISTING CANOPIES** 11,522 SQ.FT. TOTAL ACTUAL BUILDING AREA _ _ _ _ _

N.F.P.A. 13 & ECARD-25 SPRINKLER SYSTEM _ _ _ _ _ _ _ **PARKING SPACES EXISTING**

PARKING REQUIRED_______

	PLUMBING CODE	
	MEN	WOMEN
WATER CLOSETS	2 PER FIRST 50, 1 F	PER ADDITIONAL 50
URINALS	-	-
LAVATORIES	2 PER FIRST 80, 1 F	PER ADDITIONAL 80
DRINKING FOUNTAINS	1 pe	r 100
SERVICE SINK		1

FIXTURE CALCULATIONS

OCCUPANT LOAD: 106 MEN: 53 -- WOMEN: 53

FIXTURES REQUIRED / PROVIDED										
	REQ	UIRED	PROVIDED							
	MEN	WOMEN	MEN	WOMEN						
WATER CLOSETS	3	3	3	7						
URINALS	-	-	4	-						
LAVATORIES		4	8							
DRINKING FOUNTAINS		2	2							
SERVICE SINK		1		1						

for:

/ATION

RENO

ISSUE DATE NOVEMBER 12TH, 2015

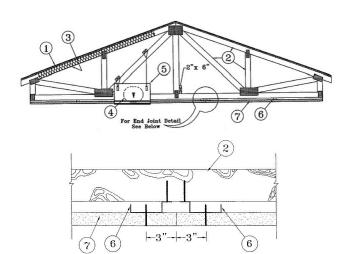
SHEET -**COVER**

SHEET

SHEET NO.

G001

DESIGN NO. P522 NOVEMBER Ø2, 2015 UNRESTRAINED ASSEMBLY RATING - I HR



- ROOFING SYSTEM: ANY UL CLASS A, B OR C ROOFING SYSTEM (TGFU) OR PREPARED ROOF COVERING (TFUZ) ACCEPTABLE FOR USE OVER NOM 15/32 IN. THICK WOOD STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". NOM 15/32 IN. THICK WOOD STRUCTURAL PANELS SECURED TO TRUSSES WITH NO. 6D RINGED SHANK NAILS SPACED 12 IN. OC ALONG EACH TRUSS. STAPLES HAVING EQUAL OR GREATER WITHDRAWAL AND LATERAL RESISTANCE STRENGTH MAY BE SUBSTITUTED FOR THE 6D NAILS. CONSTRUCTION ADHESIVE MAY BE USED WITH EITHER THE NAILS OR STAPLES.
- 2. TRUSSES PITCHED OR PARALLEL CHORD WOOD TRUSSES, SPACED A MAX OF 24 IN. OC, FABRICATED FROM NOM 2 BY 4 LUMBER, WITH LUMBER ORIENTED VERTICALLY OR HORIZONTALLY. TRUSS MEMBERS SECURED TOGETHER WITH MIN. 0.0356 IN. THICK GALY STEEL PLATES, PLATES HAVE 5/16 IN. LONG TEETH PROJECTING PERPENDICULAR TO THE PLANE OF THE PLATE. THE TEETH ARE IN PAIRS FACING EACH OTHER (MADE BY THE SAME PUNCH), FORMING A SPLIT TOOTH TYPE PLATE. EACH TOOTH HAS A CHISEL POINT ON ITS OUTSIDE EDGE. THESE POINTS ARE DIAGONALLY OPPOSITE EACH OTHER FOR EACH PAIR THE TOP HALF OF EACH TOOTH HAS A TWIST FOR STIFFNESS. THE PAIRS ARE REPEATED ON APPROXIMATELY 1/8 IN. CENTERS WITH FOUR ROWS OF TEETH PER INCH OF PLATE WIDTH, WHERE THE TRUSS INTERSECTS WITH THE INTERIOR FACE OF THE EXTERIOR WALLS, THE MIN TRUSS DEPTH SHALL BE 5-1/4 IN. WITH A MIN ROOF SLOPE OF 3/12 AND A MIN. AREA IN THE PLANE OF THE TRUSS OF 21 SQ/FT. WHERE THE TRUSS INTERSECTS WITH THE INTERIOR FACE OF THE EXTERIOR WALLS, THE MIN TRUGS DEPTH MAY BE REDUCED TO 3 IN. IF THE BATTS AND BLANKETS (ITEM 3) ARE USED AS SHOWN IN THE ABOVE ILLUSTRATION (ALTERNATE INSULATION PLACEMENT) AND ARE FIRMLY PACKED AGAINST THE INTERSECTION OF THE BOTTOM CHORDS AND THE PLYWOOD SHEATHING.
- 3. BATTS AND BLANKETS (OPTIONAL) REQUIRED WHEN ITEM 6B IS USED GLASS FIBER INSULATION, SECURED TO THE WOOD STRUCTURAL PANELS WITH STAPLES SPACED 12 IN. OC OR TO THE TRUSSES WITH 0.090 IN. DIAM GALY STEEL WIRES SPACED 12 IN. OC. ANY GLASS FIBER INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING CHARACTERISTICS AND/OR FIRE RESISTANCE, HAVING A MIN DENSITY OF 0.5 PCF. AS AN OPTION, THE INSULATION MAY BE FITTED IN THE CONCEALED SPACE, DRAPED OVER THE RESILIENT CHANNEL/GYPSUM BOARD CEILING MEMBRANE WHEN RESILIENT CHANNELS AND GYPSUM BOARD ATTACHMENT IS MODIFIED AS SPECIFIED IN ITEMS 6 AND 7. WHEN STEEL FRAMING MEMBERS (ITEM 6B) ARE USED, MAX 3-1/2 IN. THICK INSULATION SHALL BE DRAPED OVER THE FURRING CHANNELS (ITEM 6BA) AND GYPSUM BOARD CEILING MEMBRANE, AND FRICTION-FITTED BETWEEN TRUSSES AND STEEL FRAMING MEMBERS (ITEM 6BD), THE FINISHED RATING HAS ONLY BEEN DETERMINED WHEN THE INSULATION IS SECURED TO THE DECKING.
- 4. AIR DUCT: ANY UL CLASS Ø OR CLASS I FLEXIBLE AIR DUCT INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE DAMPER MANUFACTURER.
- 5. CEILING DAMPER: MAX NOM AREA, 324 SQ IN. MAX SQUARE SIZE, 18 IN. BY 18 IN. RECTANGULAR SIZES NOT TO EXCEED 324 SQ IN. WITH A MAX WIDTH OF 18 IN. MAX DAMPER HEIGHT IS 14 IN. INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS PROVIDED WITH THE DAMPER MAX DAMPER OPENINGS NOT TO EXCEED 162 SQ IN. PER 100 SQ FT OF CEILING AREA.
- 6. FURRING CHANNELS RESILIENT CHANNELS FORMED OF 25 MSG THICK GALY STEEL. INSTALLED PERPENDICULAR TO THE TRUSSES (ITEM 2), SPACED A MAX OF 16 IN. OC WHEN NO INSULATION (ITEM 3 OR 3A) 15 FITTED IN THE CONCEALED SPACED, OR A MAX OF 12 IN. OC WHEN INSULATION (ITEM 3 OR 3A) IS FITTED IN THE CONCEALED SPACE, DRAPED OVER THE RESILIENT CHANNEL/GYPSUM BOARD CEILING MEMBRANE. TWO COURSES OF RESILIENT CHANNEL POSITIONED 6 IN. OC AT WALLBOARD BUTT-JOINTS (3 IN. FROM EACH END OF WALLBOARD), CHANNELS ORIENTED OPPOSITE AT WALLBOARD BUTT-JOINTS. CHANNEL SPLICES OVERLAPPED 4 IN. BENEATH WOOD TRUSSES. CHANNELS SECURED TO EACH TRUSS WITH 1-1/4 IN. LONG TYPE S SCREWS.
- 7. GYPSUM BOARD: ONE LAYER OF NOM 5/8 IN. THICK BY 48 IN. WIDE BOARDS, INSTALLED WITH LONG DIMENSION PARALLEL TO TRUSSES. ATTACHED TO THE RESILIENT CHANNELS USING 1 IN. LONG TYPE 5 BUGLE-HEAD SCREWS. SCREWS SPACED A MAX OF 12 IN. OC ALONG BUTTED END-JOINTS AND IN THE FIELD WHEN NO INSULATION (ITEM 3 OR 3A) IS FITTED IN THE CONCEALED SPACED, OR A MAX OF 8 IN. OC ALONG BUTTED END-JOINTS AND IN THE FIELD WHEN INSULATION (ITEM 3 OR 3A) IS FITTED IN THE CONCEALED SPACE, DRAPED OVER THE RESILIENT CHANNEL/GYPSUM BOARD CEILING MEMBRANE.

FINISHING SYSTEM - (NOT SHOWN) - VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW-HEADS'S PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN ALTERNATE NOM 3/32 IN. THICK VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF GYPSUM BOARD. ALTERNATE CEILING MEMBRANE — NOT SHOWN.

- 8. NETTING FIBROUS, WOVEN NETTING MATERIAL FASTENED TO UNDERSIDE OF EACH JOIST WITH STAPLES, WITH SIDE JOINTS OVERLAPPED.
- INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

DESIGN NO. U386 AUGUST 28, 2015 NONBEARING WALL RATING - 1 HR

16 in. or 24 in. OC - 16 in. or 24 in. OC -16 in. or 24 in. OC -- 16 in. or 24 in. OC --

Configuration E Configuration (

1. WOOD STUDS — NOM 2 BY 4 IN., SPACED 24 IN. OC MAXIMUM, EFFECTIVELY FIRESTOPPED AT THE TOP AND BOTTOM OF

2. GYPSUM BOARD: — NOMINAL 5/8 IN. THICK, 4 FT WIDE PANELS, APPLIED VERTICALLY TO STUDS AND BEARING PLATES WITH 1-5/8 IN. LONG, NO.6, TYPE 6, COARSE THREADED SCREWS SPACED AT 8 IN. OC ALONG THE PERIMETER OF THE PANELS AND 12 IN. OC IN THE FIELD. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUD. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE STAGGERED 4 FT ON OPPOSITE SIDES OF THE WALL. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE SUPPORTED BY STUDS.

2A. GYPSUM BOARD* — (AS AN ALTERNATE TO ITEM 2) — NOMINAL 5/8 IN. THICK, 4 FT WIDE PANELS, APPLIED VERTICALLY PANELS NAILED 7 IN. OC WITH 6D CEMENT COATED NAILS 1-7/8 IN. LONG, 0.0915 IN. SHANK DIAM AND 15/64 IN. DIAM HEADS. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE BACKED BY STUDS.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM - TYPE QUIETROCK ES.

Configuration A

2B. WALL AND PARTITION FACINGS AND ACCESSORIES* — (AS AN ALTERNATE TO ITEM 2) — NOMINAL 5/8 IN. THICK, 4 FT WIDE PANELS, APPLIED VERTICALLY TO STUDS AND BEARING PLATES WITH 1-5/8 IN. LONG, NO.6, TYPE 5, COARSE THREADED SCREWS SPACED AT 8 IN. OC ALONG THE PERIMETER OF THE PANELS AND 12 IN. OC IN THE FIELD. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUD. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE STAGGERED 4 FT ON OPPOSITE SIDES OF THE WALL. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE SUPPORTED BY STUDS.

2C. WALL AND PARTITION FACINGS AND ACCESSORIES* — (AS AN ALTERNATE TO ITEM 2) — NOMINAL 5/8 IN. THICK, 4 FT WIDE PANELS, APPLIED VERTICALLY. PANELS NAILED 1 IN. OC WITH 6D CEMENT COATED NAILS 1-1/8 IN. LONG, Ø.Ø915 IN. SHANK DIAM AND 15/64 IN. DIAM HEADS. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE BACKED BY STUDS.

3. GYPSUM WALLBOARD* — NOMINAL 5/8 IN. THICK, 4 FT WIDE, APPLIED VERTICALLY TO STUDS AND BEARING PLATES WITH 1-5/8 IN. LONG, NO. 6, TYPE 5, COARSE THREADED SCREWS, AT 8 IN. OC ALONG THE PERIMETER OF THE PANELS AND 12 IN. OC IN THE FIELD. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUD. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE STAGGERED 4 FT ON OPPOSITE SIDES OF THE WALL. HORIZONTAL JOINTS OF VERTICALLY APPLIED PANELS TO BE BACKED WITH NOM 2 BY 4 IN. WOOD BACKING.

4. BATTS AND BLANKETS* — UL CLASSIFIED GLASS FIBRE INSULATION WITH OR WITHOUT KRAFT PAPER FACING, NOMINAL 3-1/2 IN. THICK, NOMINAL DENSITY OF Ø.95 PCF, FASTENED TO WOOD STUDS USING METAL FASTENERS TO COMPLETELY FILL THE STUD CAVITIES.

SEE BATTS AND BLANKETS (BKNY AND/OR BZJZ) CATEGORIES FOR NAMES OF CLASSIFIED COMPANIES. 5. JOINTS AND SCREWHEADS — JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS. PAPER TAPE, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINT.

INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.





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11/12/15 ARCHITECT: DOUGLAS D. CORNER #A-3394

MO #000531

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ATION

27" AFF. OR LESS SOTTOM C

NUMBER ALONG EGRESS PATH INDICATES CUMULATIVE

NUMBER INSIDE CIRCLE REPRESENTS CALCULATED

DIRECTIONAL LINES/ARROWS SHOWN TO ILLUSTRATE

INDICATES POINT AT WHICH OCCUPANT LOAD ALONG

EGRESS PATH EITHER INCREASES FROM INTERSECTING

INDICATES PROPOSED FIRE EXTINGUISHER LOCATION.

FE-A, SEE DETAIL A THIS SHEET. FE-K REPRESENTS

TO TAKE AN ALTERNATE EGRESS PATH -TYP.

HOUR FIRE PARTITION W/ SMOKE PROTECTED

OPENINGS - REF. UL DESIGN NO. U386 THIS SHEET

LOADS OR DECREASES WHERE OCCUPANTS MAY "SPLIT"

OCCUPANT LOAD (OR PORTION) THIS AREA, TYP.

OCCUPANT LOAD AT THIS POINT, TYP.

ANTICIPATED PATH OF EGRESS

CITCHEN FIRE EXTINGUISHER -TYP.

THE BASIC INTENT OF THIS DRAWING IS TO ILLUSTRATE EGRESS PATHS.

ASSUMPTIONS HAVE BEEN MADE IN EACH AREAS AS TO THE ANTICIPATED

FINAL EXACT LOCATIONS AND QUANTITIES OF FIRE EXTINGUISHERS ARE TO

BE FIELD-VERIFIED BY G.C. PER FIRE MARSHAL'S APPROVAL, IF REQUIRED.

EGRESS PATH THAT WILL BE TAKEN BY THE SPECIFIC OCCUPANT LOAD

EGRESS PATTERNS SHOWN ARE BASED ON NFPA STANDARDS AND

(OR PORTION THEREOF) IN A PARTICULAR AREA.

SURFACE MOUNTED

FIRE EXTINGUISHER CAB.

Scale: 3/4" = 1'-0" NOTED AS: FE-A

PLAN

■ ISSUE DATE **■**

NOVEMBER 12TH, 2015 SHEET -

> CODE **PLAN**

SHEET NO.

G100

DEMOLITION LEGEND REMOVE EXISTING (VERIFY STRUCTURE) EXISTING TO REMAIN EXISTING FIXTURES TO BE REMOVED -REUSE EXISTING ELECTRICAL SUPPLY FOR NEW FIXTURES KZFZ ZZZJ⊠ EXISTING MECHANICAL GRILLS TO BE REMOVED -REF. MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL INFO. EXISTING CEILING FAN TO BE REMOVED IN ITS ENTIRETY. REMOVE COORDINATING ELECTRICAL SUPPLY IN ITS ENTIRETY. EXISTING RECEPTACLES, DATA, COMPUTER, ₩ KIPD \$ LIGHT SWITCHES. REUSE EXISTING ELECTRICAL SUPPLY FOR NEW.

GENERAL DEMOLITION NOTES

- A. VERIFY EXISTING CONDITIONS & STRUCTURE BEFORE START OF WORK
- . COORDINATE ALL DEMOLITION & NEW WORK WITH OWNER PRIOR TO START OF
- VERIFY ALL FINISHES, MATERIALS OR EQUIPMENT TO REMAIN, BE REPLACED OR RETURNED TO OWNER.
- ALL EXISTING FINISHES DAMAGED OR MADE UN-SIGHTLY SHALL BE REMOVED, PATCHED OR REPAIRED TO MATCH ADJACENT SIMILAR FINISHES.
- ALL INTERIOR WINDOW TRIM THAT REMAINS SHALL BE PATCHED & PAINTED TO MATCH NEW DOOR TRIM.
- REMOVE ALL UNUSED WIRING IN ITS ENTIRETY -PER ORDER OF THE FIRE MARSHAL
- REMOVE ALL CEILING TILES AND GRID IN ITS ENTIRETY. REF. SHEET A105 FOR NEW REFLECTED CEILING PLAN.
- CONTRACTOR BEFORE CONSTRUCTION STARTS MUST SURVEY EXISTING CIRCUITS
- AND PRODUCE NEW CIRCUITING DIAGRAM / PANEL INSERT.

ALL EXISTING GYP. BOARD CEILING SHALL BE PATCHED & REPAIRED FOR

- DEMOLITION & NEW WORK.
- CITY WILL REMOVE EXISTING WATER METER & SIDEWALK AS REQUIRED FOR INSTALLATION OF NEW WATER METER AND NEW WATER SERVICE ENTRY. CONTRACTOR SHALL DEMO EXISTING FOR NEW SERVICE ENTRY.

DEMOLITION NOTES

- CONSTRUCTION.
- REMOVE DOOR & FRAME -SEE SHEET AIDI FOR ADDITIONAL INFORMATION.
- . REMOVE EXISTING WINDOWS & FRAMES. COORDINATE WITH OWNER FOR DISPOSAL
- 4. REMOVE & SALVAGE EXISTING CABINETRY & FIXTURES FOR NEW
- CONSTRUCTION.
- DISPOSAL. PATCH & REPAIR ADJACENT WALLS -TYP.

5. REMOVE EXISTING CABINETRY. COORDINATE WITH OWNER FOR

- 6. REMOVE EXISTING INTERIOR WINDOW IN ITS ENTIRETY. PATCH AND REPAIR WALL.
- 1. EXISTING TO REMAIN -PROTECT.
- 8. REMOVE SECTION OF EXISTING PARTITION FOR NEW WINDOW.
- 9. REMOVE SECTION OF EXISTING PARTITION FOR NEW DOOR \sharp FRAME.
- 10. REMOVE EXISTING PLUMBING FIXTURES. CAP AS REQUIRED. PATCH & REPAIR WALL / FLOORING AS REQUIRED FOR NEW WORK.
- REMOVE EXISTING STOREFRONT IN ITS ENTIRETY. PATCH AND REPAIR WALL / FLOOR AS REQUIRED.

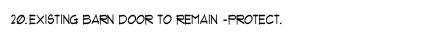
- REMOVE EXISTING PARTITIONS. PATCH & REPAIR TO MATCH NEW 12. EXISTING EXTERIOR WINDOW TO BE REMOVED IN ITS ENTIRETY. PATCH WALL W/ EXISTING WALL CONSTRUCTION -REF. ELEVATIONS SHEET A301 FOR ADDITIONAL INFORMATION.
 - 13. EXISTING COUNTERTOP TO BE REMOVED IN ITS ENTIRETY. NEW PLUMBING FOR NEW ADDITIONAL SINK. - REF. A101, A104. PATCH \$
 - 14. EXISTING LOADING DOCK -REMOVE EXISTING CONCRETE STAIRS \$ DOCK FOR NEW EGRESS.

REPAIR FOR NEW.

- 15. CLEAN & PREP EXISTING EXTERIOR VENEER TO REMAIN FOR NEW VENEER. -PROTECT.
- 16. EXISTING SINK TO BE REMOVED. PLUMBING TO REMAIN FOR NEW
- FIXTURES.
- WITH OWNER FOR DISPOSAL.

17. EXISTING RESTROOM ACCESSORIES TO BE REMOVED. COORDINATE

- 18. MOVE EXISTING 1.T. SUPPLY AND EQUIPMENT TO EXISTING STORAGE / ELECTRICAL ROOM. COORDINATE WITH OWNER.
- 19. NEW WATER METER -COORDINATE W/ CITY OF JOPLIN.





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architecture

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plannin

desigr

11/12/15 ARCHITECT: DOUGLAS D. CORNER #A-3394

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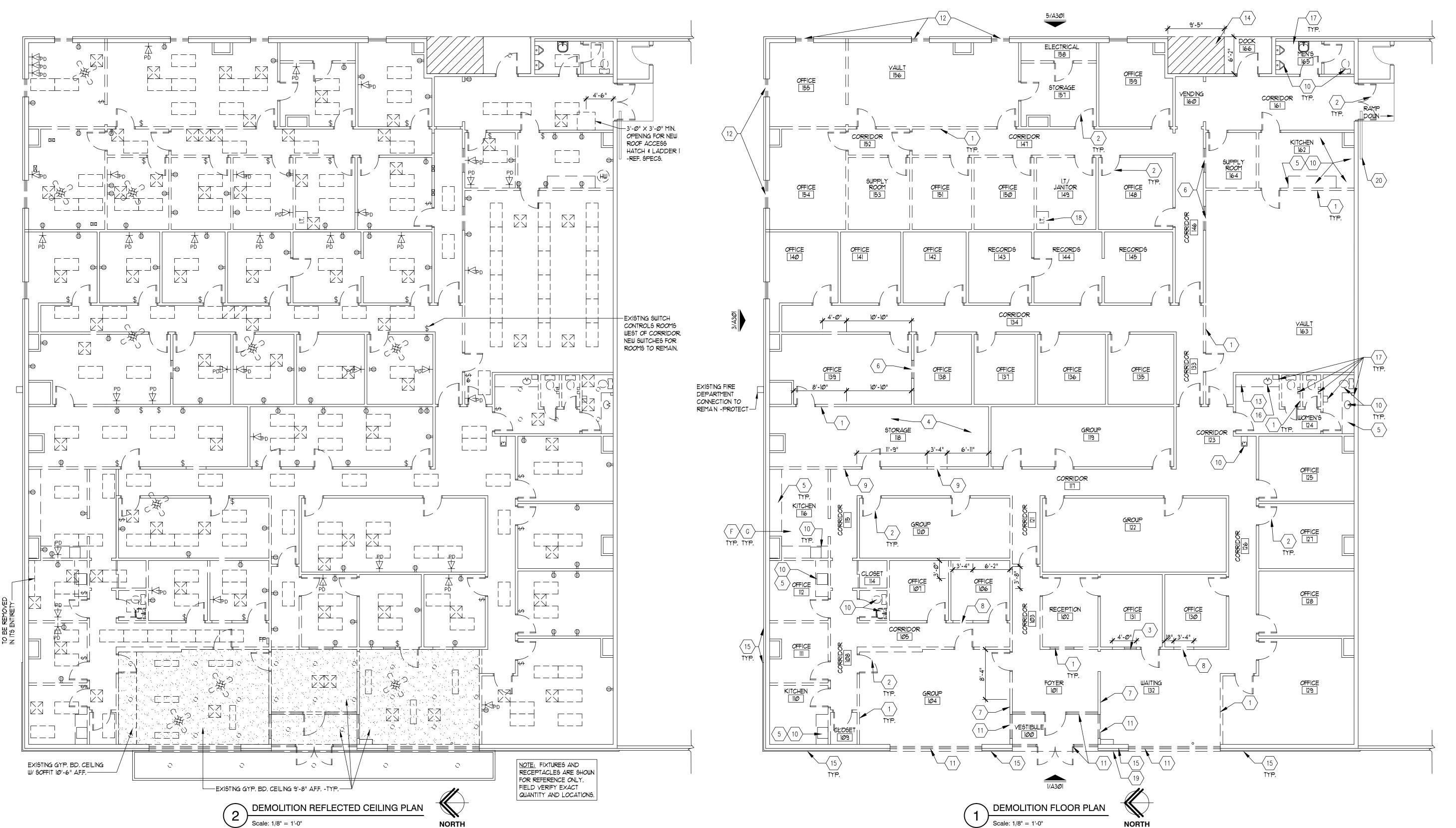
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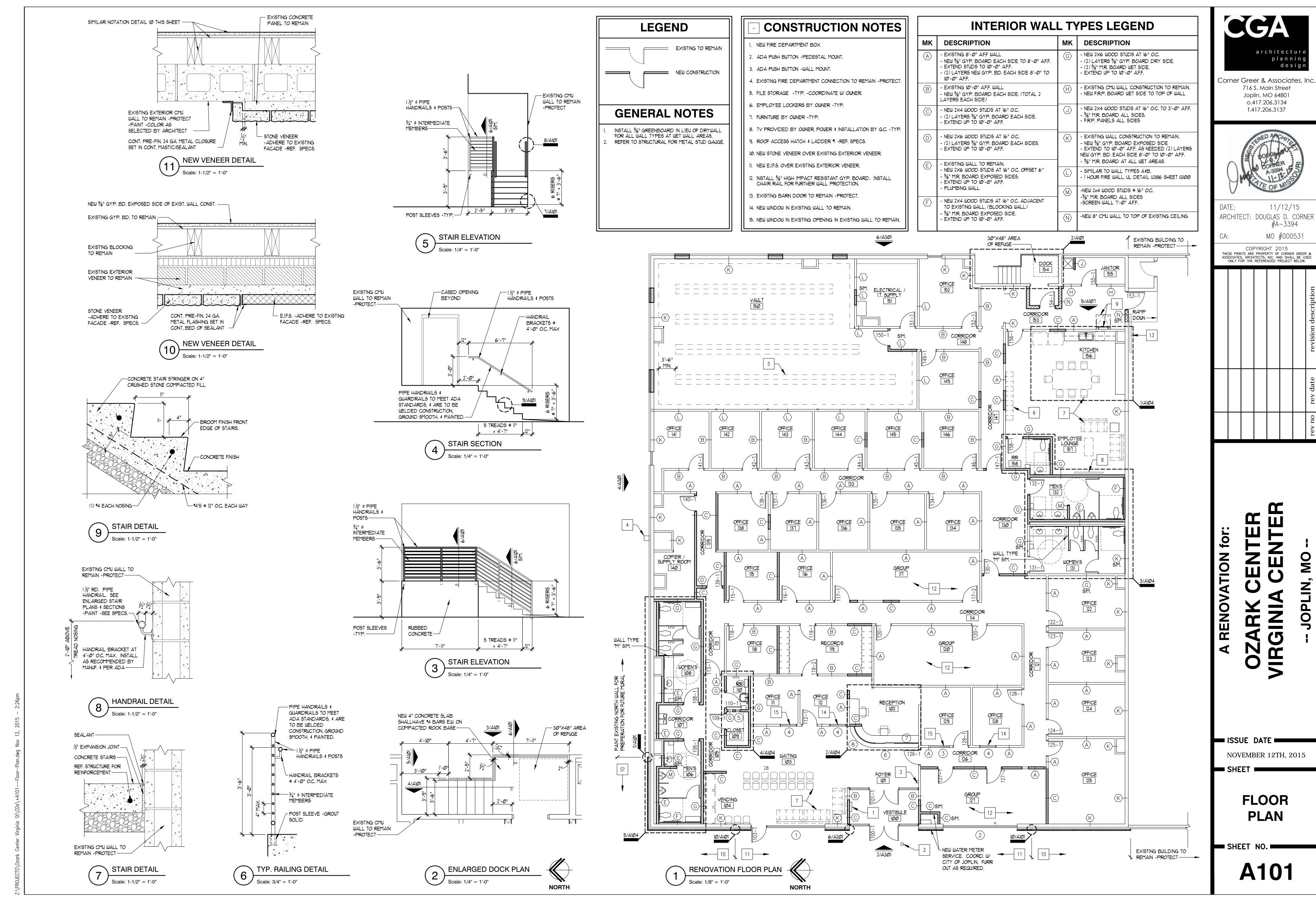
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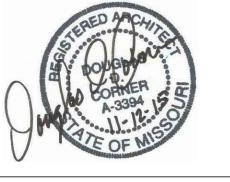
NOVEMBER 12TH, 2015

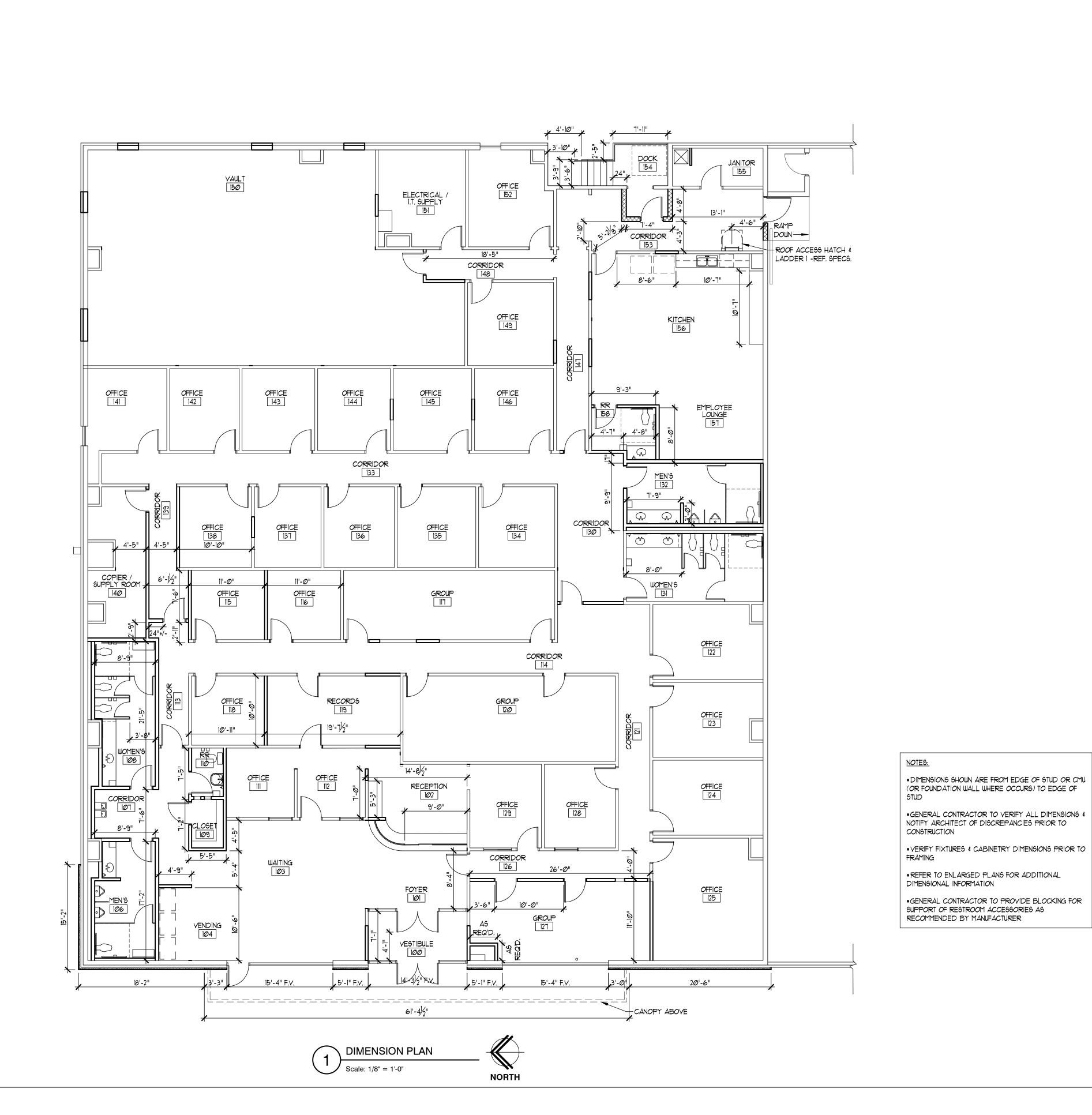
DEMOLITION FLOOR PLAN

SHEET NO.



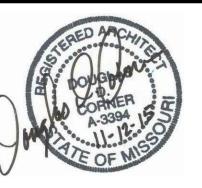








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rev no rev date revision description

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RENOVATION for:

ISSUE DATE

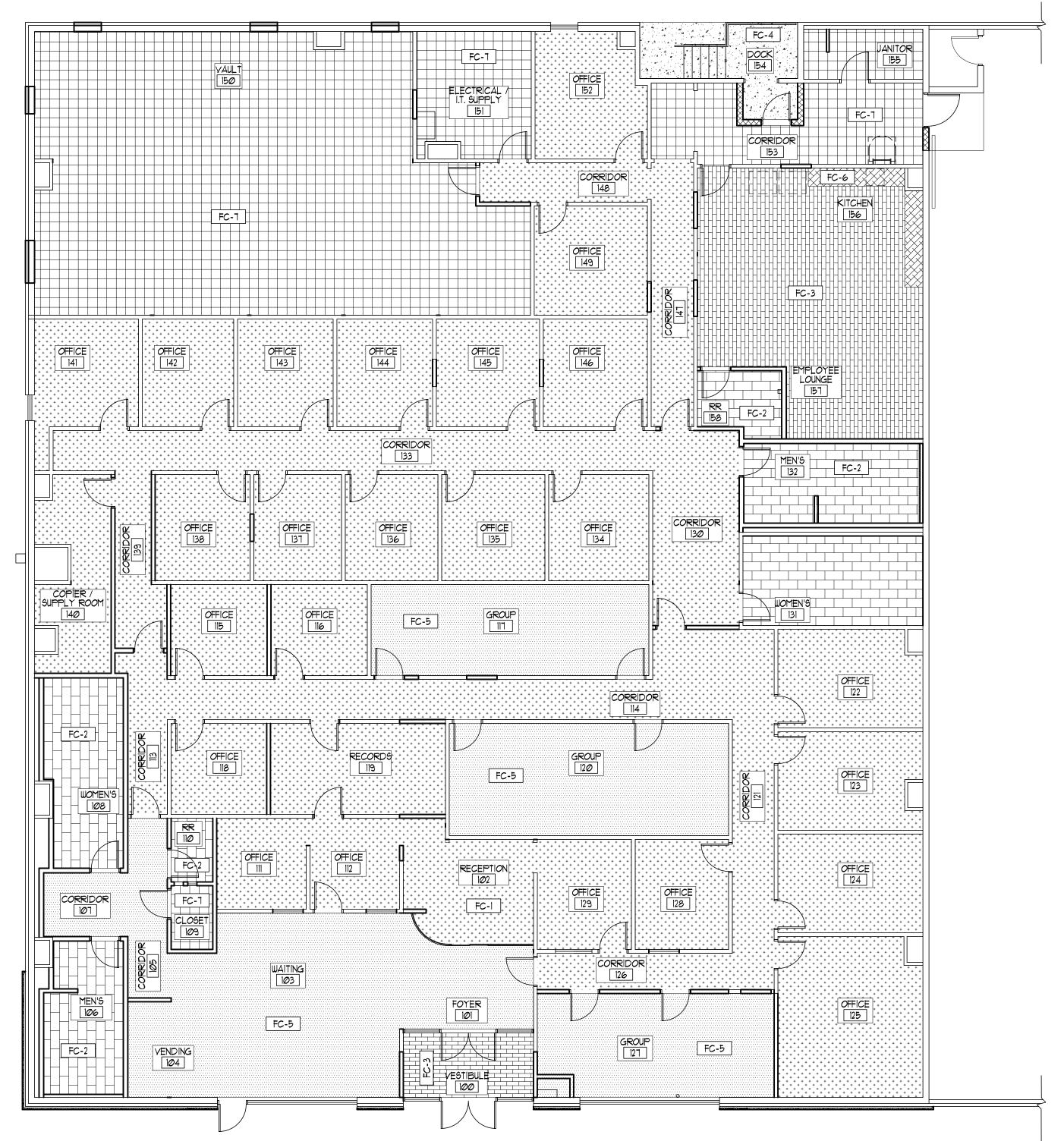
SHEET -

NOVEMBER 12TH, 2015

DIMENSION

PLAN

SHEET NO.



MK	ROOM NAME	FLOOR	BASE		WA	LLS		CLG	NOTES
IVIIX	TIOOW NAME	LOON	DAGE	NORTH	EAST	SOUTH	WEST	OLG	NOTES
100	VESTIBULE	FC-3	WB-1	WP-1	WP-1	WP-1	<u> </u>	GBP-3	
101	FOYER	FC-5	WB-1	-	WP-2	₩ P -1	WP-1	GBP-3	
1Ø2	RECEPTION	FC-1	WB-1	WP-1	WP-2	WP-2	 	GBP-1	
103	WAITING	FC-5	WB-1	WP-1	WP-2	WP-1	WP-1	GBP-143	
104	VENDING	FC-5	WB-1	₩ P -2	W₱-2	-	WP-1	GBP-1	
105	CORRIDOR	FC-5	WB-1	WP-1	WP-1	WP-1	WP-1	ACT-1	
106	MEN'S	FC-2	-	₩ P -2/WT-1	₩P-2/WT-1	₩P-2/WT-1	₩P-2/WT-1	GBP-1	
107	CORRIDOR	FC-5	WB-1	₩P-2	WP-1	-	WP-1	ACT-1	
108	WOMEN'S	FC-2	_	₩P-2/WT-1	₩P-2/WT-1	₩P-2/WT-1	₩P-2/WT-1	GBP-1	
109	CLOSET	FC-1	WB-1	WP-1	WP-1	WP-1	WP-1	GBP-1	
110	RESTROOM	FC-2				₩P-2/WT-1		GBP-1	
111	OFFICE	FC-1	 ₩B-1	₩P-2	₩P-2	WP-1	WP-1	ACT-1	
112	OFFICE	FC-1	WB-1	₩P-1	₩P-2	₩P-1	₩P-1	ACT-1	
						·	·		
113	CORRIDOR	FC-1	WB-1	WP-1	WP-3	WP-1	WP-1	ACT-1	
114	CORRIDOR	FC-1	WB-1	₩P-3	₩ P -3	WP-1	₩ P -3	ACT-1	
115	OFFICE	FC-1	WB-I	WP-1	WP-1	WP-1	WP-3	ACT-1	
116	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
117	GROUP	FC-5	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	HIGH IMPACT GYP. BOAR
118	OFFICE	FC-1	WB-1	WP-1	₩P-1	WP-1	₩ P- 3	ACT-1	
119	RECORDS	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
120	GROUP	FC-5	WB-I	WP-1	WP-1	WP-1	₩ P -3	ACT-1	HIGH IMPACT GYP. BOAR
121	CORRIDOR	FC-1	WB-1	WP-1	₩ P- 3	WP-3	WP-3	ACT-1	
122	OFFICE	FC-1	WB-1	WP-3	WP-1	WP-1	WP-1	ACT-1	
123	OFFICE	FC-1	WB-1	₩ P- 3	₩P-1	WP-1	WP-1	ACT-1	
124	OFFICE	FC-1	WB-1	WP-3	WP-1	WP-1	WP-1	ACT-1	
125	OFFICE	FC-1	WB-1	₩ P -3	WP-1	WP-1	WP-1	ACT-1	
126	CORRIDOR	FC-1	WB-1	WP-1	WP-1	WP-3	WP-3	ACT-1	
127	GROUP	FC-5	WB-1	WP-1	WP-3	WP-1	WP-1	GBP-143	HIGH IMPACT GYP. BOAR
128	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-3	WP-1	ACT-1	
129	OFFICE	FC-1	WB-1	WP-1	₩P-2	₩P-2	WP-1	ACT-1	
130	CORRIDOR	FC-1	WB-1	₩P-1	₩P-1	₩P-3	₩P-3	ACT-1	
131	WOMEN'S	FC-2		₩P-2/WT-1		₩P-2/WT-1		GBP-1	
			-						
132	MEN'S	FC-2	-	-		₩P-2/WT-1		GBP-1	
133	CORRIDOR	FC-1	WB-1	WP-3	WP-3	₩P-3	WP-1	ACT-1	
134	OFFICE	FC-1	WB-1	WP-1	WP-3	WP-1	WP-1	ACT-1	
135	OFFICE	FC-1	WB-I	WP-1	₩ P- 3	WP-1	WP-1	ACT-1	
136	OFFICE	FC-1	WB-1	WP-1	WP-3	WP-1	WP-1	ACT-1	
137	OFFICE	FC-1	WB-1	WP-1	WP-3	WP-1	 	ACT-1	
138	OFFICE	FC-1	WB-1	WP-1	WP-3	WP-1	WP-1	ACT-1	
139	CORRIDOR	FC-1	WB-1	WP-3	WP-3	WP-1	WP-1	ACT-1	
140	COPIER / SUPPLY ROOM	FC-1	WB-1	WP-1	WP-1	WP-3	WP-1	ACT-1	
141	OFFICE	FC-1	WB-I	WP-1	₩ P -1	WP-1	₩ P -3	ACT-1	
142	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
143	OFFICE	FC-1	WB-I	WP-1	WP-1	WP-1	WP-3	ACT-1	
144	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
145	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
146	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
147	CORRIDOR	FC-1	WB-1	₩ P -3	-	WP-3	₩ P -3	ACT-1	
148	CORRIDOR	FC-1	WB-1	₩ P -3	₩ P -3	-	₩ P -3	ACT-1	
149	OFFICE	FC-1	WB-1	WP-1	WP-1	WP-1	WP-3	ACT-1	
15Ø	VAULT	FC-7	 WB-1	WP-1	₩P-1	₩P-1	₩P-1	GBP-2	
151	ELECTRICAL / I.T. SUPPLY		WB-1	WP-1	₩P-1	₩P-1	₩P-1	GBP-2	
152	OFFICE	FC-1		WP-1	₩P-1	₩P-1	₩P-3	ACT-1	
			WB-1			·			
153	CORRIDOR	FC-7	WB-1	WP-1	₩P-1	WP-3	WP-1	GBP-1	
154	DOCK	FC-4	-	WP-4	-	₩P-4	₩P-4	ETR-1	
155	JANITOR	FC-7	-	WP-4	WP-4	WP-4	₩P-4	GBP-1	
156	KITCHEN	FC-3/FC-6	WB-1	₩ P -3	WP-3	WP-3	-	ACT-1	
157	EMPLOYEE LOUNGE	FC-3	WB-1	WP-3	-	WP-3	WP-3	ACT-1	
									_

ROOM FINISH SCHEDULE

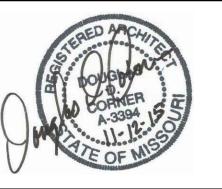
NOTES:

- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON FINISHES.
 REFER TO REFLECTED CEILING PLAN FOR SOFFIT LOCATIONS, DIMENSIONS AND HEIGHTS.
 REFER TO FLOOR FINISH PLAN FOR FLOOR FINISHES.
 PROVIDE TRANSITION STRIPS AT ALL INTERSECTIONS OF DIFFERENT FLOORING TYPES. SEE SPECS.

ROOM FINISH LEGEND											
FLOOR	BASE	WALLS	CEILING								
FC-1 CARPET FC-2 FLOOR TILE FC-3 VINYL PLANK TILE FC-4 SEALED CONC. FC-5 CARPET TILE FC-6 PLYWOOD FC-1 VINYL COMP. TILE	WB-1 4" VINYL. - NONE.	WP-I PAINTED GYP. BOARD WP-2 PAINTED GYP. BOARD WP-3 PAINTED GYP. BOARD WP-4 BLOCK FILLER AND PAINT-I. WT-I WALL TILE 4'-0" A.F.F.	ACT-I 2x2 SUSPENDED ACOUSTIC TILE AND GRID. GBP-I PAINTED GYP. BOARD. GBP-2 I HR. F.R. PAINTED GYP. BOARD. GBP-3 EXISTING GYP. BD. CEILING -PATCH/REPAIR AS REQUIRED FOR "AS NEW" APPEARANCE -PAINTED XTR-I EXISTING TO REMAIN -PROTECT -PATCH/REPAIR AS REQUIRED FOR "AS NEW" APPEARANCE -PAINTED								



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#A-3394 MO #000531

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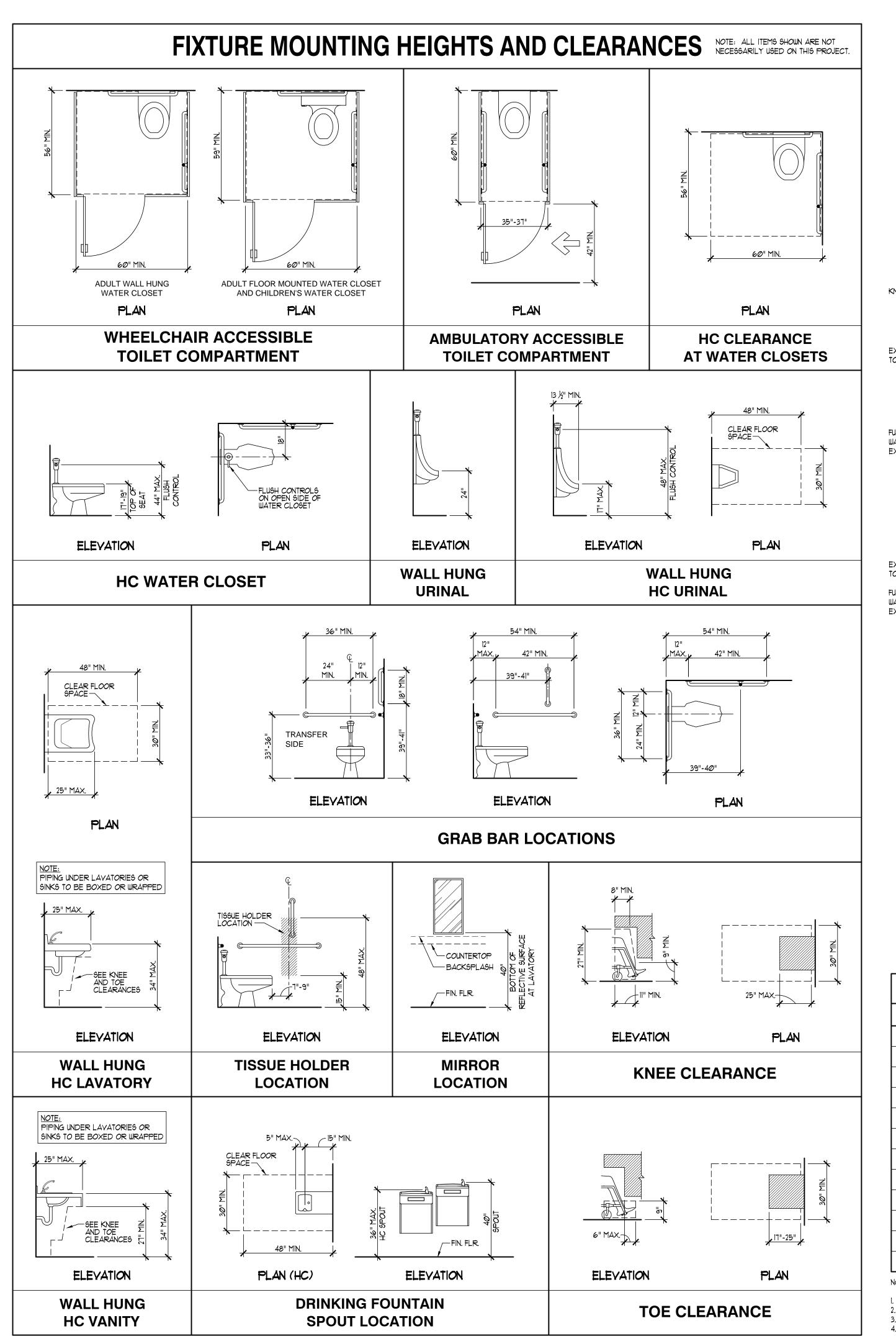
NOVEMBER 12TH, 2015

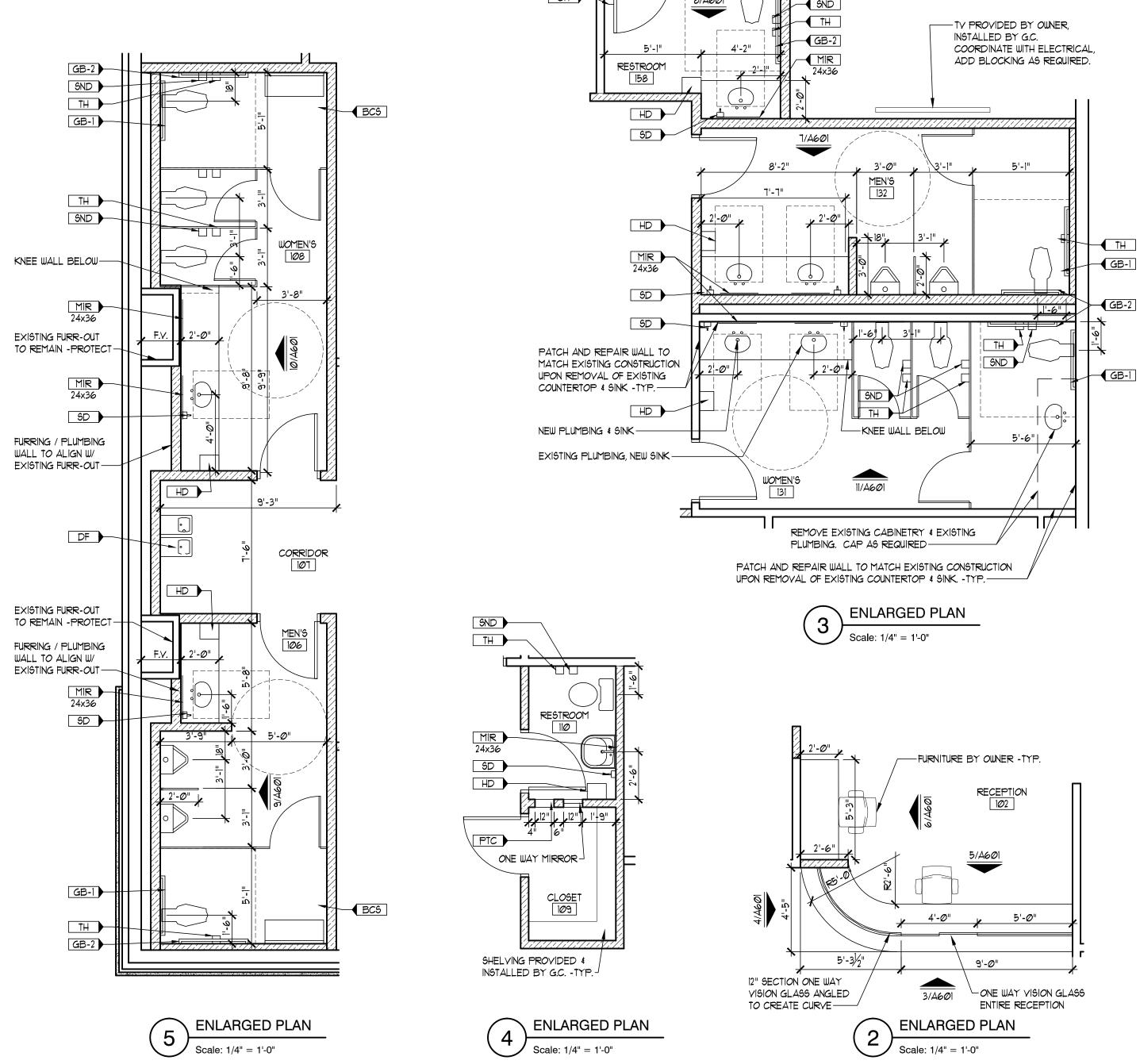
FINISH FLOOR PLAN

SHEET NO.

A103

TINISH FLOOR PLAN NORTH

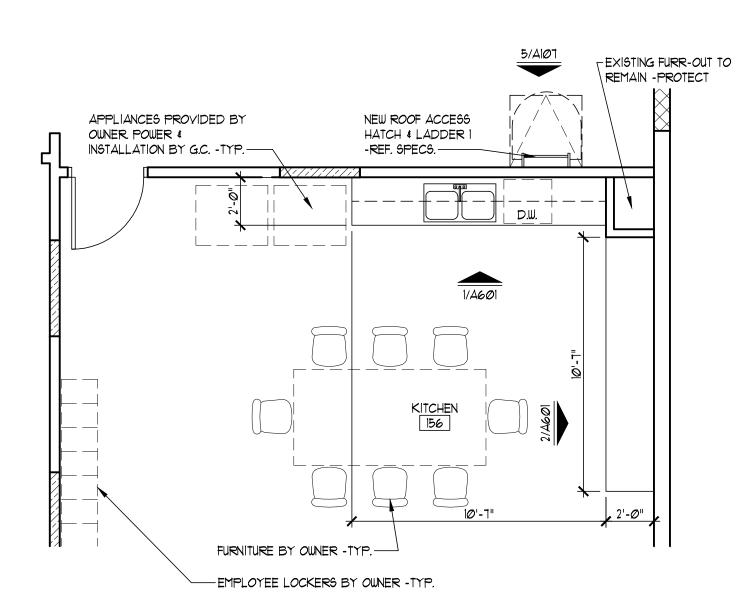


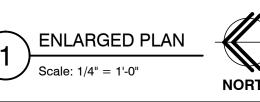


	TOILET	T ACCESSOI	RIES
MK	DESCRIPTION	MOUNTING HT.	REMARKS
всэ	BABY CHANGING STATION	PER MFR.'S A.D.A. HT.	KOALA KARE KB-200-0 CREAM WITH KB-150-99
DF	DRINKING FOUNTAIN	PER MFR.'S A.D.A. HT.	ELKAY LVRCTL89C
GB-1	36" GRAB BAR	36" A.F.F. TO C.L.	BOBRICK B-6806-36
GB-2	42" GRAB BAR	42" A.F.F. TO C.L.	BOBRICK B-6806-42
TD	HAND DRYER (ELECTRIC)	42" A.F.F.	BOBRICK B-710E-230V
MIR	MIRROR	40" A.F.F. TO REFLECTIVE SURFACE	BOBRICK B-165-2436
PTC	PASS THRU CABINET	PER MFR.'S A.D.A. HT.	BOBRICK B-505
SD	SOAP DISPENSER	42" A.F.F.	BOBRICK B-2111
SND	SANITARY NAPKIN DISPOSAL	30" A.F.F. TO TOP	BOBRICK B-270
TH	TISSUE HOLDER	19" A.F.F. TO C.L. OF ROLL	BOBRICK B-2888
TR	TRASH RECEPTACLE		BY OWNER

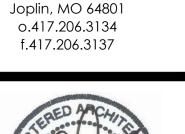
- PROVIDE 2x6 BLOCKING AT ALL GRAB BARS.
- PROVIDE BLOCKING AT ALL FIXTURES AS REQUIRED.
- 3. SEE SPECIFICATIONS FOR MANUFACTURER / MODEL INFORMATION. 4. GENERAL CONTRACTOR SHALL PROVIDE PICTORIAL SYMBOL OF MEN'S AND WOMEN'S RESTROOM

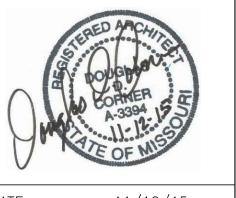
SIGNAGE, INCLUDING HANDICAP SYMBOL WHERE NECESSARY, IN COMPLIANCE W/ ADA REQUIREMENTS. 5. COLORS SELECTED BY ARCHITECT.



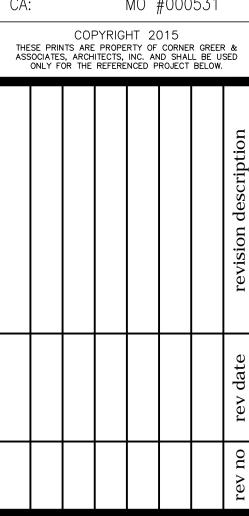








DATE:	11/12/15
ARCHITECT:	DOUGLAS D. CORNER #A-3394
CA·	MO #0005.31



JOPLIN

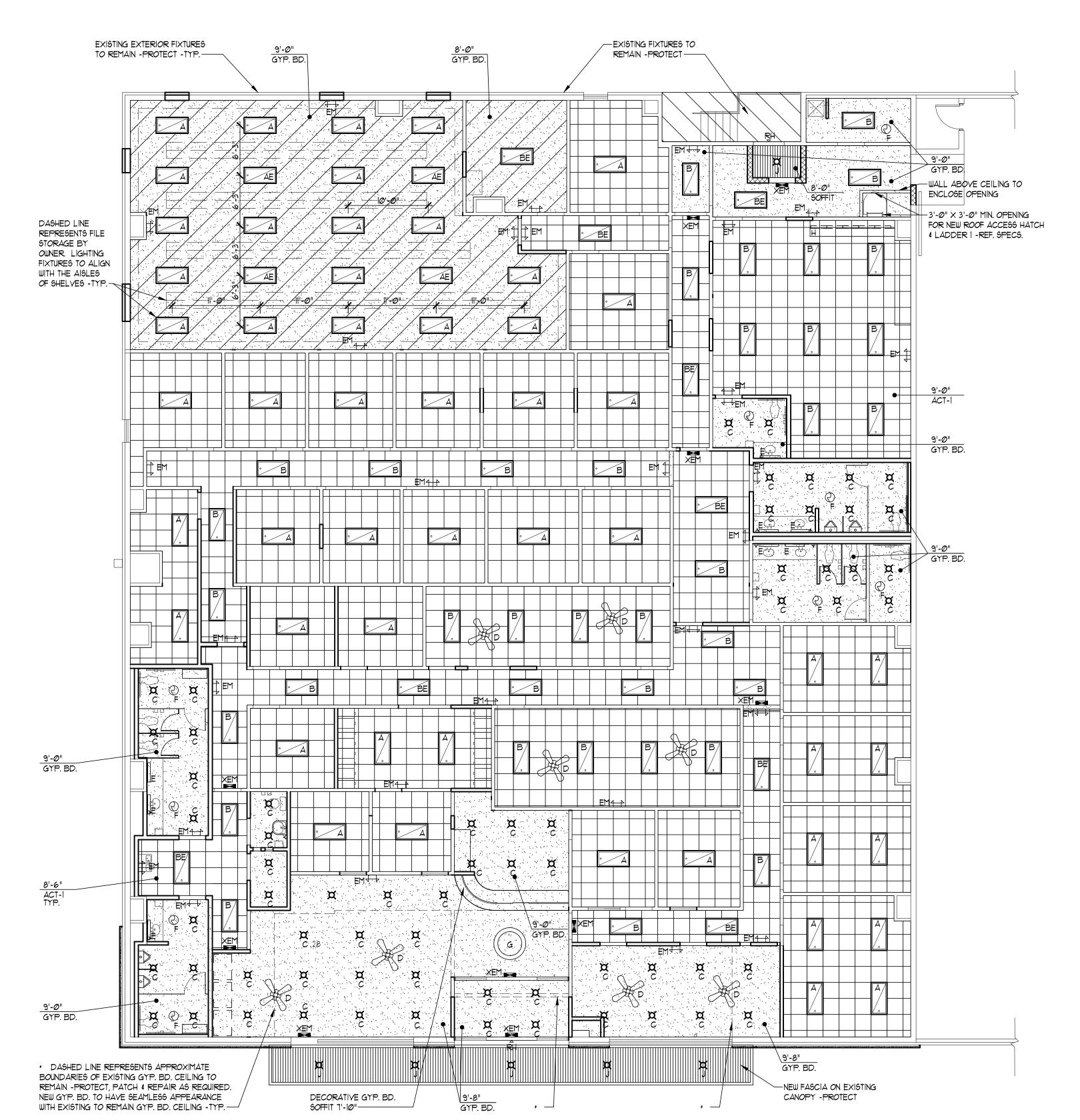
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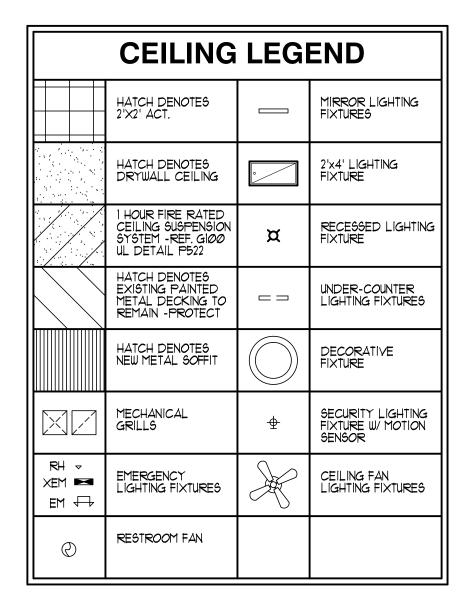
■ ISSUE DATE ■

NOVEMBER 12TH, 2015

ENLARGED PLANS

SHEET NO.





GENERAL NOTES:

- 1. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. IF DISCREPANCIES OCCUR REGARDING FIXTURE LOCATIONS AND/OR QUANTITIES BETWEEN THE ARCHITECTURAL CEILING / LIGHTING PLAN AND ANY ENGINEERING DRAWINGS, THE ELECTRICAL LIGHTING PLAN TAKES PRECEDENCE.
- 2. REFER TO ELECTRICAL FOR FIXTURE TYPES, POWER AND CIRCUITING.
- 3. LIGHT FIXTURES, SOFFITS, ETC. WILL ONLY BE DIMENSIONED ON THIS PLAN WHERE THE POSITION, SPACING, OR DESIGN INTENT IS CRITICAL OR NOT OTHERWISE READILY APPARENT.
- 4. IN THE EYENT THAT WIDTH / THICKNESS OF BULKHEADS ARE NOT DIMENSIONED (TYP. THROUGHOUT), IT IS UNDERSTOOD THAT WIDTH WILL EITHER: A. MATCH ADJACENT WALL WIDTH, OR B. BE FRAMED WITH SINGLE 6" STUD.
- 5. G.C. TO ENSURE THAT ALL SUPPORT RODS AT PENDANT FIXTURES ARE SAME COLOR AS LIGHT FIXTURE.
- 6. TRIM FOR ALL RECESSED LIGHT FIXTURES TO BE WHITE UNLESS NOTED OTHERWISE ON PLAN. IF FINISH IS NOT WHITE OR IS NOT SPECIFIED TO BE OTHERWISE, PAINTING IS TO BE DONE IN THE FIELD BY THE CONTRACTOR (NOT FACTORY). COLOR IS TO BE THE SAME AS THE CEILING IN WHICH THE FIXTURE IS INSTALLED.
- 1. ALL COVER PLATES AND SWITCHES ARE TO BE METAL WHITE FINISH, COMMERCIAL GRADE UNLESS OTHERWISE NOTED.
- 8. ALL WALL CABINETS SHALL BE PROVIDED WITH UNDER CABINET LIGHTING.
- 9. ALL L.E.D. LAMPS SHALL BE 3500K.
- 10. EMERGENCY / EXIT LIGHT QUANTITIES AND LOCATIONS TO BE AS INDICATED ON THE ELECTRICAL DRAWINGS.
- 11. WHERE WHITE CEILING TILES ARE SPECIFIED, THE CONTRACTOR SHALL ORDER AND INSTALL WHITE DIFFUSERS. WHERE BLACK CEILING TILES ARE SPECIFIED, THE CONTRACTOR SHALL ORDER BLACK DIFFUSERS. DIFFUSERS IN GYP. CEILINGS AND WALLS SHALL BE PAINTED TO MATCH BY CONTRACTOR.
- 12. MECHANICAL SYSTEM DIFFUSERS NOT SHOWN ON THIS SHEET AND SHALL BE COORDINATED BY G.C. PRIOR TO CONSTRUCTION. REFER TO MECHANICAL FOR LOCATIONS.
- 13. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF THE OTHER SUBCONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN, "I GOT HERE FIRST".
- 14. ALL FIXTURES TO BE PROVIDED BY, RECEIVED, STORED, AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 15. G.C. TO SUPPLY (1) UNOPENED CASE OF EACH TYPE OF CEILING TILE AT END OF
- 16. ELECTRICAL CONTRACTOR SHALL SUPPLY 10% ADDITIONAL SPARE OF ALL LAMP TYPES, TO BE LEFT AT JOB SITE AT END OF JOB.
- 17. REFER TO DEMOLITION FLOOR PLAN SHEET A100 FOR ADDITIONAL INFORMATION.

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#A-3394 MO #000531

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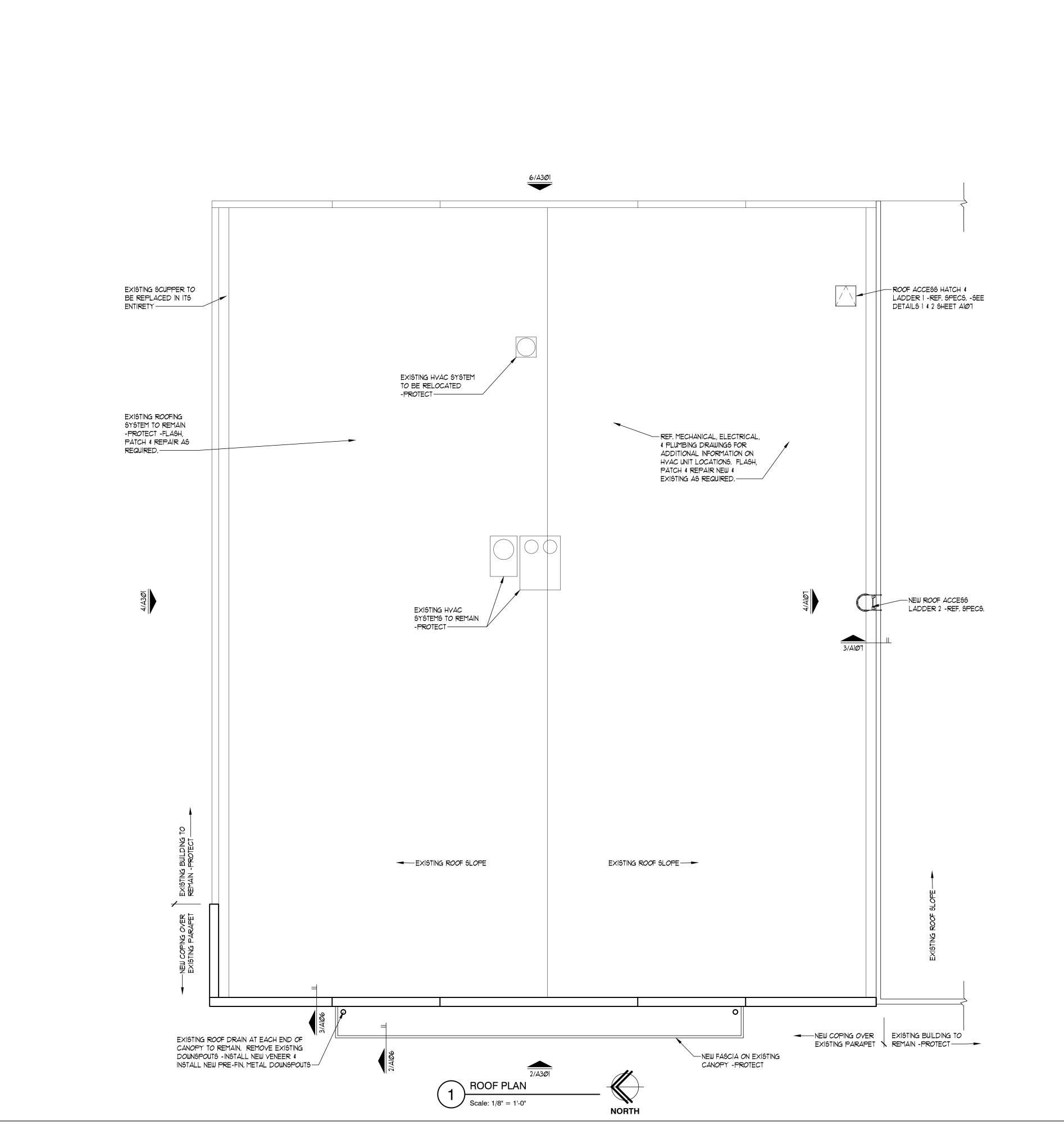
ISSUE DATE

NOVEMBER 12TH, 2015

SHEET -

REFLECTED **CEILING PLAN**

SHEET NO.





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BOUGHAULT BOUGHAULT BOOMER A-3394 LES A-3394 LES A-3394 LES

DATE: 11/12/15
ARCHITECT: DOUGLAS D. CORNER #A-3394

#A-3394 CA: MO #000531

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RENOVATION for:

ISSUE DATE

NOVEMBER 12TH, 2015

SHEET -

ROOF PLAN

SHEET NO.

A106

S\Ozark Center Virginia St\CDs\+A106——Roof—Plan.dwg Nov 12, 2015 — 1:47pm

ROOFING CONTRACTOR SHALL SEAL NEW METAL FLASHING TO EXISTING PARAPET -

METAL FLASHING W/ CONT. ____ 8" \ ____

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

— 24 G.A. PRE-FINISHED FASCIA W/ HOLD DOWN CLIPS

— FLASH INTO EXISTING ROOF

EXISTING SOFFIT TO REMAIN

NEW METAL SOFFIT

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

EXISTING CANOPY ROOFING SYSTEM
 \$ STRUCTURE TO REMAIN -PROTECT

NEW CONT. 24 GA. PRE-FIN.

HOLD DOWN CLIPS

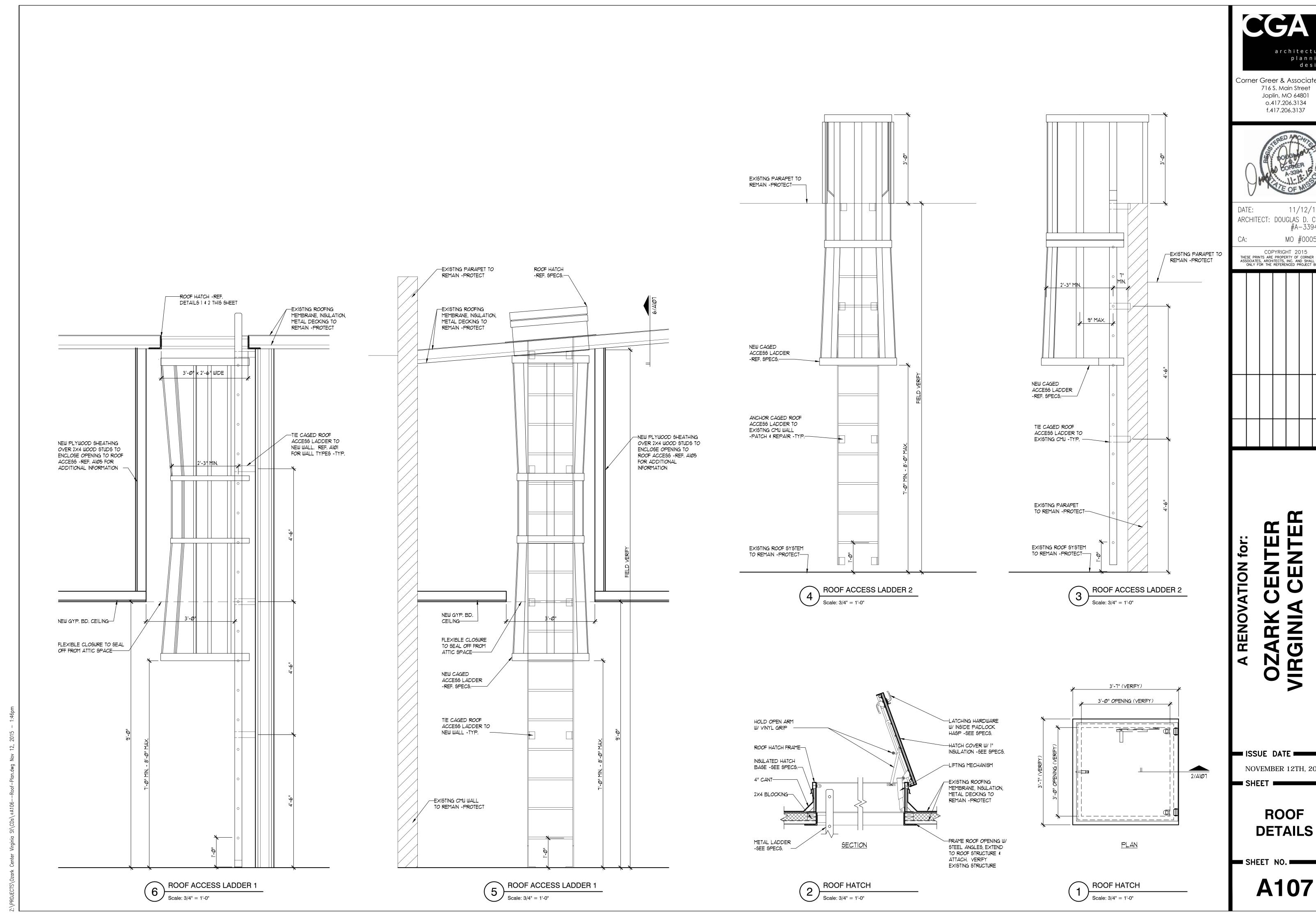
CONT. 2X6 TREATED BLOCKING ANCHORED TO PARAPET —

E.I.F.S. OR STONE VENEER -ADHERE TO EXISTING FACADE -REF. SPECS. -

EXISTING PARAPET TO REMAIN -PROTECT —

NEW FASCIA ON METAL HAT SECTIONS —

CONT 24 G.A. PRE-FINISHED METAL FLASHING W/ CONT. DRIP



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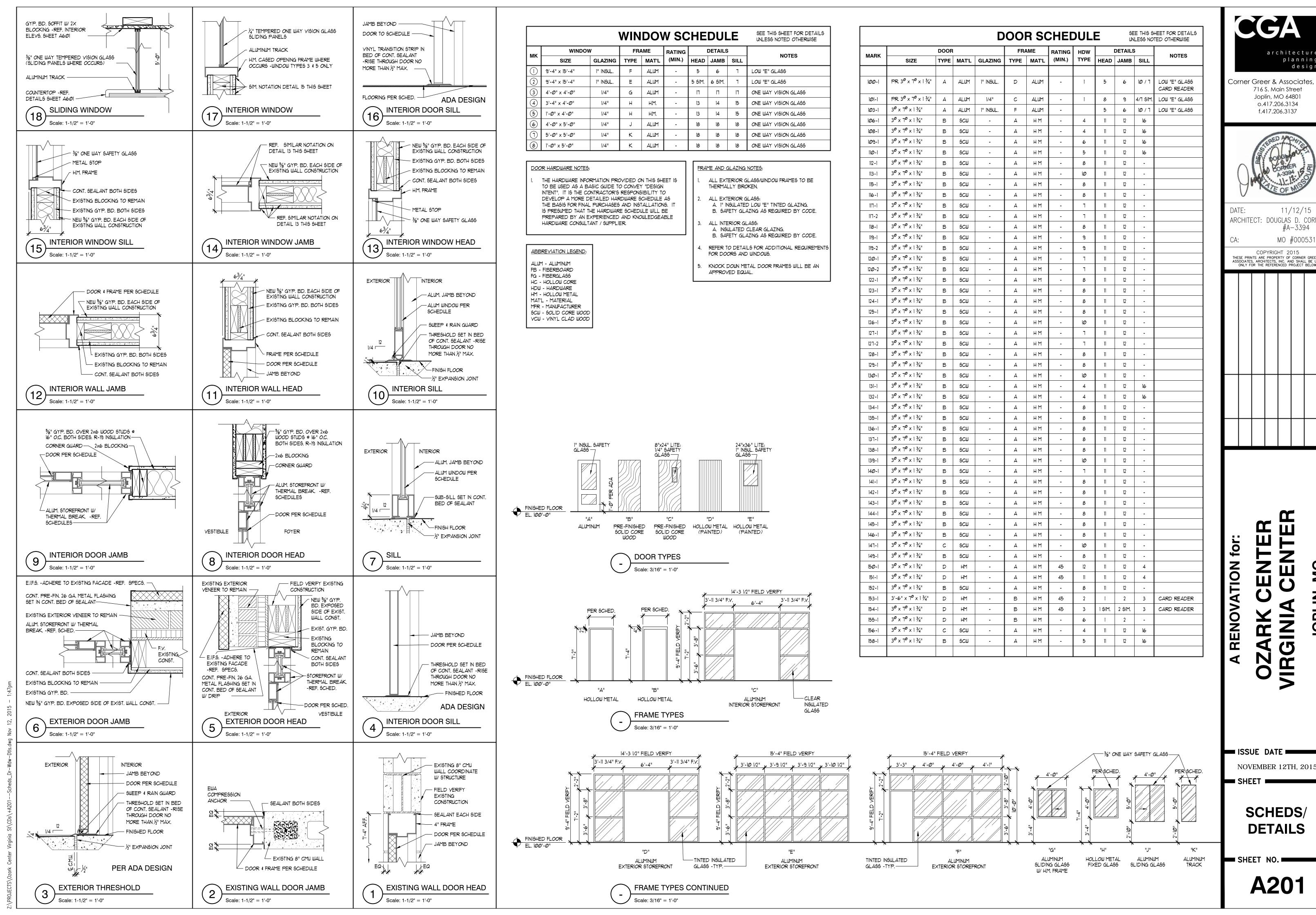
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JOPLIN

NOVEMBER 12TH, 2015



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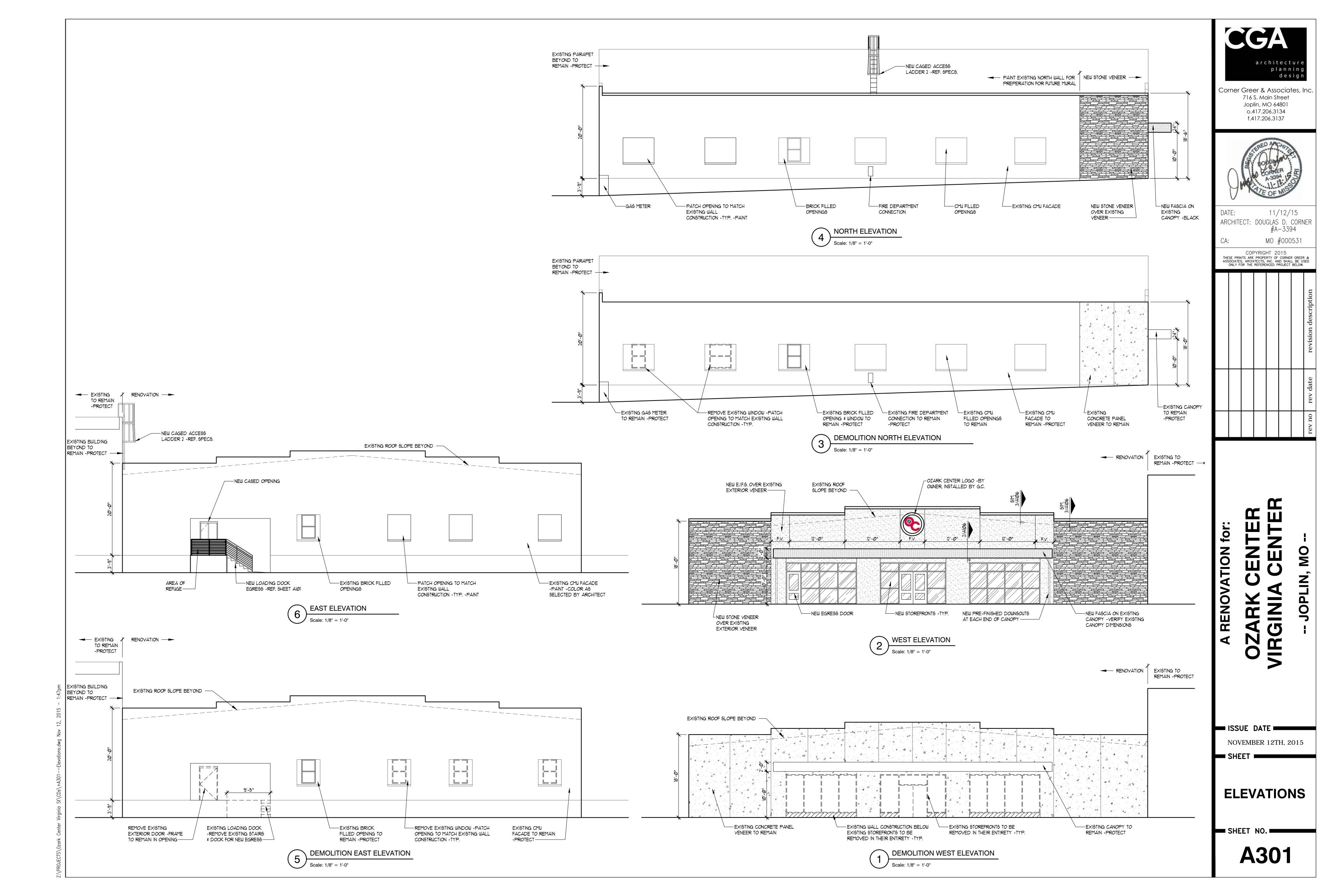


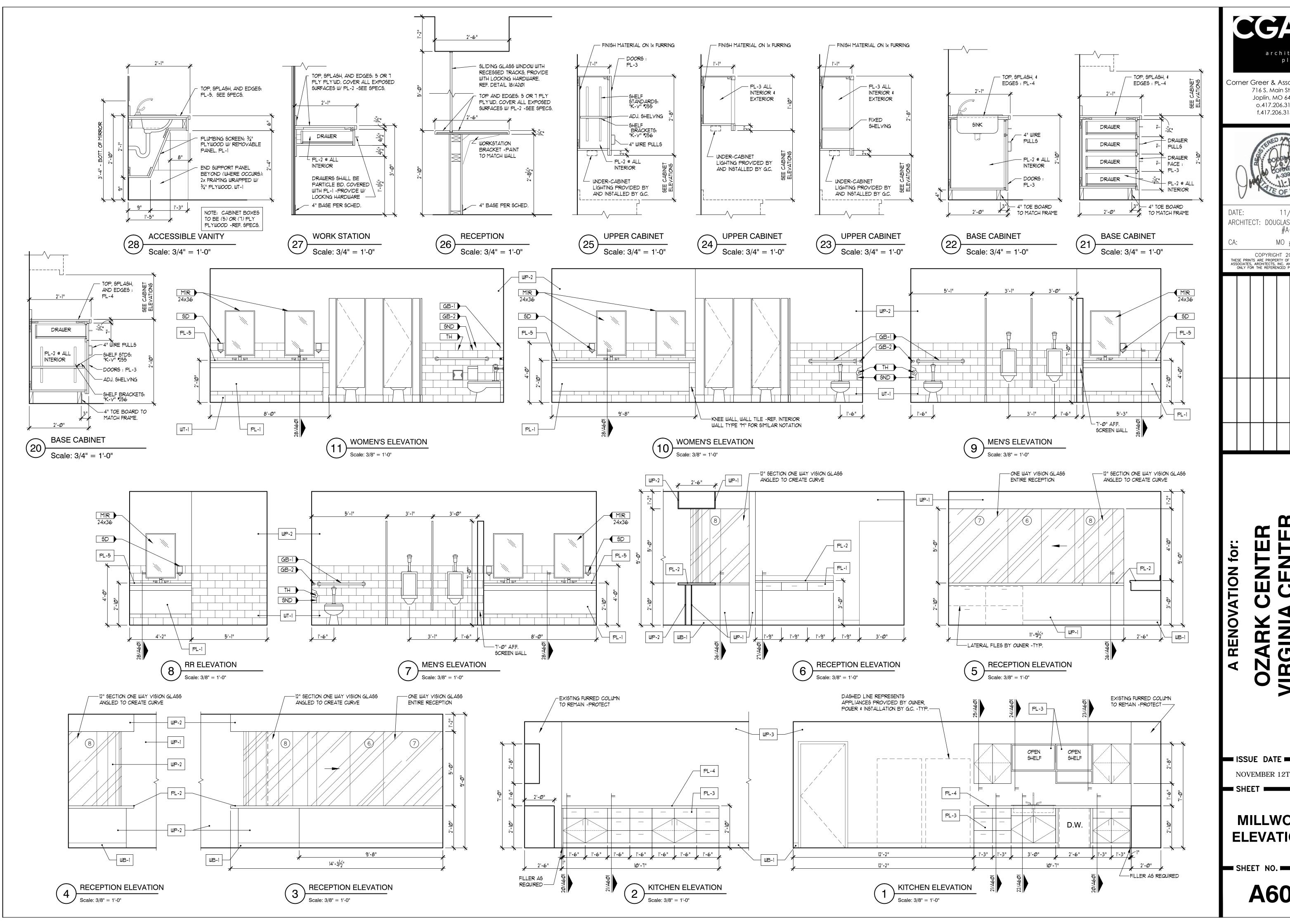
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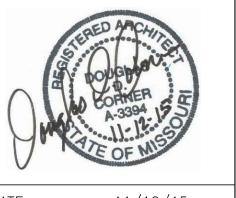
NOVEMBER 12TH, 2015





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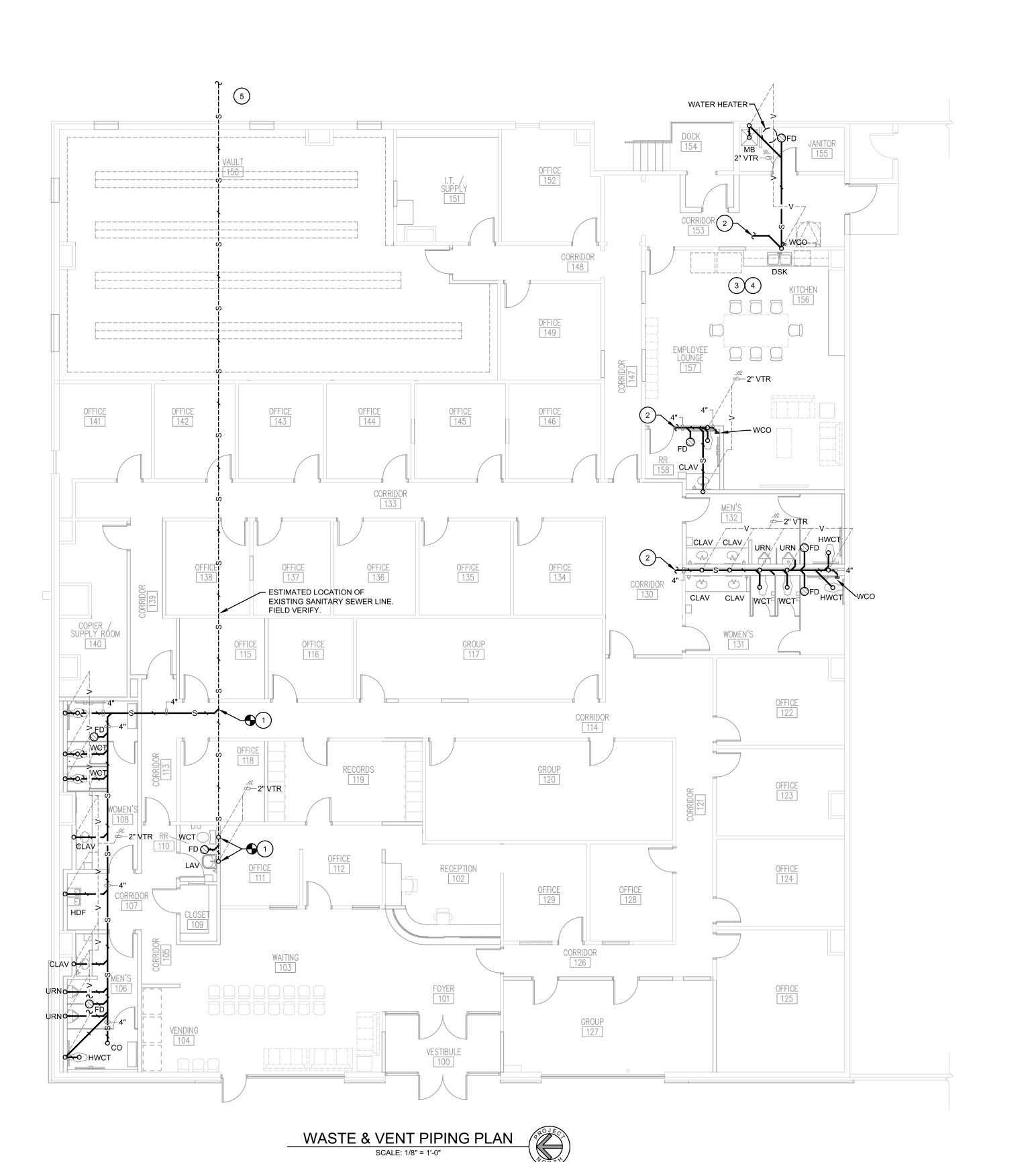


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MILLWORK ELEVATIONS



INDICATED BY SYMBOLS 1, 2, ETC.

1. NEW SANITARY SEWER CONNECTION TO EXISTING 4" SANITARY SEWER LINE. FIELD VERIFY EXISTING LINE SIZE AND INVERT. IF EXISTING SIZE OR INVERT ARE INSUFFICIEN' SIZE OR TOO SHALLOW FOR CONNECTION REPLACE ENTIRE LINE IN IT'S CURRENT FOOTPRINT WITH NEW 4" LINE AT PROPER DEPTH.

PLUMBING CONTRACTOR TO CONNECT TO NEAREST 4" SANITARY SEWER LINE. FIELD VERIFY LOCATION AND SIZE.

GENERAL NOTES

- ALL PLUMBING WORK SHALL COMPLY WITH THE 2012 EDITION OF THE INTERNATIONAL PLUMBING CODE.
- DRAWING IS DIAGRAMMATIC AND IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS AND FIELD CONDITIONS FOR DIMENSIONS.
- 3. SEE SPECIFICATIONS FOR PIPING, VALVE AND INSULATION REQUIREMENTS.
- PLUMBING FIXTURES ARE TO BE FURNISHED COMPLETE WITH ALL NECESSARY STOPS, TRAPS, TAILPIECES, TRIM, ETC.
- 5. PROVIDE WATER HAMMER ARRESTERS ON THE SUPPLY PIPING (CW & HW) WHERE INDICATED ON THE PLAN. ARRESTERS SHA BE SIOUX CHIEF MODEL 652-A OR EQUAL. INSTALL ARRESTERS PER THE MANUFACTURER'S RECOMMENDATIONS. TI ARRESTERS SHALL BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS. CAPPED AIR CHAMBERS ARE NOT ALLOWER.
- 6. ALL HOT AND COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1/2", UNLESS NOTED OTHERWISE.
- 7. THE CONTRACTOR SHALL COORDINATE WIT ALL OTHER CONTRACTORS AND SUBCONTRACTORS IN LAYING OUT AND INSTALLING HIS WORK. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
- 8. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A COMPLETE AND OPERABLE SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLE OUT.
- 9. ALL FLOOR DRAINS, AND INTERIOR
 CLEANOUTS SHALL BE INSTALLED FLUSH
 WITH FINISHED FLOOR COVERING. FLOOR
 SHALL NOT BE SLOPED TO DRAIN UNLESS
 SPECIFICALLY INDICATED ON THE PLANS.
- 10. PROPERLY CAP AND CONCEAL ALL UNL EXISTING SANITARY PLUMBING LINES.
- 11. ALL EXISTING SANITARY SEWER LINES SHALE BE SCOPED PRIOR TO CONSTRUCTION.
 UNPLUG, REPAIR, OR REPLACE ANY LINES
 THAT ARE OBSTRUCTED.
 - FOR CITY CONTRACTOR FEES FOR STREAMD SIDEWALK PATCHES IF REQUIRED.



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DATE: 11/12/15
ENGINEER: CHRISTOPHER DUNCAN
PE-2005021661

CA: MO# E-2014013301

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ISSUE DATE

November 12, 2015

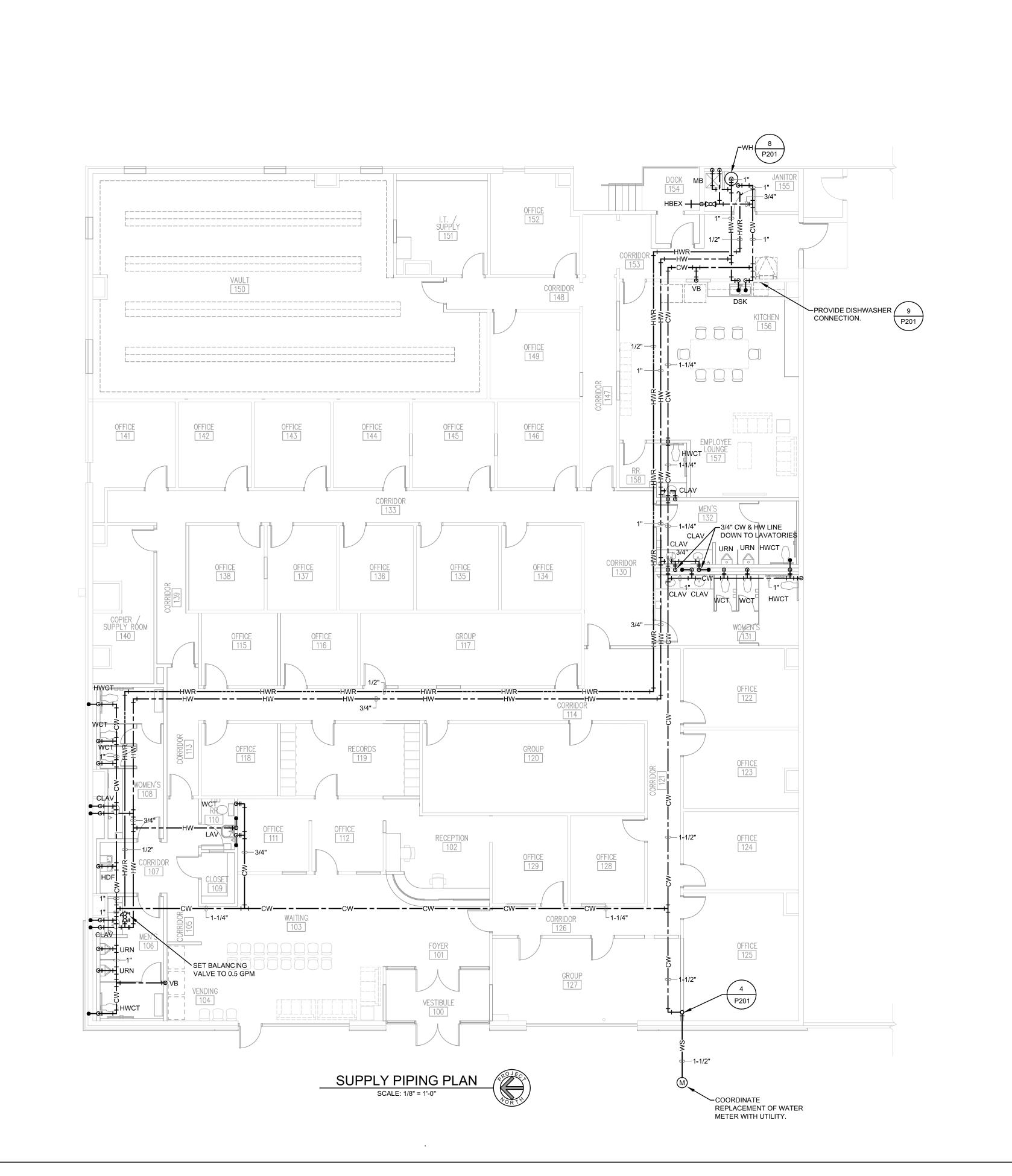
■ SHEET

WASTE & VENT
PIPING
PLAN

SHEET NO.

P101







-----WS------ WATER SERVICE -----CW------ COLD WATER

HWR—HOT WATER RETURN S———— BUILDING WASTE/SEWER

----EXISTING PIPE

-----VENT

PIPE BELOW GRADE EQUIPMENT CONNECTION

TEE

———— TEE DOWN WATER HAMMER ARRESTOR PIPING CONTINUATION

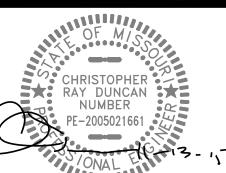
BALL VALVE CIRCUIT BALANCING VALVE FLOOR DRAIN

CLEANOUT COEX OUTDOOR CLEANOUT WALL CLEANOUT **⊩**wco

GAS PRESSURE REGULATO DENOTES "CONNECT TO

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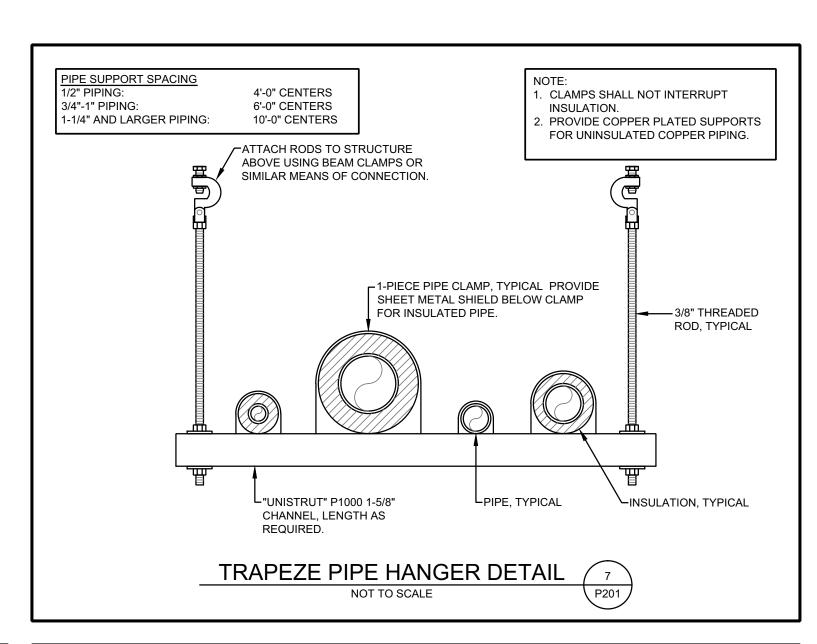
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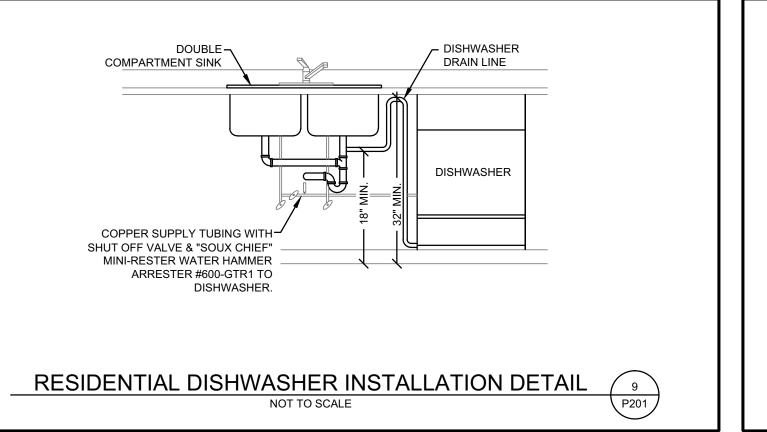
November 12, 2015

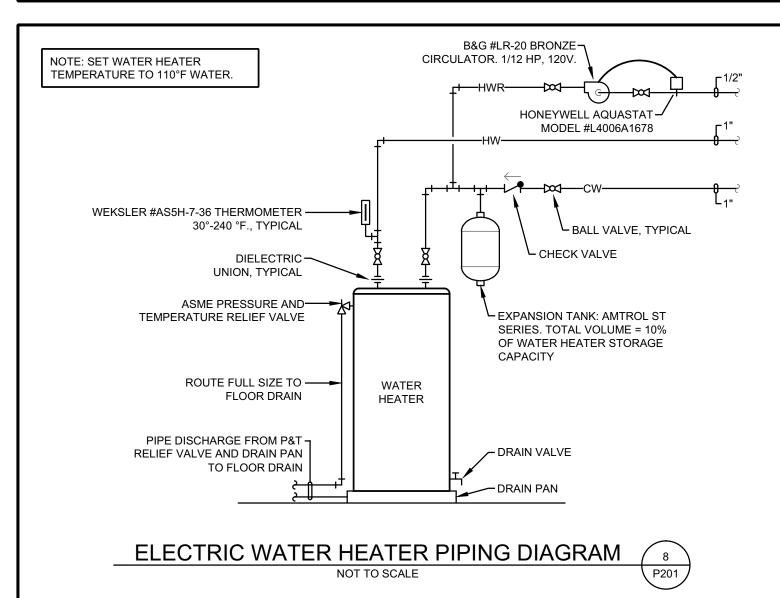
SUPPLY PIPING

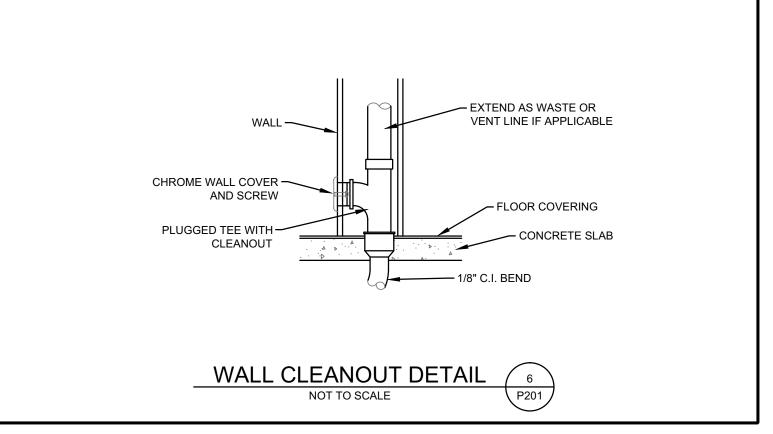
PLAN

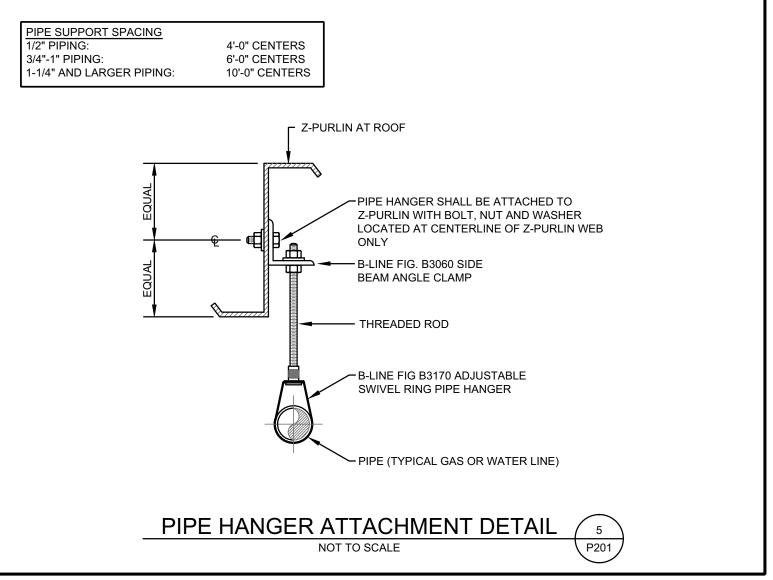
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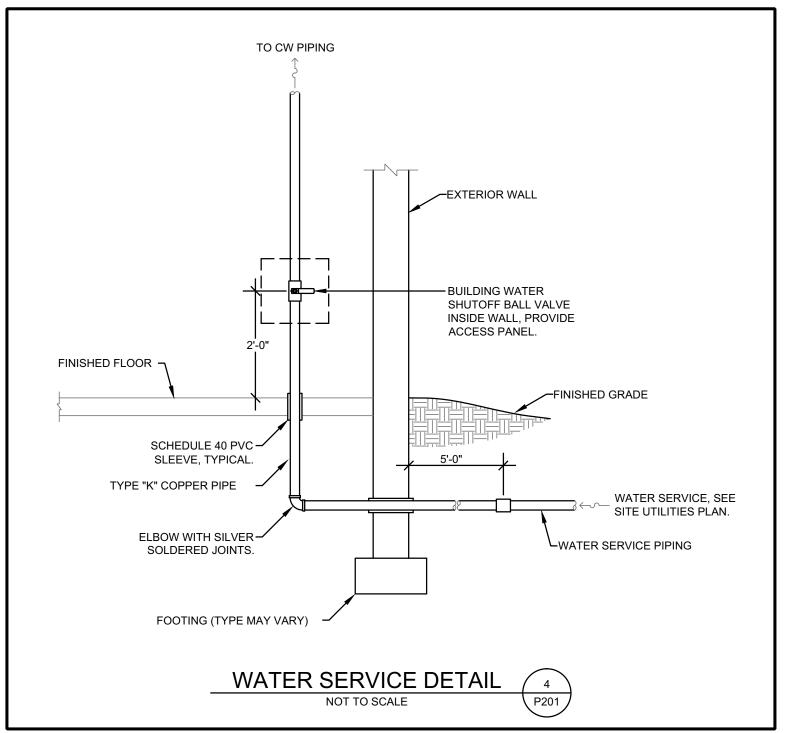


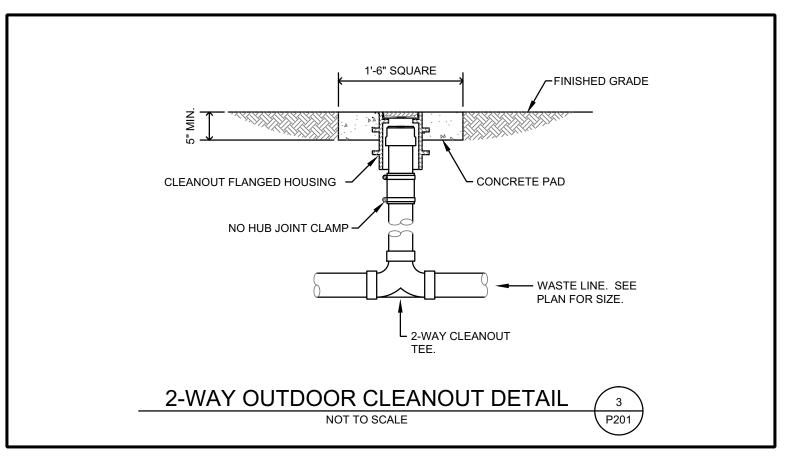


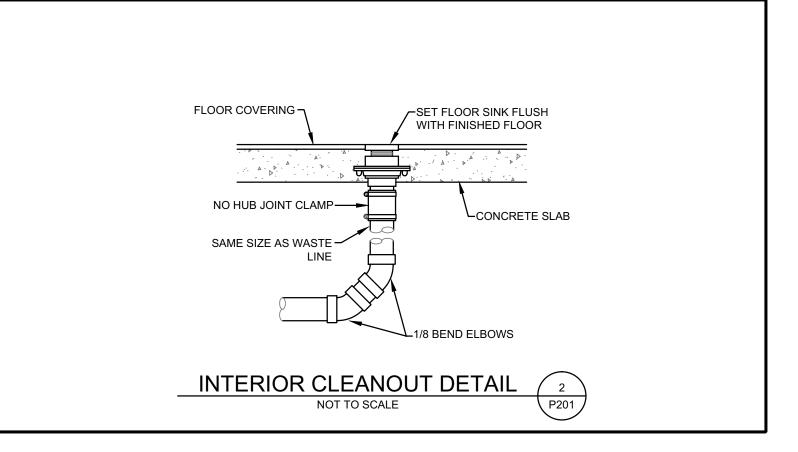


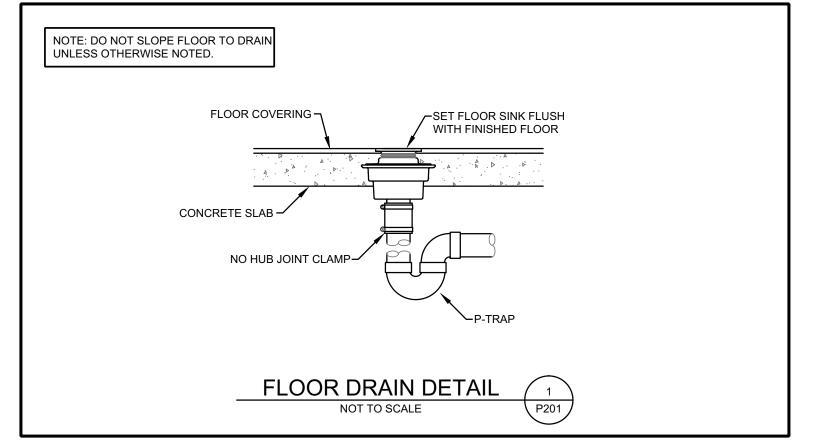
















Corner Greer & Associates, Inc.

716 S. Main Street Joplin, MO 64801 0.417.206.3134 f.417.206.3137

DATE: 11/12/15 ENGINEER: CHRISTOPHER DUNCAN PE-2005021661 CA: MO# E-2014013301

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PLUMBING DETAILS

P201

		_			PIPING	REQUIRE	MENTS	_		
MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	ACCESSORIES	WASTE	VENT	SUPPLY	REMARKS	APPROVED MANUFACTURERS	
WCT	WATER CLOSET (TANK TYPE)	тото	DRAKE CST744S	BOLT DOWN LID, CHURCH #3155SSC WHITE OPEN FRONT SEAT COMPLETE WITH BOLT CAPS	4"	2"	1/2"	-	AMERICAN STANDARD, ZURN, KOHLER AND CRANE	
HWCT	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	тото	DRAKE CST744SL	BOLT DOWN LID, CHURCH #3155SSC WHITE OPEN FRONT SEAT COMPLETE WITH BOLT CAPS	4"	2"	1/2"	FLUSH HANDLE ON WIDE SIDE OF STALL	AMERICAN STANDARD, ZURN, KOHLER AND CRANE	
URN	URINAL (WALL MOUNT)	тото	UT447	ZURN #ZER6003AV-CP-WS1-YK SENSOR OPERATED BATTERY POWERED FLUSH VALVE WITH SOLID RING PIPE SUPPORT AND JAY R. SMITH #0710 FLOOR MOUNTED URINAL SUPPORTS	2"	1-1/2"	3/4"		AMERICAN STANDARD, ZURN, KOHLER AND CRANE	
LAV	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	тото	LT307 (SINGLE HOLE)	CHICAGO FAUCET GEBERIT #115.729.21.1 SENSOR OPERATED BATTERY POWERED CENTERSET FAUCET WITH GRID DRAIN, JAY R. SMITH #0710 FLOOR MOUNTED LAVATORY SUPPORTS AND TRUEBRO #2018-TO-L LAV SHIELD	2"	1-1/2"	1/2"	MOUNT FLUSH TO WALL	AMERICAN STANDARD, ELJER, KOHLER AND CRANE	
CLAV	HANDICAP ACCESSIBLE LAVATORY (COUNTERTOP)	тото	LT402 (SINGLE HOLE)	CHICAGO FAUCET GEBERIT #115.729.21.1 SENSOR OPERATED BATTERY POWERED CENTERSET FAUCET WITH GRID DRAIN, JAY R. SMITH #0710 FLOOR MOUNTED LAVATORY SUPPORTS AND TRUEBRO #2018-TO-L LAV SHIELD	2"	1-1/2"	1/2"		AMERICAN STANDARD, ZURN, KOHLER AND CRANE	
DSK	DOUBLE COMPARTMENT SINK	ELKAY	DLR-332210	CHICAGO FAUCET #2300-8CP FAUCET AND #LK-35 STRAINER AND IN-SINK-ERATOR BADGER 5 DISPOSER	2"	1-1/2"	1/2"	PUNCHED THREE HOLES.	AMERICAN STANDARD, ZURN, KOHLER, CRANE AND JUST	
MB	MOP BASIN	FIAT	MSB-2424	#832-AA HOSE AND BRACKET, #889-CC-24" MOP HANGER AND CHICAGO FAUCET #897-RCP SERVICE SINK FAUCET.	3"	1-1/2"	1/2"	WITH VACUUM BREAKER	SWANSTONE AND STERN WILLIAMS	
HDF	BARRIER-FREE TWO STATION DRINKING FOUNTAIN	ELKAY	EZSTL8C	#LKAPREZL APRON, INSTALL ON UPPER UNIT	2"	1-1/2"	1/2"	UPPER RIM HEIGHT 40" A.F.F. (VERIFY).	HALSEY TAYLOR, HAWS AND ACORI AQUA	
HBEX	HOSE BIBB (EXTERIOR)	WOODFORD	MODEL 65	WITH WALL CLAMP			3/4"	WITH VACUUM BREAKER	ZURN AND JAY R. SMITH	
VB	VALVE BOX	OATEY	38808	QUARTER TURN VALVE			1/2"	20 GA. STEEL BOX	GUY GRAY	
FD	FLOOR DRAIN	ZURN	ZN415B	5" NICKLE BRONZE LIGHT DUTY STRAINER AND "PROSET" SYSTEMS TRAP GUARD	2"	1-1/2"			JAY R SMITH, WADE, MIFAB, JOSAN	
СО	CLEANOUT (INTERIOR)	ZURN	ZN1400	DURA-COATED CAST IRON BODY W/POLISHED NICKEL BRONZE LIGHT DUTY TOP	SEE PLAN			SAME SIZE AS LINE	JAY R SMITH, WADE, MIFAB, JOSAN	
wco	WALL CLEANOUT	ZURN	Z1468		SEE PLAN			SAME SIZE AS LINE	JAY R SMITH, WADE, MIFAB, JOSAN	

	WATER HEATER SCHEDULE													
MARK	MANUFACTURER	MODEL NO.	TYPE	CAPACITY (GAL.)	RECOVERY (GPH@90°F)				VOLT/PH	ACCESSORIES				
WH	AO SMITH	DRE-52	ELEC.	50	55		4.5		208/3	PTRV				
NOTES:					ABBREVIATIONS: PTRV - PRESSURE & TEMPERATURE RELIEF VALVE.									



Corner Greer & Associates, Inc. 716 S. Main Street Joplin, MO 64801 o.417.206.3134 f.417.206.3137

CHRISTOPHER
RAY DUNCAN
NUMBER
PE-2005021661

DATE: 11/12/15
ENGINEER: CHRISTOPHER DUNCAN
PE-2005021661
CA: MO# E-2014013301

CA: MU# E-20140133

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OZARK CENTER VIRGINIA CENTER

ISSUE DATE

November 12, 2015

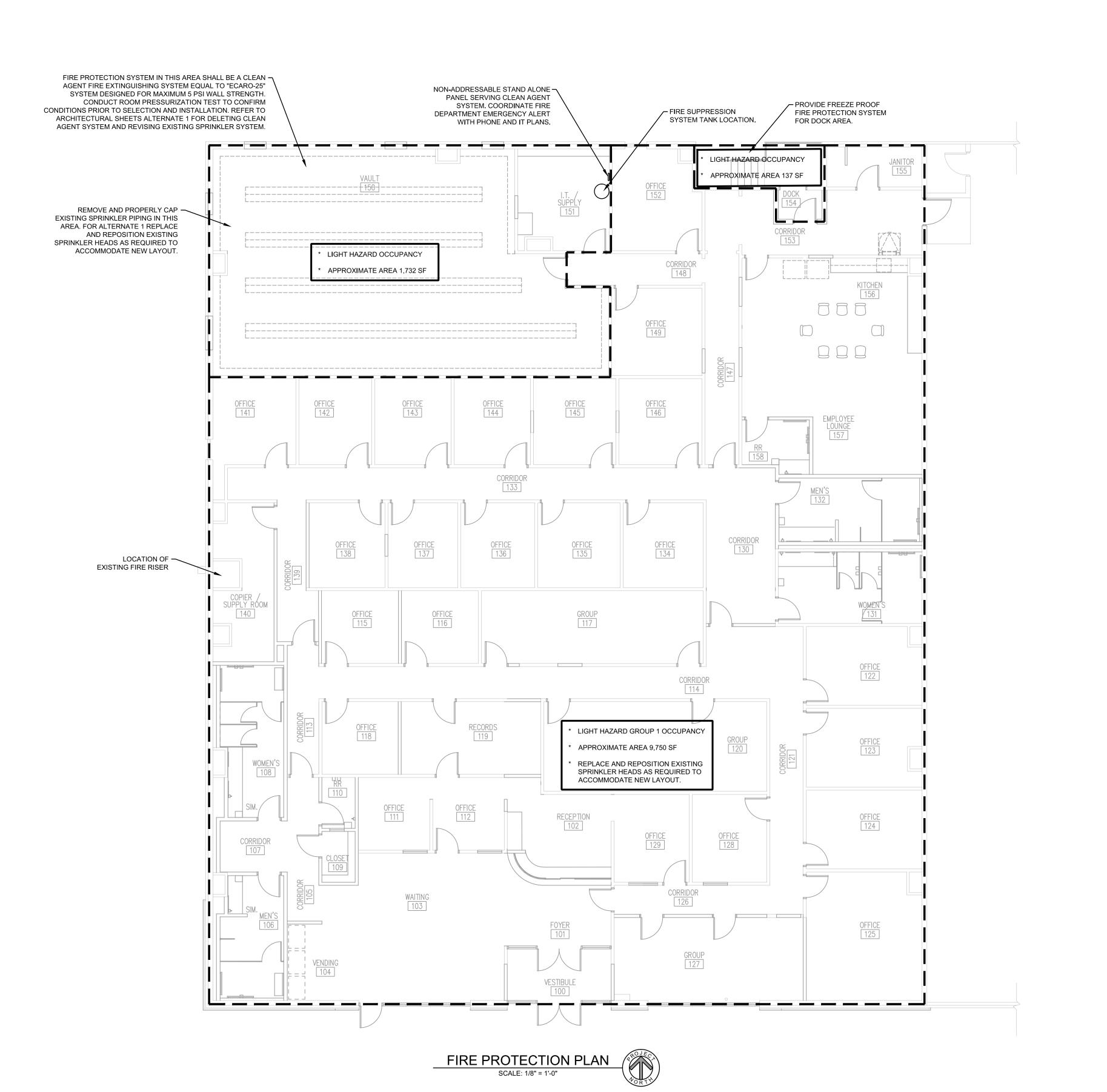
SHEET

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PLUMBING SCHEDULES

- CHEET NO ---

P301



GENERAL NOTES

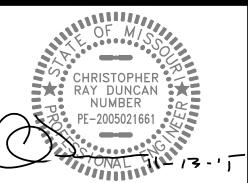
- REFER TO THE ARCHITECTURAL PLANS FOR CEILING TYPE AND CEILING HEIGHT.
- THE CONTRACTOR SHALL PROVIDE A
 COMPLETE SPRINKLER SYSTEM INSTALLED
 IN ACCORDANCE WITH THE LATEST EDITION

OF NFPA 13 AND ALL LOCAL CODES.

- 3. ANY PIPING SHOWN ON THIS PLAN IS DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL PROVIDE A DETAILED SPRINKLER SYSTEM DESIGN INCLUDING SHOP DRAWINGS AND HYDRAULIC CALCULATIONS PREPARED BY A NICET LEVEL III TECHNICIAN OR A REGISTERED ENGINEER. THE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE REVIEWED BY CONWAY DUNCAN, INC. PRIOR TO CONSTRUCTION.
- 4. FREEZE PROTECTION: WHERE PIPING IS TO BE LOCATED IN AREAS SUBJECT TO FREEZING, SUCH AS ATTICS OR OTHER UNHEATED AREAS, PROVISIONS SHALL BE MADE FOR FREEZE PROTECTION.
- THE CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- COORDINATE ALL HEAD AND PIPE LOCATIONS WITH THE WORK OF OTHER TRADES. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
- 7. THE CONTRACTOR SHALL INSTALL A
 COMPLETE AND OPERABLE SYSTEM TO
 PROTECT THE BUILDING AS REQUIRED,
 WHETHER OR NOT EVERY ELEMENT
 REQUIRED IS SPECIFICALLY CALLED OUT.
- 8. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOULD NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.



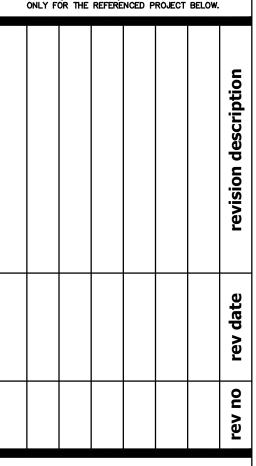
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DATE: 11/12/15
ENGINEER: CHRISTOPHER DUNCAN PE-2005021661

CA: MD# E-2014013301

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DZARK CENTER IIRGINIA CENTER

ISSUE DATE

November 12, 2015

SHEET



FIRE PROTECTION PLAN

SHEET NO.

FP101

HVAC DEMOLITION

ELECTRICAL WIRING AND DEVICES IN THE WORK AREA SHALL BE REMOVED UNLESS OTHERWISE INDICATED ON THIS PLAN. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT REMOVED. ALL EXPOSED PENETRATIONS TO EXTERIOR SHALL BE PATCHED TO MATCH EXISTING PER ARCHITECTS DIRECTION.

ALL EXISTING HVAC EQUIPMENT AND ASSOCIATED DUCTWORK, GAS PIPING, SUPPORTS,

INDICATED BY SYMBOLS 1, 2, ETC.

KEY NOTES

- PROVIDE NEW 7-DAY PROGRAMMABLE THERMOSTAT WITH TAMPER RESISTANT
- COVER FOR RELOCATED 5-TON SPLIT SYSTEM. ROUTE 3/4" CONDENSATE LINE DOWN IN
- WALL TO SINK TAILPIECE. 3. RELOCATE EXISTING 5-TON FAN COIL TO THIS
- 4. RELOCATE EXISTING 5-TON HEAT PUMP UNIT
- TO THIS LOCATION. 5. 12x12 EXHAUST DUCT UP TO EXHAUST FAN
- 6. EXISTING 10 TON PACKAGED ROOFTOP UNIT TO REMAIN. PROVIDE RETURN DUCT SMOKE DETECTOR IF NOT ALREADY INSTALLED. SET OUTSIDE AIR TO 600 CFM.
- 7. EXISTING 15 TON PACKAGED ROOFTOP UNIT TO REMAIN. PROVIDE RETURN DUCT SMOKE DETECTOR IF NOT ALREADY INSTALLED.SET OUTSIDE AIR TO 900 CFM.
- 8. 16x16 RELIEF AIR DUCT (UNINSULATED) FROM RETURN AIR GRILLE UP THRU ROOF TO RELIEF VENTILATOR EQUIPPED WITH BAROMETRIC RELIEF DAMPER.
- 9. APPROXIMATE LOCATION OF ZONE/BYPASS CONTROL PANELS

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2006 EDITION OF THE INTERNATIONAL MECHANICAL CODE.
- 2. DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL PLANS OR FIELD MEASUREMENTS FOR DIMENSIONS.
- 3. ALL ROOF AND WALL PENETRATIONS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. PROVIDE ALL REQUIRED SLEEVES, FLASHINGS, CURBS, REINFORCING ANGLES, SUPPORTING FRAMES, ETC. UNLESS THEY ARE SPECIFICALLY CALLED OUT TO BE FURNISHED BY OTHERS.
- 4. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER SUBCONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
- 5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL DEVICES REQUIRED TO ACHIEVE THE SEQUENCE OF OPERATIONS. SEE SPECIFICATIONS FOR CONTROL SYSTEM DEVICE REQUIREMENTS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- 7. THE CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING DURING PERIOD OF CONSTRUCTION. VERIFY ALL POSSIBLE SCHEDULING CONFLICTS WITH THE OWNER'S REPRESENTATIVE.
- REVIEWING THE COMPLETE SET OF PLANS FOR WORK PERTAINING TO HIS DISCIPLINE.
- 9. THE ELECTRICAL SYSTEM DESIGN IS BASED IN PART ON THE SPECIFIED HVAC EQUIPMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE ELECTRICAL REQUIREMENTS OF THE HVAC EQUIPMENT BEING FURNISHED. ANY CHANGES TO THE ELECTRICAL SYSTEM DUE TO HVAC EQUIPMENT OTHER THAN THE SPECIFIED EQUIPMENT BEING FURNISHED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- 10. ALL HVAC EQUIPMENT LOCATED ON THE ROOF TO BE INSTALLED A MINIMUM OF 10'-0" FROM THE EDGE OF THE ROOF.

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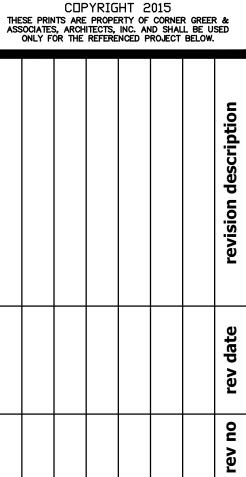


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DATE: 11/12/15 ENGINEER: CHRISTOPHER DUNCAN PE-2005021661

CA: MO# E-2014013301

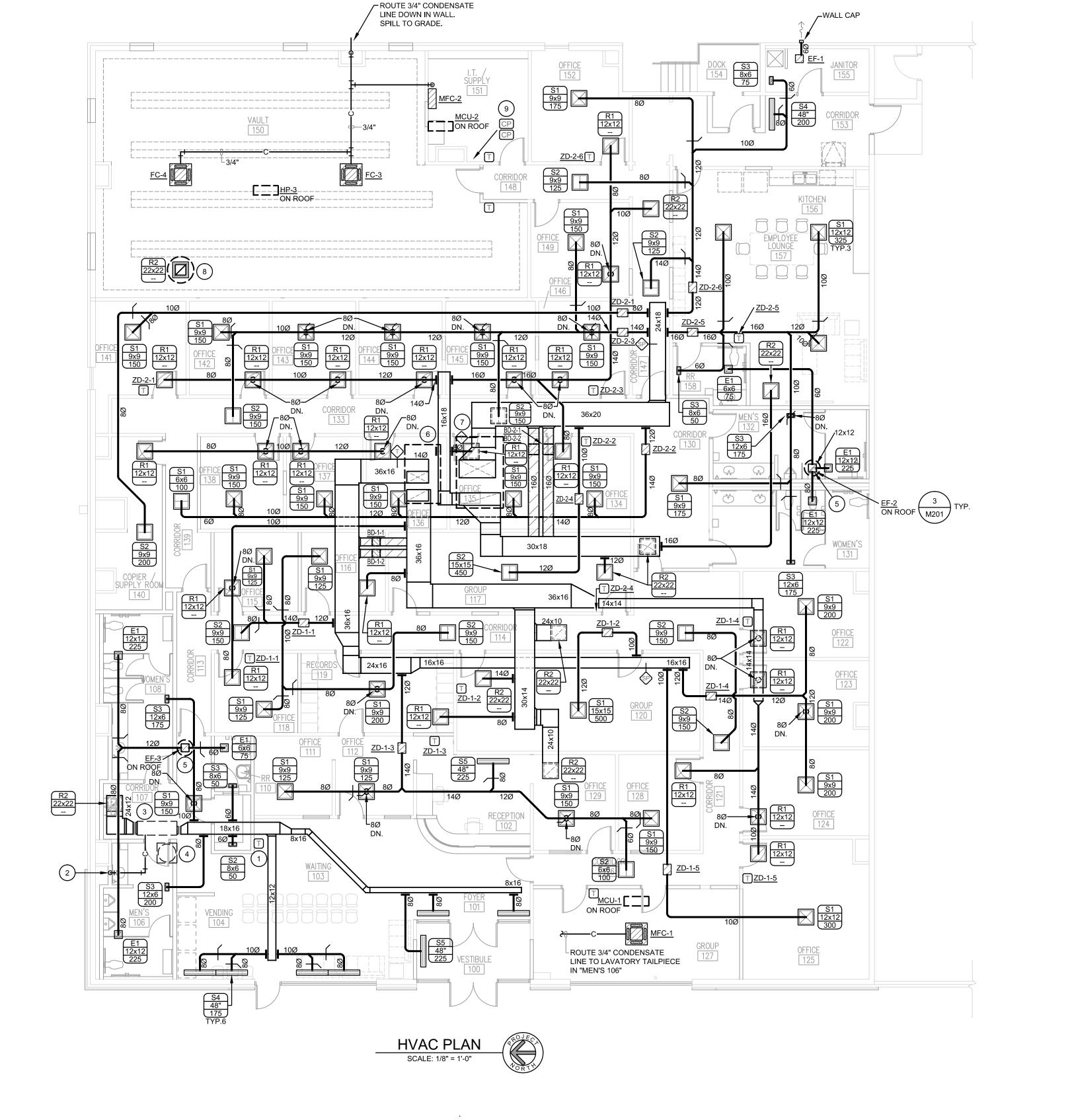


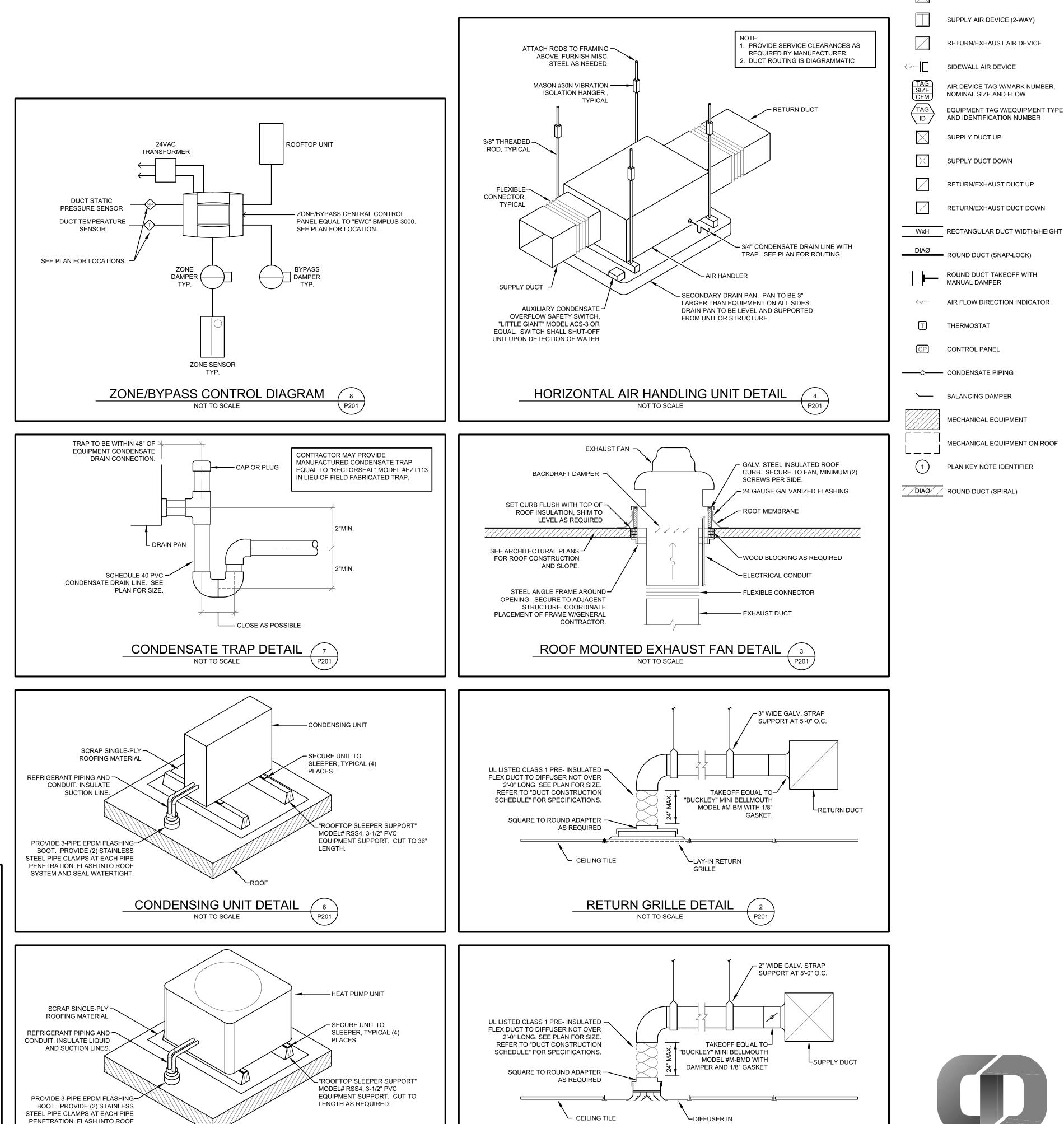
■ ISSUE DATE ■

November 12, 2015

HVAC PLAN

M101





LAY-IN PANEL

SUPPLY DIFFUSER DETAIL

NOT TO SCALE

<u>HP-3</u>

ф—3/8" LIQ.

5/8" GAS

_ _ _ _ _ _ _ _

CONTROL & PIPING DIAGRAM

NOT TO SCALE

¦└----

−3/8" LIQ.

5/8" GAS

FC-3

CONTROL WIRING, TYP

−3/8" LIQ. 5/8" GAS

—CMY-Y62-G-Е

MODEL #PAR-U01MEDU-J.

SYSTEM AND SEAL WATERTIGHT.

HEAT PUMP UNIT DETAIL

NOT TO SCALE

architecture planning design Corner Greer & Associates, Inc. 716 S. Main Street Joplin, MO 64801

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RAY DUNCAN NUMBER NUMBER PE-2005021661

DATE: 11/12/15 ENGINEER: CHRISTOPHER DUNCAN PE-2005021661 CA: MO# E-2014013301

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——C—— CONDENSATE PIPING

THERMOSTAT

CONTROL PANEL

HVAC LEGEND

SUPPLY AIR DEVICE (4-WAY)

SUPPLY AIR DEVICE (2-WAY)

RETURN/EXHAUST AIR DEVICE

AIR DEVICE TAG W/MARK NUMBER,

EQUIPMENT TAG W/EQUIPMENT TYPE AND IDENTIFICATION NUMBER

SIDEWALL AIR DEVICE

SUPPLY DUCT UP

SUPPLY DUCT DOWN

RETURN/EXHAUST DUCT UP

RETURN/EXHAUST DUCT DOWN

ROUND DUCT TAKEOFF WITH

MANUAL DAMPER

NOMINAL SIZE AND FLOW

BALANCING DAMPER MECHANICAL EQUIPMENT

MECHANICAL EQUIPMENT ON ROOF

PLAN KEY NOTE IDENTIFIER

DIAØ ROUND DUCT (SPIRAL)

ISSUE DATE

November 12, 2015

HVAC DETAILS

SHEET NO.

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MISSOURI COA: E-2014013301

M201

	ZONE & BYPA	SS DA	MPER SCHEDULE						
MARK	DESCRIPTION	MFR.	MODEL#	SIZE	ACCESSORIES				
ZD-1-1	ZONE DAMPER	TRANE	VADA	12	ZS				
ZD-1-2	ZONE DAMPER	TRANE	VADA	10	ZS				
ZD-1-3	ZONE DAMPER	TRANE	VADA	12	ZS				
ZD-1-4	ZONE DAMPER	TRANE	VADA	12	ZS				
ZD-1-5	ZONE DAMPER	TRANE	VADA	8	ZS				
ZD-2-1	ZONE DAMPER	TRANE	VADA	8	ZS				
ZD-2-2	ZONE DAMPER	TRANE	VADA	12	ZS				
ZD-2-3	ZONE DAMPER	TRANE	VADA	14	ZS				
ZD-2-4	ZONE DAMPER	TRANE	VADA	10	ZS				
ZD-2-5	ZONE DAMPER	TRANE	VADA	16	ZS				
ZD-2-6	ZONE DAMPER	TRANE	VADA	12	ZS				
BD-1-1	BYPASS DAMPER	TRANE	VADA	12					
BD-1-2	BYPASS DAMPER	TRANE	VADA	12					
BD-2-1	BYPASS DAMPER	TRANE	VADA	16					
BD-2-2	BYPASS DAMPER	TRANE	VADA	16					
ENERAL NOTE POWER S CONTROL	— UPPLY - 24VAC FROM CEN	TRAL	ABBREVIATIONS ZS: ZONE SEN	-	D DISPLAY				

	VRF SYSTEM INDOOR UNIT SCHEDULE														
	MFR.	TYPE		CAPACITY (NOMINAL)		SUPPLY FAN			OUTSIDE	ELECTRICAL		=			
MARK			MODEL#	COOLING (BTU/H)	HEATING (BTU/H)	AIRFLOW (CFM)	ESP (IN. WC.)	HP	AIRFLOW (CFM)	VOLTS/ PHASE	MCA	МОСР	ACCESSORIES	REMARKS	
FC-3	MITSUBISHI	CEILING CASSETTE	PLFY-P24NBMU-ER2	24,000	27,000	706	1	ı		208/1	0.64	15	SP	1,2	1
FC-4	MITSUBISHI CEILING CASSETTE PLFY-P24NBMU-ER2 24,000 27,000 706 208/1 0.64 15 SP,TS 1,2								1,2						
GENERAL NOT	TES					ABBREVIA ⁻	TIONS								. —
1. APPROVED MANUFACTURER/BRAND NAME: MITSUBISHI, DAIKIN, LG 2. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), TS: 7-DAY PROGRAMMABLE THERMOSTAT WITH CLEAR TAMI										MPER RE	SISTANT	COVER.			

3	3. NOMINAL HEATI 43°F.	NG CAPACITIES ARE	BASED ON INI	DOOR COIL EAT O	F 70°F, OUTDO	OOR OF		DISCHARGE A	TERN MMON THERM	10STAT		
			_			FAN	SCHEE	DULE				
					AIDELOW/	ECD	DDM		 MOTOD		WEIGHT	

	FAN SCHEDULE												
MARK	DESCRIPTION	MFR.	MODEL#	AIRFLOW (CFM)	ESP (IN. WC.)	RPM (MAX)	SONES	DRIVE TYPE	MOTOR HP/(W)	ELEC. (V/PH)	WEIGHT (LB.)	ACCESSORIES	REMARKS
EF-1	CEILING MOUNTED EXHAUST FAN	COOK	GC-148	130	0.25	1,000	2.5	DIRECT	(54)	120/1		AI,BD,DS,VK	
EF-2	ROOF MTD. EXHAUST FAN	COOK	ACEB-100	525	0.35	1,289	6.8	BELT	0.167	120/1	30	BD,DS,RC SC	
EF-3	EF-3 ROOF MTD. EXHAUST COOK ACEB-100 525 0.35 1,289 6.8 BELT 0.167 120/1 30 BD,DS,RC SC												
GENERAL NO	TES						•		ABBREVIA [*]	TIONS			

<u>GEN</u>	NERAL NOTES
1.	APPROVED MANUFACTURERS: COOK, GREENHECK, ACME, CARNES SEE SPECIFICATIONS

OUTDOOR OF 95°F.

	VDDDE/\IV	TIONIC				ı
ELT	0.167	120/1	30	BD,DS,RC SC		
ELT	0.167	120/1	30	BD,DS,RC SC		F
RECT	(54)	120/1		AI,BD,DS,VK		l

AI:	ALUMINUM INTAKE GRILLE
BD:	BACKDRAFT DAMPER
DS:	FACTORY INSTALLED DISCONNECT SWITCH
SC:	SOLID STATE SPEED CONTROLLER
RC:	14" INSULATED ROOF CURB.

VK: VIBRATION ISOLATION KIT

		AIR DEVICE SCHEDULE										
MARK	DESCRIPTION	MFR.	MODEL#	FUNCTION	MOUNTING	DAMPER	MATERIAL	FINISH	REMARKS			
S1	LOUVERED RECT. DIFFUSER-SQUARE NECK	KRUEGER	5SH	SUPPLY	LAY-IN	YES	ALUMINUM	WHITE				
S2	LOUVERED RECT. DIFFUSER-SQUARE NECK	KRUEGER	5SH	SUPPLY	LAY-IN	YES	ALUMINUM	WHITE	1			
S3	DOUBLE DEFLECTION GRILLE	KRUEGER	5885	SUPPLY	SURFACE	YES	ALUMINUM	WHITE	2,4			
S4	LINEAR SLOT DIFFUSER	KRUEGER	1900	SUPPLY	SURFACE	NO	ALUMINUM	WHITE	3			
S 5	LINEAR SLOT DIFFUSER	KRUEGER	1900	SUPPLY	SURFACE	NO	ALUMINUM	WHITE	5			
R1	PERFORATED GRILLE-SQUARE NECK	KRUEGER	6490	RETURN	LAY-IN	NO	STEEL	WHITE				
E1	FIXED LOUVERED GRILLE	KRUEGER	S585	EXHAUST	SURFACE	YES	ALUMINUM	WHITE	4,6,7			

<u>GE</u>	<u>NERAL NOTES</u>	
1.	APPROVED MANUFACTU	ı

- JRERS: SEE SPECIFICATIONS PROVIDE SQUARE TO ROUND ADAPTERS AS REQUIRED.
- LAY-IN DIFFUSER NECK SIZES SHALL BE AS SHOWN ON THE PLANS. DIFFUSER PANEL SIZE SHALL BE 24x24.
- LAY-IN DIFFUSER THROWS ARE TO BE AS SHOWN ON THE PLANS. REFER TO THE HVAC LEGEND FOR DIFFUSER THROW DESIGNATIONS. DAMPERS SHALL BE THE OPPOSED BLADE TYPE.
- GRILLE/DIFFUSER DAMPERS ARE INTENDED FOR USE BY THE TENANT AND ARE NOT TO BE USED FOR INITIAL BALANCING.
- PLENUM. 1/2" BLADE SPACING . (2) 1" SLOTS, SET BLADES FOR HORIZONTAL

(2) 1" SLOTS, SET BLADE FOR VERTICAL THROW

INTERIOR SLOT. PROVIDE WITH INSULATED

NEXT TO WALL HORIZONTAL THROW ON

2-WAY THROW PATTERN

. VERTICAL FRONT BLADES

THROW. PROVIDE WITH INSULATED PLENUM. . HORIZONTAL FRONT BLADES . 35° BLADE DEFLECTION

	VRF SYSTEM OUTDOOR UNIT SCHEDULE								
				CAPACITY	(NOMINAL)	ELE	CTRICAL	-	
MARK	MFR.	TYPE	MODEL#	COOLING (BTU/H)	HEATING (BTU/H)	VOLTS/ PHASE	MCA	МОСР	ACCESSORIES
HP-3	MITSUBISHI	HEAT PUMP	PUMY-P48NHMUR4	48,000	54,000	208/1	26	40	WB,MB
GENERAL NOT	Γ <u>ES</u>				<u>ABBREVIA</u>	TIONS			

GENERAL NOTES APPROVED MANUFACTURER/BRAND NAME: MITSUBISHI, DAIKIN, LG

- NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F
- (DB/WB), OUTDOOR OF 95°F. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F,
- OUTDOOR OF 43°F. UNIT EFFICIENCY SHALL BE COOLING: EER-9.6, HEATING: COP@47°F-2.96

WB: WIND BAFFLE MB: MOUNTING BASE

	MINI-SPLIT SYSTEM SCHEDULE									
			NOMINAL	ELE						
MARK	MFR.	MODEL # / (WEIGHT)	CLG/HTG CAPACITY (BTU/H)	VOLTS/ PHASE	MCA	МОСР	ACCESSORIES			
MFC-1 (AHU)	MITSUBISHI	INDR:MSZ-GE18NA WALL MOUNTED / (22 lbs		208/1	14	15	CP.TS			
MCU-1 (HP UNIT)	MITSOBISHI	OTDR:MUZ-GE18NA (119 lbs)	13,400	208/1	14	15	CP,15			
MFC-2 (FAN COIL)	MITOLIDIOLII	INDR:PKA-A12HA WALL MOUNTED / (29 lbs)	40.000	000/4		15				
MCU-2 (COND UNIT)	MITSUBISHI	OTDR:PUY-A12NHA3 (90 lbs)	12,000	208/1	13		CP,TS			

	-			
GE	NERAL NOT	<u>ES</u>		
1.	APPROVED	MANUFACTL	JRERS: MITSUBISHI, SANYO	3 C

- UNIT SHALL BE RATED IN ACCORDANCE WITH AHRI SIZE REFRIGERANT PIPING PER MANUFACTURER'S
- ARMAFLEX. INDOOR UNIT POWERED FROM CIRCUIT SERVING OUTDOOR UNIT.

RECOMMENDATIONS. INSULATE SUCTION LINES WITH 1/2"

RESERVOIR SENSOR AND ALARM WHICH SHUTS OFF A/C IN FAULT MODE PUMP TO BE POWERED FROM UNIT CIRCUIT PUMP TO BE CONCEALED INSIDE UNIT OR ABOVE CEILING.

WIRED WALL MOUNT CONTROLLER

	DUC	DUCT CONSTRUCTION SCHEDULE									
	RECT/	RECTANGULAR DUCT CONSTRUCTION MINIMUM METAL GAUGES									
	MAXIMUM SIDE	GALVANIZED STEEL	PERIMETER HALF	HANGER STRA							
1	THROUGH 12"	26 GAUGE	P/2 = 30"	1"x22 GAUGE							

13" THROUGH 30" 1x18 GAUGE 24 GAUGE P/2 = 72"22 GAUGE 1"x16 GAUGE 31" THROUGH 54" P/2 = 96"ROUND DUCT CONSTRUCTION MINIMUM METAL GAUGES DIAMETER FITTINGS HANGER STRAP SEAM

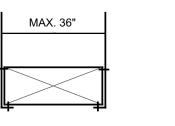
28 GAUGE

26 GAUGE

DUCT HANGER CONSTRUCTION AND SPACING REQUIREMENTS

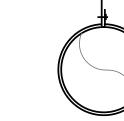
OVER 36"

HANGER STRAPS FASTEN TO STRUCTURE MAXIMUM 10' CENTERS



THROUGH 12"

13" THROUGH 30"



1"X22 GAUGE

1"X18 GAUGE

architecture planninc

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ENGINEER: CHRISTOPHER DUNCAN

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26 GAUGE

24 GAUGE

26 GAUGE

24 GAUGE

RECTANGULAR DUCTWORK SUPPLY & OUTDOOR AIR: WRAP DUCTWORK WITH 1.5" THICK, 0.75 LB/CU FT DENSITY DUCT

WRAP (R=5.1) EQUAL TO OWENS CORNING "SOFTR" DUCT WRAP.

RETURN: NO INSULATION IS REQUIRED UNLESS OTHERWISE NOTED

ROUND DUCTWORK

SUPPLY & OUTDOOR AIR: WRAP DUCTWORK WITH 1.5" THICK, 0.75 LB/CU FT DENSITY DUCT WRAP (R=5.1) EQUAL TO OWENS CORNING "SOFTR" DUCT WRAP. FLEXIBLE DUCT SHALL HAVE AN EQUAL OR GREATER R-VALUE.

DUCT SHALL BE SNAPLOCK PIPE. NO INSULATION IS REQUIRED. RETURN:

DUCT SHALL BE DOUBLE-WALL SPIRAL DUCT WITH 1" OF FIBERGLASS INSULATION AND A PERFORATED METAL LINER

GENERAL REQUIREMENTS

- CONSTRUCTION: ALL DUCTWORK AND HANGERS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. DUCT DIMENSIONS SHOWN ON THE PLANS ARE THE INSIDE CLEAR DIMENSIONS. UNLESS INDICATED OTHERWISE ALL DUCTWORK SHALL BE GALVANIZED STEEL.
- SEALANT: ALL DUCT JOINTS AND SEAMS SHALL BE SEALED WITH A WATER-BASED BRUSH ON DUCT SEALER EQUAL TO UNITED MCGILL DUCT SEALER.
- 3. TAPE: TAPE SHALL BE UL LISTED ALUMINUM DUCT TAPE.
- FLEXIBLE DUCTWORK: DUCT SHALL BE UL LISTED CLASS 1 PRE-INSULATED FLEX DUCT. FLEXIBLE DUCTWORK SHALL BE CONSTRUCTED WITH AN ACOUSTICAL TRANSPARENT CPE FABRIC SUPPORTED BY A GALVANIZED STEEL MECHANICALLY LOCKED HELIX. WIRE HELIX TYPE CORE SUPPORT NOT ACCEPTABLE. INSULATION SHALL BE COVERED WITH A REINFORCED ALUMINUM PIGMENTED VAPOR BARRIER. FLEXIBLE DUCT TO BE "FLEXMASTER USA" TYPE 8M ONLY, OR SUBMIT A SAMPLE TO THE ENGINEER FOR AN ALTERNATE APPROVED EQUAL. FLEXIBLE DUCT SHALL BE USED FOR FINAL CONNECTION TO AIR DEVICE AND SHALL NOT EXCEED 6'-0" IN LENGTH.
- FITTINGS: INSTALL TURNING VANES IN ALL RECTANGULAR ELBOWS GREATER THAN 45°. ALL BRANCH DUCTS SHALL HAVE A 45° ENTRY AT THE MAIN TRUNK DUCT.
- TAKE-OFF FITTINGS: BRANCH DUCT TAKE-OFF FITTINGS SHALL BE MINIMUM 26 GAUGE GALVANIZED STEEL WITH FLANGE CONNECTOR AND ADHESIVE NEOPRENE GASKET. FLANGE SHALL BE PRE-DRILLED FOR SECURING TO DUCT WITH SCREWS. BRANCH DUCT TAKE-OFF FITTINGS FOR SUPPLY AND EXHAUST DIFFUSERS/REGISTERS SHALL INCLUDE AN INTEGRAL MANUAL VOLUME DAMPER W/LOCKING QUADRANT, DAMPER NOT REQUIRED ON RETURN AIR. TAKE-OFF FITTINGS TO BE "BUCKLEY" MODEL ATM & ATMD OR EQUAL. WHERE DUCT HEIGHT REQUIRES A RECTANGULAR TO ROUND TAKE-OFF, UTILIZE A "BUCKLEY" MODEL 3300 & 3300D
- EXHAUST DUCTWORK DOES NOT REQUIRE INSULATION.

SEQUENCE OF OPERATIONS

THERMOSTAT - OCCUPIED MODE
THE EVAPORATOR FAN AND BURNER(S)/COMPRESSOR(S) SHALL CYCLE AS REQUIRED TO MAINTAIN SPACE TEMPERATURE. PROVIDE CLEAR TAMPER RESISTANT COVER ON ALL THERMOSTATS IN

 $\underline{\text{ZONE DAMPER}}\\ \text{THE SPACE TEMPERATURE SENSOR SHALL, THROUGH THE SYSTEM CONTROLLER, MODULATE THE}\\$ ZONE DAMPER BETWEEN ADJUSTABLE MINIMUM AND MAXIMUM CFM SETPOINTS TO MAINTAIN COOLING AND HEATING SETPOINTS.

BYPASS DAMPER
THE SYSTEM CONTROLLER SHALL MODULATE THE BYPASS DAMPER TO MAINTAIN A SPECIFIC PRESSURE SETPOINT, AS RECOMMENDED BY THE MANUFACTURER, IN THE SUPPLY AIR DUCT.

CHANGEOVER BETWEEN HEATING AND COOLING SHALL BE AUTOMATIC IN THE OCCUPIED AND

- OCCUPANCY SCHEDULE AND NIGHT SETBACK TEMPERATURES. 3. THE NIGHT SETBACK TEMPERATURE SHALL NOT VARY FROM THE OCCUPIED SETPOINT BY
- 4. WHEN EQUIPPED THE UNIT SHALL SHUT DOWN IF THE DUCT SMOKE DETECTOR SENSES SMOKE

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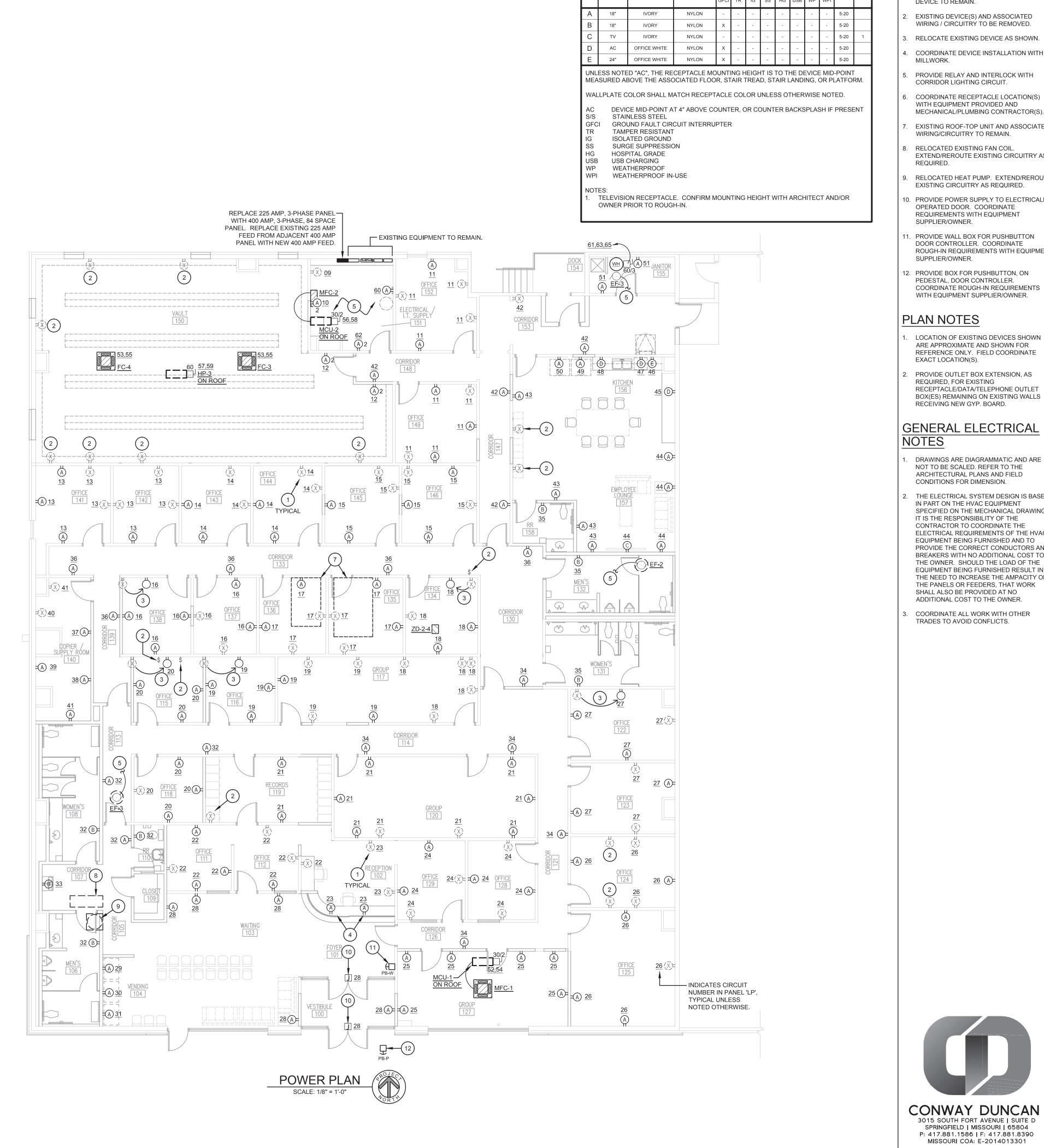
HVAC

SHEET NO. ■

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UNOCCUPIED MODES. 2. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR INITIAL PROGRAMMING OF THE MORE THAN 10°F (ADJUSTABLE). IN THE RETURN AIR DUCT. BBREVIATIONS P: CONDENSATE PUMP EQUAL TO "BLUE DIAMOND PUMPS "MAXIBLUE" WITH



RECEPTACLE SCHEDULE

WALLPLATE

COLOR

INDICATED BY SYMBOLS 1, 2, ETC. DASHED SYMBOL INDICATES EXISTING

- DEVICE TO REMAIN. EXISTING DEVICE(S) AND ASSOCIATED
- WIRING / CIRCUITRY TO BE REMOVED.
- RELOCATE EXISTING DEVICE AS SHOWN.
- COORDINATE DEVICE INSTALLATION WITH
- PROVIDE RELAY AND INTERLOCK WITH CORRIDOR LIGHTING CIRCUIT.
- COORDINATE RECEPTACLE LOCATION(S) WITH EQUIPMENT PROVIDED AND MECHANICAL/PLUMBING CONTRACTOR(S).
- EXISTING ROOF-TOP UNIT AND ASSOCIATED
- WIRING/CIRCUITRY TO REMAIN.
- RELOCATED EXISTING FAN COIL. EXTEND/REROUTE EXISTING CIRCUITRY AS
- RELOCATED HEAT PUMP. EXTEND/REROUTE EXISTING CIRCUITRY AS REQUIRED.
- . PROVIDE POWER SUPPLY TO ELECTRICALL OPERATED DOOR. COORDINATE

REQUIREMENTS WITH EQUIPMENT

- SUPPLIER/OWNER. PROVIDE WALL BOX FOR PUSHBUTTON DOOR CONTROLLER. COORDINATE ROUGH-IN REQUIREMENTS WITH EQUIPMENT
- . PROVIDE BOX FOR PUSHBUTTON, ON PEDESTAL, DOOR CONTROLLER. COORDINATE ROUGH-IN REQUIREMENTS WITH EQUIPMENT SUPPLIER/OWNER.

PLAN NOTES

SUPPLIER/OWNER.

- LOCATION OF EXISTING DEVICES SHOWN ARE APPROXIMATE AND SHOWN FOR REFERENCE ONLY. FIELD COORDINATE EXACT LOCATION(S).
- PROVIDE OUTLET BOX EXTENSION, AS REQUIRED, FOR EXISTING RECEPTACLE/DATA/TELEPHONE OUTLET BOX(ES) REMAINING ON EXISTING WALLS RECEIVING NEW GYP. BOARD.

GENERAL ELECTRICAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. REFER TO THE ARCHITECTURAL PLANS AND FIELD CONDITIONS FOR DIMENSION.
- THE ELECTRICAL SYSTEM DESIGN IS BASED IN PART ON THE HVAC EQUIPMENT SPECIFIED ON THE MECHANICAL DRAWINGS IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE ELECTRICAL REQUIREMENTS OF THE HVAC EQUIPMENT BEING FURNISHED AND TO PROVIDE THE CORRECT CONDUCTORS AND BREAKERS WITH NO ADDITIONAL COST TO THE OWNER. SHOULD THE LOAD OF THE EQUIPMENT BEING FURNISHED RESULT IN THE NEED TO INCREASE THE AMPACITY OF THE PANELS OR FEEDERS, THAT WORK SHALL ALSO BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS.



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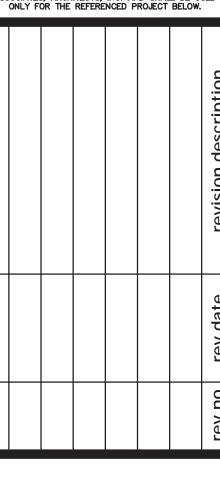
architecture planning design Corner Greer & Associates, Inc. 716 S. Main Street

> CONWAY NUMBER PE-28270

DATE: 11/12/15 ENGINEER: KEVIN CONWAY PE-28270

CA: MO# E-2014013301

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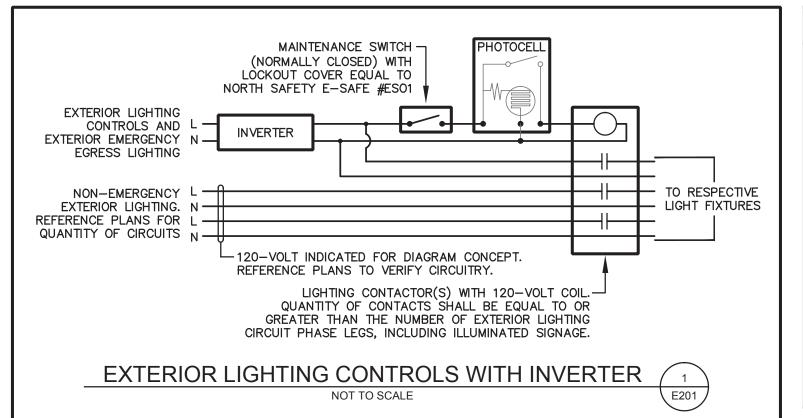


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POWER PLAN

E101



			LIC	SHT FIXTURE SO	CHED	ULE			
MARK	MANUFACTURER	CATALOG NUMBER	FINISH	MOUNTING	TYPE	LAMPS	REMARKS	APPROVED MFR'S	
А	WILLIAMS	LT-24-L73/840-AF-EQCLIPS-DRV-120	WHITE	LAY-IN W/CLIPS	LED	BY MANUFACTURER	-	COLUMBIA, EATON, HUBBELL, ACUITY,	
В	WILLIAMS	LT-24-L43/840-AF-EQCLIPS-DRV-120	WHITE	LAY-IN W/CLIPS	LED	BY MANUFACTURER	-	WILLIAMS, PHILLIPS, ELITE	
B1	WILLIAMS	LT-24-L43/840-AF-SMK-W-DRV-120	WHITE	SURFACE	LED	BY MANUFACTURER	SURFACE MOUNT KIT	NOTES	
С	WILLIAMS	17-4-L55/835-A-DRV-120	WHITE	SURFACE	LED	BY MANUFACTURER	-		
CF	ELLINGTON	UTILITY 56" #UT56WW3M	WHITE	SURFACE	N/A	N/A	CEILING FAN	ALTERNATES SHALL BE SUBMITTED TO ARCHITECT/ OWNER FOR APPROVAL.	
D	LITHONIA	LDN6-35/15-L06-WR-120	WHITE	RECESSED	LED	BY MANUFACTURER	-	DIMMING OF LED FIXTURE(S) - IF REQUIRED PER PLAN - WILL REQUIRE CONTROL	
D1	LITHONIA	LDN6-35/10-L06-WR-120	WHITE	RECESSED	LED	BY MANUFACTURER	-	CONDUCTORS NOT SHOWN ON PLAN. VERIFY REQUIREMENTS WITH FIXTURE	
Е	SHAPER	600-24-W-L3/835-120-XX	BY ARCH.	WALL ABOVE MIRROR	LED	BY MANUFACTURER	VANITY LIGHT	MANUFACTURER.	
F	DELRAY LIGHTING	6713-W-W35-C2RD-S	WHITE	SUSPEND, B.O.F. 7.5' A.F.F.	LED	BY MANUFACTURER	-	ADDDEVIATIONS	
G	HALO	SLD612-80-35-WH	WHITE	SURFACE	LED	BY MANUFACTURER	-	ABBREVIATIONS	
Н	WILLIAMS	1SF-L12/840-AF12125-WRS/120-DRV-120	WHITE	SURFACE UNDER CABINET	LED	BY MANUFACTURER	-	A.F.F. ABOVE FINISHED FLOOR A.D.F. ABOVE DOOR/WINDOW FRAME T.O.F. TOP OF FIXTURE C.O.F. CENTER OF FIXTURE B.O.F. BOTTOM OF FIXTURE	
EM	WILLIAMS	EMER/LED-WHT	WHITE	WALL 8' A.F.F.	LED	BY MANUFACTURER	EMERGENCY LIGHT		
Х	WILLIAMS	EXIT-R-EM-WHT	WHITE/RED	SURFACE/WALL A.D.F.	LED	BY MANUFACTURER	EXIT LIGHT		
XE	WILLIAMS	EXIT/EM/LED-SF-R-WHT	WHITE/RED	SURFACE/WALL A.D.F.	LED	BY MANUFACTURER	EXIT/EMERGENCY LIGHT		



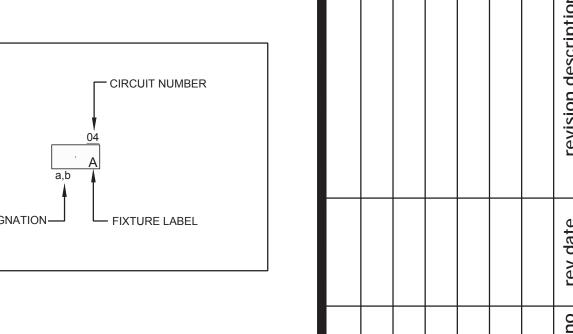
INDICATED BY SYMBOLS (1), (2), ETC.

- TO EMERGENCY LIGHTING INVERTER.
- 2. EMERGENCY LIGHTING INVERTER EQUAL TO 'IOTA' IIS-125-SM. SURFACE MOUNT HIGH ON WALL, COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. SEE DETAIL 1/E201.
- 3. LIGHTING CONTACTOR 'LC1', SEE DETAIL
- 4. PHOTOELECTRIC CONTROL MOUNTED 8'
 A.F.F. FIELD DETERMINE EXACT LOCATION.
- 5. CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO 'WATTSTOPPER' #DT-355 SERIES, PASSIVE INFRARED AND ULTRASONIC TECHNOLOGIES.

GENERAL NOTES

SEE DETAIL 1/E201.

- LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL <u>'LP'</u> UNLESS NOTED OTHERWISE ON PLAN.
- 2. LIGHT SWITCH/OCCUPANCY SENSOR SWITCH LOCATIONS SHALL BE CONFIRMED WITH ARCHITECT AND/OR OWNER PRIOR TO INSTALLATION.
- EXIT AND/OR EMERGENCY LIGHT FIXTURES SHALL BE CONNECTED TO 'HOT' UNSWITCHED LEG OF CIRCUIT SERVING NEAREST LIGHT FIXTURE.
- 4. LIGHT SWITCH(ES), WALL MOUNT OCCUPANCY SENSOR SWITCH(ES) AND/OR CEILING MOUNT OCCUPANCY SENSOR(S) ARE INTENDED TO CONTROL THE LIGHT FIXTURE(S) IN CORRESPONDING ROOM/AREA.



OZARK CENTER VIRGINIA CENTER

architecture planning

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ENGINEER: KEVIN CONWAY

CA: MD# E-2014013301

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LIGHTING PLAN

- ----

E201

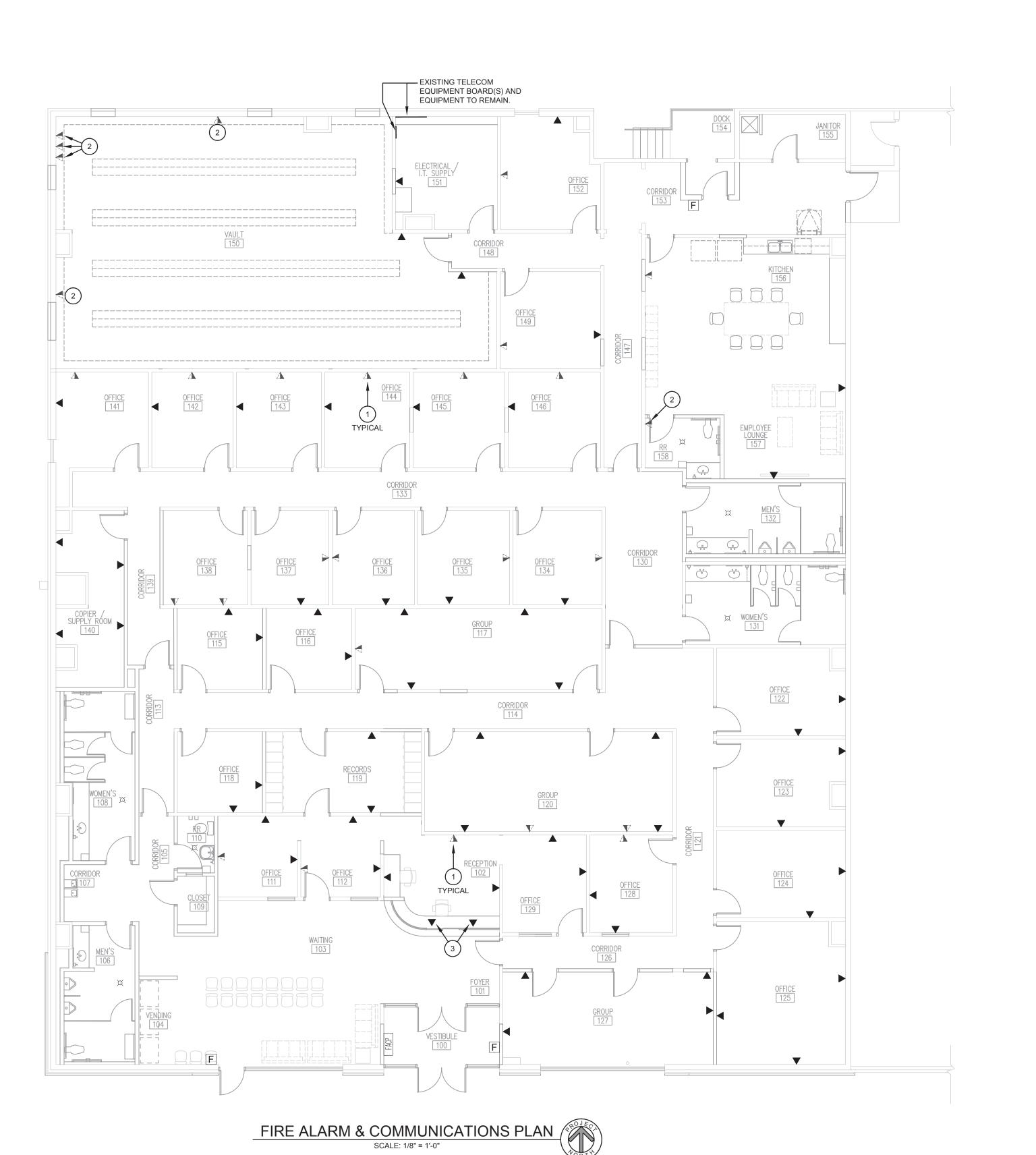
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- INDICATED BY SYMBOLS 1, 2, ETC.
- EXISTING DEVICE TO REMAIN UNLESS NOTED OTHERWISE.
- 2. EXISTING DEVICE AND ASSOCIATED WIRING / CIRCUITRY TO BE REMOVED.
- COORDINATE DEVICE INSTALLATION WITH MILLWORK.

GENERAL PLAN NOTES

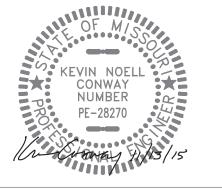
LOCATION OF EXISTING DEVICES SHOWN ARE APPROXIMATE AND SHOWN FOR REFERENCE ONLY. FIELD COORDINATE

EXACT LOCATION(S).

PROVIDE OUTLET BOX EXTENSION, AS REQUIRED, FOR EXISTING RECEPTACLE/DATA/TELEPHONE OUTLET BOX(ES) TO REMAIN.



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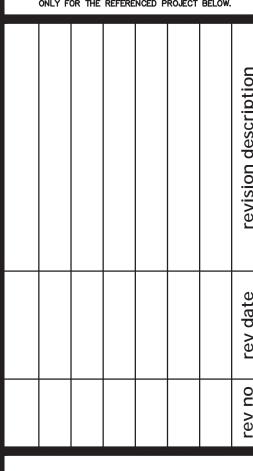


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FIRE ALARM & COMM. PLAN

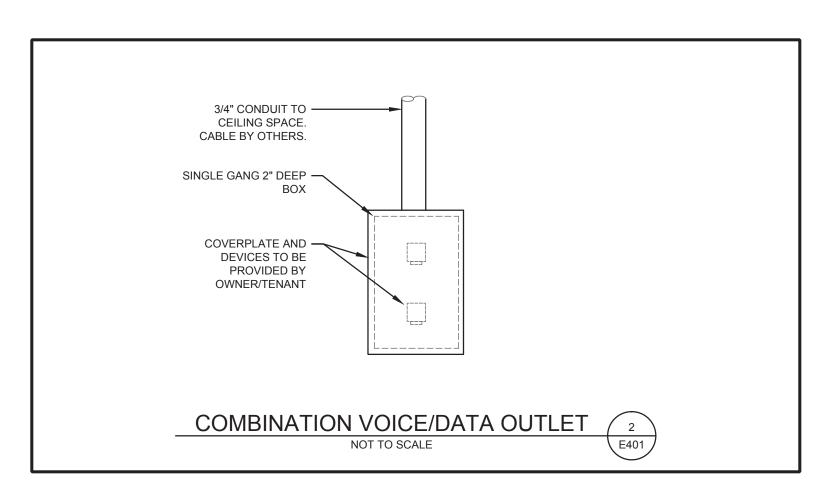
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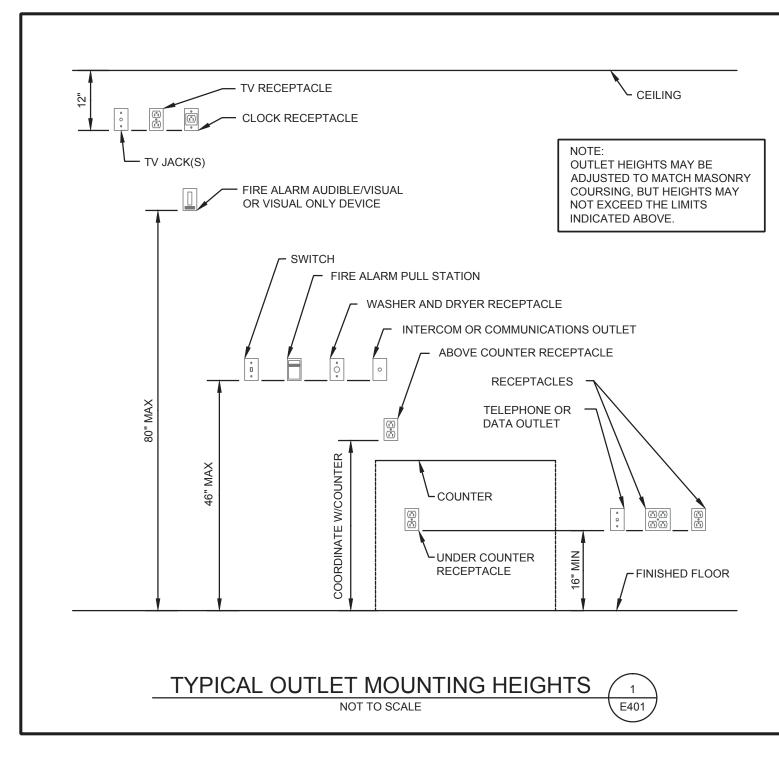
E301

(CONDUC	CTORS AND	CONDU	JIT SCH	EDULE	
OVERCURRENT PROTECTION DEVICE RATING	CONDUCTORS	EQUIPMENT GROUNDING CONDUCTOR	SINGLE PHASE 2-WIRE + GND. CONDUIT SIZE	SINGLE PHASE 3-WIRE + GND. CONDUIT SIZE	THREE PHASE 3-WIRE + GND. CONDUIT SIZE	THREE PHASE 4-WIRE + GND. CONDUIT SIZE
15 AMP	14 AWG	14 AWG	1/2"	1/2"	1/2"	1/2"
20 AMP	12 AWG	12 AWG	1/2"	1/2"	1/2"	1/2"
25 AMP	10 AWG	10 AWG	1/2"	1/2"	1/2"	1/2"
30 AMP	10 AWG	10 AWG	1/2"	1/2"	1/2"	1/2"
35 AMP	8 AWG	10 AWG	1/2"	3/4"	3/4"	3/4"
40 AMP	8 AWG	10 AWG	1/2"	3/4"	3/4"	3/4"
45 AMP	8 AWG	10 AWG	1/2"	3/4"	3/4"	3/4"
50 AMP	8 AWG	10 AWG	1/2"	3/4"	3/4"	3/4"
60 AMP	6 AWG	10 AWG	3/4"	3/4"	3/4"	1"
70 AMP	4 AWG	8 AWG	3/4"	1"	1"	1-1/4"
80 AMP	4 AWG	8 AWG	3/4"	1"	1"	1-1/4"
90 AMP	3 AWG	8 AWG	1"	1"	1"	1-1/4"
100 AMP	3 AWG	8 AWG	1"	1"	1"	1-1/4"
110 AMP	2 AWG	6 AWG	1"	1-1/4"	1-1/4"	1-1/4"
125 AMP	1 AWG	6 AWG	1-1/4"	1-1/4"	1-1/4"	1-1/2"
150 AMP	1/0 AWG	6 AWG	1-1/4"	1-1/2"	1-1/2"	1-1/2"
175 AMP	2/0 AWG	6 AWG	1-1/4"	1-1/2"	1-1/2"	2"
200 AMP	3/0 AWG	6 AWG	1-1/4"	2"	2"	2"
225 AMP	4/0 AWG	4 AWG	1-1/2"	2"	2"	2-1/2"
250 AMP	250 kcmil	4 AWG	2"	2"	2"	2-1/2"
300 AMP	350 kcmil	4 AWG	2"	2-1/2"	2-1/2"	2-1/2"
350 AMP	500 kcmil	3 AWG	2-1/2"	2-1/2"	2-1/2"	3"
400 AMP	600 kcmil	3 AWG	2-1/2"	3"	3"	3-1/2"

	CONDUCTOR SIZES BASED ON COPPER, TYPE THHN, WITH THREE (MAXIMUM) CURRENT-CARRYING CONDUCTORS IN MINIMUM
	SIZED EMT. CONDUIT SIZES SHALL BE INCREASED AT CONTRACTOR'S DISCRETION, OR FOR CONDUIT MATERIALS OTHER THAN
	EMT AS REQUIRED. CONDUCTORS SHALL BE DERATED IF FOUR OR MORE CURRENT-CARRYING CONDUCTORS ARE PLACED IN A
	RACEWAY OR CABLE. WHERE PLANS INDICATE UP-SIZED CONDUCTORS DUE TO VOLTAGE DROP, THE EQUIPMENT GROUNDING
١	CONDUCTOR SIZE SHALL BE INCREASED PROPORTIONATELY.

A00 AMP MAIN_LUGS (120/208_VOLTS			SQUARE D OK AIC MINIMUM	_ TYPE NO	. WIDTH <u>20</u>
DESCRIPTION	LOAD (VA)	BKR. SIZE	CIRC. NO.	CIRC. NO.	BKR. SIZE	LOAD (VA)	DESCRIPTION
EM. LIGHTING INVERTER	105	20A/1P	1	2	20A/1P	1062	LIGHTING
LIGHTING	1498	20A/1P	3	4	20A/1P	1442	LIGHTING
LIGHTING	1496	20A/1P	5	6	20A/1P	1643	LIGHTING
SPARE	-	20A/1P	7	8	20A/1P	-	SPARE
RECEPTACLE(S)-TELECOM EQUIP.	360	20A/1P	9	10	20A/1P	360	RECEPTACLE(S)-I.T.
RECEPTACLE(S)	1800	20A/1P	11	12	20A/1P	720	RECEPTACLE(S)
RECEPTACLE(S)	1620	20A/1P	13	14	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	1620	20A/1P	15	16	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	1440	20A/1P	17	18	20A/1P	1620	RECEPTACLE(S)
RECEPTACLE(S)	1620	20A/1P	19	20	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	1800	20A/1P	21	22	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	720	20A/1P	23	24	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	1080	20A/1P	25	26	20A/1P	1440	RECEPTACLE(S)
RECEPTACLE(S)	1440	20A/1P	27	28	20A/1P	900	RECEPTACLE(S)
VENDING	1500	20A/1P	29	30	20A/1P	1500	VENDING
VENDING	1500	20A/1P	31	32	20A/1P	1080	RECEPTACLE(S)
DRINKING FOUNTAIN	1200	20A/1P	33	34	20A/1P	900	RECEPTACLE(S)
RECEPTACLE(S)	540	20A/1P	35	36	20A/1P	900	RECEPTACLE(S)
RECEPTACLE(S)-COPY ROOM	1000	20A/1P	37	38	20A/1P	1000	RECEPTACLE(S)-COPY ROOM
RECEPTACLE(S)-COPY ROOM	1000	20A/1P	39	40	20A/1P	1000	RECEPTACLE(S)-COPY ROOM
RECEPTACLE(S)-COPY ROOM	1000	20A/1P	41	42	20A/1P	900	RECEPTACLE(S)
RECEPTACLE(S)-BREAK RM	720	20A/1P	43	44	20A/1P	720	RECEPTACLE(S)-BREAK RM
RECEPTACLE-BRK.RM. APPLIANCE	1500	20A/1P	45	46	20A/1P	1200	DISH WASHER
RECEPTACLE-BRK.RM. APPLIANCE	1500	20A/1P	47	48	20A/1P	1500	RECEPTACLE-BRK.RM. APPLIANO
RECEPTACLE-BRK.RM. APPLIANCE	1000	20A/1P	49	50	20A/1P	1000	RECEPTACLE-BRK.RM. APPLIAN
RECEPTACLE(S)	360	20A/1P	51	52	15A/2P	2912	MCU-1 & MFC-1
FC-3 & FC-4	267	15A/2P	53	54			
			55	56	15A/2P	2704	MCU-2 & MFC-2
HP-3	5408	40A/2P	57	58			
			59	60	20A/1P	180	CLEAN AGENT SYSTEM PANEL
WATER HEATER	4500	20A/3P	61	62	20A/1P	360	ZONE/BYPASS CONTROL PANEL
			63	64	-	-	-
			65	67	-	-	-
-	-	-	68	69	-	-	-
-	-	-	70	71	-	-	-
-	-	-	72	73	-	-	-
-	-	-	74	75	-	-	-
-	-	-	76	77	-	-	-
-	-	-	78	79	-	-	-
_	-	-	80	81	-	-	-
-	-	-	82	83	-	-	-
	-	-	84	85	-	-	





ELECTRICAL SYMBOLS LEGEND

SWITCHES

MOUNT AT 48" ABOVE FINISH FLOOR (AFF) UNLESS OTHERWISE NOTED. WHEN MOUNTED IN MASONRY, SWITCH MOUNTING HEIGHT SHALL ALIGN WITH MASONRY COURSING NEAREST TO 48" (MID-POINT) AFF, BUT SHALL NOT BE HIGHER THAN 48" (MID-POINT) AFF.

\$ SINGLE POLE SWITCH \$M MOTOR RATED SWITCH

\$3 THREE-WAY SWITCH \$4 FOUR-WAY SWITCH

OS WALL-BOX OCCUPANCY SENSOR SWITCH

RECEPTACLES

UNLESS IN FLOOR BOX, MOUNT AT HEIGHT SCHEDULED ABOVE FINISH FLOOR (AFF). WHEN MOUNTED IN MASONRY, RECEPTACLE MOUNTING HEIGHT SHALL ALIGN WITH MASONRY COURSING NEAREST TO SCHEDULED HEIGHT, BUT SHALL NOT BE LOWER THAN 16" (MID-POINT) AFF.

A RECEPTACLE-REFER TO RECEPTACLE SCHEDULE

(A)2 QUADRUPLEX RECEPTACLE-REFER TO RECEPTACLE SCHEDULE

EXISTING RECEPTACLE

EQUIPMENT

ARTICLE 110 OF THE NATIONAL ELECTRICAL CODE.

INSTALL EQUIPMENT TO COMPLY WITH WORKING SPACE REQUIREMENTS LISTED IN

LOAD CENTER, PANELBOARD, SWITCHBOARD, OR MOTOR CONTROL CENTER

☐ xx/xx DISCONNECT SWITCH WITH AMPACITY AND NUMBER OF POLES INDICATED PB-W WALL MOUNT PUSHBUTTON FOR

J JUNCTION BOX DOOR OPERATOR D. DIRECT CONNECTION

© EF EXHAUST FAN MOTOR

PB-P PEDESTAL MOUNT PUSHBUTTON FOR DOOR OPERATOR

COMMUNICATION OUTLET ROUGH-IN UNLESS IN FLOORBOX OR OTHERWISE NOTED, MOUNT AT 18" ABOVE FINISH FLOOR (AFF: WHEN MOUNTED IN MASONRY, OUTLET MOUNTING HEIGHT SHALL ALIGN WITH MASONRY COURSING NEAREST TO SCHEDULED HEIGHT, BUT SHALL NOT BE LOWER THAN 16"

PROVIDE A 4" SQUARE JUNCTION BOX AND 3/4" CONDUIT WITH DE-BURRED ENDS, INCLUDING 90° SWEEP, INTO ACCESSIBLE CEILING SPACE. FOR SINGLE-GANG OUTLETS IN FRAMED WALLS, PROVIDE A SINGLE-GANG PLASTER RING.

▼ NEW COMBINATION TELEPHONE/DATA OUTLET-SINGLE GANG OUTLET BOX

 ${
m V}^{\prime}$ EXISTING TELEPHONE/DATA OUTLET

FIRE ALARM

OMPLY WITH REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FOR CEILING-MOUNTING AND/OR WALL-MOUNTING HEIGHTS OF FIRE ALARM DEVICES.

S SMOKE DETECTOR

-- CEILING-MOUNTED STROBE H HEAT DETECTOR TS TAMPER SWITCH

EX WALL-MOUNTED HORN/SPEAKER WITH STROBE

FACP FIRE ALARM CONTROL PANEL

architecture planning design

Corner Greer & Associates, Inc. 716 S. Main Street Joplin, MO 64801 o.417.206.3134 f.417.206.3137



DATE: 11/12/15 ENGINEER: KEVIN CONWAY PE-28270

CA: MD# E-2014013301

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ELECTRICAL SCHEDULES & DETAILS

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