

GENERAL NOTES:

- SEE ALL PLAN DRAWINGS (D SERIES) FOR DIMENSIONS, LOCATION ISSUES, ENLARGED PLANS, ELEVATION TARGETS, DETAIL TARGETS, ETC.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION FOR ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION.
- ALL WORK SHALL CONFORM TO THE APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS.
- NO SUBSTITUTIONS FOR ITEMS SPECIFIED WILL BE ACCEPTED WITHOUT PRIOR WRITTEN ACCEPTANCE FROM THE ARCHITECT, DESIGNER AND OWNER.
- THE CONTRACTOR SHALL PROTECT EXISTING WORK AND OTHER NEW WORK BY OTHER CONTRACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING WORK OR WORK BY OTHERS INCURRED WHILE FULFILLING THE OBLIGATIONS OF THE CONTRACT.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL VERIFY ALL NEW CONDITIONS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND DESIGNER OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF ALL NEW OR EXISTING CONDITIONS.
- WHERE DESIGN INTENT CANNOT BE DETERMINED FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT AND DESIGNER PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.
- SUBMITTALS OF ALL FINISH MATERIALS REQUIRED TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING OR INSTALLING TO INSURE ACCURACY OF SPECIFIED PRODUCT WITH INSTALLED MATERIAL.
- LEAD TIMES FOR ALL SPECIFIED MATERIALS VARY. PURCHASING CONTRACTOR AND/OR SUPPLIER ASSUMES RESPONSIBILITY FOR VERIFYING LEAD TIME WITH MANUFACTURER AND ORDERING MATERIAL IN ACCORDANCE WITH PROJECT SCHEDULE AND COMPLETION DATE.

GENERAL NOTES (21)

FINISH SPECIFICATIONS:

- IN ALL AREAS WHERE LVT, CARPET, AND VCT PRODUCTS ARE INSTALLED PROVIDE 4" RUBBER COVE BASE.
- IN ALL AREAS WHERE RUBBER SPORTS FLOORING PRODUCTS RF-1 ARE INSTALLED PROVIDE 6" RUBBER COVE BASE.
- ADD SCHLUTER METAL EDGE TRANSITION STRIP WHERE CERAMIC TILE MEETS LVT-1 IN LOUNGE 138.
- ADD SCHLUTER METAL EDGE TRANSITION STRIP WHERE LVT-1 MEETS CPT-2 IN LOBBY 132, CORRIDOR 150 & LOUNGE 138.
- IN ALL AREAS WHERE NEW LVT-1 FLOORING MEETS EXISTING FLOORING AT DOOR THRESHOLDS PROVIDE APPROPRIATE RUBBER TRANSITION STRIPS TO MATCH RB-1.
- IN TOILET ROOM 146 PROVIDE CERAMIC TILE ON ALL WALLS FROM FLOOR TO 48" AFF. PROVIDE COVE BASE TO MATCH WALL TILE CT-4. WHERE CERAMIC TILE MEETS MIRROR CONTRACTOR PROVIDE A CERAMIC TILE BORDER AROUND FRAME OF MIRROR SO THAT NO GAPS ARE VISIBLE BEHIND MIRROR WHERE MIRROR HALF FITS ON CERAMIC TILE AND DRYWALL WALL.
- EXISTING THRESHOLDS IN GYM TO BE REMOVED AND REINSTALLED BY FLOORING CONTRACTOR.
- IN WARMING KITCHEN 140, PATCH FLOOR AND ADD NEW VCT TO MATCH EXISTING VCT WHERE DEMO OCCURS.
- IN OPEN OFFICE 135, CONFERENCE 139, AND CONTROL 136, CARPET TO BE FURNISHED AND INSTALLED BY OWNER.
- ALL CERAMIC TILE SHALL BE LAYED FROM CENTER MARKS ESTABLISHED WITH PRINCIPAL WALLS, SO THAT TILES AT OPPOSITE EDGES ARE EQUAL IN WIDTH UNLESS DIMENSIONED OTHERWISE ON INTERIOR PLANS AND ELEVATIONS.
- USE EPOXY GROUT FOR USE WITH FLOOR OR WALL TILE APPLICATION. SEE ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION ON GROUT.
- WHERE FLOORING BREAKS AT A DOOR OR A CASE OPENING, THE SEAM IS TO ALIGN WITH THE INTERIOR FACE OF THE CASED OPENING OR DOOR WHEN CLOSED.
- WHERE ALL NEW WALL TILE TERMINATES PROVIDE ALUMINIUM TRIM STRIP AT HORIZONTAL TERMINATION POINT WHERE CERAMIC TILE MEETS DRYWALL. TYPICAL.
- PROVIDE ONE COAT OF PRIMER AND TWO COATS OF LATEX EGGSHELL FINISH PAINT IN ALL AREAS TO BE PAINTED.
- REFER TO ARCHITECTURAL SHEETS A6.1 AND A7.1 FOR LOCATION OF ALL MILLWORK LAMINATE, SOLID SURFACE AND WALL TILE ELEVATIONS DETAILS.
- WHERE CERAMIC TILE IS NOTED ON THE WALL FINISH PLAN, TILE CONTRACTOR IS TO INCLUDE TILE ON ALL WALLS, UNLESS NOTED OTHERWISE. IF TILE CONTRACTOR IS UNSURE OF WHERE TILE WORK STARTS AND STOPS CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT AND/OR DESIGNER.
- PAINTING CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL NEW AND OR EXISTING PIPING, CONDUIT, DUCT WORK, ETC. THAT WILL BE EXPOSED TO MATCH WALL OR CEILING COLOR.
- PAINTING CONTRACTOR TO PAINT FACE AND UNDERSIDE OF ALL SOFFITS IN PAINT COLORS AS NOTED ON REFLECTED CEILING FINISH PLANS.
- ALL NEW DOOR FRAMES SHALL BE PAINTED TO MATCH EXISTING DOOR FRAME COLOR.

FINISH SPECIFICATIONS (24)

LEGEND:

RB	RUBBER BASE
CPT	CARPET
CT	CERAMIC TILE
G	GROUT
RF	RUBBER FLOORING
PL	PLASTIC LAMINATE
SSF	SOLID SURFACE
P	PAINT
WC	WALL COVERING
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NA	NOT APPLICABLE
NTS	NOT TO SCALE

CARPET

CT-1 FURNISHED AND INSTALLED BY OWNER (OPEN OFFICE, CONFERENCE, CONTROL, AND EARLY LEARNING)

SOURCE: BY OWNER

CT-2 PATCRAFT COMMERCIAL CARPET, STYLE: I0316 PASEO, COLOR: 00123 OPAL, INSTALL: QUARTER TURN, (WALK OFF - LOBBY)

SOURCE: PATCRAFT, MATT SUOAZ, 708-363-3532

CERAMIC TILE:

CT-1 VIRGINIA TILE, COLLECTION: MONOCIBEC - MODERN, PATTERN: MNC MOBE 1224R, COLOR: BEIGE, FINISH: MATTE, SIZE: 12" X 24" (IN FRONT OF FIREPLACE IN LOUNGE)

SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582

CT-2 VIRGINIA TILE, STONE TILES INTERNATIONAL UPTOWN COLLECTION, IVORY SPLIT FACE 1X2, ST. IVOR NOS128F (ACCENT FEATURE WALL AT FIREPLACE IN LOUNGE BACKSPLASH BETWEEN LOWER AND UPPER CASEWORK IN LOUNGE)

SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582

CT-3 DAL TILE, RITTENHOUSE SQUARE, COLOR: ALMOND 0135, SIZE: 3"X6" BEVEL WALL TILE, INSTALL: BRICK PATTERN (BACKSPLASH - MULTI-PURPOSE, GAME ROOM AND EARLY LEARNING)

SOURCE: DAL TILE, DRAGANA RUNDELL, 847-561-9582

CT-4 VIRGINIA TILE, COLLECTION: MONOCIBEC - MODERN, PATTERN: MNC MOBE, COLOR: BEIGE, FINISH: MATTE, SIZE: 12"X24" (WALL TILE IN TOILET ROOM 146)

SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582

GROUT: TBD

G-1 MAPEI, COLOR: 04 BAHAMA BEIGE, (USED WITH CT-1 & CT-4)

G-2 MAPEI, COLOR: 49 LIGHT ALMOND, (USED WITH CT-3)

SOURCE: MAPEI

LUXURY VINYL TILE

VIT-1 MOHAWK, STYLE: SECVOA C0099, COLOR: 148 ATWELL MILL, SIZE: 9" X 9" PLANK, INSTALL: REFER TO FLOOR PLAN (FIELD LVT)

VIT-2 MOHAWK, STYLE: BOLDER C0010, COLOR: 832 RIVER ROCK, SIZE: 36" X 36" TILE, INSTALL: REFER TO FLOOR PLAN (ACCENT LVT - MULTI-PURPOSE)

VIT-3 MOHAWK, STYLE: BOLDER C0010, COLOR: 636 CALCITE, SIZE: 36" X 36" TILE, INSTALL: REFER TO FLOOR PLAN (ACCENT LVT - MULTI-PURPOSE)

RUBBER SPORTS FLOORING

RF-1 JOHNSONITE, COMMOITION, COLOR: 824 CHROMATIC, SIZE: 24" X 24", THICKNESS: 3/8" THICK (MEZZANINE)

SOURCE: E.J. WELCH, KELLI MILDREN, 630.390.5406

RUBBER BASE

RB-1 JOHNSONITE, 4" RUBBER WALL BASE, COLOR: 44 DARK BROWN

RB-2 JOHNSONITE, 6" RUBBER WALL BASE, COLOR: 40 BLACK B

SOURCE: E.J. WELCH CO, KELLI MILDREN, 630.390.5406

VINYL COMPOSITE TILE:

VCT-1 JOHNSONITE, VINYL COMPOSITION TILE, AZROCK COLLECTION, COLOR: V-212 LAMB'S WOOL, SIZE: 12"X12", (EARLY LEARNING, TOILET 146 & PANTRY 145)

SOURCE: E.J. WELCH CO, KELLI MILDREN, 630.390.5406

LAMINATE FINISHES:

FL-1 FORMICA, COLOR: 5875-56 POSSUM WARP (CASEWORK - CONTROL, LOUNGE, MULTI-PURPOSE, GAME ROOM & EARLY LEARNING)

SOURCE: METRO HARDWOODS, LESSA NAVARRO, 224-355-4429

FL-2 OCTOLAM, COLOR: 546 MT CORTEZA SANDSTONE (CASEWORK - CONTROL)

SOURCE: WALMARK CORPORATION, CHRISTINA MCHUGH, 847-545-0400

FL-3 FORMICA, DECOMETAL BY FORMICA GROUP, COLOR: M2032 BRUSHED PEWTER ALUMINIUM (CASEWORK REVEAL - CONTROL)

SOURCE: METRO HARDWOODS, LESSA NAVARRO, 224-355-4429

FL-4 LAMIN-ART, 24-1 T LUNAR SANDSTORM (CASEWORK - CONTROL)

SOURCE: LAMIN-ART, MELISSA BARNES, 847-544-9565

PAINT FINISHES:

P-1 BENJAMIN MOORE, COLOR: SPRING IN ASPEN 954 EGGSHELL (FIELD WALL COLOR)

P-2 SHERWIN WILLIAMS, COLOR: RETREAT SW 6207, EGGSHELL (ACCENT PAINT)

P-3 BENJAMIN MOORE, COLOR: MAYFLOWER RED HC-49, EGGSHELL (ACCENT PAINT)

P-4 BENJAMIN MOORE, COLOR: RATTAN AF-375, EGGSHELL (ACCENT PAINT - SOFFIT)

P-5 BENJAMIN MOORE, COLOR: MAYONNAISE 2152-70, FLAT (CEILING PAINT)

SOURCE: SHERWIN WILLIAMS AND BENJAMIN MOORE

WALL PROTECTION:

WP-1 CS GROUP, ACROVYN, COLOR: 920 ALMOND (PANELS AND TRIMS) 4" X 8" PROTECTIVE WALLCOVERING PANELS, INSTALLED HORIZONTALLY, 0.005" THICKNESS, PROVIDE TRIM PIECES & CHAIR RAIL AS SHOWN IN MATCHING COLOR. REFER TO ARCHITECTURAL SPECS AND ID-1 ELEVATIONS FOR MORE INFORMATION

SOURCE: CS GROUP, TADD BREON, 630-393-1919

SOLID SURFACE MATERIALS:

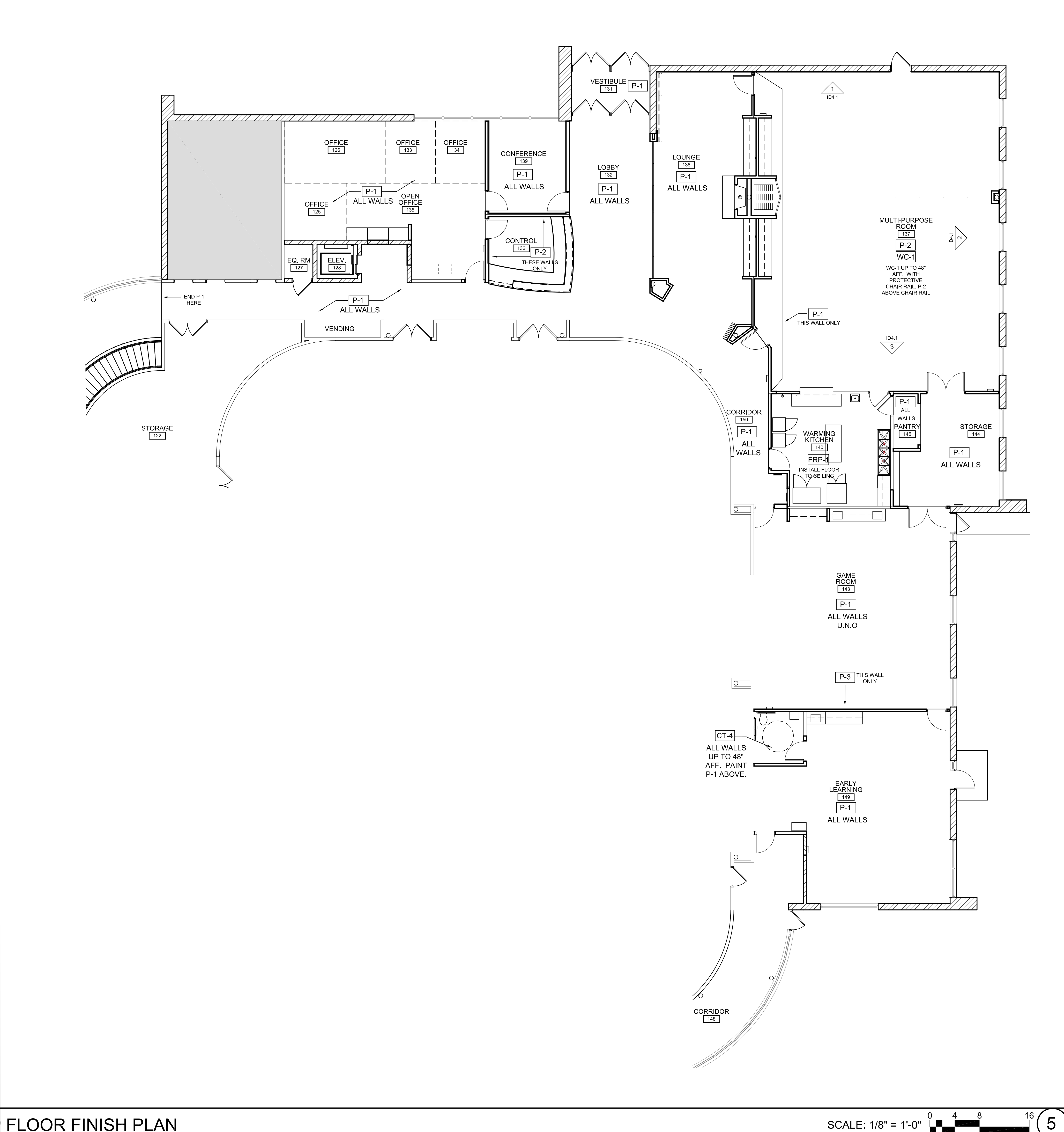
SS-1 909 SURFACES, PRIMA COLLECTION, COLOR: HARMONY NNT10-PM60-72 (CONTROL, LOUNGE, MULTI-PURPOSE & GAME ROOM COUNTERS)

SOURCE: WURTH BAER SUPPLY, JULIE HEINZEL, 779-899-1434

FRP:

FRP-1 MARLITE, PATTERN: STANDARD FRP PEBBLE, COLOR: TBD, INSTALL: 4" X 8" OR 4" X 10" (AS APPLICABLE) PANELS. ALL PANELS ARE TO INSTALL VERTICALLY WITH SEAM EVERY 4". PROVIDE APPROPRIATE TRIM STRIP AT SEAMS EVERY 4". INSTALL FLOOR TO CEILING IN WARMING KITCHEN 140

SOURCE: MARLITE



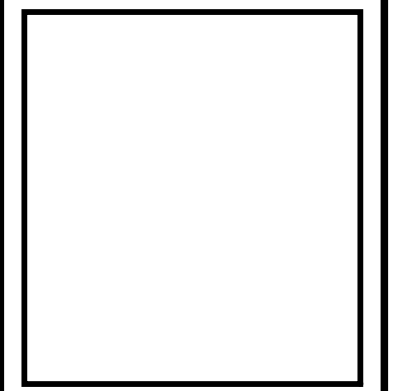
LEGEND (25)

INTERIOR FINISHES (20)

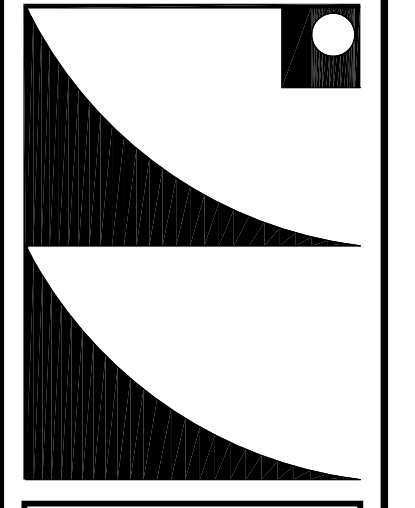
FLOOR FINISH PLAN (20)

**HOFFMAN ESTATES PARK DISTRICT
TRIPHAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

2015.06.6	date
03/27/2016	drawn
CJS/T/MNC	checked
FRP/CHK	revised
ISSUED FOR BID	



**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
500 Park Boulevard, Suite 800, Itasca, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



FIRST FLOOR
INTERIOR WALL
FINISH PLAN

ID2.1

SCALE: 1/8" = 1'-0" 0 4 8 16 5

GENERAL NOTES:

- 1. SEE ALL PLAN DRAWINGS (00 SERIES) FOR DIMENSIONS, LOCATION ISSUES, ENLARGED PLANS, ELEVATION TARGETS, DETAIL TARGETS, ETC.
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8. SUBMITTALS OF ALL FINISH MATERIALS REQUIRED TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING OR INSTALLING TO INSURE ACCURACY OF SPECIFIED PRODUCT WITH INSTALLED MATERIAL.
9. LEAD TIMES FOR ALL SPECIFIED MATERIALS VARY. PURCHASING CONTRACTOR AND/OR SUPPLIER ASSUMES RESPONSIBILITY FOR VERIFYING LEAD TIME WITH MANUFACTURER AND ORDERING MATERIAL IN ACCORDANCE WITH PROJECT SCHEDULE AND COMPLETION DATE.

GENERAL NOTES

21

FINISH SPECIFICATIONS:

- 1. IN ALL AREAS WHERE LVT, CARPET, AND VCT PRODUCTS ARE INSTALLED PROVIDE 4" RUBBER COVE BASE.
2. IN ALL AREAS WHERE RUBBER SPORTS FLOORING PRODUCTS RF-1 ARE INSTALLED PROVIDE 6" RUBBER COVE BASE.
3. ADD SCHLUTER METAL EDGE TRANSITION STRIP WHERE CERAMIC TILE MEETS LVT-1 IN LOUNGE 138.
4. ADD SCHLUTER METAL EDGE TRANSITION STRIP WHERE LVT-1 MEETS CPT-2 IN LOBBY 132, CORRIDOR 150 & LOUNGE 138.
5. IN ALL AREAS WHERE NEW LVT-1 FLOORING MEETS EXISTING FLOORING AT DOOR THRESHOLDS PROVIDE APPROPRIATE RUBBER TRANSITION STRIPS TO MATCH RB-1.
6. IN TOILET ROOM 146 PROVIDE CERAMIC TILE ON ALL WALLS FROM FLOOR TO 48" AFF. PROVIDE COVE BASE TO MATCH WALL TILE CT-4. WHERE CERAMIC TILE MEETS MIRROR CONTRACTOR PROVIDE A CERAMIC TILE BORDER AROUND FRAME OF MIRROR SO THAT NO GAPS ARE VISIBLE BEHIND MIRROR WHERE MIRROR HALF SITS ON CERAMIC TILE AND DRYWALL WALL.
7. EXISTING THRESHOLDS IN GYM TO BE REMOVED AND REINSTALLED BY FLOORING CONTRACTOR.
8. IN WARMING KITCHEN 140, PATCH FLOOR AND ADD NEW VCT TO MATCH EXISTING VCT WHERE DEMO OCCURS.
9. IN OPEN OFFICE 135, CONFERENCE 139, AND CONTROL 136, CARPET TO BE FURNISHED AND INSTALLED BY OWNER.
10. ALL CERAMIC TILE SHALL BE LAYED FROM CENTER MARKS ESTABLISHED WITH PRINCIPAL WALLS, SO THAT TILES AT OPPOSITE EDGES ARE EQUAL IN WIDTH UNLESS DIMENSIONED OTHERWISE ON INTERIOR PLANS AND ELEVATIONS.
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14. PROVIDE ONE COAT OF PRIMER AND TWO COATS OF LATEX EGGSHELL FINISH PAINT IN ALL AREAS TO BE PAINTED.
15. REFER TO ARCHITECTURAL SHEETS A6.1 AND A7.1 FOR LOCATION OF ALL MILLWORK LAMINATE, SOLID SURFACE AND WALL TILE ELEVATIONS DETAILS.
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17. PAINTING CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL NEW AND OR EXISTING PIPING, CONDUIT, DUCT WORK, ETC. THAT WILL BE EXPOSED TO MATCH WALL OR CEILING COLOR.
18. PAINTING CONTRACTOR TO PAINT FACE AND UNDERSIDE OF ALL SOFFITS IN PAINT COLORS AS NOTED ON REFLECTED CEILING FINISH PLANS.
19. ALL NEW DOOR FRAMES SHALL BE PAINTED TO MATCH EXISTING DOOR FRAME COLOR.

FINISH SPECIFICATIONS

24

LEGEND:

- RB RUBBER BASE
CPT CARPET
CT CERAMIC TILE
G GROUT
RF RUBBER FLOORING
PL PLASTIC LAMINATE
SSF SOLID SURFACE
P PAINT
WC WALL COVERING
MISC MISCELLANEOUS
NIC NOT IN CONTRACT
NA NOT APPLICABLE
NTS NOT TO SCALE

CARPET

- CT-1 FURNISHED AND INSTALLED BY OWNER (OPEN OFFICE, CONFERENCE, CONTROL, AND EARLY LEARNING)
SOURCE: BY OWNER
CT-2 PATCRAFT COMMERCIAL CARPET, STYLE: I0316 PASEO, COLOR: 00123 OPAL, INSTALL: QUARTER TURN, (1 WALK OFF - LOBBY)
SOURCE: PATCRAFT, MATT SUOAZ, 708-363-3532

CERAMIC TILE:

- CT-1 VIRGINIA TILE, COLLECTION: MONOCIBEC - MODERN, PATTERN: MNC MOBE 1224R, COLOR: BEIGE, FINISH: MATTE, SIZE: 12" X 24" (IN FRONT OF FIREPLACE IN LOUNGE)
SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582
CT-2 VIRGINIA TILE, STONE TILES INTERNATIONAL, UPTOWN COLLECTION, IVORY SPLIT FACE 1X2, STI IVOR NOS 125F (ACCENT FEATURE WALL AT FIREPLACE IN LOUNGE BACKSPLASH BETWEEN LOWER AND UPPER CASEWORK IN LOUNGE.
SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582
CT-3 DAL TILE, RITTENHOUSE SQUARE, COLOR: ALMOND 0135, SIZE: 3"X6" BEVEL WALL TILE. INSTALL: BRICK PATTERN (BACKSPLASH - MULTI-PURPOSE, GAME ROOM AND EARLY LEARNING)
SOURCE: DAL TILE, DRAGANA RUNDELL, 847-561-9582
CT-4 VIRGINIA TILE, COLLECTION: MONOCIBEC - MODERN, PATTERN: MNC MOBE, COLOR: BEIGE, FINISH: MATTE, SIZE: 12"X24" (WALL TILE IN TOILET ROOM 146)
SOURCE: VIRGINIA TILE, DRAGANA RUNDELL, 847-561-9582

GROUT: TBD

- G-1 MAPEI, COLOR: 04 BAHAMA BEIGE, (USED WITH CT-1 & CT-4)
G-2 MAPEI, COLOR: 49 LIGHT ALMOND, (USED WITH CT-3)
SOURCE: MAPEI

LUXURY VINYL TILE

- LVT-1 MOHAWK, STYLE: SECOYA C0009, COLOR: 148 ATWELL MILL, SIZE: 9" X 69" PLANK, INSTALL: REFER TO FLOOR PLAN (FIELD LVT)
LVT-2 MOHAWK, STYLE: BOLDER C0010, COLOR: 832 RIVER ROCK, SIZE: 36" X 36" TILE, INSTALL: REFER TO FLOOR PLAN (ACCENT LVT - MULTI-PURPOSE)
LVT-3 MOHAWK, STYLE: BOLDER C0010, COLOR: 636 CALCITE, SIZE: 36" X 36" TILE, INSTALL: REFER TO FLOOR PLAN (ACCENT LVT - MULTI-PURPOSE)

RUBBER SPORTS FLOORING

- RF-1 JOHNSONITE, COMMOITION, COLOR: 524 CHROMATIC, SIZE: 24" X 24", THICKNESS: 3/8" THICK (MEZZANINE)
SOURCE: E.J. WELCH, KELLI MILDREN, 630.390.5406

RUBBER BASE

- RB-1 JOHNSONITE, 4" RUBBER WALL BASE, COLOR: 44 DARK BROWN
RB-2 JOHNSONITE, 6" RUBBER WALL BASE, COLOR: 40 BLACK B
SOURCE: E.J. WELCH CO, KELLI MILDREN, 630.390.5406

VINYL COMPOSITE TILE:

- VCT-1 JOHNSONITE, VINYL COMPOSITION TILE, AZROCK COLLECTION, COLOR: V-212 LAMB'S WOOL, SIZE: 12"X12", (EARLY LEARNING, TOILET 146 & PANTRY 145)
SOURCE: E.J. WELCH CO, KELLI MILDREN, 630.390.5406

LAMINATE FINISHES:

- LF-1 FORMICA, COLOR: 587S-56 POSSUM WARP (CASEWORK - CONTROL, LOUNGE, MULTI-PURPOSE, GAME ROOM & EARLY LEARNING)
SOURCE: METRO HARDWOODS, LESSA NAVARRO, 224-355-4429
LF-2 OCTOLAM, COLOR: 546 MT CORTEZA SANDSTONE (CASEWORK - CONTROL)
SOURCE: WALMARK CORPORATION, CHRISTINA MCHUGH, 847-545-0400
LF-3 FORMICA, DECOMETAL BY FORMICA GROUP, COLOR: M2032 BRUSHED PEWTER ALUMINUM (CASEWORK REVEAL - CONTROL)
SOURCE: METRO HARDWOODS, LESSA NAVARRO, 224-355-4429
LF-4 LAMIN-ART, 241-T LUNAR SANDSTORM (CASEWORK - CONTROL)
SOURCE: LAMIN-ART, MELISSA BARNES, 847-544-9565

PAINT FINISHES:

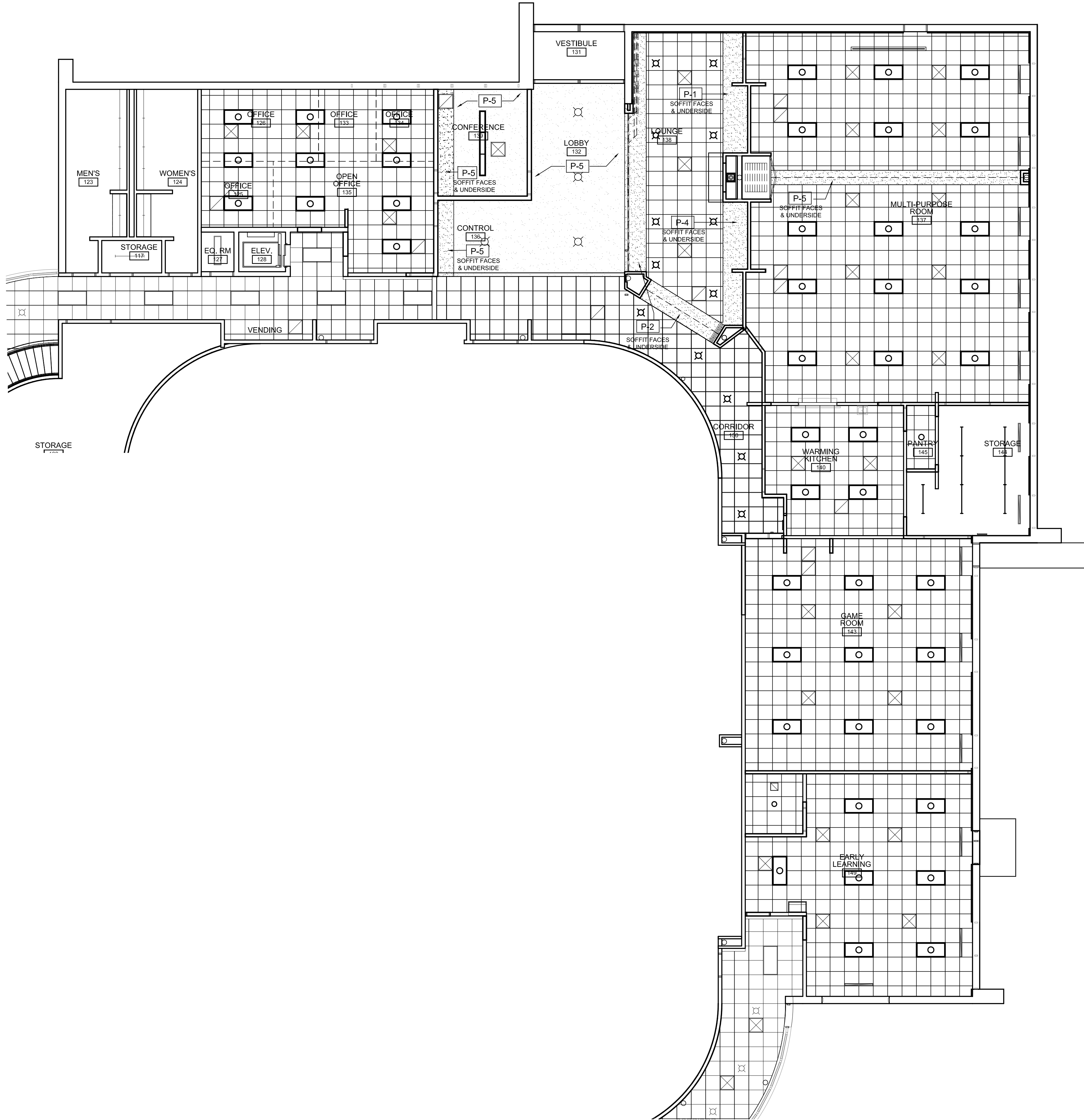
- PF-1 BENJAMIN MOORE, COLOR: SPRING IN ASPEN 954 EGGSHELL (FIELD WALL COLOR)
PF-2 SHERWIN WILLIAMS, COLOR: RETREAT SW 6207, EGGSHELL (ACCENT PAINT)
PF-3 BENJAMIN MOORE, COLOR: MAYFLOWER RED HC-49, EGGSHELL (ACCENT PAINT)
PF-4 BENJAMIN MOORE, COLOR: RATTAN AF-375, EGGSHELL (ACCENT PAINT - SOFFIT)
PF-5 BENJAMIN MOORE, COLOR: MAYONNAISE 2152-70, FLAT (CEILING PAINT)
SOURCE: SHERWIN WILLIAMS AND BENJAMIN MOORE

WALL PROTECTION:

- WP-1 CS GROUP, ACROVYN, COLOR: 920 ALMOND (PANELS AND TRIMS) 4" X 8" PROTECTIVE WALLCOVERING PANELS, INSTALLED HORIZONTALLY, 0.005" THICKNESS, PROVIDE TRIM PIECES & CHAIR RAIL AS SHOWN IN MATCHING COLOR. REFER TO ARCHITECTURAL SPECS AND ID-1 ELEVATIONS FOR MORE INFORMATION
SOURCE: CS GROUP, TADD BREON, 630-393-1919

SOLID SURFACE MATERIALS:

- SS-1 909 SURFACES, PRIMA COLLECTION, COLOR: HARMONY NHT0-PMS0-72 (CONTROL, LOUNGE, MULTI-PURPOSE & GAME ROOM COUNTERS)
SOURCE: WURTH BAER SUPPLY, JULIE HEINZEL, 779-899-1434
FRP: MARLITE, PATTERN: STANDARD FRP PEBBLE, COLOR: TBD, INSTALL: 4" X 8" OR 4" X 10" (AS APPLICABLE) PANEL. ALL PANELS ARE TO INSTALL VERTICALLY WITH SEAM EVERY 4". PROVIDE APPROPRIATE TRIM STRIP AT SEAMS EVERY 4". INSTALL FLOOR TO CEILING IN WARMING KITCHEN 140.
SOURCE: MARLITE



LEGEND

25 INTERIOR FINISHES

20 FLOOR FINISH PLAN

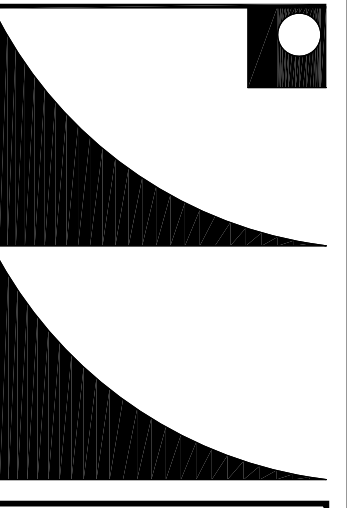
SCALE: 1/8" = 1'-0" 0 4 8 16 5

HOFFMAN ESTATES PARK DISTRICT
TRIPPAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169

Table with columns: waa no, date, drawn, checked, revised. Values: 2016-06, 09/27/2016, CJS/T/M/C, FRP/CAK, ISSUED FOR BID.



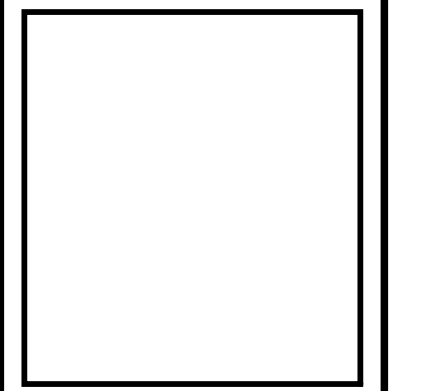
WILLIAMS ARCHITECTS ARCHITECTS PLANNERS
500 Park Boulevard, Suite 800, Itasca, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



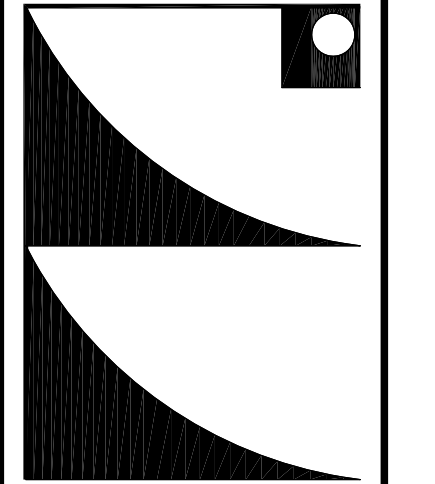
FIRST FLOOR REFLECTED CEILING PLAN

ID3.1

2015.066	
02/20/2016	
MNC	
FRP/CAK	
ISSUED FOR BID	
waa no	
date	
drawn	
checked	
revised	

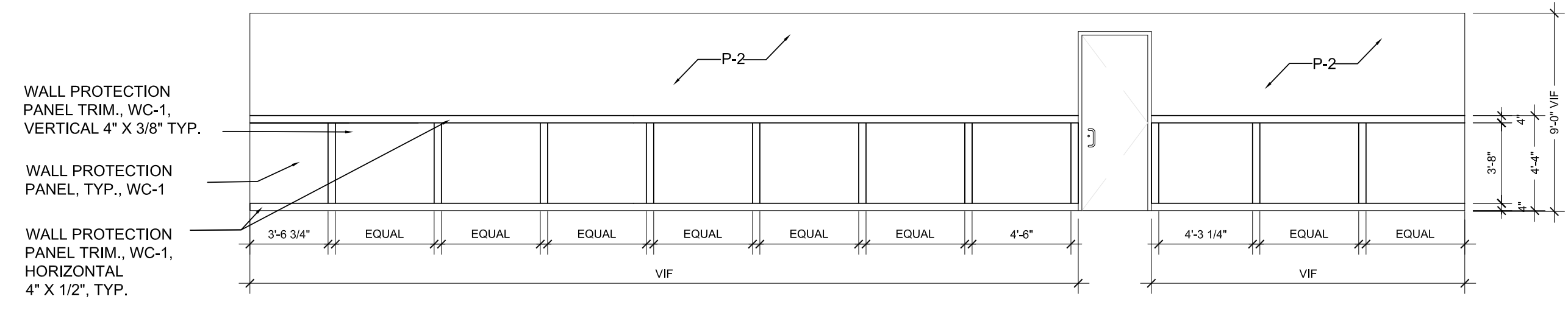


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ARCHITECTS**
ARCHITECTS PLANNERS
500 Park Boulevard, Suite 800, Itasca, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



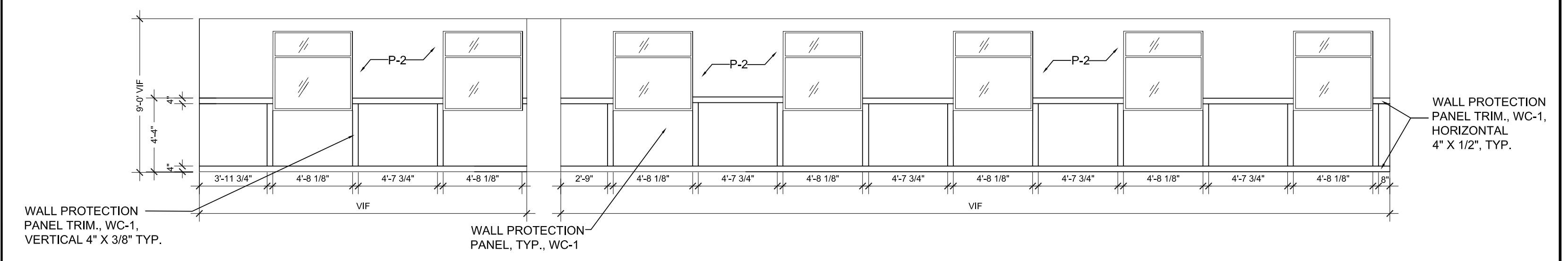
INTERIOR
ELEVATIONS

ID4.1



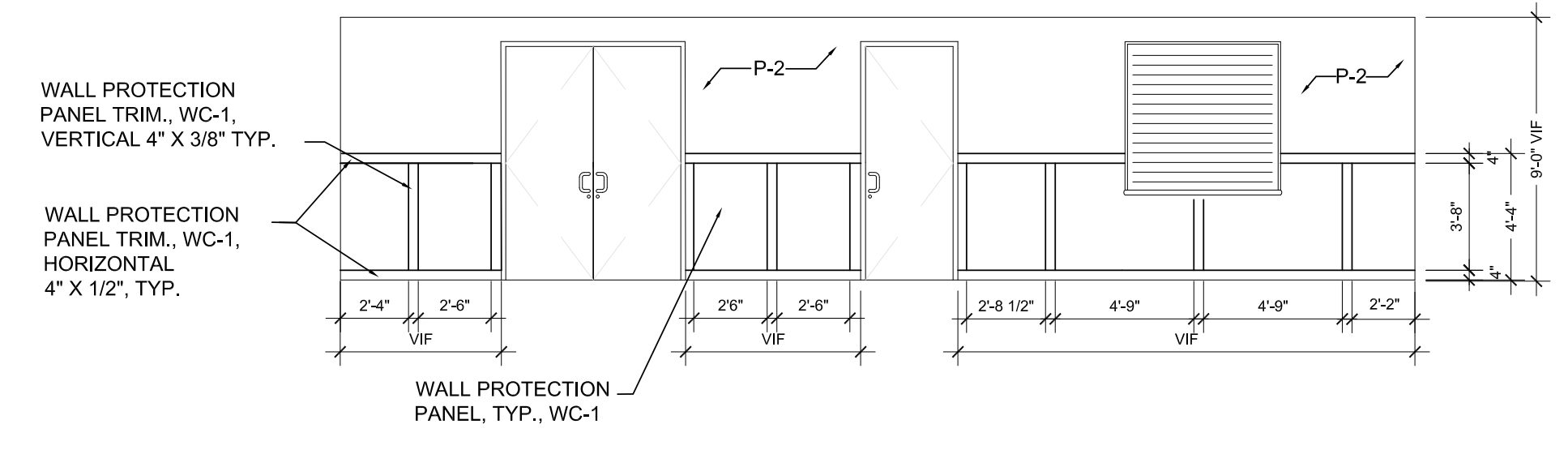
INTERIOR ELEVATION

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



INTERIOR ELEVATION

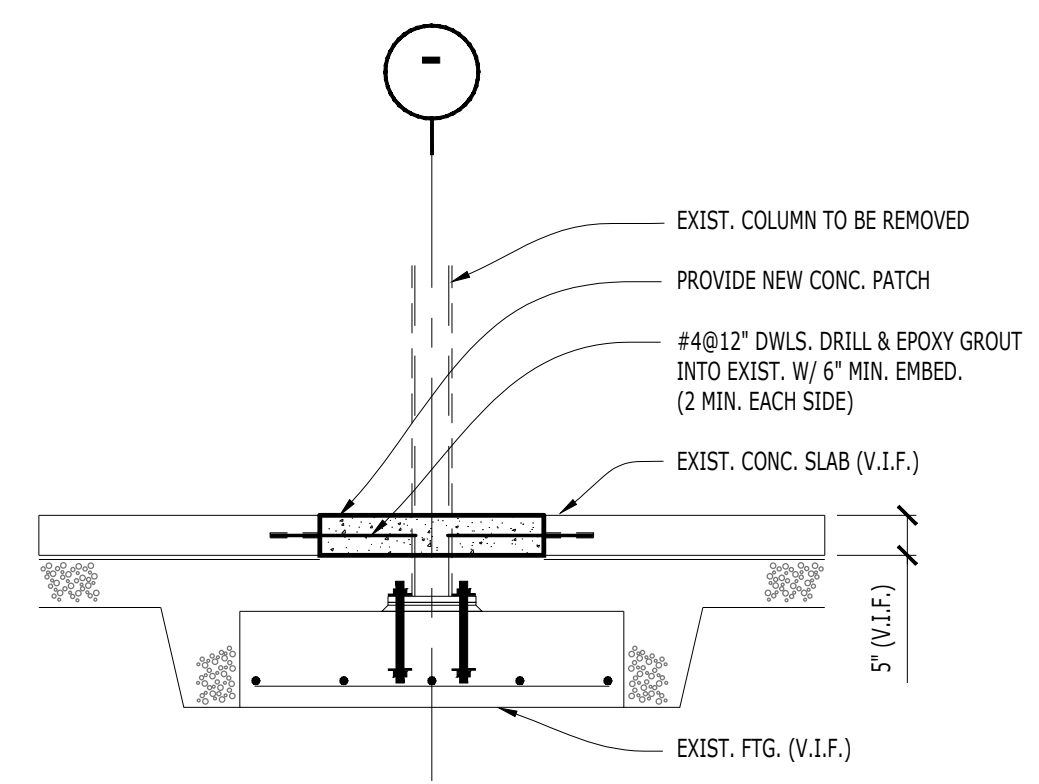
SCALE: 3/16" = 1'-0" 3



INTERIOR ELEVATION

SCALE: 3/16" = 1'-0" 5

FOOTING MARK	FOOTING SIZE (WxLxD)	REINFORCING EACH WAY BOTTOM, U.N.	REMARKS
F3.0	3'-0"x3'-0"x1'-0"	3-#5	
F5.0	5'-0"x5'-0"x1'-0"	5-#6	
F4.0-6.0	4'-0"x6'-0"x2'-9"	6-#5 S.W., TOP & BOTT. 4-#5 L.W., TOP & BOTT.	FIELD VERIFY BOTTOM OF FOOTING TO MATCH EXISTING FOOTING

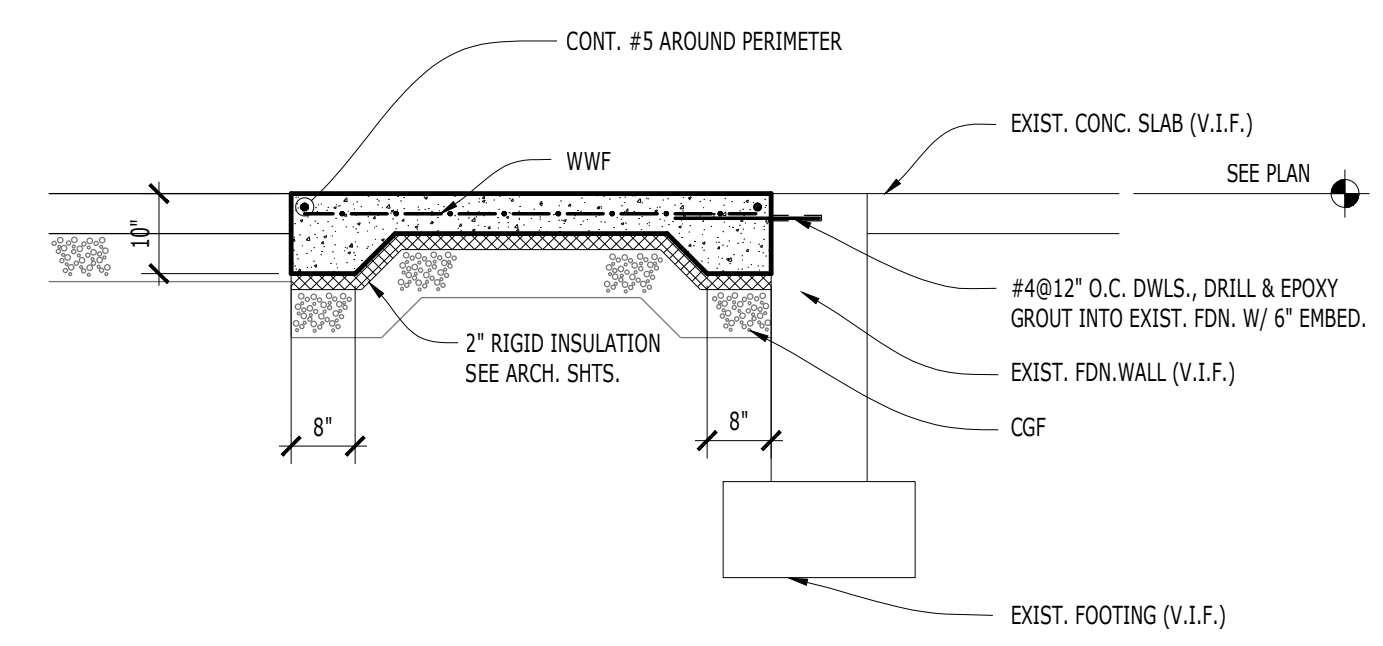


FOOTING SCHEDULE

SCALE: NONE **4**

SECTION

SCALE: 1/2" = 1'-0" **4**

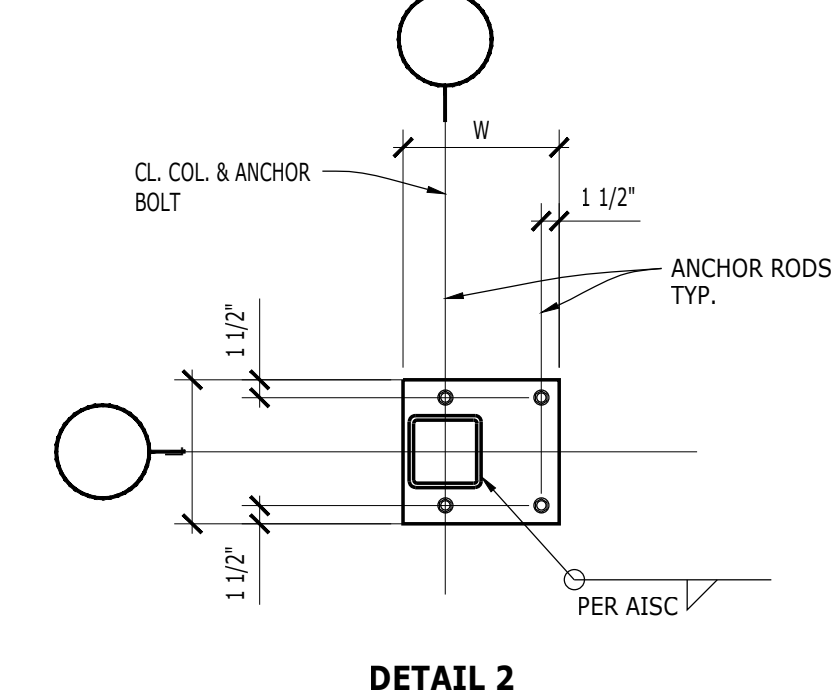
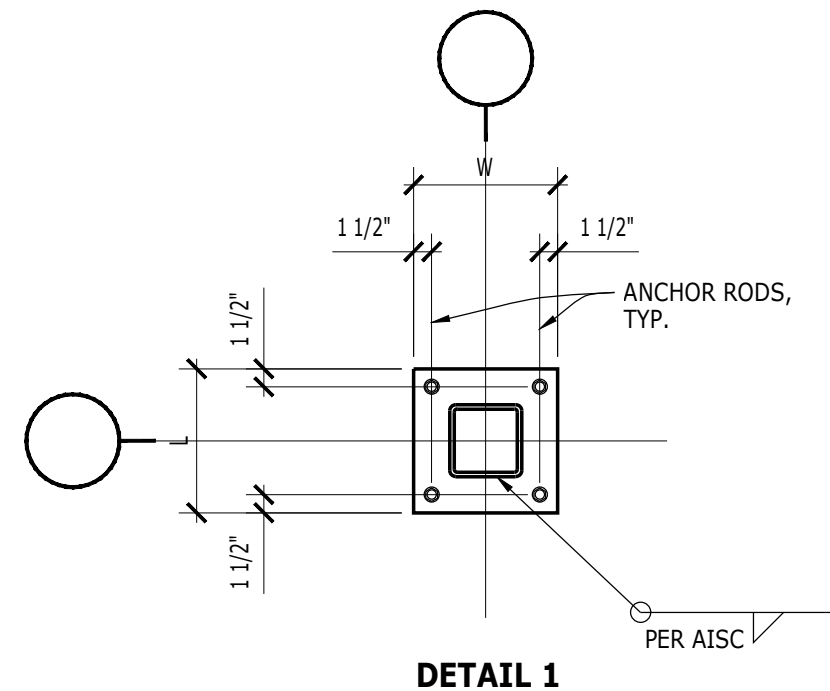
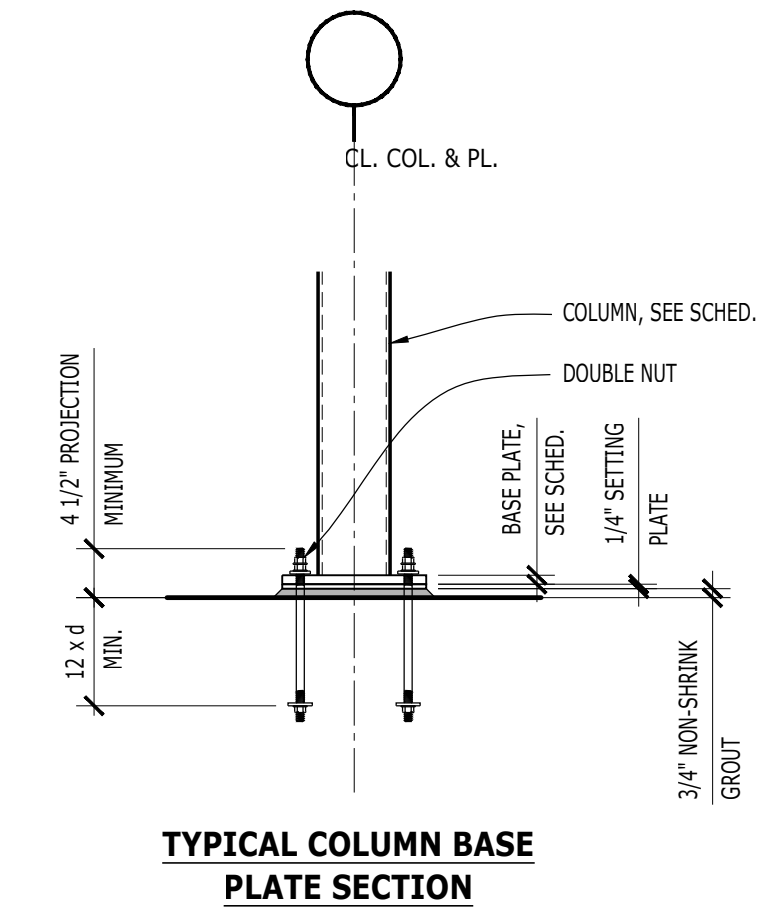


ALTERNATE No. 6

SECTION

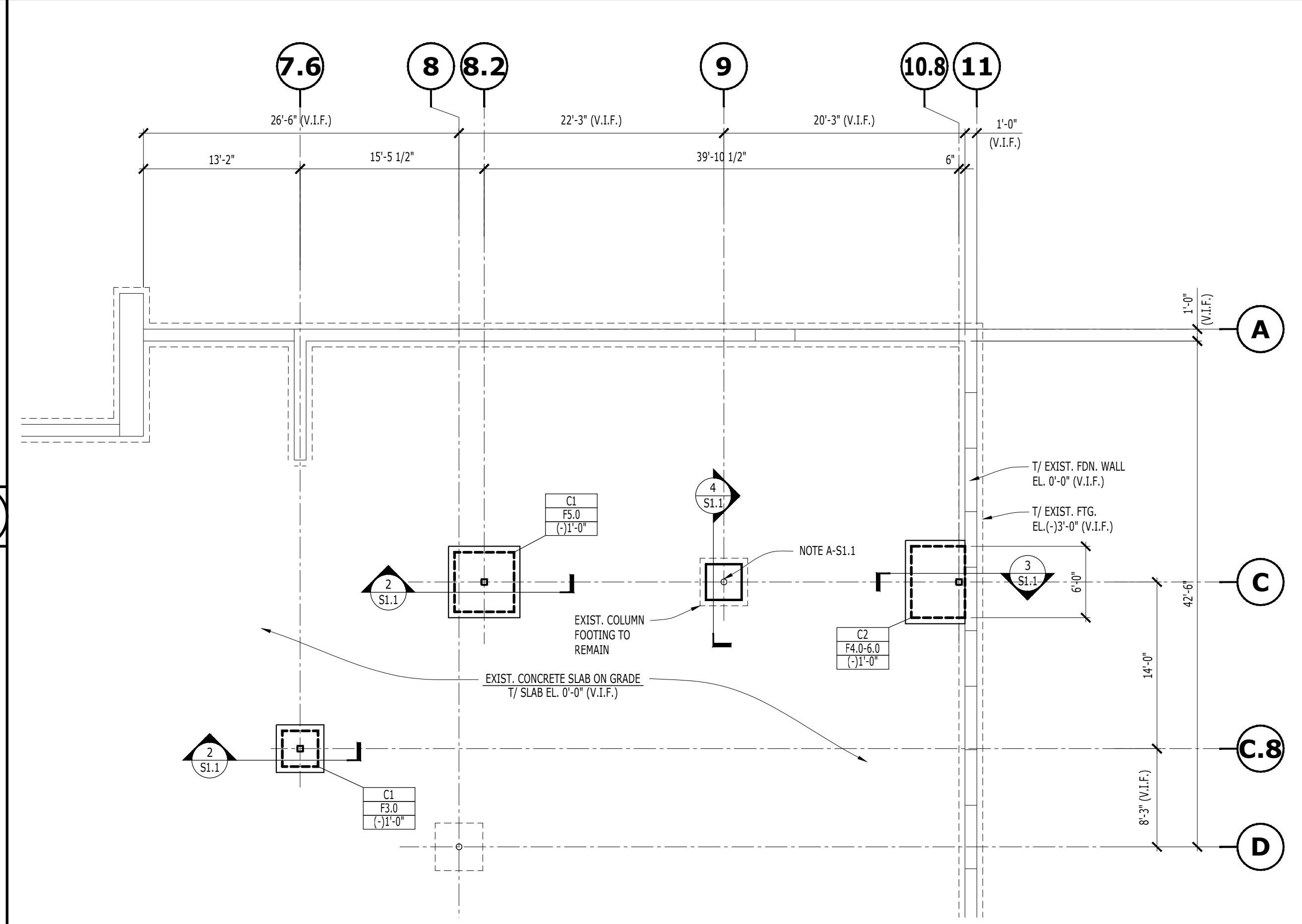
SCALE: 1/2" = 1'-0" **5**

COLUMN MARK	C1	C2	
CAP PLATE	1/2"	3/4"	
ROOF LEVEL			
EL. 0'-0"			
B/BASE PLATE	1 1/2"	1 1/2"	
BASE PLATE (t x W x L)	PL. 3/4"x12"x12"	PL. 3/4"x12"x12"	
ANCHOR RODS	(4)-3/4"Ø F1554-36	(4)-3/4"Ø F1554-36	
BASE PLATE DETAIL	1	2	



SECTION

SCALE: NONE **6**



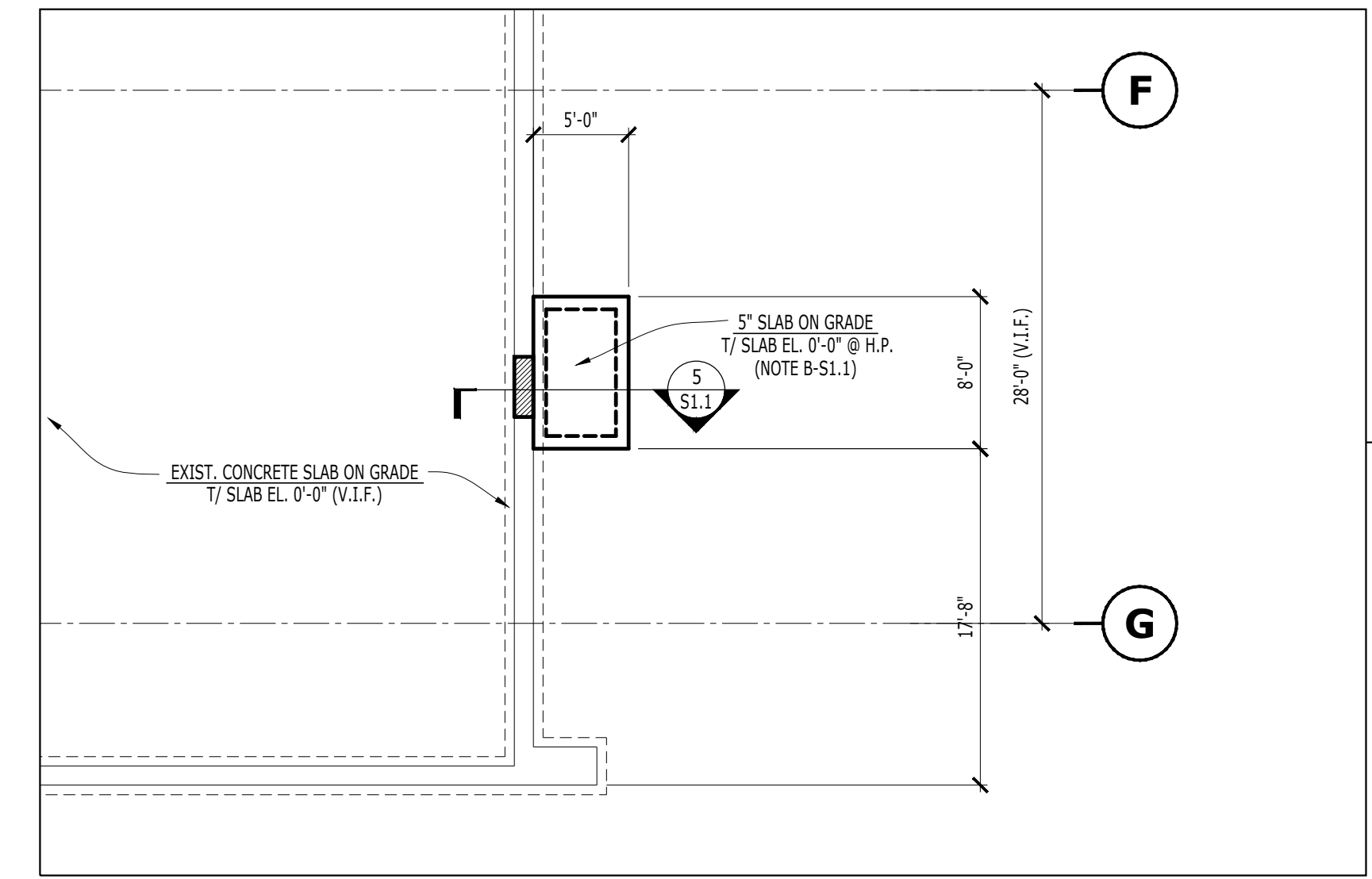
DRAWING S1.1 GENERAL NOTES:

CONTRACTOR NOTE:
CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID TO ENSURE ALL CONFLICTS FOR INSTALLATION OF NEW WORK HAS BEEN IDENTIFIED AND ANY WORK REQUIRED TO MODIFY EXISTING IS INCLUDED IN BID PRICE.

C2 = INDICATES COLUMN MARK; SEE x / Sx.x
F7 = INDICATES FOOTING MARK / PIER MARK; SEE x / Sx.x
Cx-x = INDICATES TOP OF FOOTING ELEVATION BELOW FINISH GRADE, SEE CIVIL SHEETS FOR GRADING PLAN.

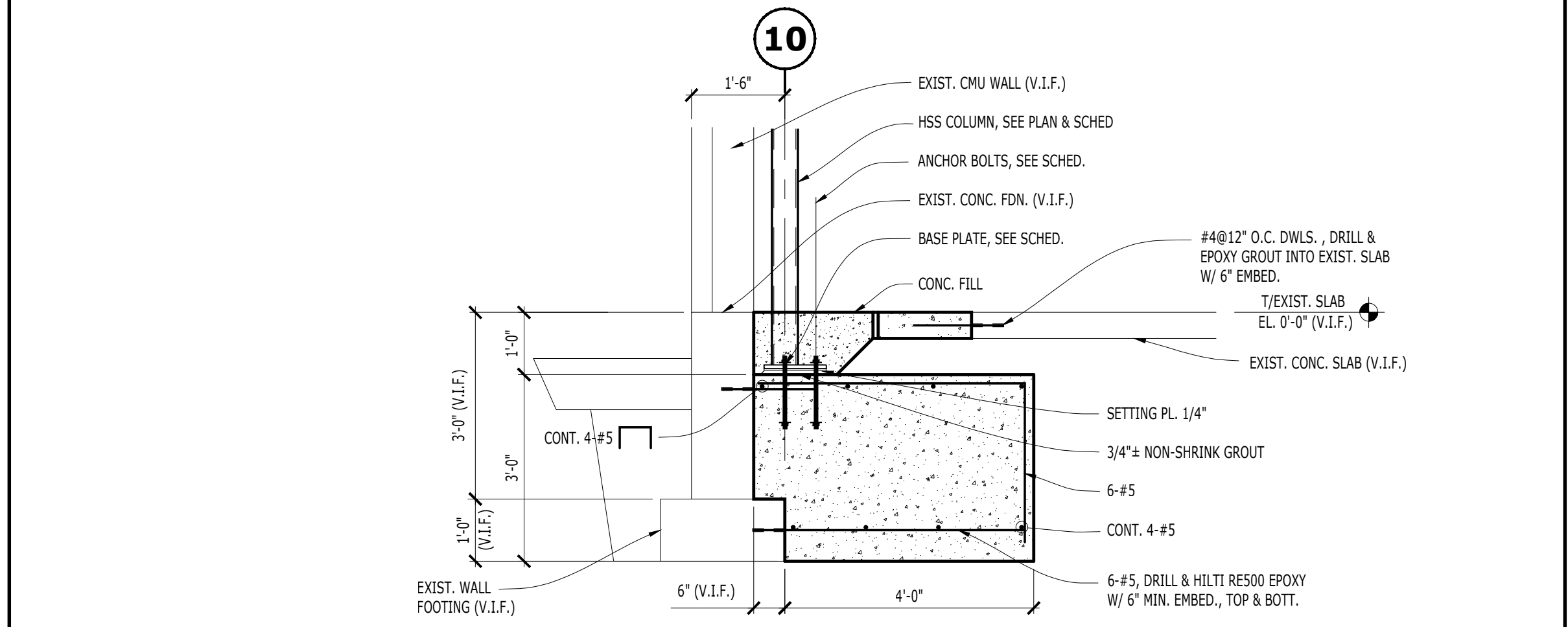
DRAWING S1.1 KEYNOTES:

A-S1.1: CAREFULLY REMOVE PORTION OF EXISTING COLUMN AS REQUIRED. CONTRACTOR TO CAREFULLY SHORE EXISTING STRUCTURE AS NECESSARY. PATCH FLOOR AFTER SHORING IS REMOVED PER 4/S1.1.

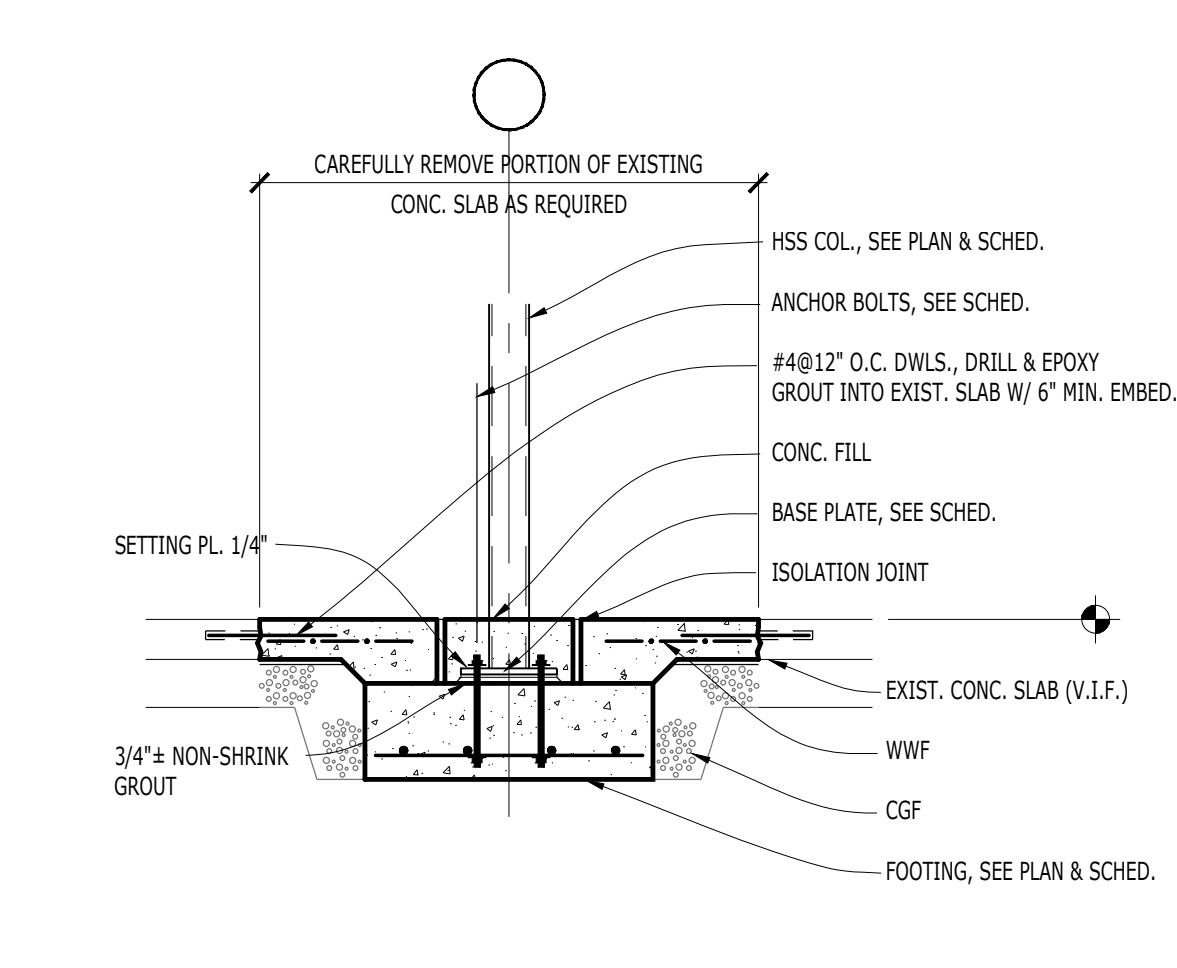


PARTIAL FOUNDATION PLAN

SCALE: 1/8" = 1'-0" **1**



SCALE: 1/2" = 1'-0" **3**



SCALE: 1/2" = 1'-0" **2**

SECTION

SCALE: NONE **6**

SECTION

SCALE: 1/2" = 1'-0" **3**

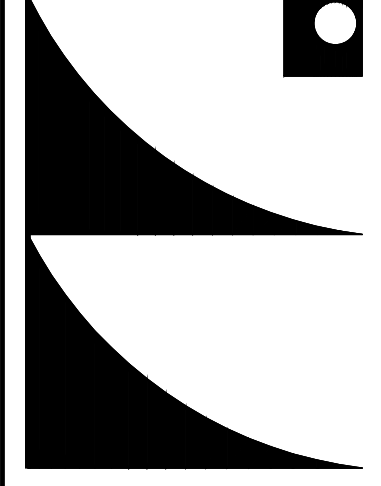
SECTION

SCALE: 1/2" = 1'-0" **2**

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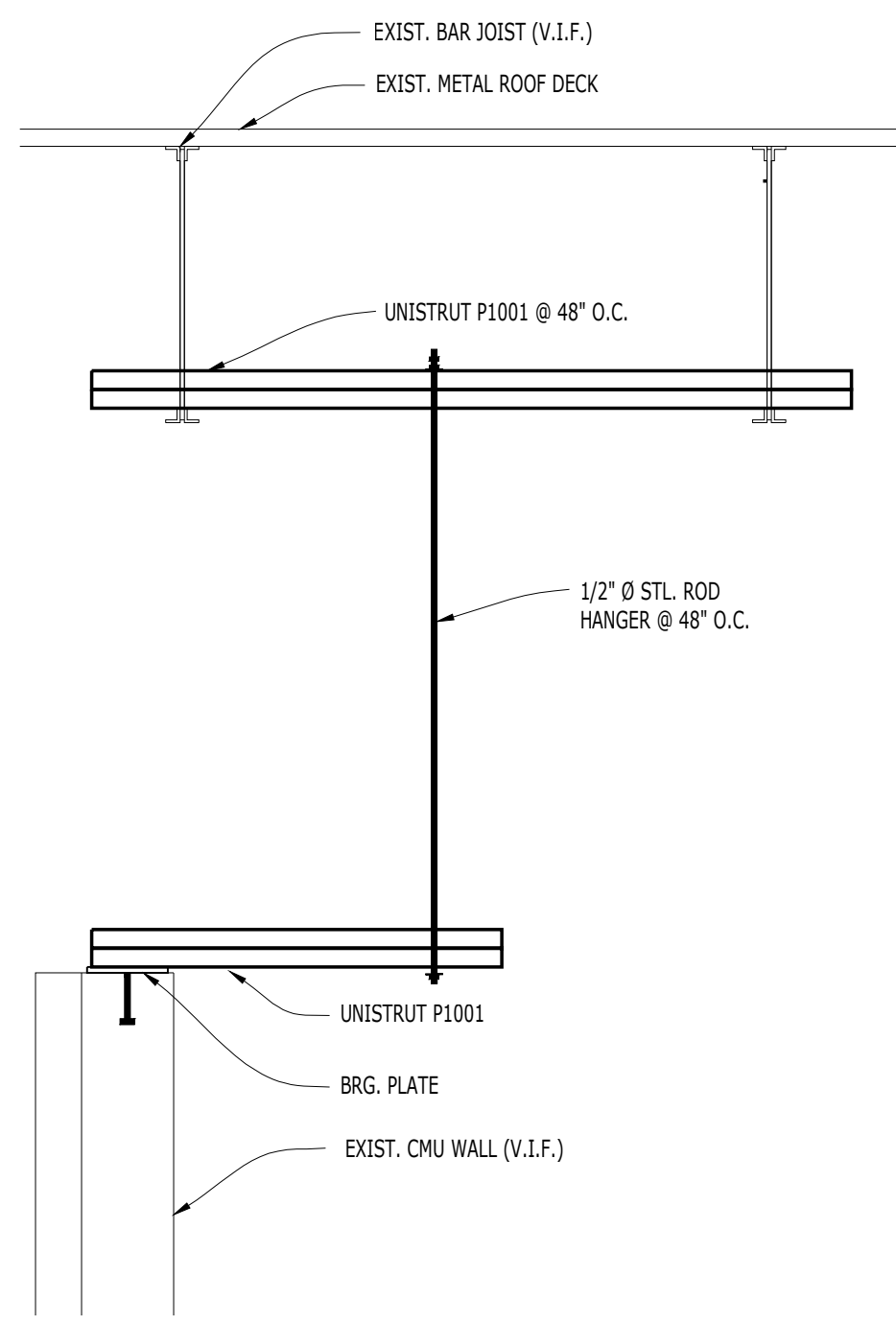
waa no	2015-056
date	09/25/2016
drawn	PW
checked	MW
revised	20 SEPT 2016 - ISSUED FOR BID

**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
500 Park Boulevard, Suite 800, Itasca, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



PARTIAL
FOUNDATION
PLAN

S1.1



SECTION

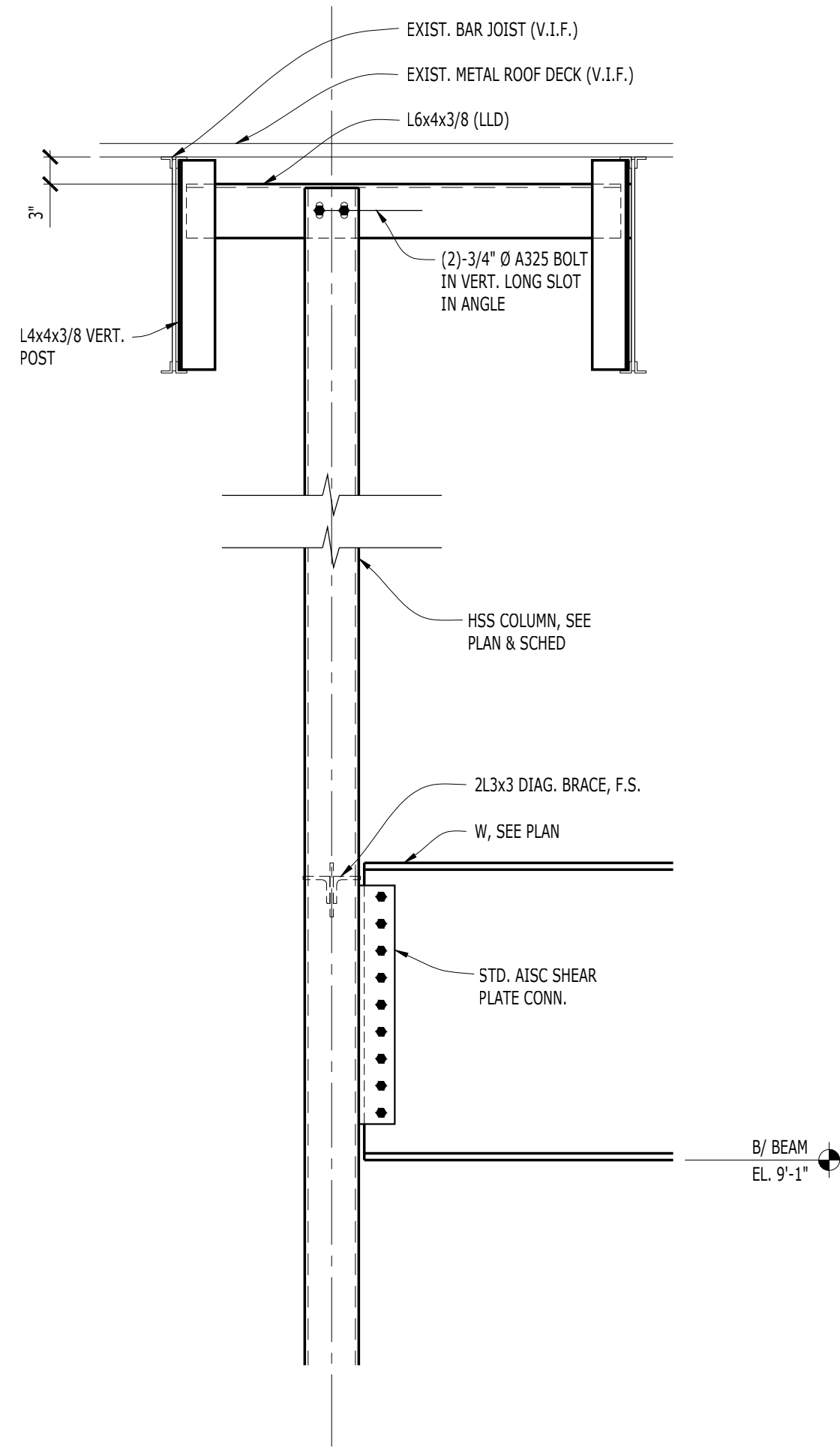
SCALE: 3/4" = 1'-0"

7

SECTION

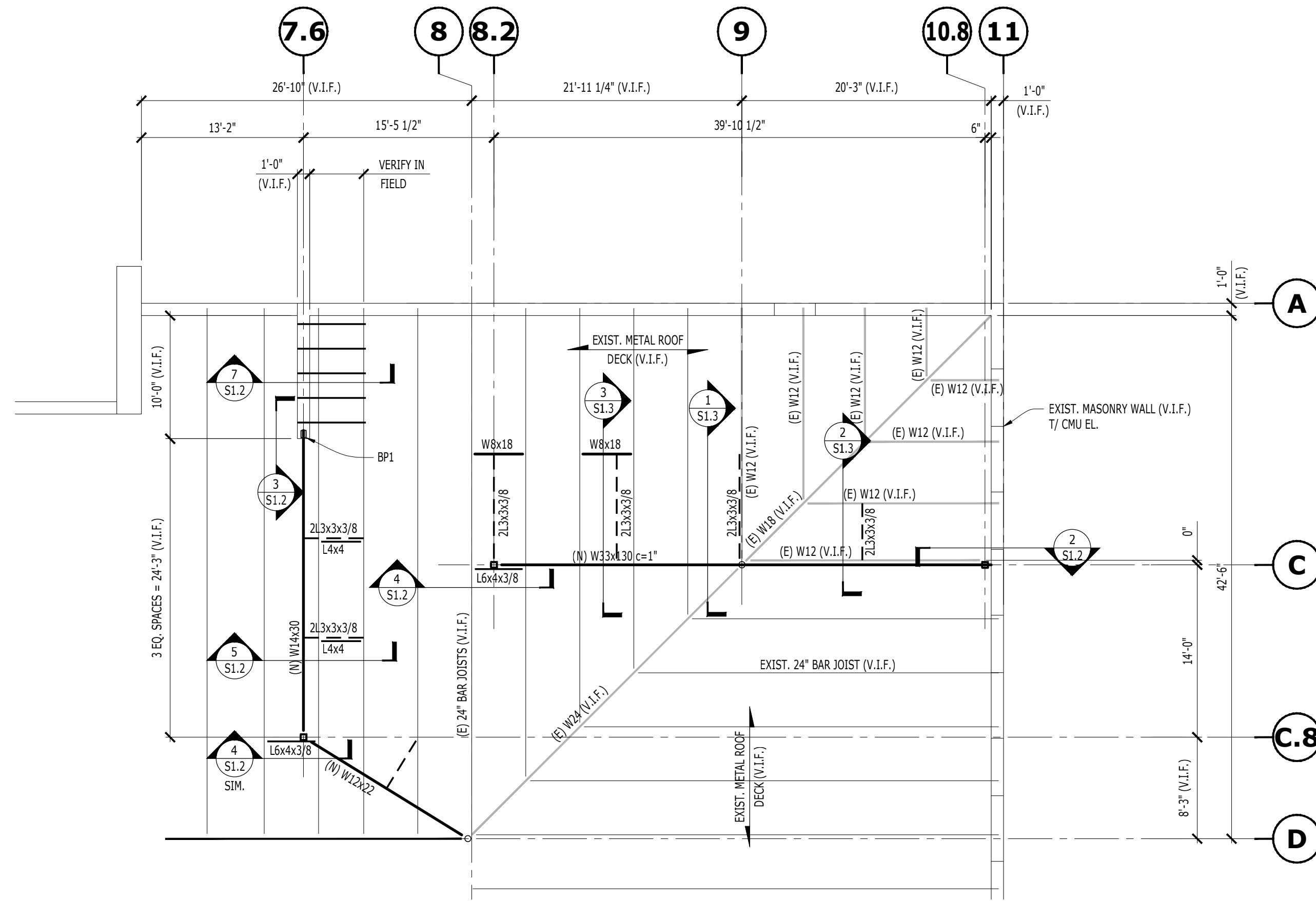
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4



BEARING PLATE SCHEDULE:

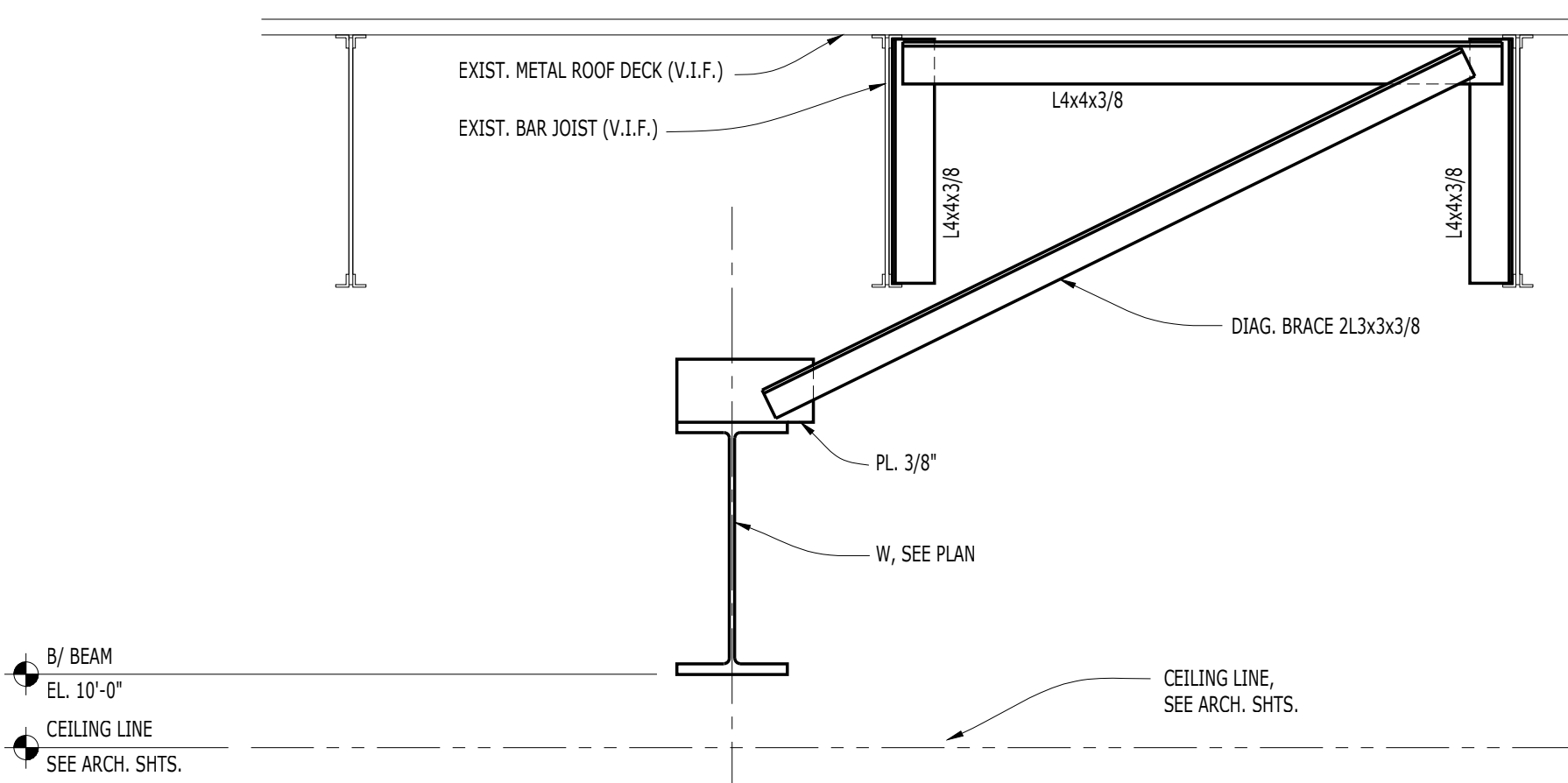
BP1 - PL. 3/4"x7"x7" W/ (2)-1/2"x6" HEADED STUD ANCHORS IN GROUTED CELLS



PARTIAL ROOF FRAMING PLAN

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

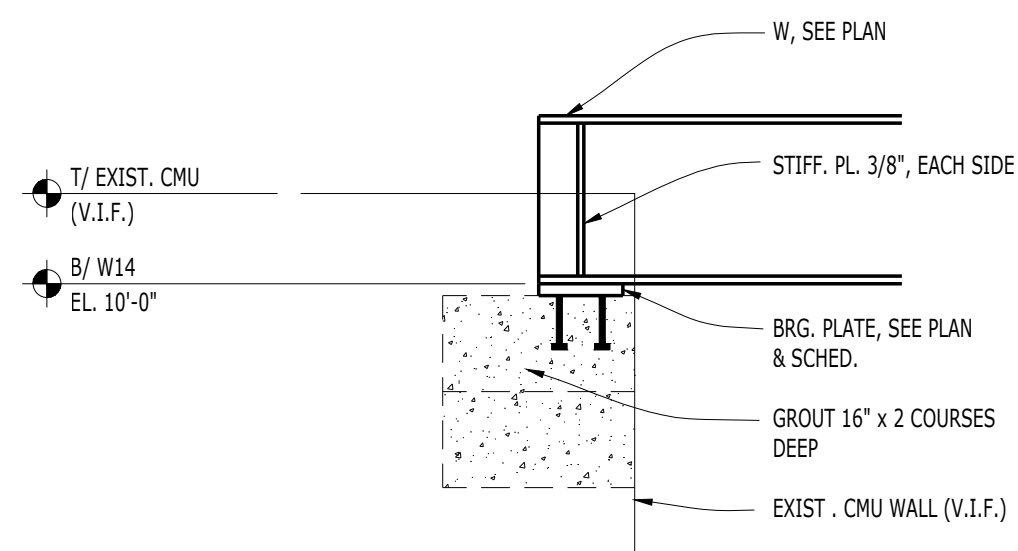
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SECTION

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

5



SECTION

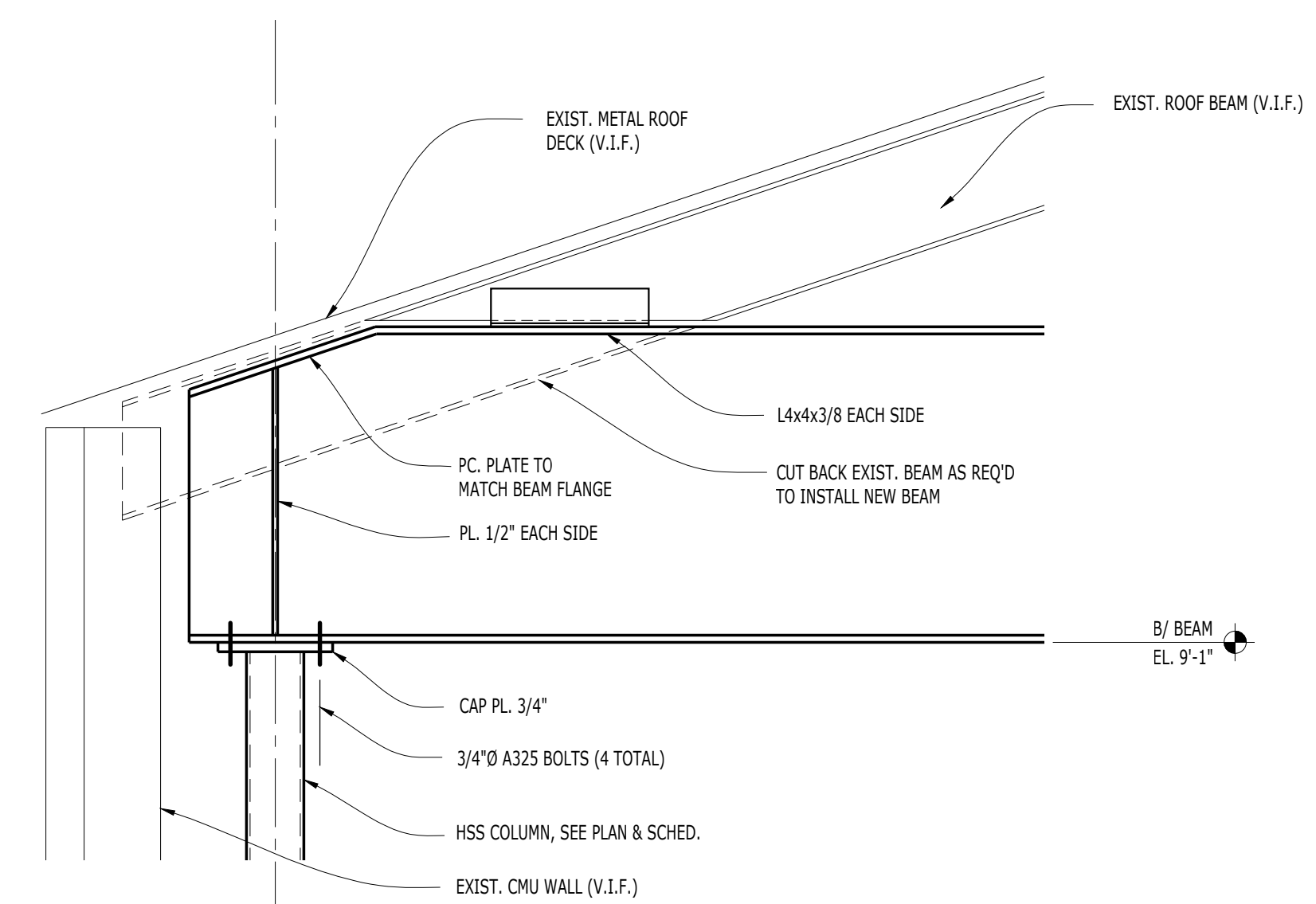
SCALE: 3/4" = 1'-0"

3

SECTION

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

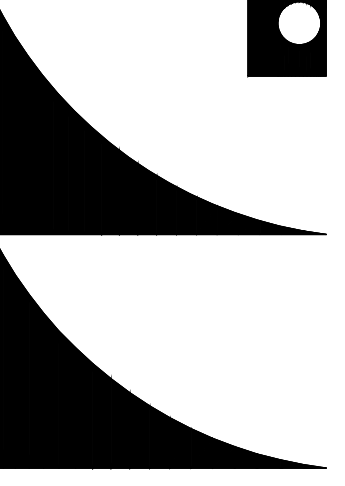
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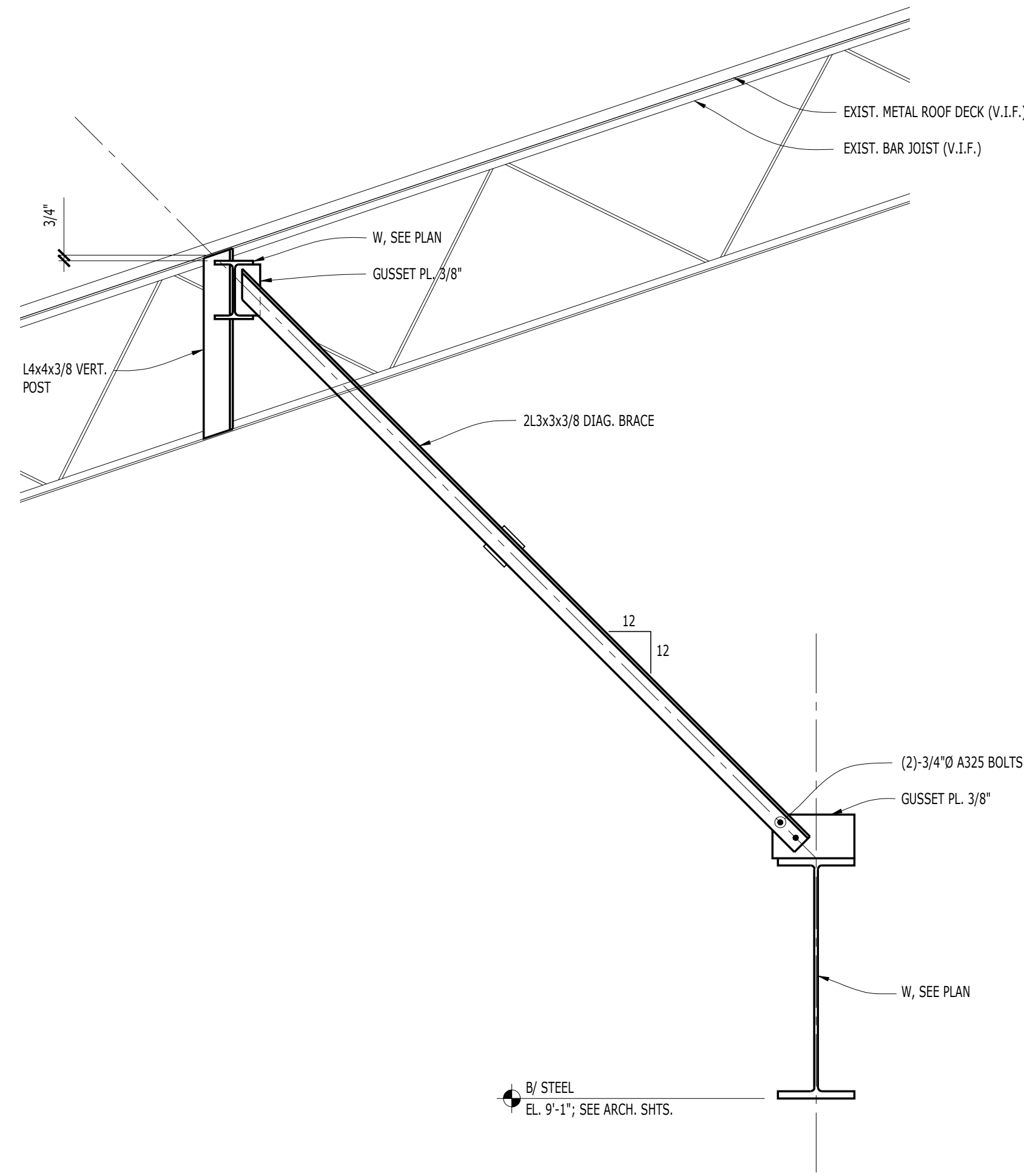
date	15-05-16
drawn	PW
checked	MW
revised	20 SEPT 2016 - ISSUED FOR BID

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ARCHITECTS**
ARCHITECTS PLANNERS
500 Park Boulevard, Suite 800, Itasca, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



PARTIAL ROOF FRAMING PLAN

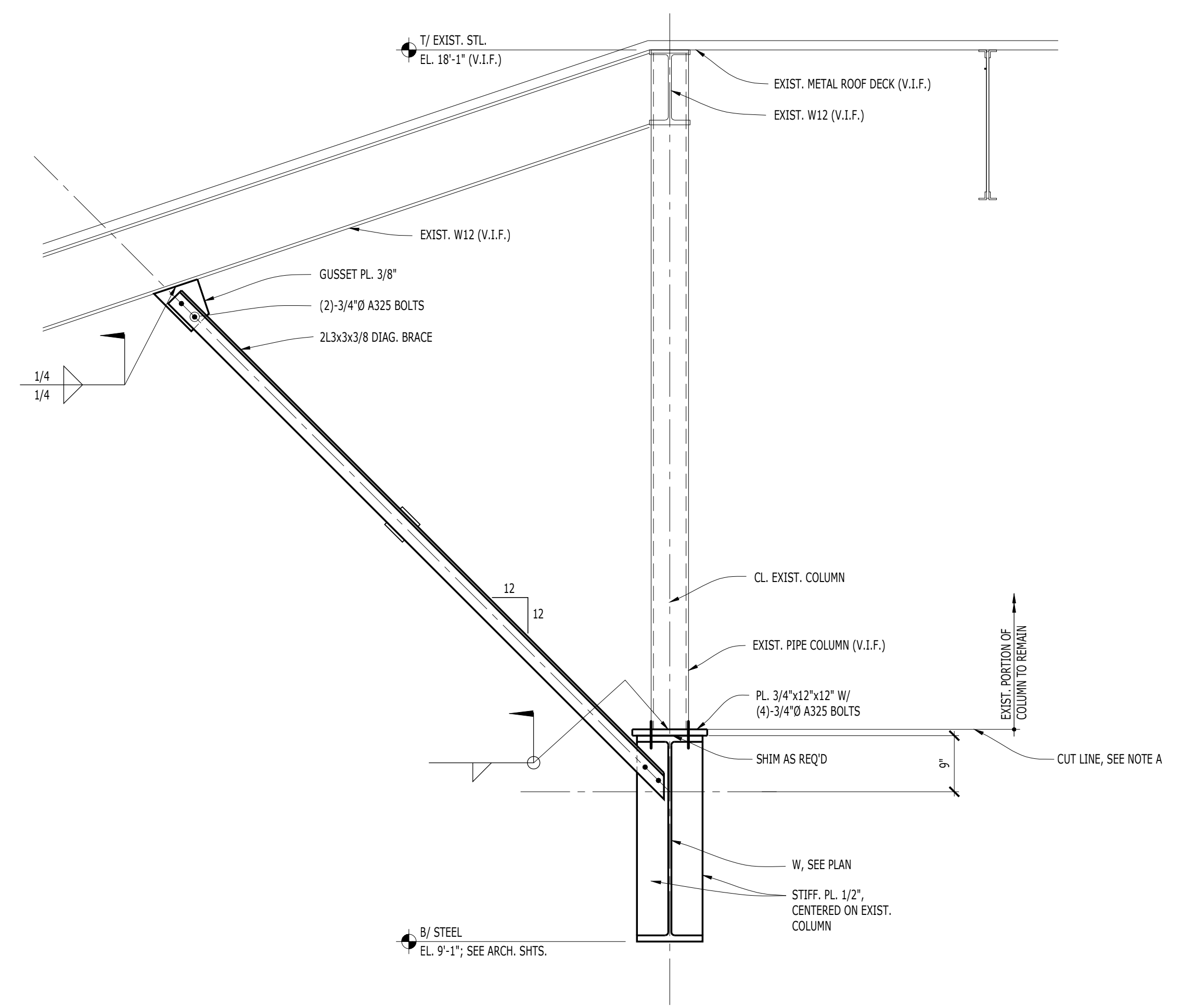
S1.2



SECTION

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

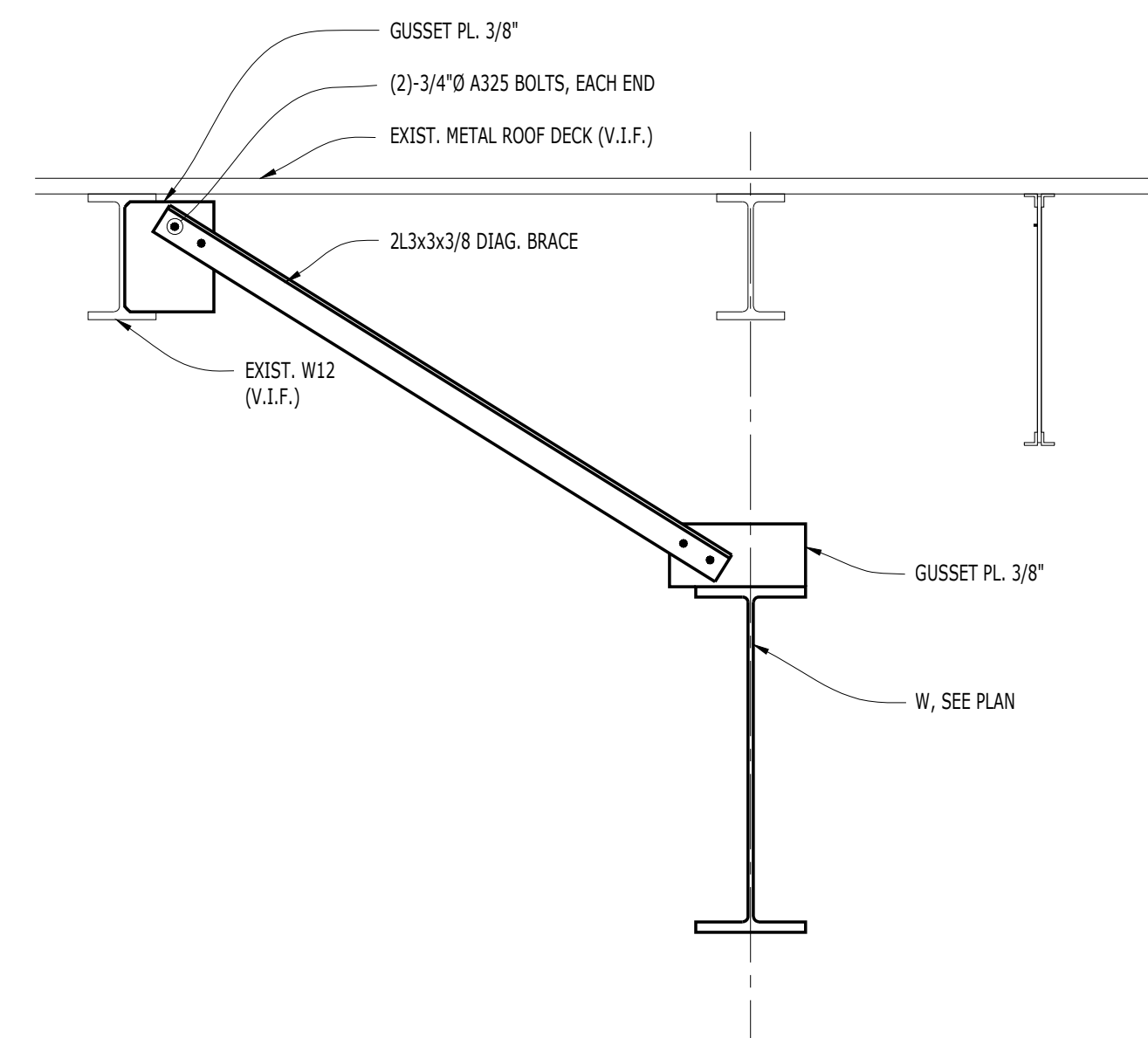
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SECTION

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

1



SECTION

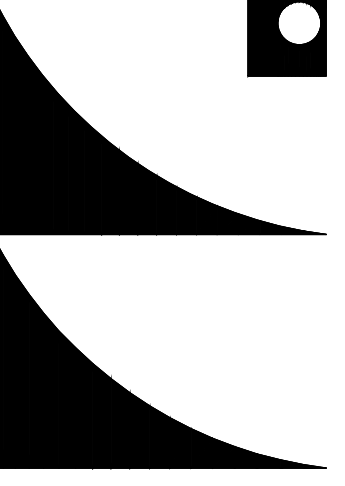
SCALE: 3/4" = 1'-0"

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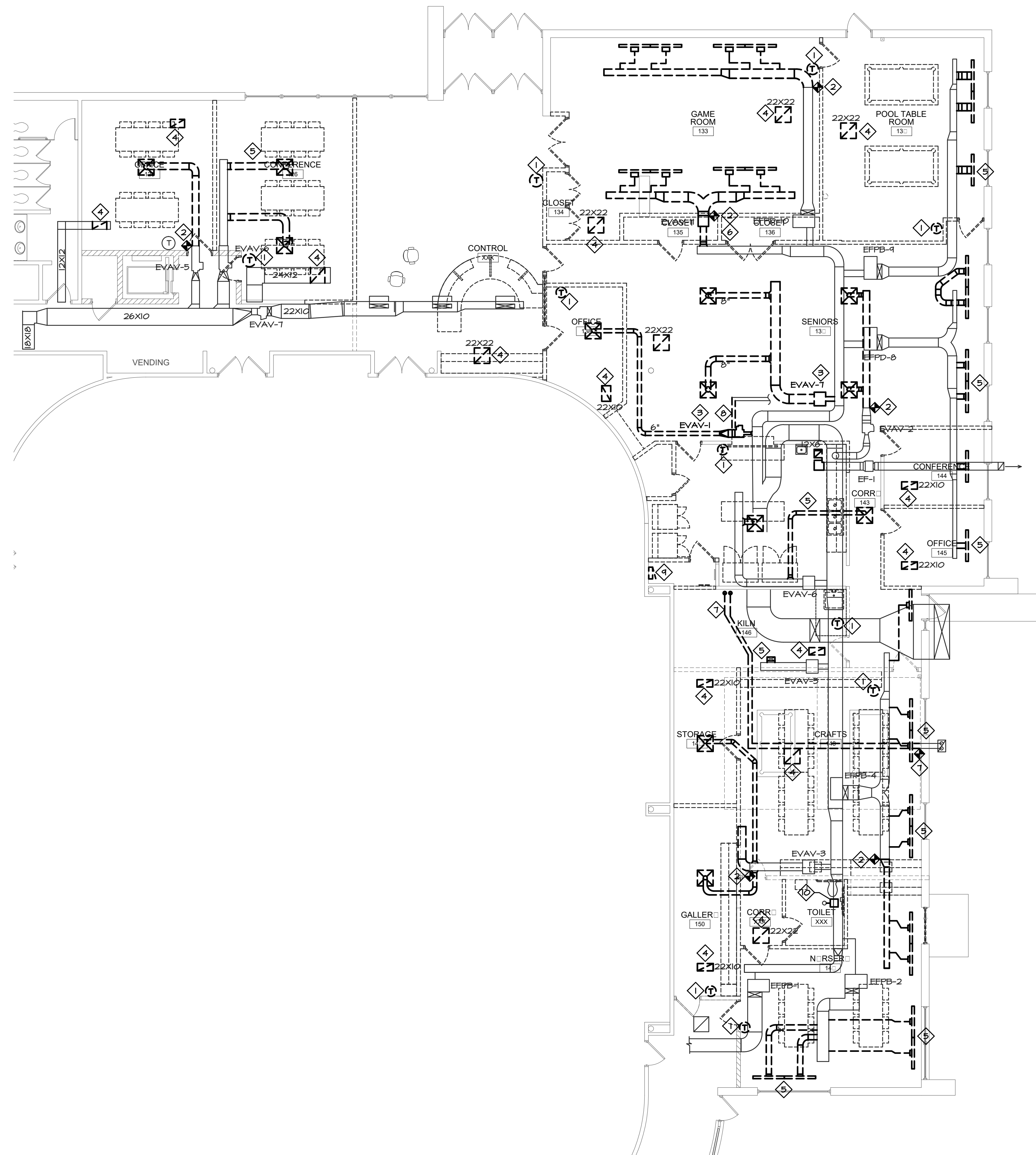
2015-056	
waa no	20 SEPT 2016 - ISSUED FOR BID
date	
drawn	
checked	
revised	

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PARTIAL ROOF
FRAMING PLAN

S1.3

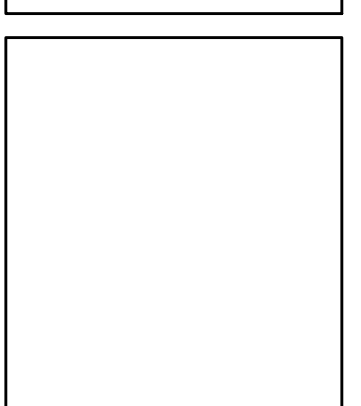


DEMOLITION KEYED NOTES

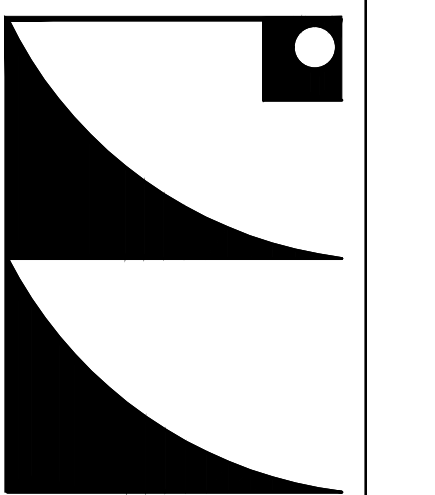
- 1 REMOVE EXISTING THERMOSTAT AND SAVE FOR RELOCATION. SEE NEW WORK PLAN.
- 2 REMOVE SECTION OF EXISTING DUCTWORK AND ASSOCIATED AIR DEVICES. SEE NEW WORK PLAN FOR RE-CONNECTION TO NEW DUCTWORK.
- 3 REMOVE EXISTING VAV BOX AND ALL ASSOCIATED DUCTWORK, DIFFUSERS, SUPPORTS AND CONTROLS. CAP DUCT TAKE-OFF AT MAIN.
- 4 REMOVE EXISTING RETURN AIR GRILLE FROM CEILING.
- 5 REMOVE EXISTING AIR DEVICE AND ASSOCIATED BRANCH DUCT. TYPICAL.
- 6 SAVE EXISTING VAV BOX FOR RELOCATION. SEE NEW WORK PLAN.
- 7 REMOVE KILN VENTING TO LOCATION SHOWN. CAP AT EXTERIOR WALL PENETRATION.
- 8 REMOVE HOT WATER PIPING AT VAV BOX INCLUDING VALVES, GAGES, STRAINERS, ETC. AND SAVE FOR RECONNECTION TO NEW VAV BOX. SEE NEW WORK PLAN.
- 9 RELOCATE EXISTING TEMPERATURE CONTROL PANEL. SEE NEW WORK PLAN FOR NEW LOCATION. EXTEND WIRING AND CONDUIT AS REQUIRED.
- 10 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCT CONNECTION. LEAVE EXHAUST DUCT FOR RECONNECTION TO NEW EXH. FAN. SEE NEW WORK PLAN.

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drawn	MOV, JAT, KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016



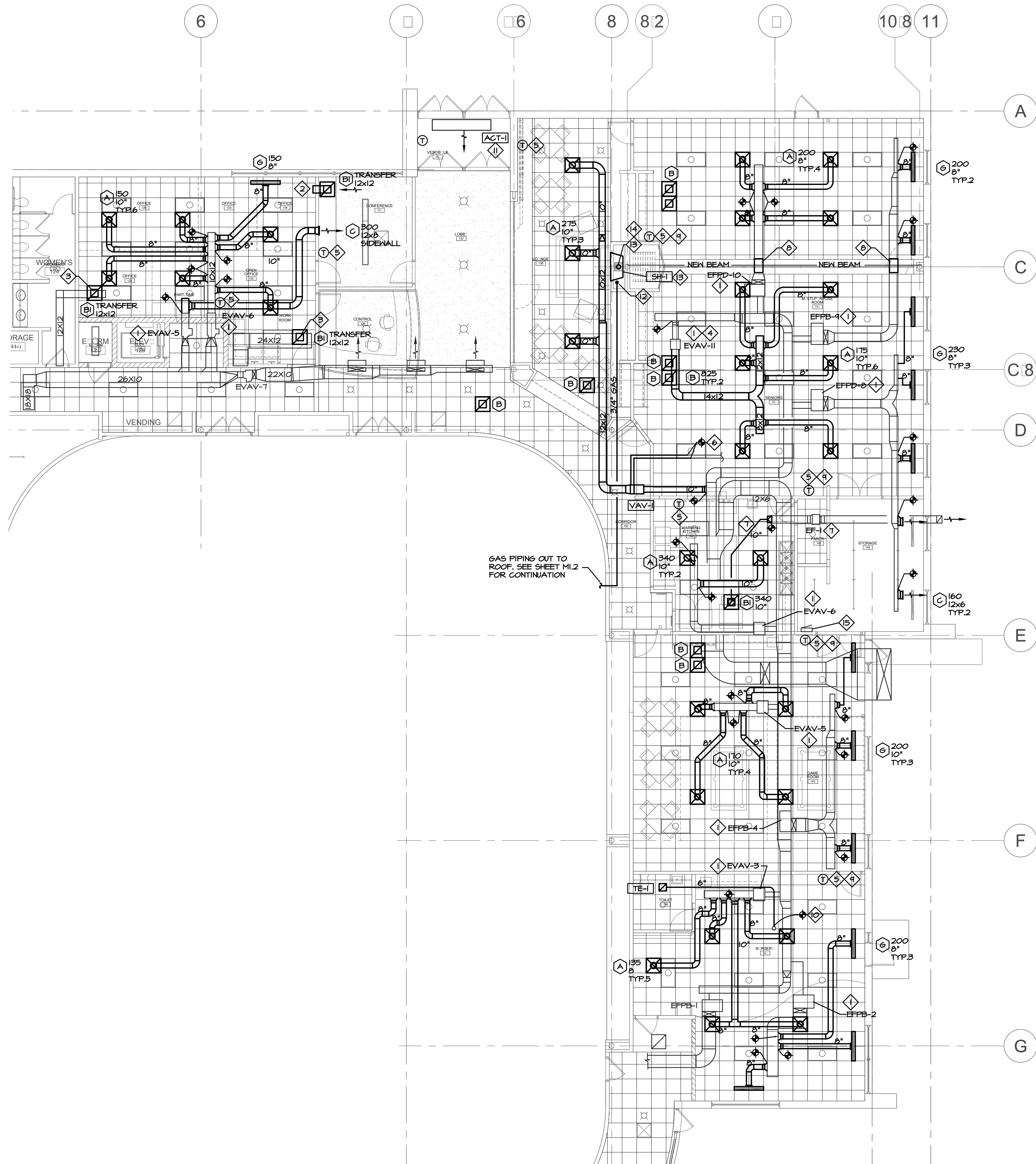
**WILLIAMS
ARCHITECTS**
ARCHITECTS, PLANNERS
600 Park Ridge Avenue, Suite 800, Park Ridge, IL 60143
Phone 630-221-1121 / Fax 630-221-1220



MECHANICAL
DEMOLITION
PLAN

MD1.1

W-T **W-T MECHANICAL/ELECTRICAL ENGINEERING, LLC.**
MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-2-3-6333 FAX: 224-2-3-6444
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NEW WORK KEYED NOTES

1. ADJUST EXISTING VAV BOX TO PROVIDE THE AIRFLOWS SHOWN AS THE MAXIMUM COOLING AIRFLOW. ADJUST THE HEATING AIRFLOW SETPOINT TO 80% OF THE MAX. COOLING AIRFLOW. ADJUST THE MINIMUM COOLING AIRFLOW SETPOINT TO 30% OF THE MAX. COOLING AIRFLOW. ADJUST VAV DAMPER AND PROVIDE ADDITIONAL BAS PROGRAMMING AND WIRING AS REQUIRED FOR PROPER OPERATION. VERIFY PROPER OPERATION OF VAV BOX. NOTIFY ENGINEER OF ANY MAJOR DEFICIENCIES.
2. PROVIDE A 12x12 TRANSFER DUCT FROM CEILING GRILLE THRU WALL ABOVE CEILING.
3. PROVIDE 12x12 DUCT FROM NEW CEILING GRILLE TO EXISTING TRANSFER DUCT.
4. RELOCATED VAV BOX. RECONNECT TO EXISTING MAIN.
5. RELOCATED THERMOSTAT. PROVIDE NEW CONTROL AIR LINES FROM THERMOSTAT TO ASSOCIATED VAV BOX. VERIFY PROPER OPERATION. NOTIFY OWNER OF ANY MAJOR DEFICIENCIES.
6. PROVIDE NEW 3/4" HOT WATER PIPING TO NEW VAV BOX. REUSE EXISTING VALVE TRAIN WITH CONTROL VALVE FROM REMOVED BOX.
7. PROVIDE WALL SWITCH TO CONTROL EXISTING EXHAUST FAN. EXTEND INTAKE DUCTWORK TO NEW CEILING GRILLE. VERIFY PROPER OPERATION OF FAN. NOTIFY OWNER OF MAJOR DEFICIENCIES.
8. OFFSET EXISTING DUCTWORK AS REQUIRED TO CLEAR NEW SUPPORT BEAM ALONG COLUMN LINE C. VERIFY EXTENT OF OFFSET IN FIELD. COORDINATE WITH STRUCTURAL CONTRACTOR.
9. RELOCATED THERMOSTAT SHALL CONTROL TWO (2) VAV BOXES IN SAME ZONE. PROVIDE CONTROL AIR TUBING FROM THERMOSTAT TO BOTH BOXES.
10. ROUTE NEW EXHAUST DUCT FROM FAN TO EXISTING DUCT. VERIFY EXACT SIZE AND LOCATION OF EXISTING DUCT IN FIELD. PROVIDE TRANSITION AS REQUIRED.
11. MECHANICAL CONTRACTOR SHALL CONNECT AIR CURTAIN TO DOOR CONTACTORS. DOOR CONTACTORS PROVIDED AND INSTALLED BY M.C. PROVIDE CONTROL WIRING FROM AIR CURTAIN TO EXISTING BAS TO ALLOW CONTROL BASED ON OUTSIDE AIR TEMPERATURE.
12. PROVIDE GAS PIPING TO NEW SPACE HEATER WITH REGULATOR, GAS COCK AND FLEXIBLE CONNECTOR. VERIFY EXACT LOCATION OF HEATER CONNECTION IN THE FIELD. INSTALL PER MFR. RECOMMENDATIONS. ROUTE CONCEALED IN WALL.
13. PROVIDE NEW SPACE HEATER. SEE SCHEDULE ON SHEET M2.0. PROVIDE VENTING FROM NEW SPACE HEATER, AND ROUTE UP THRU ROOF. VENTING SHALL BE DOUBLE WALL 4"/1" AS MFR. BY THE FOLLOWING: WOLF STEEL "DURAVENT"; AMERICAN METAL "AMERIVENT"; SELKIRK "DIRECT TEMP"; METAL-FAB "SUPERSEAL". INSTALL PER MFR. RECOMMENDATIONS.
14. INSTALL BLOWER FOR NEW SPACE HEATER VENTING. BLOWER SHALL BE SUPPLIED BY THE HEATER MFR. INSTALL PER MFR. RECOMMENDATIONS.
15. RELOCATE EXISTING TEMPERATURE CONTROL PANEL TO HERE. EXTEND ASSOCIATED WIRING AND CONDUIT TO NEW LOCATION AS REQUIRED. VERIFY PROPER OPERATION OF ALL ASSOCIATED DEVICES AFTER RELOCATION. VERIFY EXACT LOCATION OF PANEL WITH THE ARCHITECT.

TEMPERATURE CONTROL ALTERNATES

PROVIDE AN ALTERNATE PRICE FOR A TEMPERATURE CONTROLS CONTRACTOR TO COMMISSION THE EXISTING CONTROLS SYSTEM THAT IS OUTSIDE THE SCOPE OF THIS RE-MODELING PROJECT. COMMISSIONING SHALL INCLUDE THE FOLLOWING WORK:

- VERIFY ALL DAMPERS AND ASSOCIATED MOTORS ARE OPERATING PROPERLY (I.E. OUTSIDE AIR INTAKES, VAV BOXES, RETURN AIR DAMPERS, ETC.). VERIFY AND LIST THE CURRENT SETPOINTS OF DAMPERS (I.E. MIN. OUTDOOR AIR INTAKE, ECONOMIZER SETTINGS, NIGHT SETBACK SETTINGS, ETC.). PROVIDE A UNIT PRICE TO REPLACE ANY MALFUNCTIONING DAMPERS/MOTORS
- VERIFY ALL SENSORS ARE OPERATING PROPERLY (I.E. OUTDOOR AIR TEMPERATURE, SPACE TEMPERATURE, DUCT STATIC PRESSURE, CO2, ETC.). PROVIDE A UNIT PRICE TO REPLACE ANY MALFUNCTIONING SENSORS
- VERIFY ALL HOT WATER CONTROL VALVES ARE OPERATING PROPERLY (I.E. AHU COILS, VAV BOXES, UNIT HEATERS, CABINET HEATERS ETC.). PROVIDE A UNIT PRICE TO REPLACE ANY MALFUNCTIONING VALVES.
- VERIFY ALL THERMOSTATS ARE OPERATING PROPERLY. PROVIDE A UNIT PRICE TO REPLACE ANY MALFUNCTIONING THERMOSTATS.
- VERIFY ALL VARIABLE FREQUENCY DRIVES ARE OPERATING PROPERLY (I.E. AHU SUPPLY AND RETURN FANS, EXHAUST FANS, ETC.). PROVIDE A UNIT PRICE TO REPLACE ANY MALFUNCTIONING VFDS.
- VERIFY ALL PACKAGED ROOFTOP UNITS ARE TIED INTO THE TEMPERATURE CONTROL SYSTEM (TCS) AND ARE OPERATING PROPERLY. PROVIDE A UNIT PRICE TO REPLACE TO CONNECT ROOFTOP UNITS TO TCS.
- VERIFY THE EXISTING SETBACK PROGRAMMING FOR EXISTING AHUS AND RTUS AND LIST THE CURRENT SETPOINTS OF EACH. PROVIDE A UNIT PRICE FOR SCHEDULING OF ANY UN-SCHEDULED UNITS.
- PROVIDE A SEPARATE COST TO PROVIDE "TRANE ACTIVE MONITORING" OF THE EXISTING TCS. CONTACT TRANE SERVICES AT THE FOLLOWING LINK: [HTTP://WWW.TRANE.COM/COMMERCIALNORTH-AMERICA/EN/CONTACT-US/TRANE-BUILDING-ADVANTAGE-FORM.HTML](http://www.trane.com/commercial/north-america/us/en/contact-us/trane-building-advantage-form.html)

PROVIDE AN ALTERNATE PRICE FOR INTEGRATING THE EXISTING HOT WATER BOILER CONTROLS INTO THE EXISTING TEMPERATURE CONTROL SYSTEM. THE EXISTING BOILER IS A LOCHINVAR MODEL GEN146. THE TCS SHOULD ALLOW START-STOP SCHEDULING OF BOILER, SUPPLY TEMPERATURE SETPOINT POINT ADJUSTMENT AND OUTDOOR AIR RESET SCHEDULING, ALARM MONITORING AND STATUS.

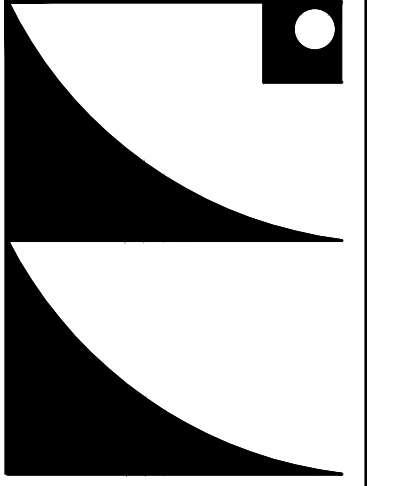


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 MECHANICAL AND ELECTRICAL ENGINEERS
 2615 Prato Avenue
 Hoffman Estates, Illinois 60112
 PH: 224-23-6333 FAX: 224-23-6444
 www.wt-engineer.com
 IL License No.: 184-004512 EX: 04/30/2013

**HOFFMAN ESTATES PARK DISTRICT
 TRIPHAHN CENTER
 1685 WEST HIGGINS ROAD
 HOFFMAN ESTATES, IL 60169**

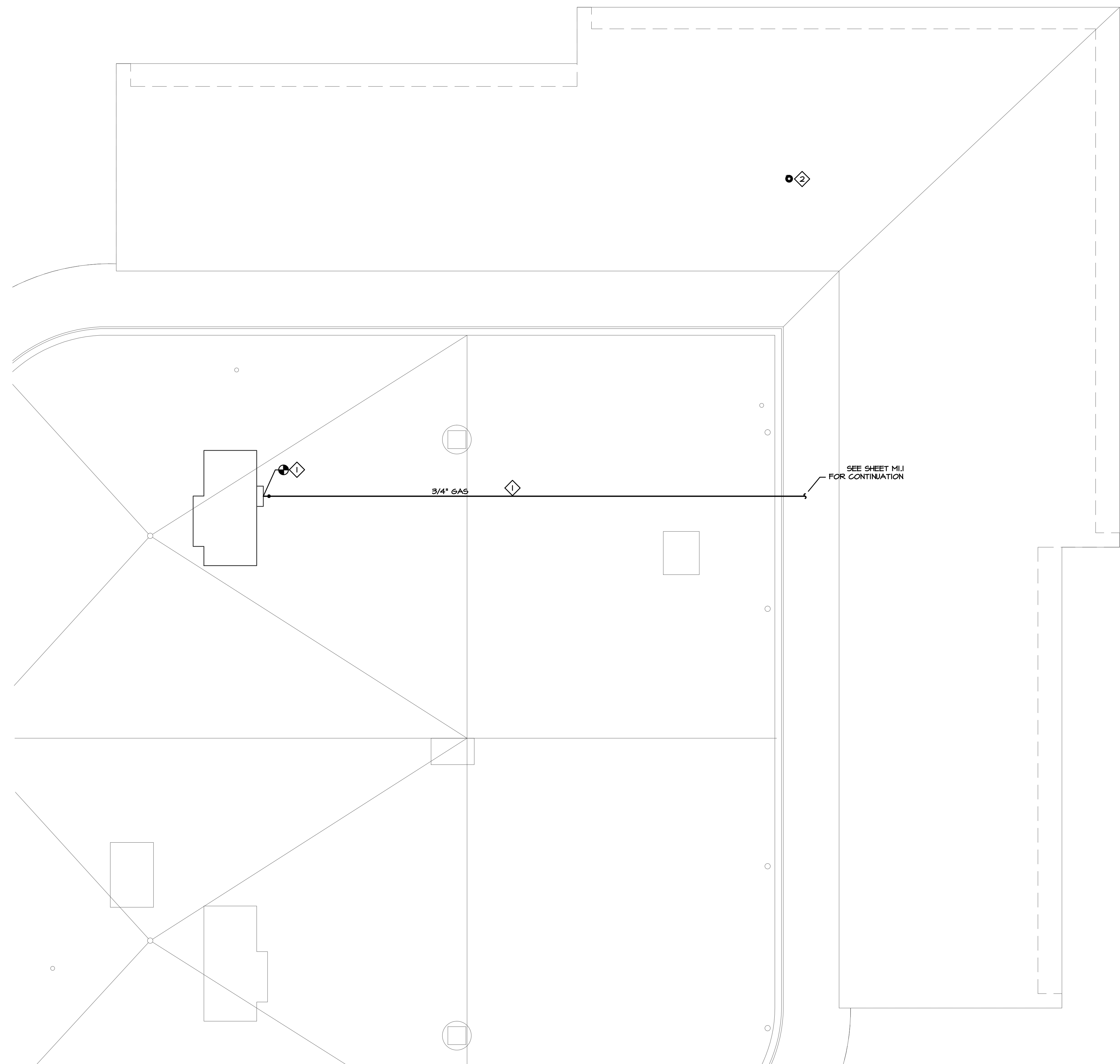
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drawn	MOV. JAT. KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016

WILLIAMS ARCHITECTS
 ARCHITECTS PLANNERS
 600 Park Ridge Avenue, Suite 800, Northbrook, IL 60062
 Phone 630-221-1121 Fax 630-221-9220



MECHANICAL PLAN

M1.1



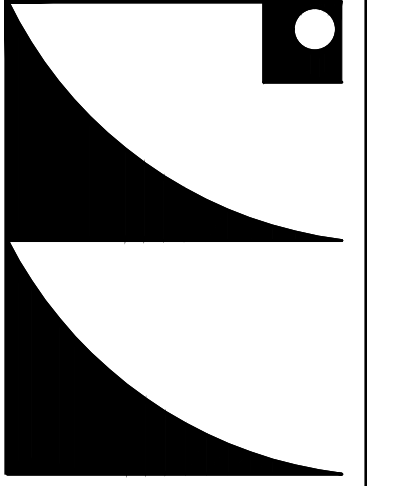
NEW WORK KEYED NOTES

- 1. PROVIDE NEW GAS PIPING FROM EXISTING GAS PIPING AT ROOFTOP UNIT. PROVIDE NEW TEE AND GAS COCK. ROUTE ACROSS ROOF AND THRU PARAPET WALL INTO CEILING SPACE BELOW. SEAL WALL PENETRATION WEATHER TIGHT. VERIFY EXACT LOCATION OF EXISTING GAS PIPING IN FIELD. PROVIDE GAS PIPING SUPPORTS EQUAL TO "DURA-BLOCK" BY COOPER INDUSTRIES. MAX SPACING PER INTERNATIONAL FUEL GAS CODE.
- 2. PROVIDE GAS VENT TERMINATION FOR SPACE HEATER PER MFR. RECOMMENDATIONS. MECHANICAL CONTRACTOR TO PROPERLY FLASH VENT IN EXISTING STANDING SEAM METAL ROOF. FOLLOW SMAGNA GUIDELINES.

**HOFFMAN ESTATES PARK DISTRICT
TRIPHAWN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

was no	2015-056
date	09/20/2016
drawn	MOV, JAT, KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016

**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
600 Park Ridge Road, Suite 800, Itasca, IL 60143
Phone 630-221-1121 / Fax 630-221-1220



MECHANICAL
ROOF PLAN

M1.2



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**W-T MECHANICAL/ELECTRICAL
ENGINEERING, LLC.**
MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60122
PH: 224-2-3-6333 FAX: 224-2-3-6444
www.wt-engineer.com
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HOT-WATER VAV TERMINAL BOX SCHEDULE													
TAG	MANUFACTURER & MODEL NUMBER	DESIGN CFM	MINIMUM COOLING CFM	MINIMUM HEATING CFM	INLET SIZE	AVE. E.A.T.	AVE. L.A.T.	COIL ROWS	GPM	PRESS. LOSS	HTG. MEH	WEIGHT LBS.	REMARKS
VAV-1	TITUS #FESV	825	250	660	10"	55°F.	45°F.	2	1.8	3.12'	21.4	45	ALL

REMARKS:

- PROVIDE FLANGED OUTLET CONNECTIONS
- PROVIDE PNEUMATIC CONTROLLER AND BOTTOM HN INLET ON COIL.
- REFER TO PLANS FOR LEFT OR RIGHT SIDE ACCESS.
- SEE DETAILS FOR DUCT AND PIPING CONNECTIONS.

AIR DEVICE SCHEDULE				
ITEM TAG	MANUFACTURER AND MODEL NUMBER	TYPE	DESCRIPTION	REMARKS
A	"TITUS" #OMNI	24"x24" LAYIN DIFFUSER	PLAQUE FACE SUPPLY CEILING DIFFUSER	1, 2, 3
B	"TITUS" #XP	24"x24" LAYIN RETURN PANEL	PERFORATED RETURN CEILING DIFFUSER FOR NON-DUCTED RETURN	3
B1	"TITUS" #PAR	24"x24" LAYIN RETURN	PERFORATED RETURN CEILING DIFFUSER FOR DUCTED RETURN	1, 2, 3
C	"TITUS" #30ORS	SUPPLY REGISTER	DOUBLE DEFLECTION ADJUSTABLE BLADE, STEEL	1, 2, 3
E	"TITUS" #TBD1-30	FLENUM SLOT DIFFUSER	MODULINEAR PATTERN CONTROL, T-BAR WITH INSULATED HOUSING, 48" LONG, (2)-1" SLOTS	1, 2, 3

REMARKS:

- PROVIDE OPPOSED BLADE DAMPERS.
- PROVIDE ADAPTER BOOTS AND INSULATED FLENUM BOXES AS REQUIRED.
- PROVIDE MATTE WHITE FINISH IN LAY-IN AND DRYWALL AREAS. COORDINATE FINISH WITH ARCHITECT.

EXHAUST FAN SCHEDULE									
ITEM TAG	MANUFACTURER AND MODEL NUMBER	CFM	ESP	ELECTRICAL DATA			AREA SERVING	UNIT WEIGHT (LBS)	REMARKS
				VOLT-PH-HZ	HP OR NOTED	RPM			
TE-1	"GREENHECK" #SP-A10	80	0.25"	120-1-60	0.34 AMPS	900	TOILET	15	ALL

REMARKS:

- VERIFY EXACT VOLTAGE PRIOR TO ORDERING EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH AND LINE WIRING.
- PROVIDE BACKDRAFT DAMPER.
- ELECTRICAL CONTRACTOR SHALL INTERLOCK WITH LIGHT SWITCH.

AIR CURTAIN SCHEDULE								
ITEM TAG	MANUFACTURER AND MODEL NUMBER	LENGTH	MAX FPM	MAX CFM	ELECTRICAL DATA		UNIT WEIGHT (LBS)	REMARKS
					VOLT-PH-HZ	AMPS		
ACT-1	"MARS AIR SYSTEMS" #STD246-2EEN-0B	46	4250	2885	208-3-60	72	135	ALL

REMARKS:

- PROVIDE DOOR ACTIVATED MICRO SWITCH FOR AUTOMATIC ON/OFF CONTROL.
- MOUNT TO WALL WITH WALL MOUNTING OPTION
- INSTALL PER MFR. RECOMMENDATIONS.
- MECHANICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED HANGERS AND SUPPORTS.
- PROVIDE WITH 24 KN ELECTRIC HEAT, TEMP. RISE = 26 DEG. F.
- PROVIDE WITH 2 SPEED CONTROL, TIME DELAY, HI-LO HEAT, WALL MOUNTED THERMOSTAT (24V)
- PROVIDE WITH MOTOR STARTER.
- PROVIDE WITH EMS CONTROL ONLY RELAY CONTACT FOR CONNECTION TO BAS.

GAS FIRED SPACE HEATER SCHEDULE									
ITEM TAG	MANUFACTURER AND MODEL NUMBER	HEATING CAPACITY MEH		VENT SIZE	ELECTRICAL DATA			UNIT WEIGHT (LBS)	REMARKS
		INPUT	OUTPUT		VOLT-PH-HZ	AMPS	MOCP		
SH-1	"NAPOLEON" #HD46NT-1	30	24	4"	115-1-60	1.4	15	55	ALL

REMARKS:

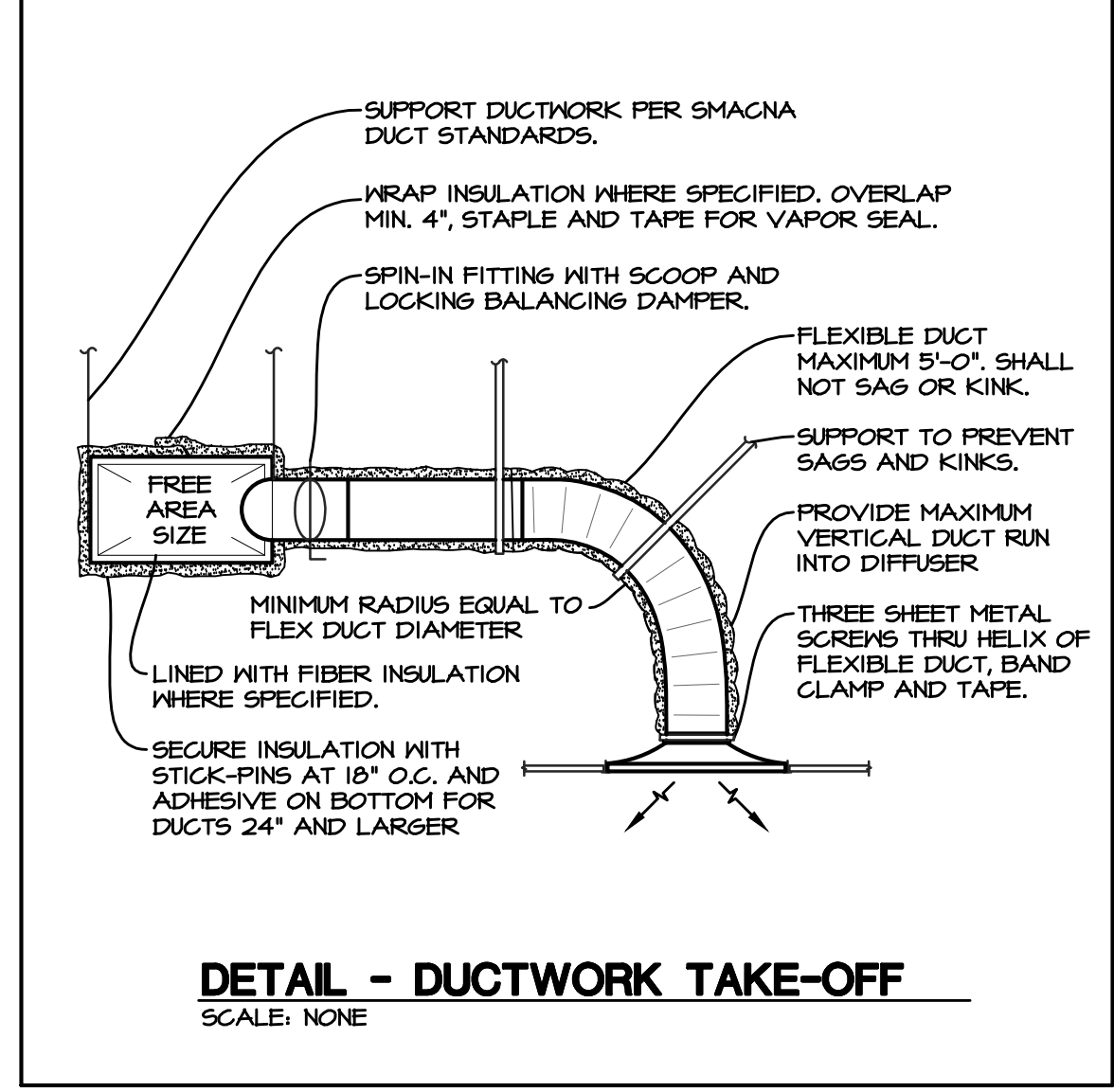
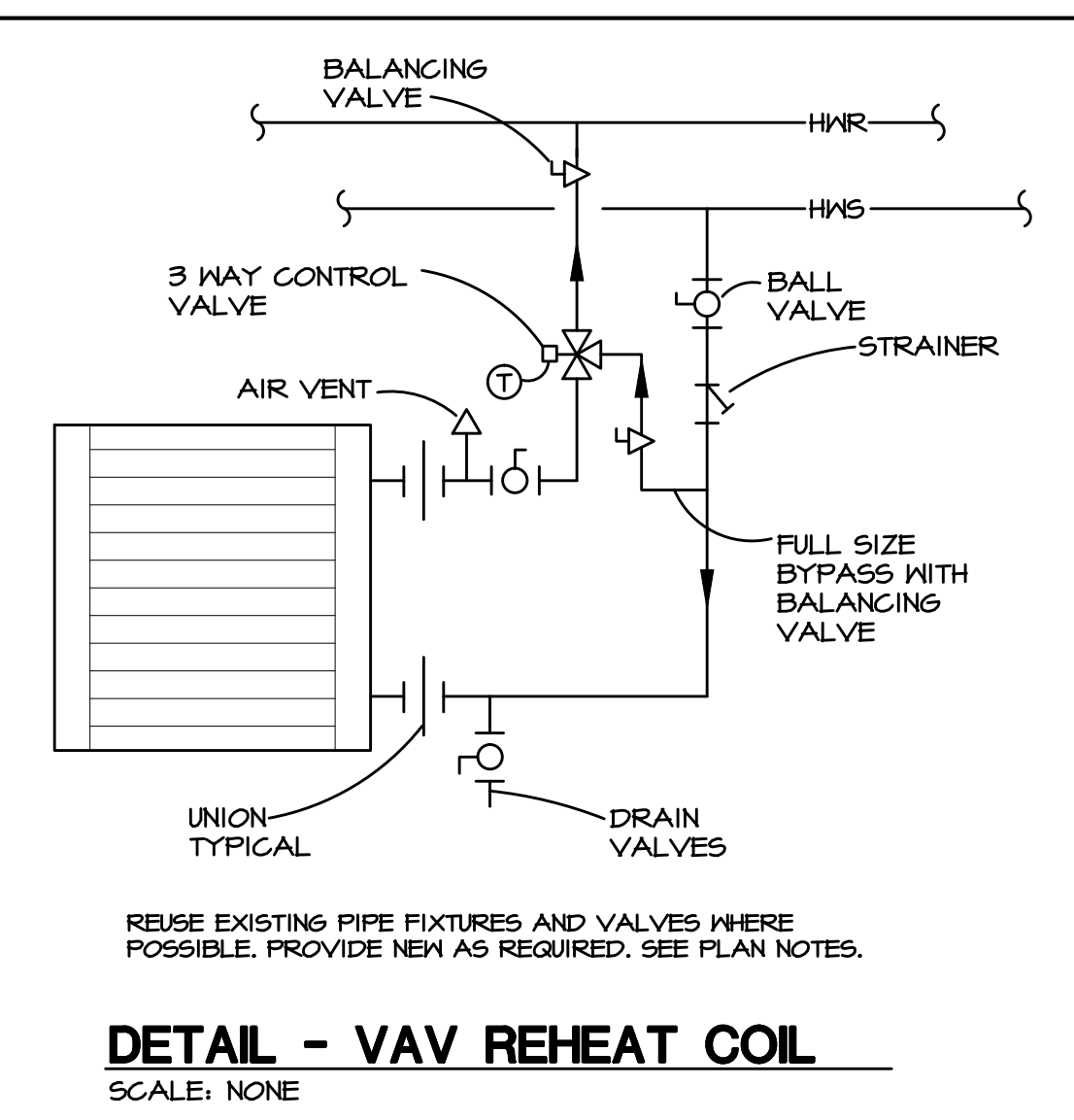
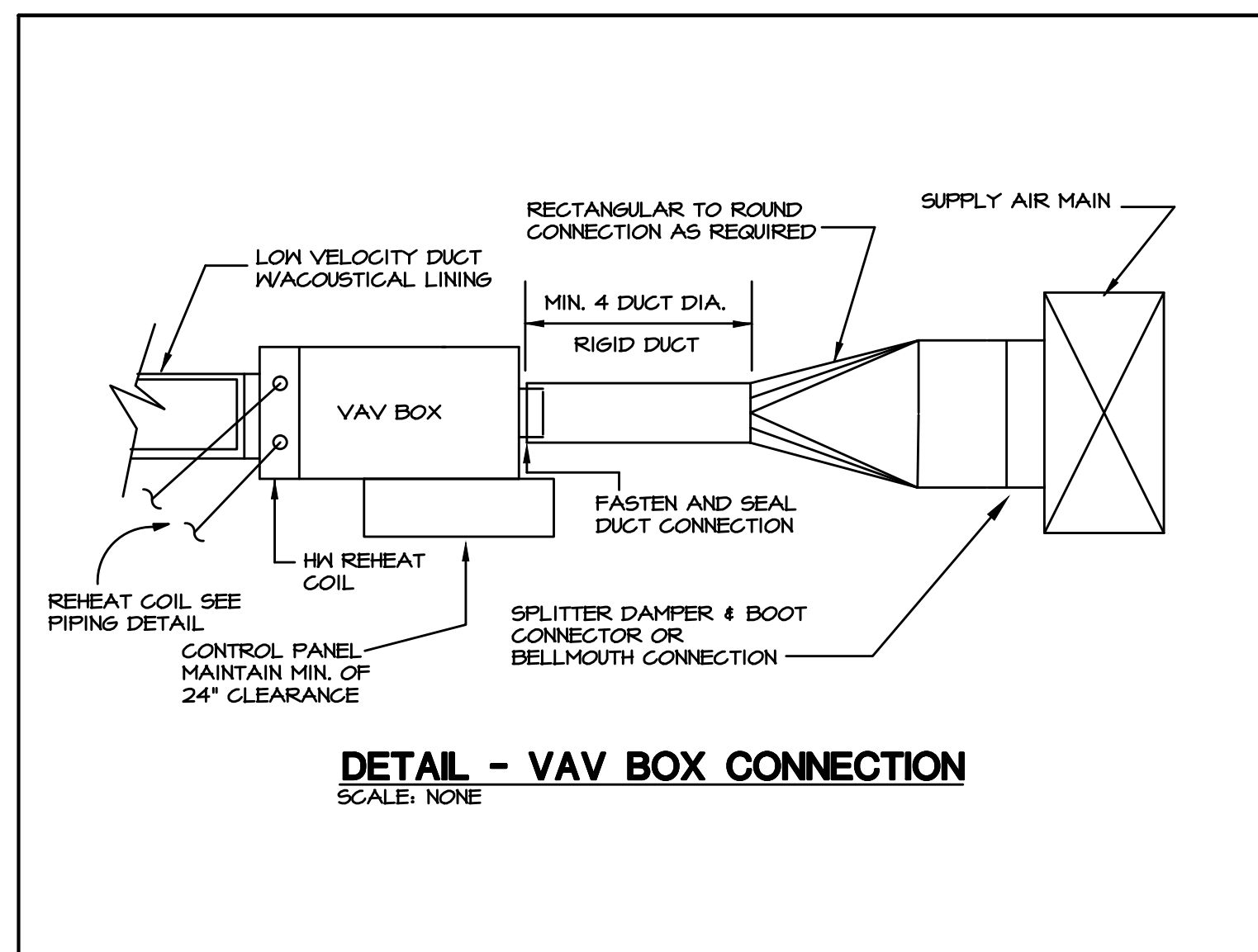
- PROVIDE WITH NATURAL GAS VALVE TRAIN.
- PROVIDE WITH VARIABLE SPEED SWITCH AND THERMAL DISC.
- PROVIDE WITH BLOWER AND BLOWER GASKET
- PROVIDE ROCK MEDIA TRAY
- PROVIDE PORCELAIN SIDE AND REAR PANELS
- PROVIDE SAFETY BARRIER ASSEMBLY & SCREEN
- PROVIDE SAFETY GLASS
- PROVIDE GAS PIPING TO HEATER WITH GAS COCK, UNION, DIRT LEG AND FLEXIBLE CONNECTION. INSTALL HEATER AND ASSOCIATED VENT AND GAS PIPING PER MFR. RECOMMENDATIONS.

MECHANICAL GENERAL NOTES

- ALL ROOFTOP EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH ROOF DRAINS. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT LOCATIONS OF EQUIPMENT.
- THE INSTALLING CONTRACTOR SHALL PROVIDE ROOF CURBS AND LEVELING CURBS TO MATCH THE ROOF PITCH IF REQUIRED. THE ROOFING CONTRACTOR SHALL FLASH ALL CURBS INTO ROOF.
- ALL STRUCTURAL DUCT OPENINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO CUTTING. INDICATE ON 1/4" SHOP DRAWINGS EXACT LOCATION OF OPENINGS COORDINATED WITH STRUCTURAL TRADES. PROVIDE DUCT ROOF CURBS AT ALL DUCT PENETRATIONS THRU ROOF.
- ALL VENTS AND EXHAUSTS SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKES PER LOCAL CODES. PLUMBING VENTS SHALL BE A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE. EXTEND TERMINATION HEIGHT TO PROVIDE A 10'-0" GROSS SECTION CLEARANCE FROM PLUMBING VENTS WHERE NEEDED.
- ALL ROOFTOP EQUIPMENT SHALL BE SET ON EQUIPMENT CURBS OR RAILS. ALL PIPE AND DUCT PENETRATIONS THROUGH THE ROOF SHALL HAVE A WEATHERPROOF CURB OR FLASHING. ALL ROOF FLASHING SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
- MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL FIRE DAMPERS IN DUCTWORK AND FIRESTOP ALL PIPE PENETRATIONS THRU RATED FLOORS, CEILINGS AND WALLS. VERIFY LOCATIONS OF ALL RATED ASSEMBLIES WITH ARCHITECTURAL PLANS. FIRE DAMPERS SHALL BE IN ACCORDANCE WITH UL 555. MECHANICAL PLANS MAY NOT SHOW LOCATIONS OF ALL REQUIRED FIRE DAMPERS.
- SEAL ALL PENETRATIONS THRU EXTERIOR WALLS WATER AND WEATHER TIGHT. ALL ROOF FLASHING SHALL BE BY THE ROOFING CONTRACTOR.
- UNLESS SHOWN OTHERWISE ON PLANS, ALL BRANCH TAKE-OFFS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK CONNECTION.
- PROVIDE MANUAL VOLUME DAMPERS AT ALL BRANCH TAKE-OFFS TO AIR DEVICES.
- ALL DOOR UNDERCUTS (DESIGNATED AS 'UC') SHALL BE MINIMUM 3/4".
- UNLESS SHOWN OTHERWISE ON PLANS, PROVIDE SPIRAL DUCTWORK IN ALL EXPOSED CEILING AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMISSION OF HIS BID. THE CONTRACT DOCUMENTS INDICATE APPROXIMATE LOCATION OF EXISTING DUCTWORK AND PIPING AND ARE DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL LOCATION AND ROUTING OF THE EXISTING DUCTS AND PIPING.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF ALL OTHER TRADES AND MAKING ANY NECESSARY MODIFICATIONS TO HIS WORK AT NO ADDITIONAL COST, INCLUDING ALL OFFSETS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF ANY EXISTING MINOR INTERFERENCES, INCLUDING CONDUIT, HANGERS, SPRINKLER PIPING AND SPRINKLER HEADS AT NO ADDITIONAL COST.
- CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED TO COMPLETE THE WORK, INCLUDING MOVING AND RIGGING OF MATERIAL AND EQUIPMENT, ALL HANGER, SUPPORTS, ANCHORS, EXPANSION MEANS, FITTINGS AND SLEEVES.
- HVAC CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING OF BUILDING MATERIALS AS REQUIRED FOR INSTALLATION OF HIS WORK AND PROVIDE ALL HOLES AND SLEEVES FOR INSTALLATION OF MECHANICAL WORK.
- ALL NEW GAS PIPING EXPOSED TO THE OUTDOORS SHALL BE CLEANED AND PAINTED WITH BLACK EPOXY PAINT FOR CORROSION PROTECTION PER IF6C.
- INSTALL NEW GAS PIPING ON CHAIR ON ROOF.

MECHANICAL LEGEND

- NEW DUCTWORK AND AIR DEVICES TO MATCH EXISTING.
- EXISTING DUCTWORK AND AIR DEVICES TO REMAIN. CLEAN AND RECONDITION AS REQUIRED.
- EXISTING DUCTWORK AND AIR DEVICES TO BE REMOVED.
- ⊕ THERMOSTAT
- ⊙ SENSOR (REMOTE TEMPERATURE SENSOR UNLESS OTHERWISE NOTED)
- ⊞ TAKEOFF WITH MANUAL VOLUME DAMPER
- LOCKABLE MANUAL VOLUME DAMPER (MVD)
- FD FIRE DAMPER
- A.F.F. ABOVE FINISHED FLOOR
- B.F.C. BELOW FINISHED CEILING
- M.V.D. LOCKABLE MANUAL VOLUME DAMPER
- W.C. INCHES OF WATER COLUMN
- U.C. UNDER CUT DOOR, 3/4"
- U.T.R. UP THROUGH ROOF
- ⊕ NEW TO EXISTING CONNECTION
- ⊕ DEMO BREAK POINT. DEMO BACK TO THIS POINT
- RT-1 EQUIPMENT TAG
- ⊕ (CFM) (SIZE) NEW AIR DEVICE TAG



HOFFMAN ESTATES PARK DISTRICT
TRIPHAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169

was no 2015-056
date 09/20/2016
drawn MOV, JAT, KJS
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WILLIAMS ARCHITECTS
ARCHITECTS PLANNERS
600 Park East, Suite 800, Hoffman, IL 60143
Phone 630-221-1212 Fax 630-221-1220



W-T MECHANICAL/ELECTRICAL ENGINEERING, LLC.
MECHANICAL AND ELECTRICAL ENGINEERS

2635 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-234-6333 FAX: 224-234-6444
www.wt-engineer.com

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MECHANICAL SCHEDULES AND DETAILS

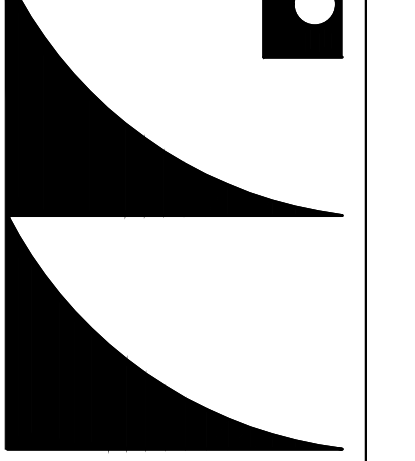
M2.0

VENTILATION SCHEDULE																											
ROOM TAG	ROOM NAME	OCCUPANCY CLASSIFICATION	FLOOR AREA (FT ²)	CEILING HEIGHT (FT)	NUMBER OF PEOPLE/UNITS	IMC 200 TABLE						IMC 2012 REQUIREMENTS					ACTUAL					REMARKS	EQUIPMENT				
						OCCUPANT DENSITY (/1000 FT ²)	OCCUPANT OUTDOOR AIRFLOW RATE (CFM/PERSON)	OCCUPANT OUTDOOR AIRFLOW RATE (ACH)	AREA OUTDOOR AIRFLOW RATE (CFM/FT ²)	EXHAUST AIRFLOW RATE (CFM/PERSON)	EXHAUST AIRFLOW RATE (CFM/FT ²)	EXHAUST AIRFLOW RATE (CFM)	TOTAL OCCUPANTS	TOTAL OCCUPANT OA CFM	TOTAL AREA OA CFM	TOTAL OA CFM	TOTAL EA CFM	SUPPLY CFM	OA CFM	RETURN CFM	DIRECT EXHAUST CFM		PRESSURIZATION	SUPPLY FAN	SUPPLY TERMINAL	RETURN FAN	DIRECT EXHAUST FAN
101	OFFICE SPACE	OFFICE SPACES	6.4	□		5	5	0	0.06	0	0	0	4	20	42	65	0	8.5	65	810	0	POSITIVE		AH-1	EVAV-6	AH-1	-
102	CONFERENCE ROOM	CONFERENCE ROOMS	1.0	□		50	5	0	0.06	0	0	10	50	11	65	0	300	65	235	0	POSITIVE		AH-1	EVAV-5	AH-1	-	
103	CONTROL ROOM	OFFICE SPACES	132	□		5	5	0	0.06	0	0	1	5	8	15	0	315	15	300	0	POSITIVE		AH-1	EVAV-3	AH-1	-	
104	VESTIBULE	NO REQUIREMENTS	□	□		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NEUTRAL		-	-	-	-
105	LOBBY	LOBBIES/PREFUNCTION	36	□		30	□5	0	0.06	0	0	12	□0	22	115	0	630	115	515	0	POSITIVE		AH-1	EVAV-3	AH-1	-	
106	LOBBY	BARS, COCKTAIL LOUNGES	604	□		100	□5	0	0.18	0	0	61	458	10	5.0	0	825	5.0	255	0	POSITIVE		AH-1	VAV-1	AH-1	-	
107	SENIOR ROOM	MULTIPURPOSE ASSEMBLY	1.81	□		120	5	0	0.06	0	0	238	11.0	11	1310	0	2850	1310	1540	0	POSITIVE		AH-1	EFPB-10	AH-1	-	
108	WARMING KITCHEN	KITCHENS COOKING	336	□		0	0	0	0	0	0	0	0	0	0	240	680	0	680	260	NEGATIVE		AH-1	EVAV-6	AH-1	EF-1	
109	PANTRY	NO REQUIREMENTS	35	□		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NEUTRAL		-	-	-	-
110	STORAGE	NO REQUIREMENTS	2.0	□		0	0	0	0	0	0	0	0	0	0	0	400	0	400	0	NEUTRAL		AH-1	EFPB-8	AH-1	-	
	GAME ROOM	GAME ROOMS	1005	□		20	□5	0	0.18	0	0	21	158	181	340	0	12.0	340	50	0	POSITIVE		AH-1	EVAV-5	AH-1	-	
	NURSERY	DAIRY CARE THROUGH AGE 4	80	□		25	10	0	0.18	0	0	21	210	146	360	0	14.5	360	1115	0	POSITIVE		AH-1	EVAV-3	AH-1	-	
	TOILET	BATHROOMS PRIVATE, INTERMITTENT	61	□		0	0	0	0	0	50	0	0	0	0	50	0	0	0	100	NEGATIVE		-	-	-	-	
TOTALS			6581		0								368			2840	2.0	640	2840	6800	360						

HOFFMAN ESTATES PARK DISTRICT
TRIPHAWN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169

WAA No	2015-056
Date	09/20/2016
Drawn	MOV. JAT. KJS
Checked	STT
Revised	ISSUED FOR BID 20 SEPT. 2016

WILLIAMS ARCHITECTS
ARCHITECTS PLANNERS
600 Park Ridge Road, Suite 800, Hoffman, IL 60143
Phone 630-221-1121 Fax 630-221-1120

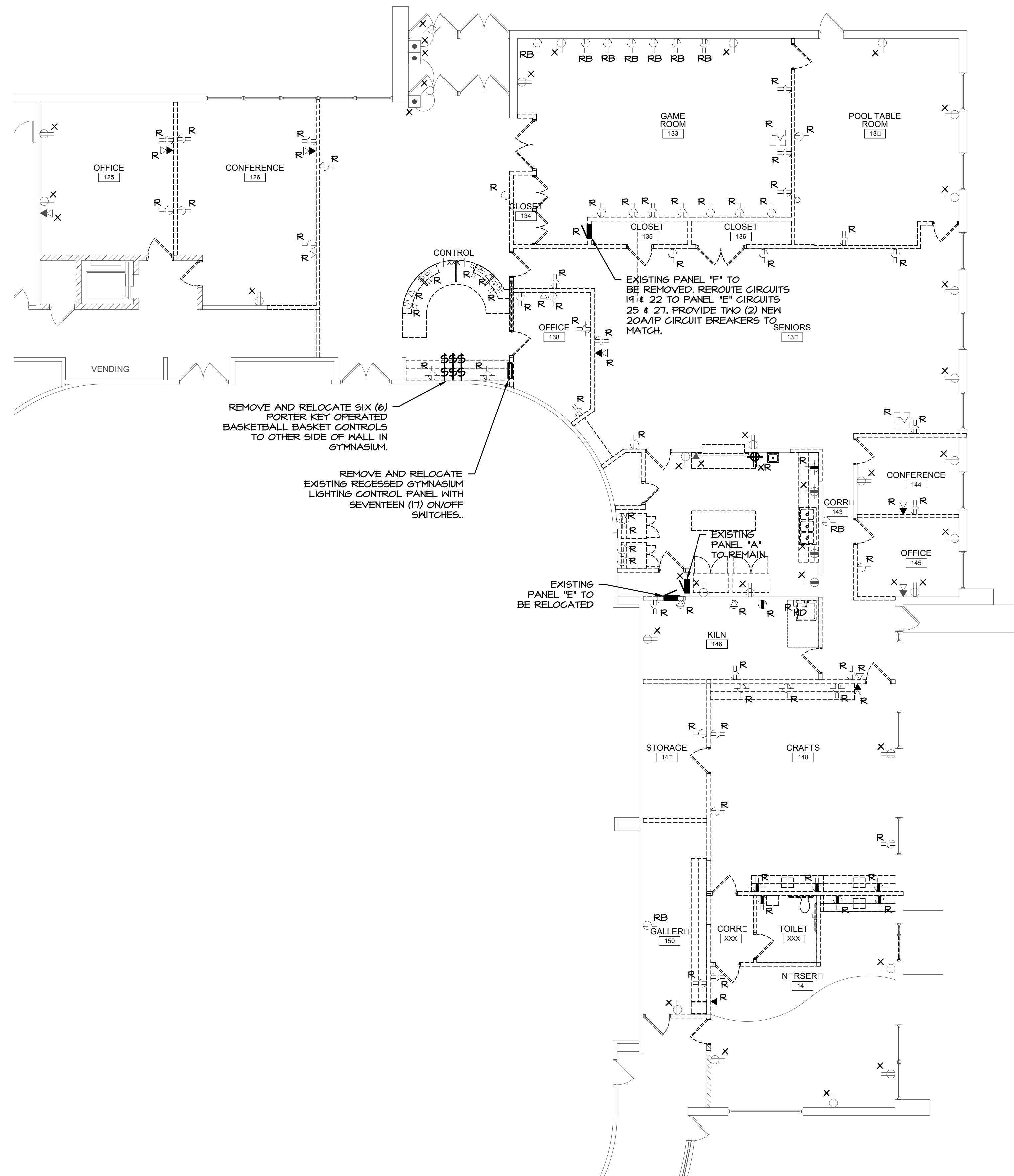


VENTILATION SCHEDULE

M2.1



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MECHANICAL AND ELECTRICAL ENGINEERS
26.5 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224.2.3-6333 FAX: 224.2.3-6444
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- R EXISTING TO BE REMOVED
- RB REMOVE EXISTING, INSTALL BLANK-UP PLATE
- X EXISTING TO REMAIN
- XR EXISTING, REMOVE AND REPLACE WITH NEW DEVICE AND FINISH PLATE
- XRR EXISTING, REMOVE AND RELOCATE
- XRN EXISTING, RELOCATED, NEW LOCATION
- XN EXISTING LOCATION, NEW DEVICE AND FINISH PLATE

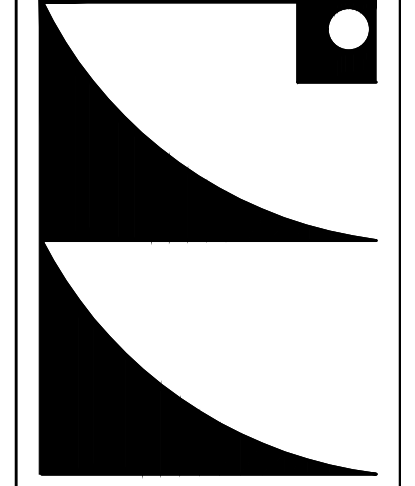
DRAWING LEGEND

SCALE: NONE **1**

**HOFFMAN ESTATES PARK DISTRICT
TRIPHAWN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

date	2015-05-06
drawn	MOV, JAT, KJS
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**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
630 Park Ridge Road, Suite 600, Hoffman Estates, IL 60113
Phone 630-221-1121 / Fax 630-221-1220



ELECTRICAL
POWER
DEMOLITION
PLAN

ED1.1

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MECHANICAL AND ELECTRICAL ENGINEERS
2615 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-23-6333 FAX: 224-23-6444
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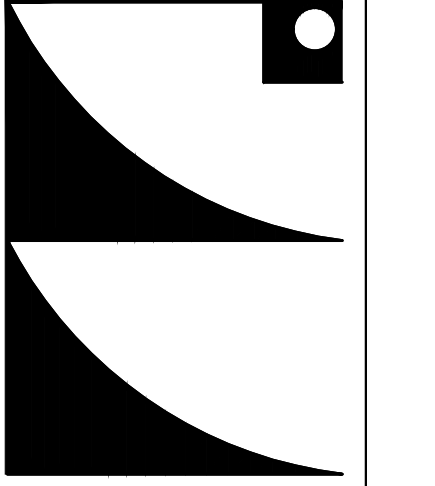
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- XRR EXISTING, REMOVE AND RELOCATE
- XRN EXISTING RELOCATED, NEW LOCATION
- XN EXISTING LOCATION, NEW DEVICE AND FINISH PLATE

DRAWING LEGEND

SCALE: NONE **1**

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**WILLIAMS
ARCHITECTS**
ARCHITECTS, PLANNERS
600 Park East, Suite 800, Hoffman, IL 60143
Phone 630-221-1217 Fax 630-221-1220



ELECTRICAL
LIGHTING
DEMOLITION
PLAN

ED1.2

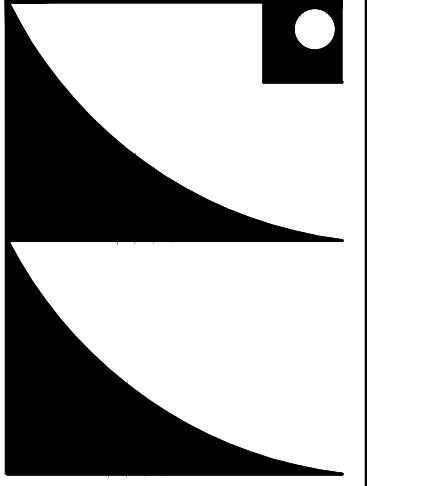


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MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-2-3-6333 FAX: 224-2-3-6444
www.wt-engineer.com
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**HOFFMAN ESTATES PARK DISTRICT
TRIPHAWN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

2015-056	2015-056
09/20/2016	09/20/2016
MOV. JAT. KJS	MOV. JAT. KJS
ISSUED FOR BID 20 SEPT. 2016	ISSUED FOR BID 20 SEPT. 2016

**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
630 Park Ridge Road, Suite 800, Northbrook, IL 60062
Phone 630-221-1121 / Fax 630-221-1220

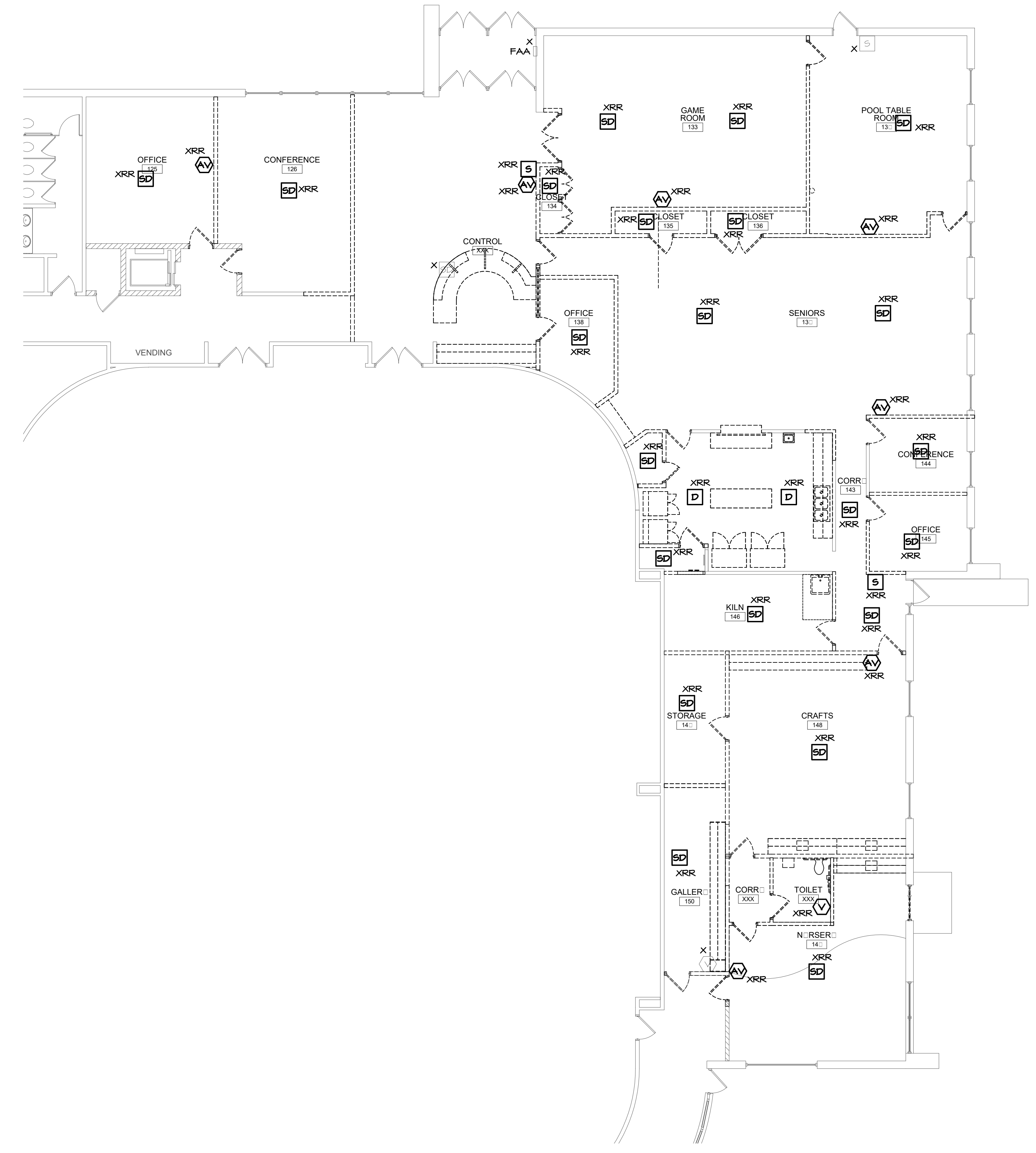


ELECTRICAL
FIRE ALARM
DEMOLITION
PLAN

ED1.3

- R EXISTING TO BE REMOVED
- RB REMOVE EXISTING, INSTALL BLANK-UP PLATE
- X EXISTING TO REMAIN
- XR EXISTING, REMOVE AND REPLACE WITH NEW DEVICE AND FINISH PLATE
- XRR EXISTING, REMOVE AND RELOCATE
- XRN EXISTING, RELOCATED, NEW LOCATION
- XN EXISTING LOCATION, NEW DEVICE AND FINISH PLATE

DRAWING LEGEND SCALE: NONE **1**

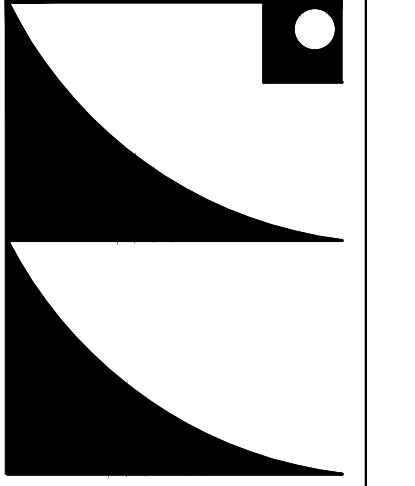


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MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60112
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1685 WEST HIGGINS ROAD
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**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
630 Park East, Suite 800, Hoffman, IL 60143
Phone 630-221-1121 Fax 630-221-1220



ELECTRICAL
POWER PLAN

E1.1

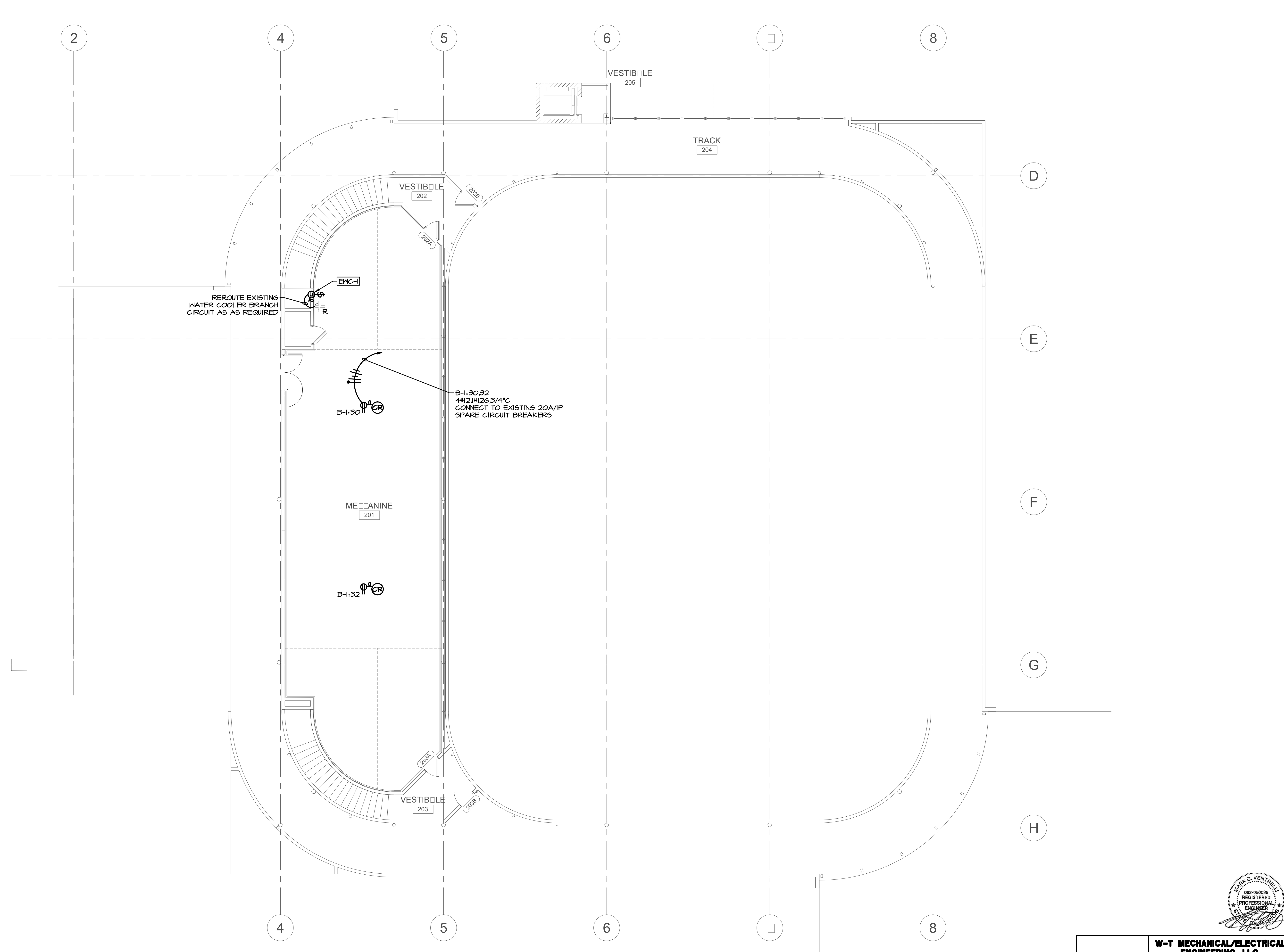


- ① INTERCEPT AND EXTEND EXISTING CIRCUIT A:26 TO NEW AND EXISTING RECEPTACLES AS INDICATED.
- ② INTERCEPT AND EXTEND EXISTING CIRCUIT A:6 TO NEW RECEPTACLES AS INDICATED.
- ③ INTERCEPT EXISTING CIRCUITS AND PROVIDE NEW HOMERUN, 4#12#1263/4"C. CONNECT CIRCUITS TO PANEL "A", CONNECT TO TWO (2) EXISTING 20A/1P CIRCUIT BREAKERS.
- ④ TO PANEL E: CIRCUITS 2,4,6, 6#12#1263/4"C. CONNECT CIRCUITS 2,4 TO TWO (2) EXISTING 20A/1P CIRCUIT BREAKERS AND PROVIDE A NEW 20A/1P CIRCUIT BREAKER TO MATCH FOR CIRCUIT #6.
- ⑤ TO PANEL E: CIRCUITS 8,10,12, 6#12#1263/4"C. REMOVE EXISTING 40A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH.
- ⑥ TO PANEL E: CIRCUITS 14,16,18, 6#12#1263/4"C. REMOVE EXISTING 40A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH.
- ⑦ TO PANEL E: CIRCUITS (7),9,11, 6#12#1263/4"C. REMOVE EXISTING 50A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH. CIRCUITS IN (X) INDICATE FOR COMPUTER USE ONLY. RECEPTACLES TO BE GRAY IN COLOR.
- ⑧ TO PANEL E: CIRCUITS 13,15,17, 6#12#1263/4"C. REMOVE EXISTING 50A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH.
- ⑨ TO PANEL E: CIRCUITS (20),22,24, 6#10#1063/4"C. REMOVE EXISTING 40A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH. CIRCUITS IN (X) INDICATE FOR COMPUTER USE ONLY. RECEPTACLES TO BE GRAY IN COLOR.
- ⑩ TO PANEL E: CIRCUITS (26),(28),(30), 6#10#1063/4"C. REMOVE EXISTING 40A/3P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH. CIRCUITS IN (X) INDICATE FOR COMPUTER USE ONLY. RECEPTACLES TO BE GRAY IN COLOR.
- ⑪ TO PANEL E: CIRCUITS (32),(34),(36), 6#10#1063/4"C. PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH. CIRCUITS IN (X) INDICATE FOR COMPUTER USE ONLY. RECEPTACLES TO BE GRAY IN COLOR.
- ⑫ TO PANEL A: CIRCUITS 27,29,31,34, 8#12#1263/4"C. REMOVE EXISTING 30A/2P CIRCUIT BREAKER, TURN OVER TO OWNER FOR STOCK AND PROVIDE TWO (2) NEW 20A/1P CIRCUIT BREAKERS TO MATCH AND ALSO CONNECT TO TWO (2) EXISTING CIRCUIT BREAKERS.
- ⑬ TO PANEL A: CIRCUITS 33,35,36,42, 8#12#1263/4"C. CONNECT TO FOUR (4) EXISTING CIRCUIT BREAKERS.
- ⑭ TO PANEL E: CIRCUIT 38,39,41, 6#12#1263/4"C. PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH.
- ⑮ COORDINATE FINAL LOCATION OF OUTLETS IN OFFICE WITH FURNITURE LAYOUT AND OWNER.
- ⑯ VERIFY OUTLET HEIGHT OF TV WITH OWNER PRIOR TO INSTALLATION.
- ⑰ PROVIDE 1-1/4" EMPTY CONDUIT FROM CABINET TO BACK OF TV OR PROJECTOR FOR HDMI CONNECTION. HDMI BY OWNER.
- ⑱ TO PANEL E: CIRCUIT 35,37,40, 6#12#1263/4"C. PROVIDE THREE (3) NEW 20A/1P CIRCUIT BREAKERS TO MATCH.

DRAWING NOTES 3



W-T MECHANICAL/ELECTRICAL ENGINEERING, LLC.
MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-234-6333 FAX: 224-234-6444
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IL License No.: 184.004512 EX: 04/30/2015

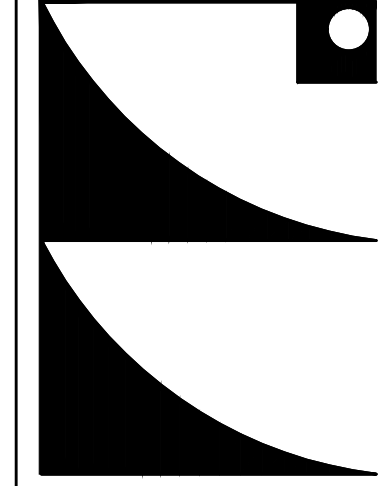


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W-T MECHANICAL/ELECTRICAL ENGINEERING, LLC.
 MECHANICAL AND ELECTRICAL ENGINEERS
 2615 Prato Avenue
 Hoffman Estates, Illinois 60112
 PH: 224-23-6333 FAX: 224-23-6444
 www.wt-engineering.com
 IL License No.: 184-004512 Ex: 04/30/2011

**HOFFMAN ESTATES PARK DISTRICT
 TRIPAHN CENTER
 1685 WEST HIGGINS ROAD
 HOFFMAN ESTATES, IL 60169**

was no	2015-056
date	09/20/2016
drawn	MOV, JAT, KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016

WILLIAMS ARCHITECTS
 ARCHITECTS PLANNERS
 630 Park Ridge Road, Suite 800, Itasca, IL 60143
 Phone 630-221-1212 Fax 630-221-1220



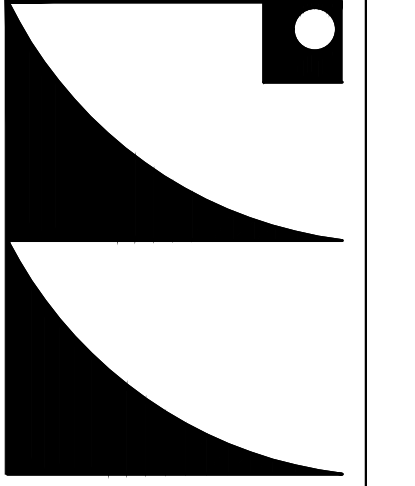
ELECTRICAL
 SECOND FLOOR
 POWER PLAN

E1.2

**HOFFMAN ESTATES PARK DISTRICT
TRIPHAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

date	2015-05-06
drawn	MOV. JAT. KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016

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ARCHITECTS**
ARCHITECTS PLANNERS
600 Park East, Suite 800, Hoffman, IL 60143
Phone 630-221-1121 Fax 630-221-1220



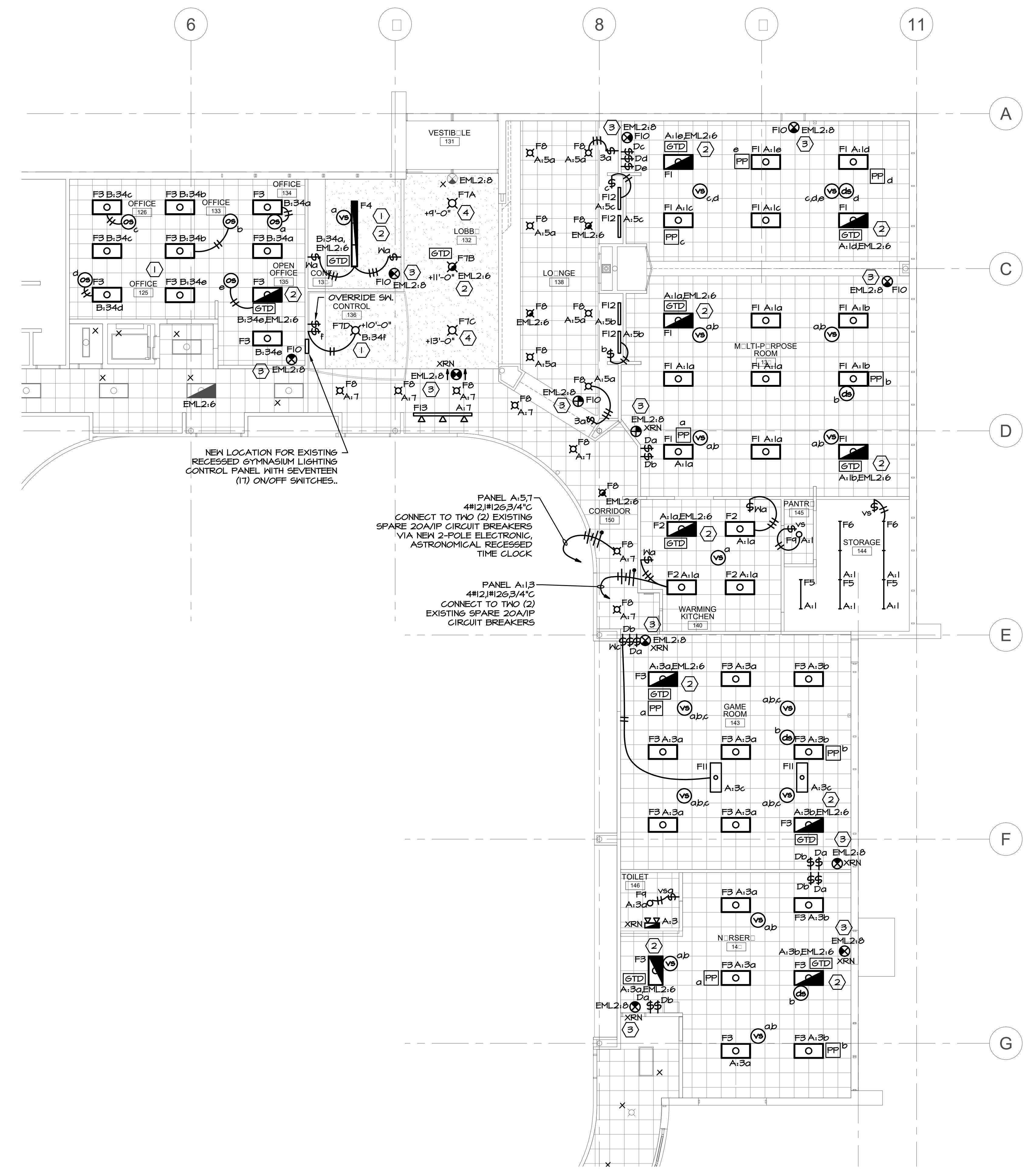
ELECTRICAL
LIGHTING PLAN

E2.1

- ① INTERCEPT AND EXTEND EXISTING CIRCUIT B:34 PREVIOUSLY SERVING AREA TO NEW LIGHTING AS SHOWN. FURNISH AND INSTALL NEW ELECTRONIC ASTRONOMICAL TIME SWITCH AT PANEL FOR CIRCUIT ON/OFF OPERATION AND NEW BY-PASS SWITCH AT CONTROL TO MEET 2015 IECC. FIELD VERIFY EXACT CIRCUIT NUMBER IN USE.
- ② INTERCEPT AND EXTEND EXISTING EMERGENCY LIGHTING CIRCUIT EML2:6 AS REQUIRED.
- ③ INTERCEPT AND EXTEND EXISTING EXIT SIGN CIRCUIT EML2:8 AS REQUIRED.
- ④ INTERCEPT AND CONNECT TO EXISTING LOBBY LIGHTING CIRCUIT MADE SPARE BY REMOVAL OF EXISTING LOBBY LIGHTING FIXTURES.

DRAWING NOTES

1



NEW LOCATION FOR EXISTING RECESSED GYMNASIUM LIGHTING CONTROL PANEL WITH SEVENTEEN (17) ON/OFF SWITCHES..

PANEL A:5:7
4#12, #126, 3/4" C
CONNECT TO TWO (2) EXISTING SPARE 20A/1P CIRCUIT BREAKERS VIA NEW 2-POLE ELECTRONIC ASTRONOMICAL RECESSED TIME CLOCK

PANEL A:1:3
4#12, #126, 3/4" C
CONNECT TO TWO (2) EXISTING SPARE 20A/1P CIRCUIT BREAKERS

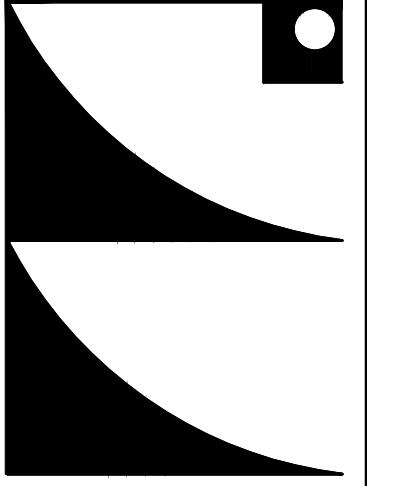
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MECHANICAL AND ELECTRICAL ENGINEERS
26-5 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-23-6333 FAX: 224-23-6444
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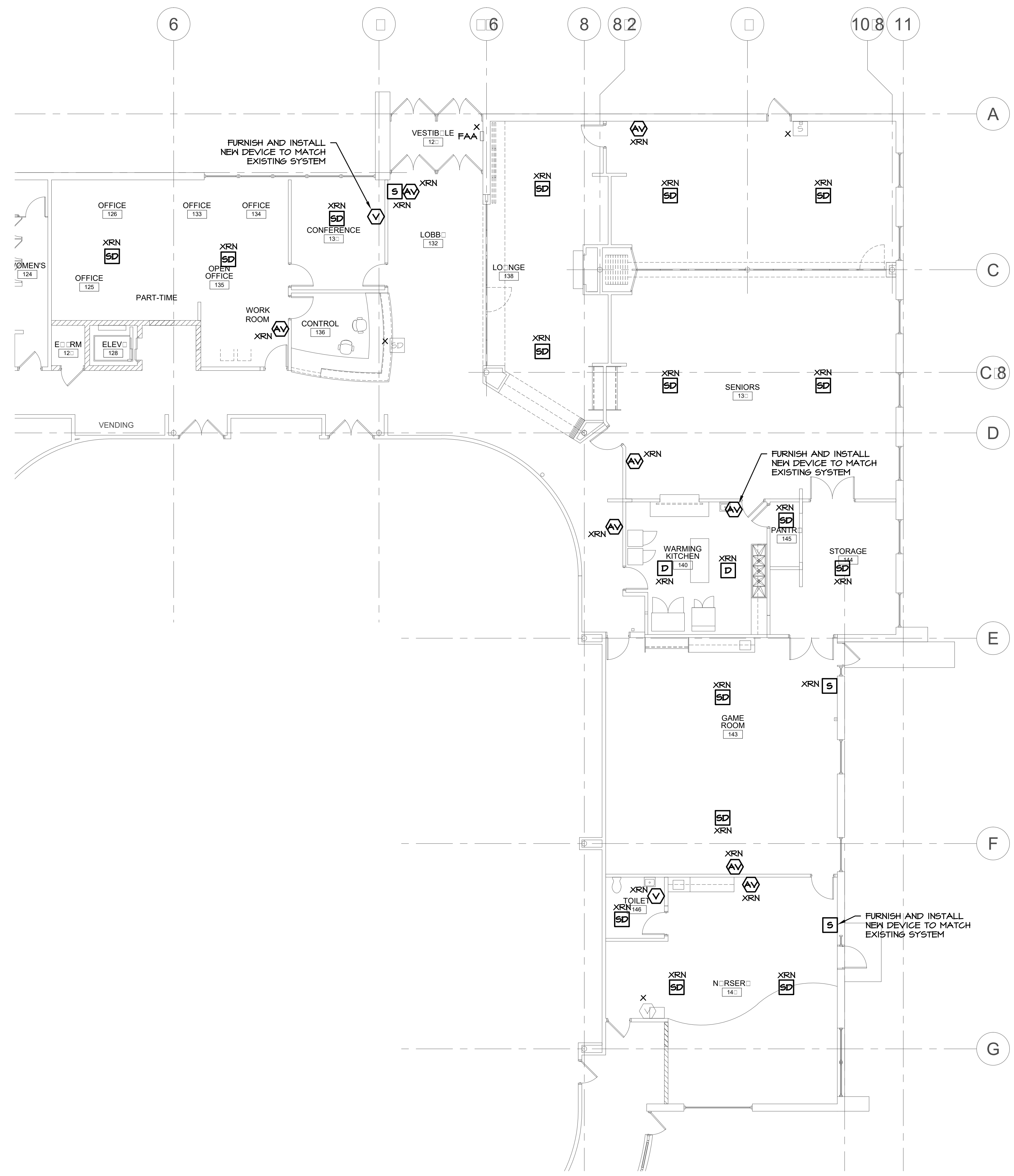
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ARCHITECTS**
ARCHITECTS PLANNERS
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ELECTRICAL
FIRE ALARM
PLAN

E3.1

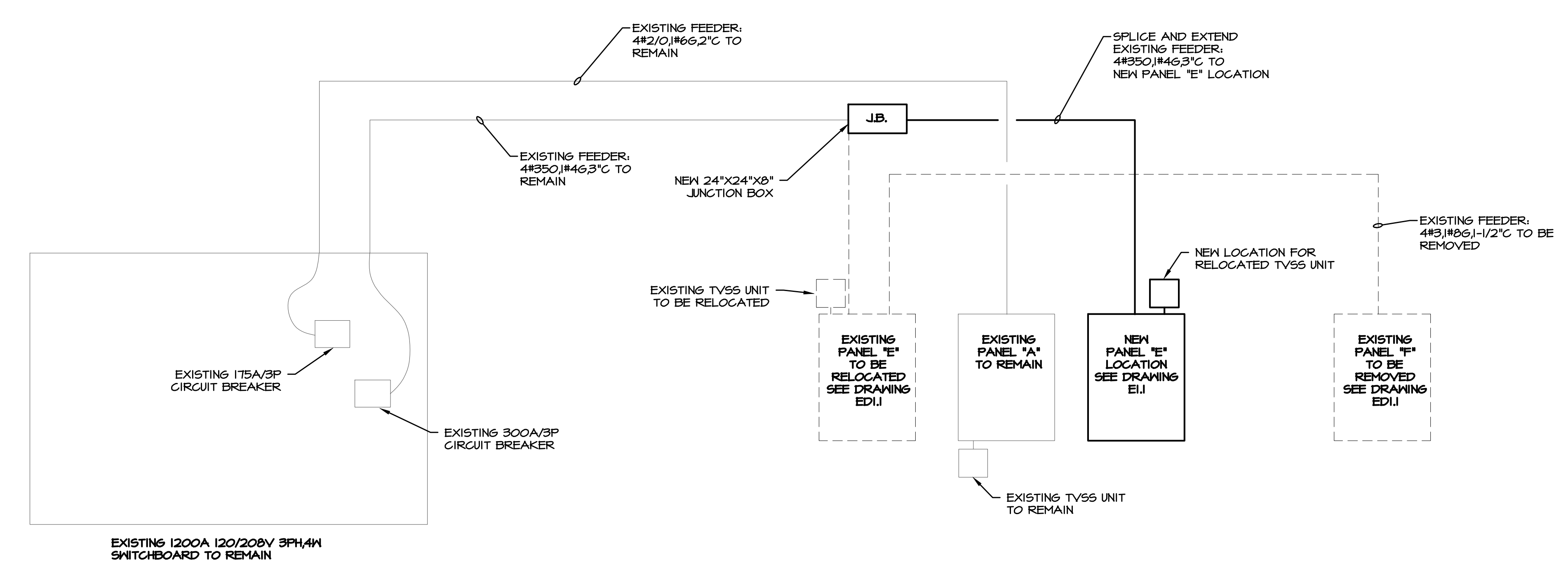


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MECHANICAL AND ELECTRICAL ENGINEERS
2615 Prato Avenue
Hoffman Estates, Illinois 60122
PH: 224-23-6333 FAX: 224-23-6444
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PANEL		EXISTING RELOCATED "E"			VOLTS		120/208		PHASE		3Ø, 4W				
AMPS		400			MAIN		MLO		A.I.C.		10,000				
LOCATION							MOUNTING		RECESSED						
CKT	POLE	TRIP	MISC	C.D.	LTS	LOCATION	KVA	KVA	LOCATION	LTS	C.D.	MISC	TRIP	POLE	CKT
1	3					ACT-1	24.00	1.50	149-COUNTER						2
3								1.50	149-COUNTER						4
5		100						1.00	GAME ROOM						6
						KIOSK CONTROL-COMPUTER	1.50	1.00	GAME ROOM						8
						KIOSK CONTROL	0.54	1.00	GAME ROOM						10
11						CONTROL CONF. RM. COMPUTER	1.50	0.50	GAME ROOM-TV						12
13						CONTROL	0.54	1.20	GAME RM.-REFRIGERATOR						14
15						CONFERENCE ROOM	0.54	1.50	GAME ROOM-COUNTER						16
17						LOBBY	0.50	1.50	GAME ROOM-COUNTER						18
19						EXISTING TVSS		1.50	OFFICE-COMPUTERS						20
21						EXISTING TVSS		0.54	OFFICE						22
23						EXISTING TVSS		0.72	OFFICE						24
25						EX. CAR CHARGER	1.50	1.00	OFFICE-COMPUTERS						26
27						EX. GYM RECEPTACLES	1.08	1.00	OFFICE-COMPUTERS						28
29						SPARE		1.50	WORK ROOM-COPIER						30
31								1.50	WORK ROOM-FAX/PRINTER						32
33			40					1.00	WORK ROOM-COMPUTERS						34
35						138-COUNTER	1.50	0.50	WORK ROOM-TIME CLOCK						36
37						138-COUNTER	1.50	0.60	LOUNGE-FIRE PLACE						38
39						138-COUNTER	1.50	1.50	134-MOTORIZED PANEL						40
41						138-COUNTER	1.50		SPACE						42
TOTAL = 37.70							22.06		= TOTAL		TOTAL KVA = 54.76		TOTAL AMPS = 135.2		

PANEL		EXISTING "A"			VOLTS		120/208		PHASE		3Ø, 4W				
AMPS		225			MAIN		MLO		A.I.C.		10,000				
LOCATION							MOUNTING		RECESSED						
CKT	POLE	TRIP	MISC	C.D.	LTS	LOCATION	KVA	KVA	LOCATION	LTS	C.D.	MISC	TRIP	POLE	CKT
1						134,140-PANTRY, STORAGE	0.99	0.72	149						2
3						134,140-GAME ROOM, TOILET, 149	0.70	0.18	149, GAME ROOM						4
5						10 LOUNGE	0.25	1.50	149, TOILET						6
						8 CORRIDOR	0.25	0.36	EX. ROOF RECEPTACLES						8
						SPARE		0.36	EX. ROOF RECEPTACLES						10
11						SPARE		1.20	EX. CIRC. PUMP						12
13						EX. GYM RECEPTACLES	0.90	0.86	EXISTING FPB						14
15						EXISTING FPB	0.86	0.86	EXISTING FPB						16
17						EXISTING FPB	0.86	0.86	EXISTING FPB						18
19						EXISTING FPB	0.86	1.50	140-DISHWASHER						20
21						140-COUNTER	1.50	1.50	140-COUNTER						22
23						140-WARMING CABINET	1.50	1.50	140-COUNTER						24
25						140-WARMING CABINET	1.50	0.90	134-LOUNGE						26
27						134	1.50	0.72	134-EXISTING RECEPTACLE						28
29						134	1.50	1.50	140-EXISTING RECEPTACLE						30
31						134	1.50	0.72	STORAGE-EX. RECEPTACLE						32
33						134	1.50	1.50	134-LOUNGE-TV/DVD						34
35						134-PROJECTOR, MI	1.50	1.50	134-TV						36
37						EXISTING TVSS		1.50	140-REFRIGERATOR						38
39						EXISTING TVSS		1.50	140-FREEZER						40
41						EXISTING TVSS		0.86	134-SCREEN						42
TOTAL = 17.67							22.10		= TOTAL		TOTAL KVA = 34.77		TOTAL AMPS = 110.5		

NOTES:
 1. ALL C/B'S SERVING HVAC EQUIPMENT SHALL BE HACR RATED.
 2. ALL C/B'S SERVING EM/NL LIGHTING SHALL HAVE LOCK-ON DEVICE.
 3. ALL C/B'S USED FOR SWITCHING OF LIGHTS SHALL BE SWITCH DUTY RATED.



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 Hoffman Estates, Illinois 60112
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 www.wt-engineer.com
 IL License No.: 184-004512 Exp: 04/30/2018

WILLIAMS ARCHITECTS
 ARCHITECTS PLANNERS
 600 Park Ridge Road, Suite 600, Hoffman Estates, IL 60113
 Phone 630-221-1121 / Fax 630-221-1220

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FIRE ALARM SYMBOLS

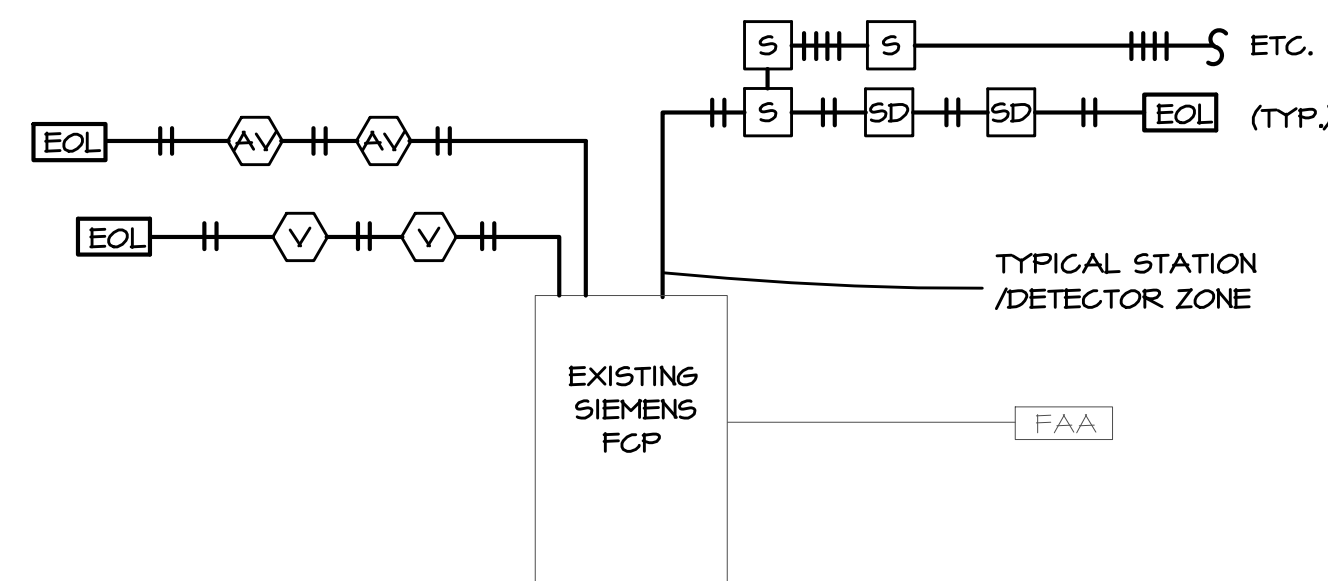
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM SYSTEM DUAL ACTION PULL STATION (+48" AFF) (MOUNT WITHIN 5 FT. OF DOOR)
- FIRE ALARM SYSTEM GENERAL ALARM & VISUAL ALARM DEVICE - 80" A.F.F.
- VISUAL STROBE SIGNAL 100 CANDELA STROBE-24VDC(+80" AFF)
- SMOKE DETECTOR MIN. 3FT FROM SUPPLY VENT.
- HEAT DETECTOR, 135 DEGREE RATE OF RISE
- END OF LINE RESISTOR

NOTE: FIRE ALARM SYSTEM SHALL BE ZONED PER NFPA CODE, NON-CODED, CONTINUOUS SOUNDING, UL LISTED, WITH SERIES BATTERIES, MINIMUM WIRE TWO CONDUCTOR INSULATED #14 AWG TWISTED PAIR, MINIMUM 3/4" CONDUIT.

SUBMIT SHOP DRAWINGS TO ENGINEER AND HOFFMAN ESTATES FIRE PREVENTION BUREAU FOR REVIEW PRIOR TO INSTALLATION. INSTALL ALL DEVICES PER LOCAL CODE, VERIFY PRIOR TO INSTALLATION.

FIRE ALARM DEVICES TO BE WIRED TO FCP SHALL BE ZONED TO ACCEPT DUCT SMOKE DETECTORS, PULL STATIONS, SPEAKERS, VISUALS, FLOW SWITCHES, TAMPER SWITCHES, AND BELLS. VERIFY AND COORDINATE IN FIELD. PROVIDE AND INSTALL CONDUIT AND WIRING AS REQUIRED FOR FIRE ALARM DEVICES.

E.G. SHALL VERIFY EXACT QUANTITY OF FIRE ALARM DEVICES PRIOR TO BIDDING.



FIRE ALARM RISER NOTES:

1. FOR QUANTITY AND LOCATION SEE FLOOR PLANS.
2. ALL CONDUCTORS SHALL BE #14AWG, UNLESS OTHERWISE INDICATED. MIN. SIZE CONDUIT - 1/2"
3. MANUFACTURER OF FIRE ALARM SYSTEM SHALL DETERMINE ALL ZONES REQUIRED & WORK UP ZONE SCHEDULE FOR OWNER
4. SYSTEM TO REMAIN OPERATIONAL DURING CONSTRUCTION. E.G. TO COORDINATE WITH OWNER AND HOFFMAN ESTATES FIRE PREVENTION BUREAU.

DIAGRAM - FIRE ALARM RISER

NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

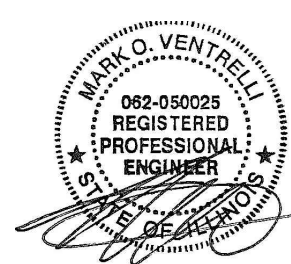
TYPE	DESCRIPTION & FEATURES	LAMPS		MOUNTING		VOLT	SPECIFIED MANUFACTURER AND CATALOG NUMBER
		TYPE	WATTAGE	TYPE	HEIGHT		
F1	2'X4' LED LAY-IN, IC RATED	40W LED		RECESSED		120	LITHONIA #2ALL4-48L-EZI-LP835
F2	2'X4' LED LAY-IN W/ PRISMATIC LENS	40W LED		RECESSED		120	LITHONIA #2TL4-48L-FW-A19-EZI-LP835
F3	2'X4' LED LAY-IN	40W LED		RECESSED		120	LITHONIA #2ALL4-48L-EZI-LP835
F4	8'-0" PENDANT LED	104W LED		CABLE	9'-0" AFF.	120	FEERLESS #TCRMTL-LLP-8FT-MSL8-80CRI-35K-11200LMF-DARK-ZT-120-SCT-F2/144A-C210-MCS-SCFP
F5	4'-0" LED STRIP	33W LED		SURFACE		120	LITHONIA #ZLID-L48-3000LM-FST-MYOLT-35K-80CRI-WH
F6	8'-0" LED STRIP	60W LED		SURFACE		120	LITHONIA #ZLID-L48-6000LM-FST-MYOLT-35K-80CRI-WH
F7A	36" DIA. LED ROUND UP/DOWN LIGHT PENDANT CABLE HUNG	170.6W LED		CABLE	9'-0" AFF.	120	PINNACLE #F36B-AR-35-35-AH412JB-120-IC-W
F7B	36" DIA. LED ROUND UP/DOWN LIGHT PENDANT CABLE HUNG	170.6W LED		CABLE	11'-0" AFF.	120	PINNACLE #F36B-AR-35-35-AH412JB-120-IC-W
F7C	36" DIA. LED ROUND UP/DOWN LIGHT PENDANT CABLE HUNG	170.6W LED		CABLE	13'-0" AFF.	120	PINNACLE #F36B-AR-35-35-AH412JB-120-IC-W
F7D	36" DIA. LED ROUND UP/DOWN LIGHT PENDANT CABLE HUNG	170.6W LED		CABLE	10'-0" AFF.	120	PINNACLE #F36B-AR-35-35-AH412JB-120-IC-W
F8	8" DIA. LED DOWNLIGHT	31.6W LED		RECESSED		120	GOTHAM #EVO-35/20-8AR-MD-L55-120-EZIO-TRW
F9	6" DIA. LED DOWNLIGHT	11.8W LED		RECESSED		120	GOTHAM #EVO-35/10-6AR-MD-L55-MYOLT-EZIO-TRW
F10	EDGE-LIT LED EXIT SIGN	1.5W LED		RECESSED		120	LITHONIA #LRP-W-I-RC-120/2TT
F11	PENDANT POOL TABLE LIGHT	3 100W		PENDANT		120	LIVEX LIGHTING SOMERSET SERIES #4224-TO
F12	36"L LED UNDERCABINET LIGHT	14.8W LED		SURFACE		120	LITHONIA #UCEL-36IN-30K-40CRI-WH
F13	8'-0" TRACK LIGHT W/ 3 - LED HEADS	3 10.7W LED		SURFACE		120	JUNO #R8WH 8'-0" TRACK WITH 3 - #T26IL63-35-N-WH HEADS AND ALL ACCESSORIES REQUIRED

NOTES:

1. VERIFY TYPE OF CEILING OR WALL FOR ALL RECESSED LIGHTING FIXTURES PRIOR TO ORDERING.
2. PROVIDE ALL ADDITIONAL HARDWARE FOR FIXTURE MOUNTING AS REQUIRED AT NO EXTRA COST.
3. ALL WIRE WITHIN (3) THREE INCHES OF BALLASTS SHALL BE RATED A MINIMUM OF 90°C.
4. MINIMUM LENS THICKNESS TO BE .125 INCHES, WHERE LENSES ARE USED.
5. THE FIXTURE SCHEDULE DOES NOT NECESSARILY LIST ALL ACCESSORIES AND HARDWARE NECESSARY FOR THE COMPLETION OF INSTALLATION, NOR DOES IT DETAIL THE CEILING CONSTRUCTION TO BE ENCOUNTERED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY DETERMINE AND PROVIDE CORRECT COMPONENTS, ACCESSORIES, AND HARDWARE AS REQUIRED FOR THE INSTALLATION.
6. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS AND CEILING CONTRACTOR FOR EXACT LIGHTING FIXTURE LOCATION.
7. THIS CONTRACTOR SHALL PROVIDE POINT-BY-POINT LIGHTING CALCULATIONS FOR ANY SUBSTITUTED LIGHTING FIXTURES, POINT-BY-POINT CALCULATIONS SHALL BE PROVIDED WITH SHOP DRAWINGS AND BE CALCULATED BY THE MANUFACTURER OF THE LIGHTING FIXTURE FOR THE AREAS BEING SERVED. CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW A MINIMUM OF SEVEN (7) DAYS PRIOR TO BID DATE IN ORDER TO BE CONSIDERED.
8. ALL BATTERY BACK-UP EMERGENCY LIGHT AND EXIT SIGN LIGHTING FIXTURES INDICATED SHALL HAVE BATTERY BACK-UP RATED FOR 1-1/2 HOURS MINIMUM AND AS APPROVED BY LOCAL FIRE PREVENTION BUREAU.
9. EMERGENCY LIGHTING TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.

ELECTRICAL SYMBOLS

- FLUORESCENT LIGHT FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE, NUMERAL INDICATES CIRCUIT ASSIGNMENT, SUBSCRIPT LETTER DENOTES SWITCH LEG. SHADING OF ANY FIXTURE INDICATES CIRCUIT TO UNSWITCHED EMERGENCY/NIGHT LIGHT CIRCUIT. SEE "LIGHTING FIXTURE SCHEDULE."
- EXIT SIGN UNIVERSAL MOUNT SHADED AREA INDICATES FACE, ARROWS AS REQUIRED. SEE "LIGHTING FIXTURE SCHEDULE."
- LIGHTING FIXTURE OUTLET - SEE DRAWINGS
- SELF CONTAINED EMERGENCY LIGHTING FIXTURE, WITH BATTERY BACK-UP AND SOLID STATE CHARGER
- THREE-WAY SWITCH, 48" AFF, SUBSCRIPT LETTER DENOTES SWITCH LEG
- LUTRON VACANCY SENSOR SWITCH, LUTRON #M5-A102-V-WH, MANUAL ON / AUTO OFF
- LUTRON WIRELESS DIMMER SWITCH, #PICO-PJ2-2BRL-6WH-LOI W/ #PICO-WEX-ADAPT BOX ADAPTER, 48" AFF.
- LUTRON WIRELESS SWITCH, #MRF2-6ANS-WH, 48" AFF.
- LUTRON WIRELESS MODULE, #RMJ-5T-DV-B POW PAK
- WIRELESS VACANCY SENSOR, LUTRON #LRF2-VCR2B-P-WH, MANUAL ON / AUTO OFF
- WIRELESS DAYLIGHT SENSOR, LUTRON #LRF2-DCRB-WH
- OCCUPANCY SENSOR, LUTRON #LOS-CDT-500-WH W/ #PP-120H
- MANUAL SINGLE PHASE MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION. "P" DENOTES DEVICE FURNISHED WITH PILOT LIGHT, 48" AFF UNLESS INDICATED OTHERWISE
- NON FUSED SAFETY SWITCH, RATINGS AS INDICATED
- FUSED DISCONNECT SWITCH, SWITCH AND FUSE RATING AS INDICATED.
- 3-PHASE COMBINATION MAGNETIC STARTER WITH NEMA SIZE INDICATED BY E.C.
- DUPLEX RECEPTACLE, NEMA 5-20R, 15'A.F.F.
- DUPLEX RECEPTACLE CROSS LINE DENOTES 6" ABOVE COUNTER OR BACKSPLASH.
- DUPLEX RECEPTACLE SHADING DENOTES GROUND FAULT CIRCUIT INTERRUPTER "GFCI". NEMA 5-20R
- DOUBLE DUPLEX RECEPTACLE
- ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R, 15" AFF
- CORD REEL, 20 AMP, 120V, 25'-0" 12/3 5-JON BLACK CORD WITH DOUBLE DUPLEX AT PAYOUT END. KH INDUSTRIES #RTBB3L-NDD520-J12F
- LIGHTING AND/OR POWER PANEL.
- MOTOR
- PHOTO ELECTRIC CONTROL, ROOF MOUNTED, 120V OPERATION, 20A RATED
- CONDUIT ROUTED CONCEALED IN CEILING OR WALL CONSTRUCTION. (CROSS LINES DENOTE NUMBER OF WIRES.)
- CONDUIT ROUTED EXPOSED, PARALLEL OR PERPENDICULAR TO WALLS.
- CONDUIT ROUTED CONCEALED IN CONCRETE FLOOR SLAB OR UNDERGROUND.
- AUXILIARY JUNCTION BOX
- FLEXIBLE CONDUIT CONNECTION
- HOME RUN TO PANELBOARD
- CONDUIT PHASE CONDUCTORS NEUTRAL CONDUCTOR EQUIPMENT GROUND ISOLATED GROUND
- VOICE/DATA SYSTEM OUTLET WITH 1" CONDUIT STUB INTO CEILING SPACE. "1C6" DENOTES ONE (1) CAT-6 CABLE TO BE INSTALLED. "2C6" DENOTES TWO (2) CAT-6 CABLES TO BE INSTALLED. ALL CABLES TO TERMINATE IN STORAGE ROOM 112.
- TV OUTLET, WITH 3/4" CONDUIT STUB INTO CEILING SPACE. "1C" DENOTES ONE (1) COAX CABLE TO BE INSTALLED TO STORAGE ROOM 112.



W-T MECHANICAL/ELECTRICAL ENGINEERING, LLC.
MECHANICAL AND ELECTRICAL ENGINEERS

2635 Prato Avenue
Hoffman Estates, Illinois 60112
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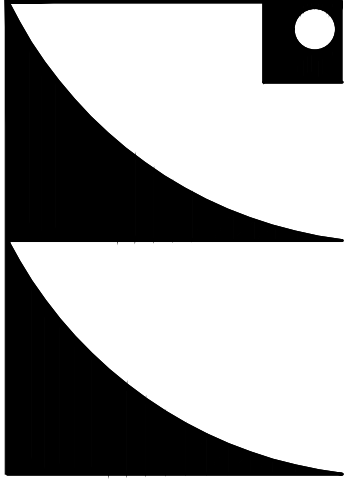
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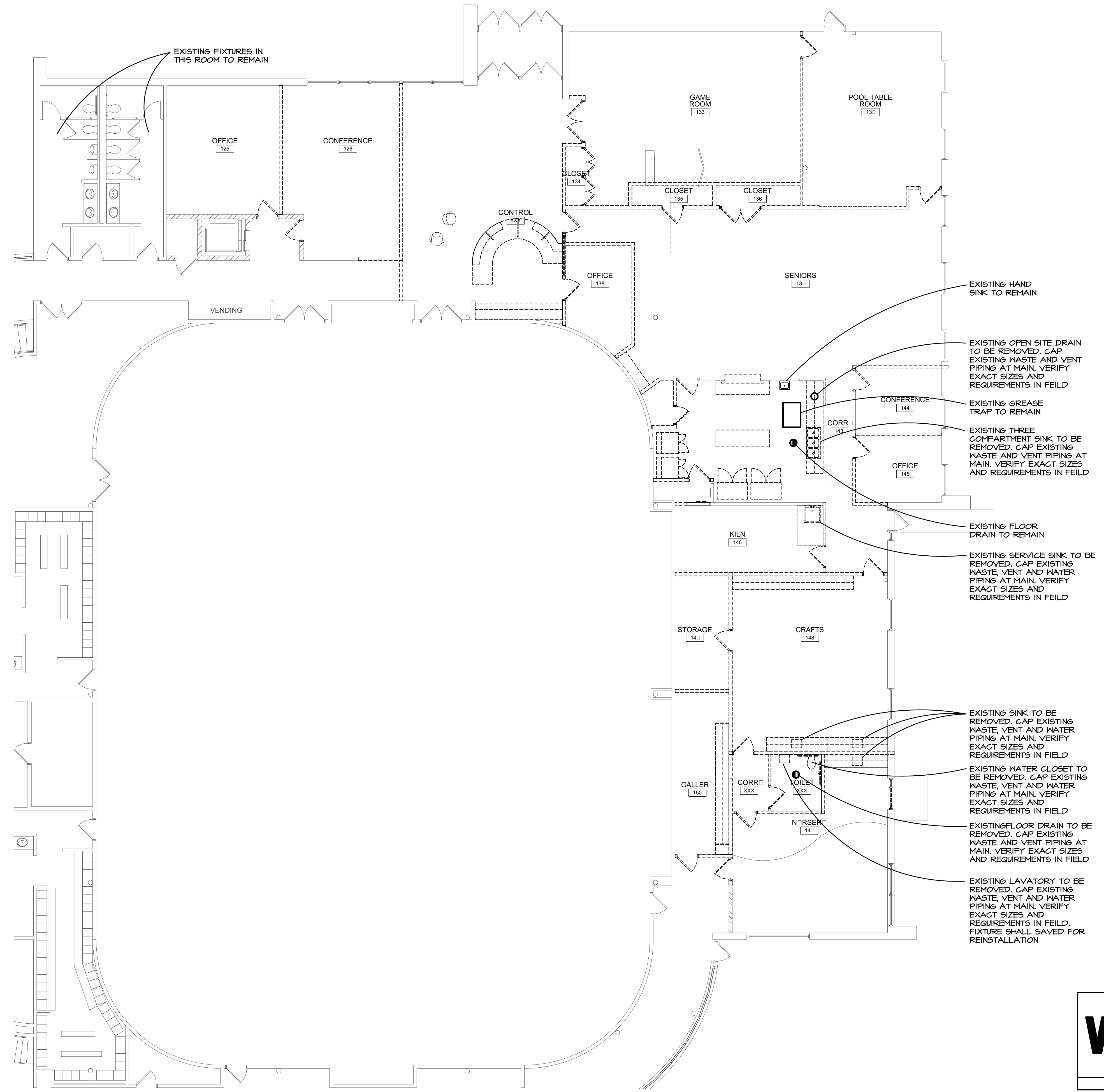
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ARCHITECTS PLANNERS
600 Park Ridge Road, Suite 600, Hoffman, IL 60113
Phone 630-221-1121 Fax 630-221-1120



ELECTRICAL SYMBOLS, SCHEDULES AND DETAILS

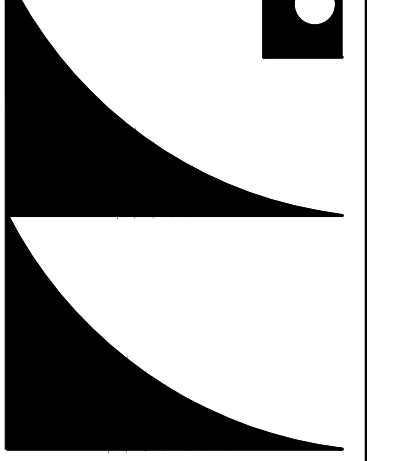
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ARCHITECTS PLANNERS
600 Park Ridge Road, Suite 800, Park Ridge, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



PLUMBING
DEMOLITION
PLAN

PD1.1



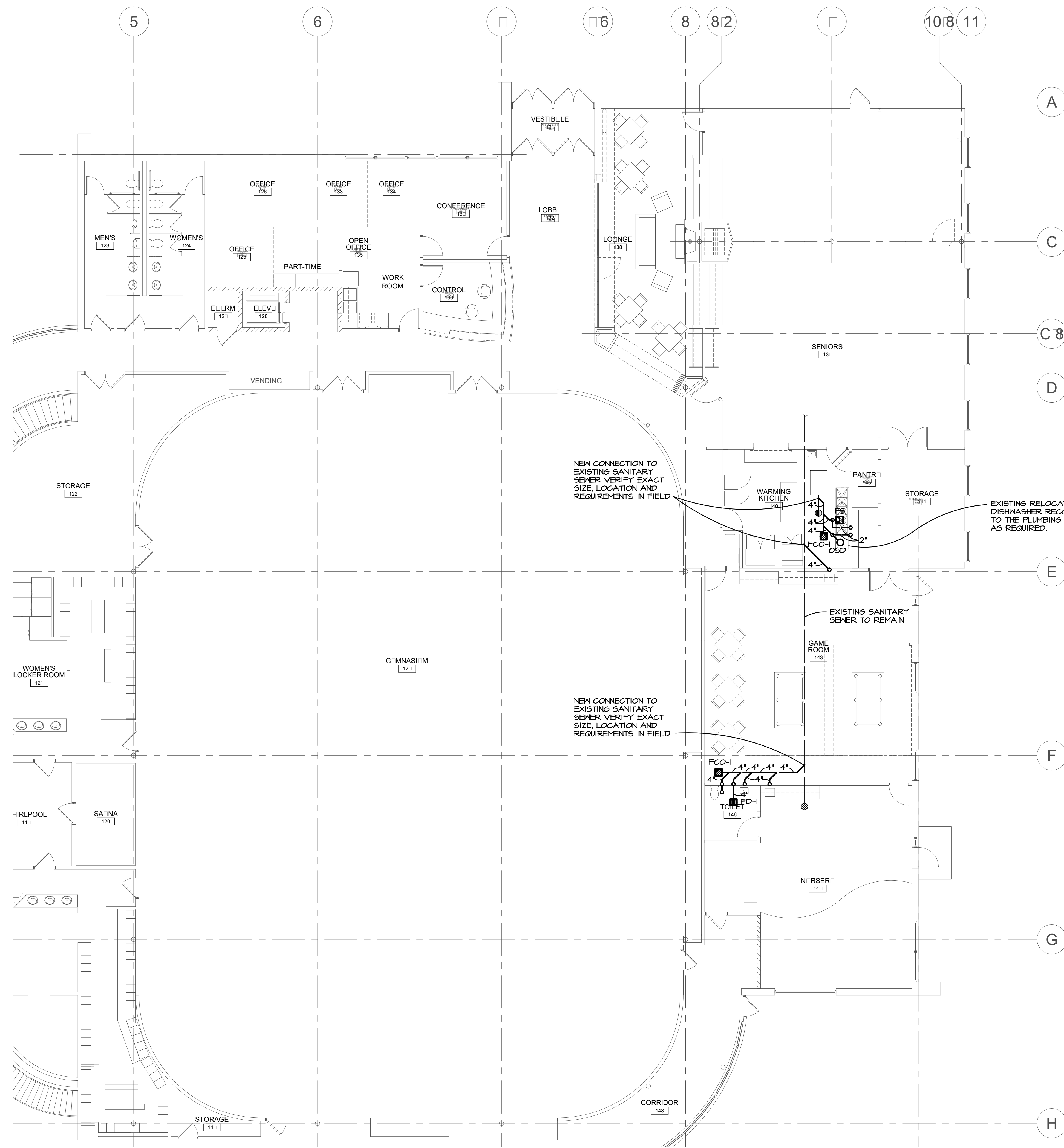
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NEW CONNECTION TO EXISTING SANITARY SEWER VERIFY EXACT SIZE, LOCATION AND REQUIREMENTS IN FIELD

EXISTING RELOCATED DISHWASHER RECONNECT TO THE PLUMBING SYSTEM AS REQUIRED.

NEW CONNECTION TO EXISTING SANITARY SEWER VERIFY EXACT SIZE, LOCATION AND REQUIREMENTS IN FIELD

EXISTING SANITARY SEWER TO REMAIN



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MECHANICAL AND ELECTRICAL ENGINEERS

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Hoffman Estates, Illinois 60112
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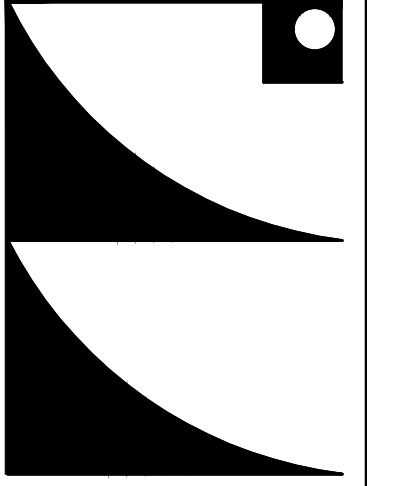
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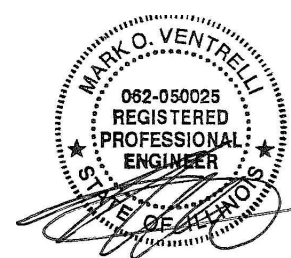
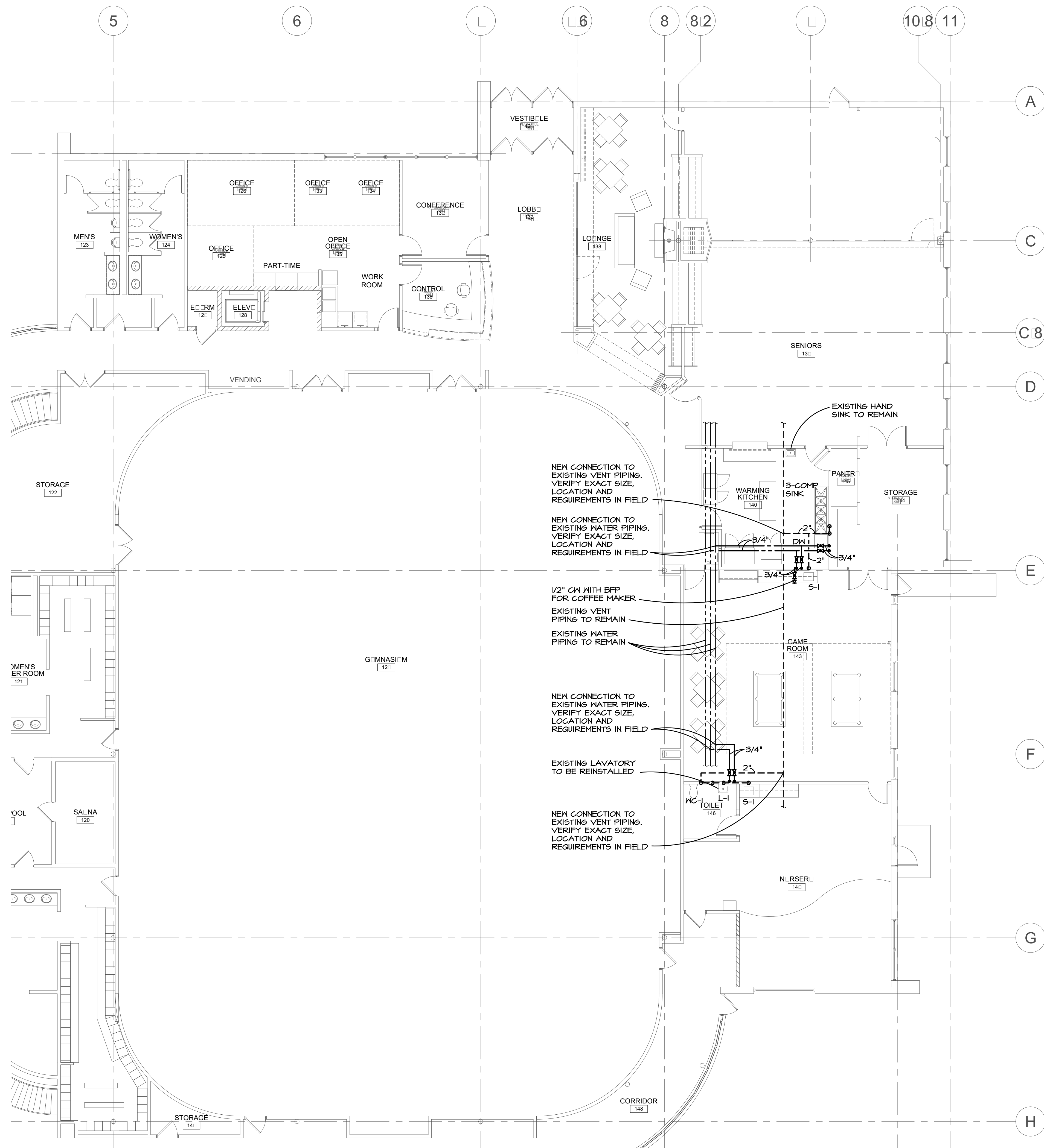
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date	09/20/2016
drawn	MOV, JAT, KJS
checked	STT
revised	ISSUED FOR BID 20 SEPT. 2016

WILLIAMS ARCHITECTS
ARCHITECTS PLANNERS
650 Park Ridge Road, Suite 800, Hoffman Estates, IL 60113
Phone 630-221-1121 Fax 630-221-1220



UNDERGROUND PLUMBING PLAN

P1.0



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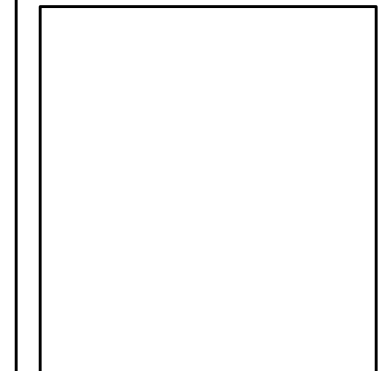
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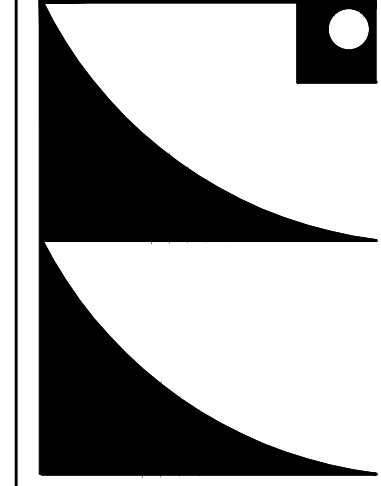
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**HOFFMAN ESTATES PARK DISTRICT
TRIPAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

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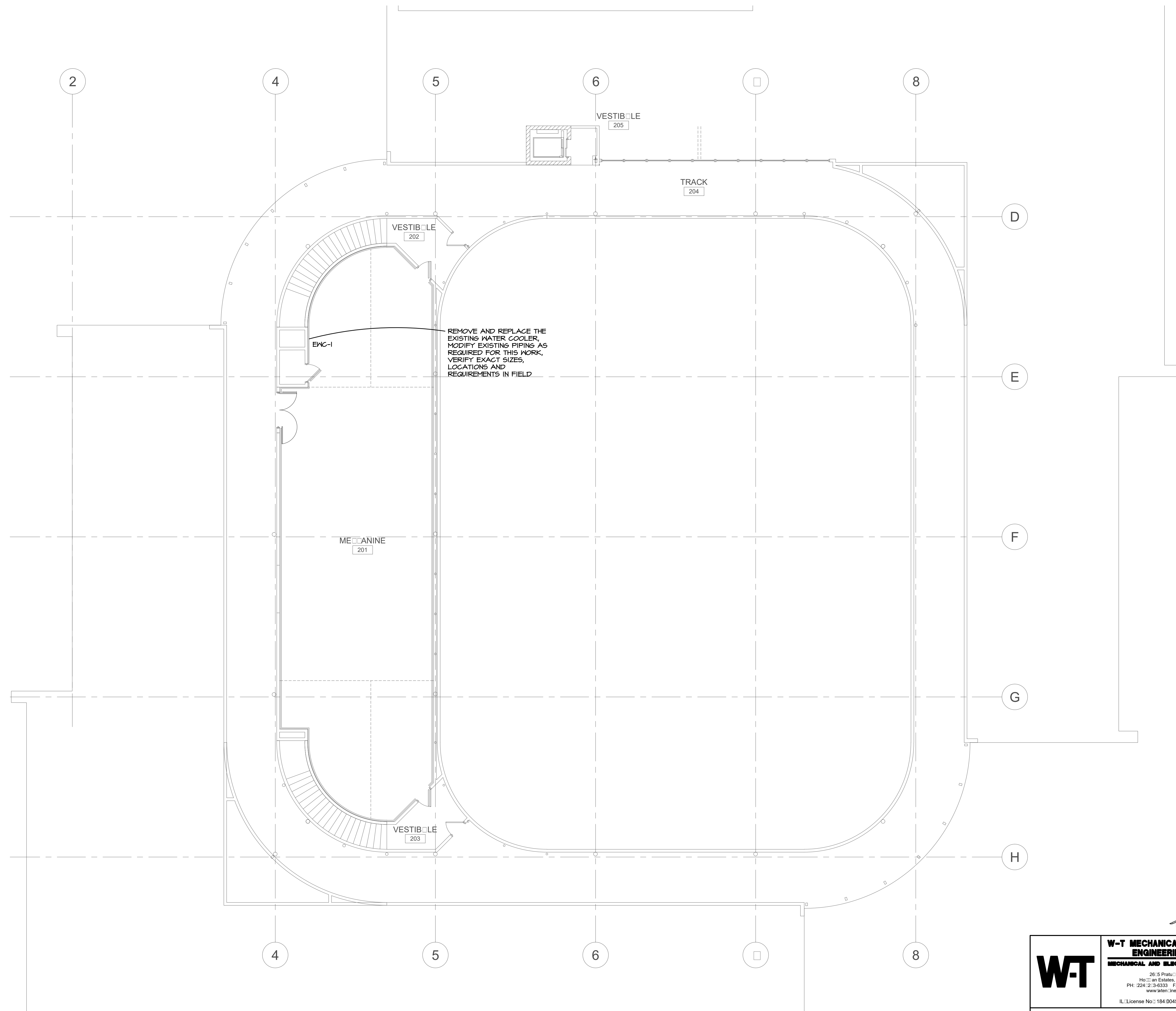


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ARCHITECTS PLANNERS
630 Park Ridge Road, Suite 800, Hoffman, IL 60143
Phone 630-221-1121 / Fax 630-221-1220



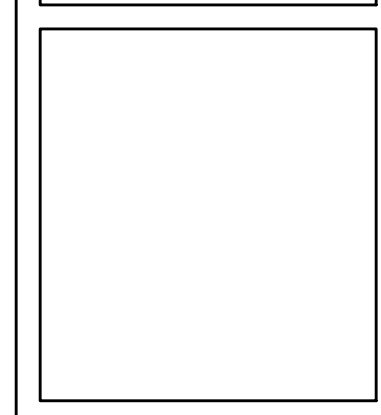
PLUMBING PLAN

P1.1

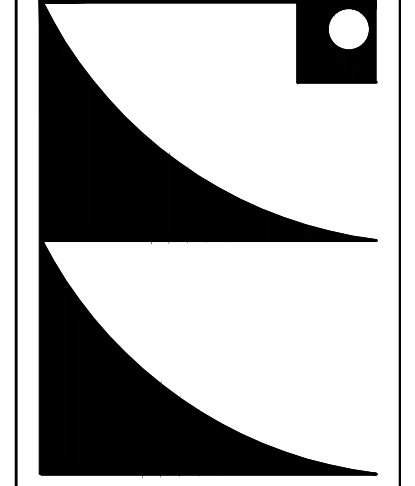


**HOFFMAN ESTATES PARK DISTRICT
TRIPFAHN CENTER
1685 WEST HIGGINS ROAD
HOFFMAN ESTATES, IL 60169**

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**WILLIAMS
ARCHITECTS**
ARCHITECTS PLANNERS
630 Park East, Suite 800, Hoffman, IL 60143
Phone 630-221-1212 / Fax 630-221-1220



MECHANINE
PLUMBING
PLAN

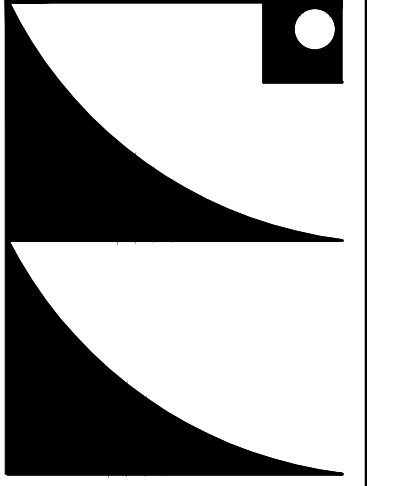
P1.2



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MECHANICAL AND ELECTRICAL ENGINEERS
2615 Prato Avenue
Hoffman Estates, Illinois 60112
PH: 224-2-3-6333 FAX: 224-2-3-6444
www.wt-engineer.com
IL License No.: 184-004512 Ex: 04/30/2016

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WILLIAMS ARCHITECTS
ARCHITECTS PLANNERS
600 Park East, Suite 600, Hoffman Estates, IL 60113
Phone 830-221-1121 Fax 830-221-1120



PLUMBING SYMBOLS, SCHEDULES, DIAGRAMS AND DETAILS

PLUMBING SPECIFICATIONS

THE GENERAL CONDITIONS AND SUPPLEMENTAL GENERAL CONDITIONS ISSUED BY THE ARCHITECT SHALL GOVERN WHERE APPLICABLE.

THIS CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COMPENSATION AFTER THE LETTING OF BIDS.

ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL; ACCEPTANCE BY THE OWNER SHALL BE A CONDITION OF THE CONTRACT. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCES, PRESERVE MAXIMUM HEADROOM, AND AVOID OMISSIONS.

CONTRACTOR TO MAKE ALL NECESSARY TAPS, AS CALLED FOR ON THE DRAWINGS.

THIS CONTRACTOR SHALL REMOVE ALL DEBRIS ON A REGULAR BASIS AND UPON COMPLETION OF THE JOB AND CLEAN ALL FIXTURES.

COVER ALL HOT AND COLD LINES, ROOF DRAINS AND HORIZONTAL DOWNSPOUT PIPING. PIPE COVERING TO BE SHALL BE 3/2 LB. DENSITY FIBERGLASS WITH MOLDED FITTINGS AND BUTT JOINTS AND VAPOR BARRIER.

IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO START UP, ADJUST AND CHECK FOR PROPER OPERATION ALL EQUIPMENT INSTALLED UNDER HIS CONTRACT.

THIS CONTRACTOR SHALL ALLOW IN HIS INITIAL BID THE COST OF SERVICE ON ALL EQUIPMENT INSTALLED UNDER HIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE WORK.

ALL WATER PIPING SHALL BE TESTED WITH WATER UNDER PRESSURE OF 100 PSI FOR 10 MINUTES, AND MADE TIGHT AT THIS PRESSURE.

ALL SOIL, WASTE AND VENT PIPING SHALL BE SUBJECTED TO A HYDROSTATIC TEST OF NOT LESS THAN 10 FEET OF WATER COLUMN FOR 15 MINUTES BEFORE INSPECTION STARTS AND PROVEN TIGHT.

BEFORE TURNING PLUMBING SYSTEM OVER TO THE OWNER, CHLORINATE ALL DOMESTIC WATER PIPING FOR A PERIOD OF 24 HOURS. AFTER CHLORINATION HAS BEEN COMPLETED, FLUSH ALL PIPING UNTIL WATER RUNS CLEAR AND IS RESIDUAL CHLORINE FREE.

ALL BELOW GROUND WASTE, VENT AND STORM SEWER PIPING SHALL BE SCHEDULE 40 P.V.C. ALL ABOVE GROUND WASTE, VENT AND STORM SEWER PIPING 3" AND LARGER SHALL BE SCHEDULE 40 P.V.C. ALL WASTE VENT AND STORM SEWER PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 P.V.C. ALL BELOW GROUND WATER PIPING 3" AND LARGER SHALL BE DUCTILE-IRON, ALL BELOW GROUND WATER PIPING 2" AND SMALLER SHALL BE TYPE "K" COPPER, ALL ABOVE GROUND WATER PIPING SHALL BE TYPE "L" COPPER.

THE PLUMBING SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH STATE OF ILLINOIS PLUMBING CODE ALL REQUIREMENTS OF THE LOCAL CODES AND ORDINANCES

THE EXISTING GREASE TRAP SHALL BE SERVICED AND REPAIRED AS REQUIRED AS A PART OF THIS PROJECT

PLUMBING SYMBOLS

NOT ALL SYMBOLS MAY APPLY

- EXISTING COLD WATER PIPING
- EXISTING HOT WATER PIPING
- EXISTING HOT WATER RETURN PIPING
- EXISTING UNDERGROUND SEWER
- EXISTING SUSPENDED SEWER
- EXISTING VENT PIPING
- COLD WATER PIPING (INSULATED)
- HOT WATER PIPING (INSULATED)
- HOT WATER RETURN PIPING (INSULATED)
- TW6 TEMPERED WATER PIPING (INSULATED)
- TW8 TEMPERED WATER RETURN PIPING (INSULATED)
- UNDERGROUND SEWER
- SUSPENDED SEWER
- DRAIN TILE
- VENT PIPING
- UNION
- IT CO CLEANOUT PLUG
- IT WCO WALL CLEANOUT PLUG ("MI-FAB" #C1430-RD)
- FCO-1 FLOOR CLEANOUT ("MI-FAB" #C1200-C-5-3)
- FCO-2 FLOOR CLEANOUT ("MIFAB" #C1000-R-3)
- YCO YARD CLEANOUT ("MI-FAB" #C1100-XR)
- FD-1 FLOOR DRAIN ("MI-FAB" #F100X-C-5-3)
- FD-2 FLOOR DRAIN ("MI-FAB" #F1320-TFB-4)
- FD-3 FLOOR FUNNEL DRAIN ("MI-FAB" #F1100-C-EF-3)
- OSD OPEN SITE DRAIN
- AD AREA DRAIN ("MI-FAB" #F1020-01)
- F5 FLOOR SINK ("MI-FAB" #F5120-150-1-3) W/ 1/2 GRATE & SEDIMENT BUCKET
- RD ROOF DRAIN ("MI-FAB" #R1200-M-U-12)
- OD OVERFLOW ROOF DRAIN ("MI-FAB" #R1200-W-12)
- DSN DOWNSPOUT NOZZLE ("MI-FAB" #R1440-03-1)
- GV GATE VALVE ("NIBCO" #T-131)
- BV BALL VALVE ("NIBCO" #580-10)
- BV BALANCING VALVE ("NIBCO" #51710)
- CV CHECK VALVE ("NIBCO" #433)
- BFP BACKFLOW PREVENTER ("WATTS" SERIES SD-3)
- SC FROSTPROOF SILLCOCK ("WOODFORD" #B65)
- HB HOSE BIBB ("WOODFORD" #24P)
- RSC-1 ROOF FROSTPROOF SILLCOCK ("WOODFORD" #5RH-MS)
- YH YARD HYDRANT ("WOODFORD" #54H-5'-0")
- TD TRENCH DRAIN ("MIFAB" #T-1400-PGV-4-3 STAINLESS STEEL FRAME AND GRATE, "MI-FAB" #T1400-CB-020-PGV-4-3 CATCH BASIN)
- P STACK OR RISER DESIGNATION

FIXTURE SCHEDULE

- WC-1 WATER CLOSET, FLOOR SET, TANK TYPE "AMERICAN-STANDARD" BABY DEVORO #2315.2201 BABY BOWL, WATER ECONOMY, SIPHON JET, ELONGATED RIM, SOLID PLASTIC OPEN FRONT SEAT.
- L-1 LAVATORY EXISTING SINK AND FAUCET PROVIDE NEW "MCGUIRE" #PW-2125-WC-FRO OFFSET DRAIN WITH STRAINER, 1/2" SUPPLIES WITH STOPS, "SMITH" #100 LAVATORY SUPPORT, MOUNT A CHILDRENS HEIGHT 22" A.F.F. VERIFY HEIGHT WITH OWNER
- S-1 SINK INTEGRAL WITH COUNTERTOP BY OTHERS, "SYMMONS" #S-23 SYMMETRIX SINGLE LEVER FAUCET, #LK-49 DRAIN OUTLET, 1/2" SUPPLIES WITH STOPS AND "MI-FAB" #MI-SOLIDS, SOLIDS INTERCEPTOR
- THREE COMP SINK 3-COMPARTMENT SINK "ELKAY" #3C16X20-2-10X WITH "ELKAY" #LK-445DS2012T 5-INCHESPOUT FAUCET AND WASTE FITTINGS, STAINLESS STEEL LEGS AND 1/2" SUPPLIES AND STOPS
- EW-1 ELECTRIC BOTTLE FILLING STATION (HANDICAP) "ELKAY" #LZMS6RN(M)BK RECESSED, 0.0 GPH RATED CAPACITY, 280 WATTS, 1 PHASE, 120V., 1/2" SUPPLY WITH STOP AND 1-1/2" C.P. "F" TRAP



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MECHANICAL AND ELECTRICAL ENGINEERS

2635 Prato Avenue
Hoffman Estates, Illinois 60112
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www.wt-engineer.com

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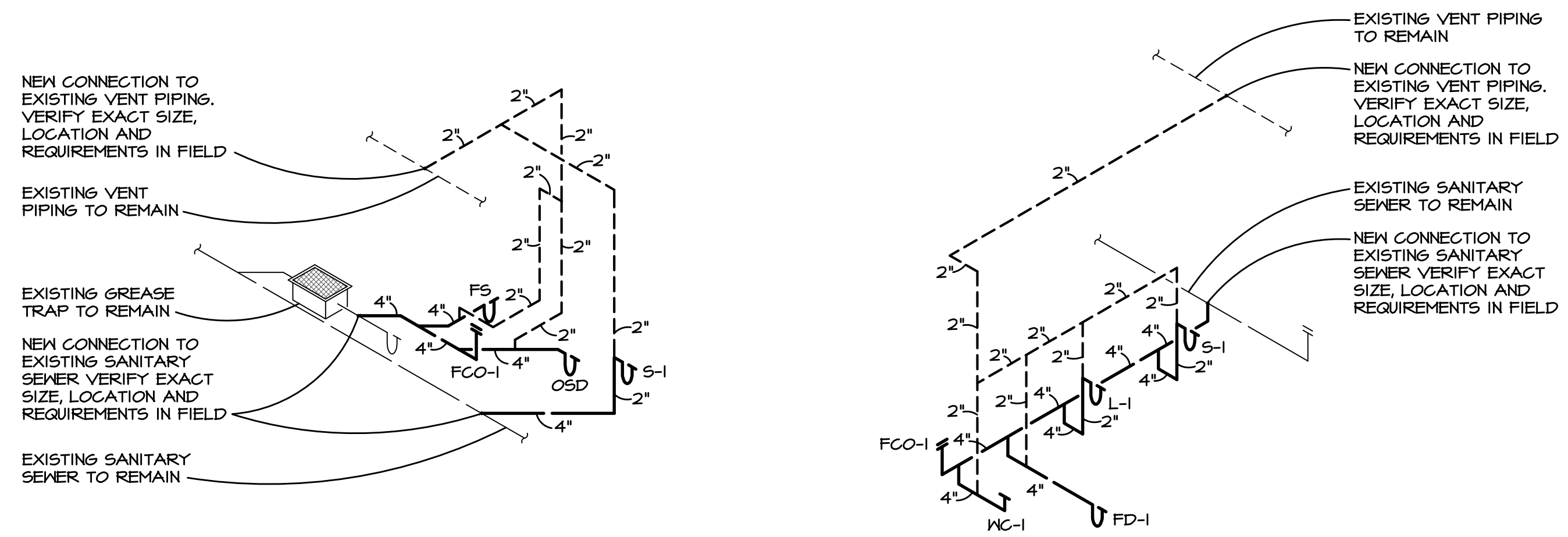


DIAGRAM-WASTE AND VENT PIPING

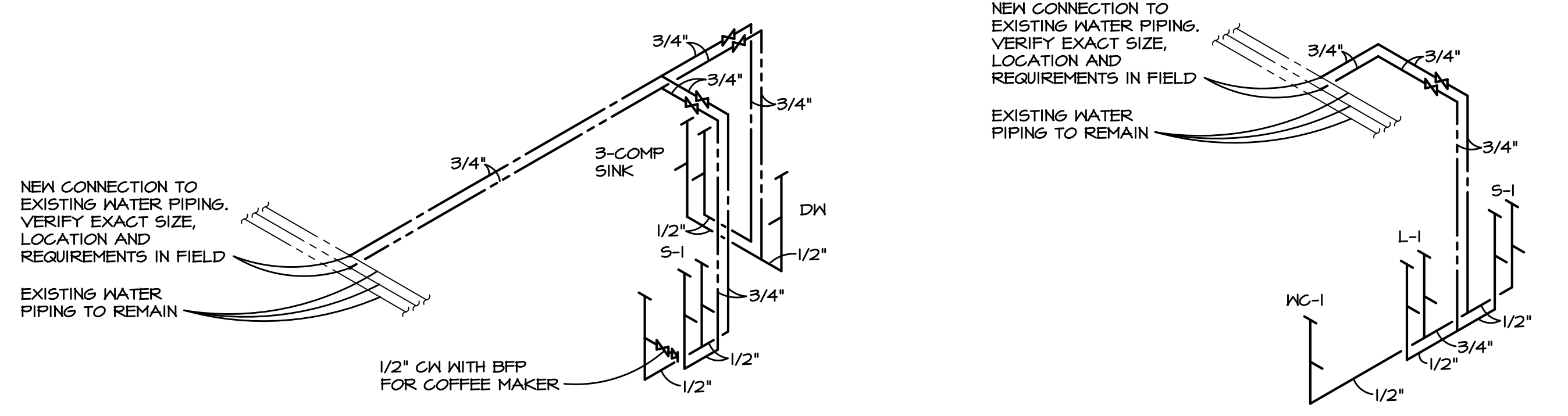
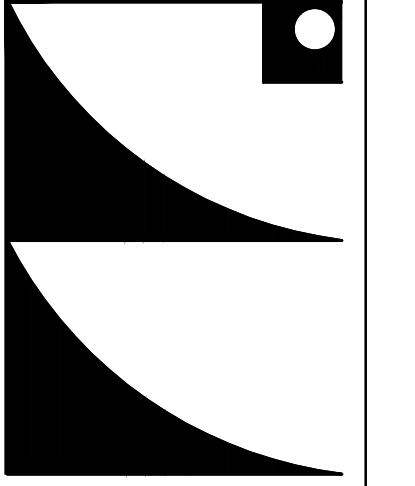


DIAGRAM-WASTE AND VENT PIPING

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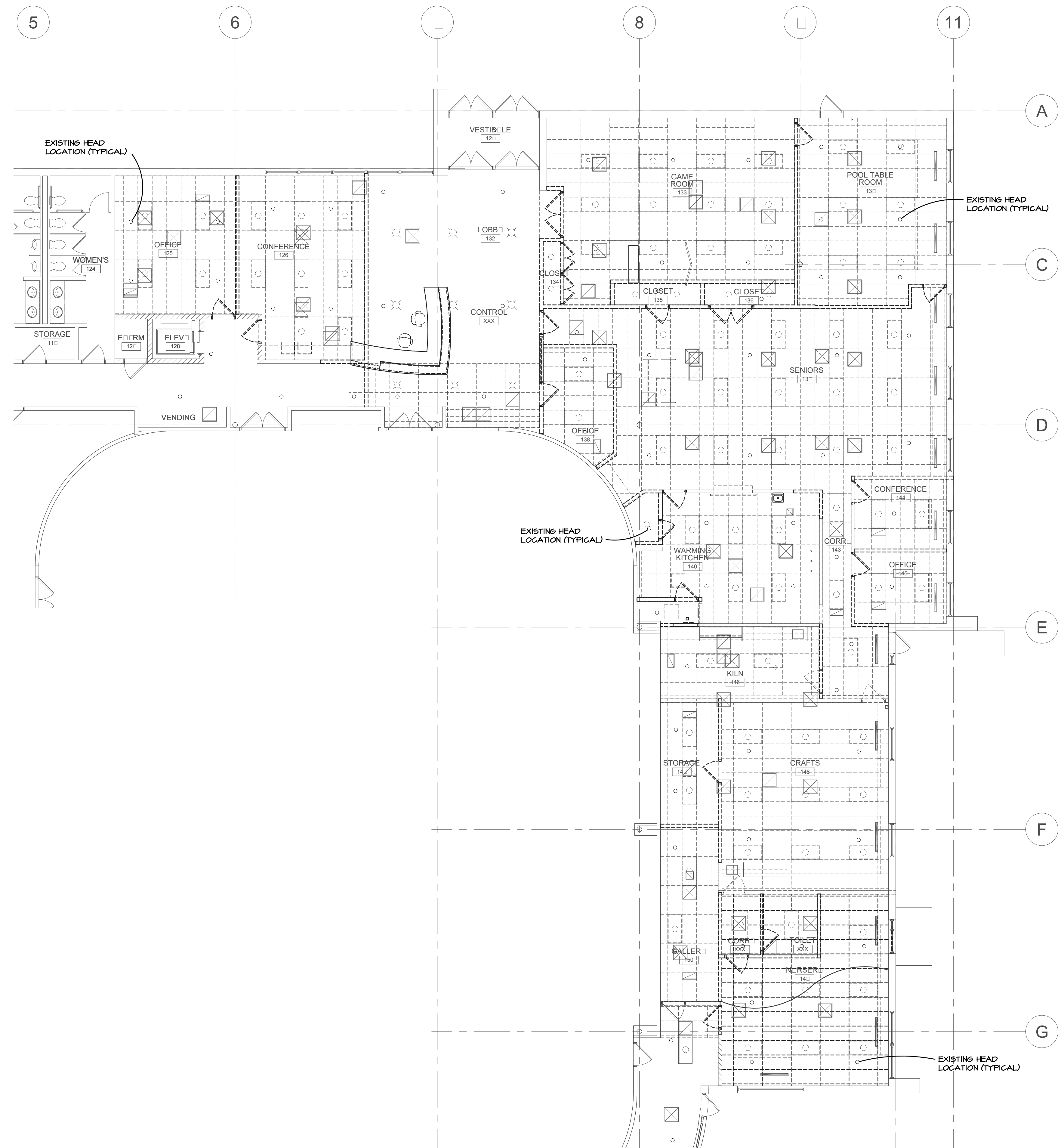
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ARCHITECTS PLANNERS
600 Park East, Suite 800, Hoffman, IL 60169
Phone 630-221-1212 / Fax 630-221-1220



FIRE PROTECTION
DEMOLITION
PLAN

FPD1.1



**W-T MECHANICAL/ELECTRICAL
ENGINEERING, LLC.**
MECHANICAL AND ELECTRICAL ENGINEERS
2615 Prato Avenue
Hoffman Estates, Illinois 60122
PH: 224-213-6333 FAX: 224-213-6444
www.wt-engineer.com
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