

PROJECT:
RELOCATION OF ANYTIME FITNESS
RENT ONE PLAZA
S. 42nd STREET
MT. VERNON, ILLINOIS 62864

ARCHITECT:



Round Table Design INC.

ARCHITECTURE - STRUCTURAL & PROFESSIONAL ENGINEERING - LAND SURVEYING

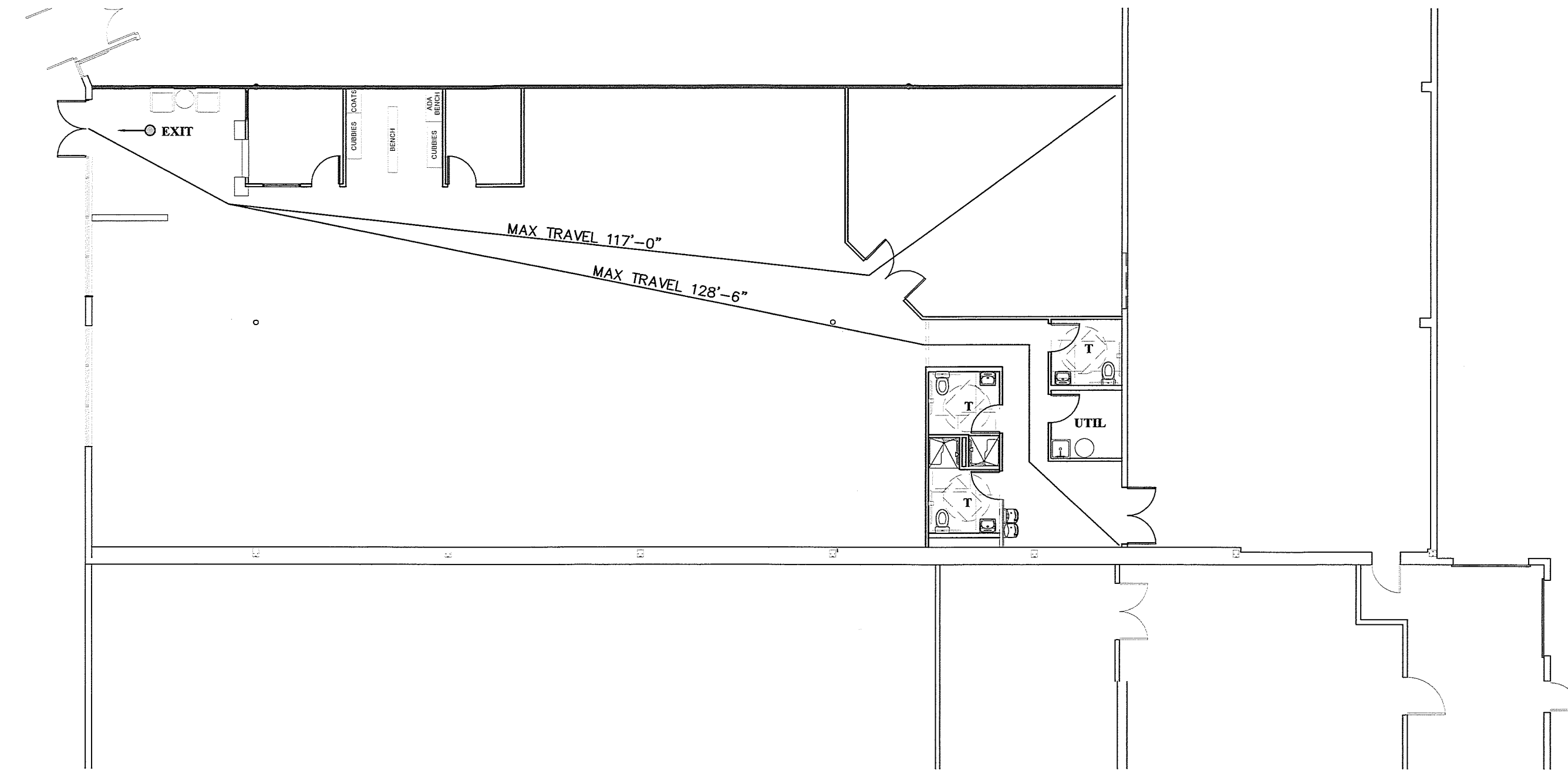
1020 MAIN STREET MT.VERNON ILLINOIS (618) 244-7819
 1457 HIGHWAY 145 S HARRISBURG ILLINOIS (618) 253-6017

CONFORMANCE STANDARDS

- ALL WORK AND MATERIALS OUTLINED ON THESE PLANS SHALL CONFORM WITH ALL APPLICABLE STANDARD SPECIFICATIONS AND CODES. CODES ARE SUBJECT TO LOCAL INTERPRETATION, THEREFORE, ROUND TABLE DESIGN, INC., IS NOT CERTIFYING OR GUARANTEEING IN ANY WAY THAT ALL ITEMS NECESSARY FOR CONFORMANCE WITH ALL NATIONAL OR LOCAL STANDARDS OR CODES HAVE BEEN ADDRESSED HEREON. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF BEING ANY NONCONFORMING ITEMS TO THE ATTENTION OF THE ARCHITECT OR OWNER AS NECESSARY TO ACHIEVE FULL COMPLIANCE WITH ALL CODES, WHETHER OR NOT REFERENCED HEREON.
- ROUGH OPENINGS AND OTHER DIMENSIONS SHOWN ARE GIVEN FOR INDICATING GENERAL LOCATION OF WINDOWS, DOORS, ETC. FINAL DIMENSIONS SHALL CONFORM WITH MANUFACTURER'S RECOMMENDATIONS AND ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE PROPERLY SIZED OPENINGS IN STUD FRAMING AND FOUNDATIONS.
- CARPENTRY, WOODWORK, AND RELATED MATERIALS SHALL CONFORM WITH THE PROVISIONS OF THE FOLLOWING SPECIFICATIONS AND GUIDELINES:
 - AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
 - AMERICAN WOOD PRESERVERS INSTITUTE
 - NATIONAL FOREST PRODUCTS ASSOCIATION
 - NORTHERN HARDWOOD AND PINE MANUFACTURERS ASSOCIATION
 - TRUSS PLATE INSTITUTE
 - SOUTHERN PINE INSPECTION BUREAU
 - WEST COAST LUMBER INSPECTION BUREAU
 - WESTERN WOOD PRODUCTS ASSOCIATION
- ALL EXTERIOR WINDOWS, DOORS AND OTHER OPENINGS ARE TO BE CAULKED OR WEATHER SEALED.
- ALL MEANS OF INGRESS AND EGRESS SHALL CONFORM TO APPLICABLE PROVISIONS OF ILLINOIS ACCESSIBILITY CODE, BOCA, NFPA, OSHA, AND AMERICANS WITH DISABILITIES ACT.

ABBREVIATION LEGEND :

AC T	ACOUSTIC TILE	DS	DOWNSPOUT	LLH	LONG LEG HORIZONTAL	RM.	ROOM
ALUM.	ALUMINUM	DWG	DRAWING	LLV	LONG LEG VERTICAL	R.O.	ROUGH OPENING
ARCH.	ARCHITECTURAL	EA	EACH	LR.	LIVING ROOM	S&V	STAIN & VARNISH
AVG.	AVERAGE	ELEV.	ELEVATION	LT.	LIGHT	SC.	SOLID CORE
BLK.	BLOCK	EMB.	EMBEDDED	MACH.	MACHINE	SCHED.	SCHEDULE
BPL.	BEARING PLATE	ENT	ENTRANCE	MATL.	MATERIAL	SECT.	SECTION
BR.	BRICK	E.W.	EACH WAY	MANUF.	MANUFACTURER	SHT.	SHEET
CAR.	CARPET	EXIST.	EXISTING	MAX.	MAXIMUM	SPECS.	SPECIFICATIONS
CAT.	CATALOG	EXT.	EXTENSION	MEZZ.	MEZZANINE	S.F.	SQUARE FOOT
CMU	CONCRETE MASONRY UNIT	FIG.	FIGURE	MTL.	METAL	STL.	STEEL
CEM.	CEMENT	FIN.	FINISH	MIN.	MINIMUM	STOR.	STORAGE
CTS.	CENTERS	FLR.	FLOOR	M.O.	MASONRY OPENING	STRUC.	STRUCTURAL
C.TO C.	CENTER TO CENTER	FLR.	FLOOR	N.I.C.	NOT IN CONTRACT	SUSP.	SUSPENDED
C.T.	CERAMIC TILE	FTG.	FOOTING	NO.	NUMBER	T.	TREAD
CLG.	CEILING	GA	GAUGE	NOM.	NOMINAL	TH.	THICKNESS
COL.	COLUMN	GALV.	GALVANIZED	NTS	NOT TO SCALE	THRESH.	THRESHOLD
CONC.	CONCRETE	GND.	GROUND	O.C.	ON CENTER	TYP.	TYPICAL
CONSTR.	CONSTRUCTION	HC.	HOLLOW CORE	O.D.	OUTSIDE DIAMETER	UNFIN.	UNFINISHED
CONT.	CONTINUOUS	HDWR.	HARDWARE	P	PAINT	UR	URNAL
CONTR.	CONTRACTOR	HM.	HOLLOW METAL	PL.	PLATE, PLASTER	V	VINYL
CW	COLD WATER	HORIZ.	HORIZONTAL	PLN	PLAN	V.T.	VERTICAL
DET.	DETAIL	HT.	HEIGHT	PLYWD	PLYWOOD	VEST.	VESTIBULE
DET.L.	DETAIL DRINKING FOUNTAIN	HW	HOT WATER	Q.T.	QUARRY TILE	W	WIDTH
DIA.	DIAMETER	I.D.	INSIDE DIAMETER	R.	RISER, RADIUS	WC	WATER CLOSET
DIM.	DIMENSION	INSUL.	INSULATION	REBAR	REINFORCING BAR	WD	WOOD
DN	DOWN	INT.	INTERIOR	REINF.	REINFORCE	WDW	WINDOW
DR	DOOR	LAV.	LAVATORY	REF.	REFERENCE	WP	WATER PROOF



DESIGN STANDARDS:

- INTERNATIONAL BUILDING CODE - 2006
- ILLINOIS STATE PLUMBING CODE - 2006
- INTERNATIONAL MECHANICAL CODE - 2006
- NATIONAL ELECTRIC CODE - 2006
- NFPA LIFE SAFETY CODE - 2000
- ILLINOIS ACCESSIBILITY CODE - LATEST EDITION
- FEDERAL ACCESSIBILITY CODE - 2010

OCCUPANCY / USE A-3 ASSEMBLY
 ref. Sec. 303
 CONSTRUCTION TYPE TYPE 5-B COMBUSTIBLE / PROTECTED
 ref. Sec. 602

GENERAL BUILDING LIMITATIONS
 ref. tbl. 503

ALLOWABLE AREA/HEIGHT	6,000 S.F., 1 st.
SPRINKLER INCREASE	300%, 1st.
ALLOWABLE AREA/HEIGHT (Including allowable increases)	18,000 S.F., 3 st.
ACTUAL AREA/HEIGHT	5,295 S.F., 1st.

(A-3 OCCUPANCY)

5,295 S.F. (ACTUAL) < 18,000 S.F. (ALLOWABLE) OK

FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS/AREAS
 ref. tbl. 601, 705.2

STRUCTURAL FRAME	0 hour
EXTERIOR WALLS:	0 hour
LOAD BEARING	2 hour
NON-LOAD BEARING	0 hour
INTERIOR WALLS:	0 hour
LOAD BEARING	0 hour
NON-LOAD BEARING	0 hour (> than 30' to pl.)
FLOOR CONSTRUCTION	0 hour
ROOF CONSTRUCTION	0 hour

OCCUPANT FLOOR AREA ALLOWANCES
 ref. tbl. 1004.1.2

A-3 EXERCISE AREAS	50 s.f. per. occ. [x 4,275 s.f.] = 86 occupants
ACCESSORY AREAS	
Storage, Mechanical, & Toilet Rms.	300 s.f. per. occ. [x 1020 s.f.] = 3 occupants
TOTAL OCCUPANT LOAD	89 OCCUPANTS

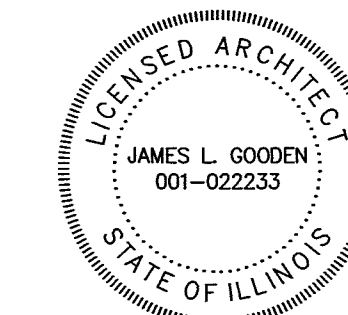
EXIT REQUIREMENTS: 89 OCC. x .2"/PER. = 32"(REQ'D. MIN.) (72" PROVIDED)
 ref. tbl. 1005.1

FIRE SUPPRESSION SYSTEMS ENTIRE BUILDING IS EQUIPPED
 ref. sec. 903 W/ AN AUTOMATIC SPRINKLER SYSTEM

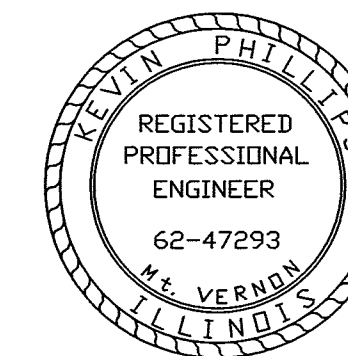
MANUAL FIRE ALARM/
 AUTOMATIC FIRE DETECTION SYSTEM
 ref. sec. 907

INDEX

- T-1 TITLE SHEET
- A-1 FLOOR PLANS, NOTES, AND DETAILS
- A-2 TYP. WALL SECTION, NOTES, AND DETAILS
- P-1 PLUMBING PLANS, NOTES, AND DETAILS
- E-1 ELECTRICAL PLANS, NOTES, AND DETAILS



I, THE UNDERSIGNED, HAVE PREPARED OR CAUSED TO HAVE PREPARED THE FOLLOWING SHEETS (SHEETS T-1 & A-1 UNDER MY DIRECT SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH ALL APPLICABLE CODES.
 SIGNED, *James L. Gooden*
 LICENSE EXP. DATE: 11/30/16



I, THE UNDERSIGNED, HAVE PREPARED OR CAUSED TO HAVE PREPARED THE FOLLOWING SHEETS (SHEET M-1 AND M-2 UNDER MY DIRECT SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH ALL APPLICABLE CODES.
 SIGNED, *Kevin J. Phillips*
 LICENSE EXP. DATE: 11/30/2017

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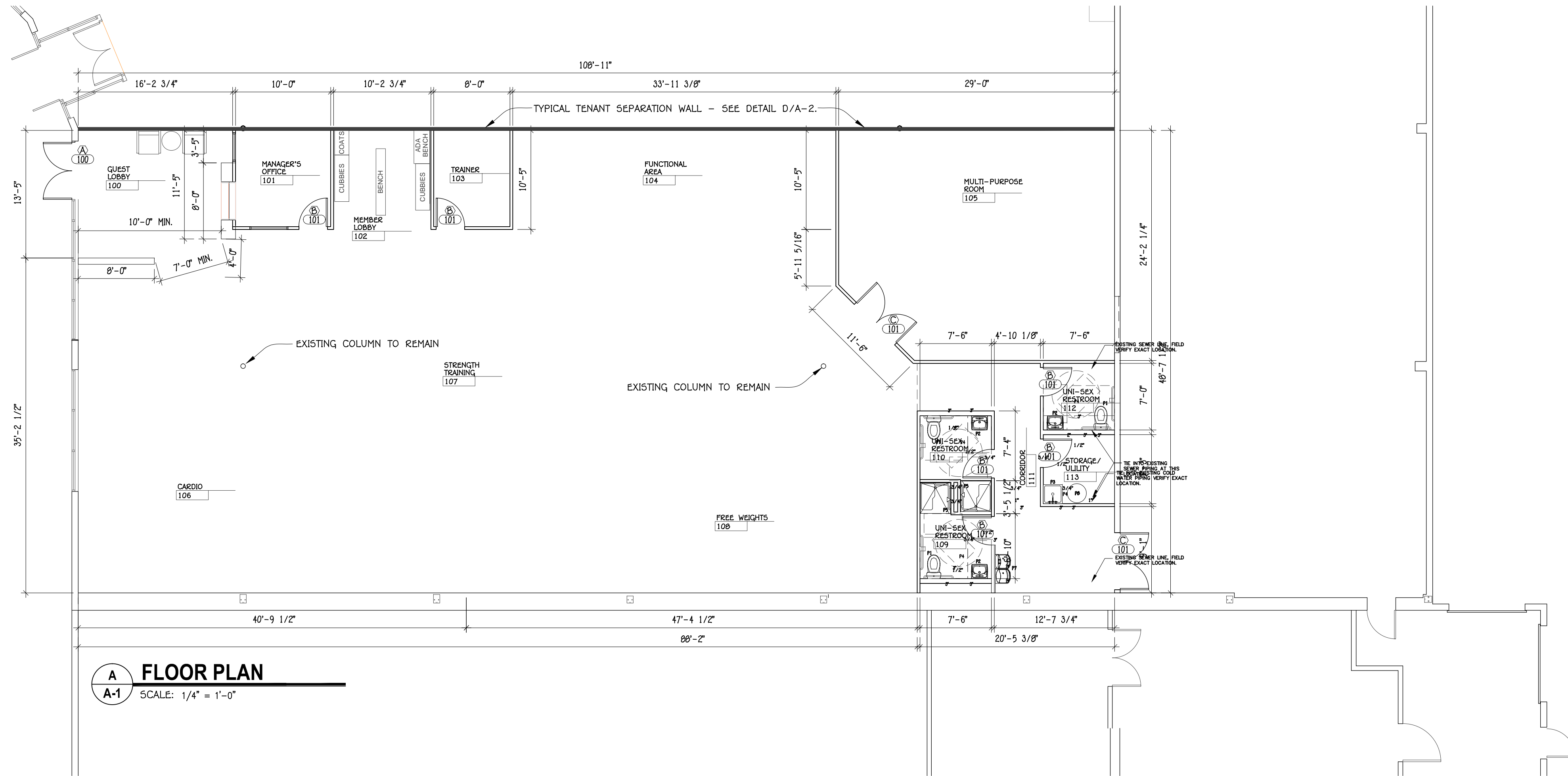
JOB NAME: RELOCATE ANYTIME FITNESS AT RENT ONE PLAZA - MT. VERNON, IL

DRAWING TITLE: TITLE/COVER SHEET

FILE # 1152590
 JOB NUMBER 1152590
 ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-001614
 DWG BY: JM
 APP. BY: JG/KLP
 DATE: December 28, 2015

SHEET:

1 = 1



A
A-1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND

- INDICATES EXTERIOR WALL CONSTRUCTION CONSISTING OF 26 GA. METAL WALL PANELS ON 8-1/4" ZEE GIRTS W/ 4" VINYL FACED INSULATION.
- INDICATES TENANT SEPARATION WALL - SEE DETAIL ON A-2
- INDICATES INTERIOR PARTITION OF 5/8" TYPE "X" GYP. BD. ON BOTH SIDES OF METAL STUDS AT 16" O.C. SEE DETAIL ON SHEET A-2

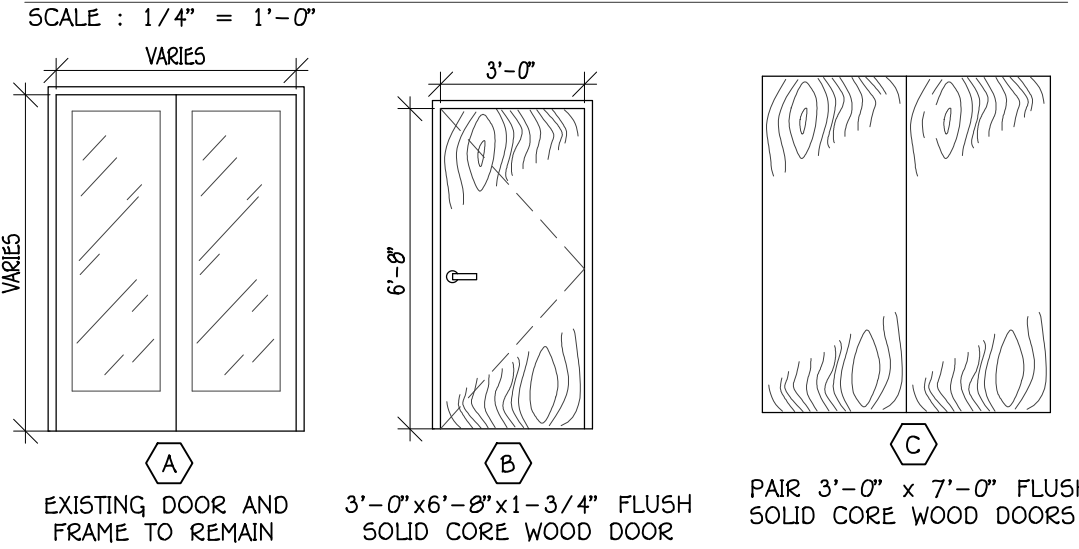
GENERAL NOTES

- ALL DIMENSIONS ARE SHOWN FACE TO FACE OF FRAMING MEMBERS, EXCLUDING SHEATHING AND/OR FINISH.
- ALL EXTERIOR WALLS SHALL HAVE A MIN. 6 MIL VAPOR BARRIERS APPLIED TO THE ROOM SIDE OF THE WALL FORMS COVERING THE WALL INSULATION. THE VAPOR BARRIER SHALL EXTEND THE FULL HEIGHT OF THE WALL, OR TO A LINE ABOVE THE BOTTOM OF THE ATTIC INSULATION.
- SIGNAGE SHALL BE POSTED SHOWING THE MAXIMUM OCCUPANT LOAD OF THE BUILDING AND EACH AREA.
- ALL WALLS IN SHAFTS, STOREROOMS, CLOSETS, AND PANTRY SHALL BE TIGHT AND CONTINUOUS FROM THE FLOOR TO THE UNDERSIDE OF THE FLOOR/CEILING OR ROOF/CEILING ASSEMBLY

ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	REMARKS
				N	S	E	W			
100	GUEST LOBBY	F4	B2	W1	W1	W1	W1	C1	VARIABLES	
101	MANAGER'S OFFICE	F1	B2	W1	W1	W1	W1	C2	10'-0"	
102	MEMBER LOBBY	F4	B2	W1	W1	W1	W1	C2	10'-0"	
103	TRAINER	F1	B2	W1	W1	W1	W1	C2	10'-0"	
104	FUNCTIONAL AREA	F3	B2	W1	W1	W1	W1	C1	VARIABLES	
105	MULTI-PURPOSE ROOM	F5	B2	W1	W1	W1	W1	C2	13'-0"*	
106	CARDIO	F1	B2	W1	W1	W1	W1	C1	VARIABLES	
107	STRENGTH TRAINING	F1	B2	W1	W1	W1	W1	C1	VARIABLES	
108	FREE WEIGHTS	F2	B2	W1	W1	W1	W1	C1	VARIABLES	
109	UNI-SEX RESTROOM	F4	B1	W2	W2	W2	W2	C2	9'-0"	
110	UNI-SEX RESTROOM	F4	B1	W2	W2	W2	W2	C2	9'-0"	
111	CORRIDOR	F4	B2	W1	W1	W1	W1	C2	10'-0"	
112	UNI-SEX RESTROOM	F4	B1	W2	W2	W2	W2	C2	9'-0"	
113	STORAGE/UTILITY	F6	B1	W1	W1	W1	W1	C1	VARIABLES	

ROOM FINISH DESCRIPTIONS	
FLOORING	
F1	CARPET
F2	RUBBER
F3	TURF
F4	PORCELAIN TILE
F5	VINYL PLANK
F6	STAINED CONCRETE
BASE	
B1	PORCELAIN TILE
B2	VINYL COVE
WALLS	
W1	5/8" TYPE "X" GYPSUM BOARD, TAPED & PAINTED.
W2	5/8" TYPE "X" MOISTURE RESISTANT GYPSUM BOARD, TAPED & PAINTED.
CEILING	
C1	OPEN TO ABOVE
C2	ACOUSTICAL TILE AND GRID SYSTEM.
FINISH NOTES	
REFER TO BRAND SPECIFIC SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS AND PRODUCT SELECTIONS.	

DOOR TYPE ELEVATIONS



DOOR TYPE SCHEDULE					
MK	#	SIZE	FRAME	STYLE	DESCRIPTION
A	1	6'-0"x7'-0"x1-3/4"	ALUM. CLAD	FLUSH	NARROW STILE w/ 1" BRONZE INSUL. TEMP., GLASS IN BRONZE PTD. ALUM. FRAMES
B	6	3'-0"x6'-8"x1-3/4"	HOLLOW METAL	FLUSH	SOLID CORE WOOD DOOR
C	2	6'-0"x6'-8"x1-3/4"	HOLLOW METAL	FLUSH	SOLID CORE WOOD DOOR

- NOTES:**
- ALL INTERIOR HOLLOW CORE WOOD DOORS SHALL BE PREFINISHED HARDBOARD DOORS IN PREFINISHED HOLLOW METAL FRAMES.
 - ALL HARDWARE SHALL COMPLY WITH H.C. ACCESSIBILITY CODE
 - ALL EGRESS DOORS SHALL BE OPERABLE IN THE DIRECTION OF EGRESS WITHOUT THE USE OF A KEY.
 - DOORS TO BE USED AS ACCESSIBLE ENTRANCES SHALL HAVE THRESHOLDS NOT GREATER THAN 3/4" FOR SLIDING DOORS OR 1/2" FOR ALL OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
 - HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT FINCHING, OR TWISTING OF THE WRIST TO OPERATE. DOOR HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F. DOOR CLOSURES SHALL BE ADJUSTED SO THAT THE SWING PERIOD FROM THE OPEN POSITION OF 70° WILL BE A MINIMUM OF 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED FROM THE LEADING EDGE OF THE DOOR. THE MAXIMUM FORCE FOR PUSHING OR PULLING A DOOR OPEN SHALL BE 5 LB. UNLESS THIS REQUIREMENT CONFLICTS WITH LOCAL FIRE SAFETY AUTHORITIES.
 - PROVIDE CLOSURES ON RESTROOM AND MECHANICAL ROOM DOORS

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JOB NAME: **RELOCATE ANYTIME FITNESS AT RENT ONE PLAZA - MT. VERNON, IL**

DRAWING TITLE: **PLAN, NOTES, AND DTLs.**

FILE NAME: 1152590
JOB NUMBER: 1152590

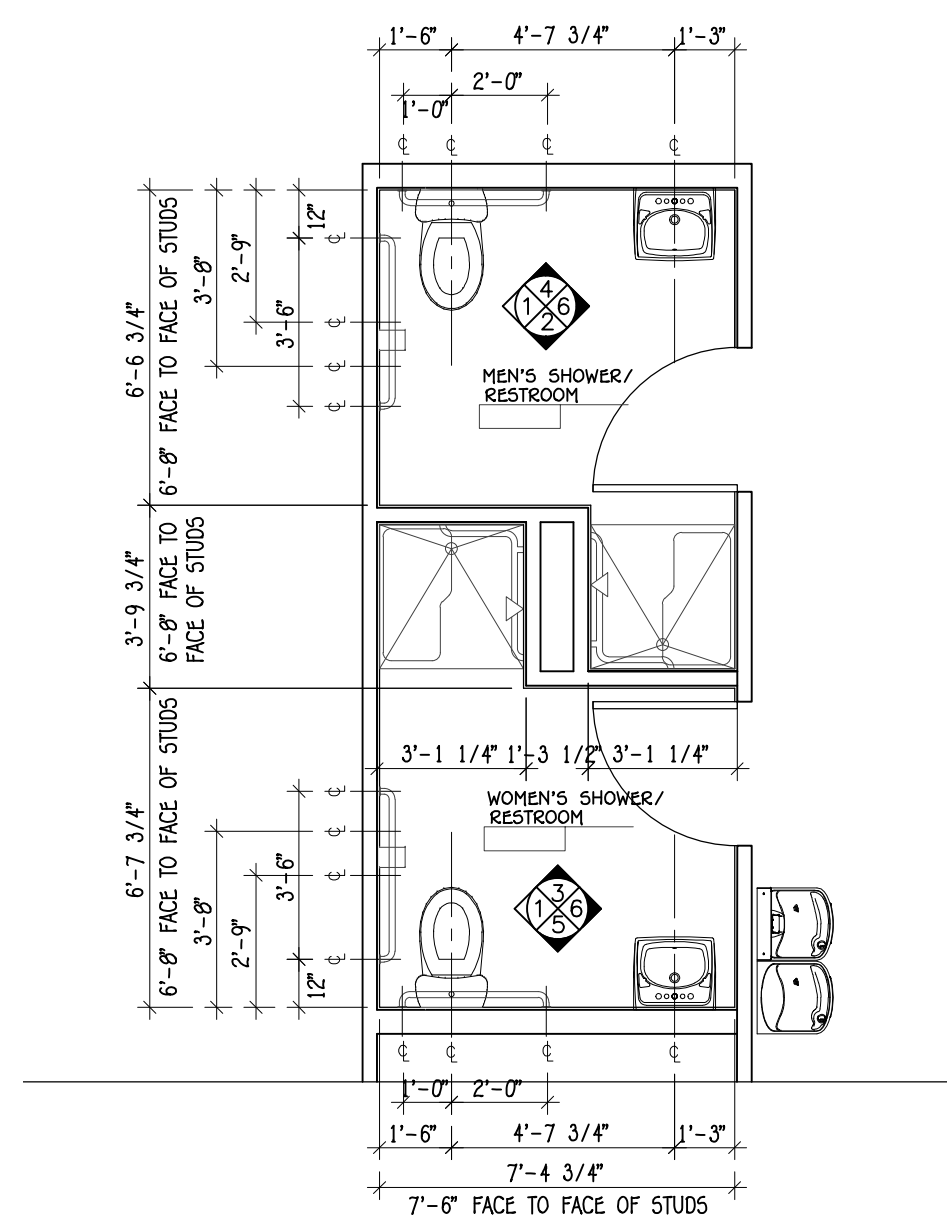
DWN BY: JM
APP. BY: JG/KP

DATE: December 28, 2015

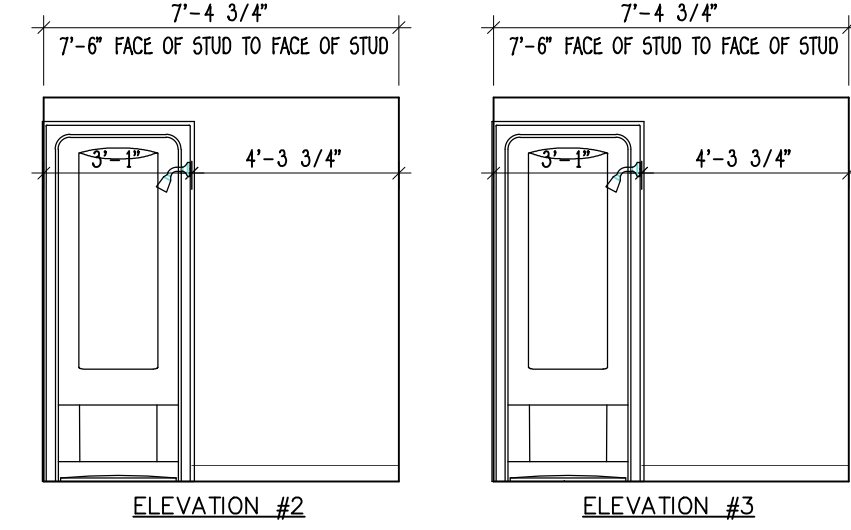
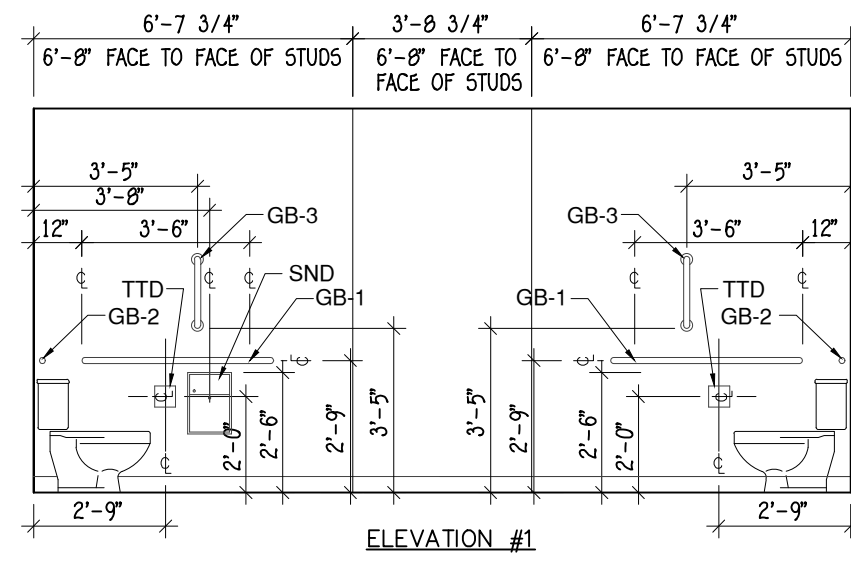
ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 10A-001614

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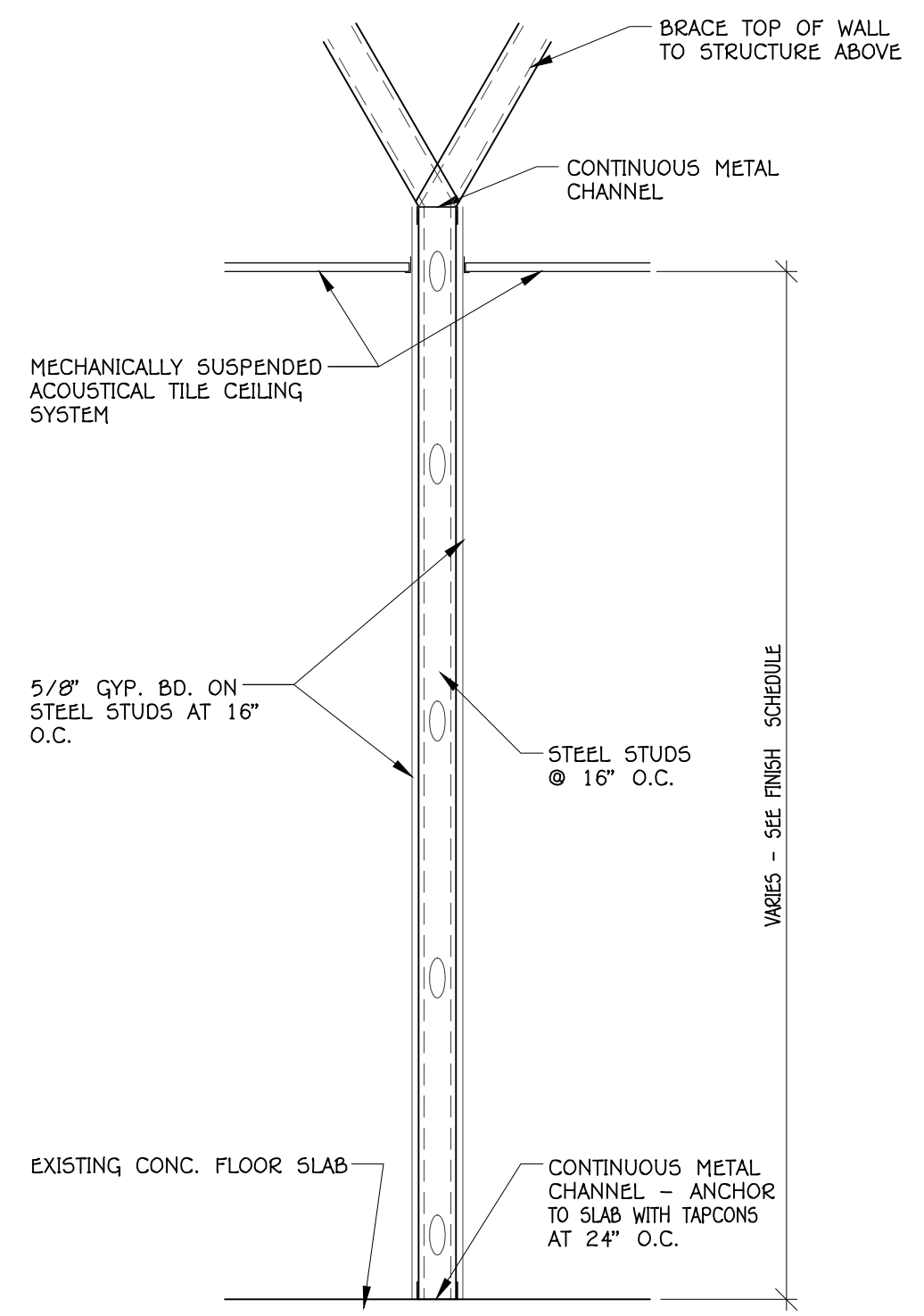
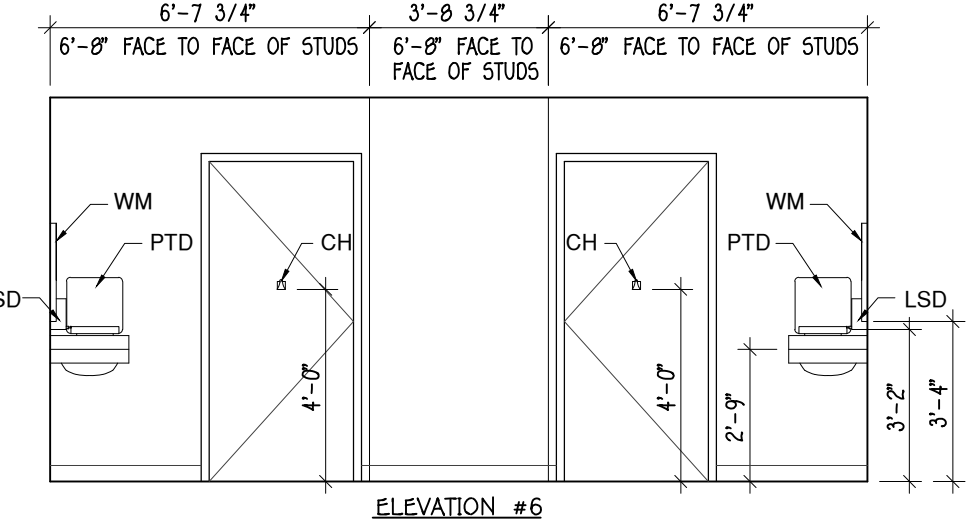
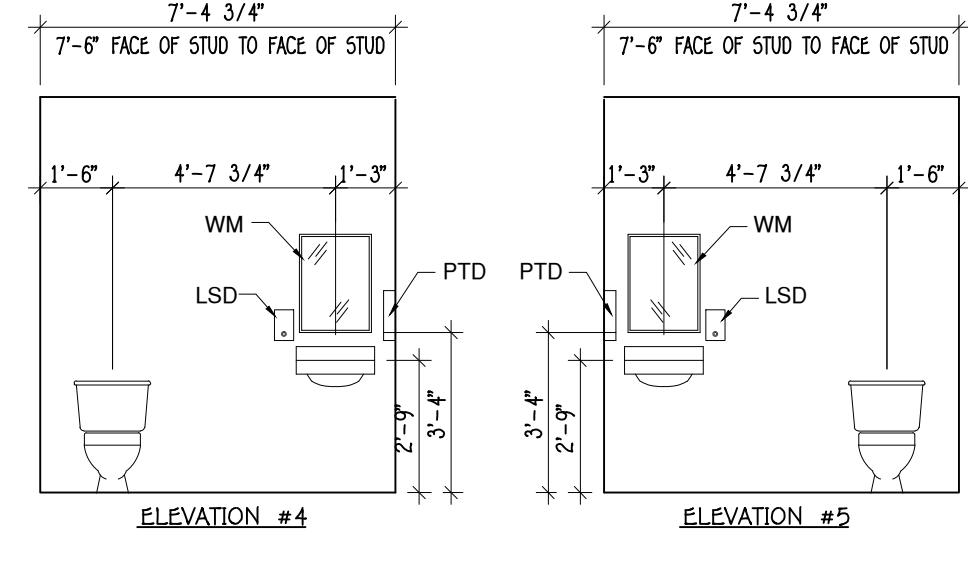
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A
A-2 **ENLARGED TOILET PLANS**
SCALE: 1/4" = 1'-0"



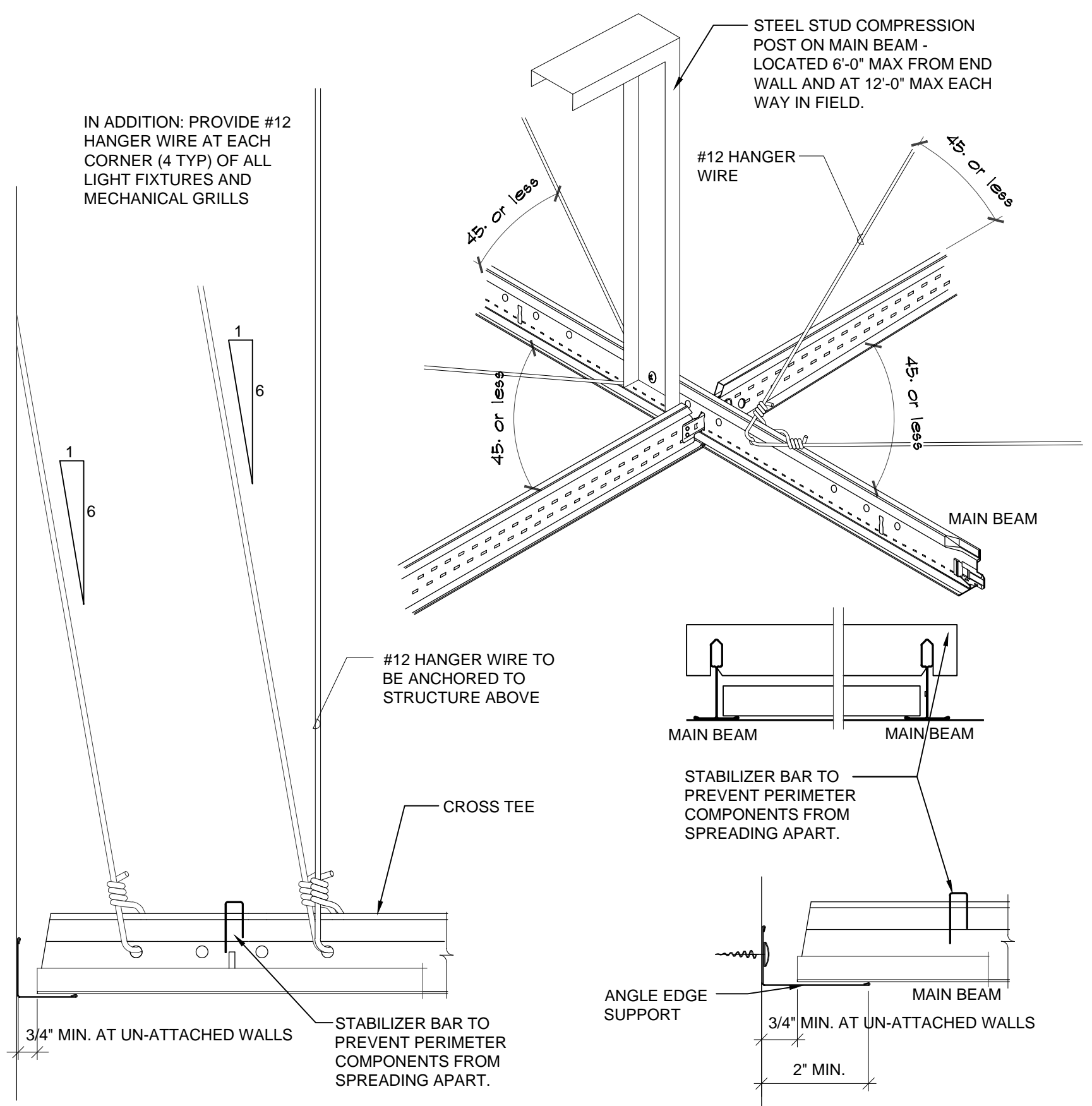
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A-2 **TOILET ELEVATIONS**
SCALE: 1/4" = 1'-0"



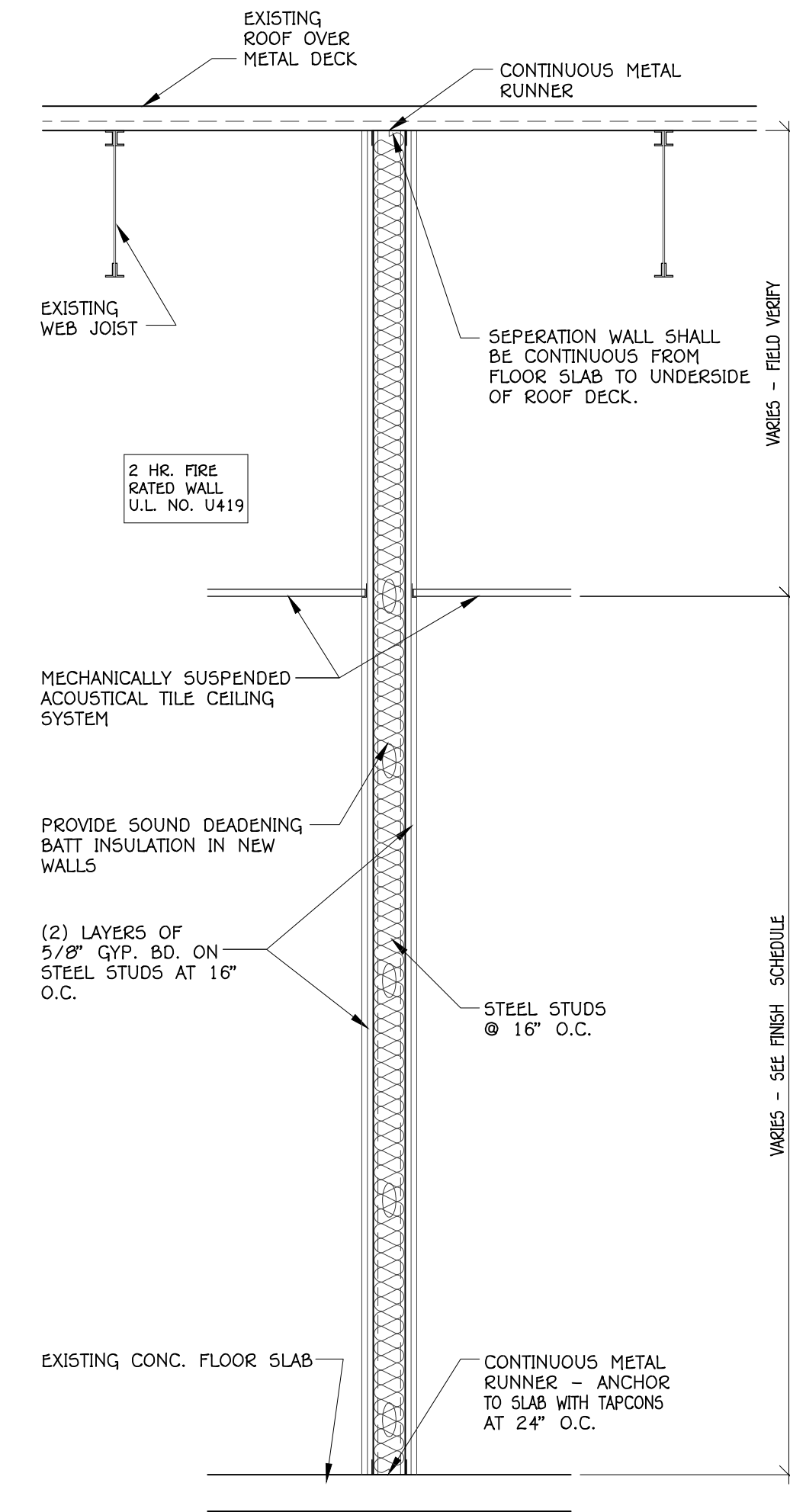
C
A-2 **TYP. STEEL STUD WALL DETAIL**
SCALE: 3/4" = 1'-0"

TOILET ACCESSORY SCHEDULE			
PLAN MARK	DESCRIPTION	BOBBICK MODEL NO.	MOUNTING HEIGHT
GB-1	42" GRAB BAR	B-6206X42"	33-36" TO C.L.
GB-2	36" GRAB BAR	B-6206X36"	33-36" TO C.L.
GB-3	18" VERTICAL GRAB BAR	B-6206X18"	41" TO BOT. OF BAR
TTD	DUAL ROLL TOILET TISSUE DISPENSER	B-2888	19" MIN.
SND	SANITARY NAPKIN DISPOSAL	B-270	25"-30" TO LID
LSD	LIQUID SOAP DISPENSER	B-4112	38" TO CONTROLS
WM	FRAMELESS STAINLESS STEEL TILT MIRROR, 24"x36"	B-1556	TOP OF LAV.
PTD	PAPER TOWEL DISPENSER	B-4362	48" TO TOWELS
EHD	ELECTRIC HAND DRYER	B-7128	38" TO CONTROLS
CH	COAT HOOK		48" TO HOOK

- ACCESSIBILITY REQUIREMENTS**
- HEIGHT OF WATER CLOSET SHALL BE 1'-5" TO 1'-7" MEASURED FROM THE FLOOR TO THE TOP OF THE TOILET SEAT.
 - GRAB BARS SHALL BE MOUNTED 2'-9" TO 3'-0" A.F.F. AND PARALLEL TO THE FLOOR. GRAB BAR OUTSIDE DIAMETER SHALL BE 1 1/4" TO 1 1/2". GRAB BAR LENGTH MOUNTED ON SIDE WALL SHALL BE A MIN. OF 3'-6". GRAB BAR LENGTH MOUNTED ON REAR WALL OF WATER CLOSET SHALL BE A MIN. OF 2'-0" FOR EXIST. TOILET AND A MIN. OF 3'-0" FOR NEW.
 - TOILET PAPER DISPENSER SHALL BE 1'-7" FROM CENTERLINE OF DISP. RAIL TO FIN. FLOOR AND PERMIT CONTINUOUS FEED.
 - TOILET STALL DOOR OPENINGS SHALL BE MIN. 2'-8" CLEAR.
 - URINAL HEIGHT SHALL BE 17" MAX. FROM FLOOR TO LIP.
 - LAVATORY HEIGHT SHALL BE 2'-5" FROM FLOOR TO BOTTOM OF APRON AND MAX. 2'-10" TO LAVATORY LIP.
 - FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
 - MIRRORS SHALL BE MAX. 3'-4" A.F.F. TO BOTTOM OF MIRROR.
 - DOOR SIGNS SHALL BE ON THE DOOR OR ON THE LATCH SIDE OF THE DOOR AT A MIN. 4'-6" MAX. 5'-6" A.F.F.



E
A-2 **SUSPENDED CEILING SEISMIC SUSPENSION**
SCALE: NONE



D
A-2 **TYP. TENANT SEPERATION WALL**
SCALE: 3/4" = 1'-0"

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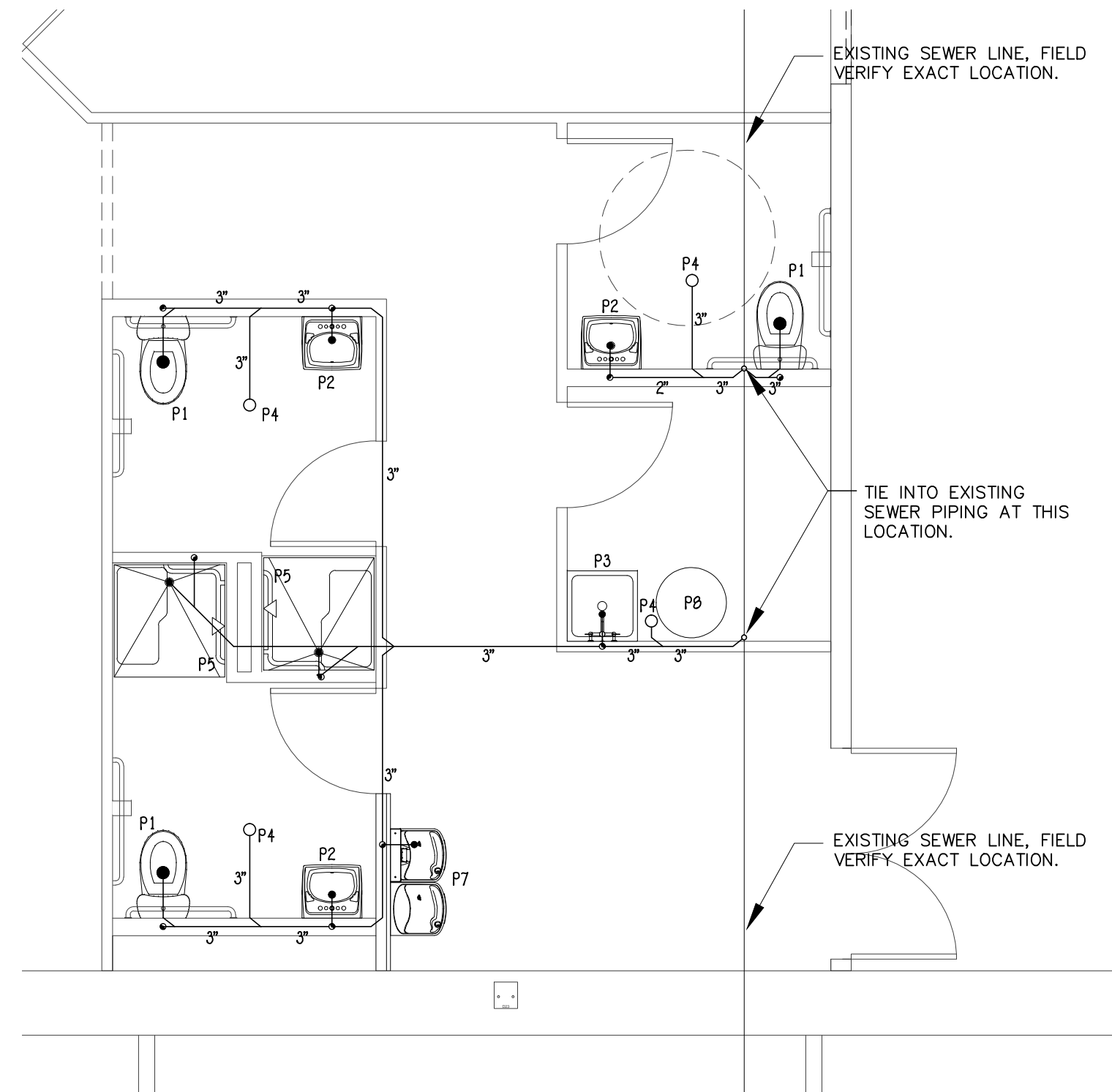
FILE NAME: 1152590
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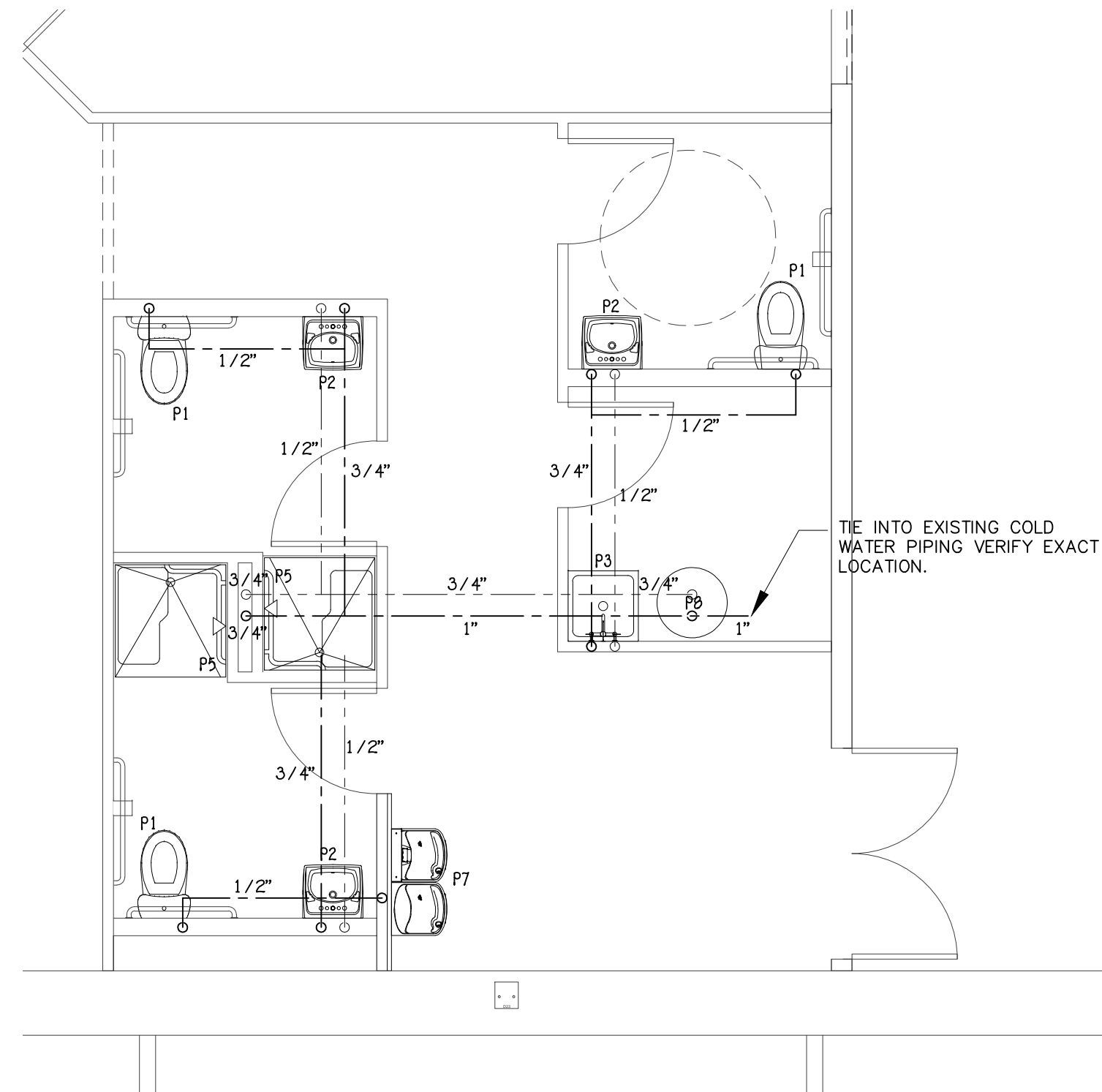
DESIGNER: JM
DRAWN BY: JM

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 10A-001614

SHEET: **A-2**



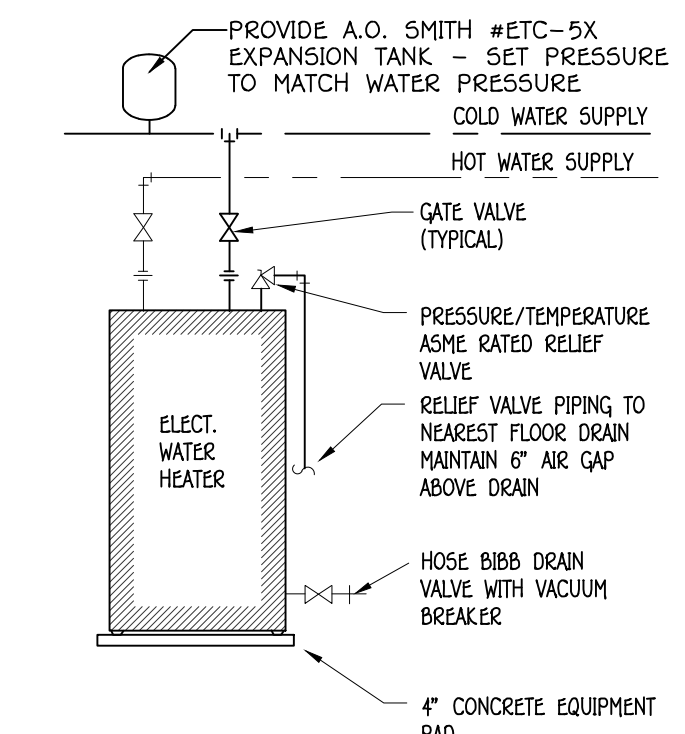
A PLUMBING PLAN
M-2 SCALE: 1/4" = 1'-0"



A PLUMBING PLAN
M-2 SCALE: 1/4" = 1'-0"

PLUMBING SYMBOLS LEGEND:

- COLD WATER PIPING (CW)
- HOT WATER SUPPLY PIPING (HWS)
- PIPE RISE - ELBOW UP
- PIPE DROP - ELBOW DOWN
- PIPE RISE - TEE UP
- PIPE DROP - TEE DOWN
- ⊗ GATE VALVE
- WASTE PIPING
- VENT PIPING
- C.O. CLEANOUT (C.O.)
- VENT RISER
- CONTINUOUS WASTE AND VENT RISER
- ⊕ FLOOR DRAIN (F.D.)
- P1 FIXTURE DESIGNATION
- PVC CLEAN-OUT, BELOW FLOOR



EQUIPMENT CONNECTION SCHEDULE					
MARK	DESCRIPTION	WASTE	VENT	COLD WATER	HOT WATER
P1	WATER CLOSET	3"	2"	1/2"	-
P2	LAVATORY	2"	1 1/2"	1/2"	1/2"
P3	MOP SINK	2"	1 1/2"	1/2"	1/2"
P4	FLOOR DRAIN	3"	1 1/2"	-	-
P5	SHOWER	3"	-	1/2"	1/2"
P6	CLEAN OUT	4"	-	-	-
P7	DRINKING FOUNTAIN	2"	1 1/2"	1/2"	-

PLUMBING FIXTURE SCHEDULE							
MARK	FIXTURE TYPE	MANUFACTURER AND CAT. NO.	COLOR	SUPPLY CAT. NO.	FAUCET CAT. NO.	TRAP CAT. NO.	ACCESSORY CAT. NO.
P1	HANDICAP WATER CLOSET	AMERICAN STANDARD 2108-408	WHITE	McGUIRE 150		INTEGRAL	OLSONITE 95 SEAT
P2	LAVATORY	AMERICAN STANDARD 0355-012	WHITE	McGUIRE 150	SYMMONS S-60-H	McGUIRE 8902	GRID STRAINER AND TAIL-PIECE, McGUIRE 155A INSULATE PIPING
P3	MOP SINK	SWANSTONE MS-2424 BASIN			CHICAGO 887-ROF		
P4	FLOOR DRAIN	ZURN Z-415	POLISHED BRONZE			INTEGRAL	
P5	SINGLE SHOWER	BARRIER FREE LCS4038A5T	WHITE		DELTA T13H152 R10000-UNWS		
P6	CLEANOUT	ZURN Z-1400-3	POLISHED BRONZE				
P7	BI-LEVEL DRINKING FOUNTAIN	ELKAY EZSTL8WSLK					
P8	ELECTRIC WATER HEATER	A.O. SMITH GDHE-50					

NOTES:

ALL PLUMBING WORK SHALL COMPLY WITH ILLINOIS DEPARTMENT OF PUBLIC HEALTH AND STATE OF ILLINOIS PLUMBING CODE

ALL DRAIN LINES 3" DIAMETER OR LESS SHALL BE INSTALLED WITH A GRADE OF 1/4" PER FT. MINIMUM.

ALL DRAIN LINES 4" DIAMETER OF LARGER SHALL BE INSTALLED WITH A GRADE OF 1/8" PER FT. MINIMUM.

ALL VENT PIPING SHALL BE INSTALLED WITH A SLOPE OF 1/8" PER FT. MINIMUM.

ALL VERTICAL AND HORIZONTAL PIPE SUPPORTS SHALL BE PLACED AT 48" O.C. MAX. AND AT ALL BRACKETS AND CHANGE OF DIRECTIONS OR ELEVATIONS. SECURE WITH NAILED GUSSET PLATES, BLOCKS, OR PIPE STRAPS.

ALL TRAP TO VENT MAXIMUM ALLOWED DISTANCE SHALL BE
 1-1/4" DRAIN ————— DISTANCE 2'-6"
 1-1/2" DRAIN ————— DISTANCE 3'-6"
 2" DRAIN ————— DISTANCE 4'-0"
 3" DRAIN ————— DISTANCE 5'-0"
 4" AND LARGER ————— DISTANCE 6'-0"

ALL DIRECTIONAL FITTINGS SHALL COMPLY WITH THE ILLINOIS PLUMBING CODE, SECTION 890-1320, PAR. 1".

PROVIDE CLEAN OUT AS REQUIRED PER ILLINOIS PLUMBING CODE, SECTION 89-420, PAR. "E".

PROVIDE SHUT OFF VALVES AT ALL WATER CONNECTIONS TO FIXTURES AND EQUIPMENT

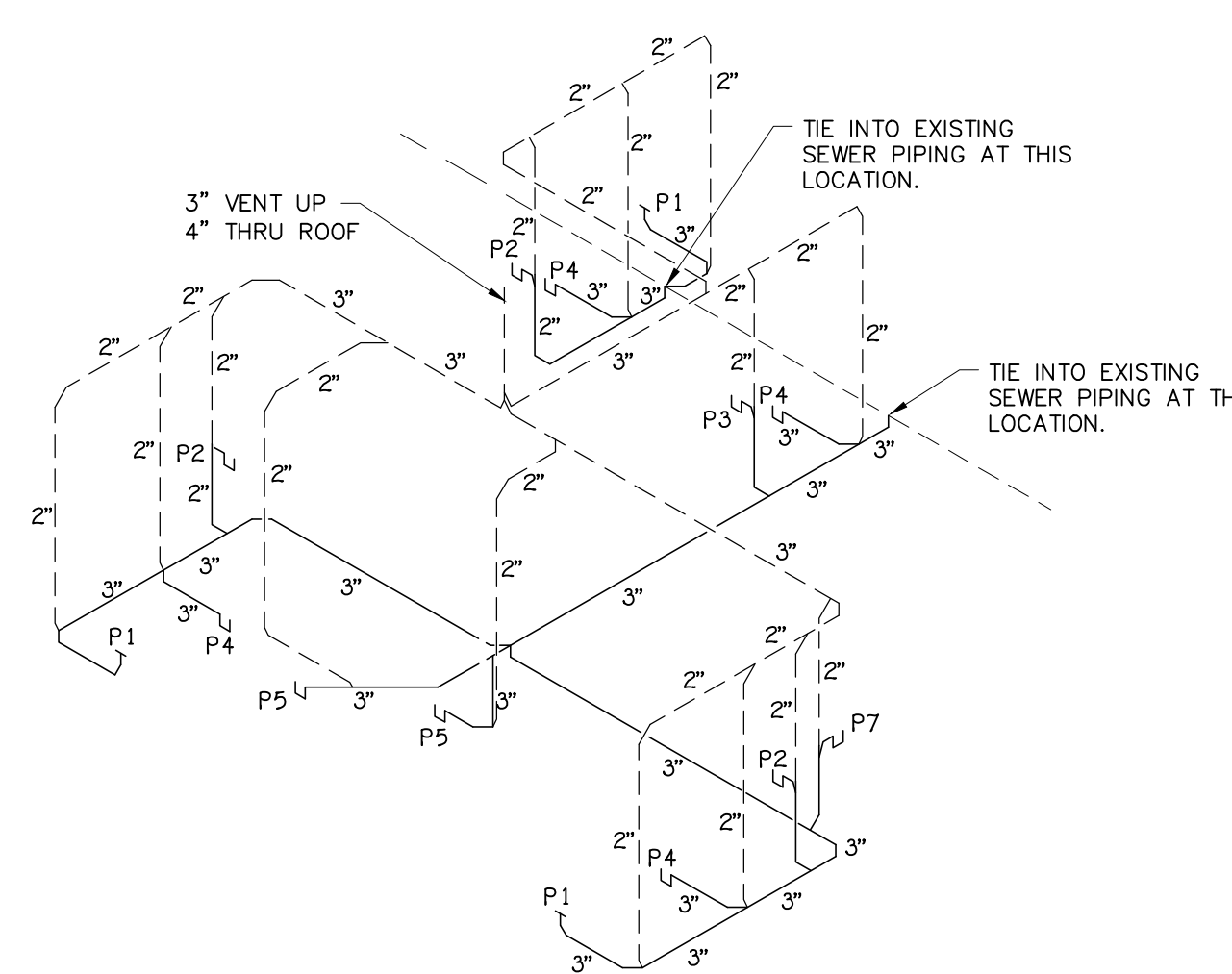
ALL WATER PIPING SHALL BE TYPE "M" COPPER THROUGHOUT

ALL FITTING SHALL BE WROUGHT BRONZE OR HARD DRAWN COPPER

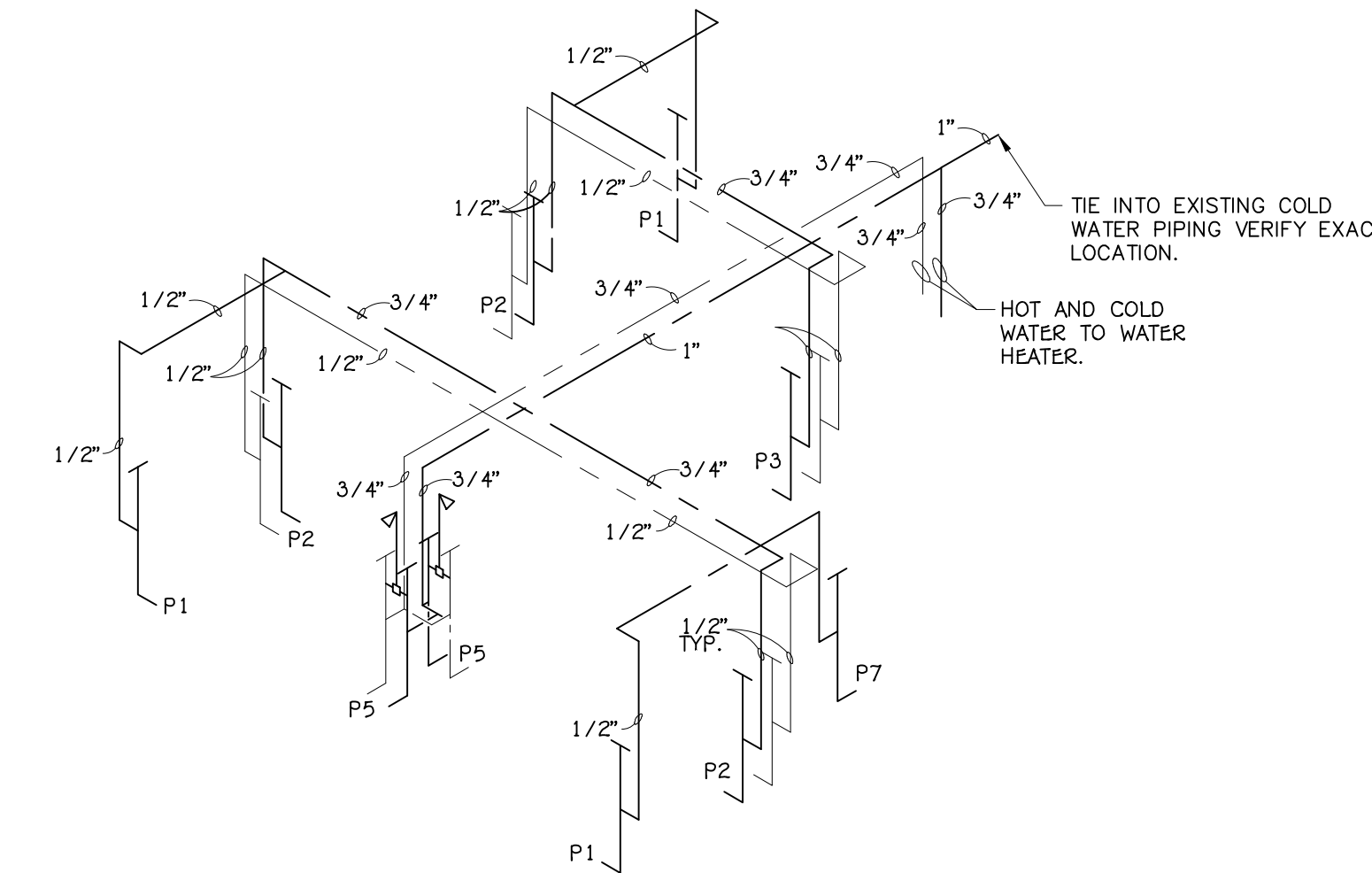
ALL WASTE PIPING SHALL BE SCHEDULE 40 P.V.C.

ALL SOLDER USED SHALL BE 95/5

ALL HOT AND COLD WATER PIPING ABOVE CEILING SHALL BE INSULATED



B WASTE/VENT RISER DIAGRAM
M-2 SCALE: NONE



C WATER PIPING DIAGRAM
M-2 SCALE: NONE

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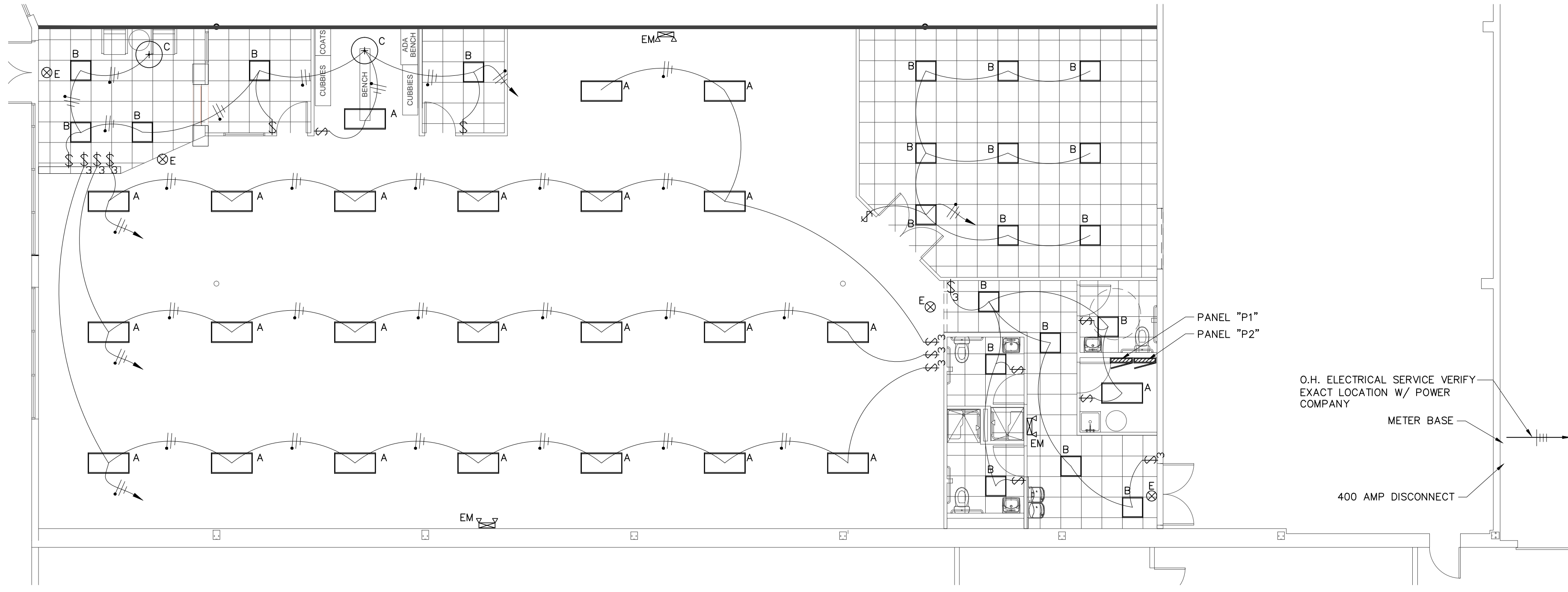
RELOCATE ANYTIME FITNESS AT
 RENT ONE PLAZA - MT. VERNON, IL

PLUMBING PLAN, NOTES, AND DETAILS

FILE NAME: 1152590
 JOB NUMBER: 1152590
 DATE: December 28, 2015
 DWN BY: JM
 APP. BY: KLP

ILLINOIS PROFESSIONAL
 DESIGN FIRM
 NUMBER 10A-001614

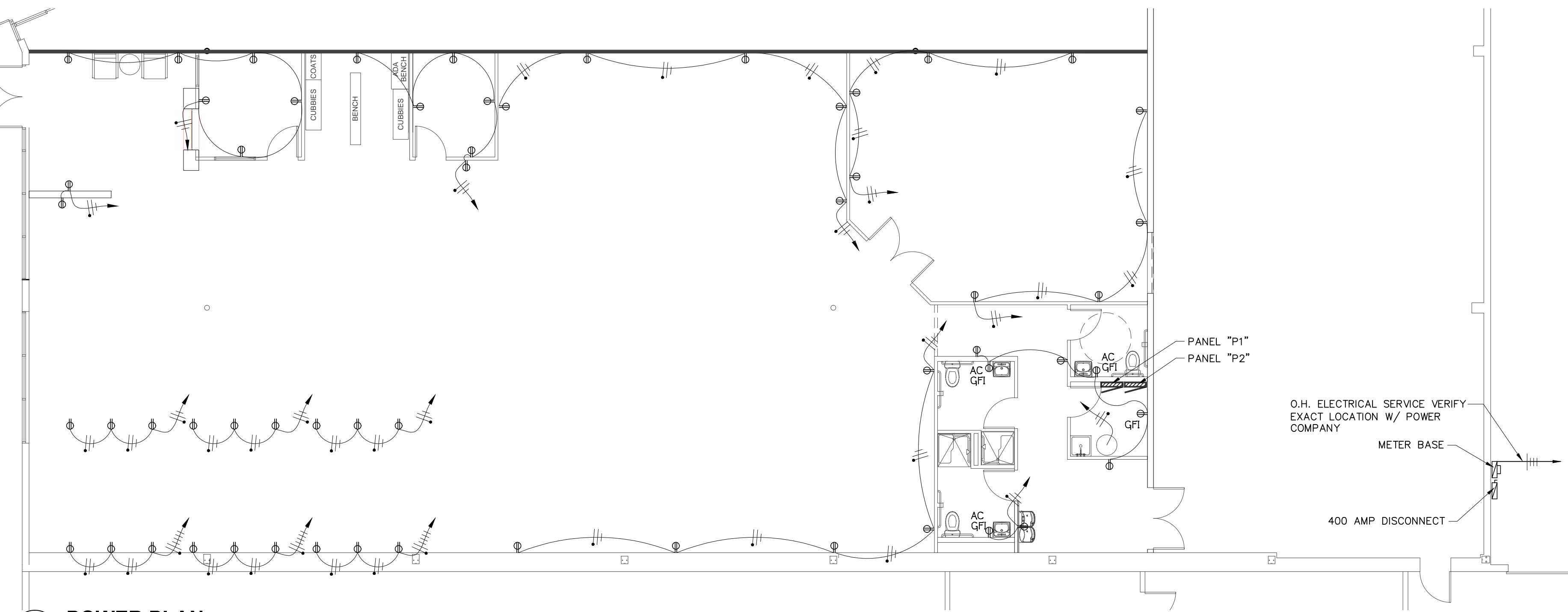
SHEET: 1



A LIGHTING PLAN
E-1 SCALE: 1/8" = 1'-0"

NOTE:
FINAL LIGHTING AND CIRCUITRY DESIGN ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. FIXTURES SHOWN HEREON ARE TO INDICATE GENERAL LAYOUT AND QUALITY ONLY, AND SHALL BE REVISED WHERE REQUIRED BY THE ELECTRICAL CONTRACTOR AS APPROVED BY THE ENGINEER. ALL WORK SHALL BE COMPLETED IN FULL COMPLIANCE WITH NATIONAL ELECTRICAL CODE, IBC, LOCAL UTILITIES, AND LOCAL REQUIREMENTS.

LIGHT FIXTURE SCHEDULE					
MARK	MANUFACTURER & CAT. NO.	NUMBER AND LAMP TYPE	MOUNTING	VOLTAGE	REMARKS
A	DAYBRIGHT 1F332-PP-UNV-1/3	(3) F32T8 FLUORESCENT	PENDANT	120	W/ ELECTRONIC BALLAST
B	LIGHTOLIER XP-2-G-W-26U-UNV-HI	(3) F32T8U FLUORESCENT	CEILING RECESSED	120	W/ ELECTRONIC BALLAST
C	IKEA FILLSTA-401.550.14	(1) 100 WATT INCANDESCENT	PENDANT	120	
E	DUAL-LITE LTURW	(2) 5 WATT HALOGEN	CEILING SURFACE	120	W/ BATTERY
EM	DUAL-LITE EZ-2 GED-10	(2) 7.2 WATT INCANDESCENT	WALL SURFACE	120	W/ BATTERY



B POWER PLAN
E-1 SCALE: 1/8" = 1'-0"

ELECTRICAL SYMBOLS LEGEND

- FLUORESCENT LIGHT FIXTURE AS SCHEDULED
- SURFACE MTD. OR RECESSED INCANDESCENT LIGHT FIXTURE AS SCHEDULED
- EXTERIOR SURFACE MOUNTED INCANDESCENT LIGHT AS SCHEDULED
- WALL OR CLG MTD. EXIT LIGHT AS SCHEDULED
- BATTERY OPERATED EMERGENCY LIGHT UNIT
- JUNCTION BOX
- ELECTRICAL PANEL BOARD
- SINGLE POLE LIGHT SWITCH. TOP @ + 54" A.F.F.
- THREE-WAY LIGHT SWITCH TOP @ + 54" A.F.F.
- MOTOR OUTLET
- DISCONNECT SWITCH
- W.P. WEATHERPROOF
- G.F.I. GROUND FAULT INTERRUPTING TYPE CIRCUIT
- A.F.F. ABOVE FINISH FLOOR
- A.C. ABOVE COUNTER

ELECTRICAL NOTES

THE INSTALLATION OF ALL ENTRANCE EQUIPMENT, CONDUCTORS, AND CONDUIT SHALL CONFORM TO LOCAL CODES AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NEC

ALL EQUIPMENT BONDING JUMPERS ON THE SUPPLY SIDE OF SERVICE AND MAIN BONDING JUMPERS SHALL BE SIZED ACCORDING TO NEC 250-79(c)

THE CUSTOMER SHALL MAINTAIN CLEAR ACCESS PATHWAY TO AND IN FRONT OF METER AND METERING TRANSFORMERS. THE CLEAR SPACE IN FRONT OF EQUIP. SHALL BE 36" DEEP, 6" WIDER THAN EQUIPMENT (3" ON FACE SIDE) AND AT LEAST 6'-6" HIGH OR AS HIGH AS THE TOP OF THE EQUIPMENT. THIS AREA SHALL BE KEPT CLEAR OF ALL OBSTRUCTIONS.

ALL LOAD SIDE WIRING, CONNECTORS TO CT'S AND NEUTRAL LUG TERMINAL SHALL BE INSTALLED BY CUSTOMER. LOCAL POWER COMPANY TO SUPPLY CABINETS, CT'S, METERS, TEST SWITCH, AND CONTROL CABLE. CUSTOMER TO INSTALL CABINETS, AND CUT NECESSARY KNOCKOUTS.

MOUNT NEUTRAL LUG TERMINAL TO CABINET IN A LOCATION CONVENIENT TO CONNECT FOR POWER COMPANY AND CUSTOMER.

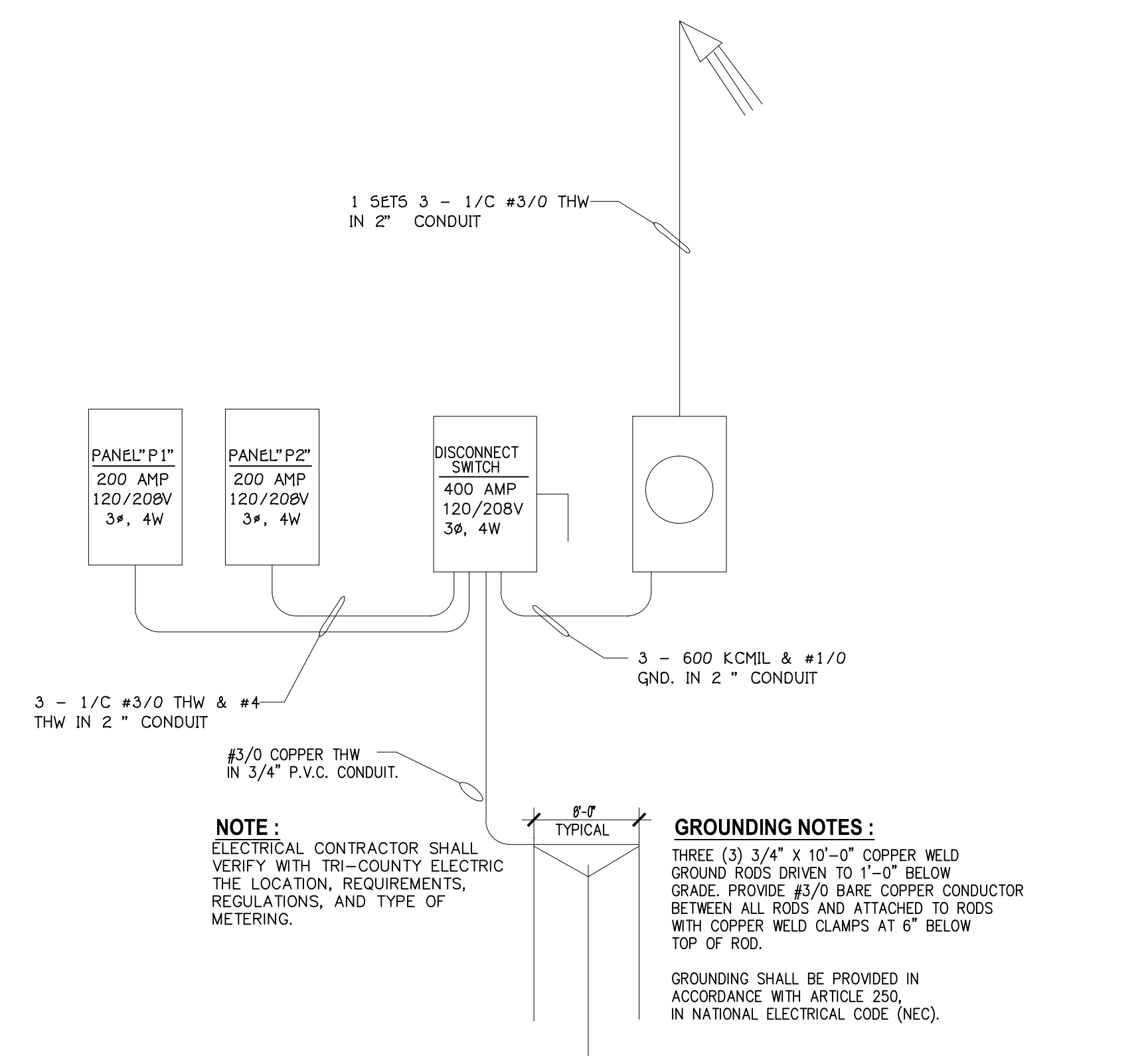
CT'S MAY BE MOUNTED EITHER VERTICALLY OR HORIZONTALLY. POWER COMPANY LINE CONDUCTORS TO BE CONNECTED TO BOTTOM OR LEFT SIDE, CUSTOMER LOAD CONDUCTORS TO RIGHT SIDE OR TOP OF CT'S.

METER CABINET MAY BE MOUNTED BESIDE CT CABINET INSTEAD OF ABOVE. MAXIMUM HEIGHT OF BOTH CABINETS IS 6'-0". MINIMUM HEIGHT OF TOP OF METER CABINET IS 5'-0"

IF GALVANIZED CONDUIT IS USED, THE CONDUIT MUST HAVE A BONDING BUSHING.

ALL CIRCUITS SHALL BE #12 AWG IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.

INTERIOR WATER PIPING SYSTEM SHALL BE BONDED TO THE GROUNDING CONDUCTOR AT THE SERVICE ENTRANCE IN ACCORDANCE WITH NEC 250-80. THE BONDING JUMPER SHALL BE 1/0 COPPER.



ELECTRICAL ONE LINE MAIN DISTRIBUTION DIAGRAM
N.T.S.

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JOB NAME: **RELOCATE ANYTIME FITNESS AT RENT ONE PLAZA - MT. VERNON, IL**

DRAWING TITLE: **LIGHTING & POWER PLANS, NOTES, AND DETAILS**

FILE NAME: 1152590
JOB NUMBER: 1152590

DESIGNER: JM
APP. BY: KLP

DATE: December 28, 2015

ILLINOIS PROFESSIONAL ENGINEERING DESIGN FIRM NUMBER: 104-001614

SHEET: 1