

WAYNE STATE UNIVERSITY
MCGREGOR CONFERENCE CENTER AV
495 GILMOUR MALL DETROIT, MI 48202
WSU PROJECT NUMBER: 043-261016

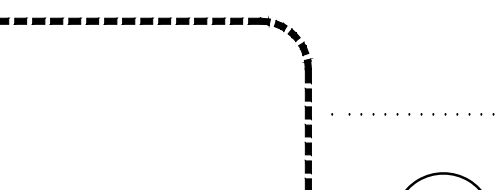
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This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Project Sheet Index

 1 AX-XX	DRAWING SCALE: X = X	DRAWING TITLE
 FIN FLOOR ELEV 0'-0" AFF		ELEVATION DATUM LINE
 A		COLUMN LINE DESIGNATION
 XX XX-XX		BUILDING SECTION CUT INDICATOR
 XX XX-XX		PARTIAL SECTION CUT INDICATOR
 XX XX-XX		ELEVATION INDICATOR
 XX XX-XX XXX-XX-XX		INTERIOR ELEVATION INDICATOR
	 DETAIL INDICATOR	
 XX XX-XX	DETAIL NUMBER SHEET WHERE DETAIL IS CUT	

ACT	ADJACENT CEILING TILE	F/O	FACE OF	PTD	PAINTED
ADJ	ADJACENT	F/O	FACE OF STUDS	PTD	PAPER TOWEL DISPENSER
AFF	AFRICAN FINISHED FLOOR	FRM	FRAME	PTD	PARTITION
AHU	AIR HANDLING UNIT	FRR	FIRE RESISTANCE RATING	PVC	POLYVINYL CHLORIDE
ALUM	ALUMINUM	FT	FEET	PWD	PLYWOOD
APPROX	APPROXIMATE	FUT	FUTURE	PWR	POWER
ARCH	ARCHITECTURAL	GAL	GAGE (GAUGE)	Q	QUARTY TILE
BD	BOARD	GA	GALVANIZED	R	RADIUS OR RISER
BLDG	BUILDING	GC	GENERAL CONTRACTOR	RA	RETURN AIR
BLK	BLACK	GL	GLASS	RAG	RETURN AIR GRILLE
BLK	BLOCKING	GW	CYSPUM WALL CONNECTION	RD	ROOF DRAIN
B/O	BOTTOM OF	GYP	CYSPUM	REF	REFRIGERATOR
CPT	CABLE CONTROL POINT	HIGH	HIGH	REG	REGISTER
CJ	CONTROL JOINT	HB	HOSE BIBB	RH	RIGHT HAND
CL	CENTERLINE	HD	HEAD OR HEAVY DUTY	R/H	RANGE /HOOD FAN
CLG	CLOSET	HOLLOW	HOLLOW	RQ	REQUIRED
CLG	CEILING	HORIZ	HORIZONTAL	REV	REVERSE
COL	CLEANOUT	HP	HIGH POINT	RI	ROUGH INSULATION
COL	COLUMN	HT	HEIGHT	ROOM	ROOM
CONC	CONCRETE	ID	INSIDE DIAMETER	RO	ROUGH OPENING
CONT	CONTINUOUS	IE	INLET ELEVATION	R	RIGHT OF WAY
CONST	CONSTRUCTION	IN	INCHES	S	SINK
COORD	COORDINATE	INSUL	INSULATION	SAN	SANITARY
CORR	CORROSION	JB	JUNCTION BOX	SC	SOLID CORE
CPT	CARPET	JC	JANITOR'S CLOSET	SCH	SCHEDULE
C/W	COMPLETE WITH	JO	JOINT	SE	SEPARATE
DEPTH	DEPTH / DEEP	KIT	KITCHEN	SF	SUPPLY FAN
DR	DRINKING FOUNTAIN	L	LONG	SM	SIMILAR
DIA	DIAMETER	LH	LEFT HAND	SPC	SPECIFICATIONS
DIM	DIMENSION	LP	LOW POINT	SPKR	SPEAKER
DISP	DISPENSER	LTG	LIGHTING	SQ	SQUARE
DN	DOWN	MA	MAKE-UP AIR UNIT	ST	STEEL
D/S	DOWNSPOUT	MAX	MAXIMUM	STD	STANDARD
D/W	DISHWASHER	MC	MEDICINE CABINET	STEEL	STEEL
DRAW	DRAWING	MECH	MECHANICAL	STRUCT	STRUCTURAL
EA	EACH	MIN	MINIMUM	T&B	TOP AND BOTTOM
EF	EXIST FAN	MIR	MIRROR	T	TO BE TERMINATED
EJ	EXPANSION JOINT	MISC	MISCELLANEOUS	T/G	TONGUE AND GROOVE
ELEV	ELEVATION	MO	MASONRY OPENING	T/O	TOP OF
ELEC	ELECTRICAL	MTD	MOUNTED	TP	TOILET PARTITION
ELEV	EQUAL	MTC	MOUNTING	TYP	TOILET DRAIN DISPENSER
EQ	EQUAL	N/A	NOT APPLICABLE	TT	TYPICAL
EW	ELECTRIC WATER CORDER	NIS	NOT IN CONTRACT	U/S	UNDERSIDE
EXIST	EXISTING	NUMBER	NUMBER	UNIT	UNIT HEATER
EXT	EXTERIOR	NTS	NOT TO SCALE	VB	VAPOR BARRIER
FR	FRIDGE	OC	ON CENTER	VEST	VESTIBULE
FDN	FLOOR DRAIN	OD	OUTSIDE DIAMETER	V	VERTICAL
FE	FOUNDATION	OH	OVERHEAD	W	WIDTH
FG	FIRE EXTINGUISHER	OH	OPPOSITE	WD	WOOD
FG	FIREGLASS	OPN	OPENING	W/D	WALK-IN CLOSET
FLR	FLOOR	OPP	OPPOSITE	W/ OR /W	WOOD OR WOOD
FIN	FINISH	PL	PROPERTY LINE	W/O	WASHER AND DRYER
FIXT	FIXTURE	PT	PAINT OR POINT	W/O	WALL OVEN OR WOOD
					WEATHER RESISTIVE BARRIER

CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS OR INFORMATION, CONTRACTOR SHALL NOTIFY ARCHITECT. FIGURED AND CALCULATED DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. ALL PLAN DETAILS AND WALL SECTIONS ARE ASSUMED TO BE TYPICAL CONDITIONS UNLESS DETAILED OR NOTED OTHERWISE.

ALL FINISHED FLOOR ELEVATIONS RE: TO ARCHITECTURAL DRAWINGS ONLY. RE: CIVIL DRAWINGS FOR RELATIONSHIP TO PROJECT BENCHMARK(S).

VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES AT JOB SITE. ALL CONTRACTORS SHALL COORDINATE THEIR WORK WITH OTHER TRADES AND REPORT DISCREPANCIES, PRIOR TO THEIR CONSTRUCTION, TO THE ARCHITECT FOR REVIEW AND CLARIFICATION OR ACTION.

VERIFY SIZE, LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT TO BE FURNISHED WITH MANUFACTURERS OR SUPPLIERS BEFORE BEGINNING CONSTRUCTION.

VERIFY SIZE AND LOCATION OF ALL OPENINGS FOR MECHANICAL AND ELECTRICAL EQUIPMENT AND RELATED WORK WITH CONTRACTORS INVOLVED AND EQUIPMENT TO BE FURNISHED. FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S STANDARD DETAILS OR APPROVED SHOP DRAWINGS / DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

CEILING HEIGHTS SCHEDULED ON THE ROOM FINISH SCHEDULE OR REFLECTED CEILING PLAN ARE TAKEN FROM THE FINISHED FLOOR ELEVATION.

VERIFY ALL ELEVATIONS AND DIMENSIONS OF STRUCTURAL ELEMENTS WITH ARCHITECTURAL DRAWINGS. IN CASE OF CONFLICT, NOTIFY ARCHITECT. THE CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR THEM. ALL DIMENSIONAL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

ADD SUFFICIENT BLOCKING IN STUD WALLS TO SUPPORT ALL ITEMS OR EQUIPMENT SHOWN OR SPECIFIED TO BE ATTACHED TO THE WALLS. PROVIDE ADDITIONAL STRUCTURAL SUPPORT (ANGLES, CHANNELS, ETC.) WITHIN WALLS WHERE THE WEIGHT OF ATTACHED ITEMS OR EQUIPMENT IS TOO GREAT TO BE SUPPORTED BY METAL STUDS. PROVIDE BLOCKING FOR WENGER FURNISHED OR INSTALLED ITEMS.

INSTALL METAL TRIM ON ALL CYPRESS BOARD EDGES ABUTTING OTHER MATERIALS OR STOPPING SHORT OF OTHER MATERIALS TO FORM A REVEAL OR RECESS.

ALL PRODUCTS UTILIZED IN THIS CONSTRUCTION SHALL BE ASBESTOS FREE.

TRANSITION OF DIFFERENT FLOORING MATERIALS AT DOORWAYS SHALL OCCUR AT CENTERLINE OF DOORS AND SHALL BE NO HIGHER THAN 1/4". CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEHEVED WITH A SLOPE NO GREATER THAN 1:2.

PAINT ALL WALL SURFACES, DOOR FRAMES, BULKHEADS AND CEILINGS IN ROOMS WHERE INDICATED ON ROOM FINISH SCHEDULE. PAINT CONFINED ALL MOVEABLE ITEMS ADJACENT TO WALLS RECEIVING PAINT AND RELOCATE ITEMS.

ALL WORK TO CONFORM TO ALL LOCAL, STATE, AND NATIONAL BUILDING CODES, INCLUDING ACCESSIBILITY REQUIREMENTS.

CONTRACTOR TO CONTACT ANY AND ALL LOCAL UTILITIES TO SUBMIT ALL APPLICABLE PERMIT DOCUMENTS, QUALIFICATIONS, ETC. AND BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH PERMITS, UTILITY PERMISSIONS, TAP-INS, ETC. ARCHITECT TO PROVIDE SUBMITTALS FOR PERMIT PLAN REVIEW AND INSPECTION REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS AND ALL PERMIT AND INSPECTION COSTS.

EACH SUBCONTRACTOR IS RESPONSIBLE TO COORDINATE AND SCHEDULE HIS WORK WITH THE GENERAL CONTRACTOR AND ALL OTHER CONTRACTORS WHOSE WORK SHALL BE AFFECTED.

PARKING AT THE SITE BY ALL CONSTRUCTION STAFF SHALL BE LIMITED TO ONLY THE AREAS DESIGNATED BY THE OWNER.

[illegible]

E1-01	BASEMENT FLOOR PLAN ELECTRICAL DEMOLITION
E1-11	FIRST FLOOR PLAN ELECTRICAL DEMOLITION
E1-21	SECOND FLOOR PLAN ELECTRICAL DEMOLITION
E2-01	BASEMENT FLOOR PLAN ELECTRICAL NEW WORK
E2-11	FIRST FLOOR PLAN ELECTRICAL NEW WORK
E2-21	SECOND FLOOR PLAN ELECTRICAL NEW WORK

AV100	SHEET INDEX, GENERAL INFO
AV101	VIDEO & CONTROL SCHEMATIC
AV102	AUDIO SCHEMATIC
AV103	POWER DISTRIBUTION SCHEMATIC
AV130	AV EQUIPMENT SCHEDULE
AV150	BASEMENT AV DEMO PLAN
AV151	FIRST FLOOR AV DEMO PLAN
AV152	SECOND FLOOR AV DEMO PLAN
AV200	BASEMENT AV PLAN
AV201	FIRST FLOOR AV PLAN
AV202	SECOND FLOOR AV PLAN
AV300	AV DETAILS

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PROJECT DESCRIPTION

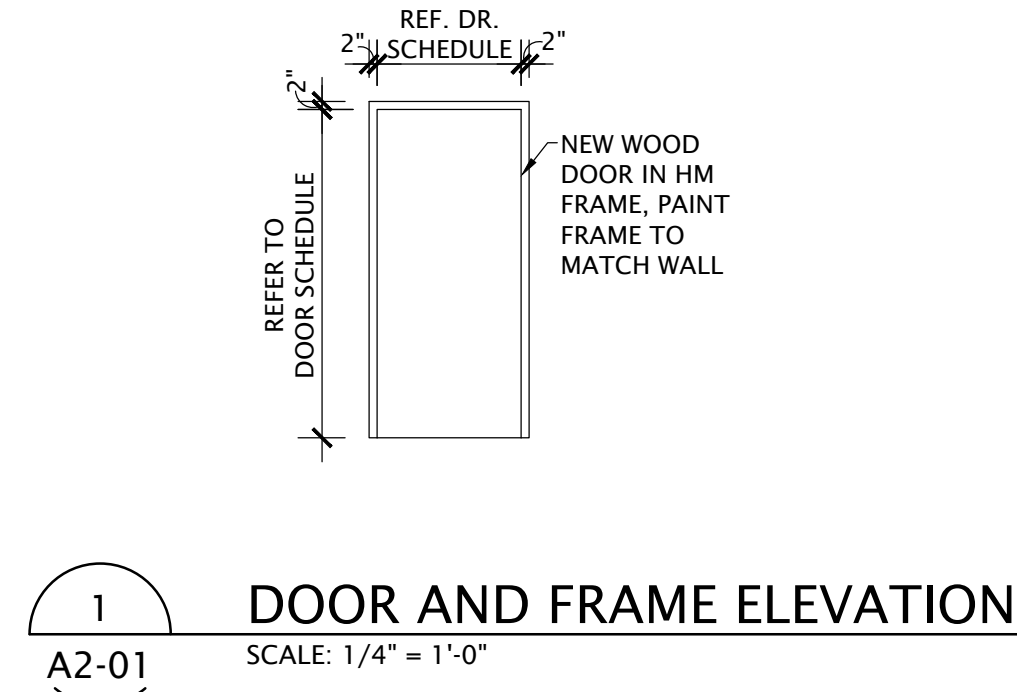
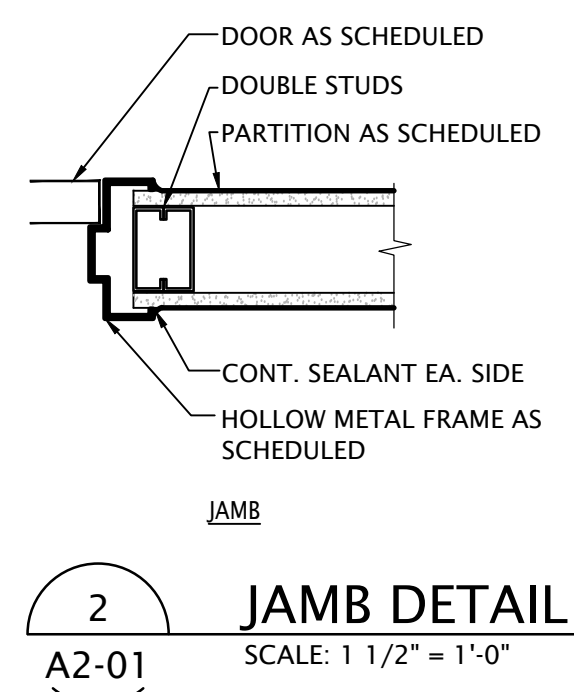
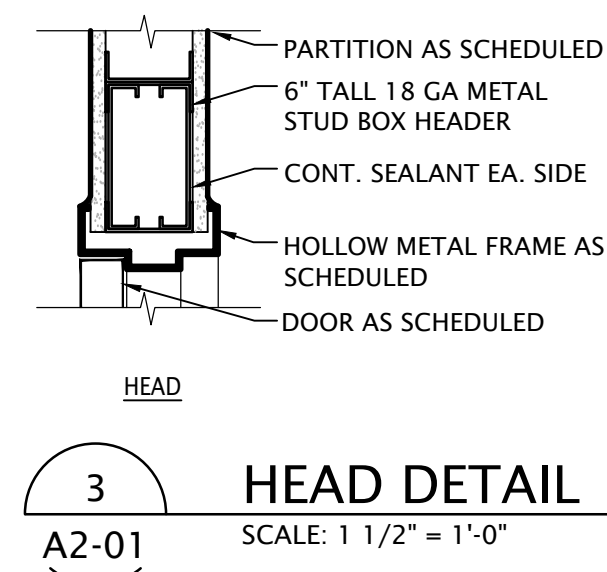
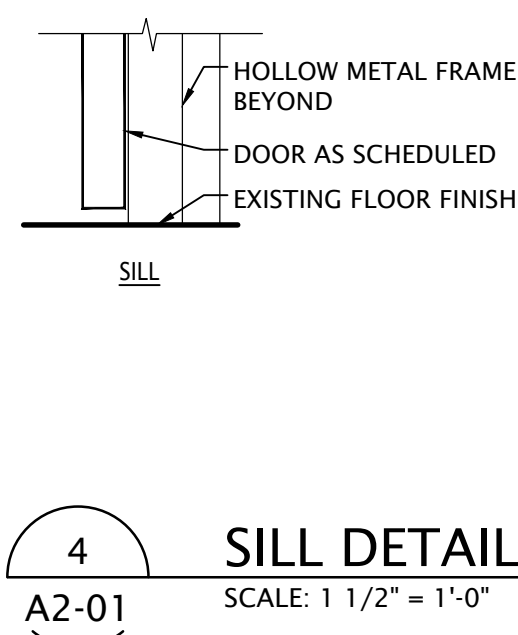
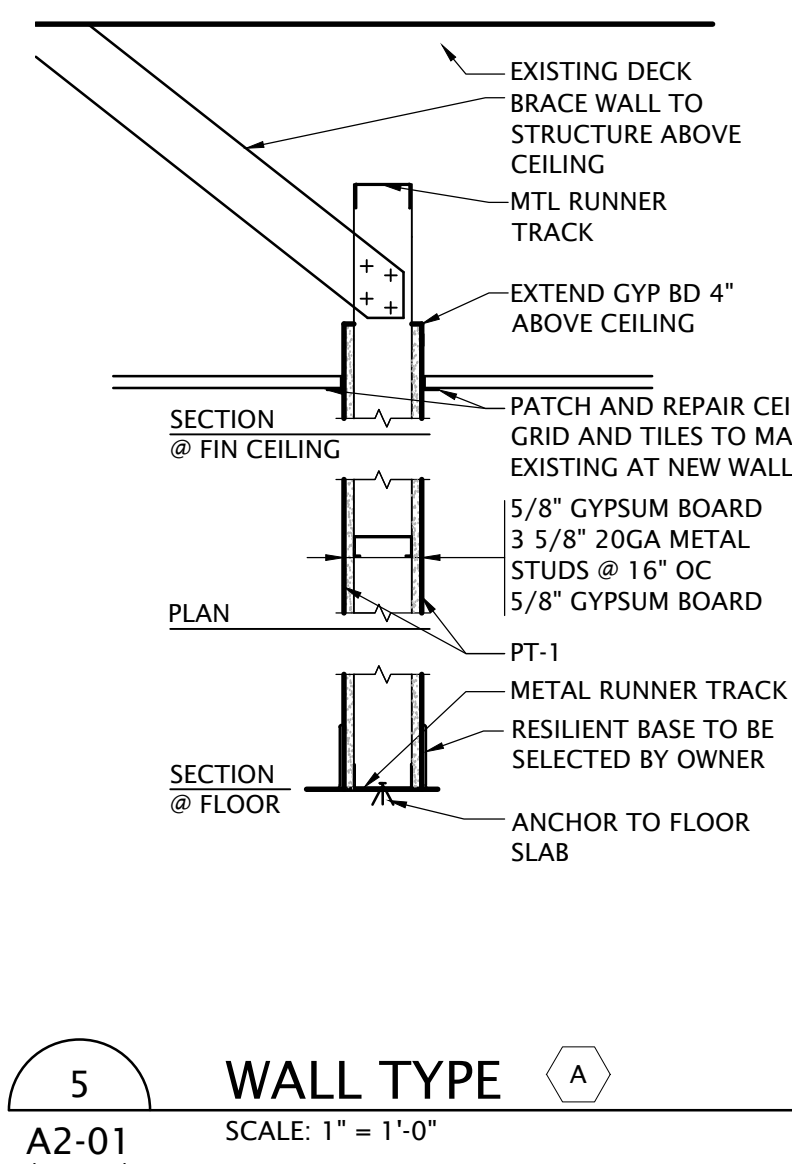
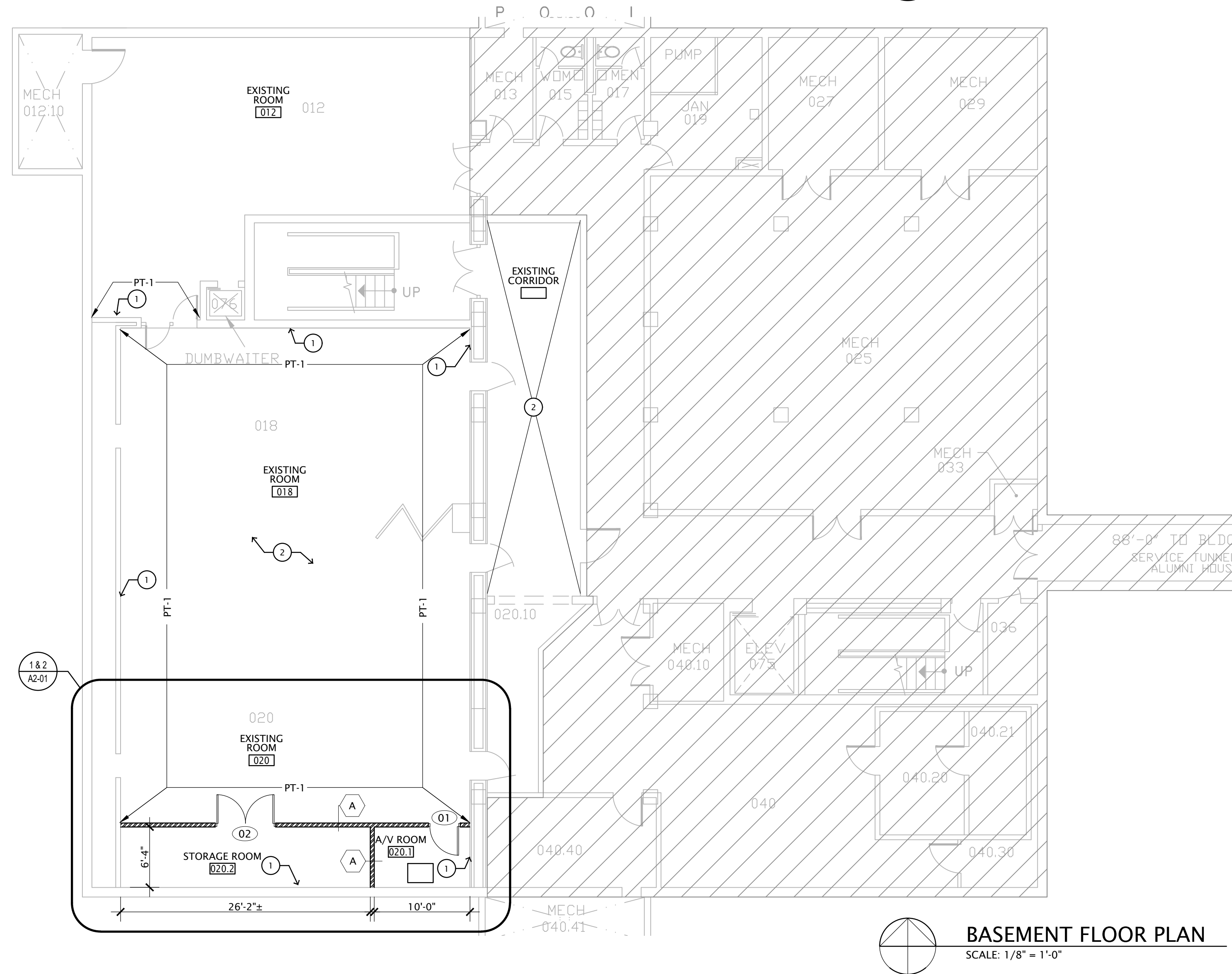
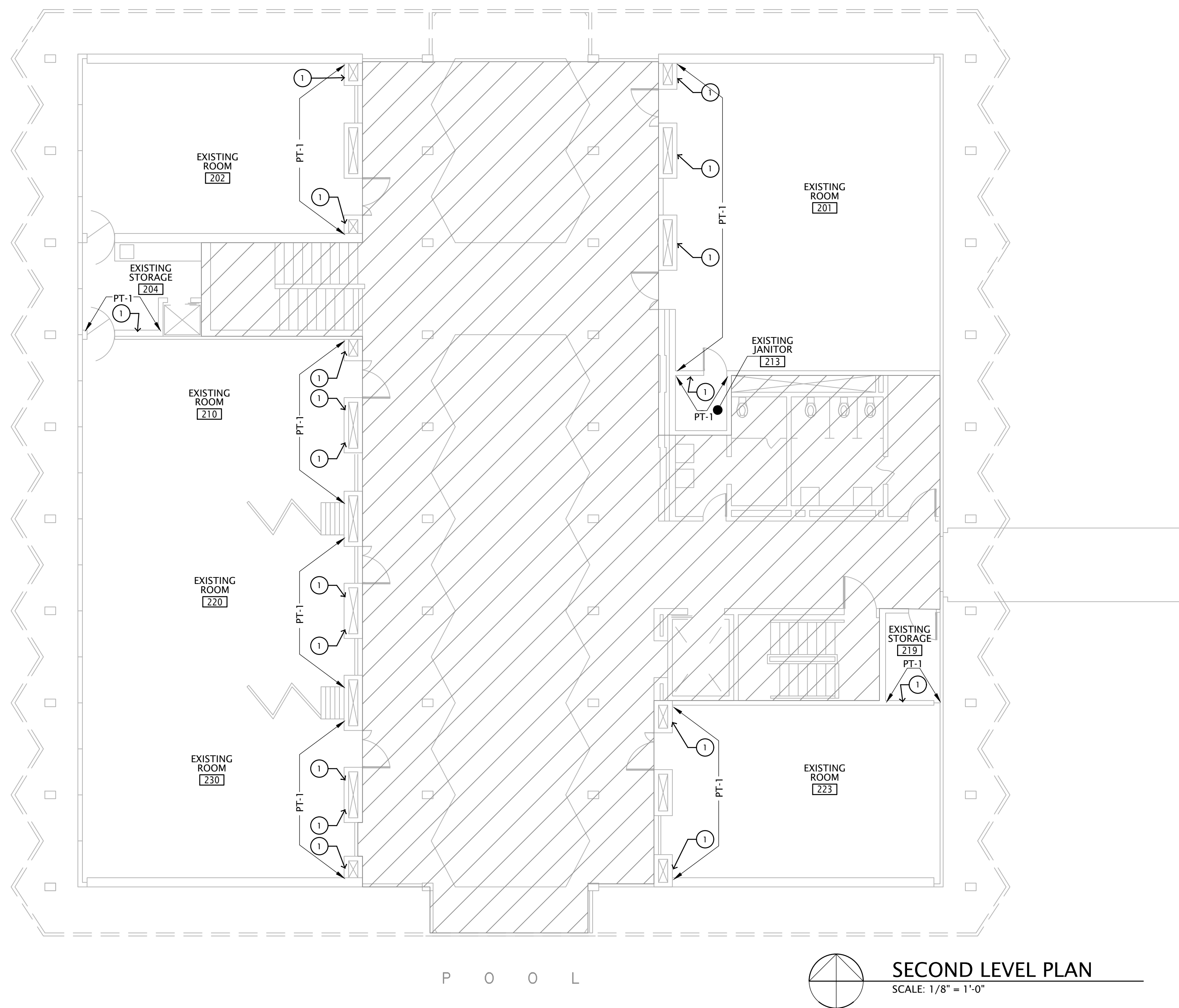
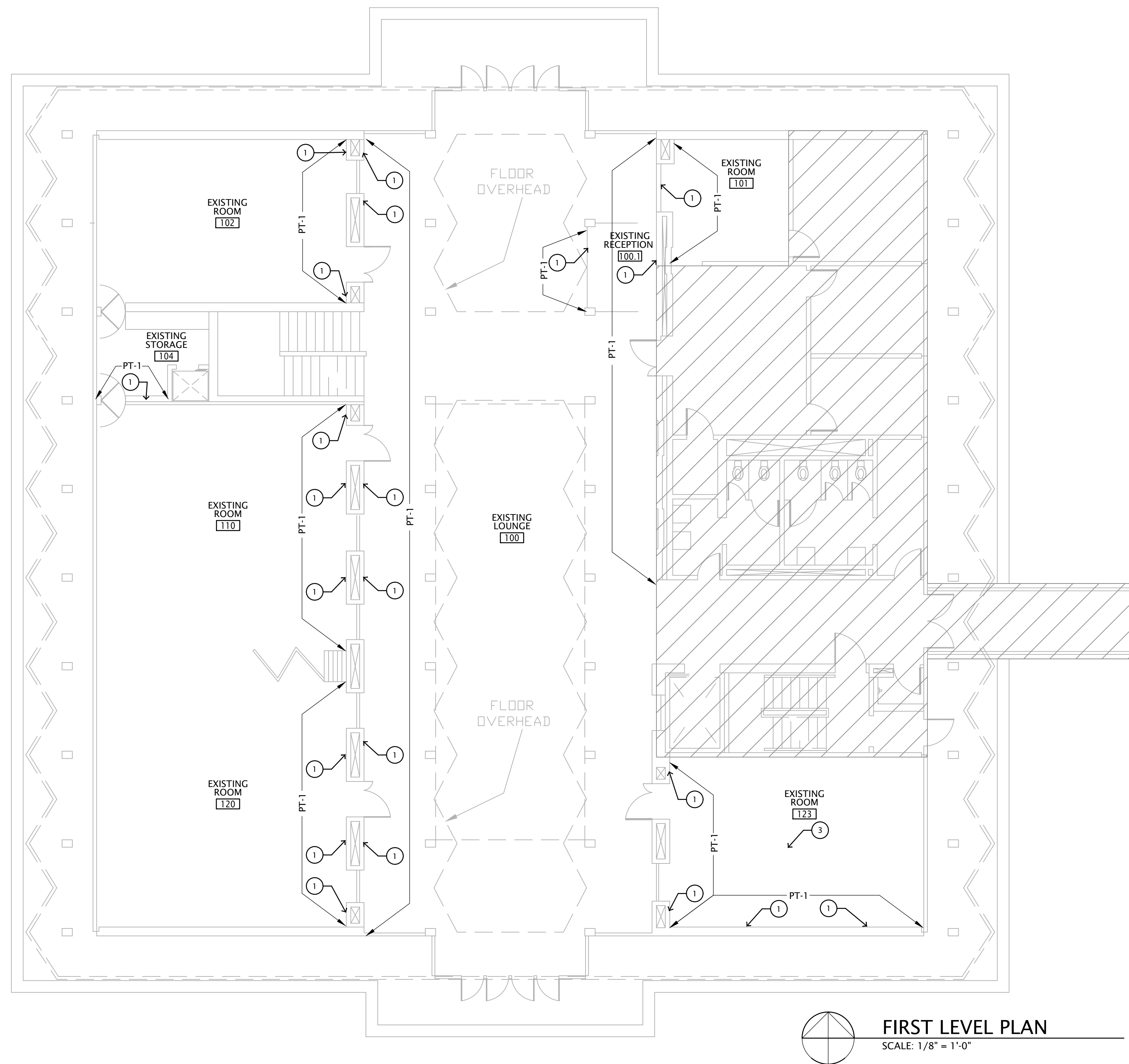
BASE BID: NEW PARTITIONS AND DOORS IN AREA INDICATED ON PLAN. NEW MAKE-UP AIR UNIT TO ACCOMMODATE NEW PAINT BOOTH.

ADD ALTERNATE NO. 1: RELOCATE WAX HOOD AS INDICATED ON DRAWINGS. NEW PARTITION WALL TO SEPARATE LAB AREA FROM WOODWORKING AREA.

ADD ALTERNATE NO. 2: NEW DUST COLLECTION SYSTEM WITH THREE DOWNDRAFT TABLES AND TWO BAND SAWS. NEW ROOM AND DOOR TO ENCLOSE DUST COLLECTION SYSTEM.

Keyplan

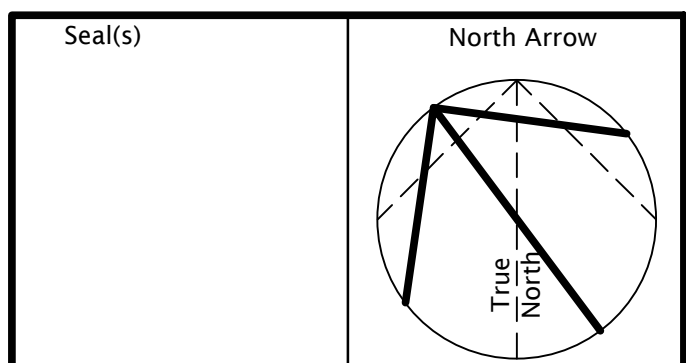
Project Manager SCOTT ROBACH	Drawn CHERYL BOHREN
Project Leader	Checked
Client WAYNE STATE UNIVERSITY 5454 CASS AVENUE DETROIT MI 48202	
Project	WSU # 043-261016 McGregor AV MCCGREGOR MEMORIAL CONFERENCE CENTER 495 GILMOUR MALL DETROIT, MI 48202
Drawing Title COVER SHEET	
Check Scale (may be photo reduced) 0 1inch 2 10mm	
Project No. JCDT17-0008	
Drawing No. A0-01	



General Notes							Floor Plan Legend							Floor Plan Key Notes						
1. ALL DEMOLITION WORK TO BE COORDINATED WITH NEW WORK. 2. REFER TO ELECTRICAL AND A/V DEMOLITION DRAWINGS FOR EXTENT OF DEMOLITION. 3. PROTECT ALL ITEMS AND FINISHES INCLUDING BUT NOT LIMITED TO EXISTING COLUMNS, EXISTING TO REMAINING WINDOWS, DOORS, GLAZING, STRUCTURAL MEMBERS NOT SPECIFIED TO BE DEMOLISHED OR REMOVED FROM DUST AND DAMAGE 4. PT-1 - LATEX EGGSHELL PAINT IN COLOR SELECTED BY OWNER TO MATCH EXISTING							 NEW WALL SEE 5/A2-01  EXISTING WALL TO REMAIN  AREA OUTSIDE OF SCOPE OF WORK							① PATCH AND REPAIR WALL AS NEEDED TO MATCH EXISTING WHERE A/V EQUIPMENT IS BEING REMOVED ② REPLACE CEILING TILES AS NEEDED TO MATCH EXISTING WHERE A/V EQUIPMENT IS BEING REMOVED ③ PATCH AND REPAIR FLOOR FINISH AS NEEDED TO MATCH EXISTING WHERE A/V EQUIPMENT IS BEING REMOVED						
Door Schedule																				
Door Number	Door							Frame			Details			Remarks						
	Description	Type	Width	Height	Mat'l	Finish	Glass	Type	Mat'l	Finish	Head	Jamb	Threshold							
01	A/V ROOM																			
02	STORAGE ROOM (DOUBLE DOOR)																	(2) 3'-0" DOORS		
General Door Schedule Notes										General Accessibility Notes										
1. DOOR AND FRAME MANUFACTURER TO BE SELECTED BY OWNER. 2. ALL HARDWARE TO BE SELECTED BY OWNER. 3. ALL SIDELITE GLAZING TO BE 1/4" CLEAR TEMPERED. 4. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE. 5. CORING TO BE DONE BY OWNER										1. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. IN ADDITION, CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR. 2. INTERIOR DOOR CLOSERS SHALL BE ADJUSTED SO THAT DOORS HAVE A 5 POUND MAXIMUM OPENING FORCE. 3. ALARMS, STROBES, AND COMMUNICATION DEVICES SHALL BE INSTALLED ACCORDING TO ACCESSIBILITY STANDARDS.										

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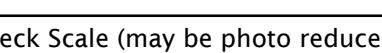
Keyplan



NORR
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Project Manager SCOTT ROBACH	Drawn CHERYL BOHREN
Project Leader	Checked
Client WAYNE STATE UNIVERSITY 3454 CASS AVENUE DETROIT MI 48202	
Project	WSU # 043-261016 McGregor AV MC GREGOR MEMORIAL CONFERENCE CENTER 495 GILMOUR MALL DETROIT, MI 48202
Drawing Title FLOOR PLANS AND DETAILS	
Check Scale (may be photo reduced) 	
Project No. JCD17-0008	
Drawing No. A2-01	



Ceiling Demolition Plan

Key Notes

- (A) REMOVE EXISTING DIFFUSER SAVE AND PROTECT FOR RE-INSTALLATION SEE M1-01.
- (B) REMOVE EXISTING CEILING TILES AND PORTION OF GRID FOR CONSTRUCTION OF NEW WALL. SAVE AND PROTECT TILES FOR RE-INSTALLATION.
- (C) EXISTING CEILING TILES AND GRID TO REMAIN

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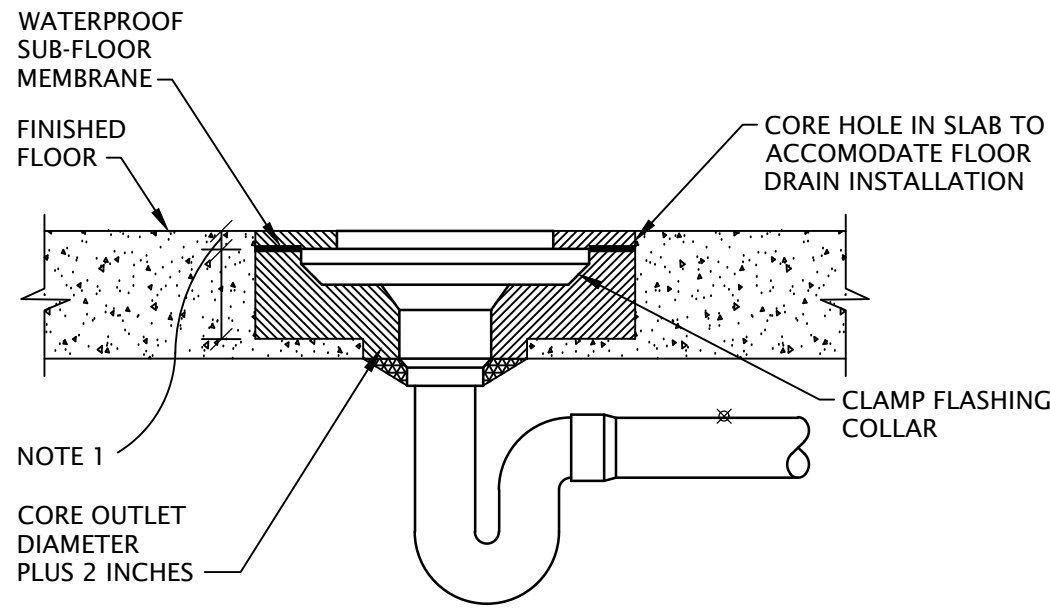
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Seal(s)



Client	WAYNE STATE UNIVERSITY 5454 CASS AVENUE DETROIT MI. 48202
Project	WSU # 043-261016 McGregor AV MCGREGOR MEMORIAL CONFERENCE CENTER 495 GILMOUR MALL DETROIT, MI 48202

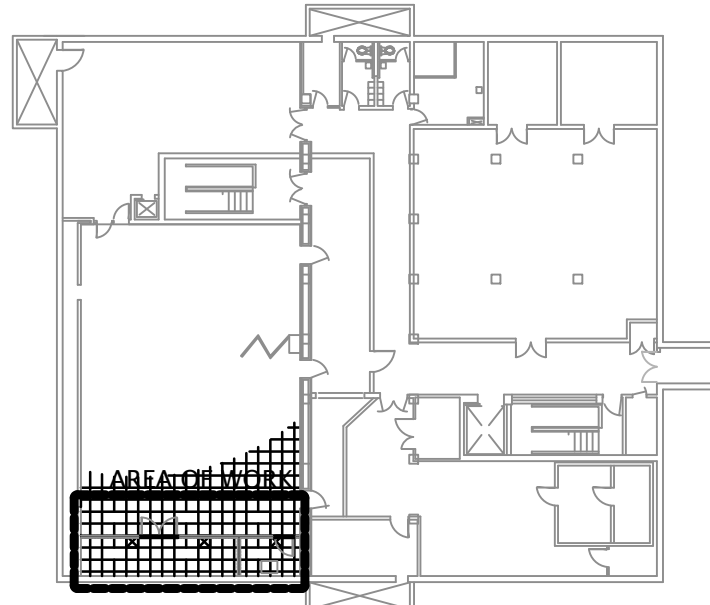
Project No.	JCDT17-0008
Drawing No.	A2-02



- NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR THICKNESS AND FINISHES.
 2. WHERE WATERPROOF FLOOR COVERINGS OCCUR, PROVIDE WIDE FLANGE STRAINER AND PLUG SEEPAGE OPENINGS.
 3. PROVIDE EXTENSIONS WHERE REQUIRED TO ACCOMMODATE FLOOR THICKNESS.

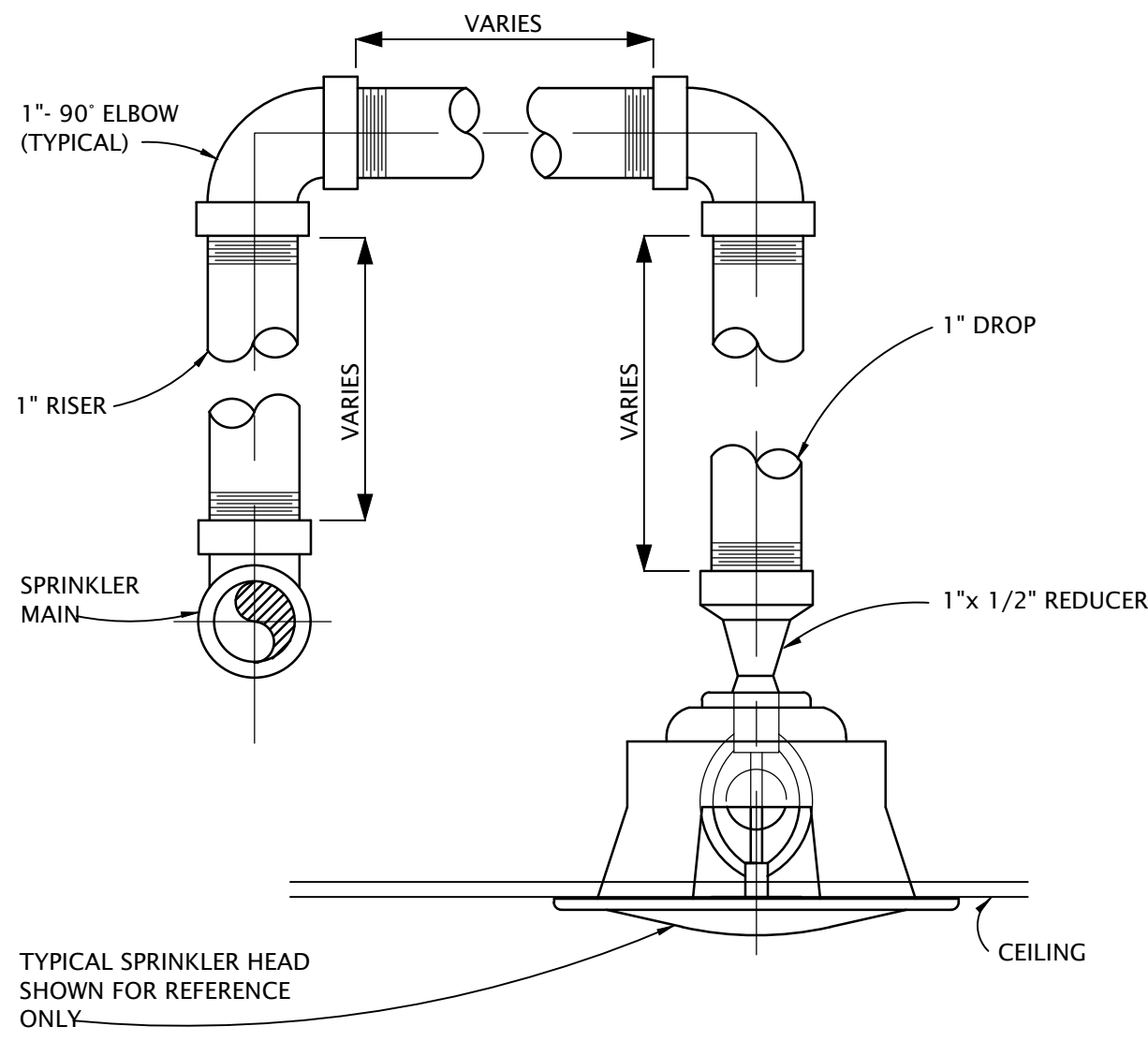
1 FLOOR DRAIN DETAIL (EXISTING FLOORS)

N.T.S.



1 KEY PLAN

Scale: 1/32" = 1'-0"



2 TYPICAL SPRINKLER PIPING DETAIL (RECESSED)

N.T.S.

FIRE PROTECTION DESIGN CRITERIA			
ROOM NAME	NFPA 13 HAZARD CLASSIFICATION	DESIGN DENSITY (GPM/SQ FT)(AREA)	SPRINKLER HEAD TEMPERATURE RATING DEG F
STORAGE	ORDINARY HAZARD GROUP 1	(0.15) (1500)	165

NORR, LLC DOES NOT INTEND TO ACCEPT THE RESPONSIBILITY FOR THE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS, THE FIRE DETECTION SYSTEM LAYOUT DOCUMENTS, OR THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS. NORR LLC HEREBY DELEGATES THE SOLE RESPONSIBILITY TO THE FIRE SPRINKLER CONTRACTOR AND FIRE ALARM CONTRACTOR WHO SHALL PREPARE THE FIRE PROTECTION AND DETECTION LAYOUT DOCUMENTS IN COMPLIANCE WITH STATE REQUIREMENTS AND OBTAIN APPROVAL FROM THE FIRE INSPECTOR FOR THE AUTHORITY HAVING JURISDICTION. FOR FIRE PROTECTION NOTES, SEE THIS SHEET.

THESE MEP DRAWINGS ARE GUIDELINES CONTAINED HEREIN AND ARE NOT REFLECTIVE OF ANY SPECIFIC DESIGN CRITERIA OR PARAMETERS. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE FINAL DESIGN OF PROJECTS BASED ON SITE SPECIFICS AND GOVERNING CODE REQUIREMENTS. ANY SIZES SHOWN ARE FOR REFERENCE ONLY. ALL DETAILS SHOWN ARE GUIDELINES FOR REFERENCE ONLY AND IT SHALL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD TO PROPERLY SIZE AND DETAIL FOR APPLICABLE CODES FOR SPECIFIC SITES. ALL MEP ITEMS SHALL BE COORDINATED WITH INFORMATION SHOWN ON ARCHITECTURAL, CIVIL AND STRUCTURAL DRAWINGS.

WALL-MOUNTED AIR CONDITIONING SYSTEM SCHEDULE

EQUIPMENT TAG	AREA SERVED	MANUFACTURER	MODEL #	TYPE	COOLING					PEAK FAN AIRFLOW (CFM)	FLUID			ELECTRICAL						DIMENSIONS HxWxD (IN)	WEIGHT (LB)
					TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	DESIGN ENTERING TEMP DB(F)	DESIGN ENTERING TEMP WB(F)	COOLING COIL LAT (°F)		TYPE	LIQUID PIPE DIA. (IN)	GAS PIPE DIA. (IN)	VOLT	PHASE	MCA	BLOWER MOTOR (ECM) F.L.A.	BLOWER MOTOR OUTPUT (W)			
AC-1	IT ROOM	MITSUBISHI	PKA-A18HA6	WALL MOUNTED	18	12.5	80.0	67.0	51.1	425	R410-A	1 / 4	1 / 2	208	1	1	0.33	30	11-5/8"x35-3/8"x9-13 /16"	29	

- NOTE:
1. MANUFACTURER TO PROVIDE ASSOCIATED CONTROLS.
 2. ELECTRICAL DATA, DIMENSIONS AND WEIGHTS ARE BASED ON THE "BASE BID" UNIT. IF ALTERNATE MANUFACTURERS ARE USED, COORDINATE CHANGES WITH ELECTRICAL, STRUCTURAL AND ARCHITECTURAL TRADES. ANY ADDITIONAL COSTS DUE TO CHANGES RESULTING FROM USE OF ALTERNATE MANUFACTURERS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. REFER TO MECH SPECS.
 3. ALTERNATIVE MANUFACTURER SAMSUNG, CARRIER, AND LENNOX.

OUTDOOR UNIT AIR CONDITIONING SYSTEM SCHEDULE

EQUIPMENT TAG	AREA SERVED	MANUFACTURER	MODEL #	COOLING		FLUID			ELECTRICAL					DIMENSIONS HxWxD (IN)	WEIGHT (LB)
				TOTAL COOLING CAPACITY (MBH)	DESIGN COOLING OUTDOOR TEMP DB(F)	TYPE	LIQUID PIPE DIA. (IN)	GAS PIPE DIA. (IN)	VOLT	PHASE	MCA	FAN MOTOR (ECM) F.L.A.	MOCP (A)		
CU-1	IT ROOM	MITSUBISHI	PUY-A18NHA6	18	91.0	R410-A	1 / 4	1 / 2	208	1	13	0.35	20	23-5/8"x31-1/2"x11-1 3/16"	89

- NOTE:
1. MANUFACTURER TO PROVIDE ASSOCIATED CONTROLS.
 2. ELECTRICAL DATA, DIMENSIONS AND WEIGHTS ARE BASED ON THE "BASE BID" UNIT. IF ALTERNATE MANUFACTURERS ARE USED, COORDINATE CHANGES WITH ELECTRICAL, STRUCTURAL AND ARCHITECTURAL TRADES. ANY ADDITIONAL COSTS DUE TO CHANGES RESULTING FROM USE OF ALTERNATE MANUFACTURERS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. REFER TO MECH SPECS.
 3. PROVIDE MITSUBISHI WIND BAFFLE.
 4. ALTERNATIVE MANUFACTURER SAMSUNG, CARRIER, AND LENNOX.

PLUMBING FIXTURE SCHEDULE

TAG	CONNECTION SIZE			MANUFACTURER & MODEL NUMBER	ALTERNATE	DESCRIPTION
	CW (IN)	HW (IN)	SAN (OUT)			
FD-1	--	--	3	WATTS #FD-100-A	JAY R. SMITH	FLOOR DRAIN: 6"Ø ROUND TOP, ADJUSTABLE, BRONZE BODY, NO-HUB CAST IRON OUTLET.

LEGEND

⊖	THERMOSTAT CONTROL
☒	CEILING SUPPLY DIFFUSER
☒	CEILING RETURN GRILLE
⊖	NOTES BY SYMBOL
↘	ELBOW - TURNED DOWN
↗	ELOBOW - TURNED UP
CFM CUBIC FEET PER MINUTE	
DN DOWN	
SAD SUPPLY AIR DIFFUSER	
(E) EXISTING	
(R) RELOCATED	
FD FLOOR DRAIN	
RAR RETURN AIR REGISTER	

General Notes

1. PERFORM WORK IN ACCORDANCE WITH THE LATEST EDITIONS, REVISIONS, AMENDMENTS, OR SUPPLEMENTS OF APPLICABLE STATUTES, ORDINANCES, CODES OR REGULATIONS OF FEDERAL, STATE, AND LOCAL AUTHORITIES HAVING JURISDICTION IN EFFECT ON THE DATE BIDS ARE RECEIVED.
2. WHERE APPROVED STANDARDS HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITERS LABORATORIES, AMERICAN CODES, ASA, ASHRAE, ARI, NEC, STATE FIRE INSURANCE REGULATION BODY, NFPA OR OTHERS, THESE STANDARDS SHALL BE FOLLOWED WHETHER OR NOT INDICATED ON THE DRAWING AND SPECIFICATIONS.

Key Notes

1. ROUTE REFRIGERANT LINES UP WITHIN WALL. COORDINATE THE ROUTING OF REFRIGERANT LINES THROUGH THE FLOORS ABOVE WITH FACILITIES MANAGER AND CONNECT TO THE CONDENSING UNIT ON THE ROOF. SEE THE ROOF PLAN ON THIS SHEET.
2. PROVIDE A NEW FLOOR DRAIN WITH FUNNEL WITHIN THE NEW IT ROOM. CONNECT NEW 3" SANITARY LINE INTO EXISTING SANITARY IN AREA. SLOPE AT 1%. COORDINATE THE TRENCHING OF THE FLOOR WITH THE EXISTING STRUCTURE AND FACILITIES. PATCH AND REPAIR FLOOR TO MATCH EXISTING/NEW CONDITIONS.
3. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED TO SERVE THE STORAGE ROOM. CLEAN AS NECESSARY. PRIOR TO RELOCATION MEASURE CURRENT AIRFLOW, RE-BALANCE TO CFM SHOWN. EXTEND DUCT OR PROVIDE ADDITIONAL FLEX DUCT AS NECESSARY.
4. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED TO SERVE THE EXISTING SPACE. CLEAN AS NECESSARY. PRIOR TO RELOCATION OF THE EXISTING TWO (2) DIFFUSERS MEASURE CURRENT AIRFLOW. UPON RELOCATION RE-BALANCE THE DIFFUSER TO THE PREVIOUS AIR BALANCE LESS 50 CFM. COORDINATE NEW LOCATION WITH EXISTING CONDITIONS.
5. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED AS SHOWN TO SERVE THE EXISTING SPACE. CLEAN AS NECESSARY. MAINTAIN CURRENT AIR BALANCE. COORDINATE NEW LOCATION WITH EXISTING CONDITIONS.
6. PROVIDE NEW CONCEALED SPRINKLER IN THIS AREA. COORDINATE EXACT HEAD LOCATION WITH OTHER DISCIPLINES. CENTER SPRINKLER HEAD WITHIN THE CEILING TILE.
7. REFRIGERANT LINES FROM BELOW. COORDINATE ROUTING WITH EXISTING STRUCTURAL CONDITIONS. PATCH ROOF AS NECESSARY.
8. COORDINATE LOCATION OF NEW CONDENSING UNIT ON ROOF WITH EXISTING CONDITIONS. MAINTAIN MINIMUM 10' CLEARANCE FROM ROOF EDGE.
9. UNDERCUT NEW DOOR TO ALLOW FOR PASSAGE OF RETURN AIR.

Fire Protection General Notes

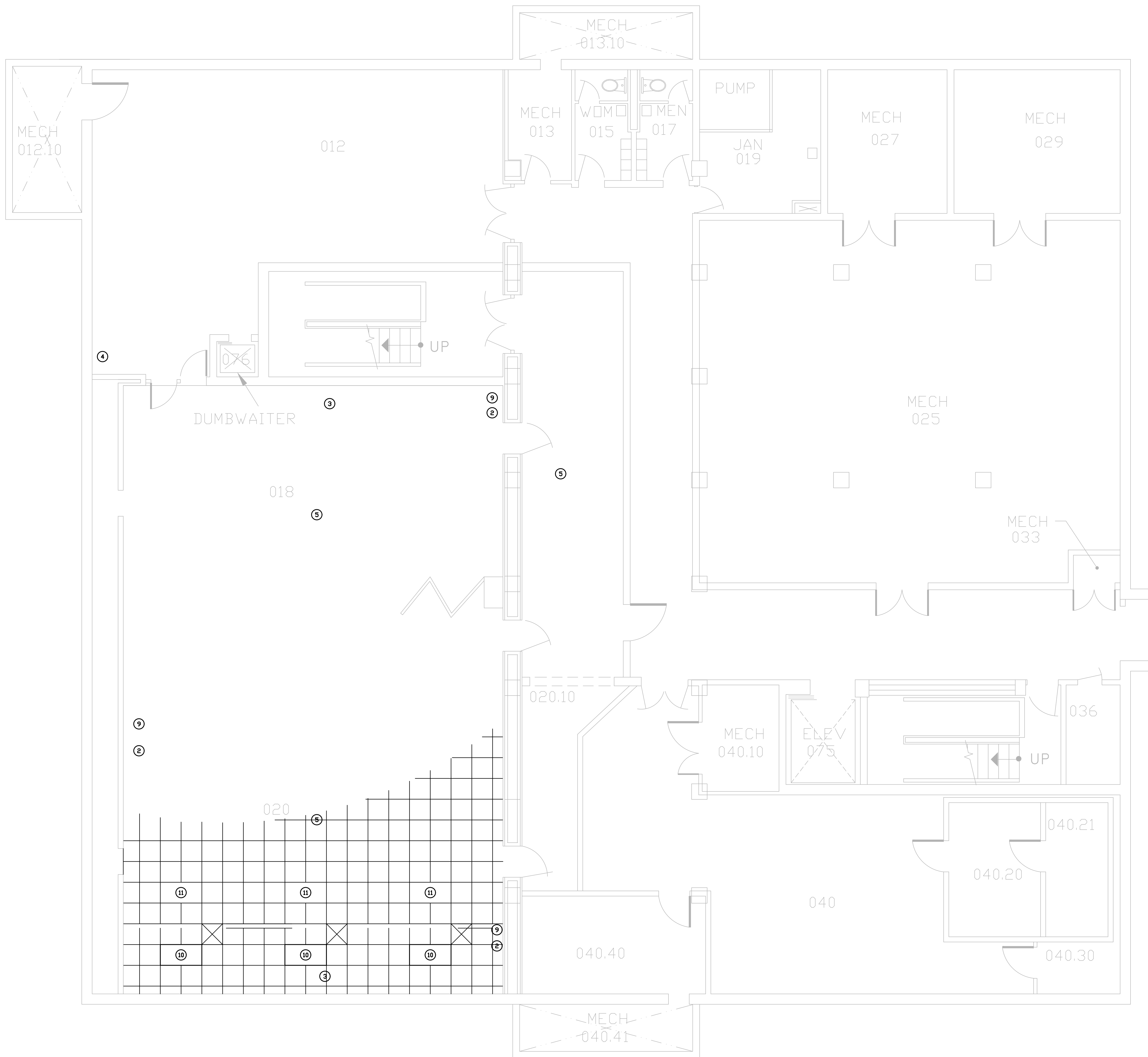
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE TURN KEY INSTALLATION USING UNDERWRITER LABORATORIES UL LISTED PRODUCTS INCLUDING DESIGN, OBTAINING APPROVALS AND COORDINATION WITH OTHER TRADES. INSTALL TO MEET NFPA NO. 13 AND 72 AND THE LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS.
2. SUBMIT WORKING PLANS AND HYDRAULIC CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL FIRE PROTECTION ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED, TO AUTHORITIES THAT HAVE JURISDICTION. ARCHITECT OF RECORD DESIGN DOCUMENTS ARE FOR PERMIT PURPOSES. THE DESIGN IS NOT INTENDED TO LIMIT THE CONTRACTOR FROM PROVIDING ANOTHER DESIGN THAT MAY BE MORE ECONOMIC AND STILL MEET THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
3. THE HYDRAULIC CALCULATIONS SHALL INCLUDE THE PRESSURE DROP THROUGH ALL PIPE, FITTINGS AND DEVICES, INCLUDING THE PRESSURE DROP THROUGH THE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, FROM THE MOST HYDRAULIC REMOTE POINT OF THE SPRINKLER SYSTEM TO THE LOCATION OF THE TEST HYDRANT.
4. SUBMIT DRAWINGS TO LOCAL FIRE DEPT. AND OBTAIN NECESSARY APPROVALS, PERMITS AND CERTIFICATES PRIOR TO SUBMISSION TO THE ENGINEER FOR FINAL REVIEW.
5. WHERE REQUIRED BY CODE OR DIRECTED BY LOCAL AUTHORITIES, CONTRACTOR SHALL PROVIDE SEISMIC HANGING & CONSTRAINTS ON ALL PIPING IN COMPLETE ACCORDANCE WITH THE LATEST ISSUE OF THE STATE MECHANICAL BUILDING CODE, LOCAL CODES AND NFPA.
6. FIRE PROTECTION CONTRACTOR SHALL PROVIDE A GUARANTEE COVERING ALL DESIGN, INSTALLATION, MATERIAL AND WORKMANSHIP FOR ONE YEAR FOLLOWING DATE OF ACCEPTANCE BY CVS.
7. THE HYDRAULIC CALCULATIONS SHALL BE BASED ON THE LATEST FLOW TEST DATA.
8. THE FOLLOWING INFORMATION SHALL BE PROVIDED BY THE FIRE PROTECTION CONTRACTOR AT SUBMITTAL OF SHOP DRAWINGS AND CALCULATIONS:
STATIC PRESSURE PSI: XX
RESIDUAL PRESSURE PSI: XX
FLOW GPM: XXXX
FLOW/TEST HYDRANT LOCATIONS: XXXX
DATE OF TEST: XX-XX-XXXX
TIME OF TEST: XXXX
RESPONSIBLE PARTY CONDUCTING TEST: XXXX
HYDRANT OUTLET DISCHARGE COEFFICIENT: XXXX
9. PIPING SHALL BE SLOPED TO DRAIN BACK TO SPRINKLER RISER. AUXILIARY DRAINAGE IN ACCORDANCE WITH NFPA 13 SHALL BE PROVIDED FOR ALL TRAPPED SECTIONS OF PIPE.
10. PIPE ALL DRAINS AND INSPECTOR'S TEST TO OUTSIDE, OR DISCHARGE TO A DRAIN APPROVED BY THE OWNER FOR SPRINKLER DISCHARGE.
11. PROVIDE AUTOMATIC SPRINKLER BELOW OBSTRUCTIONS 48 INCHES AND WIDER. (PLATFORMS, DUCTWORK, STAIRWAYS, UNIT HEATER, ETC).
12. PROVIDE 10 POUND ABC TRIPLE CLASS FIRE EXTINGUISHERS, BASED ON 3000 SQ FT OF FLOOR AREA WITH A MAX OF 75 FT TRAVEL DISTANCE.
13. REFER TO THE ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND COORDINATE ALL WORK WITH ALL OTHER CONTRACTORS PRIOR TO INSTALLATION OF THE SPRINKLER SYSTEM.
14. THE SPRINKLER DESIGN SHALL BE BASED ON STANDARD RESPONSE SPRINKLERS. AT THE CONTRACTOR'S OPTION, EXTENDED COVERAGE SPRINKLER MAY BE USED, IN CONFORMANCE WITH NFPA 13 AND THE AUTHORITY HAVING JURISDICTION.

2 ROOF PLAN - MECHANICAL

Scale: 1/4" = 1'-0"

3 BASEMENT FLOOR PLAN - MECHANICAL

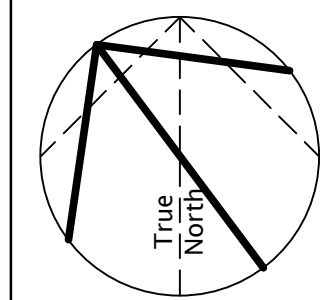
Scale: 1/4" = 1'-0"



- 1 REMOVE WALL SPEAKER, BACKBOX AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 2 REMOVE TELECOMMUNICATION OUTLET, BACKBOX AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 3 REMOVE MOTORIZED PROJECTION SCREEN, CONTROLS, AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 4 REMOVE WALL MOUNTED RACK AND ASSOCIATED EQUIPMENT, AND ASSOCIATED LOW VOLTAGE CONDUIT AND WIRE BACK TO SOURCE. EXISTING POWER SHALL REMAIN IN PLACE.
- 5 REMOVE EXISTING CEILING MOUNTED SPEAKERS AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 6 REMOVE EXISTING WALL MOUNTED PROJECTOR, BACKBOX AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 7 REMOVE FLOOR MOUNTED RACK AND ASSOCIATED EQUIPMENT, AND ASSOCIATED LOW VOLTAGE CONDUIT AND WIRE BACK TO SOURCE. EXISTING POWER SHALL REMAIN IN PLACE.
- 8 REMOVE DIGITAL ANNOUNCEMENT BOARD, BACKBOX AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 9 REMOVE VOLUME CONTROL, BACKBOX AND ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 10 EXISTING LIGHT TO REMAIN. DISCONNECT FROM EXISTING ROOM ROOM 020 SWITCHED CIRCUITING.
- 11 EXISTING LIGHT TO REMAIN. RE-WIRE TO REMAIN ON ROOM 020 SWITCHED CIRCUITING.

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Keyplan



NORR
ARCHITECTS ENGINEERS PLANNERS

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Detroit, Michigan, 48226 USA
www.norr.com

Project Manager SCOTT ROBACH	Drawn MELISSA GOOD
Project Leader	Checked MELISSA GOOD

Client	
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WAYNE STATE UNIVERSITY
5454 CASS AVENUE
DETROIT MI. 48202

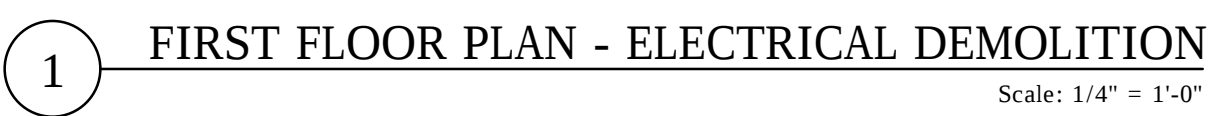
Project WSU # 043-261016
McGregor AV
MCGREGOR MEMORIAL CONFERENCE CENTER
495 GILMOUR MALL DETROIT, MI 48202

BASEMENT FLOOR
PLAN - ELECTRICAL
DEMOLITION

Check Scale (may be photo reduced)

Project No.	JCDT17-0008
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Drawing No.	E1-01
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Seal(s)	North Arrow
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NORR
ARCHITECTS ENGINEERS PLANNERS

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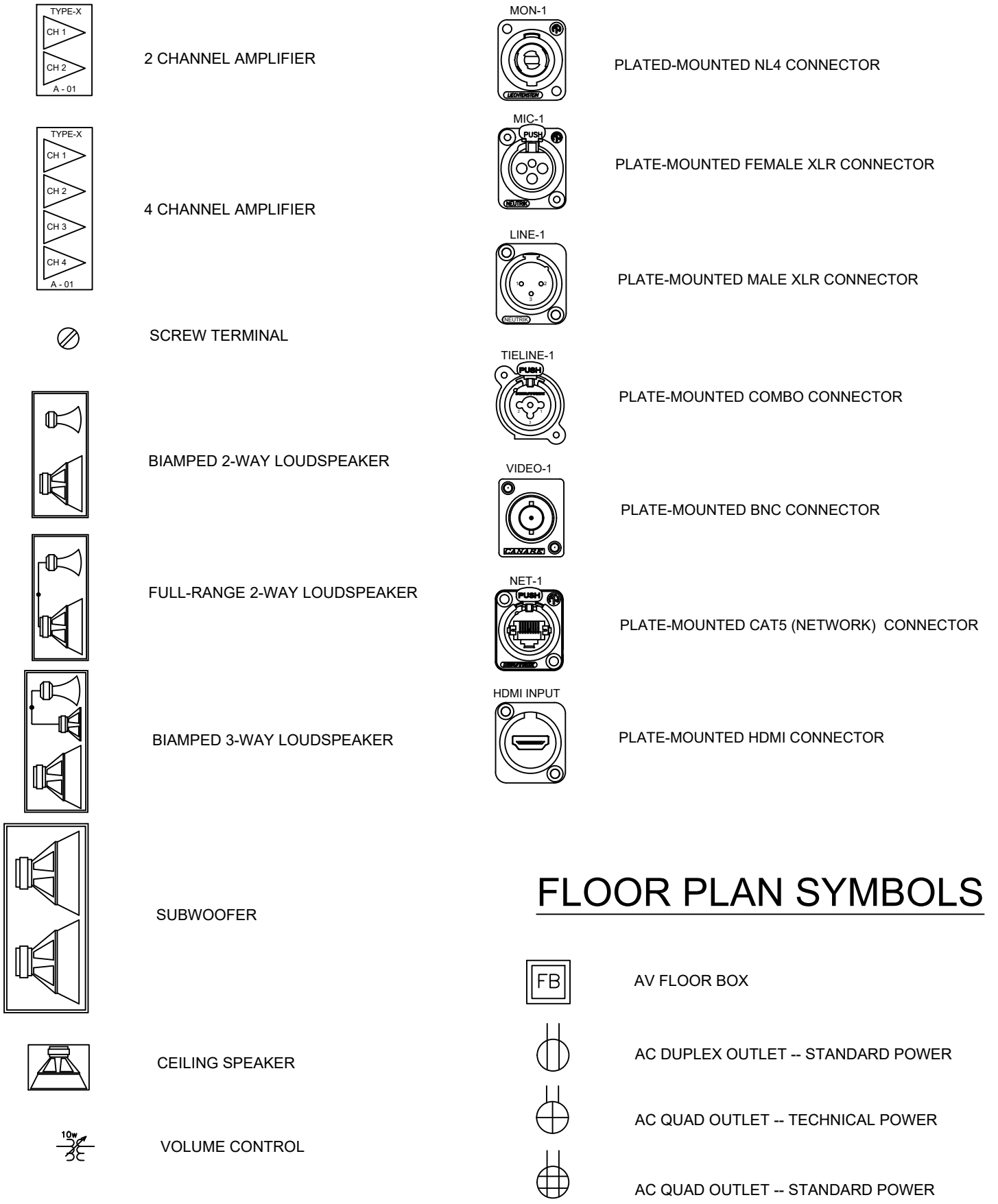
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Detroit, Michigan, 48226 USA
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Project Leader	Checked MELISSA GOOD
Client	
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Project	WSU # 043-261016 McGregor AV MCGREGOR MEMORIAL CONFERENCE CENTER 495 GILMOUR MALL DETROIT, MI 48202
Drawing Title	
FIRST FLOOR PLAN - ELECTRICAL DEMOLITION	
Check Scale (may be photo reduced) 0 1 inch 0 mm	
Project No.	JCDT17-0008
Drawing No.	
E1-11	

DATES OF ISSUE		
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•	7/14/17	• CONSTRUCTION DOCUMENTS
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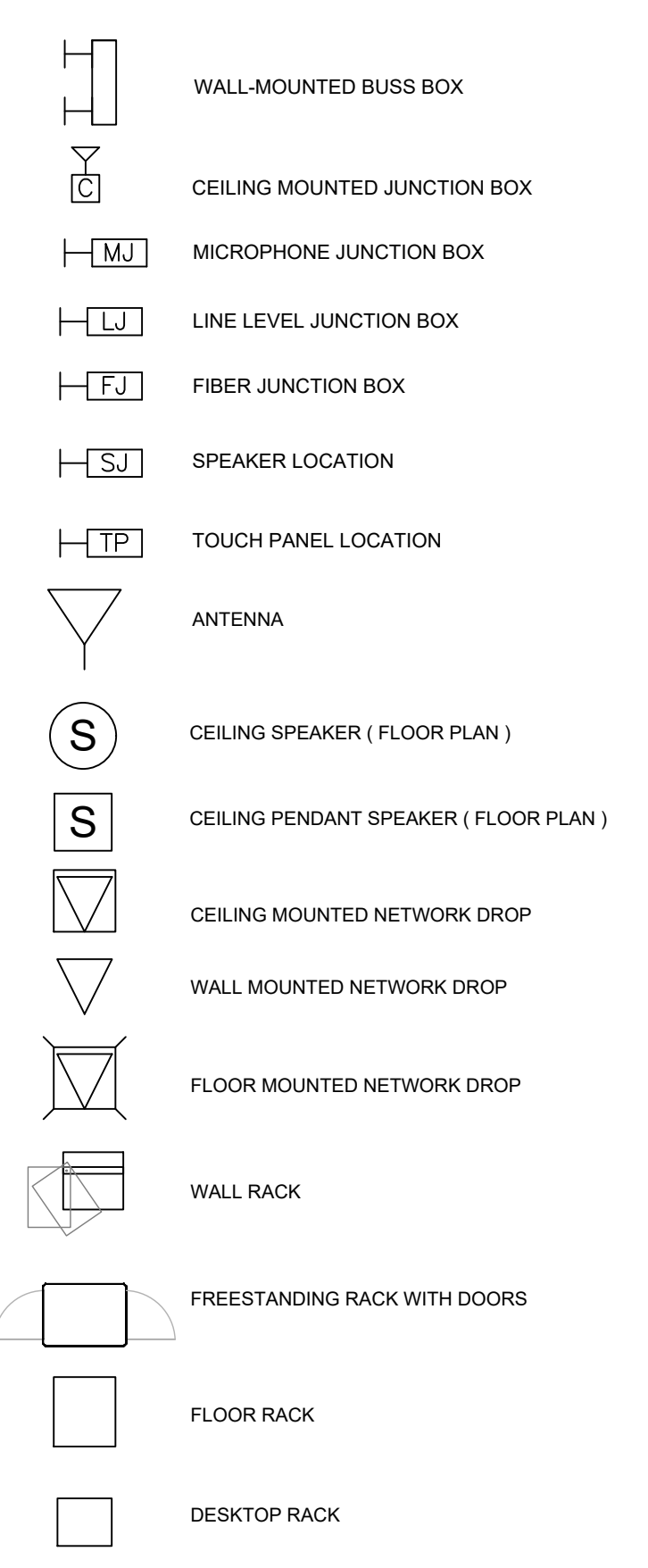
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SCHEMATIC SYMBOLS

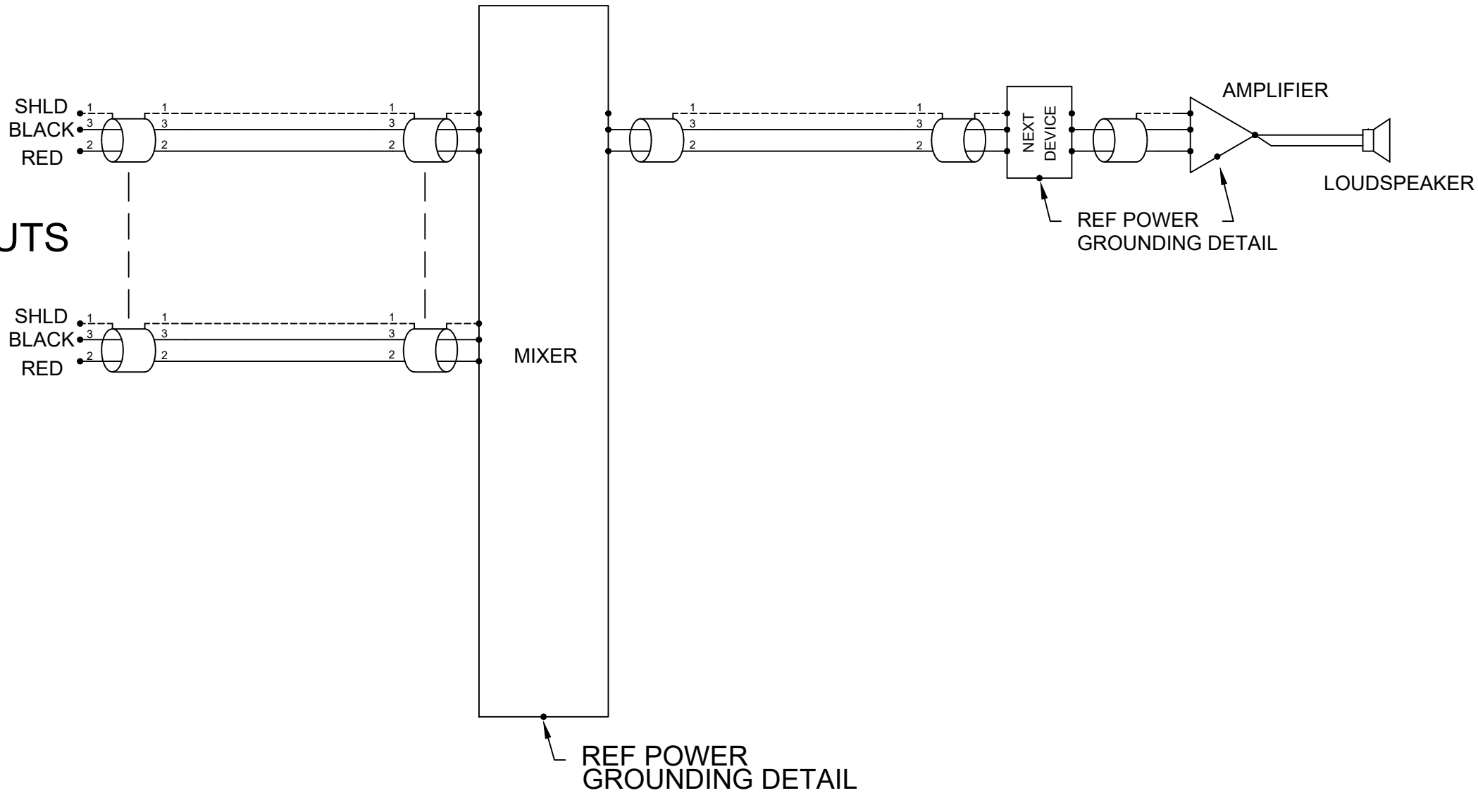


FLOOR PLAN SYMBOLS

FLOOR PLAN SYMBOLS (cont.)



MIC INPUTS



1. FLOAT SHIELDS AT OUTPUTS OF DEVICES.
2. CONNECT ALL GROUND LINES AT ONLY ONE POINT IN EQUIPMENT RACK.
3. EQUIPMENT ARRANGEMENT SHOWN FOR ILLUSTRATION ONLY. REFER TO SYSTEM SCHEMATIC DIAGRAM FOR ACTUAL CONFIGURATION.

SIGNAL GROUNDING DETAIL

NO SCALE

ABBREVIATIONS

NO SCALE

GENERAL INFORMATION & DIVISION OF LABOR

TERMS:
FURNISH = PROVIDE AND INSTALL.
PROVIDE = DELIVER TO CUSTOMER IN BOX.
INSTALL = TAKE PROVIDED PIECE AND INSTALL PER DRAWING AND SPEC.

ELECTRICAL CONTRACTOR:

1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT AND BOXES ASSOCIATED WITH THE AUDIO, VIDEO, AND THEATRICAL LIGHTING SYSTEMS AS SHOWN ON THE DRAWINGS.
2. ELECTRICAL CONTRACTOR SHALL SUPPLY ALL JUNCTION BOXES FOR THE AV AND THEATRICAL LIGHTING SYSTEMS WITH APPROPRIATE COVERS.
3. ALL CONDUITS NOT SPECIFICALLY IDENTIFIED SHALL BE 3/4".
4. ALL CONDUITS BELOW GRADE SHALL BE PVC OR AS REQUIRED BY CODE. ALL CONDUITS ABOVE GRADE SHALL BE EMT OR AS REQUIRED BY CODE.
5. NO CONDUIT SHALL BE INSTALLED WITH MORE THAN THREE (3) 90 DEGREE BENDS. IF A CONDUIT RUN REQUIRES MORE THAN THREE BENDS OR IF THE CONDUIT RUN IS IN EXCESS OF 150' IN TOTAL LENGTH, INSERT A PULL BOX OR USE THE NEXT LARGER SIZE CONDUIT.
6. ALL CONDUITS TO BE LABELED AT THE SOURCE BOX WITH THE DESTINATION BOX IN A CLEAR AND LOGICAL MANNER.
7. ENDS OF ALL CONDUITS ARE TO BE DEBURRED AND SHALL HAVE AN APPROPRIATE BUSHING INSTALLED.
8. ELECTRICAL CONTRACTOR SHALL SUPPLY A POLY PULL-LINE IN EACH CONDUIT.
9. ALL LINE VOLTAGE WIRE FOR THE SOUND, VIDEO, AND THEATRICAL LIGHTING SYSTEMS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
10. LINE VOLTAGE CONDUITS SHALL MAINTAIN A MINIMUM OF 24" SEPARATION FROM AUDIO SIGNAL CONDUITS EXCEPT TO CROSS AT 90° ANGLE WHEN NECESSARY.
11. ALL AV FLOOR POCKETS INCLUDING COVER PLATES AND LIDS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
12. PROVIDE A #6 TECHNICAL GROUND WIRE FROM THE INSULATED GROUND BUS BAR IN PANEL BPAV TO THE MAIN AUDIO EQUIPMENT RACKS.

AV CONTRACTOR:

1. ALL LOW VOLTAGE WIRE FOR THE SOUND AND VIDEO SYSTEMS SHALL BE SUPPLIED AND INSTALLED BY THE AV CONTRACTOR.
2. NO WIRE SPLICES IN CONDUIT.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL INSTALLATION DETAILS.
4. ENGRAVED PANELS IN FLOOR BOXES AND ON WALL PLATES SHALL BE FURNISHED AND INSTALLED BY THE AV CONTRACTOR.

DIVISION OF LABOR

NO SCALE

CONDUIT SEPARATION DATA

AUDIO / VIDEO CONDUIT TYPE	POWER CONDUIT TYPE	SEPARATION DISTANCE		
		UNDER 20 AMP	ABOVE 20 AMP	ABOVE 120 AMP
PVC	PVC	4 FT	12 FT	NO
EMT	EMT	2 FT	4 FT	NO
EMT	RIGID	4 IN	1 FT	4 FT
RIGID	RIGID	1 IN	4 IN	16 IN

* AMPERAGE IN CONDUIT IS THE SUM OF ALL CURRENT CONDUCTORS IN THE PIPE.
NO DESIGNATES A CONDITION THAT SHOULD NOT BE DONE.

CONDUIT LOCATION SEPARATION DATA

POWER CONDUIT TYPE	AV EQUIPMENT LOCATION	UNDER 60 AMP	60 TO 120 AMP
EMT	CONTROL ROOM	OK	30 IN
RIGID STEEL	CONTROL ROOM	OK	OK
EMT	HOUSE MIX/PULL PATH	OK	4 FT
RIGID STEEL	HOUSE MIX/PULL PATH	OK	1 FT
EMT	PLATFORM, PIT	OK	4 FT
RIGID STEEL	PLATFORM, PIT	OK	1 FT
EMT	EQUIPMENT ROOMS	OK	30 IN
RIGID STEEL	EQUIPMENT ROOMS	OK	OK

NO LARGE POWER TRANSFORMERS OR MOTORS SHOULD BE LOCATED WITHIN 50 FEET OF RECORDING OR BROADCAST STUDIOS, STAGES, WORSHIP PLATFORMS, CONTROL ROOMS, A/V EQUIPMENT ROOMS, OR SOUND CONTROL POSITIONS.

POWER CONDUCTOR SIZING DATA

DISTANCE	CONDUCTOR SIZE
0' - 100'	#12 AWG CONDUCTORS
100' - 175'	#10 AWG CONDUCTORS
175' - 250'	#8 AWG CONDUCTORS
250' - 400'	#6 AWG CONDUCTORS

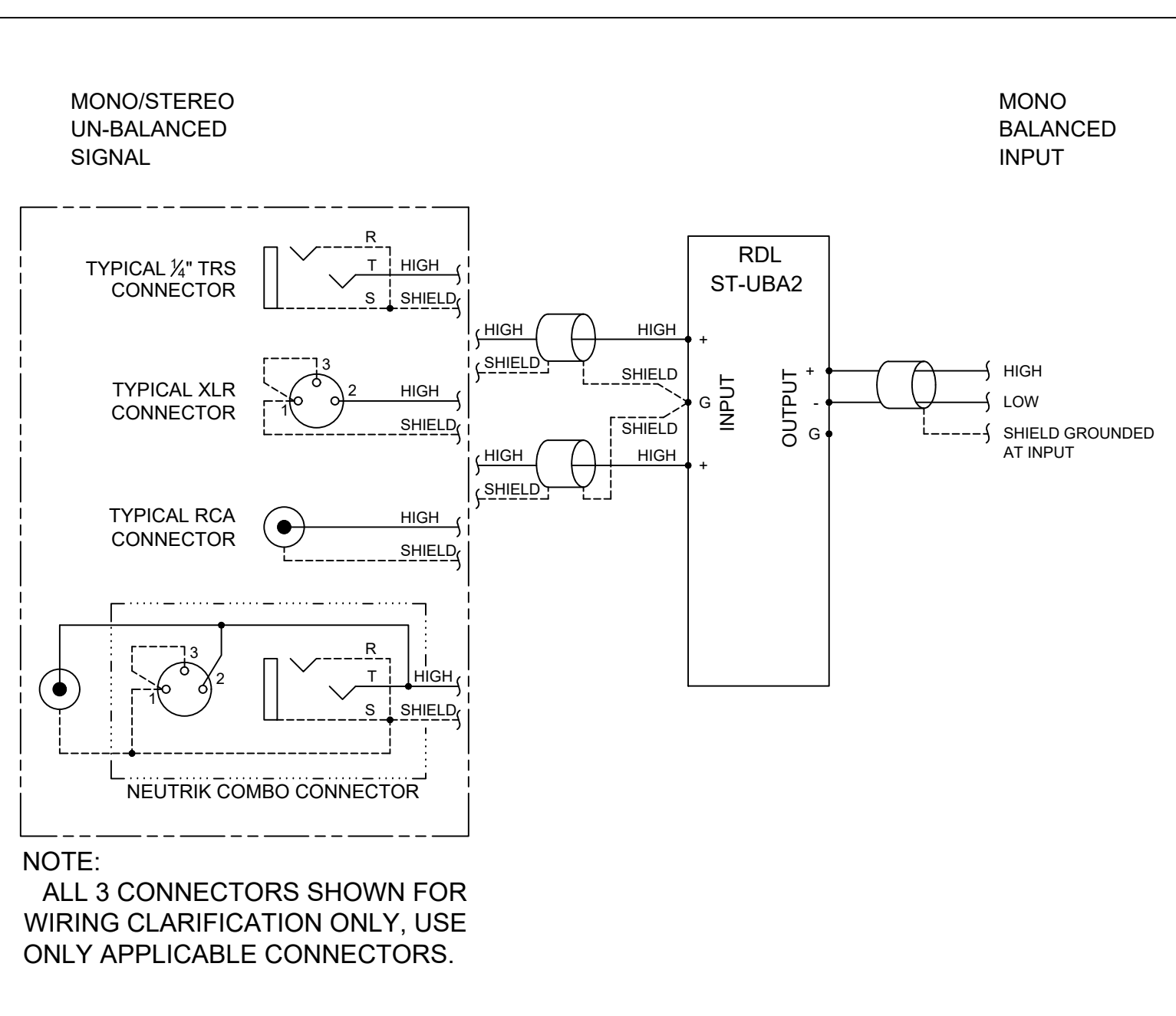
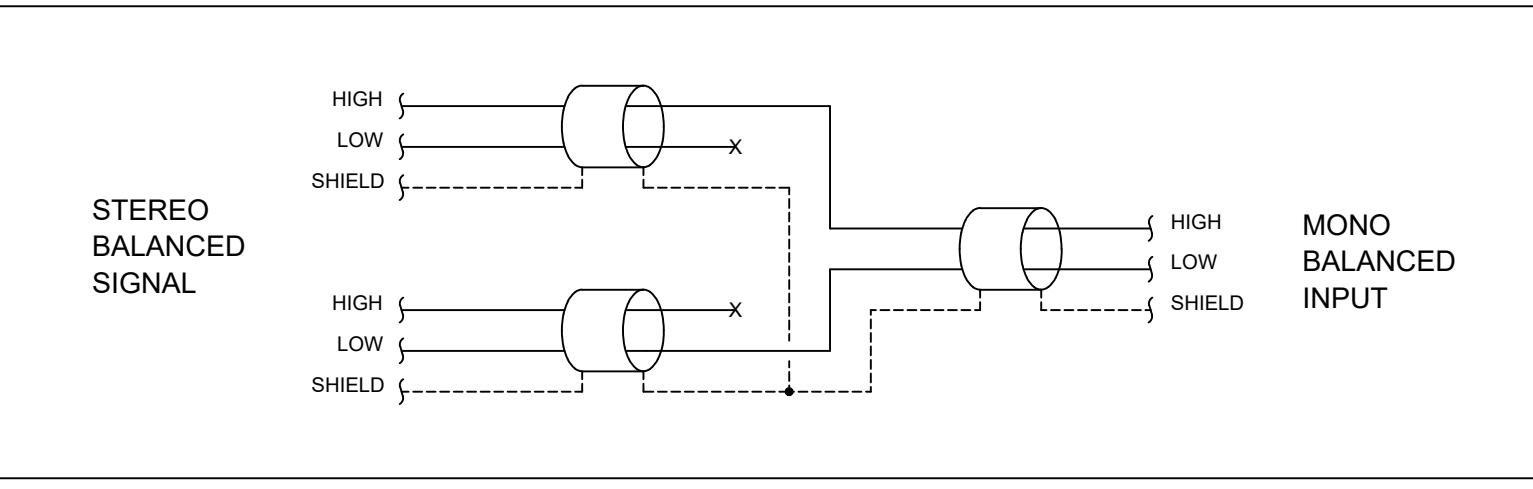
* CONDUCTOR SIZING BASED ON 1200W LOAD @ 120V AC

CONDUIT SEPARATION DETAIL / DATA.

NO SCALE

MONOING NETWORK DETAIL

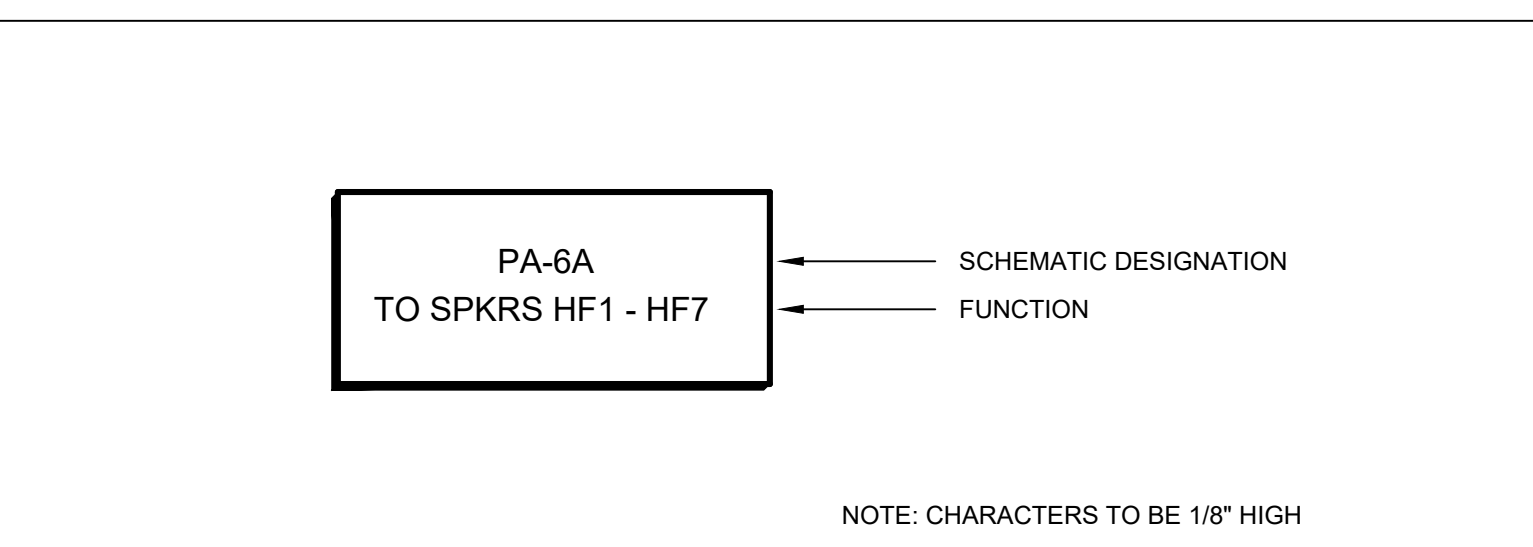
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NOTE:
ALL 3 CONNECTORS SHOWN FOR WIRING CLARIFICATION ONLY. USE ONLY APPLICABLE CONNECTORS.

MONOING NETWORK DETAIL

NO SCALE



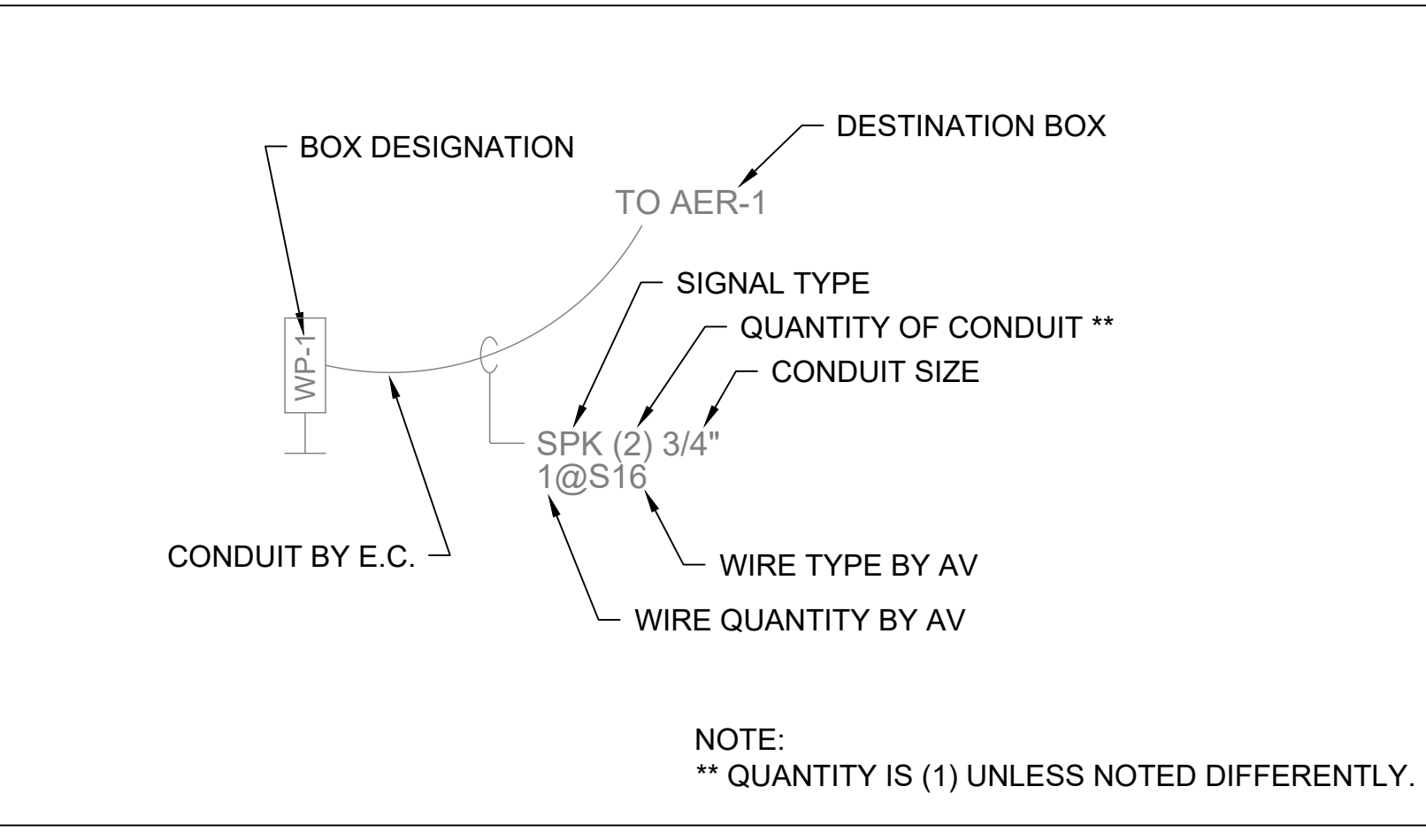
NOTE: CHARACTERS TO BE 1/8" HIGH

TYPICAL EQUIPMENT LABEL

NO SCALE

CONDUIT SIZE AND WIRE PULL DETAIL

NO SCALE



AV DRAWING INDEX

AV100	SHEET INDEX, GENERAL INFO
AV101	VIDEO & CONTROL SCHEMATIC
AV102	AUDIO SCHEMATIC
AV103	POWER DISTRIBUTION SCHEMATIC
AV130	AV EQUIPMENT SCHEDULE
AV150	BASEMENT AV DEMO PLAN
AV151	FIRST FLOOR AV DEMO PLAN
AV152	SECOND FLOOR AV DEMO PLAN
AV200	BASEMENT AV PLAN
AV201	FIRST FLOOR AV PLAN
AV202	SECOND FLOOR AV PLAN
AV300	AV DETAILS

DRAWING INDEX

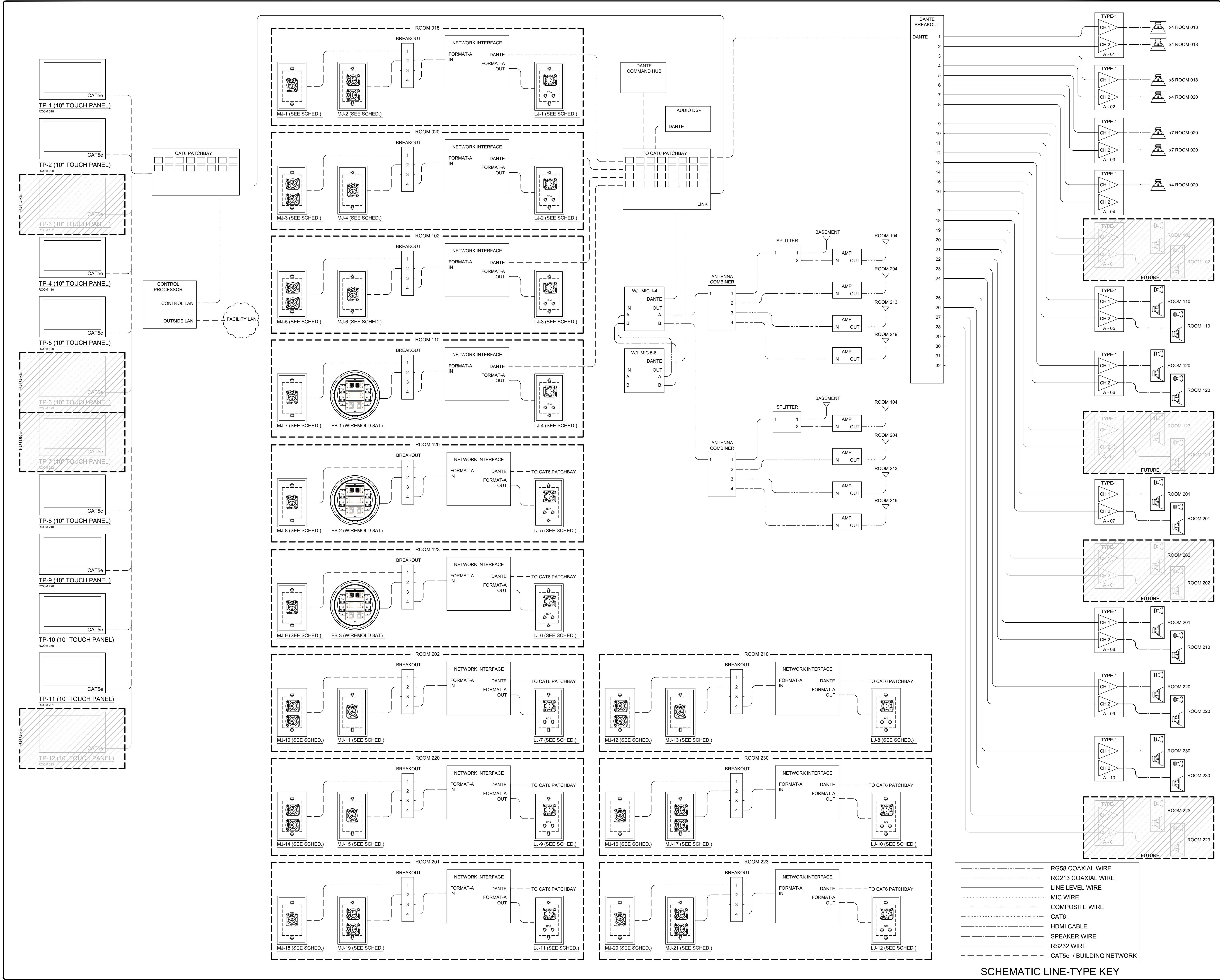
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Designed by: TGH, TJH
Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: SHEET INDEX, GENERAL INFO

Sheet Number

AV100

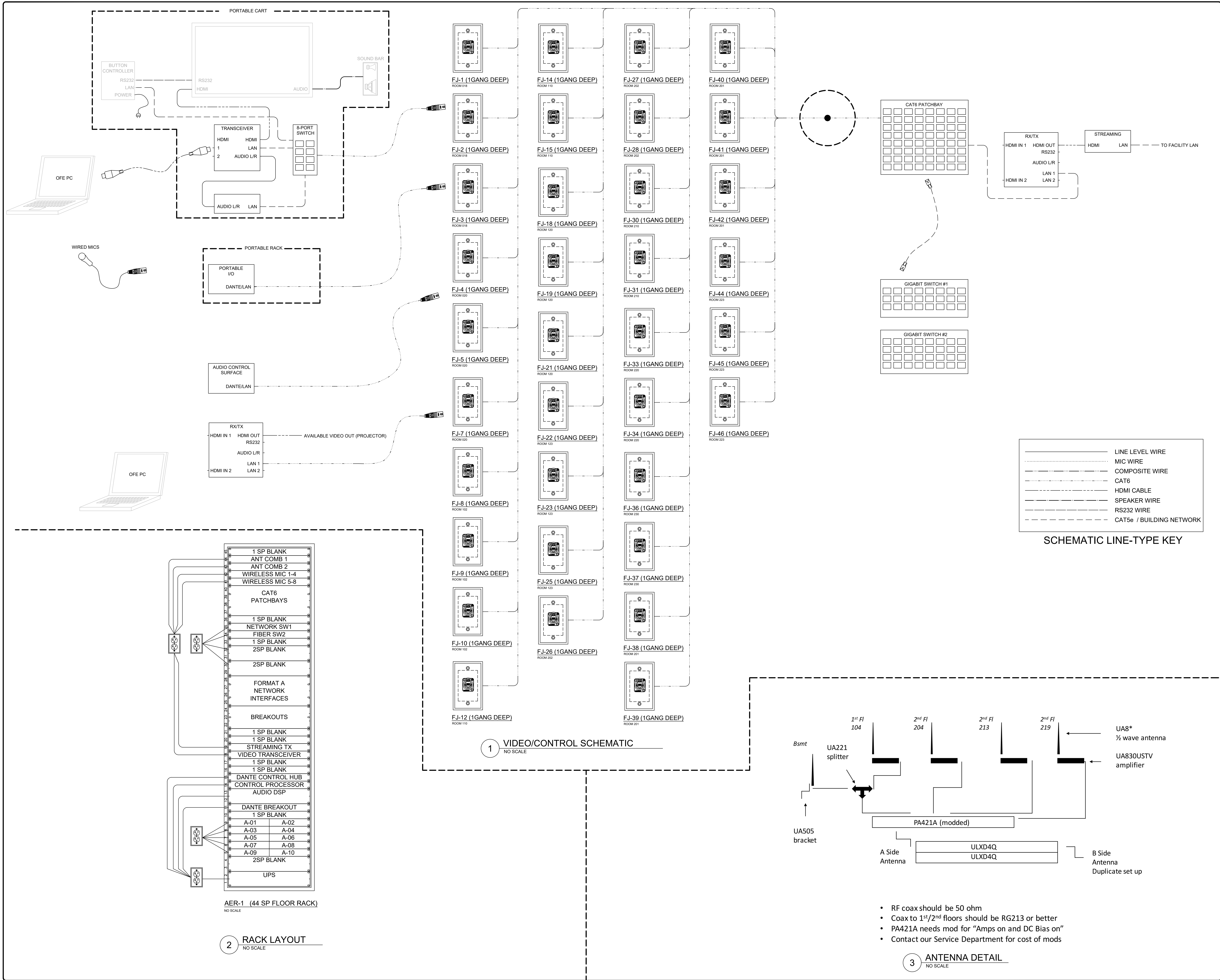


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NO.	DATE	DESCRIPTION
	6/20/16	DD REVIEW MEETING
	8/11/16	65% CD
	5/11/17	OWNER REVIEW
	7/14/17	CONSTRUCTION DOCUMENTS

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Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: **AUDIO SCHEMATIC**



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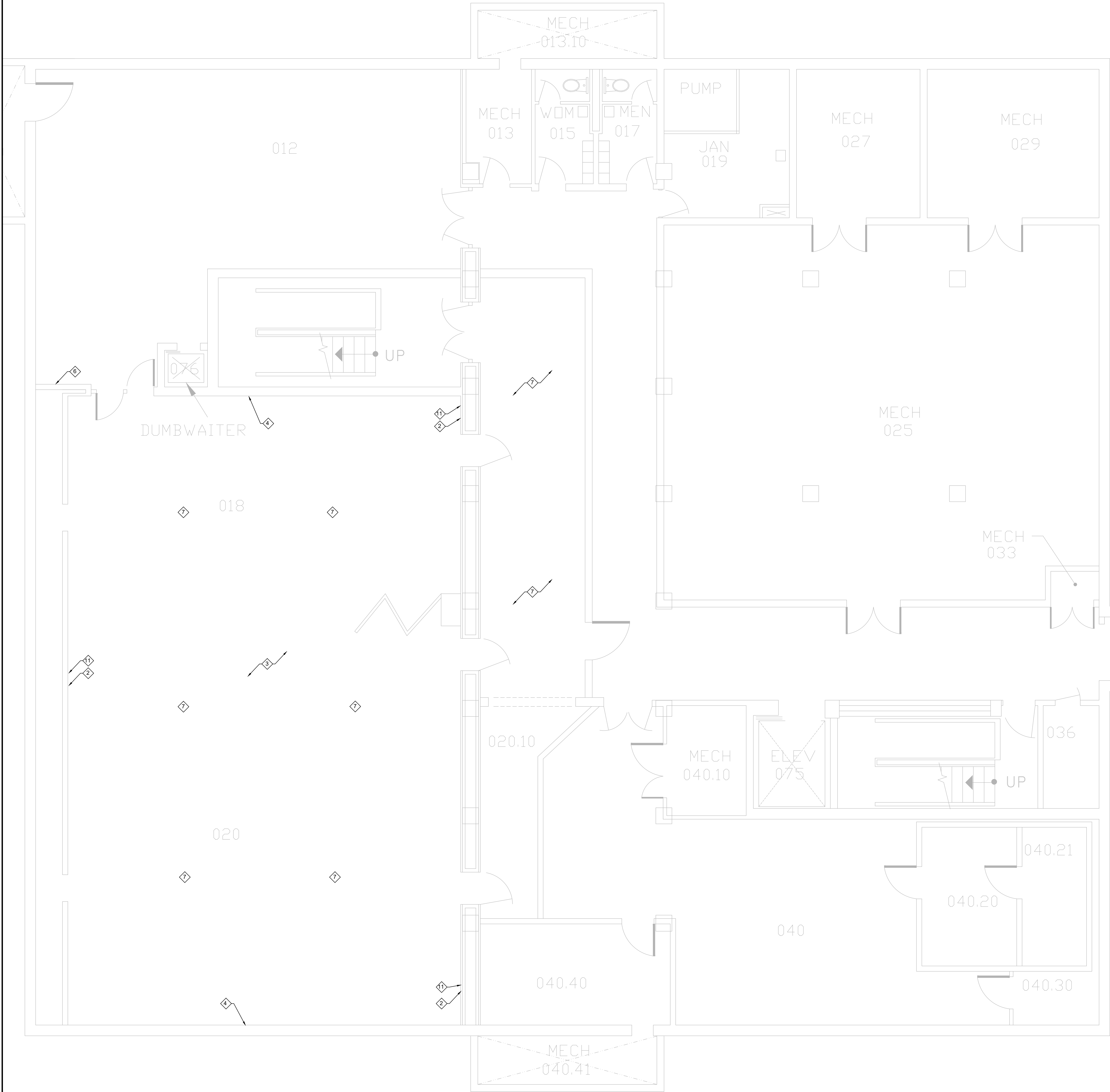
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Designed by: TGH, TJH
Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: VIDEO/CONTROL SCHEMATIC, ANTENNA SCHEMATIC, RACK LAYOUT
Sheet Number: AV102

DATE PLOTTED: Thursday, July 13, 2017 13:25 PM

SCHEDULE

[illegible]



KEYED NOTES

- EXISTING WALL SPEAKERS AND ALL ASSOCIATED WIRING TO BE REMOVED. SPEAKERS TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- REMOVE EXISTING AV PLATE, BOX, AND ASSOCIATED WIRING. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- ALL DATA CONNECTIONS TO REMAIN
- EXISTING WALL MOUNTED PROJECTION SCREEN AND HIGH VOLTAGE CONTROL TO BE REMOVED. EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING WALL MOUNTED PROJECTION SCREEN AND HIGH VOLTAGE CONTROL TO REMAIN.
- EXISTING WALL RACK, EQUIPMENT IN RACK, AND ASSOCIATED WIRING TO BE REMOVED. RACKS AND EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING CEILING SPEAKERS AND ASSOCIATED WIRING TO BE REMOVED. SPEAKERS TO BE TURNED OVER TO OWNER. OWNER TO PROVIDE REPLACEMENT CEILING TILES AS NEEDED, CONTRACTOR TO INSTALL.
- EXISTING WALL MOUNTED PROJECTOR AND ASSOCIATED WIRING TO BE REMOVED. EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING FLOOR RACK, EQUIPMENT IN RACK, AND ASSOCIATED WIRING TO BE REMOVED. RACKS AND EQUIPMENT TO BE TURNED OVER TO OWNER.
- EXISTING DIGITAL ANNOUNCEMENT BOARD AND ASSOCIATED WIRING TO BE REMOVED. DIGITAL ANNOUNCEMENT BOARD TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- VOLUME CONTROL BOX AND ASSOCIATED WIRING TO BE REMOVED. PATCH/REPAIR AND PAINT WALL AS REQUIRED.

DATES OF ISSUE		
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• 5/11/17 • OWNER REVIEW		
• 7/14/17 • CONSTRUCTION DOCUMENTS		
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Sheet Title:
**BASEMENT AV DEMO
PLAN**

Sheet Number

AV150

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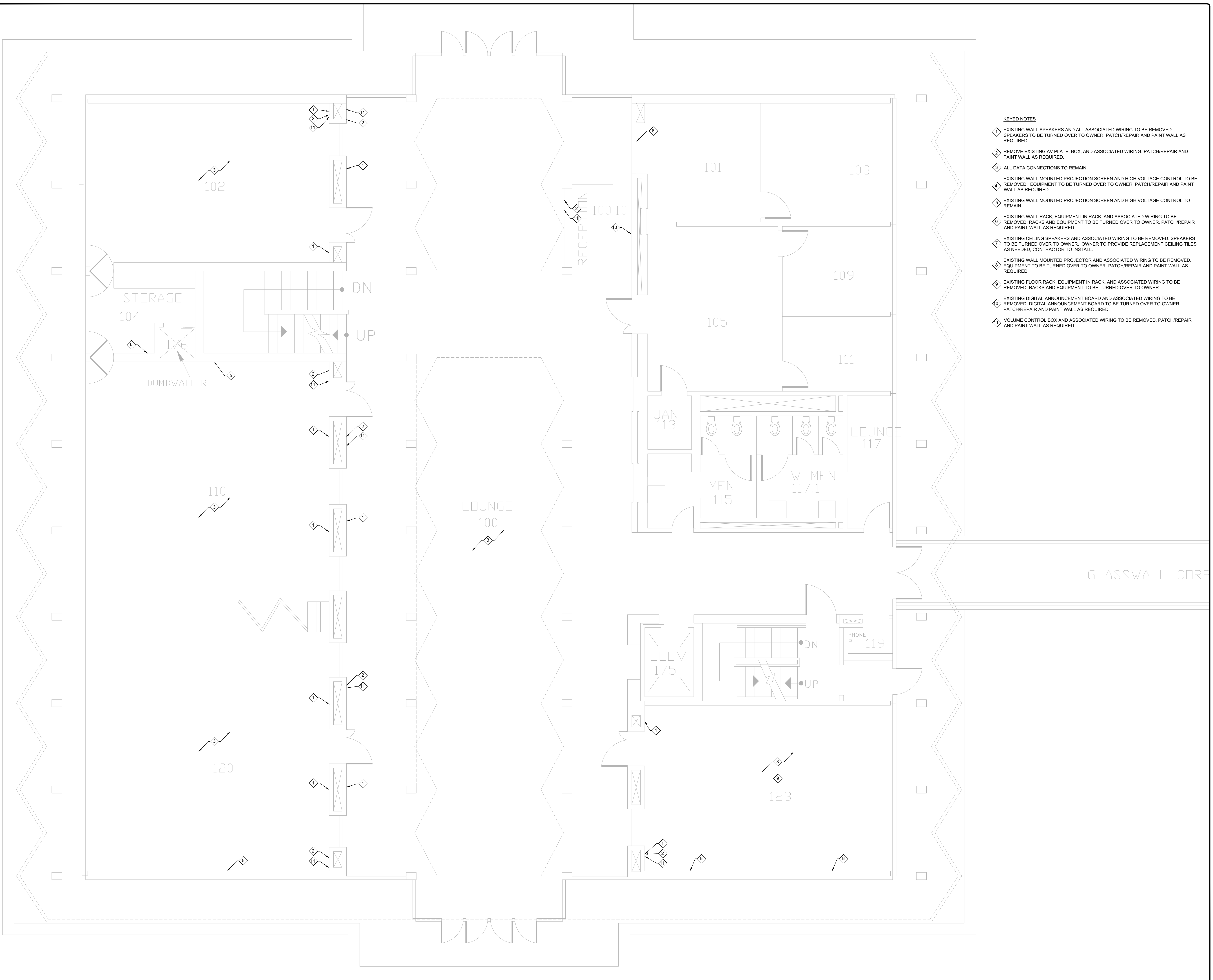
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Drawn by: MLT
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Sheet Title:
FIRST FLOOR AV DEMO
PLAN

Sheet Number
AV151

KEYED NOTES

- EXISTING WALL SPEAKERS AND ALL ASSOCIATED WIRING TO BE REMOVED. SPEAKERS TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- REMOVE EXISTING AV PLATE, BOX, AND ASSOCIATED WIRING. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- ALL DATA CONNECTIONS TO REMAIN
- EXISTING WALL MOUNTED PROJECTION SCREEN AND HIGH VOLTAGE CONTROL TO BE REMOVED. EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING WALL MOUNTED PROJECTION SCREEN AND HIGH VOLTAGE CONTROL TO REMAIN.
- EXISTING WALL RACK, EQUIPMENT IN RACK, AND ASSOCIATED WIRING TO BE REMOVED. RACKS AND EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING CEILING SPEAKERS AND ASSOCIATED WIRING TO BE REMOVED. SPEAKERS TO BE TURNED OVER TO OWNER. OWNER TO PROVIDE REPLACEMENT CEILING TILES AS NEEDED. CONTRACTOR TO INSTALL.
- EXISTING WALL MOUNTED PROJECTOR AND ASSOCIATED WIRING TO BE REMOVED. EQUIPMENT TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- EXISTING FLOOR RACK, EQUIPMENT IN RACK, AND ASSOCIATED WIRING TO BE REMOVED. RACKS AND EQUIPMENT TO BE TURNED OVER TO OWNER.
- EXISTING DIGITAL ANNOUNCEMENT BOARD AND ASSOCIATED WIRING TO BE REMOVED. DIGITAL ANNOUNCEMENT BOARD TO BE TURNED OVER TO OWNER. PATCH/REPAIR AND PAINT WALL AS REQUIRED.
- VOLUME CONTROL BOX AND ASSOCIATED WIRING TO BE REMOVED. PATCH/REPAIR AND PAINT WALL AS REQUIRED.



DATES OF ISSUE

[illegible]

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Drawn by:
MLT

Checked By:
TGH, TJH

SECOND FLOOR AV DEMO PLAN

Sheet Number

AV152

DATES OF ISSUE		
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	7/14/17	CONSTRUCTION DOCUMENTS

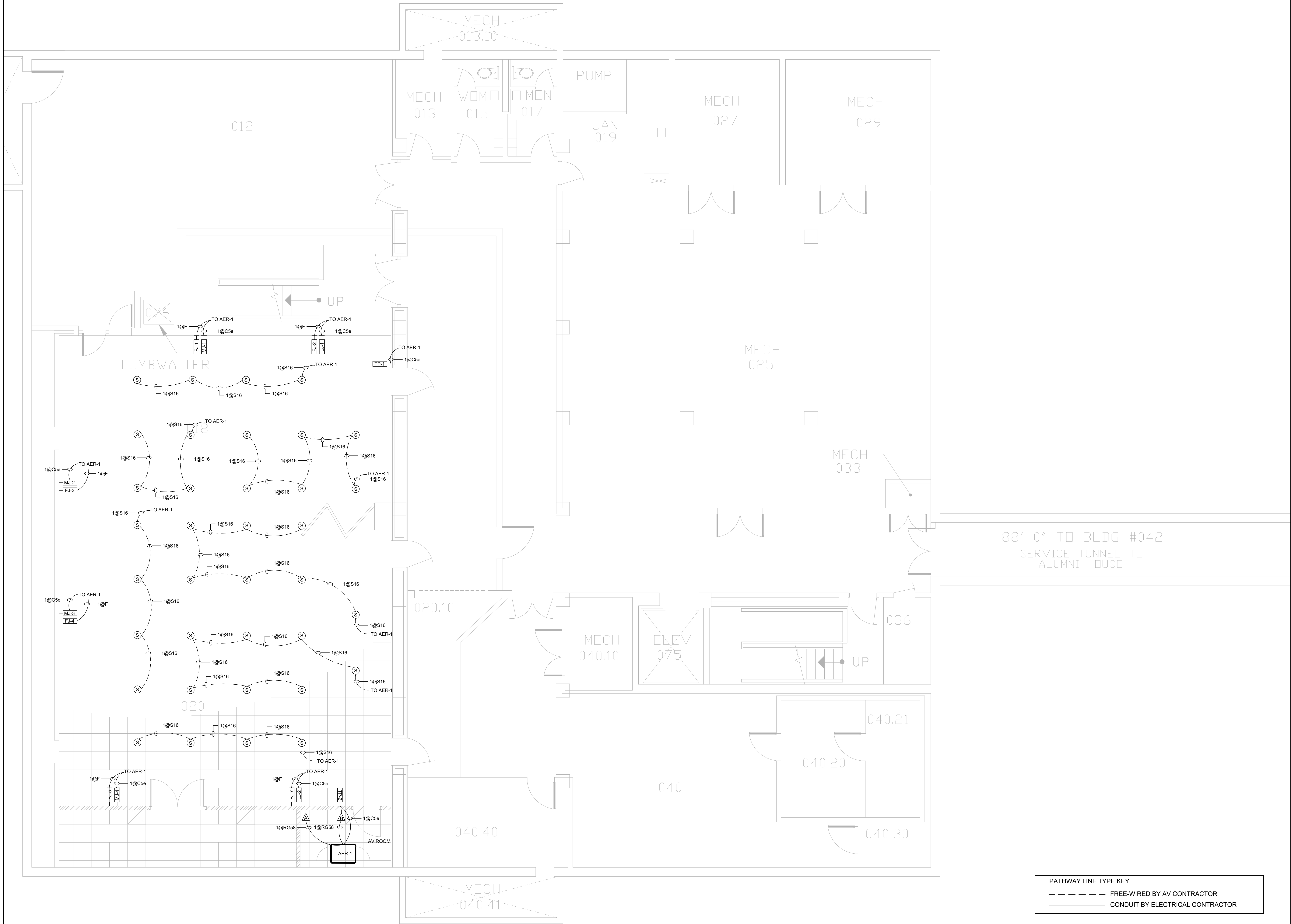
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WSU MCGREGOR MEMORIAL
CONF. CENTER #043
DETROIT, MI

Designed by: TGH, TJH
Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: BASEMENT AV PLAN

Sheet Number: AV200

PATHWAY LINE TYPE KEY	
---	FREE-WIRED BY AV CONTRACTOR
---	CONDUIT BY ELECTRICAL CONTRACTOR



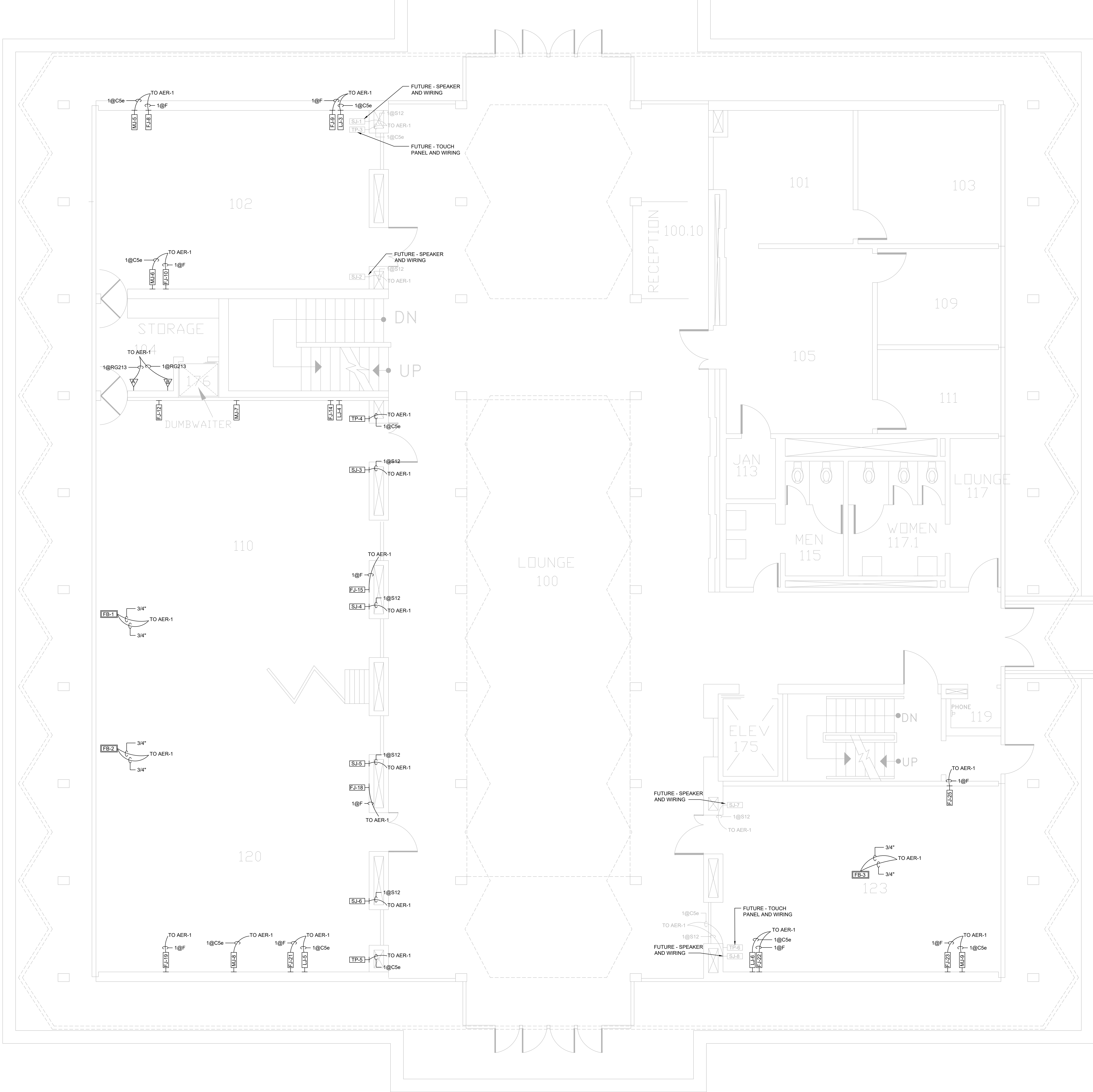
DATES OF ISSUE		
NO.	DATE	DESCRIPTION
	6/20/16	DD REVIEW MEETING
	8/11/16	65% CD
	5/11/17	OWNER REVIEW
	7/14/17	CONSTRUCTION DOCUMENTS

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WSU MCGREGOR MEMORIAL
CONF. CENTER #043
DETROIT, MI

Designed by: TGH, TJH
Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: FIRST FLOOR AV PLAN

Sheet Number: AV201



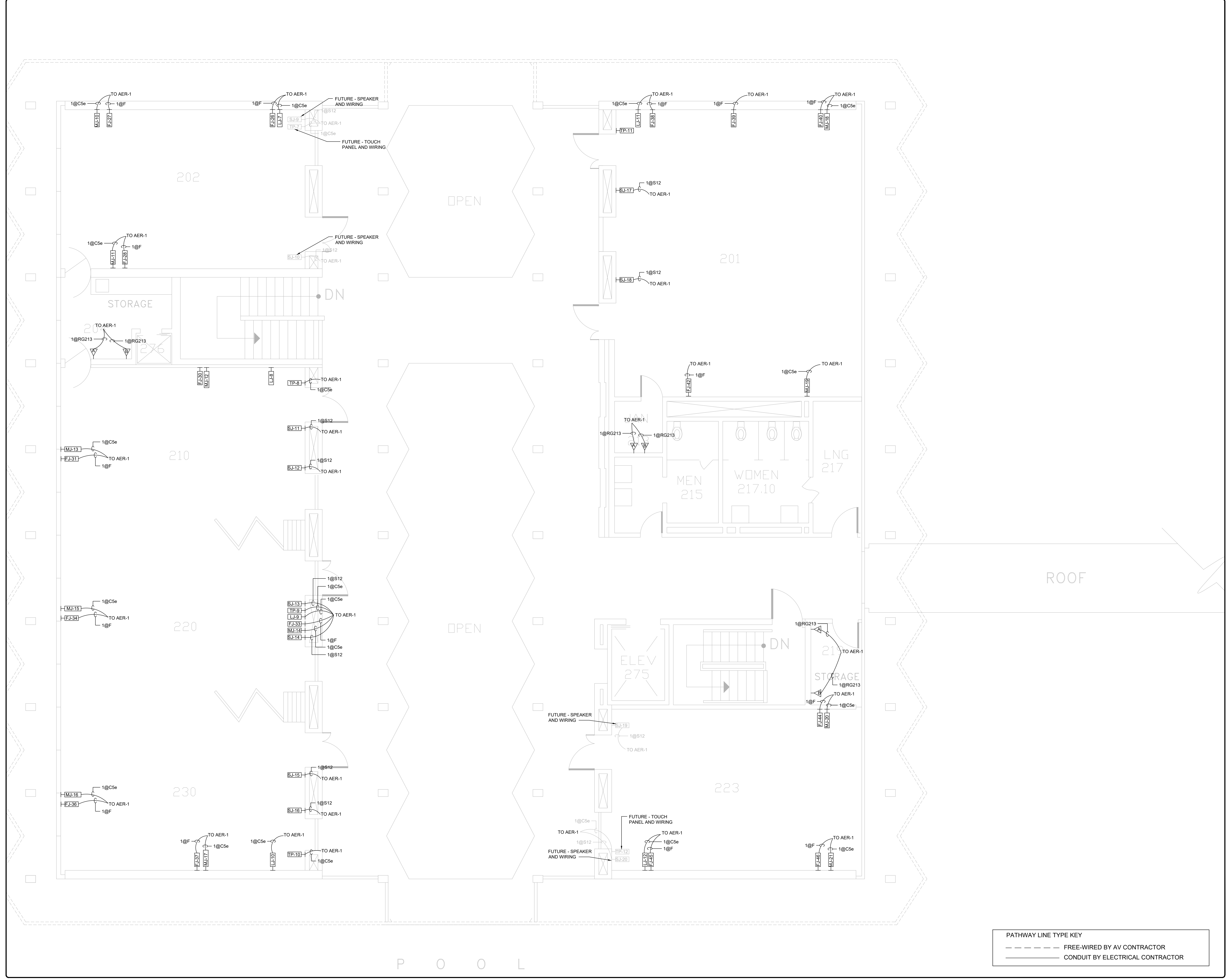
PATHWAY LINE TYPE KEY
- - - - - FREE-WIRED BY AV CONTRACTOR
_____ CONDUIT BY ELECTRICAL CONTRACTOR

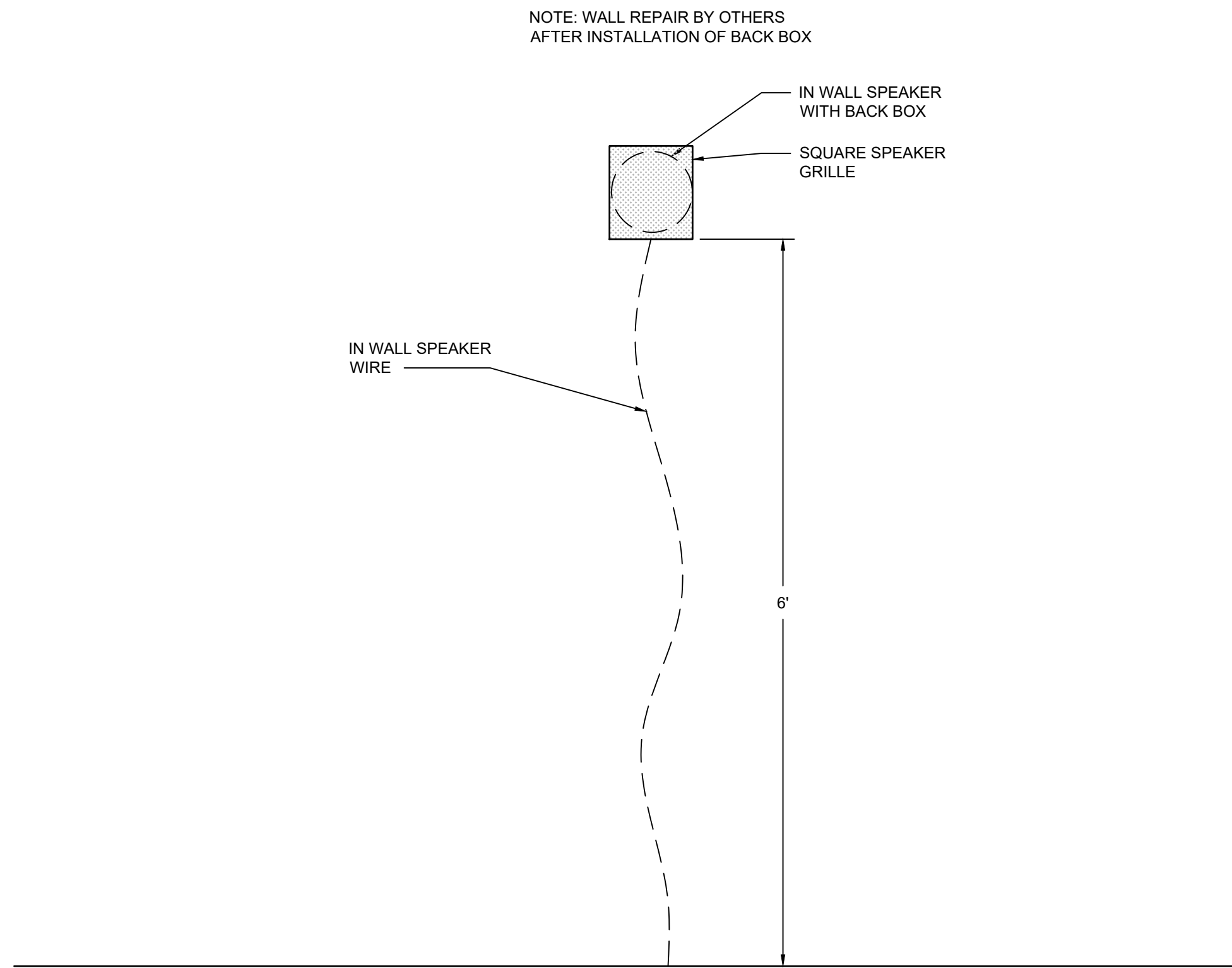
DATES OF ISSUE		
NO.	DATE	DESCRIPTION
	6/20/16	• DD REVIEW MEETING
	8/11/16	• 65% CD
	5/11/17	• OWNER REVIEW
	7/14/17	• CONSTRUCTION DOCUMENTS
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CONF. CENTER #043
DETROIT, MI

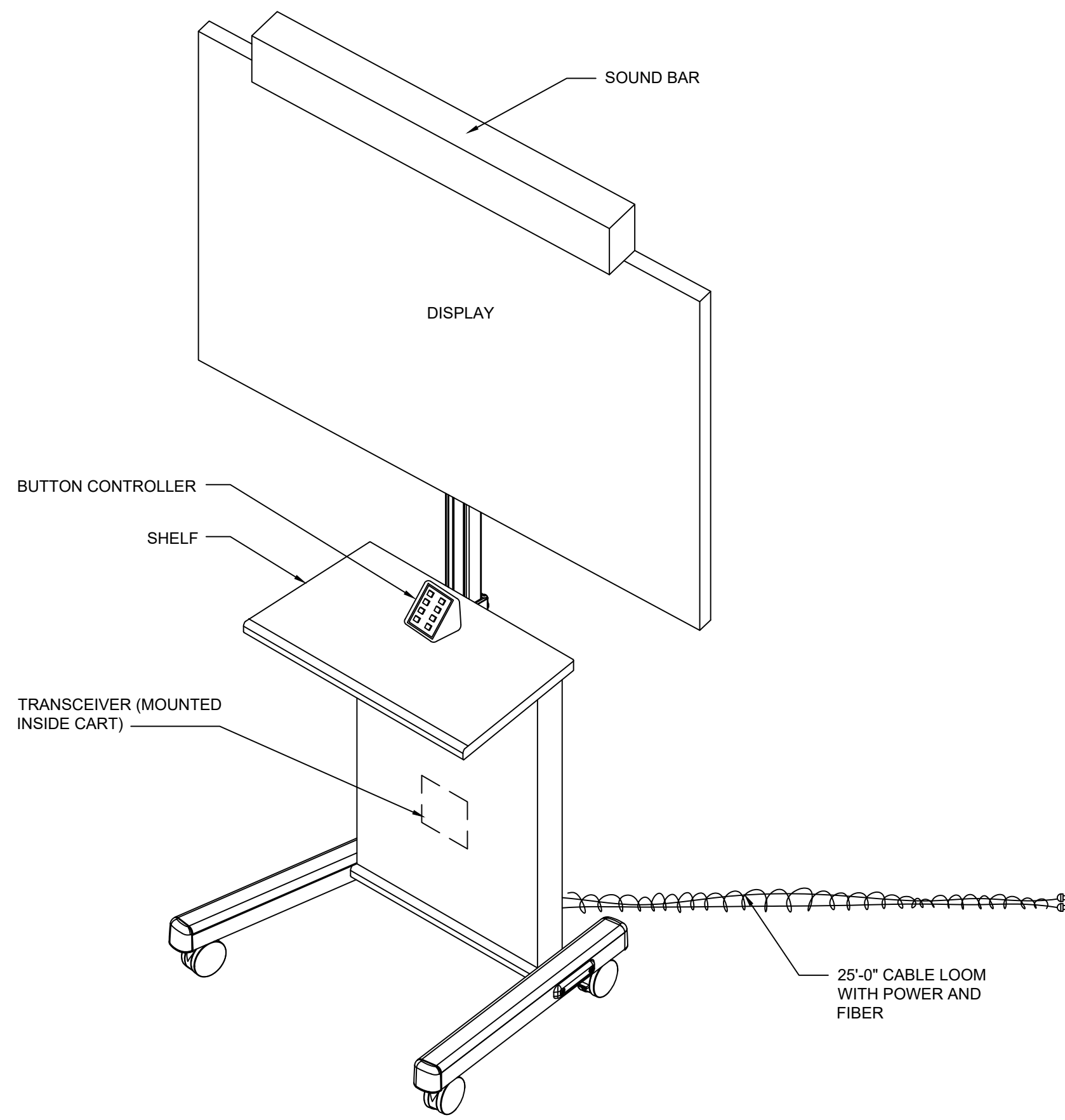
Designed by: TGH, TJH
Drawn by: MLT
Checked by: TGH, TJH
Sheet Title: SECOND FLOOR AV PLAN

Sheet Number: AV202

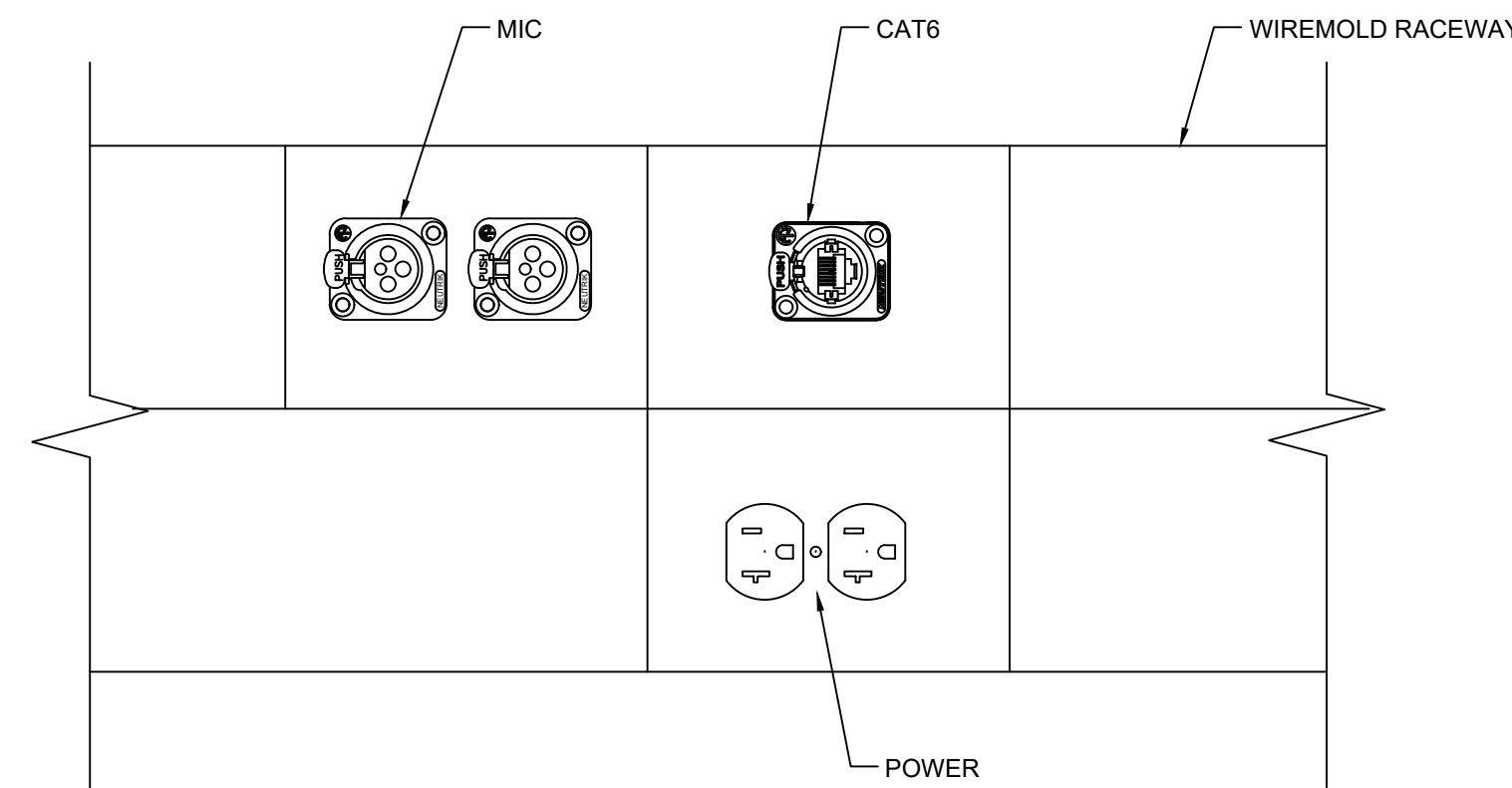




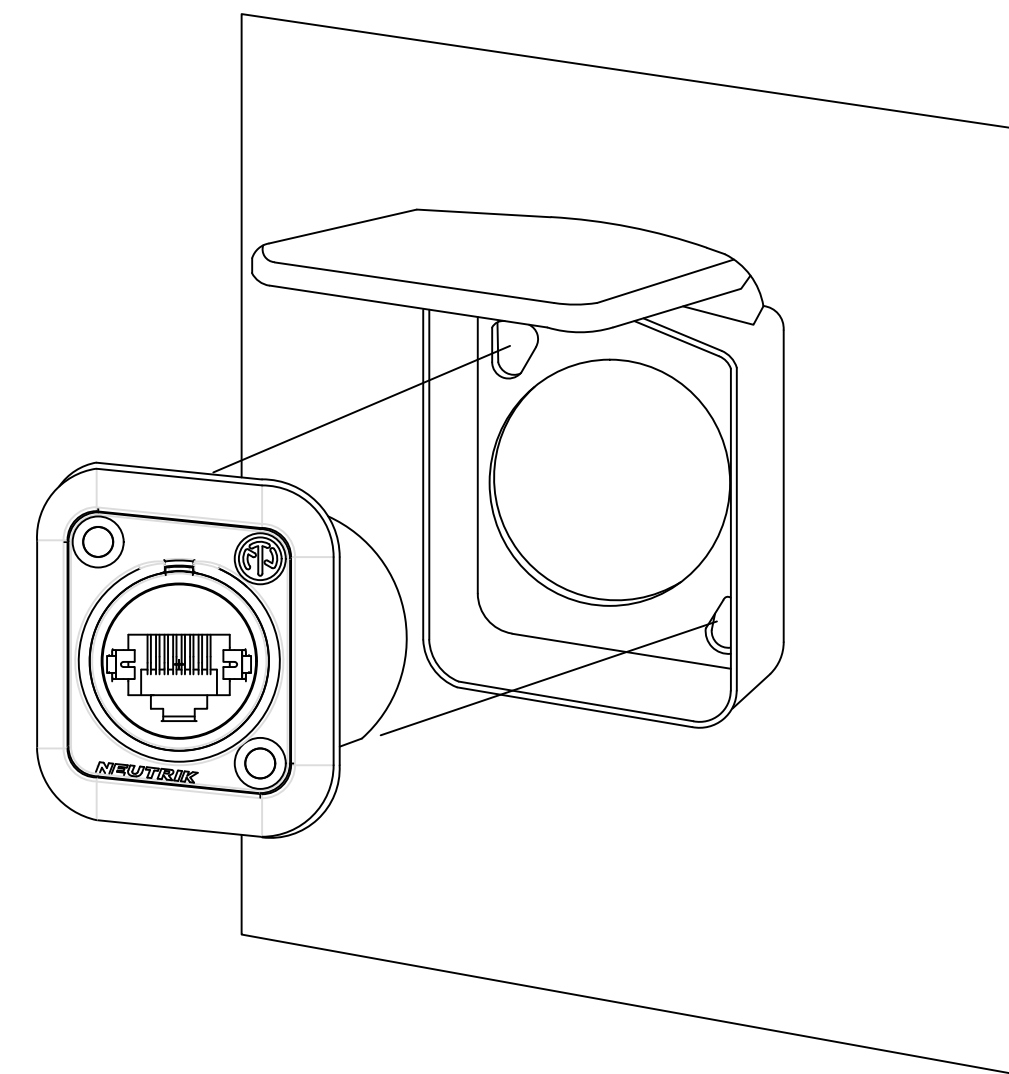
1 IN WALL SPEAKER DETAIL
SCALE: 1" = 1'-0"



2 PORTABLE DISPLAY DETAIL
SCALE: 1" = 1'-0"



4 RACEWAY DETAIL
SCALE: 6"=1'-0"



5 FIBER CONNECTOR AND PLATE DETAIL
NO SCALE

DATES OF ISSUE		
NO.	DATE	DESCRIPTION
	6/20/16	DD REVIEW MEETING
	8/11/16	65% CD
	5/11/17	OWNER REVIEW
	7/14/17	CONSTRUCTION DOCUMENTS

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