VILLAGE OF WESTLAND

4% PROJECT

WESTLAND 100, 200, & 300 WING RENOVATION MICHIGAN

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2-I.D.116	200 WING- WALL FINISH PLANS
2-I.D.117	300 WING- WALL FINIISH PLAN

DEVELOPMENT TEAM

OWNER
PRESBYTERIAN VILLAGES OF MICHIGAN
26200 LAHSER ROAD, SUITE 300
SOUTHFIELD, MICHIGAN 48033

ARCHITECT
FUSCO, SHAFFER & PAPPAS, INC.
550 NINE MILE ROAD
FERNDALE, MICHIGAN 48220
248.543.4100

CIVIL ENGINEER
GIFFELS WEBSTER
28 WEST ADAMS RD, SUITE 1200
DETROIT, MICHIGAN 48226
313.962.4442

LANDSCAPE ARCHITECT
GIFFELS WEBSTER
28 WEST ADAMS RD, SUITE 1200
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STRUCTURAL ENGINEER
SHYMANSKI & ASSOCIATES, LLC
33426 FIVE MILE ROAD
LIVONIA, MICHIGAN 48154
734.855.4810

MECHANICAL / ELECTRICAL ENGINEER
MECHANICAL ELECTRICAL ENGINEERING
CONSULTANTS, PC
1415 GOLDSMITH
PLYMOUTH, MI 48170
734.454.5516

INTERIOR DESIGN
INNERSPACE DESIGN, INC
2425 W STADIUM BLVD
ANN ARBOR, MICHIGAN 48103
734.662.1133

GENERAL CONTRACTOR
G FISHER CONSTRUCTION
31313 NORTHWESTERN HWY, SUITE 206
FARMINGTON HILLS, MICHIGAN 48334
248.855.2420

SUMMARY TABLE

SITE DATA

SITE AREA	813,093 SF/ 18.66 ACRES	
ZONING		
EXISTING	GAR - GARDEN APARTMENT RESIDENTIAL	
PROPOSED	GAR - GARDEN APARTMENT RESIDENTIAL	
BUILDING SETBACKS (EXISTING BUILDING)	REQUIRED	PROVIDED
FRONT	35 FEET	80 FEET
SIDES	20 FEET	80 FEET
REAR	35 FEET	78 FEET
	REQUIRED	PROVIDED
MINIMUM LOT SIZE - 233 UNITS [80,000 + (3600x213)]x0.55	465,740 SF	813,093 SF
MINIMUM LOT WIDTH	200 FEET	80'
MINIMUM LOT DEPTH	200 FEET	78'
MAXIMUM BUILDING HEIGHT	3 STORIES/ 40 '	1 STORY/ 14'
MAXIMUM LOT COVERAGE	30%	22.7%
OFF STREET PARKING - 1 PER DU + 1 PER EMPLOYEE	243 SPACES	243 SPACES

BUILDING DATA

GROSS BUILDING AREA	184,626 S.F.

AREA OF WORK

GROSS WORK AREA	
100 WING	15,441 SF
200 WING	17,278 SF
300 WING	11,184 SF
TOTAL AREA- RENOVATION	43,903 SF

UNIT DATA

UNIT TYPE		UNIT GSF	100 WING	200 WING	300 WING	TOTAL
UNIT A	1 BDRM	576 SF	6	11	15	32
UNIT A-PH	1 BDRM	576 SF	2	1	0	3
UNIT E-PH	2 BDRM	864 SF	1	0	0	1
UNIT L	STUDIO	432 SF	4	8	2	14
UNIT K	STUDIO	432 SF	0	3	0	3
UNIT K-PH	STUDIO	432 SF	0	3	0	3
TOTAL			13	26	17	56

TOTAL UNIT GSF AREA 29,664 SF

UNIT SUMMARY

UNIT TYPE	TOTAL
STUDIO UNITS	20
1 BEDROOM UNITS	35
2 BEDROOM UNITS	1
	56

PH UNIT - TYPE A PHYSICALLY HANDICAPPED

10% (6 UNITS) REQUIRED	TOTAL
STUDIO UNITS	3
1 BEDROOM UNITS	3
2 BEDROOM UNITS	1
TOTAL PH UNITS	7

HEARING & VISUALLY IMPAIRED UNITS
2% (2 UNITS) REQUIRED
PROVIDE REQUIRED DEVICES AND AUDIO/VISUAL DOORBELL

DATE	ISSUE
03.07.25	PERMITS
06.30.25	4% ADDENDUM #1
06.26.26	UPDATED BIDS

SIGNATURE BLOCK

	SIGNATURE	INITIALS	DATE
OWNER			
ARCHITECT			
GENERAL CONTRACTOR			
SURETY COMPANY			

STATE OF MICHIGAN
TAMMY
THOMAS
ARCHITECT
LICENSE NO.
29064
REGISTERED PROFESSIONAL ARCHITECT

FSP

FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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1 2-AS.102 SITE PLAN - MAIN BUILDING

SCALE: 1" = 40'-0"

FSP FUSCO, SHAFFER & PAPPAS, INC.
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SEAL

STATE OF MICHIGAN
JAMES T. PAPPAS
REGISTERED
NO.
29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

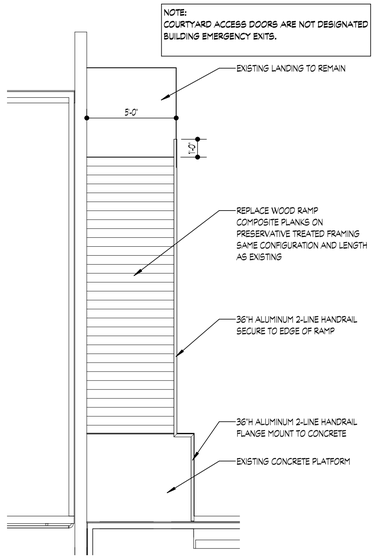
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

SITE PLAN - INDEPENDENT LIVING BUILDING

DRAWING NUMBER

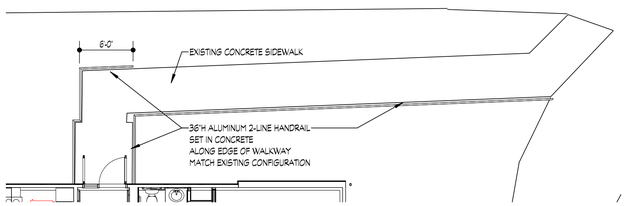
2-AS.102



3 / 2-AS.103 **COURTYARD RAMP**

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

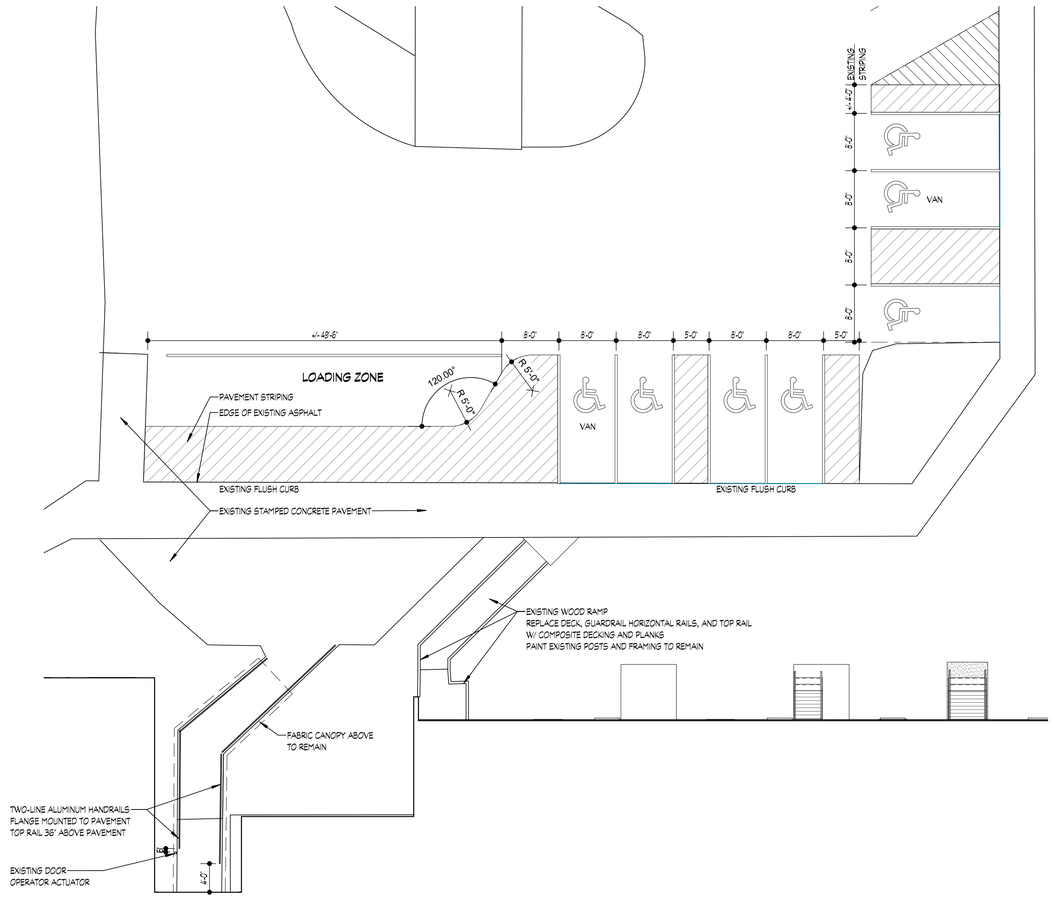
SIMILAR AT ALL COURTYARD ACCESS DOORS WITH EXISTING WOOD RAMPS



2 / 2-AS.103 **WALKWAY HANDRAILS**

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

SIMILAR AT ALL BUILDING EXITS W/ CONCRETE SIDEWALK CONNECTION
MATCH EXISTING RAIL CONFIGURATION



1 / 2-AS.103 **BUILDING ENTRANCE**

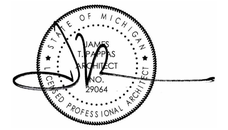
SCALE: 1" = 10'-0"

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

IL BUILDING SITE DETAILS

DRAWING NUMBER

2-AS.103

OCCUPANT LOAD BUILDING B/C/D/E/F/G

ROOM	AREA	OCCUPANCY FACTOR	OCCUPANCY LOAD
APT 101	546 SF	200	3
APT 103	546 SF	200	3
APT 105	546 SF	200	3
APT 107	546 SF	200	3
APT 109	546 SF	200	3
APT 111	546 SF	200	3
ACTIVITIES ROOM	549 SF	100	6
DINING	925 SF	200	5
APT 110	830 SF	200	5
APT 108	556 SF	200	3
APT 104	546 SF	200	3
OFFICE	183 SF	100	2
APT 302	546 SF	200	3
APT 301	546 SF	200	3
APT 303	546 SF	200	3
APT 304	546 SF	200	3
APT 306	546 SF	200	3
APT 305	546 SF	200	3
APT 307	546 SF	200	3
APT 308	546 SF	200	3
APT 309	546 SF	200	3
APT 310	546 SF	200	3
APT 311	546 SF	200	3
APT 312	546 SF	200	3
APT 313A	417 SF	200	3
APT 314	546 SF	200	3
APT 315	546 SF	200	3
APT 316	546 SF	200	3
APT 220	554 SF	200	3
APT 219A	414 SF	200	3
APT 217B	416 SF	200	3
APT 215	546 SF	200	3
APT 216	546 SF	200	3
APT 213	546 SF	200	3
APT 214	546 SF	200	3
APT 212	546 SF	200	3
APT 211	546 SF	200	3
APT 209	546 SF	200	3
STORAGE	275 SF	200	2
APT 208	546 SF	200	3
APT 207	546 SF	200	3
APT 206B	415 SF	200	3
APT 203A	416 SF	200	3
APT 204	546 SF	200	3
RESIDENT STORE	172 SF	100	2
STORAGE/ MECH	184 SF	100	2
RESIDENT LAUNDRY	201 SF	100	3
WH ROOM	37 SF	100	1
TRASH	24 SF	100	1
RESIDENT/ STAFF LAUNDRY	201 SF	100	3
TRASH	24 SF	100	1
GAS HEATING	37 SF	300	1
MAINTENANCE SHOP	268 SF	100	3
MAINTENANCE OFFICE	201 SF	100	3
ELEC/IT	124 SF	300	1
APT 115B	408 SF	200	3
APT 115A	410 SF	200	3
APT 113A	415 SF	200	3
APT 219B	411 SF	200	3
APT 218B	411 SF	200	3
APT 218A	408 SF	200	3
APT 202B	408 SF	200	3
APT 202A	408 SF	200	3
APT 113B	415 SF	200	3
MAIL ROOM	194 SF	200	1
RESIDENT SERVICES	187 SF	100	2
MAIL ROOM ANNEX	74 SF	200	1
EXECUTIVE DIRECTOR	162 SF	100	2
STAFF TOILET	37 SF	100	1
OFFICE	275 SF	300	1
SERVING KITCHEN	195 SF	100	2
WORK ROOM	79 SF	100	1
APT 203B	412 SF	200	3
APT 206A	412 SF	200	3
STORAGE	275 SF	300	1
APT 217A	412 SF	200	3
APT 205A	416 SF	200	3
			209

HEIGHT AND AREA MODIFICATIONS - 9% IL AREA OF WORK

FRONTAGE- AREA OF WORK:

TOTAL FRONTAGE (P)= 837 FT.

PERIMETER (P)= 969 FT.

MINIMUM WIDTH
OPEN SPACE (W)= 20 FT.

% FRONTAGE INCREASE (If):
WORST CASE FRONTAGE CONDITION

$$If = \left[\frac{F}{P} - 0.25\right]\frac{W}{30} = \left[\frac{837}{969} - 0.25\right]\frac{20}{30} = [0.93 - 0.25] = 0.68$$

CALCULATED ALLOWABLE AREA

At = (NS x If) = 7,000 + (7,000 x 0.68) = 11,760 SF
= 19,320 SF

MODIFICATIONS TO IBC ALLOWABLE HEIGHT AND AREA:

PERMITTED TYPES OF CONSTRUCTION = VB

MAX. ALLOWABLE BUILDING HEIGHT = 40'-0"/ 2 STORIES
(MBC TABLE 504.3 AND 504.4)

ACTUAL BUILDING HEIGHT 1 STORY ABOVE GRADE
16'

TABULAR AREA PER FLOOR (FIRE AREA) (At) 7,000 SF
(PER MBC TABLE 506.2)

MAX. ADJUSTED ALLOWABLE
AREA PER FLOOR (FIRE AREA) (Aa) = 11,760 SF

FLOOR AREA - FIRE AREA B	7,234 SF < 11,760 SF
FLOOR AREA - FIRE AREA C	6,150 SF < 11,760 SF
FLOOR AREA - FIRE AREA D	5,263 SF < 11,760 SF
FLOOR AREA - FIRE AREA E	5,862 SF < 11,760 SF
FLOOR AREA - FIRE AREA F	6,895 SF < 11,760 SF
FLOOR AREA - FIRE AREA G	9,836 SF < 11,760 SF
FLOOR AREA - FIRE AREA J	6,588 SF < 11,760 SF
FLOOR AREA - FIRE AREA K	9,837 SF < 11,760 SF

Aa= ALLOWABLE FLOOR AREA PER FLOOR
At= TABULAR AREA PER FLOOR (SQ. FT., TABLE 503)
If- AREA INCREASE DUE TO FRONTAGE (PERCENT PER SECTION 506.2)
NS TABULAR AREA FOR NONSPRINKLED (PER (506.2

F= BUILDING PERIMETER WHICH FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING 20 FT. OPEN MINIMUM WIDTH.
P= PERIMETER OF ENTIRE BUILDING (IN FEET).
W= WIDTH OF PUBLIC WAY OR OPEN SPACE (IN FEET, PER SECTION 506.2.1) 20' CLEAR MIN/ 30' MAX FOR CALCULATION

EGRESS WIDTH PER OCCUPANT SERVED

OCCUPANCY PER MBC TABLE 1004.1.2 — TOTAL OCCUPANTS 209

MEANS OF EGRESS SIZING (MBC SECTION 1005)

STAIRWAYS: NOT APPLICABLE

OTHER EGRESS COMPONENTS: 0.2 INCHES PER OCCUPANT
(PER MBC SECTION 1005.3.2)
FIRST FLOOR 0.2 x 209 = 41.8"

MIN. CORRIDOR WIDTH
>50 OCCUPANTS= 44"

EGRESS WIDTH CALCULATIONS B

MARK	DOOR DESCRIPTION		EGRESS WIDTH
100	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
104	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
122	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
2002	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
2003	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
2005	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
2008	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
2009	SINGLE 3'-0" ALUMINUM	ACCESSIBLE EXIT	34"
TOTAL EGRESS WIDTH			306"

EGRESS WIDTH PER OCCUPANT SERVERED (PER MBC TABLE 1004.1.2)
OTHER EGRESS COMPONENTS (1005.3.2)
89 OCCUPANTS X 0.2"/OCCUPANT = 18 REQUIRED

MBC CODE ANALYSIS LEGEND

- FIRE SEPARATION WALL
- CORRIDOR/ UNIT SEPARATION
- TRAVEL DISTANCE
- PRIMARY EGRESS DOOR
- OPEN PERIMETER
- WORK AREA
- WORK AREA - EXCLUSIVELY THE RESULT OF COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS (REQUIREMENTS OF LEVEL 1 APPLY)

MRCEB BUILDING RENOVATION SUMMARY

	AGGREGATE FIRE AREA	ALTERATION-LEVEL 1	ALTERATION-LEVEL 2 (WORK AREA)*	WORK AREA EXCEEDS 50%
AREA OF WORK FIRE AREA B,C,D,E,F,G	41,240 SF	29,943 SF	11,297 SF	NO
BUILDING TOTAL AREA	184,626 SF	29,943 SF	11,297 SF	NO

* ALTERATIONS - LEVEL 2 (WORK AREA) INCLUDES THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.
PER THE EXCEPTION TO PART 8.01.1 OF THE REHABILITATION CODE: BUILDINGS IN WHICH THE RECONFIGURATION IS EXCLUSIVELY THE RESULT OF COMPLIANCE WITH THE ACCESSIBILITY REQUIREMENTS OF SECTION 705.2 SHALL BE PERMITTED TO COMPLY WITH CHAPTER 7 (ALTERATIONS - LEVEL 1).

FIRE RESISTANCE RATING REQUIREMENTS

MBC CONSTRUCTION TYPE - VA

BUILDING ELEMENT	FIRE RATINGS (MBC TABLE 601/602)
PRIMARY STRUCTURAL FRAME	ONE HOUR*
BEARING WALLS:	
EXTERIOR	ONE HOUR*
INTERIOR	ONE HOUR*
NON-BEARING WALLS AND PARTITIONS:	
EXTERIOR	X < 5 ONE HOUR, 5 ≤ X < 10 ONE HOUR, 10 ≤ X < 30 ONE HOUR, X ≥ 30 ZERO HOUR
INTERIOR	ZERO HOUR
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	ONE HOUR
ROOF CONSTRUCTION AND SECONDARY MEMBERS	ONE HOUR
WALL OR ROOM TYPE	FIRE RATING REQUIREMENTS
DWELLING & SLEEPING UNIT SEPARATION WALLS	ONE HOUR (MBC SECTION 420.2, 708)
CORRIDOR WALLS - GROUP R	0.5 HOUR (MBC TABLE 1020.1)
FURNACE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU/HR	ONE HOUR* (MBC TABLE 509)
LAUNDRY ROOMS > 100 SF	ONE HOUR (MBC TABLE 509)
FIRE WALLS	2 HOUR (MBC TABLE 706.4 TYPE II CONSTRUCTION)
SMOKE BARRIERS	ONE HOUR (MBC SECTION 709)
SMOKE PARTITIONS	ZERO HOURS (MBC SECTION 710)
EXIT PASSAGEWAY	ONE HOUR (MBC SECTION 707.3.4, 1023.3)
SHAFT ENCLOSURES (< 4 STORIES)	ONE HOUR (PER MBC SECTION 707.3.1, 713.4)
INTERIOR EXIT STAIRWAY (< 4 STORIES)	ONE HOUR (PER MBC SECTION 707.3.2, 1023.1)

CODE DATA

BUILDING CODE:	MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS - 2015
CONSTRUCTION TYPE:	EXISTING: VA PROPOSED: VA
USE GROUP:	R-2
MECHANICAL CODE:	MICHIGAN MECHANICAL CODE 2015
PLUMBING CODE:	MICHIGAN PLUMBING CODE 2018
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE 2017 MICHIGAN ELECTRICAL CODE RULES PART 8
ENERGY CODE:	MICHIGAN UNIFORM ENERGY CODE/ 2015 IECC MODEL CODE PART 10A AMENDMENTS (RESIDENTIAL)
FIRE SUPPRESSION:	LIMITED TO SELECT LOCATIONS
FIRE ALARM:	EXISTING TO REMAIN. NFPA 72 FOR ANY NEW COMPONENTS.
ACCESSIBILITY:	ICC/ANSI A117.1 - 2009 UFAS 1988
GREEN STANDARDS:	NATIONAL GREEN BUILDING STANDARDS (NGBS) - SILVER

DEFERRED DOCUMENTS STATEMENT

PLAN REVIEW ITEM NO. AND/OR SPECIFICATION SECTION NO.	DESCRIPTION OF DEFERRED ITEMS THAT SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CONTRACTOR TO THE JURISDICTION HAVING AUTHORITY.
DIVISION 28	FIRE ALARM SYSTEM - MODIFICATIONS

DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE

JAMES PAPPAS, AIA
FUSCO, SHAFFER & PAPPAS, INC.
STATE OF MICHIGAN
LICENSE NUMBER #1301028064

1 / 2-AC.001 FIRST FLOOR CODE ANALYSIS
SCALE: 1/64" = 1'-0"

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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SEAL

STATE OF MICHIGAN — JAMES THOMAS PAPPAS — LICENSED PROFESSIONAL ARCHITECT — NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

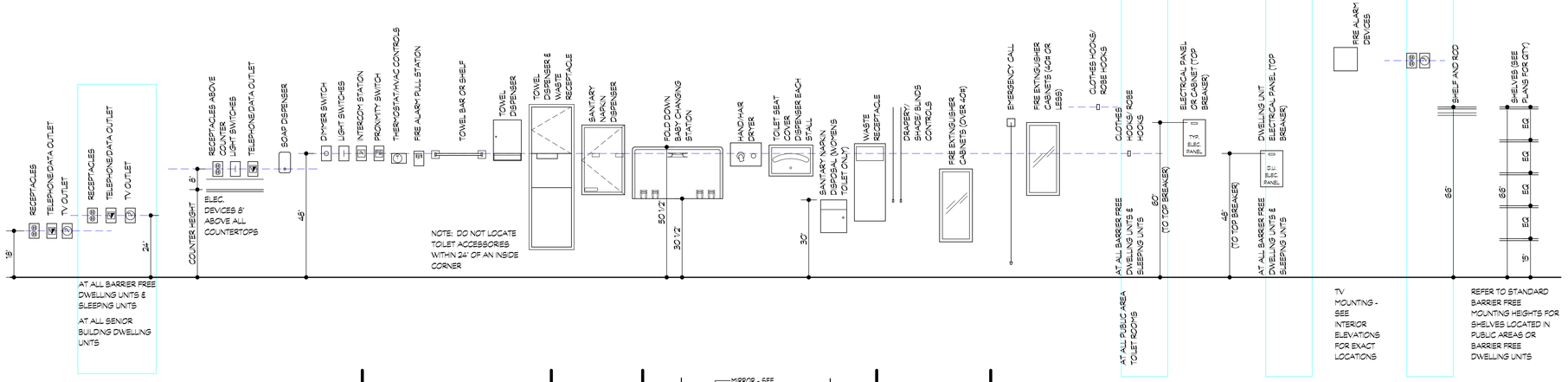
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

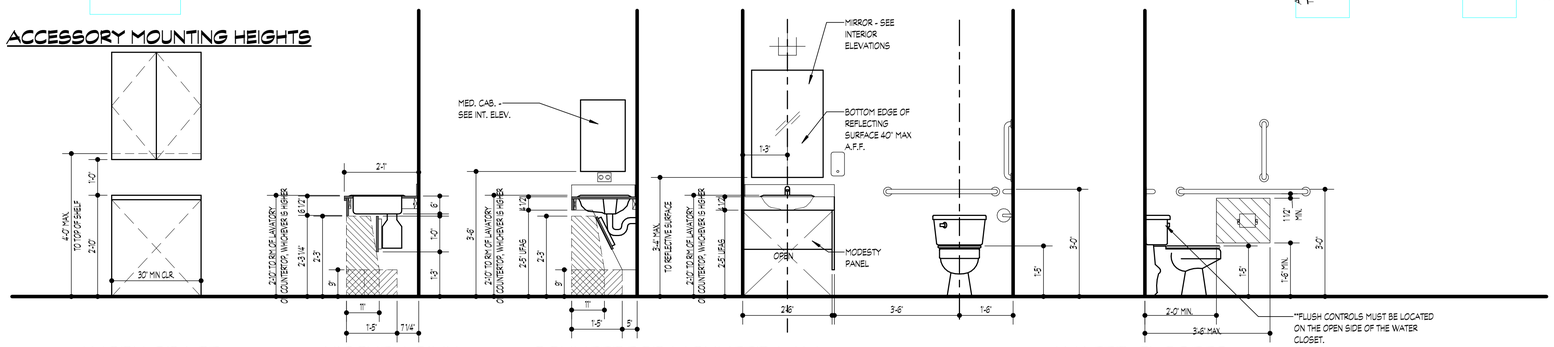
CODE ANALYSIS

DRAWING NUMBER

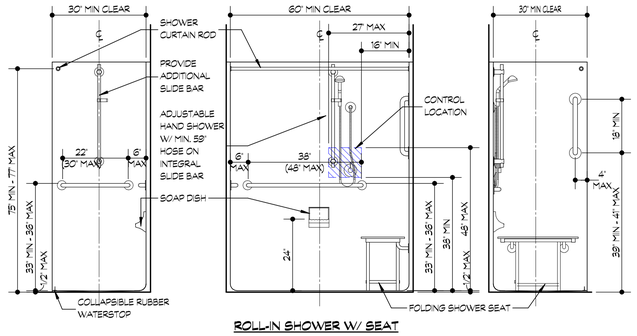
2-AC.001



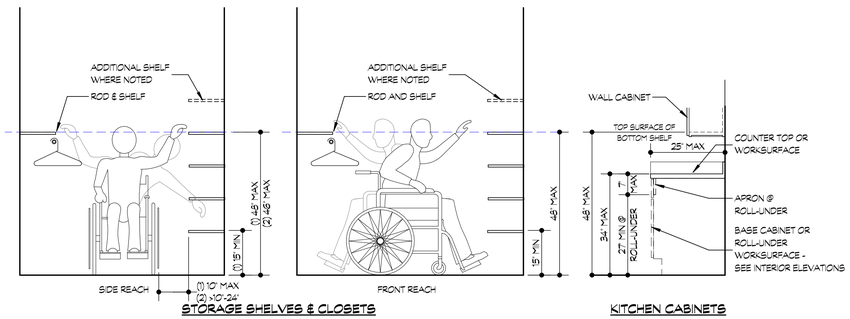
ACCESSORY MOUNTING HEIGHTS



WORK SPACE | KITCHEN SINK | COUNTERTOP MOUNTED LAV. | WATER CLOSETS

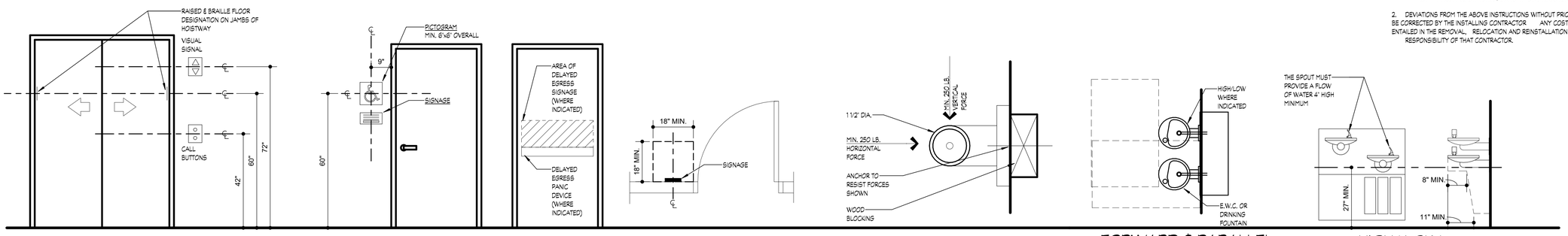


ROLL-IN SHOWER W/ SEAT



STORAGE SHELVES & CLOSETS | KITCHEN CABINETS

STANDARD BARRIER FREE MOUNTING HEIGHTS



ELEVATOR CONTROLS | SIGNAGE | GRAB BARS | FORWARD & PARALLEL APPROACH | HIGH/ LOW

DRINKING FOUNTAINS

SIGNAGE AND CONTROLS

SIGNAGE MUST BE MOUNTED ON THE WALL ADJACENT TO LATCH SIDE OF DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, SIGNAGE MUST BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT MUST BE 60" A.F.F. TO THE CENTERLINE OF SIGN.

SIGNS CONTAINING TACTILE CHARACTERS MUST HAVE AN 18" MIN. BY 18" MIN. CLEAR FLOOR SPACE, CENTERED ON THE SIGN, BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND A 45 DEGREE OPEN POSITION.

TACTILE EXIT SIGNS: A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ICC/ANSI A117.1 CHAPTER 7 MUST BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.

ACCESSIBLE SIGNAGE: ALL REQUIRED ACCESSIBLE ELEMENTS MUST BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT THE FOLLOWING LOCATIONS:

1. ACCESSIBLE PARKING SPACES.
2. ACCESSIBLE PASSENGER LOADING ZONES.
3. ACCESSIBLE UNISEX TOILET AND BATHING ROOMS.
4. ACCESSIBLE ENTRANCES WHERE NOT ALL ENTRANCES AREA ACCESSIBLE.
5. ACCESSIBLE CHECK-OUT AISLES WHERE NOT ALL AISLES ARE ACCESSIBLE.
6. FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS.
7. ACCESSIBLE DRESSING, FITTING AND LOCKER ROOMS WHERE NOT ALL SUCH ROOMS ARE ACCESSIBLE.
8. ACCESSIBLE AREAS OF REFUGE.
9. EXTERIOR AREAS FOR ASSISTED RESCUE.

A TACTILE SIGN MUST BE PROVIDED AT ALL LOCATIONS WHERE PICTORIAL SIGNAGE IS USED TO LABEL PERMANENT ROOMS OR SPACES (I.E. RESTROOMS), COMPLYING WITH ICC/ANSI A117.1 CHAPTER 7 AND MUST BE PROVIDED ADJACENT TO EACH DOOR.

AREA OF REFUGE SIGNAGE: A SIGN MUST BE PROVIDED AT EACH DOOR PROVIDING ACCESS TO AN AREA OF REFUGE FROM AN ADJACENT FLOOR AREA, COMPLYING WITH ICC A117.1, STATING "AREA OF REFUGE" INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. ADDITIONALLY, TACTILE SIGNAGE COMPLYING WITH ICC A117.1 MUST BE LOCATED AT EACH DOOR TO AN AREA OF REFUGE.

SIGNAGE OF INSTRUCTIONS AT AREA OF REFUGE: IN AREAS OF REFUGE THAT HAVE A TWO-WAY EMERGENCY COMMUNICATIONS SYSTEM, INSTRUCTIONS ON THE USE OF AREA UNDER EMERGENCY CONDITIONS MUST BE POSTED ADJOINING THE COMMUNICATIONS SYSTEM. THE INSTRUCTIONS MUST INCLUDE ALL OF THE FOLLOWING

1. PERSONS ABLE TO USE THE EXIT STAIRWAY DO SO AS SOON AS POSSIBLE, UNLESS ASSISTING OTHERS.
2. INFORMATION ON PLANNED AVAILABILITY OF ASSISTANCE IN THE USE OF STAIRS OR SUPERVISED OPERATION OF ELEVATORS AND HOW TO SUMMON SUCH ASSISTANCE.
3. DIRECTIONS FOR USE OF THE TWO-WAY COMMUNICATIONS SYSTEM.

OCCUPANT LOAD SIGNAGE: EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY MUST HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED NEAR THE MAIN EXIT.

DELAYED EGRESS SIGNAGE: A SIGN MUST BE PROVIDED ON THE DOOR LOCATED ABOVE AND WITHIN 12" OF THE RELEASE DEVICE STATING, "PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 30 SECONDS".

FIRE RESISTANCE RATING SIGNAGE: FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS MUST BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING.

1. SUCH IDENTIFICATION MUST INCLUDE LETTERING NOT LESS THAN 0.5" IN HEIGHT, INCORPORATING THE SUGGESTED WORDING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR SIMILAR WORDING.
2. SIGNS MUST BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR/CEILING OR ATTIC SPACES.
3. SIGNS MUST BE REPEATED AT INTERVALS NOT EXCEEDING 30'-0" MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.

GENERAL NOTES FOR LOCATION OF DEVICES

1. WHEN MOUNTING MULTIPLE DEVICES FROM DIFFERENT TRADES IN THE SAME LOCATION (SUCH AS LIGHTING SWITCHES, LOW VOLTAGE, THERMOSTATS, ETC.) THEIR ARRANGEMENT MUST BE IN ACCORDANCE WITH THE FOLLOWING

1.1 LOCATE DEVICES AS SHOWN ON THE ARCHITECTURAL PLANS, ELEVATIONS OR SECTIONS.

1.2. WHEN SHOWN ON MECHANICAL OR ELECTRICAL DRAWINGS, BUT NOT ON ARCHITECTURAL DRAWINGS, DEVICES MUST BE UNIFORMLY AND SYMMETRICALLY MOUNTED, VERTICALLY ALIGN DEVICES MOUNTED AT HEIGHTS INDICATED, UNLESS SEPARATED HORIZONTALLY BY A MINIMUM OF 24".

1.3. DEVICES INSTALLED IN MASONRY OR SURFACES TO RECEIVE WOOD PANELS, WALL COVERING OR SIMILAR MATERIALS MUST BE FLUSH WITH THE FINAL SURFACE MATERIAL.

1.4. IF THE CONTRACTOR HAS ANY DOUBTS REGARDING THE LOCATION OF DEVICES, THE CONTRACTOR MUST CONSULT WITH THE ARCHITECT PRIOR TO ROUGH-IN.

1.5. AT MULTIPLE SWITCHES, GANG W/ SINGLE COVER PLATE.

2. DEVIATIONS FROM THE ABOVE INSTRUCTIONS WITHOUT PRIOR APPROVAL BY THE ARCHITECT MUST BE CORRECTED BY THE INSTALLING CONTRACTOR ANY COST, INCLUDING CUTTING & PATCHING, ENTAILED IN THE REMOVAL, RELOCATION AND REINSTALLATION OF ANY DEVICES WILL BE THE RESPONSIBILITY OF THAT CONTRACTOR.

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
08.26.25	UPDATED BIDS
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03.07.25	PERMITS

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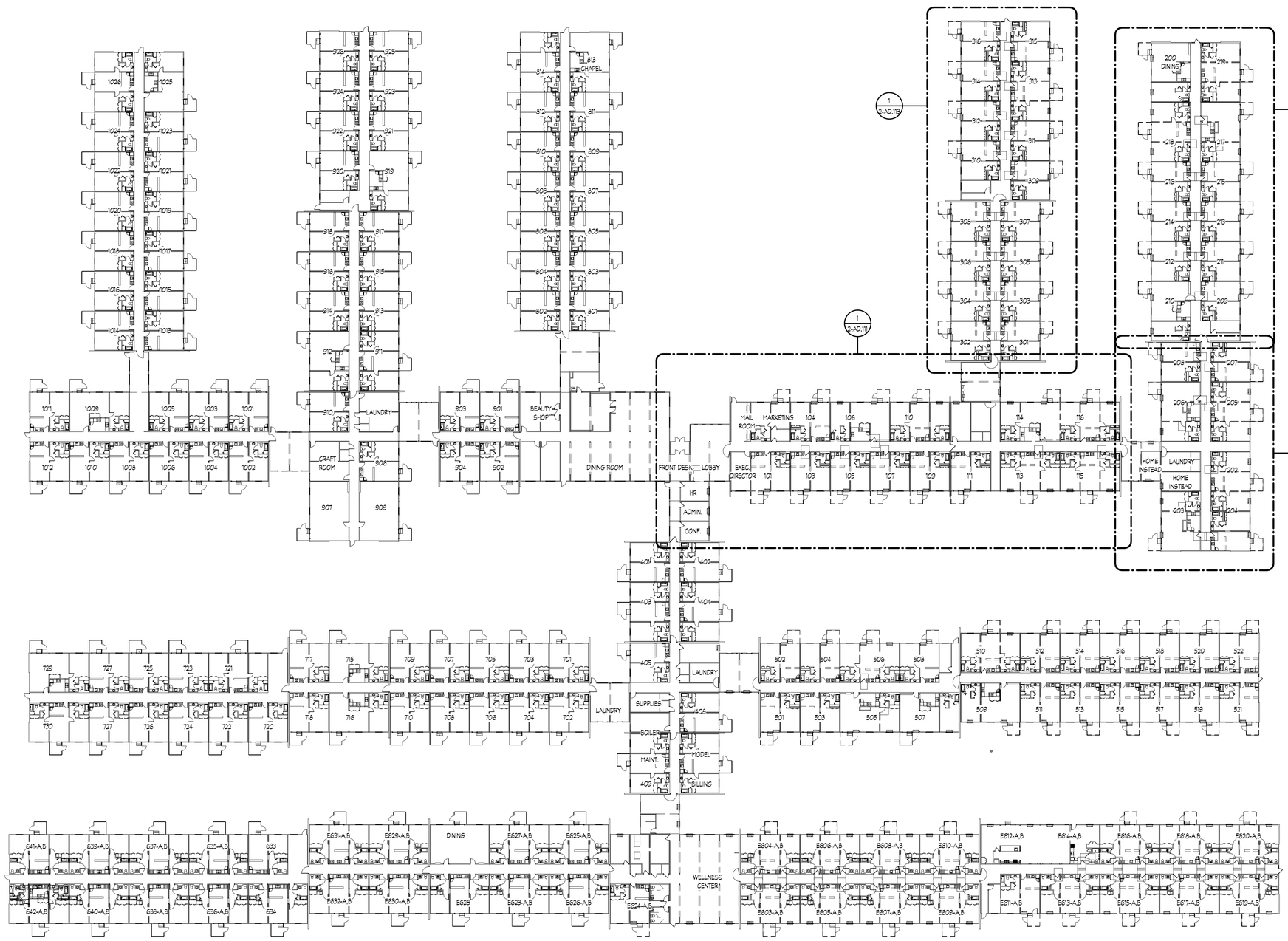
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

CODE ANALYSIS

DRAWING NUMBER

2-AC.002



1 / 2-AD.101 OVERALL FIRST FLOOR DEMOLITION PLAN

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

NORTH

DEMOLITION WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	REMOVE EXISTING WALL AND/OR CONSTRUCTION
EXISTING WINDOW TO REMAIN	REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN	REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

DEMOLITION PLAN NOTES:

1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
2. PROVIDE TEMPORARY PROTECTION AT ALL EXISTING EXTERIOR WINDOW, DOOR, WALL, AND ROOF OPENINGS FROM WEATHER AND VANDALISM. WEATHER SEAL FOR PROTECTION DURING CONSTRUCTION PROCESS. TEMPORARY CONSTRUCTION MUST BE WATER TIGHT AND VANDAL RESISTANT TO PREVENT ANY DAMAGE OR VANDALISM TO EXISTING INTERIOR SPACE.
3. CONTINUOUSLY MAINTAIN TEMPORARY MEANS OF EGRESS CONTRACTOR TO COORDINATE WITH ARCHITECT AND G.C.
4. PERFORM ALL DEMOLITION WORK REQUIRED ON THE EXISTING BUILDING AS CALLED FOR ON THE DRAWINGS AND AS REQUIRED TO ACCOMMODATE THE RENOVATION WORK. ALL EXISTING CONSTRUCTION TO REMAIN U.N.O.
5. CAP, PATCH AND REPAIR ALL HOLES AND SURFACES IN WALLS, FLOORS AND CEILINGS WHERE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND/OR ELECTRICAL ITEMS ARE REMOVED AS A RESULT OF THE DEMOLITION OPERATIONS.
6. DEMOLITION OF ALL PORTIONS OF THE STRUCTURE TO BE REMOVED SHALL BE DONE WITH UTMOST CARE, USING TOOLS AND METHODS SUBJECT TO OWNER'S APPROVAL. ALL POSSIBLE CARE SHALL BE TAKEN TO AVOID DAMAGING, SHOCK OR VIBRATION TO PORTIONS OF EXISTING STRUCTURE TO REMAIN.
7. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF EXISTING SEWERS, DRAINS, ETC. IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE DOCUMENTED AND REPORTED TO THE ARCHITECT.
8. ALL EXISTING FINISH FLOORING AND BASE TO BE REMOVED THROUGHOUT WORK AREA. PATCH, REPAIR, FILL DAMAGED CONCRETE OR WOOD SUBFLOOR AND PREPARE FOR NEW FINISH.
9. ALL EXISTING WALLS, FLOORS AND CEILINGS THAT WILL REMAIN SHALL BE SCRAPED AND/OR SANDED, PATCHED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES, U.N.O.
10. REMOVE ALL DOORS, FRAMES, WALLS, FLOOR COVERING, CEILING TREATMENTS, ETC., AS INDICATED ON THE DRAWINGS. U.N.O. REMOVE ALL WALL COVERING AT WALLS SCHEDULED TO BE PAINTED.
11. REMOVE EXISTING CABINETS, CASEWORK AND BUILT-IN EQUIPMENT AS INDICATED ON THE DRAWINGS.
12. WHERE MECHANICAL DUCTWORK, PLUMBING PIPING OR ELECTRICAL IS INDICATED TO BE REMOVED, REMOVE ALL ASSOCIATED FASTENERS, ANCHORS, HANGERS ETC. PATCH AND REPAIR DAMAGED CONSTRUCTION TO MATCH EXISTING AFTER REMOVAL WORK IS COMPLETE.
13. REMOVE AND RELOCATE MECHANICAL AND ELECTRICAL ITEMS AS INDICATED, INCLUDING BUT NOT LIMITED TO PIPING, FIXTURES, EQUIPMENT, DUCTWORK, WIRING DEVICES, PANELS AND ACCESSORIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MECHANICAL AND ELECTRICAL DEMOLITION INFORMATION.
14. REFER TO SECTION 02 41 00 - DEMOLITION, IN THE SPECIFICATION FOR FURTHER INFORMATION PRIOR TO THE START OF DEMOLITION.
15. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL, PLUMBING AND FIRE SUPPRESSION DEMOLITION INFORMATION.
16. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.
17. PREPARE DEMOLITION AREAS FOR NEW FINISHES.
18. REMOVE BATHROOM ACCESSORIES.
19. REMOVE ALL WALL COVERINGS IN CORRIDORS.
20. REMOVE TEXTURED CEILINGS.

EXISTING CONSTRUCTION NOTES:

1. CONTRACTOR MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES.
2. VERIFY ALL CONDITIONS COVERING OR AFFECTING THE STRUCTURAL WORK; OBTAIN AND VERIFY ALL DIMENSIONS AND ELEVATIONS TO ENSURE THE PROPER STRENGTH, FIT AND LOCATION OF THE STRUCTURAL WORK; REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE NEW WORK. ALL DISCREPANCIES SHALL BE FULLY RESOLVED PRIOR TO COMMENCING WORK.
3. EXISTING CONSTRUCTION NOT UNDERGOING ALTERATION IS TO REMAIN UNDISTURBED, WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THIS CONTRACT, IT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE ARCHITECT.
4. WHERE THE EXISTING CONSTRUCTION IS TO BE ALTERED, OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED BEFORE AND DURING OPERATIONS AND UNTIL THE WORK IS SAFELY COMPLETED AND NO LONGER NEEDS SHORING.
5. EACH CONTRACTOR SHALL PROVIDE ALL THE NECESSARY SUPPORT, BRACING, SHORING, ETC. (TEMPORARY AND/OR PERMANENT) OR BOTH NEW AND EXISTING CONSTRUCTION TO ENSURE THE SAFE INSTALLATION OF THE NEW CONSTRUCTION AND EQUIPMENT.
6. THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS SEQUENCES AND PROCEDURES OF CONSTRUCTION.
7. PROVIDE FIRE WATCH DURING FIELD CUTTING AND WELDING OPERATIONS, MEETING THE OWNER'S REQUIREMENTS.
8. CONTRACTOR TO COORDINATE WORK WITH THE OWNER'S PERSONNEL TO AVOID ANY INTERFERENCE IN THE OPERATIONS.
9. CONTRACTOR TO COORDINATE ALL REPAIR, REPLACEMENT, AND/OR CLEANING OF ALL EXISTING MASONRY, E.F.I.S., STONE, OR PRECAST CONCRETE WITH STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

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STATE OF MICHIGAN
JAMES THOMAS SHEFFIELT
LICENSED PROFESSIONAL ARCHITECT
NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

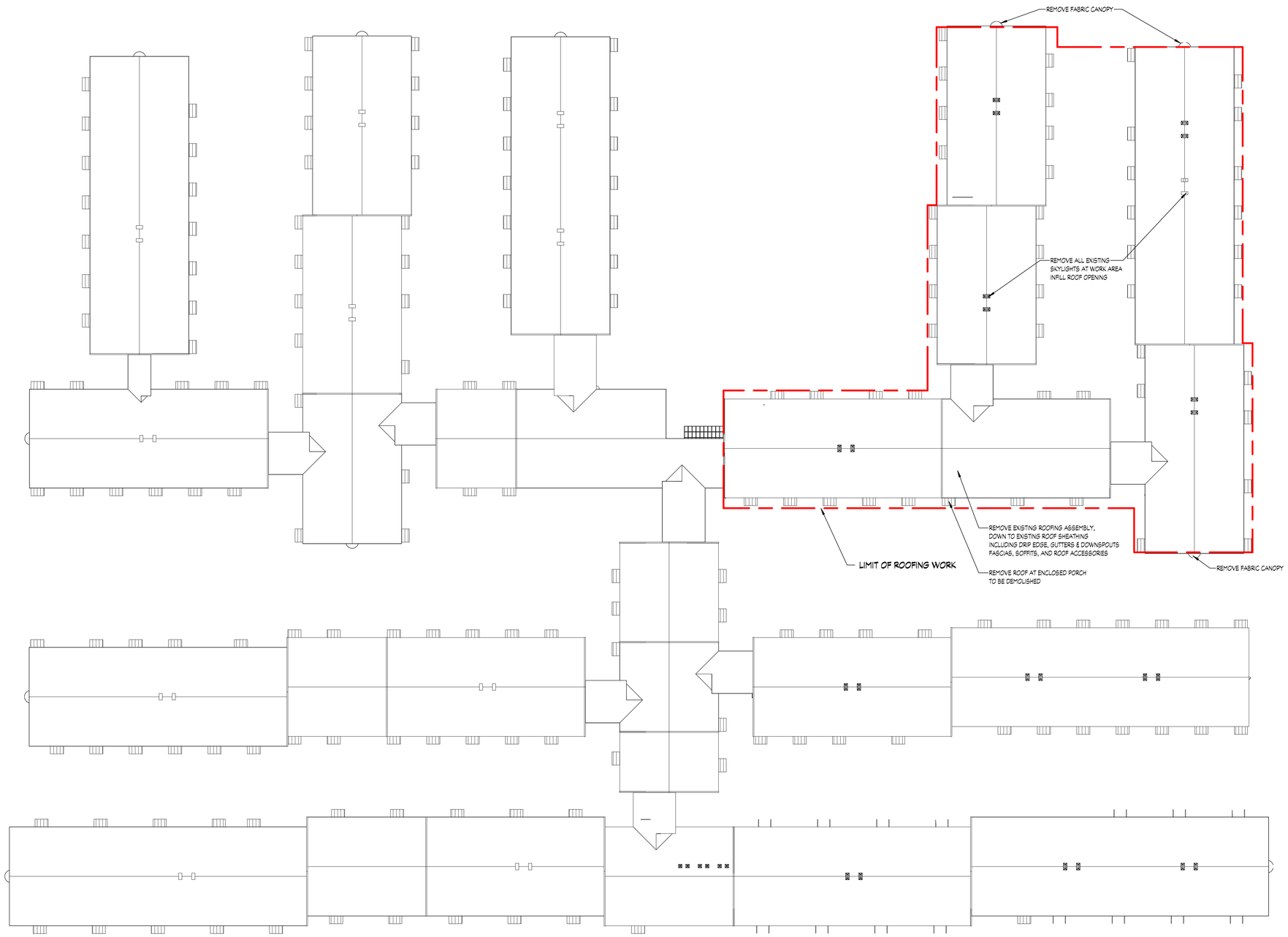
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR DEMOLITION PLAN

DRAWING NUMBER

2-AD.101



1 2-AD.109 ROOF DEMOLITION PLAN

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

DEMOLITION PLAN NOTES:

1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
2. PROVIDE TEMPORARY PROTECTION AT ALL EXISTING EXTERIOR WINDOW, DOOR, WALL, AND ROOF OPENINGS FROM WEATHER AND VANDALISM. WEATHER SEAL FOR PROTECTION DURING CONSTRUCTION PROCESS. TEMPORARY CONSTRUCTION MUST BE WATER TIGHT AND VANDAL RESISTANT TO PREVENT ANY DAMAGE OR VANDALISM TO EXISTING INTERIOR SPACE.
3. CONTINUOUSLY MAINTAIN TEMPORARY MEANS OF EGRESS CONTRACTOR TO COORDINATE WITH ARCHITECT AND G.C.
4. PERFORM ALL DEMOLITION WORK REQUIRED ON THE EXISTING BUILDING AS CALLED FOR ON THE DRAWINGS AND AS REQUIRED TO ACCOMMODATE THE RENOVATION WORK. ALL EXISTING CONSTRUCTION TO REMAIN U.N.O.
5. CAP, PATCH AND REPAIR ALL HOLES AND SURFACES IN WALLS, FLOORS AND CEILINGS WHERE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND/OR ELECTRICAL ITEMS ARE REMOVED AS A RESULT OF THE DEMOLITION OPERATIONS.
6. DEMOLITION OF ALL PORTIONS OF THE STRUCTURE TO BE REMOVED SHALL BE DONE WITH UTMOST CARE, USING TOOLS AND METHODS SUBJECT TO OWNER'S APPROVAL. ALL POSSIBLE CARE SHALL BE TAKEN TO AVOID DAMAGING, SHOCK OR VIBRATION TO PORTIONS OF EXISTING STRUCTURE TO REMAIN.
7. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF EXISTING SEWERS, DRAINS, ETC. IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE DOCUMENTED AND REPORTED TO THE ARCHITECT.
8. ALL EXISTING FINISH FLOORING AND BASE TO BE REMOVED THROUGHOUT WORK AREA. PATCH, REPAIR, FILL DAMAGED CONCRETE OR WOOD SUBFLOOR AND PREPARE FOR NEW FINISH.
9. ALL EXISTING WALLS, FLOORS AND CEILINGS THAT WILL REMAIN SHALL BE SCRAPED AND/OR SANDED, PATCHED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES, U.N.O.
10. REMOVE ALL DOORS, FRAMES, WALLS, FLOOR COVERING, CEILING TREATMENTS, ETC., AS INDICATED ON THE DRAWINGS. U.N.O. REMOVE ALL WALL COVERING AT WALLS SCHEDULED TO BE PAINTED.
11. REMOVE EXISTING CABINETS, CASEWORK AND BUILT-IN EQUIPMENT AS INDICATED ON THE DRAWINGS.
12. WHERE MECHANICAL DUCTWORK, PLUMBING PIPING OR ELECTRICAL IS INDICATED TO BE REMOVED, REMOVE ALL ASSOCIATED FASTENERS, ANCHORS, HANGERS ETC. PATCH AND REPAIR DAMAGED CONSTRUCTION TO MATCH EXISTING AFTER REMOVAL WORK IS COMPLETE.
13. REMOVE AND RELOCATE MECHANICAL AND ELECTRICAL ITEMS AS INDICATED, INCLUDING BUT NOT LIMITED TO PIPING, FIXTURES, EQUIPMENT, DUCTWORK, WIRING DEVICES, PANELS AND ACCESSORIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MECHANICAL AND ELECTRICAL DEMOLITION INFORMATION.
14. REFER TO SECTION 02 41 00 - DEMOLITION, IN THE SPECIFICATION FOR FURTHER INFORMATION PRIOR TO THE START OF DEMOLITION.
15. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL, PLUMBING AND FIRE SUPPRESSION DEMOLITION INFORMATION.
16. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.
17. PREPARE DEMOLITION AREAS FOR NEW FINISHES.
18. REMOVE BATHROOM ACCESSORIES.
19. REMOVE ALL WALL COVERINGS IN CORRIDORS.
20. REMOVE TEXTURED CEILINGS.

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03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ROOF DEMOLITION PLAN

DRAWING NUMBER

2-AD.109

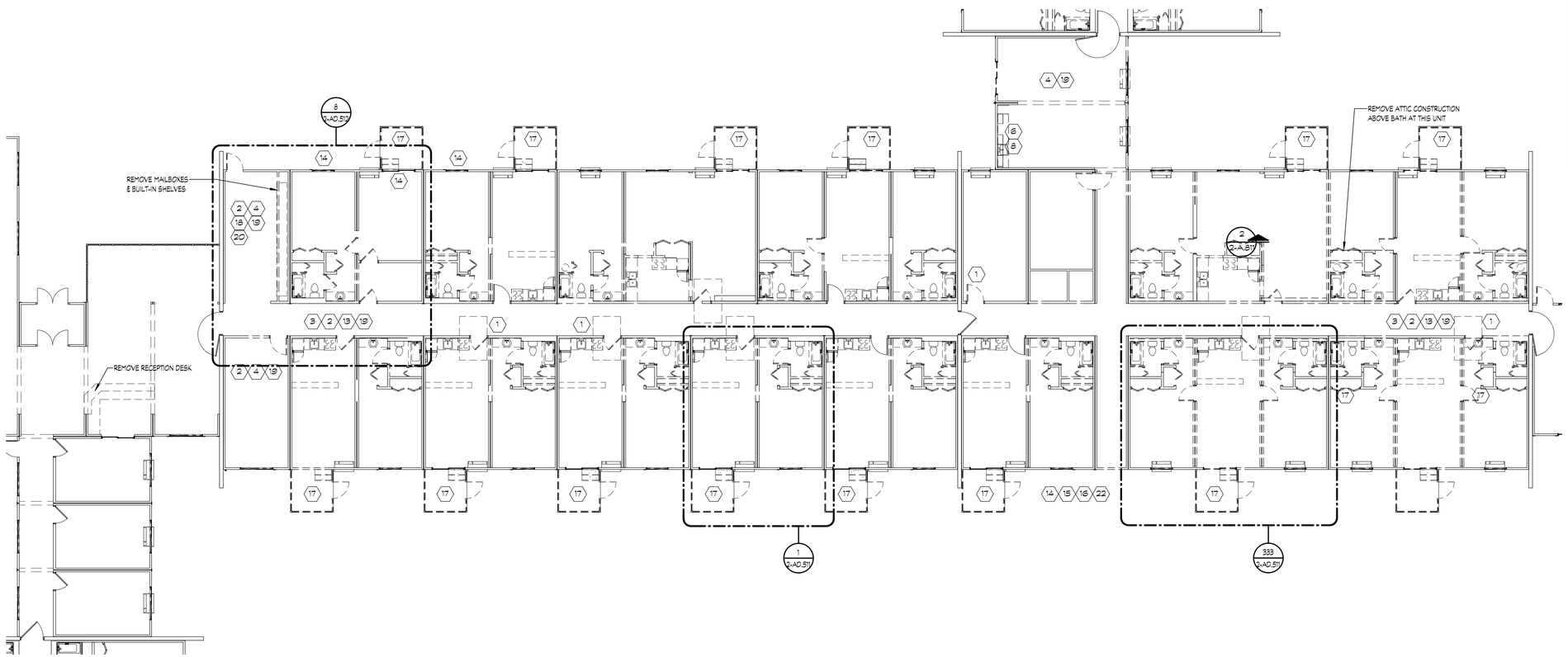
DEMOLITION KEY NOTES:

1	REMOVE EXISTING UNIT ENTRY DOOR AND HARDWARE. REMOVE FRAME WHERE NEW FRAME OR RELOCATED DOOR IS INDICATED ON NEW WORK PLANS.	13	REMOVE CEILING TILES & GRID, DROPS AT SKYLIGHTS, AND LIGHT FIXTURES. LIFE SAFETY DEVICES TO REMAIN, TO BE REINSTALLED IN NEW CEILING.
2	REMOVE CARPET, PAD, BASE, & TACK STRIPS AND/OR ADHESIVE. PATCH AND PREPARE SURFACE FOR NEW FLOORING AND BASE. SEE A.701 FOR FINISHES	14	REMOVE EXISTING WINDOW OR PATIO DOOR
3	REMOVE VINYL FLOORING AND BASE. PATCH, REPAIR AND PREPARE SURFACE FOR NEW FLOORING AND BASE SEE SHEET A.701 FOR FINISHES	15	REMOVE EXISTING TRIM BOARDS PROJECTING FROM FACE OF WOOD SIDING, TO PREP FOR NEW WINDOWS AND EXTERIOR FINISH.
4	REMOVE LIGHT FIXTURES. CIRCUITS & WIRING TO REMAIN WHERE NEW FIXTURE SCHEDULED FOR THE SAME LOCATION. SEE ELECTRICAL DRAWINGS.	16	REMOVE FASCIAS, SOFFITS, GUTTERS, AND DOWNSPOUTS
5	REMOVE LAVATORY AND VANITY, TOILET, TUB OR SHOWER AND SURROUND. VERIFY EXTENT OF PLUMBING DEMO W/ PLUMBING DRAWINGS.	17	REMOVE CONCRETE STAIR AND METAL HANDRAIL. REMOVE ENCLOSED PORCH AND ROOF WHERE IT OCCURS, DOWN TO EXISTING PATIO SLAB.
6	REMOVE SINK, FAUCET, DISPOSAL/DRAIN, AND ACCESSORIES. VERIFY EXTENT OF PLUMBING LINE DEMO W/ PLUMBING DRAWINGS.	18	REMOVE MAIL BOXES AND MAILBOX ENCLOSURE
7	REMOVE TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER	19	REMOVE WALLPAPER OR WALLPAPER BORDER, AND CROWN MOLDING TRIM
8	REMOVE COUNTERTOPS W/ BACK AND SIDE SPLASHES, AND BASE AND WALL CABINETS.	20	REMOVE DIVIDER WALL, BUILT-INS OR COUNTERS
9	REMOVE EXISTING REFRIGERATOR.	21	ENLARGE OR CUT NEW WALL OPENING. SEE NEW WORK PLANS.
10	REMOVE EXISTING RANGE, RANGE HOOD AND GREASE SHIELD.	22	REMOVE WINDOW TREATMENTS
11	REMOVE CABINET SOFFITS AND SOFFIT FRAMING, EXCEPT WHERE NEW SOFFIT SHOWN AT SAME LOCATION. SEE CEILING NEW WORK PLANS.	23	REMOVE TEXTURED CEILING TREATMENT AT AREA OF WORK. PATCH AND PRIME FOR NEW PAINTED FINISH.
12	REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.	24	REMOVE ALL SKYLIGHTS AT AREA OF WORK.

DEMOLITION WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN		REMOVE EXISTING WALL AND/OR CONSTRUCTION	
EXISTING WINDOW TO REMAIN		REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)	
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN		REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.



100 WING DEMOLITION

1 / 2-AD.111 SCALE: 3/32" = 1'-0"

NORTH

DEMOLITION PLAN NOTES:

1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
2. PROVIDE TEMPORARY PROTECTION AT ALL EXISTING EXTERIOR WINDOW, DOOR, WALL, AND ROOF OPENINGS FROM WEATHER AND VANDALISM. WEATHER SEAL FOR PROTECTION DURING CONSTRUCTION PROCESS. TEMPORARY CONSTRUCTION MUST BE WATER TIGHT AND VANDAL RESISTANT TO PREVENT ANY DAMAGE OR VANDALISM TO EXISTING INTERIOR SPACE.
3. CONTINUOUSLY MAINTAIN TEMPORARY MEANS OF EGRESS CONTRACTOR TO COORDINATE WITH ARCHITECT AND G.C.
4. PERFORM ALL DEMOLITION WORK REQUIRED ON THE EXISTING BUILDING AS CALLED FOR ON THE DRAWINGS AND AS REQUIRED TO ACCOMMODATE THE RENOVATION WORK. ALL EXISTING CONSTRUCTION TO REMAIN U.N.O.
5. CAP, PATCH AND REPAIR ALL HOLES AND SURFACES IN WALLS, FLOORS AND CEILINGS WHERE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND/OR ELECTRICAL ITEMS ARE REMOVED AS A RESULT OF THE DEMOLITION OPERATIONS.
6. DEMOLITION OF ALL PORTIONS OF THE STRUCTURE TO BE REMOVED SHALL BE DONE WITH UTMOST CARE, USING TOOLS AND METHODS SUBJECT TO OWNERS APPROVAL. ALL POSSIBLE CARE SHALL BE TAKEN TO AVOID DAMAGING, SHOCK OR VIBRATION TO PORTIONS OF EXISTING STRUCTURE TO REMAIN.
7. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF EXISTING SEWERS, DRAINS, ETC. IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE DOCUMENTED AND REPORTED TO THE ARCHITECT.
8. ALL EXISTING FINISH FLOORING AND BASE TO BE REMOVED THROUGHOUT WORK AREA. PATCH, REPAIR, FILL DAMAGED CONCRETE OR WOOD SUBFLOOR AND PREPARE FOR NEW FINISH.
9. ALL EXISTING WALLS, FLOORS AND CEILINGS THAT WILL REMAIN SHALL BE SCRAPED AND/OR SANDED, PATCHED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES, U.N.O.
10. REMOVE ALL DOORS, FRAMES, WALLS, FLOOR COVERING, CEILING TREATMENTS, ETC., AS INDICATED ON THE DRAWINGS. U.N.O. REMOVE ALL WALL COVERING AT WALLS SCHEDULED TO BE PAINTED.
11. REMOVE EXISTING CABINETS, CASEWORK AND BUILT-IN EQUIPMENT AS INDICATED ON THE DRAWINGS.
12. WHERE MECHANICAL DUCTWORK, PLUMBING PIPING OR ELECTRICAL IS INDICATED TO BE REMOVED, REMOVE ALL ASSOCIATED FASTENERS, ANCHORS, HANGERS ETC. PATCH AND REPAIR DAMAGED CONSTRUCTION TO MATCH EXISTING AFTER REMOVAL WORK IS COMPLETE.
13. REMOVE AND RELOCATE MECHANICAL AND ELECTRICAL ITEMS AS INDICATED, INCLUDING BUT NOT LIMITED TO PIPING, FIXTURES, EQUIPMENT, DUCTWORK, WIRING DEVICES, PANELS AND ACCESSORIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MECHANICAL AND ELECTRICAL DEMOLITION INFORMATION.
14. REFER TO SECTION 02 41 00 - DEMOLITION, IN THE SPECIFICATION FOR FURTHER INFORMATION PRIOR TO THE START OF DEMOLITION.
15. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL, PLUMBING AND FIRE SUPPRESSION DEMOLITION INFORMATION.
16. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.
17. PREPARE DEMOLITION AREAS FOR NEW FINISHES.
18. REMOVE BATHROOM ACCESSORIES.
19. REMOVE ALL WALL COVERINGS IN CORRIDORS.
20. REMOVE TEXTURED CEILINGS.

EXISTING CONSTRUCTION NOTES:

1. CONTRACTOR MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES.
2. VERIFY ALL CONDITIONS COVERING OR AFFECTING THE STRUCTURAL WORK; OBTAIN AND VERIFY ALL DIMENSIONS AND ELEVATIONS TO ENSURE THE PROPER STRENGTH, FIT AND LOCATION OF THE STRUCTURAL WORK; REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE NEW WORK. ALL DISCREPANCIES SHALL BE FULLY RESOLVED PRIOR TO COMMENCING WORK.
3. EXISTING CONSTRUCTION NOT UNDERGOING ALTERATION IS TO REMAIN UNDISTURBED, WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THIS CONTRACT, IT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AND TO THE SATISFACTION OF THE ARCHITECT.
4. WHERE THE EXISTING CONSTRUCTION IS TO BE ALTERED, OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED BEFORE AND DURING OPERATIONS AND UNTIL THE WORK IS SAFELY COMPLETED AND NO LONGER NEEDS SHORING.
5. EACH CONTRACTOR SHALL PROVIDE ALL THE NECESSARY SUPPORT, BRACING, SHORING, ETC. (TEMPORARY AND/OR PERMANENT) OR BOTH NEW AND EXISTING CONSTRUCTION TO ENSURE THE SAFE INSTALLATION OF THE NEW CONSTRUCTION AND EQUIPMENT.
6. THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS SEQUENCES AND PROCEDURES OF CONSTRUCTION.
7. PROVIDE FIRE WATCH DURING FIELD CUTTING AND WELDING OPERATIONS, MEETING THE OWNER'S REQUIREMENTS.
8. CONTRACTOR TO COORDINATE WORK WITH THE OWNER'S PERSONNEL TO AVOID ANY INTERFERENCE IN THE OPERATIONS.
9. CONTRACTOR TO COORDINATE ALL REPAIR, REPLACEMENT, AND/OR CLEANING OF ALL EXISTING MASONRY, E.F.I.S, STONE, OR PRECAST CONCRETE WITH STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

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SEAL

STATE OF MICHIGAN · JAMES THOMAS SCHMEECKLE · LICENSED PROFESSIONAL ARCHITECT · NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

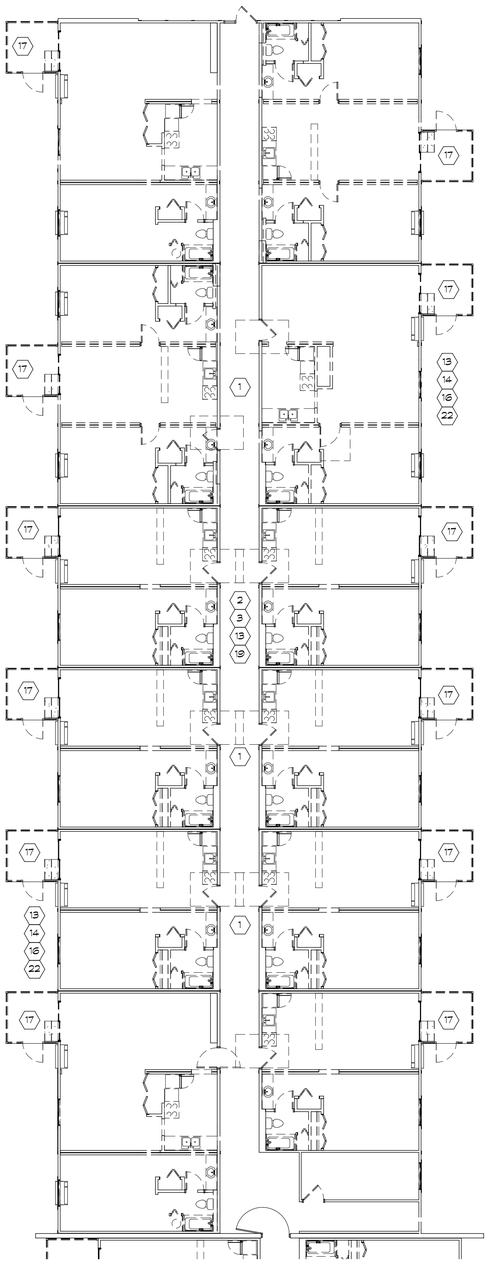
FSP PROJECT NO.
PVM21.072

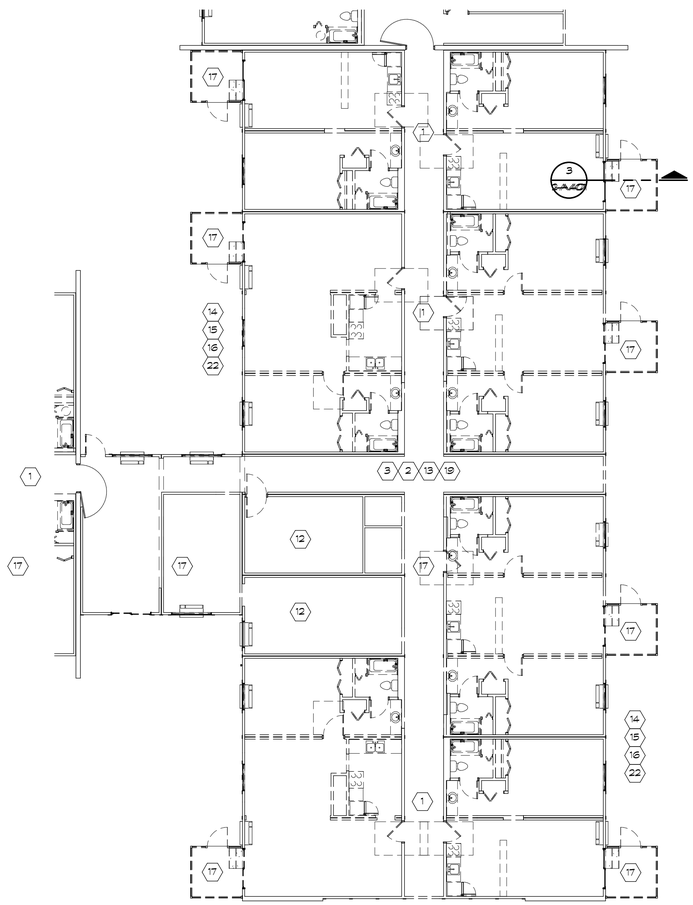
DRAWING TITLE

PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

2-AD.111





1 2-AD.112 NORTH 200 WING DEMOLITION
SCALE: 3/32" = 1'-0"

2 2-AD.112 SOUTH 200 WING DEMOLITION
SCALE: 3/32" = 1'-0"

DEMOLITION KEY NOTES:

1	REMOVE EXISTING UNIT ENTRY DOOR AND HARDWARE. REMOVE FRAME WHERE NEW FRAME OR RELOCATED DOOR IS INDICATED ON NEW WORK PLANS.	13	REMOVE CEILING TILES & GRID, DROPS AT SKYLIGHTS, AND LIGHT FIXTURES. LIFE SAFETY DEVICES TO REMAIN, TO BE REINSTALLED IN NEW CEILING.
2	REMOVE CARPET, PAD, BASE, & TACK STRIPS AND/OR ADHESIVE. PATCH AND PREPARE SURFACE FOR NEW FLOORING AND BASE. SEE A.701 FOR FINISHES	14	REMOVE EXISTING WINDOW OR PATIO DOOR
3	REMOVE VINYL FLOORING AND BASE. PATCH, REPAIR AND PREPARE SURFACE FOR NEW FLOORING AND BASE SEE SHEET A.701 FOR FINISHES	15	REMOVE EXISTING TRIM BOARDS PROJECTING FROM FACE OF WOOD SIDING, TO PREP FOR NEW WINDOWS AND EXTERIOR FINISH.
4	REMOVE LIGHT FIXTURES, CIRCUITS & WIRING TO REMAIN WHERE NEW FIXTURE SCHEDULED FOR THE SAME LOCATION. SEE ELECTRICAL DRAWINGS.	16	REMOVE FASCIAS, SOFFITS, GUTTERS, AND DOWNSPOUTS
5	REMOVE LAVATORY AND VANITY, TOILET, TUB OR SHOWER AND SURROUND. VERIFY EXTENT OF PLUMBING DEMO W/ PLUMBING DRAWINGS.	17	REMOVE CONCRETE STAIR AND METAL HANDRAIL. REMOVE ENCLOSED PORCH AND ROOF WHERE IT OCCURS, DOWN TO EXISTING PATIO SLAB.
6	REMOVE SINK, FAUCET, DISPOSAL/DRAIN, AND ACCESSORIES. VERIFY EXTENT OF PLUMBING LINE DEMO W/ PLUMBING DRAWINGS.	18	REMOVE MAIL BOXES AND MAILBOX ENCLOSURE
7	REMOVE TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER	19	REMOVE WALLPAPER OR WALLPAPER BORDER, AND CROWN MOLDING TRIM
8	REMOVE COUNTERTOPS W/ BACK AND SIDE SPLASHES, AND BASE AND WALL CABINETS.	20	REMOVE DIVIDER WALL, BUILT-INS OR COUNTERS
9	REMOVE EXISTING REFRIGERATOR.	21	ENLARGE OR CUT NEW WALL OPENING. SEE NEW WORK PLANS.
10	REMOVE EXISTING RANGE, RANGE HOOD AND GREASE SHIELD.	22	REMOVE WINDOW TREATMENTS
11	REMOVE CABINET SOFFITS AND SOFFIT FRAMING, EXCEPT WHERE NEW SOFFIT SHOWN AT SAME LOCATION. SEE CEILING NEW WORK PLANS.	23	REMOVE TEXTURED CEILING TREATMENT AT AREA OF WORK. PATCH AND PRIME FOR NEW PAINTED FINISH.
12	REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.	24	REMOVE ALL SKYLIGHTS AT AREA OF WORK.

DEMOLITION WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN		REMOVE EXISTING WALL AND/OR CONSTRUCTION	
EXISTING WINDOW TO REMAIN		REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)	
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN		REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

DEMOLITION PLAN NOTES:

1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
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3. CONTINUOUSLY MAINTAIN TEMPORARY MEANS OF EGRESS CONTRACTOR TO COORDINATE WITH ARCHITECT AND G.C.
4. PERFORM ALL DEMOLITION WORK REQUIRED ON THE EXISTING BUILDING AS CALLED FOR ON THE DRAWINGS AND AS REQUIRED TO ACCOMMODATE THE RENOVATION WORK. ALL EXISTING CONSTRUCTION TO REMAIN U.N.O.
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6. DEMOLITION OF ALL PORTIONS OF THE STRUCTURE TO BE REMOVED SHALL BE DONE WITH UTMOST CARE, USING TOOLS AND METHODS SUBJECT TO OWNER'S APPROVAL. ALL POSSIBLE CARE SHALL BE TAKEN TO AVOID DAMAGING, SHOCK OR VIBRATION TO PORTIONS OF EXISTING STRUCTURE TO REMAIN.
7. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF EXISTING SEWERS, DRAINS, ETC. IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE DOCUMENTED AND REPORTED TO THE ARCHITECT.
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12. WHERE MECHANICAL DUCTWORK, PLUMBING PIPING OR ELECTRICAL IS INDICATED TO BE REMOVED, REMOVE ALL ASSOCIATED FASTENERS, ANCHORS, HANGERS ETC. PATCH AND REPAIR DAMAGED CONSTRUCTION TO MATCH EXISTING AFTER REMOVAL WORK IS COMPLETE.
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16. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.
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18. REMOVE BATHROOM ACCESSORIES.
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SEAL

STATE OF MICHIGAN JAMES THOMAS BIRCHMEIER LICENSE NO. 29064 REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.25	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

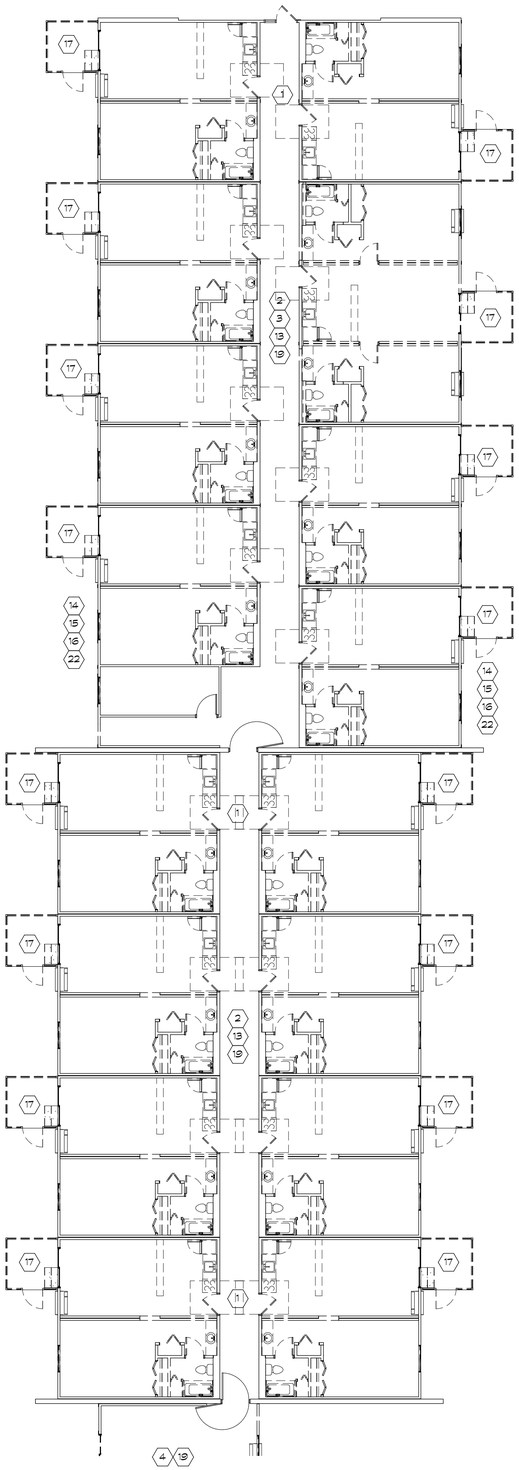
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

2-AD.112



1
2-AD.113
300 WING DEMOLITION
SCALE: 3/32" = 1'-0"

NORTH

DEMOLITION KEY NOTES:

1	REMOVE EXISTING UNIT ENTRY DOOR AND HARDWARE. REMOVE FRAME WHERE NEW FRAME OR RELOCATED DOOR IS INDICATED ON NEW WORK PLANS.	13	REMOVE CEILING TILES & GRID, DROPS AT SKYLIGHTS, AND LIGHT FIXTURES. LIFE SAFETY DEVICES TO REMAIN, TO BE REINSTALLED IN NEW CEILING.
2	REMOVE CARPET, PAD, BASE, & TACK STRIPS AND/OR ADHESIVE. PATCH AND PREPARE SURFACE FOR NEW FLOORING AND BASE. SEE A.701 FOR FINISHES	14	REMOVE EXISTING WINDOW OR PATIO DOOR
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4	REMOVE LIGHT FIXTURES. CIRCUITS & WIRING TO REMAIN WHERE NEW FIXTURE SCHEDULED FOR THE SAME LOCATION. SEE ELECTRICAL DRAWINGS.	16	REMOVE FASCIAS, SOFFITS, GUTTERS, AND DOWNSPOUTS
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6	REMOVE SINK, FAUCET, DISPOSAL/DRAIN, AND ACCESSORIES. VERIFY EXTENT OF PLUMBING LINE DEMO W/ PLUMBING DRAWINGS.	18	REMOVE MAIL BOXES AND MAILBOX ENCLOSURE
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DEMOLITION WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN		REMOVE EXISTING WALL AND/OR CONSTRUCTION	
EXISTING WINDOW TO REMAIN		REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)	
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN		REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE	

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DEMOLITION PLAN NOTES:

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19. REMOVE ALL WALL COVERINGS IN CORRIDORS.
20. REMOVE TEXTURED CEILINGS.

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1. CONTRACTOR MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES.
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ARCHITECTS AND PLANNERS
550 E. NINE MILE ROAD
FERNDALE, MICHIGAN, 48220
PHONE 248.543.4100 FAX 248.543.4141

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SEAL

STATE OF MICHIGAN
TAMMY S. THOMAS
REGISTERED ARCHITECT
LICENSE NO. 29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND
MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

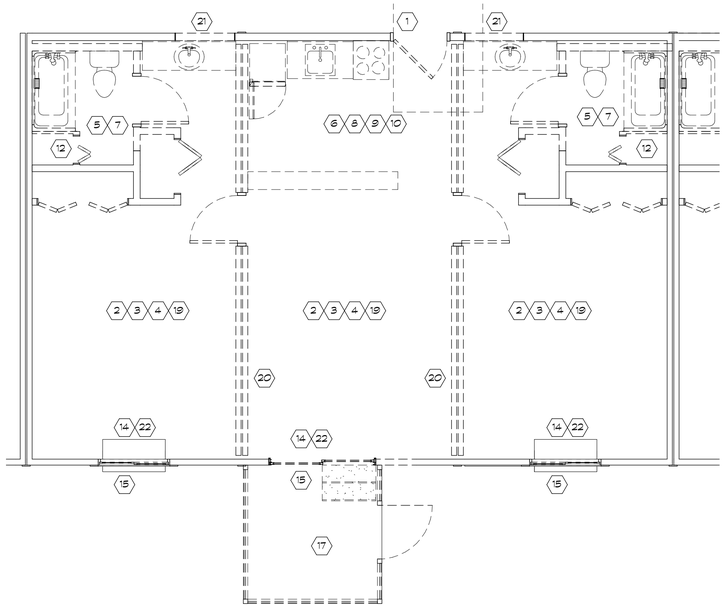
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

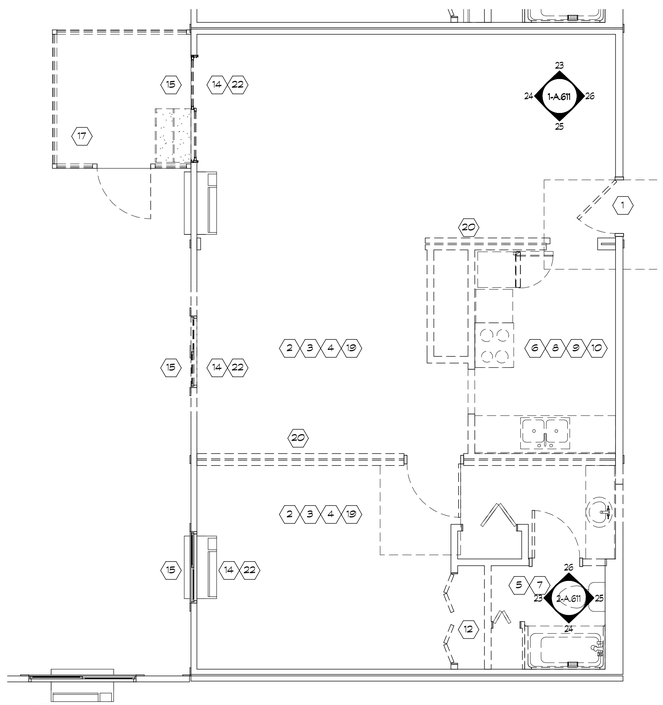
PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

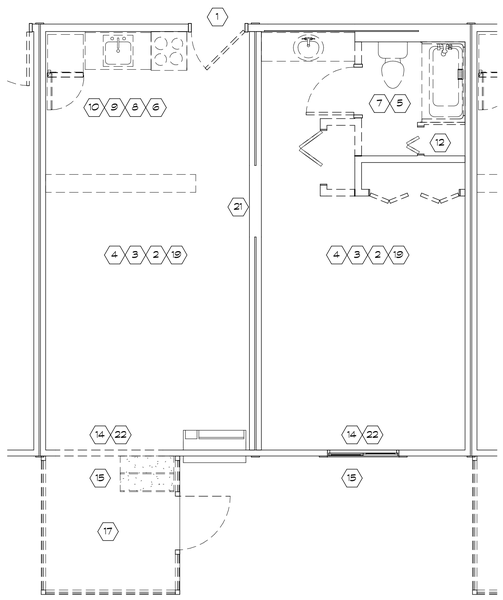
2-AD.113



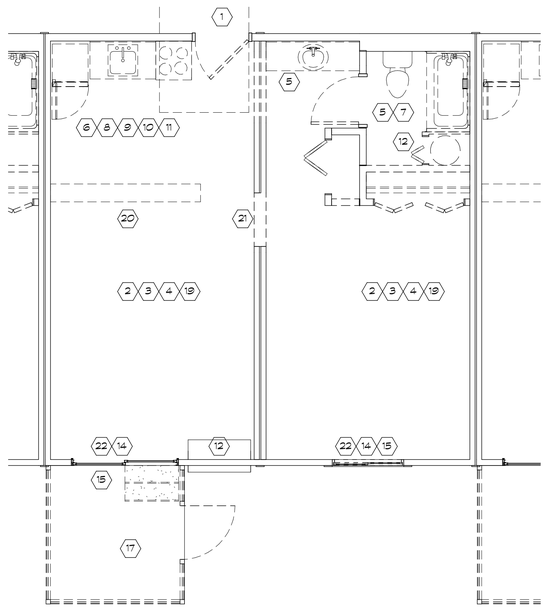
333
2-AD.511
UNIT E 2BR TO 2-TYPE L STUDIO - DEMOLITION
SCALE: 1/4" = 1'-0"



3
2-AD.511
1 BR GR TO UNIT K & K-PH DEMOLITION
SCALE: 1/4" = 1'-0"



2
2-AD.511
UNIT A-PH - 1 BDRM HANDICAPPED DEMOLITION
SCALE: 1/4" = 1'-0"



1
2-AD.511
UNIT A DEMOLITION
SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES:

1	REMOVE EXISTING UNIT ENTRY DOOR AND HARDWARE. REMOVE FRAME WHERE NEW FRAME OR RELOCATED DOOR IS INDICATED ON NEW WORK PLANS.	13	REMOVE CEILING TILES & GRID, DROPS AT SKYLIGHTS, AND LIGHT FIXTURES. LIFE SAFETY DEVICES TO REMAIN, TO BE REINSTALLED IN NEW CEILING.
2	REMOVE CARPET, PAD, BASE, & TACK STRIPS AND/OR ADHESIVE. PATCH AND PREPARE SURFACE FOR NEW FLOORING AND BASE. SEE A.701 FOR FINISHES	14	REMOVE EXISTING WINDOW OR PATIO DOOR
3	REMOVE VINYL FLOORING AND BASE. PATCH, REPAIR AND PREPARE SURFACE FOR NEW FLOORING AND BASE SEE SHEET A.701 FOR FINISHES	15	REMOVE EXISTING TRIM BOARDS PROJECTING FROM FACE OF WOOD SIDING, TO PREP FOR NEW WINDOWS AND EXTERIOR FINISH.
4	REMOVE LIGHT FIXTURES, CIRCUITS & WIRING TO REMAIN WHERE NEW FIXTURE SCHEDULED FOR THE SAME LOCATION. SEE ELECTRICAL DRAWINGS.	16	REMOVE FASCIAS, SOFFITS, GUTTERS, AND DOWNSPOUTS
5	REMOVE LAVATORY AND VANITY, TOILET, TUB OR SHOWER AND SURROUND. VERIFY EXTENT OF PLUMBING DEMO W/ PLUMBING DRAWINGS.	17	REMOVE CONCRETE STAIR AND METAL HANDRAIL. REMOVE ENCLOSED PORCH AND ROOF WHERE IT OCCURS, DOWN TO EXISTING PATIO SLAB.
6	REMOVE SINK, FAUCET, DISPOSAL/DRAIN, AND ACCESSORIES. VERIFY EXTENT OF PLUMBING LINE DEMO W/ PLUMBING DRAWINGS.	18	REMOVE MAIL BOXES AND MAILBOX ENCLOSURE
7	REMOVE TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER	19	REMOVE WALLPAPER OR WALLPAPER BORDER, AND CROWN MOLDING TRIM
8	REMOVE COUNTERTOPS W/ BACK AND SIDE SPLASHES, AND BASE AND WALL CABINETS.	20	REMOVE DIVIDER WALL, BUILT-INS OR COUNTERS
9	REMOVE EXISTING REFRIGERATOR.	21	ENLARGE OR CUT NEW WALL OPENING. SEE NEW WORK PLANS.
10	REMOVE EXISTING RANGE, RANGE HOOD AND GREASE SHIELD.	22	REMOVE WINDOW TREATMENTS
11	REMOVE CABINET SOFFITS AND SOFFIT FRAMING, EXCEPT WHERE NEW SOFFIT SHOWN AT SAME LOCATION. SEE CEILING NEW WORK PLANS.	23	REMOVE TEXTURED CEILING TREATMENT AT AREA OF WORK. PATCH AND PRIME FOR NEW PAINTED FINISH.
12	REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.	24	REMOVE ALL SKYLIGHTS AT AREA OF WORK.

DEMOLITION WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN		REMOVE EXISTING WALL AND/OR CONSTRUCTION	
EXISTING WINDOW TO REMAIN		REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)	
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN		REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE	

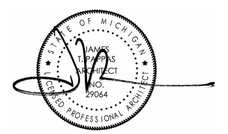
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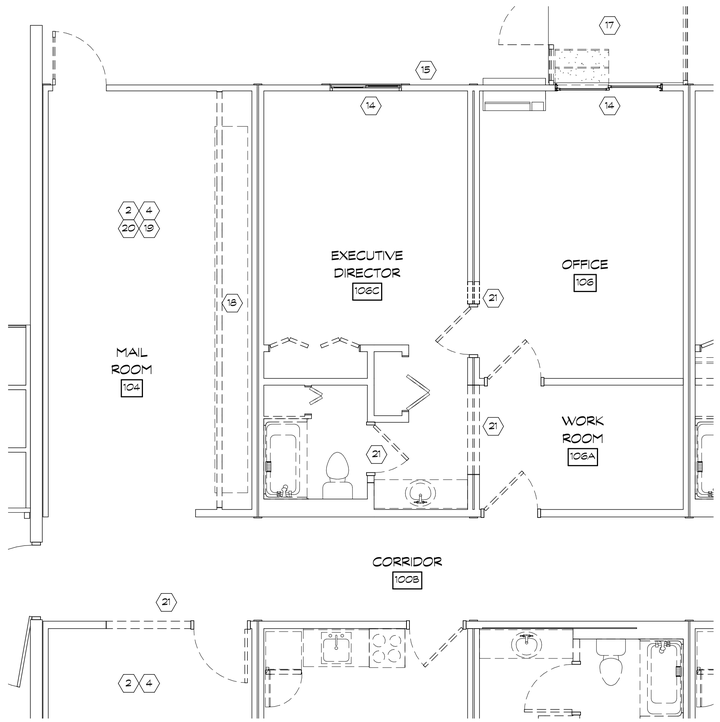
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT DEMOLITION PLANS

DRAWING NUMBER

2-AD.511



8 / 2-AD.512 DEMO PLAN- OFFICE & MAIL ROOM

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

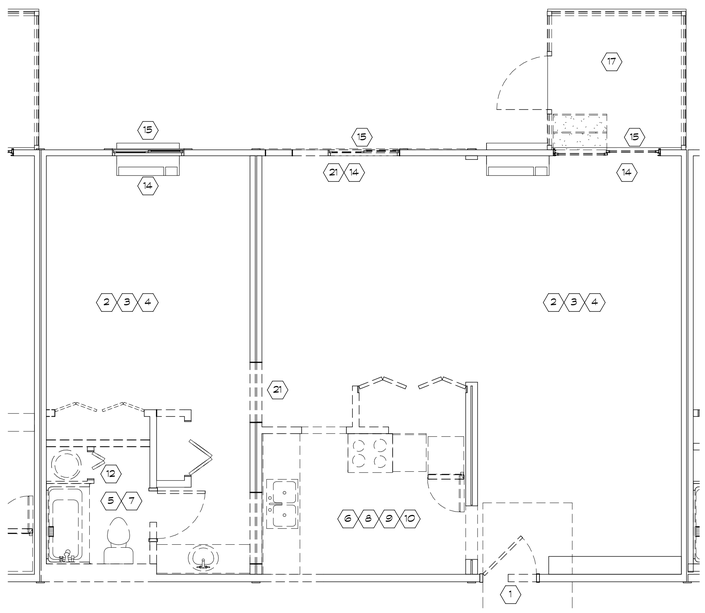
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DEMOLITION WALL LEGEND:

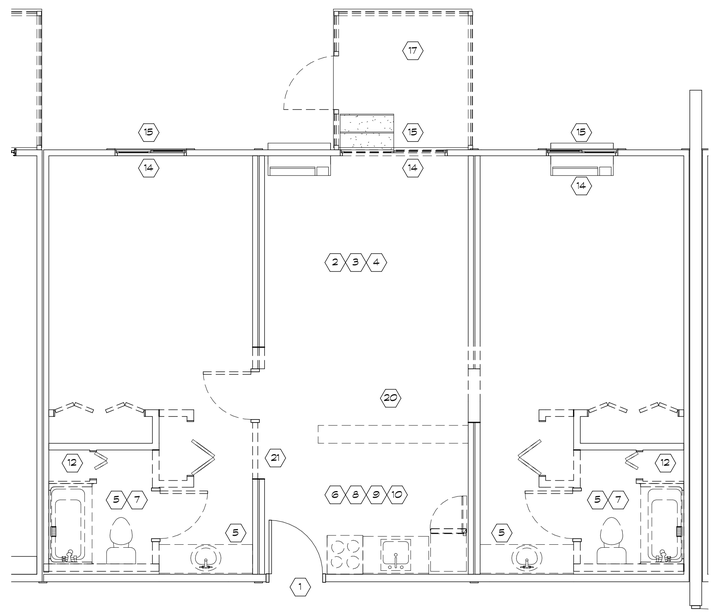
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EXISTING WINDOW TO REMAIN		REMOVE EXISTING WINDOW (EXACT TYPE MAY VARY)	
EXISTING DOOR, FRAME AND HARDWARE TO REMAIN		REMOVE EXISTING DOOR AND/OR FRAME AND HARDWARE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.



8B / 2-AD.512 UNIT C 1 BR GR TO TYPE A + BONUS SPACE - DEMOLITION

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



2 / 2-AD.512 UNIT E 2 BR TO UNIT E-PH - 2 BDRM HANDICAPPED- DEMOLITION

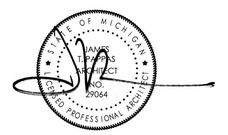
SCALE: 1/4" = 1'-0"

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT DEMOLITION PLANS

DRAWING NUMBER

2-AD.512

PROJECT LIMIT OF WORK

SEE SEPARATE 9% PROJECT

PROJECT LIMIT OF WORK

1000 WING

900 WING

800 WING

700 WING

600 WING WEST

600 WING EAST

500 WING

300 WING

200 WING

100 WING

OVERALL FIRST FLOOR PLAN

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

NORTH

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STATE OF MICHIGAN
JAMES
SCHMIDT
NO.
29064
REGISTERED PROFESSIONAL ARCHITECT

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VILLAGE OF WESTLAND
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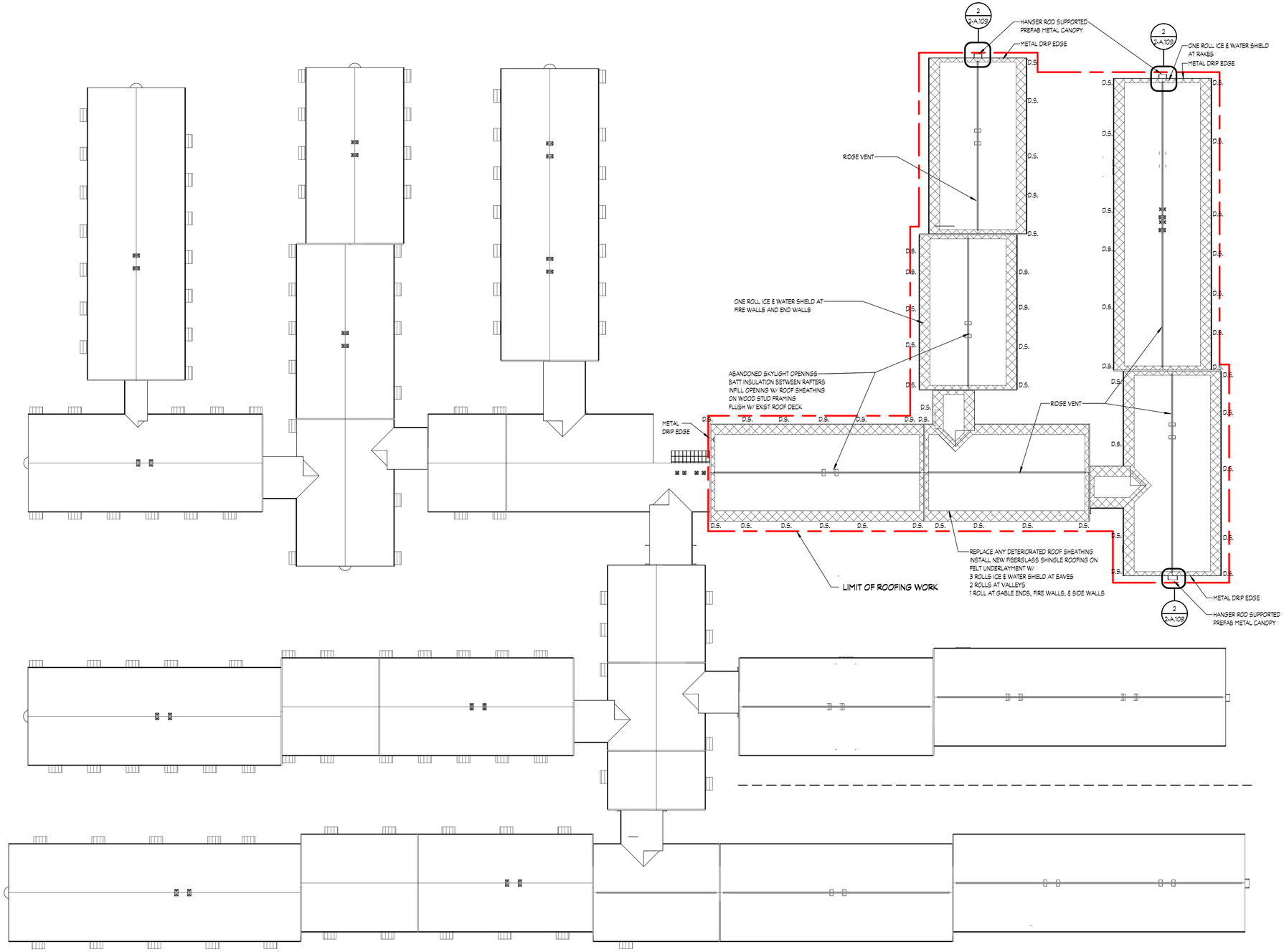
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR PLAN

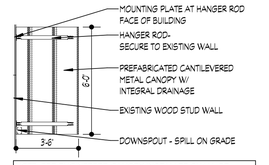
DRAWING NUMBER

2-A.101



ROOF PLAN LEGEND

	AREAS OF ICE & WATER SHIELD MATERIAL
D.S.	DOWNSPOUT
	ROOF LOUVER SEE DETAIL
	RIDGE VENT SEE DETAIL
E.F.	EXHAUST FAN (E.F.) SEE MECHANICAL



NOTE: PRE-ENGINEERED CANOPY INSTALLER SHALL BE RESPONSIBLE FOR ENGINEERING BUILDING CONNECTIONS, INCLUDING ANY REQUIRED BLOCKING AND REINFORCEMENT.

2 / 2-A.109 ENLARGED CANOPY PLAN

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

1 / 2-A.109 ROOF PLAN

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

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KEY PLAN

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PVM21.072

DRAWING TITLE

ROOF PLAN

DRAWING NUMBER

2-A.109

GENERAL PLAN NOTES:

1. ALL DIMENSIONS ARE TO FACE OF STUDS, CENTERLINE OF OPENINGS FOR DOORS AND WINDOWS, FACE OF BRICK OR FACE OF SHEATHING, AND FACE OF FINISHED WALL AT EXISTING CONSTRUCTION.
2. USE 5/8" GYPSUM BOARD AT ALL NEW , AND AT NEW UNIT DEMISING AND CORRIDOR WALLS. USE 1/2" GYPSUM BOARD AT UNIT INTERIOR WALLS AND AT WALL INFILLS AND EXTENSIONS, WHERE EXISTING IS 1/2"
3. PROVIDE AND INSTALL SEALANT AT INTERSECTION OF ALL GYPSUM BOARD PARTITIONS AND MASONRY WALLS, (BOTH SIDES OF PARTITIONS).
4. VERIFY SIZE AND LOCATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, PADS, PENETRATIONS AND SUPPORTS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
5. PLANS INDICATE MINIMUM REQUIREMENTS FOR FIRE EXTINGUISHERS, PROVIDE ADDITIONAL EXTINGUISHERS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
6. SEE SHEET A701 FOR ROOM FINISH AND WINDOW SCHEDULES.
7. SEE SHEET A711 FOR DOOR SCHEDULE.
8. SEE SHEET A721 FOR WALL TYPES AND RATED ASSEMBLIES.
9. SEE SHEET A801 FOR REFLECTED CEILING PLANS.
10. SEAL ALL WALL, FLOOR, AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS TO PREVENT PEST ENTRY.
11. PAINT EXISTING DOORS TO REMAIN WITH A PAINTED FINISH WITH A FINISH THAT ARE TO REMAIN, INCLUDING FIRE WALL DOORS. DO NOT PAINT RATING LABELS OR HARDWARE. DO NOT PAINT UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH.
12. REMOVE ALL WALLCOVERINGS & BORDERS AT ALL AREAS OF WORK THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH, WHETHER INDICATED IN KEY NOTE OR NOT.
13. REMOVE APPLIED TEXTURED CEILING TREATMENT AT ALL CEILINGS THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH.
14. PAINT ALL DOOR FRAMES THAT ARE TO REMAIN AT THE AREA OF WORK.
15. REPAIR AND TOUCH UP FINISH AT ALL UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH THAT ARE TO REMAIN.

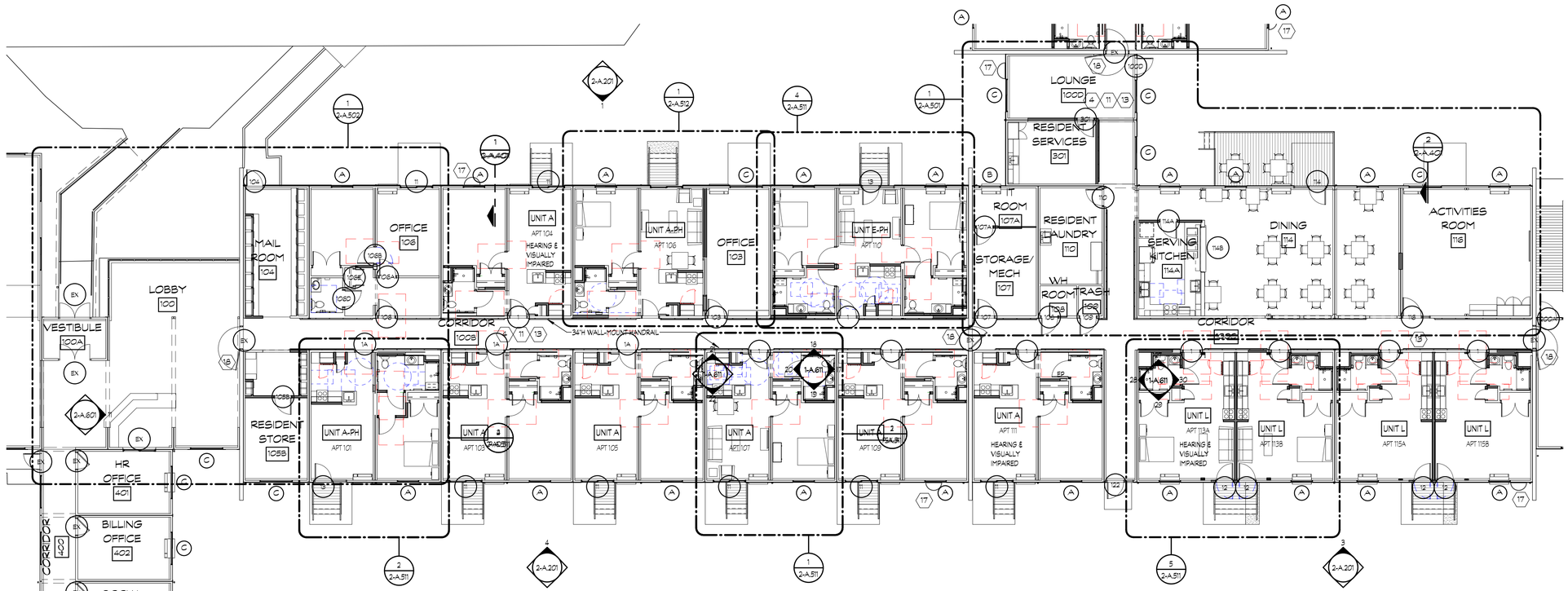
WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

KEY NOTES:

1	PROVIDE AND INSTALL NEW ENTRY DOOR AND FRAME, IN EXISTING OR NEW WALL OPENING
2	PROVIDE AND INSTALL NEW SLIDING OR SWINGING PATIO DOOR IN EXISTING OR NEW WALL OPENING
3	INFILL OPENING AT DEMOLISHED WINDOW, SLIDING DOOR, OR PTAC OPENING SHEATHING FLUSH BOTH FACES
4	PATCH, REPAIR AND PREPARE SURFACE FOR FLOORING AND BASE. INSTALL FLOORING IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS. REFER TO A.701 FOR FINISHES
5	PROVIDE AND INSTALL NEW BASE AND WALL CABINETS. PROVIDE AND INSTALL BLOCKING, PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
6	PROVIDE AND INSTALL NEW COUNTERTOPS AND BACK AND SIDE SPLASHES. PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
7	PROVIDE AND INSTALL NEW SINK, FAUCET, DISPOSAL (KITCHEN)/DRAIN, SHUT-OFF VALVES AND ALL RELATED ACCESSORIES. RECONNECT WATER, SANITARY AND ELECTRIC. SEE PLUMBING DRAWINGS.
8	PROVIDE AND INSTALL NEW TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER AS INDICATED.
9	PROVIDE AND INSTALL NEW RANGE, RECIRCULATING RANGE HOOD W/ FIRE SUPRESSION CANISTERS, GREASE SHIELD, AND REFRIGERATOR
10	INSTALL NEW DISHWASHER. WATER, SANITARY AND ELECTRIC.
11	PATCH GAP BETWEEN WALL AND CEILING WHERE IT OCCURS. REPAIR, APPLY SEALANT AT JOINT, AND PAINT WALLS AND CEILING.
12	PROVIDE AND INSTALL NEW MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	INSTALL WALL-MOUNT HANDRAIL, BOTH SIDES OF CORRIDOR. TOP OF HANDRAIL TO BE 34" A.F.F.
14	REMOVE TEXTURED CEILING. PATCH, PRIME AND PAINT CEILING.
15	INSTALL SOLID SURFACE WINDOW STOOLS AT ALL REPLACED OR NEW WINDOWS.
16	PATCH HEAD, JAMB AND SILL AT REPLACED OR NEW WINDOW OR DOOR. TOUCH UP PAINT.
17	EXISTING CRAWLSPACE ACCESS DOOR. CLEAN OUT EXISTING WELL, REMOVE EXISTING ACCESS DOOR, AND REPLACE WITH NEW VENTED ACCESS PANEL WITH PADLOCK. TYPICAL ALL ACCESS DOORS AT AREA OF WORK. SEE DETAIL 1 ON A.401.
18	CLEAN AND PAINT EXISTING FIRE DOORS TO REMAIN, BOTH SIDES.
19	DOORBELL WITH STROBE AT HEARING & VISUALLY IMPAIRED UNIT, TIED IN TO BUILDING FIRE ALARM SYSTEM. "PRIME CHIME +2" WITH REMOTE STROBE LIGHT OPTION, OR APPROVED EQUAL.
20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS



1 2-A.111 — 100 WING
SCALE: 3/32" = 1'-0"

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VILLAGE OF WESTLAND
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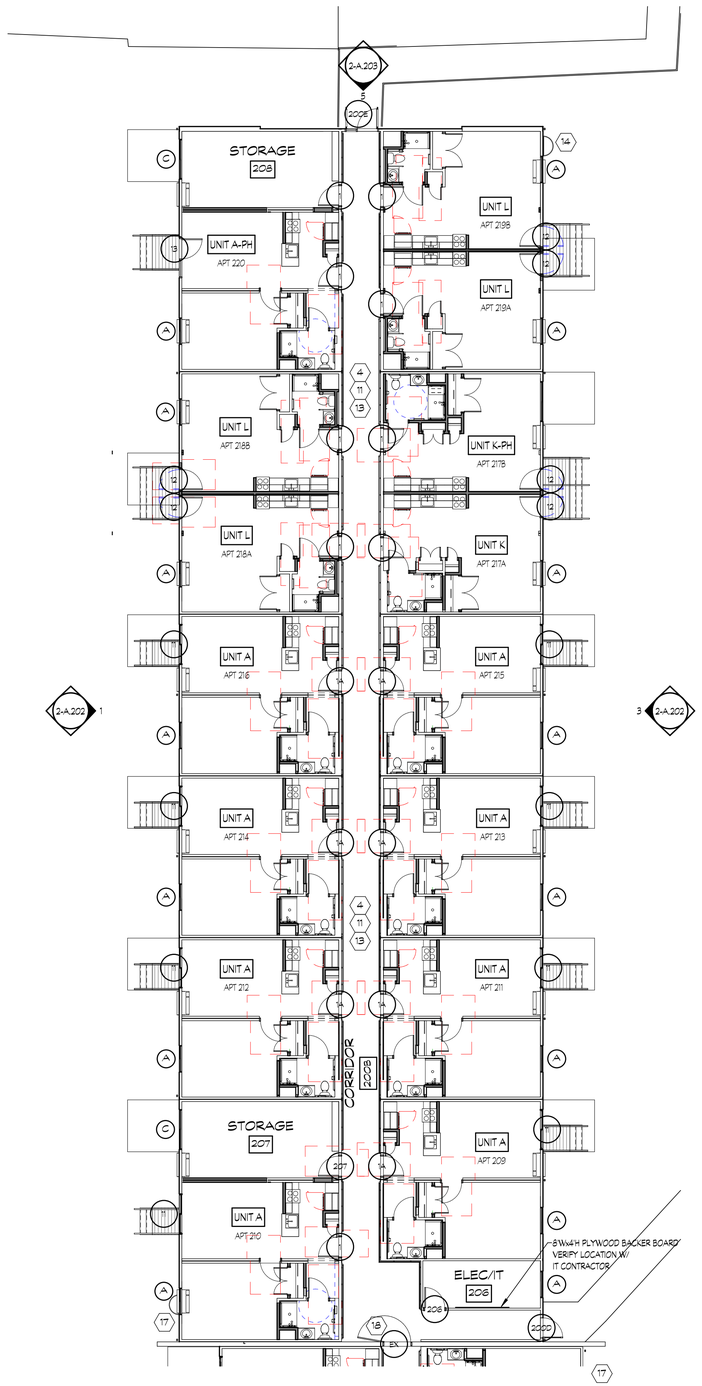
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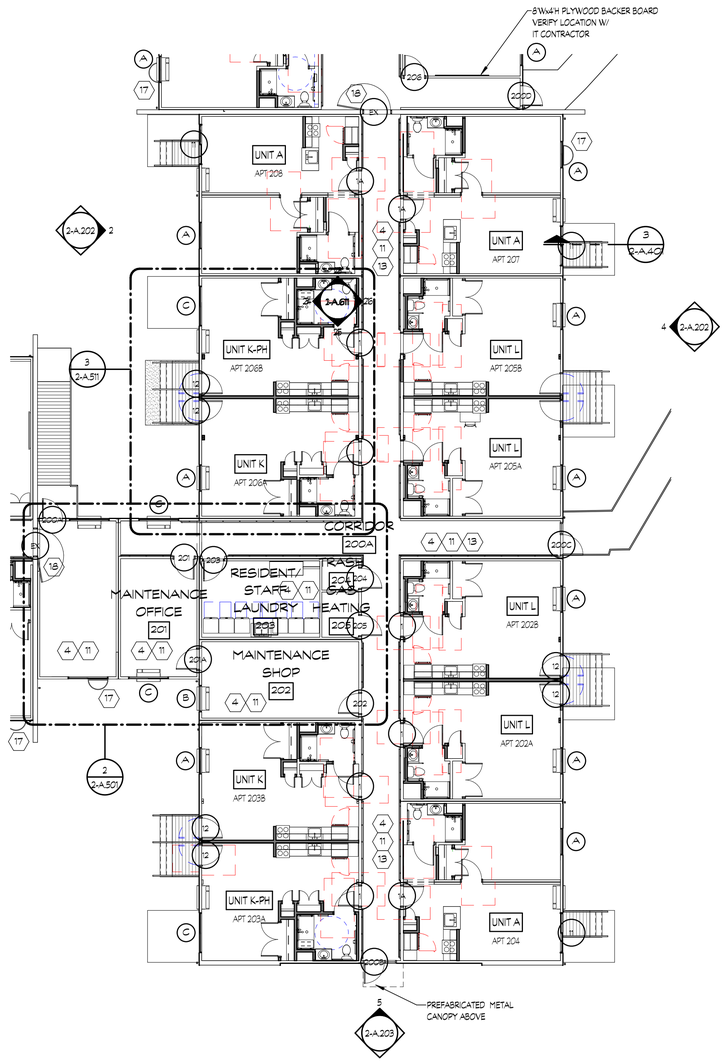
DRAWING TITLE

PARTIAL FLOOR PLAN - 100 WING

DRAWING NUMBER

2-A.111





1 2-A.112 NORTH 200 WING
SCALE: 3/32" = 1'-0"
NORTH

2 2-A.112 SOUTH 200 WING
SCALE: 3/32" = 1'-0"
NORTH

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6. SEE SHEET A701 FOR ROOM FINISH AND WINDOW SCHEDULES.
7. SEE SHEET A711 FOR DOOR SCHEDULE.
8. SEE SHEET A721 FOR WALL TYPES AND RATED ASSEMBLIES.
9. SEE SHEET A801 FOR REFLECTED CEILING PLANS.
10. SEAL ALL WALL, FLOOR, AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS TO PREVENT PEST ENTRY.
11. PAINT EXISTING DOORS TO REMAIN WITH A PAINTED FINISH WITH A FINISH THAT ARE TO REMAIN, INCLUDING FIRE WALL DOORS. DO NOT PAINT RATING LABELS OR HARDWARE. DO NOT PAINT UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH.
12. REMOVE ALL WALLCOVERINGS & BORDERS AT ALL AREAS OF WORK THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH, WHETHER INDICATED IN KEY NOTE OR NOT.
13. REMOVE APPLIED TEXTURED CEILING TREATMENT AT ALL CEILINGS THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH.
14. PAINT ALL DOOR FRAMES THAT ARE TO REMAIN AT THE AREA OF WORK.
15. REPAIR AND TOUCH UP FINISH AT ALL UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH THAT ARE TO REMAIN.

WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

KEY NOTES:

1	PROVIDE AND INSTALL NEW ENTRY DOOR AND FRAME, IN EXISTING OR NEW WALL OPENING
2	PROVIDE AND INSTALL NEW SLIDING OR SWINGING PATIO DOOR IN EXISTING OR NEW WALL OPENING
3	INFILL OPENING AT DEMOLISHED WINDOW, SLIDING DOOR, OR PTAC OPENING SHEATHING FLUSH BOTH FACES
4	PATCH, REPAIR AND PREPARE SURFACE FOR FLOORING AND BASE. INSTALL FLOORING IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS. REFER TO A.701 FOR FINISHES
5	PROVIDE AND INSTALL NEW BASE AND WALL CABINETS. PROVIDE AND INSTALL BLOCKING, PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
6	PROVIDE AND INSTALL NEW COUNTERTOPS AND BACK AND SIDE SPLASHES. PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
7	PROVIDE AND INSTALL NEW SINK, FAUCET, DISPOSAL (KITCHEN)/DRAIN, SHUT-OFF VALVES AND ALL RELATED ACCESSORIES. RECONNECT WATER, SANITARY AND ELECTRIC. SEE PLUMBING DRAWINGS.
8	PROVIDE AND INSTALL NEW TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER AS INDICATED.
9	PROVIDE AND INSTALL NEW RANGE, RECIRCULATING RANGE HOOD W/ FIRE SUPRESSION CANISTERS, GREASE SHIELD, AND REFRIGERATOR
10	INSTALL NEW DISHWASHER. WATER, SANITARY AND ELECTRIC.
11	PATCH GAP BETWEEN WALL AND CEILING WHERE IT OCCURS. REPAIR, APPLY SEALANT AT JOINT, AND PAINT WALLS AND CEILING.
12	PROVIDE AND INSTALL NEW MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	INSTALL WALL-MOUNT HANDRAIL, BOTH SIDES OF CORRIDOR. TOP OF HANDRAIL TO BE 34" A.F.F.
14	REMOVE TEXTURED CEILING. PATCH, PRIME AND PAINT CEILING.
15	INSTALL SOLID SURFACE WINDOW STOOLS AT ALL REPLACED OR NEW WINDOWS.
16	PATCH HEAD, JAMB AND SILL AT REPLACED OR NEW WINDOW OR DOOR. TOUCH UP PAINT.
17	EXISTING CRAWLSPACE ACCESS DOOR. CLEAN OUT EXISTING WELL. REMOVE EXISTING ACCESS DOOR, AND REPLACE WITH NEW VENTED ACCESS PANEL WITH PADLOCK. TYPICAL ALL ACCESS DOORS AT AREA OF WORK. SEE DETAIL 1 ON A.401.
18	CLEAN AND PAINT EXISTING FIRE DOORS TO REMAIN, BOTH SIDES.
19	DOORBELL WITH STROBE AT HEARING & VISUALLY IMPAIRED UNIT, TIED IN TO BUILDING FIRE ALARM SYSTEM. "PRIME CHIME +2" WITH REMOTE STROBE LIGHT OPTION, OR APPROVED EQUAL.
20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

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STATE OF MICHIGAN
LICENSED PROFESSIONAL ARCHITECT
JAMES
THOMAS
SCHMITT
LICENSE NO.
29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.25	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

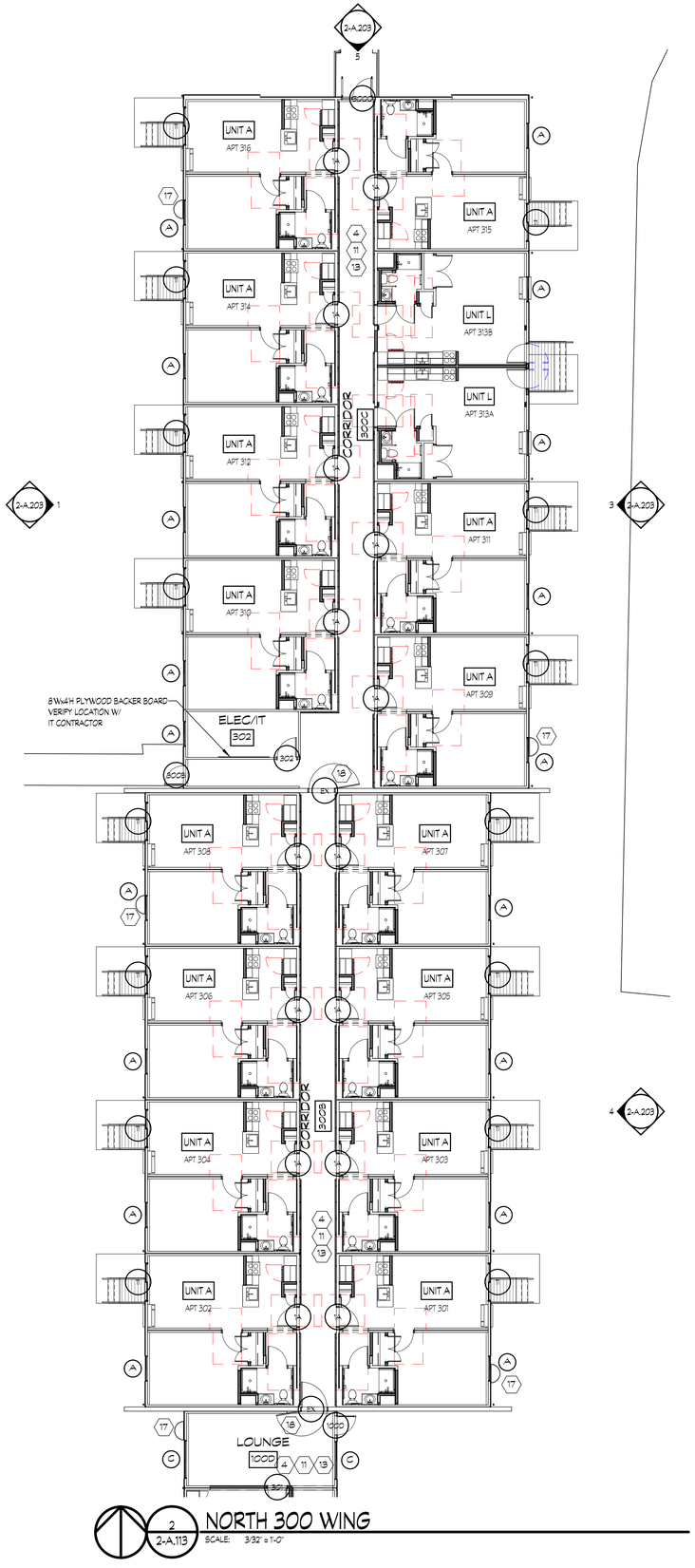
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FLOOR PLAN - 200 WING

DRAWING NUMBER

2-A.112



GENERAL PLAN NOTES:

1. ALL DIMENSIONS ARE TO FACE OF STUDS, CENTERLINE OF OPENINGS FOR DOORS AND WINDOWS, FACE OF BRICK OR FACE OF SHEATHING, AND FACE OF FINISHED WALL AT EXISTING CONSTRUCTION.
2. USE 5/8" GYPSUM BOARD AT ALL NEW , AND AT NEW UNIT DEMISING AND CORRIDOR WALLS. USE 1/2" GYPSUM BOARD AT UNIT INTERIOR WALLS AND AT WALL INFILLS AND EXTENSIONS, WHERE EXISTING IS 1/2"
3. PROVIDE AND INSTALL SEALANT AT INTERSECTION OF ALL GYPSUM BOARD PARTITIONS AND MASONRY WALLS, (BOTH SIDES OF PARTITIONS).
4. VERIFY SIZE AND LOCATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, PADS, PENETRATIONS AND SUPPORTS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
5. PLANS INDICATE MINIMUM REQUIREMENTS FOR FIRE EXTINGUISHERS. PROVIDE ADDITIONAL EXTINGUISHERS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
6. SEE SHEET A701 FOR ROOM FINISH AND WINDOW SCHEDULES.
7. SEE SHEET A711 FOR DOOR SCHEDULE.
8. SEE SHEET A721 FOR WALL TYPES AND RATED ASSEMBLIES.
9. SEE SHEET A801 FOR REFLECTED CEILING PLANS.
10. SEAL ALL WALL, FLOOR, AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS TO PREVENT PEST ENTRY.
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WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

"NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

KEY NOTES:

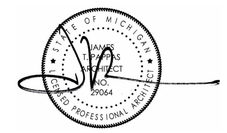
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20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

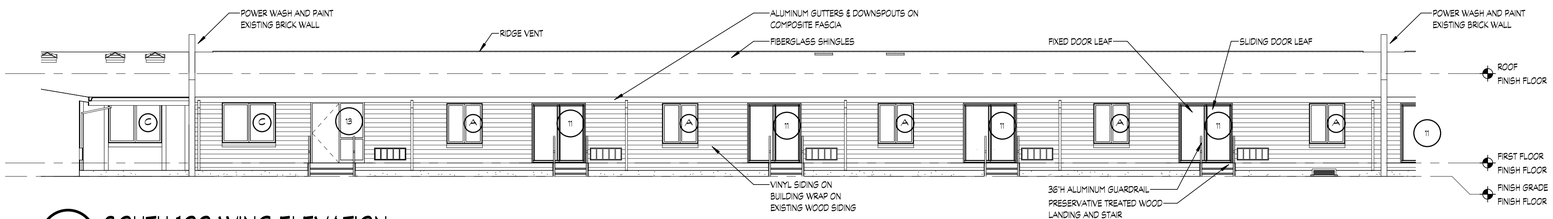
DRAWING TITLE

PARTIAL FLOOR PLAN - 300 WING

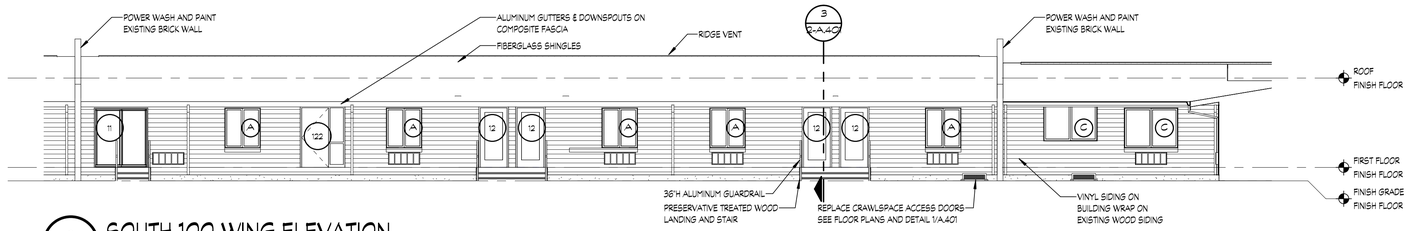
DRAWING NUMBER

2-A.113

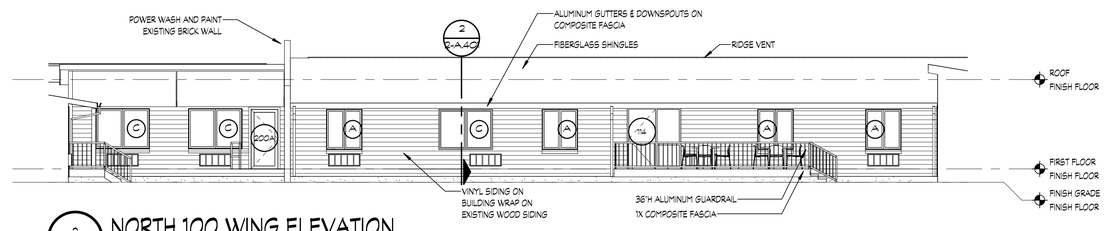
VINYL SIDING SCHEDULE
ALLOW FOR 3 SIDING COLORS MIXED AT EACH BUILDING WING INCLUDING 1 "PREMIUM" COLOR (NO MORE THAN 25% OF TOTAL SIDING AREA)



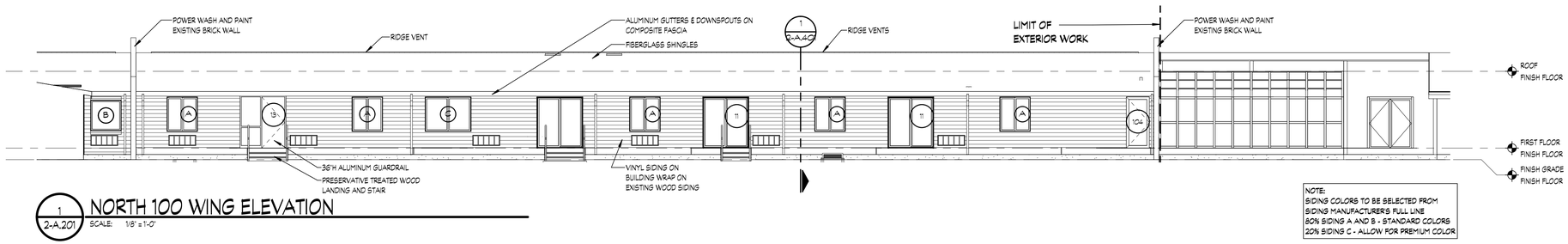
4 / 2-A.201 SOUTH 100 WING ELEVATION
SCALE: 1/8" = 1'-0"



3 / 2-A.201 SOUTH 100 WING ELEVATION
SCALE: 1/8" = 1'-0"



2 / 2-A.201 NORTH 100 WING ELEVATION
SCALE: 1/8" = 1'-0"



1 / 2-A.201 NORTH 100 WING ELEVATION
SCALE: 1/8" = 1'-0"

NOTE:
SIDING COLORS TO BE SELECTED FROM SIDING MANUFACTURER'S FULL LINE
80% SIDING A AND B - STANDARD COLORS
20% SIDING C - ALLOW FOR PREMIUM COLOR

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SEAL

STATE OF MICHIGAN
TAMMY THOMAS
REGISTERED
NO. 29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ELEVATIONS

DRAWING NUMBER

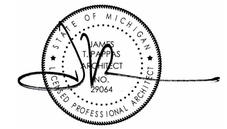
2-A.201

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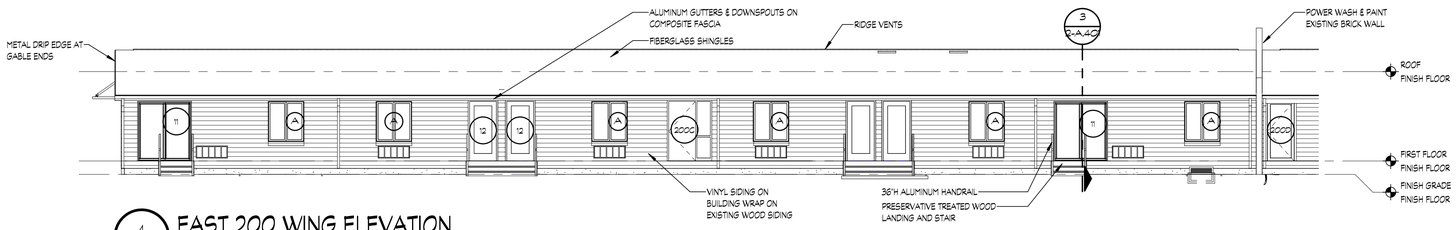
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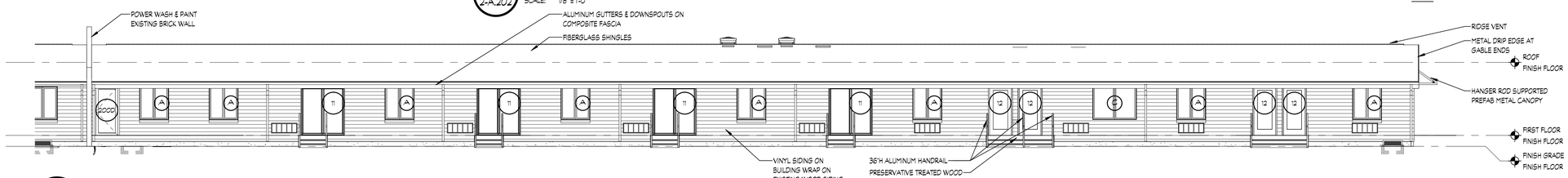


PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

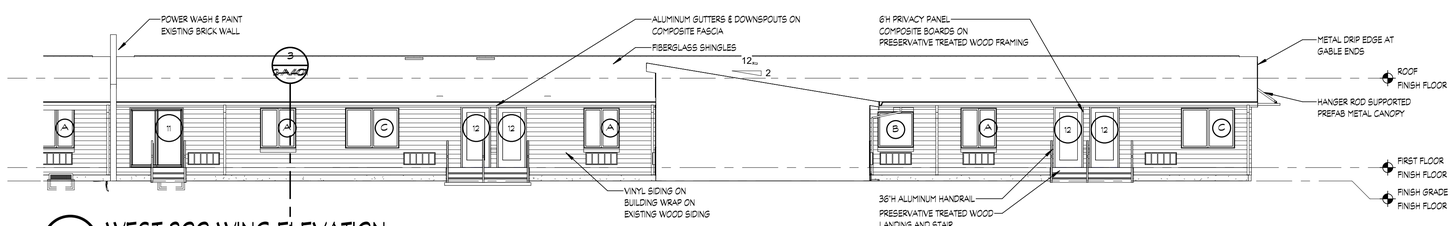
WESTLAND MICHIGAN



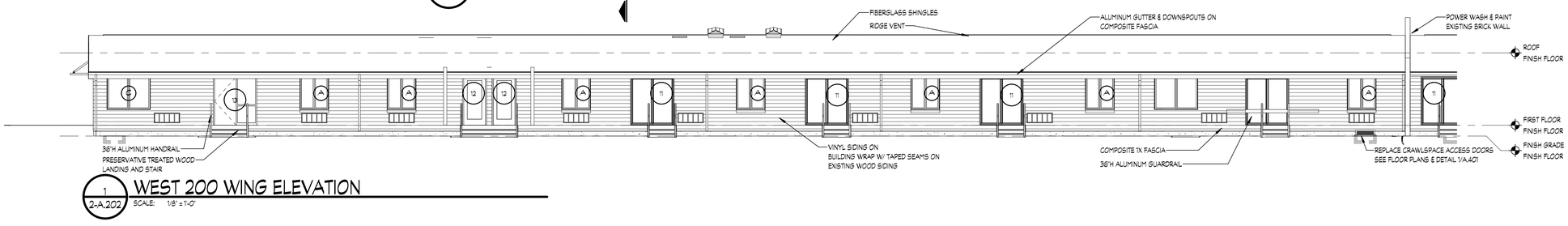
4 2-A.202 EAST 200 WING ELEVATION
SCALE: 1/8" = 1'-0"



3 2-A.202 EAST 200 WING ELEVATION
SCALE: 1/8" = 1'-0"



2 2-A.202 WEST 200 WING ELEVATION
SCALE: 1/8" = 1'-0"



1 2-A.202 WEST 200 WING ELEVATION
SCALE: 1/8" = 1'-0"

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

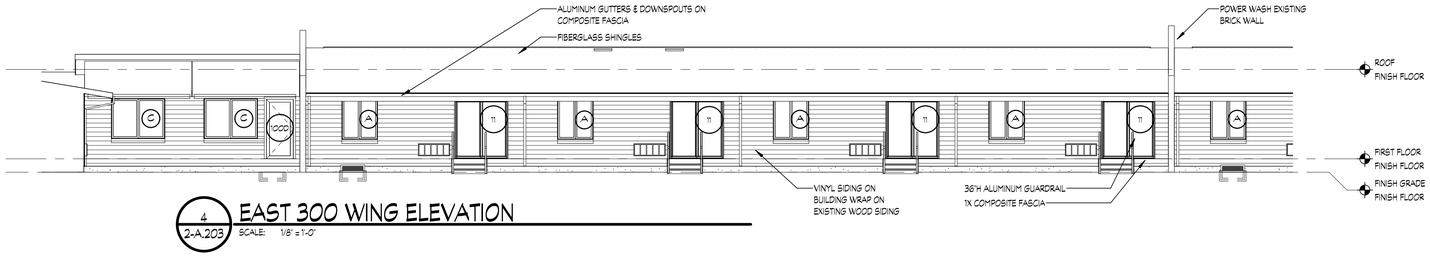
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ELEVATIONS

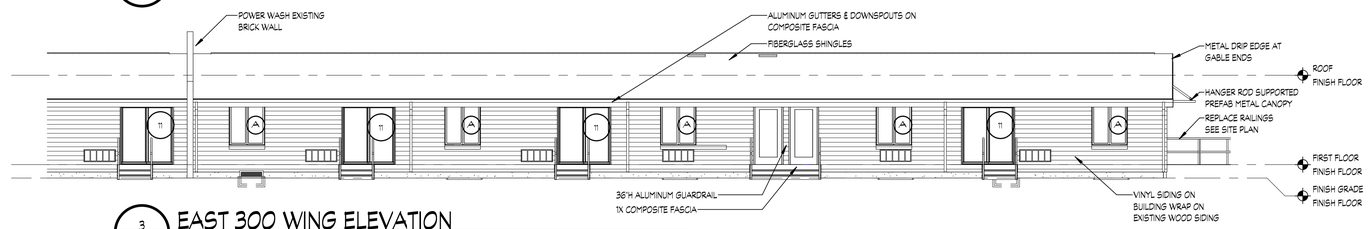
DRAWING NUMBER

2-A.202



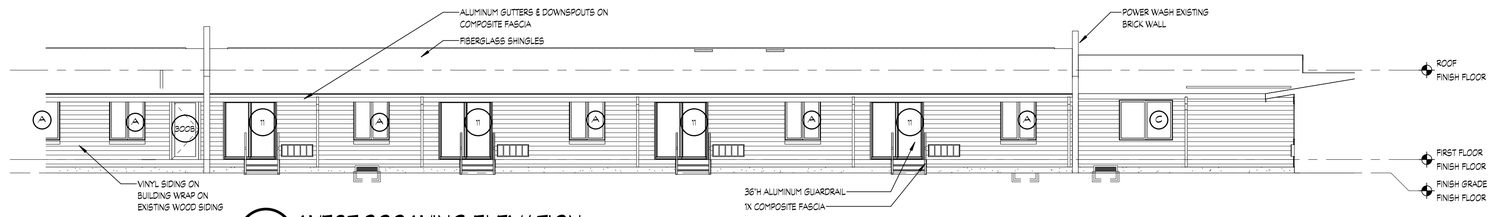
4 / 2-A.203 EAST 300 WING ELEVATION

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



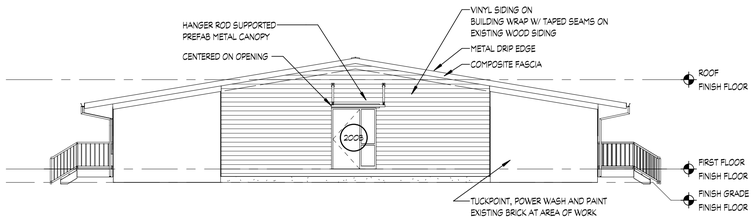
3 / 2-A.203 EAST 300 WING ELEVATION

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



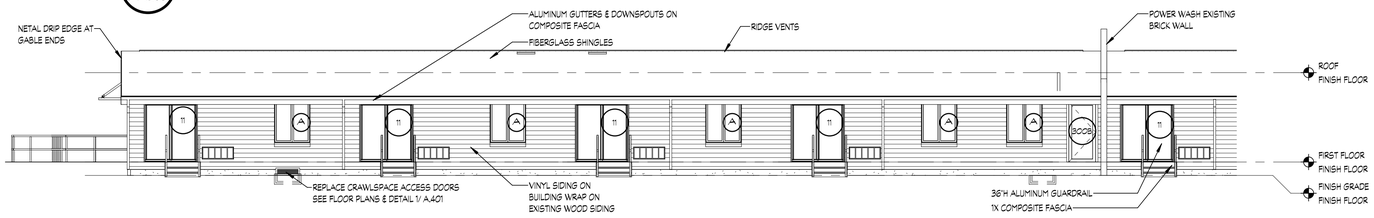
2 / 2-A.203 WEST 300 WING ELEVATION

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



5 / 2-A.203 TYPICAL MODULE END ELEVATION

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



1 / 2-A.203 WEST 300 WING ELEVATION

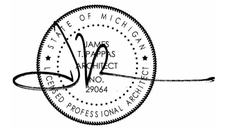
SCALE: 1/8" = 1'-0"

FSP FUSCO, SHAFFER & PAPPAS, INC.
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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.25	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ELEVATIONS

DRAWING NUMBER

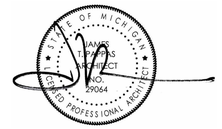
2-A.203

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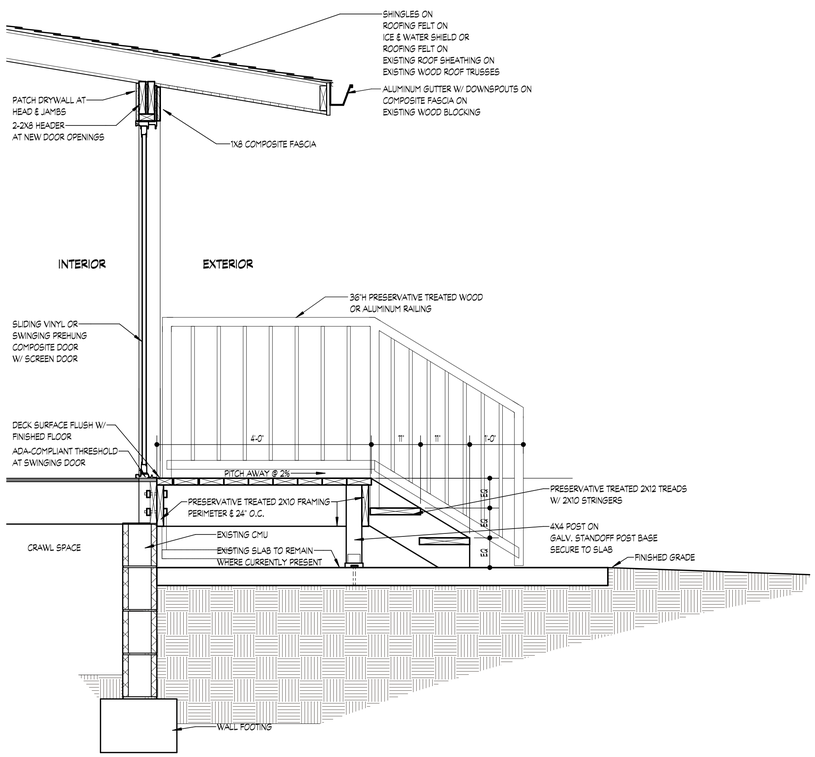
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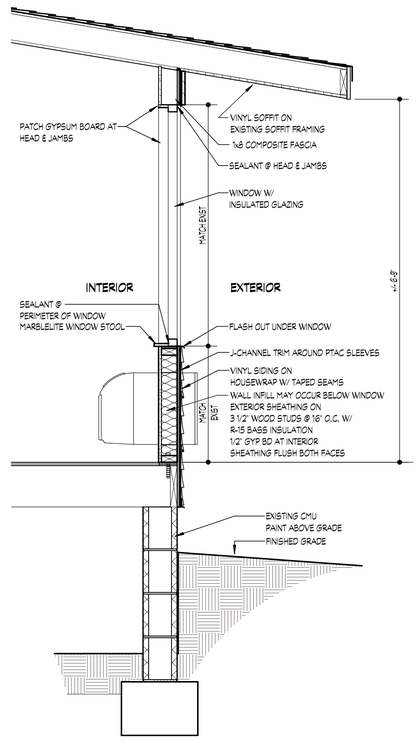


PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

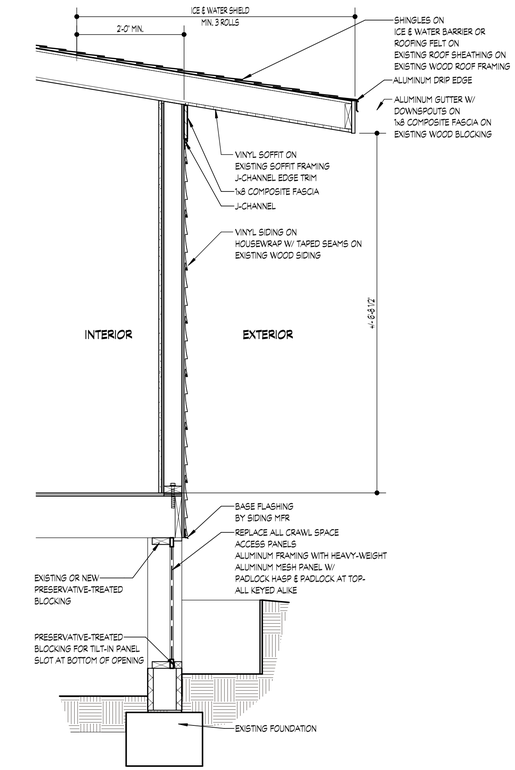
WESTLAND MICHIGAN



3 / 2-A.401 WALL SECTION AT DECK
SCALE: 3/4" = 1'-0"



2 / 2-A.401 WALL SECTION AT WINDOW
SCALE: 3/4" = 1'-0"



1 / 2-A.401 WALL SECTION
SCALE: 3/4" = 1'-0"

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WALL SECTIONS

DRAWING NUMBER

2-A.401

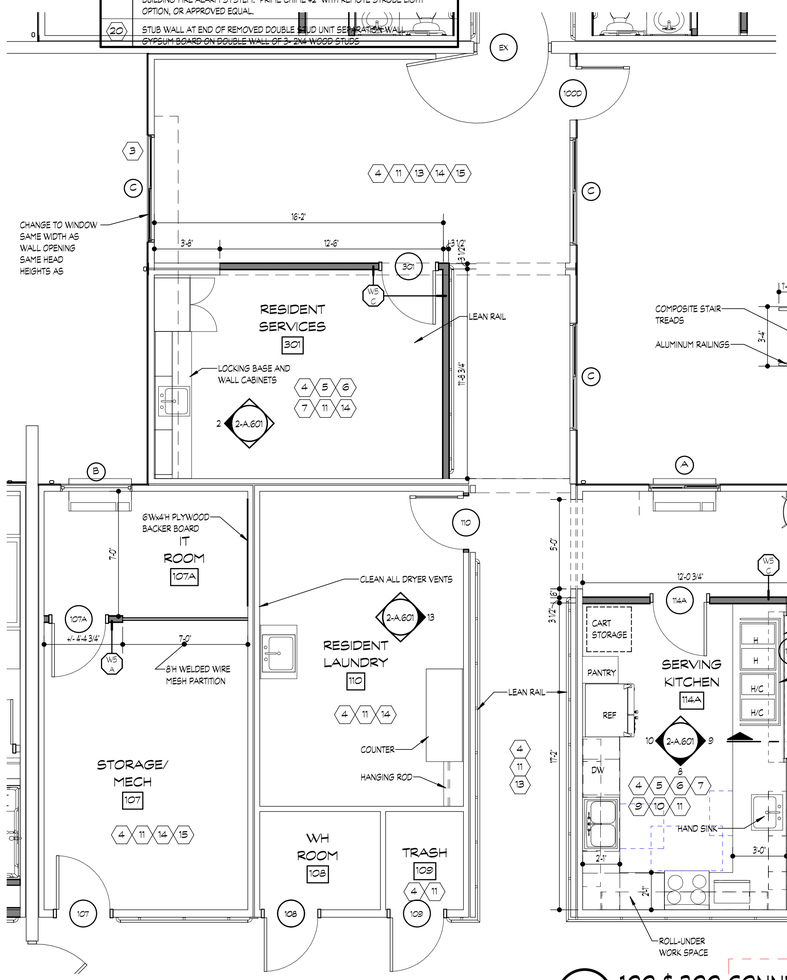
KEY NOTES:

1	PROVIDE AND INSTALL NEW ENTRY DOOR AND FRAME, IN EXISTING OR NEW WALL OPENING
2	PROVIDE AND INSTALL NEW SLIDING OR SWINGING PATIO DOOR IN EXISTING OR NEW WALL OPENING
3	INFILL OPENING AT DEMOLISHED WINDOW, SLIDING DOOR, OR PTAC OPENING SHEATHING FLUSH BOTH FACES
4	PATCH, REPAIR AND PREPARE SURFACE FOR FLOORING AND BASE. INSTALL FLOORING IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS. REFER TO A.701 FOR FINISHES
5	PROVIDE AND INSTALL NEW BASE AND WALL CABINETS. PROVIDE AND INSTALL BLOCKING, PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
6	PROVIDE AND INSTALL NEW COUNTERTOPS AND BACK AND SIDE SPLASHES. PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
7	PROVIDE AND INSTALL NEW SINK, FAUCET, DISPOSAL (KITCHEN)/DRAIN, SHUT-OFF VALVES AND ALL RELATED ACCESSORIES. RECONNECT WATER, SANITARY AND ELECTRIC. SEE PLUMBING DRAWINGS.
8	PROVIDE AND INSTALL NEW TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER AS INDICATED.
9	PROVIDE AND INSTALL NEW RANGE, RECIRCULATING RANGE HOOD W/ FIRE SUPRESSION CANISTERS, GREASE SHIELD, AND REFRIGERATOR
10	INSTALL NEW DISHWASHER. WATER, SANITARY AND ELECTRIC.
11	PATCH GAP BETWEEN WALL AND CEILING WHERE IT OCCURS. REPAIR, APPLY SEALANT AT JOINT, AND PAINT WALLS AND CEILING.
12	PROVIDE AND INSTALL NEW MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	INSTALL WALL-MOUNT HANDRAIL, BOTH SIDES OF CORRIDOR. TOP OF HANDRAIL TO BE 34" A.F.F.
14	REMOVE TEXTURED CEILING. PATCH, PRIME AND PAINT CEILING.
15	INSTALL SOLID SURFACE WINDOW STOOLS AT ALL REPLACED OR NEW WINDOWS.
16	PATCH HEAD, JAMB AND SILL AT REPLACED OR NEW WINDOW OR DOOR. TOUCH UP PAINT.
17	EXISTING CRAWLSPACE ACCESS DOOR. CLEAN OUT EXISTING WELL, REMOVE EXISTING ACCESS DOOR, AND REPLACE WITH NEW VENTED ACCESS PANEL WITH PADLOCK. TYPICAL ALL ACCESS DOORS AT AREA OF WORK. SEE DETAIL 1 ON A.401.
18	CLEAN AND PAINT EXISTING FIRE DOORS TO REMAIN, BOTH SIDES.
19	DOORBELL WITH STROBE AT HEARING & VISUALLY IMPAIRED UNIT, TIED IN TO BUILDING FIRE ALARM SYSTEM. "PRIME CHIME +2" WITH REMOTE STROBE LIGHT OPTION, OR APPROVED EQUAL.
20	STUB WALL AT END OF REMOVED DOUBLE SLID UNIT SEPARATION WALL. GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

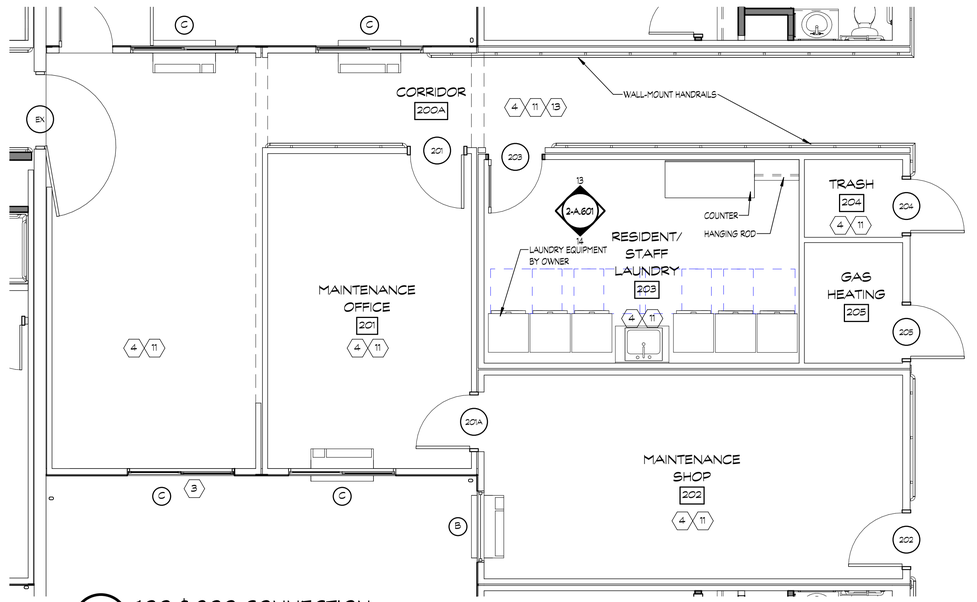
WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.



1 2-A.501 100 & 300 CONNECTION
SCALE: 1/4" = 1'-0"



2 2-A.501 100 & 200 CONNECTION
SCALE: 1/4" = 1'-0"

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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SEAL

STATE OF MICHIGAN
TAMARA THOMAS
REGISTERED
NO. 29064
REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

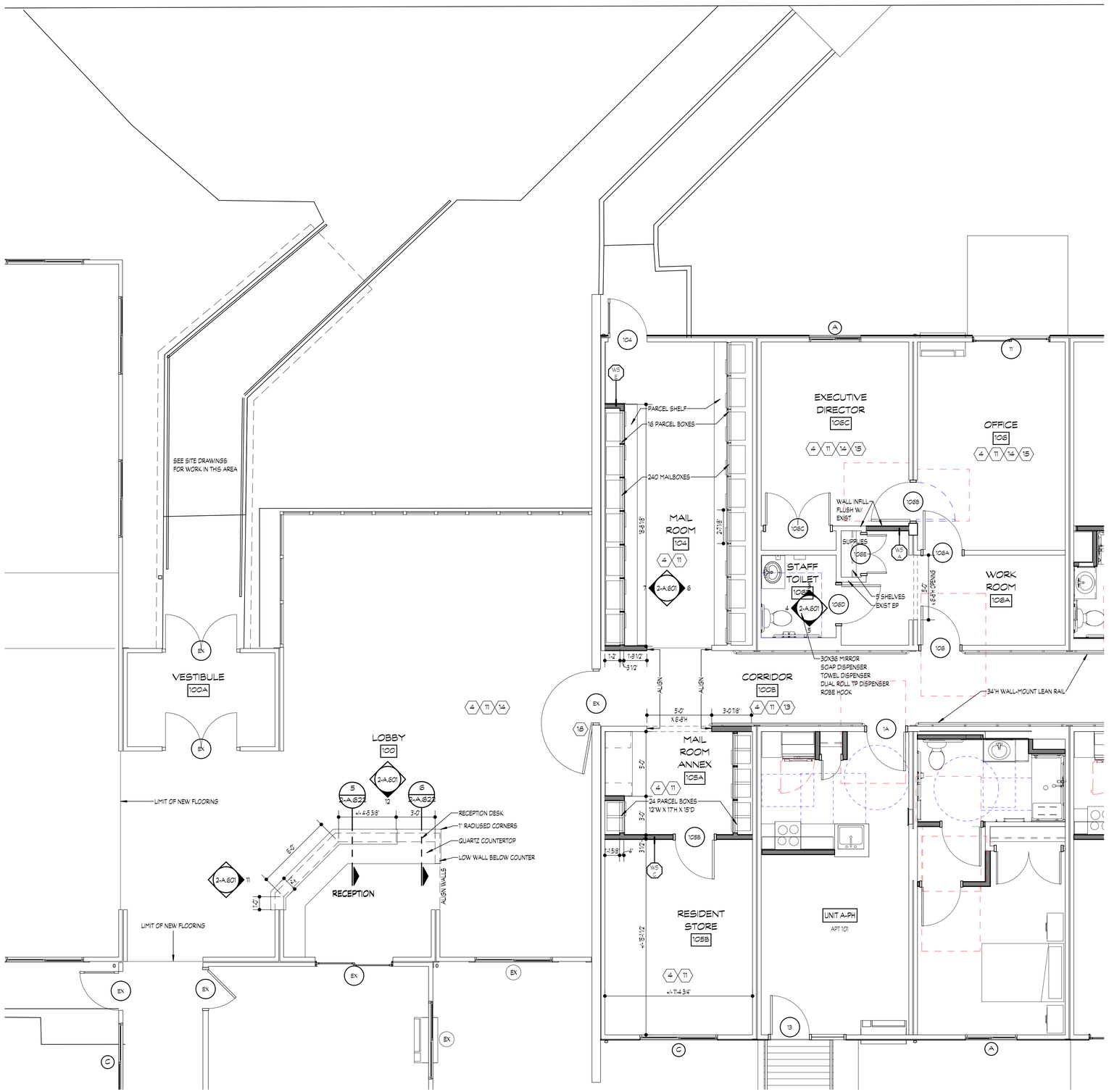
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ENLARGED PLANS

DRAWING NUMBER

2-A.501



1 / 2-A.502 LOBBY/ MAIL ROOM/ OFFICE

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

GENERAL PLAN NOTES:

1. ALL DIMENSIONS ARE TO FACE OF STUDS, CENTERLINE OF OPENINGS FOR DOORS AND WINDOWS, FACE OF BRICK OR FACE OF SHEATHING, AND FACE OF FINISHED WALL AT EXISTING CONSTRUCTION.
2. USE 5/8" GYPSUM BOARD AT ALL NEW , AND AT NEW UNIT DEMISING AND CORRIDOR WALLS. USE 1/2" GYPSUM BOARD AT UNIT INTERIOR WALLS AND AT WALL INFILLS AND EXTENSIONS, WHERE EXISTING IS 1/2"
3. PROVIDE AND INSTALL SEALANT AT INTERSECTION OF ALL GYPSUM BOARD PARTITIONS AND MASONRY WALLS, (BOTH SIDES OF PARTITIONS).
4. VERIFY SIZE AND LOCATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, PADS, PENETRATIONS AND SUPPORTS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
5. PLANS INDICATE MINIMUM REQUIREMENTS FOR FIRE EXTINGUISHERS, PROVIDE ADDITIONAL EXTINGUISHERS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
6. SEE SHEET A701 FOR ROOM FINISH AND WINDOW SCHEDULES.
7. SEE SHEET A711 FOR DOOR SCHEDULE.
8. SEE SHEET A721 FOR WALL TYPES AND RATED ASSEMBLIES.
9. SEE SHEET A801 FOR REFLECTED CEILING PLANS.
10. SEAL ALL WALL, FLOOR, AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS TO PREVENT PEST ENTRY.
11. PAINT EXISTING DOORS TO REMAIN WITH A PAINTED FINISH WITH A FINISH THAT ARE TO REMAIN, INCLUDING FIRE WALL DOORS. DO NOT PAINT RATING LABELS OR HARDWARE. DO NOT PAINT UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH.
12. REMOVE ALL WALLCOVERINGS & BORDERS AT ALL AREAS OF WORK THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH, WHETHER INDICATED IN KEY NOTE OR NOT.
13. REMOVE APPLIED TEXTURED CEILING TREATMENT AT ALL CEILINGS THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH.
14. PAINT ALL DOOR FRAMES THAT ARE TO REMAIN AT THE AREA OF WORK.
15. REPAIR AND TOUCH UP FINISH AT ALL UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH THAT ARE TO REMAIN.

WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

KEY NOTES:

1	PROVIDE AND INSTALL NEW ENTRY DOOR AND FRAME, IN EXISTING OR NEW WALL OPENING
2	PROVIDE AND INSTALL NEW SLIDING OR SWINGING PATIO DOOR IN EXISTING OR NEW WALL OPENING
3	INFILL OPENING AT DEMOLISHED WINDOW, SLIDING DOOR, OR PTAC OPENING SHEATHING FLUSH BOTH FACES
4	PATCH, REPAIR AND PREPARE SURFACE FOR FLOORING AND BASE. INSTALL FLOORING IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS. REFER TO A.701 FOR FINISHES
5	PROVIDE AND INSTALL NEW BASE AND WALL CABINETS. PROVIDE AND INSTALL BLOCKING, PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
6	PROVIDE AND INSTALL NEW COUNTERTOPS AND BACK AND SIDE SPLASHES. PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
7	PROVIDE AND INSTALL NEW SINK, FAUCET, DISPOSAL (KITCHEN) DRAIN, SHUT-OFF VALVES AND ALL RELATED ACCESSORIES. RECONNECT WATER, SANITARY AND ELECTRIC. SEE PLUMBING DRAWINGS.
8	PROVIDE AND INSTALL NEW TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER AS INDICATED.
9	PROVIDE AND INSTALL NEW RANGE, RECIRCULATING RANGE HOOD W/ FIRE SUPPRESSION CANISTERS, GREASE SHIELD, AND REFRIGERATOR
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11	PATCH GAP BETWEEN WALL AND CEILING WHERE IT OCCURS. REPAIR, APPLY SEALANT AT JOINT, AND PAINT WALLS AND CEILING.
12	PROVIDE AND INSTALL NEW MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	INSTALL WALL-MOUNT HANDRAIL, BOTH SIDES OF CORRIDOR. TOP OF HANDRAIL TO BE 34" A.F.F.
14	REMOVE TEXTURED CEILING. PATCH, PRIME AND PAINT CEILING.
15	INSTALL SOLID SURFACE WINDOW STOOLS AT ALL REPLACED OR NEW WINDOWS.
16	PATCH HEAD, JAMB AND SILL AT REPLACED OR NEW WINDOW OR DOOR. TOUCH UP PAINT.
17	EXISTING CRAWLSPACE ACCESS DOOR. CLEAN OUT EXISTING WELL. REMOVE EXISTING ACCESS DOOR, AND REPLACE WITH NEW VENTED ACCESS PANEL WITH PADLOCK. TYPICAL ALL ACCESS DOORS AT AREA OF WORK. SEE DETAIL 1 ON A.401.
18	CLEAN AND PAINT EXISTING FIRE DOORS TO REMAIN. BOTH SIDES.
19	DOORBELL WITH STROBE AT HEARING & VISUALLY IMPAIRED UNIT, TIED IN TO BUILDING FIRE ALARM SYSTEM. "PRIME CHIME +2" WITH REMOTE STROBE LIGHT OPTION, OR APPROVED EQUAL.
20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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SEAL

STATE OF MICHIGAN
JAMES T. PAPPAS
REGISTERED
NO. 29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

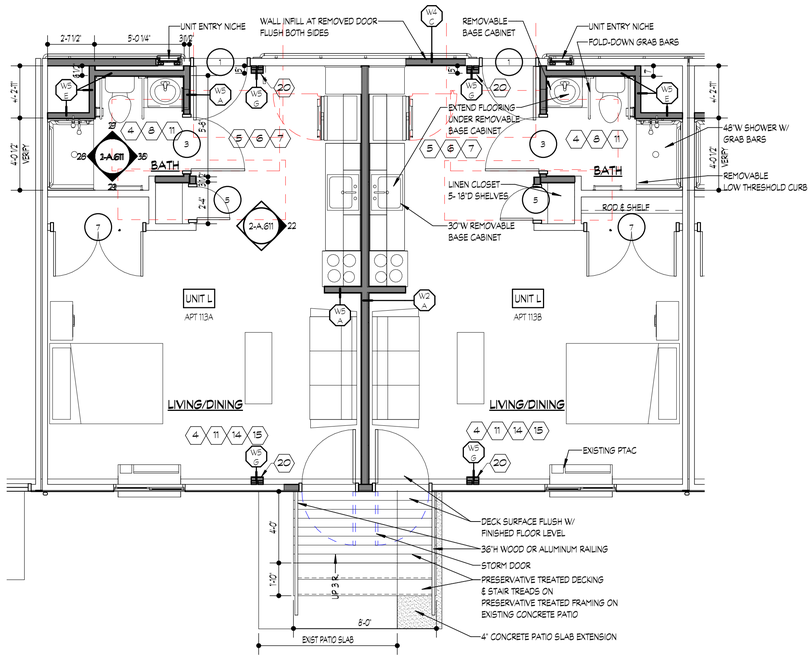
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

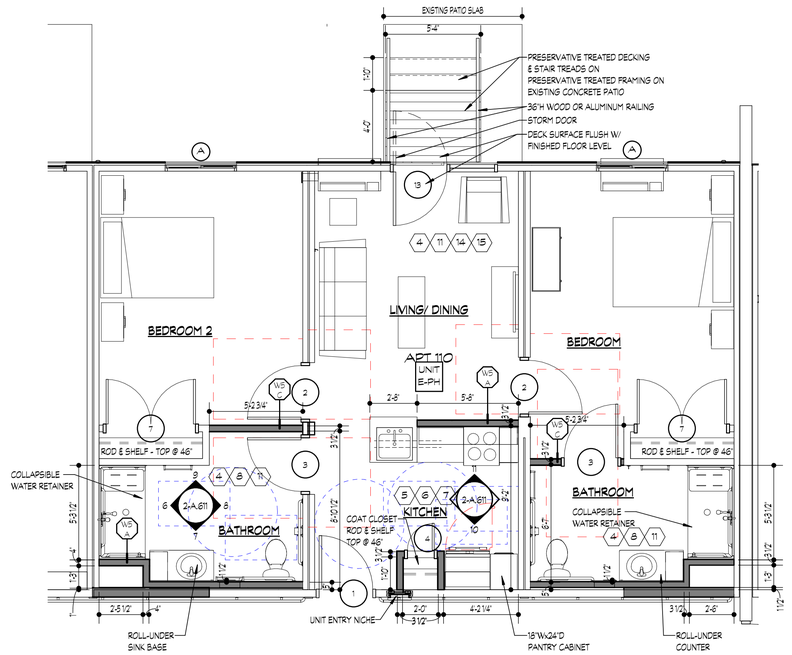
ENLARGED PLANS

DRAWING NUMBER

2-A.502



5 / 2-A.511 UNIT L - STUDIOS CONVERSION FROM 2 BR UNIT
SCALE: 1/4" = 1'-0"

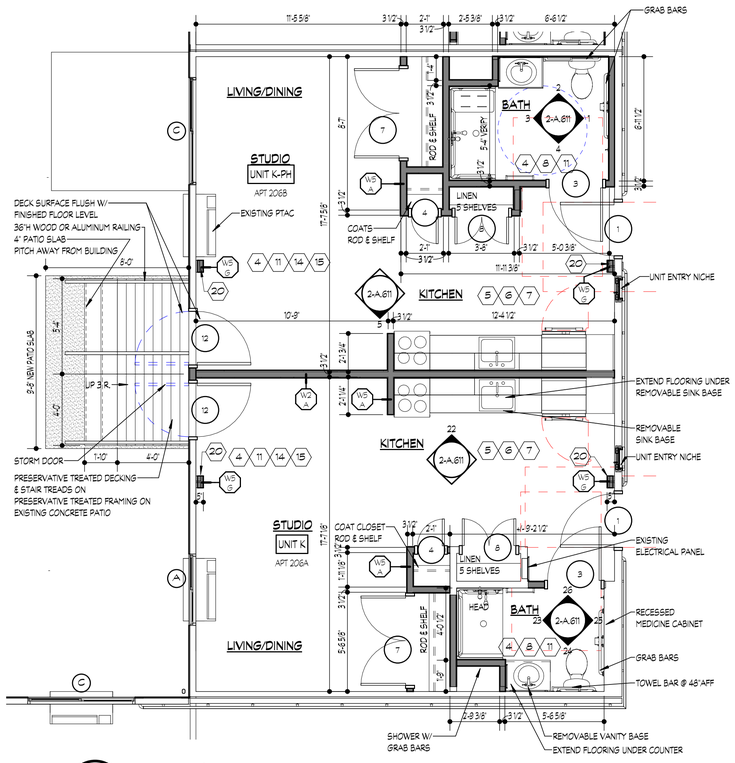


4 / 2-A.511 UNIT E-PH - 2 BDRM HANDICAPPED
SCALE: 1/4" = 1'-0"

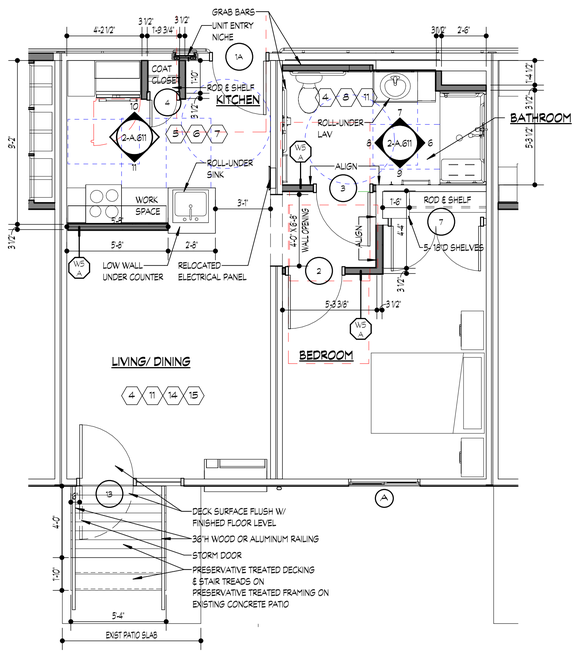
KEY NOTES:	
1	PROVIDE AND INSTALL NEW ENTRY DOOR AND FRAME, IN EXISTING OR NEW WALL OPENING
2	PROVIDE AND INSTALL NEW SLIDING OR SWINGING PATIO DOOR IN EXISTING OR NEW WALL OPENING
3	INFILL OPENING AT DEMOLISHED WINDOW, SLIDING DOOR, OR PTAC OPENING SHEATHING FLUSH BOTH FACES
4	PATCH, REPAIR AND PREPARE SURFACE FOR FLOORING AND BASE. INSTALL FLOORING IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS. REFER TO A.701 FOR FINISHES
5	PROVIDE AND INSTALL NEW BASE AND WALL CABINETS. PROVIDE AND INSTALL BLOCKING, PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
6	PROVIDE AND INSTALL NEW COUNTERTOPS AND BACK AND SIDE SPLASHES. PATCH AND REPAIR GYPSUM BOARD DAMAGED DURING INSTALLATION.
7	PROVIDE AND INSTALL NEW SINK, FAUCET, DISPOSAL (KITCHEN)/DRAIN, SHUT-OFF VALVES AND ALL RELATED ACCESSORIES. RECONNECT WATER, SANITARY AND ELECTRIC. SEE PLUMBING DRAWINGS.
8	PROVIDE AND INSTALL NEW TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER AS INDICATED.
9	PROVIDE AND INSTALL NEW RANGE, RECIRCULATING RANGE HOOD W/ FIRE SUPRESSION CANISTERS, GREASE SHIELD, AND REFRIGERATOR
10	INSTALL NEW DISHWASHER. WATER, SANITARY AND ELECTRIC.
11	PATCH GAP BETWEEN WALL AND CEILING WHERE IT OCCURS. REPAIR, APPLY SEALANT AT JOINT, AND PAINT WALLS AND CEILING.
12	PROVIDE AND INSTALL NEW MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	INSTALL WALL-MOUNT HANDRAIL, BOTH SIDES OF CORRIDOR. TOP OF HANDRAIL TO BE 34" A.F.F.
14	REMOVE TEXTURED CEILING. PATCH, PRIME AND PAINT CEILING.
15	INSTALL SOLID SURFACE WINDOW STOOLS AT ALL REPLACED OR NEW WINDOWS.
16	PATCH HEAD, JAMB AND SILL AT REPLACED OR NEW WINDOW OR DOOR. TOUCH UP PAINT.
17	EXISTING CRAWLSPACE ACCESS DOOR. CLEAN OUT EXISTING WELL. REMOVE EXISTING ACCESS DOOR, AND REPLACE WITH NEW VENTED ACCESS PANEL WITH PADLOCK. TYPICAL ALL ACCESS DOORS AT AREA OF WORK. SEE DETAIL 1 ON A.401.
18	CLEAN AND PAINT EXISTING FIRE DOORS TO REMAIN, BOTH SIDES.
19	DOORBELL WITH STROBE AT HEARING & VISUALLY IMPAIRED UNIT. TIED IN TO BUILDING FIRE ALARM SYSTEM. "PRIME CHIME +2" WITH REMOTE STROBE LIGHT BY SILENT KNIGHT/HONEYWELL OR APPROVED EQUAL.
20	EXISTING STUD WALL TO BE REMOVED DOUBLE STUD UNIT SEPARATION WALL TO REMAIN. GYPSUM BOARD ON DOUBLE WALL OF 3- 2"x4" WOOD STUDS.

WALL LEGEND	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

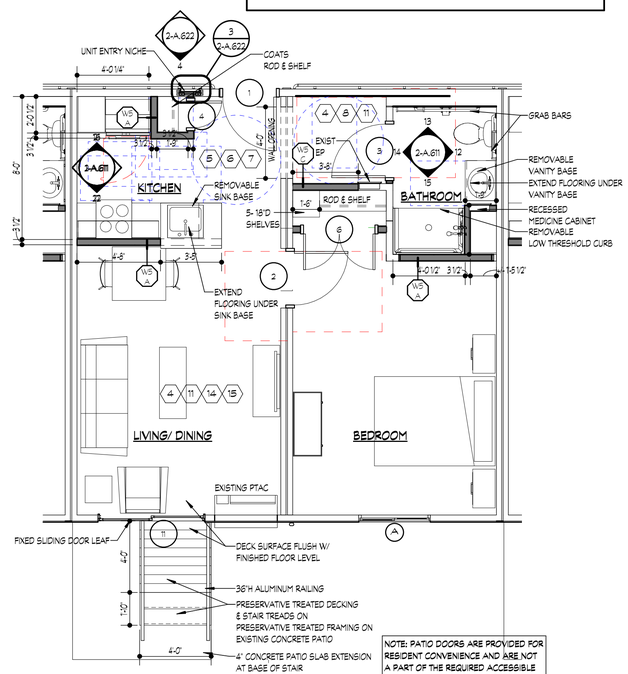
**NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.



3 / 2-A.511 UNIT K & K-PH - STUDIO UNITS CONVERSION FROM 1 BR GREAT ROOM
SCALE: 1/4" = 1'-0"



2 / 2-A.511 UNIT A-PH - 1 BDRM HANDICAPPED
SCALE: 1/4" = 1'-0"



NOTE: PATIO DOORS ARE PROVIDED FOR RESIDENT CONVENIENCE AND ARE NOT A PART OF THE REQUIRED ACCESSIBLE ROUTE TO OR MEANS OF EGRESS FROM APARTMENTS

1 / 2-A.511 UNIT A - 1 BDRM
SCALE: 1/4" = 1'-0"

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SEAL

STATE OF MICHIGAN
LICENSED PROFESSIONAL ARCHITECT
JAMES T. THOMAS
REGISTERED
NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

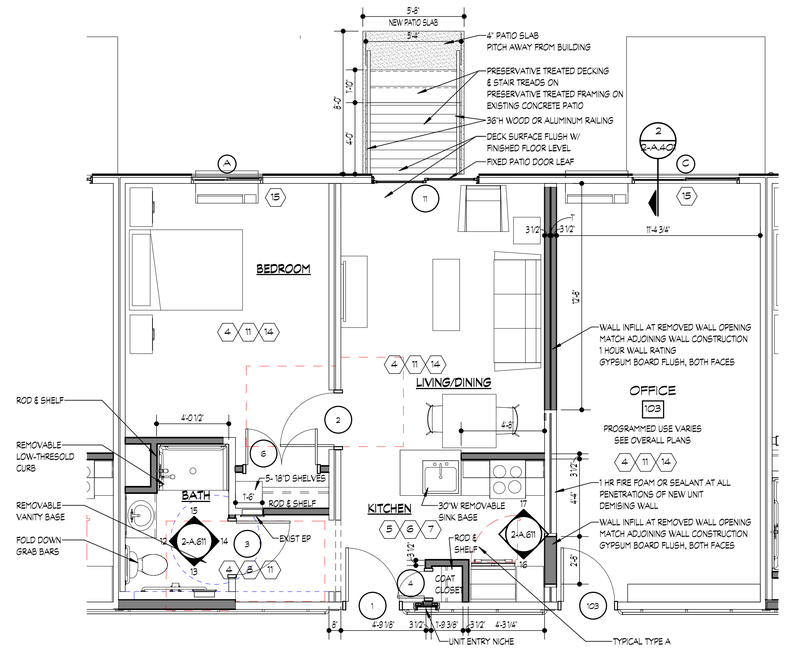
DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM23.072

DRAWING TITLE
UNIT PLANS

DRAWING NUMBER
2-A.511



1 / 2-A.512 UNIT A-1 - 1 BDRM + SUPPORT SPACE

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

GENERAL PLAN NOTES:

1. ALL DIMENSIONS ARE TO FACE OF STUDS, CENTERLINE OF OPENINGS FOR DOORS AND WINDOWS, FACE OF BRICK OR FACE OF SHEATHING, AND FACE OF FINISHED WALL AT EXISTING CONSTRUCTION.
2. USE 5/8" GYPSUM BOARD AT ALL NEW , AND AT NEW UNIT DEMISING AND CORRIDOR WALLS. USE 1/2" GYPSUM BOARD AT UNIT INTERIOR WALLS AND AT WALL INFILLS AND EXTENSIONS, WHERE EXISTING IS 1/2"
3. PROVIDE AND INSTALL SEALANT AT INTERSECTION OF ALL GYPSUM BOARD PARTITIONS AND MASONRY WALLS, (BOTH SIDES OF PARTITIONS).
4. VERIFY SIZE AND LOCATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, PADS, PENETRATIONS AND SUPPORTS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
5. PLANS INDICATE MINIMUM REQUIREMENTS FOR FIRE EXTINGUISHERS. PROVIDE ADDITIONAL EXTINGUISHERS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
6. SEE SHEET A701 FOR ROOM FINISH AND WINDOW SCHEDULES.
7. SEE SHEET A711 FOR DOOR SCHEDULE.
8. SEE SHEET A721 FOR WALL TYPES AND RATED ASSEMBLIES.
9. SEE SHEET A801 FOR REFLECTED CEILING PLANS.
10. SEAL ALL WALL, FLOOR, AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHODS TO PREVENT PEST ENTRY.
11. PAINT EXISTING DOORS TO REMAIN WITH A PAINTED FINISH WITH A FINISH THAT ARE TO REMAIN, INCLUDING FIRE WALL DOORS. DO NOT PAINT RATING LABELS OR HARDWARE. DO NOT PAINT UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH.
12. REMOVE ALL WALLCOVERINGS & BORDERS AT ALL AREAS OF WORK THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH, WHETHER INDICATED IN KEY NOTE OR NOT.
13. REMOVE APPLIED TEXTURED CEILING TREATMENT AT ALL CEILINGS THAT ARE SCHEDULED TO RECEIVE NEW PAINTED FINISH.
14. PAINT ALL DOOR FRAMES THAT ARE TO REMAIN AT THE AREA OF WORK.
15. REPAIR AND TOUCH UP FINISH AT ALL UNIT ENTRY AND OTHER DOORS WITH A WOOD FINISH THAT ARE TO REMAIN.

WALL LEGEND:

EXISTING WALL AND/OR CONSTRUCTION TO REMAIN	
EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
NEW STUD INTERIOR WALL. SEE A.721 FOR WALL TYPE	

*NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO WALL TYPES AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

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20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

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ARCHITECTS AND PLANNERS

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SEAL

STATE OF MICHIGAN
LICENSED PROFESSIONAL ARCHITECT
JAMES T. PAPPAS
LICENSE NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

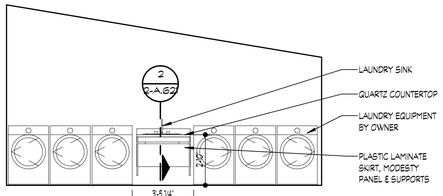
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

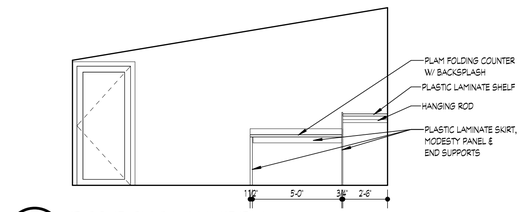
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DRAWING NUMBER

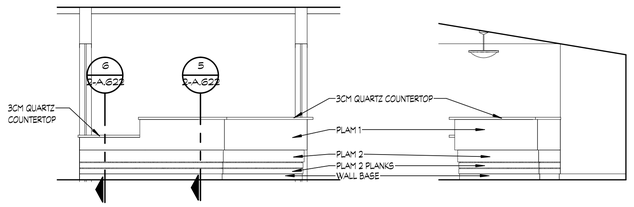
2-A.512



14 2-A.601 RESIDENT LAUNDRY
SCALE: 1/4" = 1'-0"

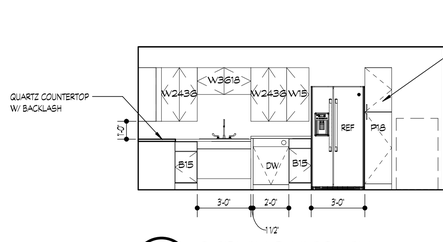


13 2-A.601 RESIDENT LAUNDRY
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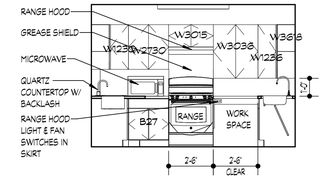
12 2-A.601 RECEPTION DESK
SCALE: 1/4" = 1'-0"

11 2-A.601 RECEPTION DESK
SCALE: 1/4" = 1'-0"

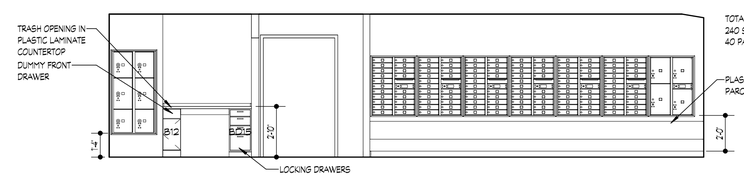


10 2-A.601 SERVING KITCHEN
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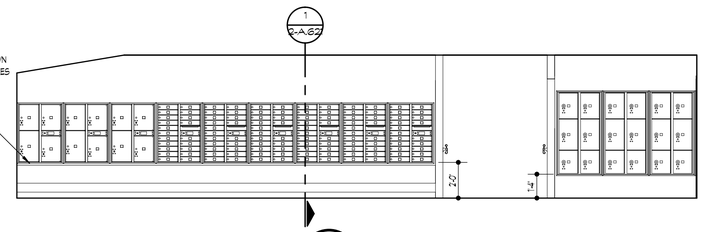
9 2-A.601 SERVING KITCHEN
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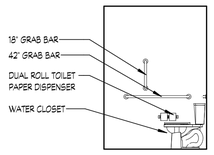
8 2-A.601 SERVING KITCHEN
SCALE: 1/4" = 1'-0"



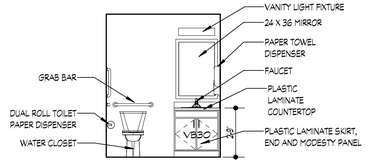
7 2-A.601 MAIL ROOM ELEVATION
SCALE: 1/4" = 1'-0"



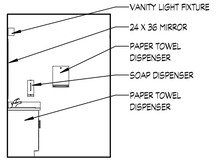
6 2-A.601 MAIL ROOM ELEVATION
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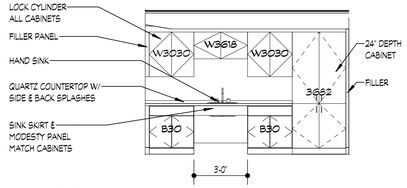
5 2-A.601 106D STAFF TOILET
SCALE: 1/4" = 1'-0"



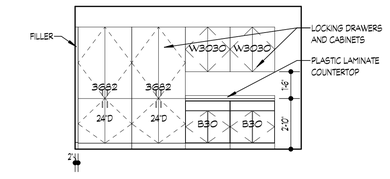
4 2-A.601 106D STAFF TOILET
SCALE: 1/4" = 1'-0"



3 2-A.601 106D STAFF TOILET
SCALE: 1/4" = 1'-0"



2 2-A.601 RESIDENT SERVICES 301
SCALE: 1/4" = 1'-0"



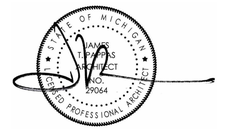
1 2-A.601 ACTIVITY ROOM 116
SCALE: 1/4" = 1'-0"

FSP FUSCO, SHAFFER & PAPPAS, INC.
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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

INTERIOR ELEVATIONS - COMMON AREAS

DRAWING NUMBER

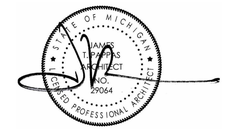
2-A.601

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
08.26.26	UPDATED BIDS
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KEY PLAN

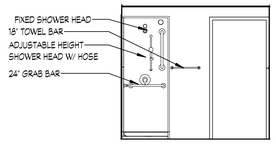
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PVM21.072

DRAWING TITLE

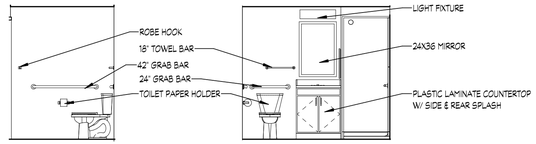
INTERIOR ELEVATIONS - UNITS

DRAWING NUMBER

2-A.611

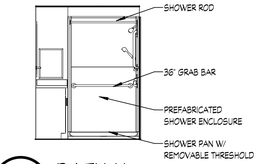


26 / 2-A.611 BATH K
SCALE: 1/4" = 1'-0"

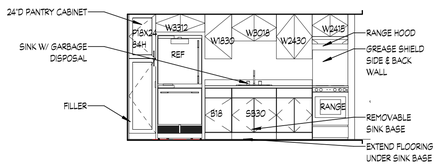


25 / 2-A.611 BATH K
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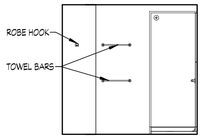
24 / 2-A.611 BATH K
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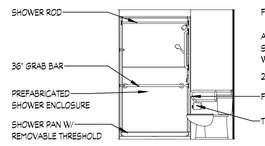
23 / 2-A.611 BATH K
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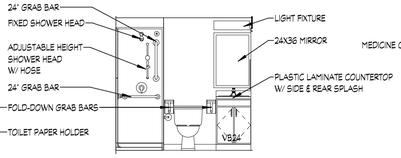
22 / 2-A.611 KITCHEN K & L
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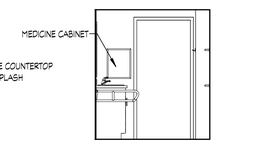
21 / 2-A.611 BATH L
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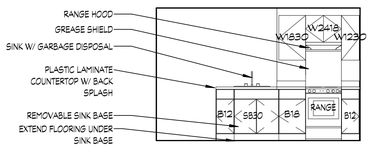
20 / 2-A.611 BATH L
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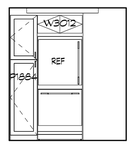
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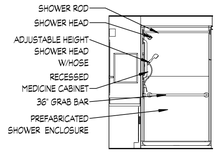
18 / 2-A.611 BATH L
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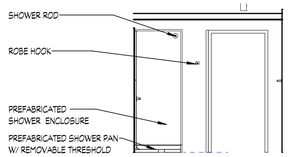
17 / 2-A.611 KITCHEN A
SCALE: 1/4" = 1'-0"



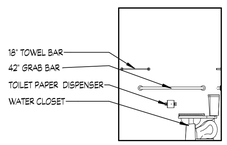
16 / 2-A.611 KITCHEN A
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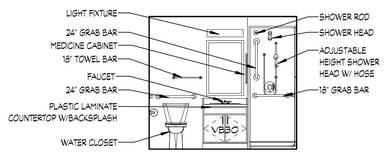
15 / 2-A.611 BATH A
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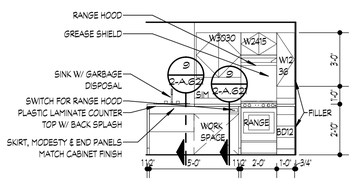
14 / 2-A.611 BATH A
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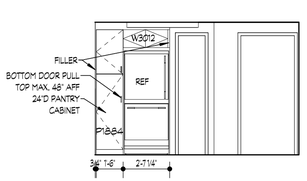
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SCALE: 1/4" = 1'-0"



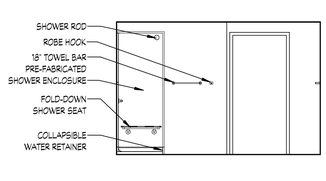
12 / 2-A.611 BATH A
SCALE: 1/4" = 1'-0"



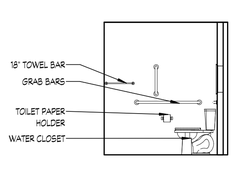
11 / 2-A.611 KITCHEN A-PH & E-PH
SCALE: 1/4" = 1'-0"



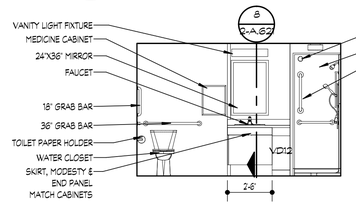
10 / 2-A.611 KITCHEN A-PH & E-PH
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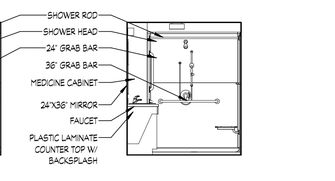
9 / 2-A.611 BATH A-PH & E-PH
SCALE: 1/4" = 1'-0"



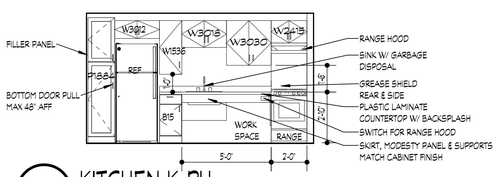
8 / 2-A.611 BATH A-PH & E-PH
SCALE: 1/4" = 1'-0"



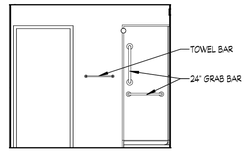
7 / 2-A.611 BATH A-PH & E-PH
SCALE: 1/4" = 1'-0"



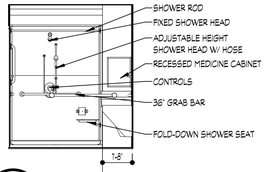
6 / 2-A.611 BATH A-PH & E-PH
SCALE: 1/4" = 1'-0"



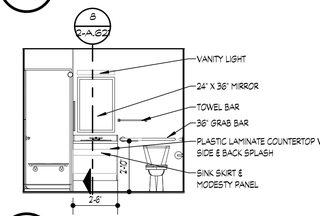
5 / 2-A.611 KITCHEN K-PH
SCALE: 1/4" = 1'-0"



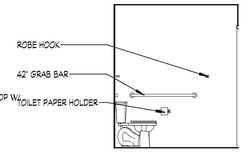
4 / 2-A.611 BATH K-PH
SCALE: 1/4" = 1'-0"



3 / 2-A.611 BATH K-PH
SCALE: 1/4" = 1'-0"



2 / 2-A.611 BATH K-PH
SCALE: 1/4" = 1'-0"



1 / 2-A.611 UNIT K-PH BATH
SCALE: 1/4" = 1'-0"

CASEWORK NOTES:

1. SEE SHEET A.C.003 FOR STANDARD BARRIER FREE MOUNTING HEIGHTS AND DIMENSIONS.
2. PROVIDE AND INSTALL SOLID WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT, CABINETS, FIXTURES AND ACCESSORIES TO ALLOW FOR SOLID MOUNTING.
3. FILLERS ARE REQUIRED TO CLOSE ALL CABINET TO CABINET OR CABINET TO WALL GAPS AND TO PROVIDE FOR CLEARANCES REQUIRED. WHEN FILLERS ARE REQUIRED AT BOTH ENDS OF CASEWORK, BOTH FILLERS MUST BE EQUAL WIDTH.
4. PROVIDE AND INSTALL FULL EXTESION UNDERMOUNT DRAWER GLIDES FOR ALL DRAWERS.
5. ALL CASEWORK EXTERIOR EXPOSED OR SEMI-EXPOSED SURFACES TO BE PLASTIC LAMINATE ON PARTICLE BOARD CORE. CASEWORK EDGES TO RECEIVE PLASTIC LAMINATE EDGING UNLESS NOTED OTHERWISE.

   ALL CASEWORK INTERIOR EXPOSED SURFACES TO BE MELAMINE ON PARTICLE BOARD
6. CORE. DRAWER BOXES ARE TO BE 1/2" MELAMINE. BACKS OF CASEWORK DOORS TO BE PLASTIC LAMINATE TO MATCH EXTERIOR.

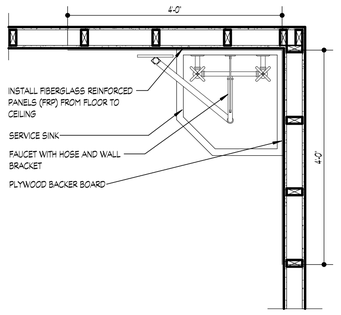
   ALL CASEWORK CABINET DOORS TO HAVE CONCEALED HINGES.
7. ALL CABINETS INDICATED ARE PLASTIC LAMINATED, U.N.O.
8.
9. PROVIDE AND INSTALL FINISHED END/SIDE PANEL ON ALL EXPOSED CABINET ENDS/SIDES.
10. PROVIDE AND INSTALL WALL BRACKET SUPPORTS AT 48" O.C. MAX TO SUPPORT COUNTERTOP AT CONTINUOUS KNEE SPACE UNLESS NOTED OTHERWISE.

    PROVIDE AND INSTALL PLASTIC GROMMETS 2-1/2" INSIDE DIAMETER WITH COVER
11. PLATES AT ALL OPEN COUNTERTOPS. GROMMET HOLE LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ARCHITECT.

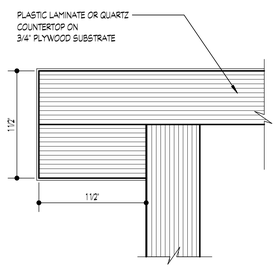
    PROVIDE AND INSTALL ADJUSTABLE SHELVES IN CABINETS AT THE FOLLOWING LOCATIONS UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS:
12. a. BASE CABINET - 1 SHELF
    b. FULL HEIGHT CABINET - 5 SHELVES, 1 FIXED
    c. WALL CABINET - 1 SHELF AT 24" HIGH CABINET
    2 SHELVES AT CABINETS OVER 24" HIGH.
    NOTE: SHELVES TO BE 3/4" THICK FOR SPANS UP TO 32" AND 1" FOR SPANS UP TO 36"

    SEE DETAIL 12/A.621 FOR TYPICAL NOSING AT PLASTIC LAMINATED COUNTERTOPS.
13. ALL COUNTERTOPS WITH EXPOSED CORNERS TO HAVE A 1" RADIUS.

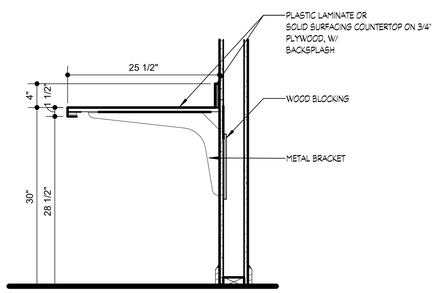
    ALL PLASTIC LAMINATE COUNTERTOPS WITH INSET SINKS SHALL HAVE A
14. WATER-RESISTANT PARTICLE BOARD CORE, WITH ALL CUT EDGES SEALED.
15.



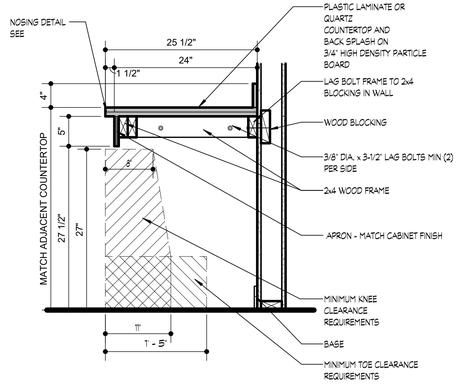
13 / 2-A.621 PARTIAL JANITOR CLOSET
SCALE: 3/4" = 1'-0"



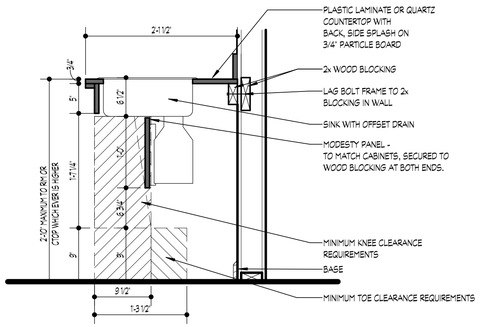
12 / 2-A.621 COUNTERTOP NOSING SECTION
SCALE: 12" = 1'-0"



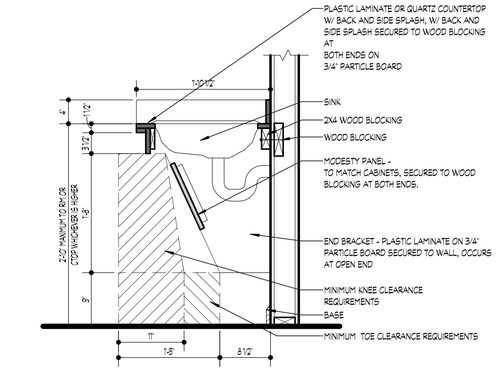
11 / 2-A.621 COUNTER SECTION
SCALE: 1" = 1'-0"



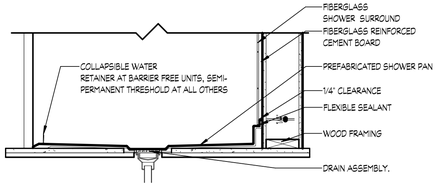
10 / 2-A.621 BARRIER FREE WORKSURFACE
SCALE: 1" = 1'-0"



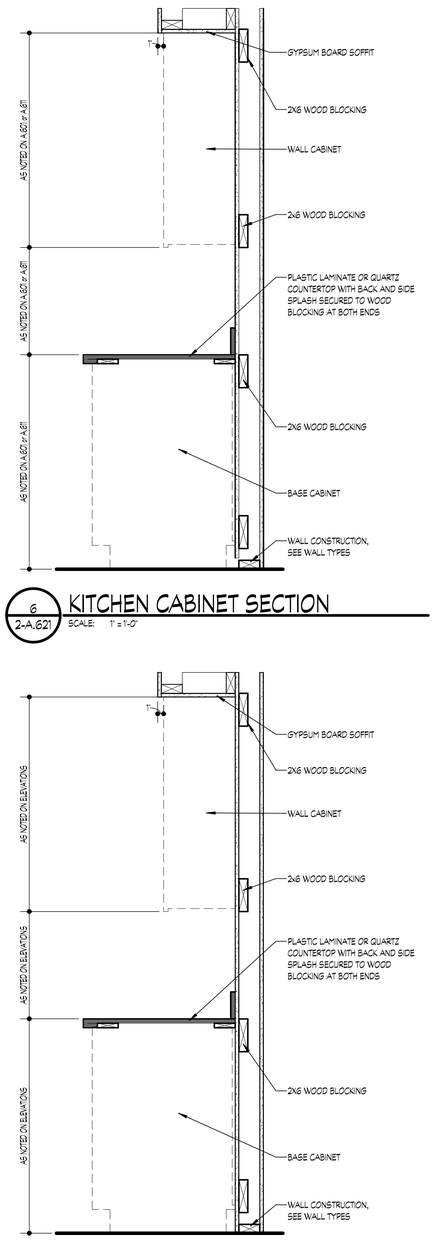
9 / 2-A.621 ACCESSIBLE KITCHEN SINK SECTION
SCALE: 1" = 1'-0"



8 / 2-A.621 ACCESSIBLE LAVATORY SECTION
SCALE: 1" = 1'-0"

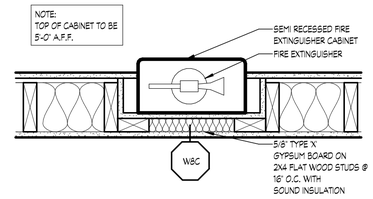


7 / 2-A.621 SHOWER PAN
SCALE: 1" = 1'-0"

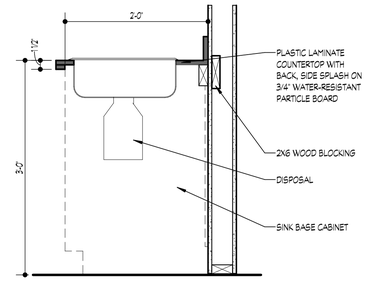


6 / 2-A.621 KITCHEN CABINET SECTION
SCALE: 1" = 1'-0"

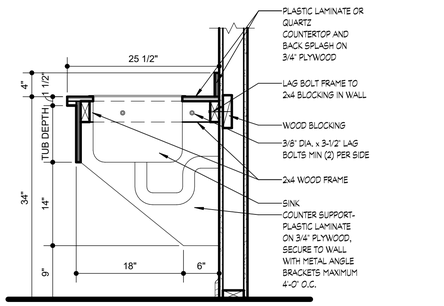
5 / 2-A.621 CASEWORK SECTION
SCALE: 1" = 1'-0"



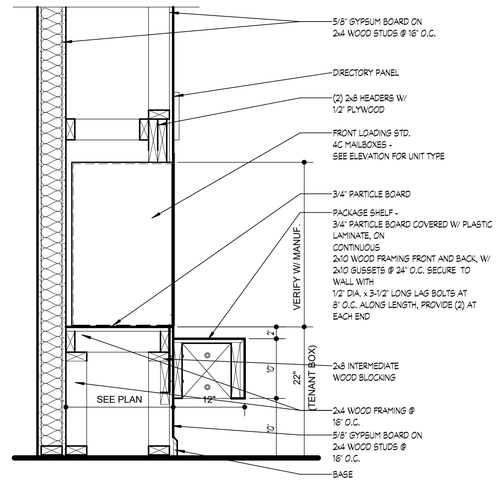
4 / 2-A.621 FIRE EXTINGUISHER CABINET
SCALE: 1 1/2" = 1'-0"



3 / 2-A.621 KITCHEN SINK SECTION
SCALE: 1" = 1'-0"



2 / 2-A.621 LAUNDRY SINK SECTION
SCALE: 1" = 1'-0"

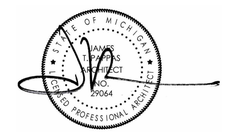


1 / 2-A.621 MAILBOX SECTION
SCALE: 1" = 1'-0"

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

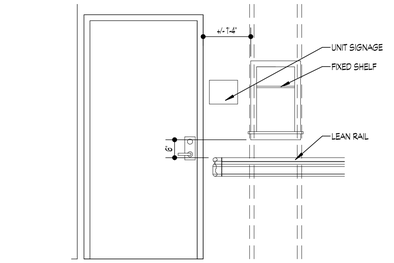
DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

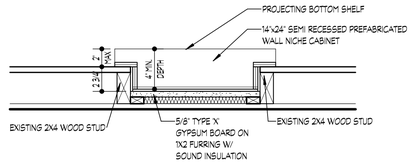
FSP PROJECT NO.
PVM21.072

DRAWING TITLE
INTERIOR DETAILS

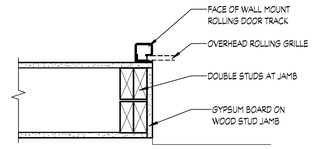
DRAWING NUMBER
2-A.621



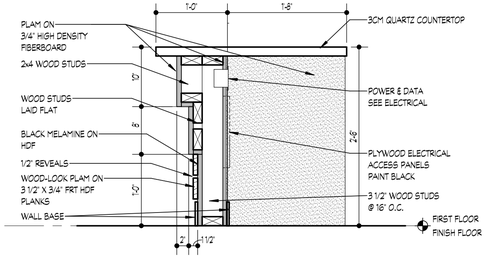
4 / 2-A.622 UNIT ENTRY ELEVATION
SCALE: 1/2" = 1'-0"



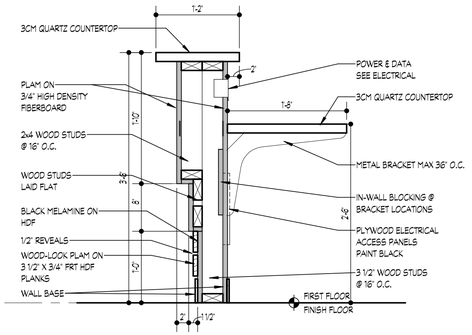
3 / 2-A.622 UNIT ENTRY NICHE
SCALE: 1 1/2" = 1'-0"



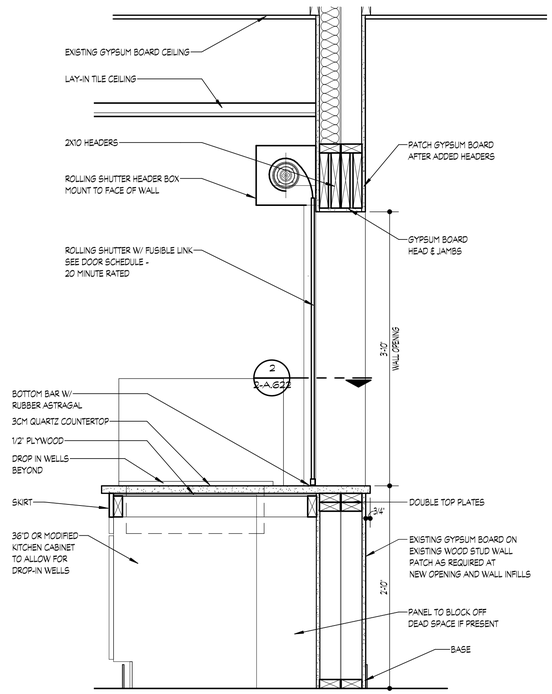
2 / 2-A.622 OVERHEAD ROLLING DOOR JAMB
SCALE: 1 1/2" = 1'-0"



6 / 2-A.622 RECEPTION DESK
SCALE: 1" = 1'-0"



5 / 2-A.622 RECEPTION DESK
SCALE: 1" = 1'-0"



1 / 2-A.622 SERVING KITCHEN COUNTER
SCALE: 1" = 1'-0"

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STATE OF MICHIGAN
JAMES THOMAS SHAFFER
LICENSED PROFESSIONAL ARCHITECT
NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

INTERIOR DETAILS

DRAWING NUMBER

2-A.622

LIST OF STANDARD ABBREVIATIONS

@	AT	CAB.	CABINET		
&	AND	C.B.	CATCH BASIN	DBL.	DOUBLE
A.B.	ANCHOR BOLTS	C/C	CENTER TO CENTER	DIA.	DIAMETER
A.C.T.	ACOUSTIC CEILING TILE	C.U.H.	CABINET UNIT HEATER	DIM.	DIMENSION
ADJ.	ADJUSTABLE	CPT	CARPETING	DN	DOWN
A.F.F.	ABOVE FINISH FLOOR	CLG	CEILING	DR.	DOOR
ALT	ALTERNATE	CLG.HT.	CEILING HEIGHT	D.O.	DOOR OPENING
ALUM.	ALUMINUM	C.J.	CONTROL JOINT	D.S.	DOWNSPOUT
ANOD.	ANODIZED	C.L.	CENTER LINE	DW	DISHWASHER
A.P.	ACCESS PANEL	CLO.	CLOSET	D.F.	DRINKING FOUNTAIN
APT	APARTMENT	C.M.U	CONCRETE MASONRY UNIT	DWG	DRAWING
ARCH.	ARCHITECT, ARCHITECTURAL	CNTR	COUNTER		
A.T.	ACOUSTICAL TILE	C.O.	CLEAN OUT	EA.	EACH
AVG.	AVERAGE	COL.	COLUMN	E.C.	EMERGENCY CALL
		CONC.	CONCRETE	E.F.	EXHAUST FAN
BD	BOARD	CONF.	CONFERENCE	E.J.	EXPANSION JOINT
BIT.	BITUMINOUS	CONN.	CONNECT, CONNECTION	ELEC.	ELECTRIC, ELECTRICAL
BLDG	BUILDING	CONST.	CONSTRUCTION	ELEV.	ELEVATOR
BLK	BLOCK	CONT.	CONTINUE, CONTINUOUS	EP.	EPOXY
BLKG	BLOCKING	CORR.	CORRUGATED	ESP	EGG SHELL PAINT
BLVD	BOULEVARD	C.P.	CONTROL PANEL	EQ.	EQUAL
B.O.F.	BOTTOM OF FOOTING	CPT.	CARPET	EQUIP.	EQUIPMENT
BOT	BOTTOM	C.T.	CERAMIC TILE	E.W.	EACH WAY
BRG	BEARING	CTR	CENTER	EWC	ELECTRIC WATER COOLER
B.R.	BEDROOM	CU.FT.	CUBIC FEET (FOOT)	EXIST. / EX.	EXISTING
BRK	BRICK	CY	CUBIC YARD	EXP.	EXPANSION
BSMT	BASEMENT			EXT.	EXTERIOR
B.T.	BATHTUB				
B.U.R.	BUILT UP ROOFING				
FACP	FIRE ALARM CONTROL PANEL	I.E.	INVERT ELEVATION	N	NORTH
F.D.	FLOOR DRAIN	INCAND.	INCANDESCENT	N.I.C	NOT IN CONTRACT
FDN.	FOUNDATION	INSUL.	INSULATE, INSULATION	NO., #	NUMBER
F.E.	FIRE EXTINGUISHER			NRC	NOISE REDUCTION COEFFICIENT
F.E.C.	FIRE EXTINGUISHER CABINET	J.B.	JUNCTION BOX	N.T.S.	NOT TO SCALE
F/F	FACE TO FACE	J.C.	JANITOR'S CLOSET		
F.H.	FIRE HYDRANT			O.C.	ON CENTER
F.H.C.	FIRE HOSE CABINET	K.	KIP	OPG.	OPENING
FIN.	FINISH, FINISHED	KIT.	KITCHEN	OH.DR.	OVERHEAD DOOR
FIXT.	FIXTURE			O/O	OUT TO OUT
FLR	FLOOR	LAM.	LAMINATE, LAMINATED	OPP.	OPPOSITE
FLUOR.	FLUORESCENT	LAUND.	LAUNDRY	OPP.HD.	OPPOSITE HAND
FP	FLAT PAINT	LAV.	LAVATORY	O.R.S.	OVERFLOW ROOF SUMP
FRP	FIBERGLASS REINFORCED PANEL	L.F.	LINEAR FEET		
F.R.T.	FIRE RETARDANT TREATED	L.L.	LIVE LOAD		
FRZR	FREEZER	L.L.H.	LONG LEG HORIZONTAL	PAN	PANTRY
FT.	FEET, FOOT	L.L.V.	LONG LEG VERTICAL	PART BD.	PARTICLE BOARD
FTG	FOOTING	LP	LIGHTING PANEL	P.C.	PRECAST
FURN	FURNACE	L.P.	LOW POINT	P.C.T.	PORCELAIN CERAMIC TILE
		LTWT.	LIGHTWEIGHT CONCRETE	PERIM.	PERIMETER
GA.	GAUGE	CONC.		PERP.	PERPENDICULAR
GALV.	GALVANIZED	L.V.T.	LUXURY VINYL TILE	PH	PHYSICALLY HANDICAPPED
GYP.	GYPSUM			PL.LAM.	PLASTIC LAMINATE
GYP.BD.	GYPSUM BOARD	MAINT.	MAINTENANCE	PLYWD	PLYWOOD
		MAX.	MAXIMUM	PMF	PREFINISHED METAL FRAME
H.B.	HOSE BIBB	M.H.	MANHOLE	PNL.	PANEL
HDR	HEADER	M.C.	MEDICINE CABINET	PT.	POINT
HGT	HEIGHT	MECH.	MECHANICAL	LBS, #	**POUNDS** PER SQUARE FOOT
H.M.	HOLLOW METAL	MET.	METAL	PSF	
HOR.	HORIZONTAL, HORIZONTALLY	MET.CL.	METAL CLAD	PSI	POUNDS PER SQUARE INCH
H.P.	HIGH POINT	MIN.	MINIMUM	P.R.	POWDER ROOM
HTR	HEATER	MISC.	MISCELLANEOUS	PREFAB.	PREFABRICATED
HTG	HEATING	MLDG	MOLDING	PVMT	PAVEMENT
HYD.	HYDRANT	M.O.	MASONRY OPENING	PVC	POLY VINYL CHLORIDE
		M.T.	METAL TRACK		
QTY.	QUANTITY	SP	SATIN PAINT	UNGD.	UNDERGROUND
Q.T.	QUARRY TILE	SPEC.	SPECIFICATION	UL	UNDERWRITERS LABORATORY
		SPKLR	SPRINKLER	U.N.O.	UNLESS NOTED OTHERWISE
RAD.	RADIUS	SPKR	SPEAKER		
R.A.	RETURN AIR	SS	STAINLESS STEEL		
R.C.	ROOF CONDUCTOR	STC	SOUND TRANSMISSION CLASS	VAN	VANITY
RECPT.	RECEPTACLE	STD	STANDARD	V.B.	VINYL BASE
REF	REFRIGERATOR	STL	STEEL	VCT	VINYL COMPOSITION TILE
REINF.	REINFORCING	STL.PL.	STEEL PLATE	VERT.	VERTICAL, VERTICALLY
RESIL.	RESILIENT	STOR.	STORAGE	VEST.	VESTIBULE
R.O.	ROUGH OPENING	STRUCT.	STRUCTURAL	VTR	VENT THROUGH ROOF
R.O.W.	RIGHT OF WAY	S.V.	SHEET VINYL	V.I.F.	VERIFY IN FIELD
R.S.	ROOF SUMP			VIN	VINYL WALL COVERING
				VWC	
SAF.	SPRAYED ACOUSTIC FINISH	T. & B.	TOP & BOTTOM		
SAN.	SANITARY	T/C	TOP OF COVER OR CURB	W/	WITH
SCHED.	SCHEDULE	TEL.	TELEPHONE	W.C.	WATER CLOSET
SECT.	SECTION	T.& G.	TONGUE & GROOVE	W.H.	WATER HEATER
S.F.	SQUARE FEET (FOOT)	THRES.	THRESHOLD	W/D	WASHER/DRYER
SGP	SEMI GLOSS PAINT	THRU	THROUGH	W/O	WITH OUT
SHT	SHEET	T/S.T.O.S	TOP OF STEEL	W.P.	WEATHERPROOF
SHWR	SHOWER	TV	TELEVISION	W.PT.	WORKING POINT
SIM.	SIMILAR	TYP.	TYPICAL	W.W.F.	WELDED WIRE FABRIC

ROOM FINISH SCHEDULE - P2 4%

RM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL MATERIAL	CEILING MATERIAL	CEILING HEIGHT	PAINT / FINISH WALL	PAINT / FINISH CEILING	NOTES
--	LIVING/ DINING	LVT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	KITCHEN	LVT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	BATHROOM	LVT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	BEDROOM	CPT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	BEDROOM 2	CPT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
100	LOBBY	LVT/CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
100A	VESTIBULE	CPT TILE	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
100B	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.	8'-0"	ESP	FP	
100C	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
103	OFFICE	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
104	MAIL ROOM	LVT	MW VINYL	GYP BD.	ACT	VARIES	ESP	FP	A
105A	MAIL ROOM ANNEX	LVT	MW VINYL	GYP BD.	ACT	VARIES	ESP	FP	A
105B	RESIDENT STORE	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
106	OFFICE	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
106A	WORK ROOM	LVT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
106C	EXECUTIVE DIRECTOR	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
106D	STAFF TOILET	LVT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
107	STORAGE/ MECH	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	A
108	WH ROOM	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	A
109	TRASH	LVT	MW VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	A
110	RESIDENT LAUNDRY	LVT	MW VINYL	GYP BD.	ACT		SGP	ESP	A
114	DINING	LVT	MW VINYL	GYP BD.	GYP. BD.		ESP	FP	A
116	ACTIVITIES ROOM	CPT	MW VINYL	GYP BD.	ACT		ESP	FP	A
200A	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
200B	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
201	MAINTENANCE OFFICE	VCT	VINYL	GYP BD.	ACT		ESP	FP	A
202	MAINTENANCE SHOP	VCT	VINYL	GYP BD.	ACT		ESP	FP	A
203	RESIDENT/ STAFF LAUNDRY	LVT	MW VINYL	GYP BD.	ACT		SGP	ESP	A
204	TRASH	LVT	MW VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	A
205	GAS HEATING	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	A
206	ELEC/IT	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	A
207	STORAGE	LVT	MW VINYL	GYP BD.	GYP. BD.		ESP	FP	A
300A	LOUNGE	CPT	MW VINYL	GYP BD.	GYP. BD.		ESP	FP	
300B	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
300C	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
301	RESIDENT SERVICES	LVT	MW VINYL	GYP BD.	ACT		ESP	FP	A

GENERAL INTERIOR NOTES:

1. SEE SHEET A.C.002 FOR STANDARD BARRIER FREE MOUNTING HEIGHTS AND DIMENSIONS.
2. PROVIDE AND INSTALL SOLID WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT, FIXTURES, AND ACCESSORIES TO ALLOW FOR SOLID MOUNTING.
3. FILLERS ARE REQUIRED TO CLOSE ALL CABINET TO CABINET OR CABINET TO WALL GAPS AND TO PROVIDE FOR CLEARANCES REQUIRED. WHEN FILLERS ARE REQUIRED AT BOTH ENDS OF CASEWORK, BOTH FILLERS MUST BE EQUAL WIDTH.
4. REMOVE ALL WALLPAPER AND WALLPAPER BORDER AT SURFACES SCHEDULED TO BE PAINTED.
5. POWER WASH BRICK EXPOSED AT BUILDING INTERIOR AT ROOMS SCHEDULED FOR NEW FINISHES.

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WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ROOM FINISH SCHEDULE

DRAWING NUMBER

2-A.701

DOOR AND HARDWARE GENERAL NOTES

- DOOR OPENING FORCE FOR PUSHING AND PULLING OPEN INTERIOR SWINGING EGRESS DOORS OTHER THAN FIRE DOORS SHALL NOT EXCEED 5 LBS.
- OTHER SWING DOORS AS WELL AS SLIDING DOORS AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO 15 LB FORCE.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM EGRESS SIDE WITHOUT KEY OR SPECIAL KNOWLEDGE.
- ALL DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF WRIST TO OPERATE.
- NO PROTRUDING HARDWARE ON DOOR SURFACE SHALL BE INSTALLED LESS THAN 34" ABOVE FLOOR.
- ALL THRESHOLD MAXIMUM HEIGHTS SHALL NOT EXCEED 1/2 INCH H HEIGHT-WHERE A CHANGE IN ELEVATION AT RAISED THRESHOLDS AND FLOOR LEVELS ARE IN BETWEEN 1/4 INCH AND 1/2 INCH, A BEVEL SHALL BE REQUIRED NOT STEEPER THAN 1 UNIT VERTICAL AND 2 UNITS HORIZONTAL
- SEE SCHEDULE FOR DOOR UNDERCUT IN AREAS WITHOUT HVAC RETURN, REFER TO MECHANICAL DRAWINGS. DO NOT UNDER CUT FIRE RATED DOORS.
- G.C. TO CONFIRM HAND OF ALL DOORS.
- WEATHERSTRIPPING ON ALL EXTERIOR DOORS.
- EXTERIOR HOLLOW METAL DOOR FRAMES TO BE GALVANIZED.
- GC TO VERIFY ALL HOLLOW METAL THROAT OPENING (WALL THICKNESS), PRIOR TO ORDERING FRAMES.
- EXTERIOR FLASHING AND SEALING AT DOORS SHALL BE LIQUID FLASH.
- PAINT ALL EXISTING DOOR FRAMES TO REMAIN AT WORK AREA. MATCH ADJOINING NEW DOOR FRAMES.

GLAZING NOTES

A. GLAZING AT ALL EXTERIOR DOORS, SIDELITES AND FIXED LITES MUST BE INSULATED SAFETY GLAZING.
B. INTERIOR GLAZING AT ALL FIRE RATED DOORS, SIDELITES AND FIXED LITES MUST BE FIRE RATED SAFETY GLAZING. (DO NOT USE WIRE GLASS).
C. INTERIOR GLAZING AT ALL NON-RATED DOORS, SIDELITES AND FIXED LITES MUST BE SAFETY GLAZING.

DOOR SCHEDULE KEY NOTES:

1. VINYL SLIDING DOOR, WITH INSULATED GLAZING. HARDWARE BY DOOR MANUFACTURER
2. FIBERGLASS SWINGING DOOR WITH FIXED SECOND LEAF, TO FIT EXISTING WALL OPENING. SEPARATE OUTSWINGING ALUMINUM STORM/ SCREEN DOOR W/ HARDWARE BY DOOR MANUFACTURER- SEE SPEC ON THIS SHEET. ADA-COMPLIANT THRESHOLD.
3. DOOR WITH AUTOMATIC OPERATOR. WALL-MOUNT DOOR ACTUATORS, BOX RECESSED IN WALL.
4. DOOR WITH ACCESS CONTROL. ELECTRIC STRIKE & JUNCTION BOX FOR OWNER'S ACCESS CONTROL CONTRACTOR.
5. FIBERGLASS SWINGING DOOR. SEPARATE OUTSWINGING ALUMINUM STORM/ SCREEN DOOR W/ HARDWARE BY DOOR MANUFACTURER- SEE SPEC ON THIS SHEET. ADA-COMPLIANT THRESHOLD.
6. PREFINISHED POWDER COATED ROLLING METAL DOOR. PULL CHAIN OPERATION, SLIDE LOCKS AT SECURE SIDE. TRACKS AND HARDWARE BY MANUFACTURER.

WINDOW SCHEDULE

`	WIDTH	HEIGHT	DESCRIPTION	GLAZING TYPE	KEYED NOTES
A	4'-0"	4'-6"	HORIZONTAL SLIDING VINYL	INSULATED	
B	4'-0"	4'-0"	HORIZONTAL SLIDING VINYL	INSULATED	
C	6'-0"	4'-6"	HORIZONTAL SLIDING VINYL	INSULATED	
D	2'-0"	4'-6"	CASEMENT	INSULATED	

UNIT STORM DOOR SPECIFICATION

BASIS OF DESIGN:
WEATHERPROOF INC. (517-764-1330), JACKSON, MICHIGAN
'WEATHERPROOF STORM DOOR'
SIZE TO FIT EXISTING DOOR OPENING

FRAME MEMBERS: 6063-T5 EXTRUDED ALUMINUM ALLOY. WALL THICKNESS NO LESS THAN .050". THE FRAME IS ASSEMBLED WITH MITERED CORNERS. EACH CORNER HELD TOGETHER BY A STEEL GUSSET CORNER WITH #10 X 1/2" PHILLIPS PAN HEAD SHEET METAL, ZINC COATED SCREWS.

SASH INSERTS: 6063-T5 EXTRUDED ALUMINUM ALLOY. WALL THICKNESS NO LESS THAN .050". DESIGNATED TO USE DROP IN GLAZING. A PILE WEATHERSTRIP IS USED TO CREATE A POSITIVE SEAL AGAINST WIND, RAIN AND INSECTS. ALL STANDARD COMBINATION DOORS WILL BE GLAZED WITH A TEMPERED GLASS. ALL NON STANDARD SIZES WILL BE FURNISHED WITH .100 ACRYLIC OR ARE AVAILABLE NON GLAZED.

SCREEN INSERTS: 6063-T5 EXTRUDED ALUMINUM ALLOY. WALL THICKNESS NO LESS THAN .050". DESIGNED TO .150" SPLINE AND ALUMINUM SCREEN WIRE OF 18 X 14 MESH.

HARDWARE: ALL SASH AND SCREEN CORNERS ARE NYLON. ALL CORNERS ARE HELD TOGETHER BY EMBOSSING IN TWO PLACES 9/16" APART ON EACH LEG OF THE NYLON CORNER. LOWER KICKPANEL IS GLAZED IN WITH ALUMINUM KICKPLATE OF .027 TO .032 THICKNESS. ALL Z BARS ARE WEATHERSTRIPPED WITH SCHLEGELS' POLY-BOND WEATHERSTRIP WHICH HAS A NON SHRINK POLYPROPYLENE BACKING WITH POLY-PILE (A WOOL BLEND MATERIAL.) ADJUSTABLE BOTTOM EXPANDER HAS A BUILT IN VINYL WEATHERSTRIP. THE DOOR HARDWARE CONSISTS OF A #920 BL CLOSER, A #333N-BL ED1200 PUSH BUTTON LATCH AND A #11-H-BL #1401 DELUXE CRASH CHAIN ALL OF WHICH ARE MANUFACTURED BY WRIGHT PRODUCTS, ZINC COATED, STEEL PHILLIPS PAN HEAD INSTALLATION SCREWS ARE ALSO INCLUDED.

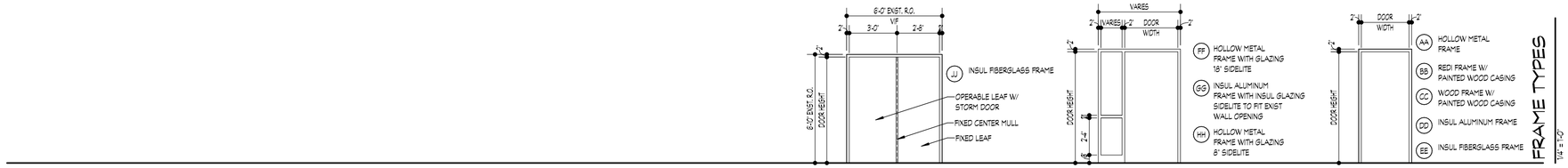
ALL STORM DOORS ARE 1 INCH OVERALL THICKNESS, 2 LITE SELF STORING (1020) OR 1-LITE FULL VIEW (1016) AND ARE PRE HUNG. THEY ALSO INCLUDE ALL NECESSARY HARDWARE FOR INSTALLATION INCLUDING CLOSER, LATCH, CRASH CHAIN, AND INSTALLATION SCREWS.

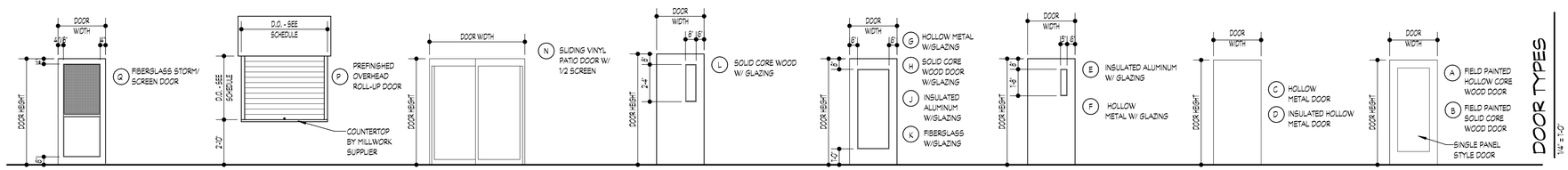
UNITS DOOR SCHEDULE

DOOR OR LITE NO.	DOOR SIZE W	H	T	TYPE	MATL	FRAME DETAILS HEAD	JAMB	SILL	SHEET	TYPE	MATL	HARDWARE	FIRE RATING LABEL / HRS.	KEY NOTES
1	3'-0"	6'-8"	1 3/4"	B	<varies>	4	3	-	A.712	BB	REDI	1	20 MIN	
1A	3'-0"	6'-8"	1 3/4"	B	<varies>	-	-	-	-	EX	EX	1	20 MIN	
2	3'-0"	6'-8"	1 3/8"	A	HC WD	4	3	5	A.712	BB	REDI	2	-	
3	3'-0"	6'-8"	1 3/8"	A	HC WD	4	3	-	A.712	BB	REDI	2	-	
4	1'-6"	6'-8"	1 3/8"	A	HC WD	4	3	-	A.712	BB	REDI	3	-	
5	1'-10"	6'-8"	1 3/8"	B	HC WD	4	3	-	A.712	BB	REDI	3	-	
6	(2) 2'-0"	6'-8"	1 3/8"	A	HC WD	4	3	-	A.712	BB	REDI	4	-	
7	(2) 2'-6"	6'-8"	1 3/8"	A	HC WD	4	3	-	A.712	BB	REDI	4	-	
8	(2) 1'-6"	6'-8"	1 3/8"	A	HC WD	4	3	-	A.712	BB	REDI	4	-	
11	6'-0"	6'-8"	1 3/4"	N	VINYL	11	10	12	A.712	-	VINYL	5	-	1
12	3'-0"	6'-8"	1 3/4"	K + Q	FG	11	10	12	A.712	EE	FG	6	-	5
13	3'-0"	6'-8"	1 3/4"	K + Q	FG	11	10	12	A.712	JJ	FG	6	-	2

DOOR SCHEDULE 4%

DOOR OR LITE NO.	DOOR SIZE W	H	T	TYPE	MATL	FRAME DETAILS HEAD	JAMB	SILL	SHEET	TYPE	MATL	HARDWARE	FIRE RATING LABEL / HRS.	KEY NOTES
100D	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
103	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	BB	REDI	16	20 MIN	
104	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
105B	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	BB	REDI	13	20 MIN	
106	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	REDI	14	20 MIN	4
106A	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	REDI	15	-	
106B	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	REDI	15	-	
106C	(2) 2'-6"	6'-8"	1 3/8"	A	HCWD	4	3	-	A.712	BB	REDI	4	-	
106D	3'-0"	6'-8"	1 3/4"	B	SCWD	4	3	-	A.712	BB	REDI	18	-	
106E	(2) 1'-6"	6'-8"	1 3/8"	A	HCWD	4	3	-	A.712	BB	REDI	4	-	
107	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	13	20 MIN	
107A	3'-0"	6'-8"	1 3/4"	B	SCWD	4	3	-	A.712	BB	REDI	17	20 MIN	
108	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
109	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
110	3'-0"	6'-8"	1 3/4"	H	SCWD	-	-	-	-	EXIST	HM	21	20 MIN	
114	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	3	A.712/401	GG	ALUM	11	-	2
114A	3'-0"	6'-8"	1 3/4"	L	SCWD	2	1	-	A.712	AA	HM	20	20 MIN	4
114B	8'-0"	3'-8"	3/4"	P	ALUM	1	-	1	A.622	-	ALUM	BY MFR	20 MIN	6
116	3'-4"	6'-8"	1 3/4"	H	SCWD	9	8	-	A.712	AA	HM	19	20 MIN	4
122	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	GG	ALUM	12	-	4
200A	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
200B	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
200C	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	12	-	4
200D	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
200E	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	12	-	4
201	3'-0"	6'-8"	1 3/4"	C	HM	-	-	-	-	EXIST	HM	14	20 MIN	4
201A	3'-0"	6'-8"	1 3/4"	C	HM	-	-	-	-	EXIST	HM	15	-	
202	3'-0"	6'-8"	1 3/4"	C	HM	-	-	-	-	EXIST	HM	14	20 MIN	4
203	3'-0"	6'-8"	1 3/4"	H	SCWD	-	-	-	-	EXIST	HM	21	20 MIN	
204	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
205	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
206	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	REDI	14	20 MIN	4
207	3'-0"	6'-8"	1 3/4"	B	SCWD	4	3		A.712	BB	REDI	16	20 MIN	
300B	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	11	-	
300C	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	12	-	4
301	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	REDI	14	20 MIN	4
302	3'-0"	6'-8"	1 3/4"	C	HM	-	-		-	EXIST	REDI	14	20 MIN	4
407	3'-0"	6'-8"	1 3/4"	H	SCWD	-	-	-	-	EXIST	HM	21	20 MIN	

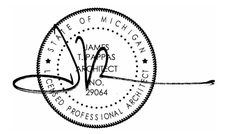




FSP FUSCO, SHAFFER & PAPPAS, INC.
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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

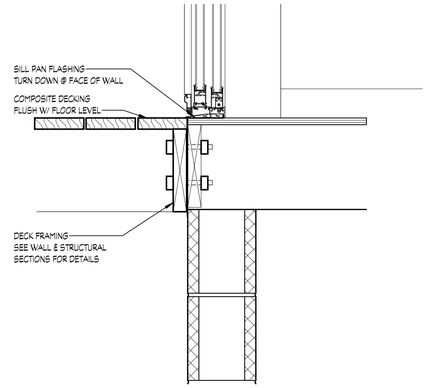
DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

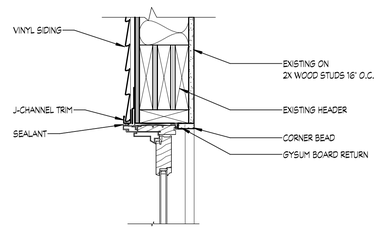
FSP PROJECT NO.
PVM21.072

DRAWING TITLE
DOOR & WINDOW SCHEDULE

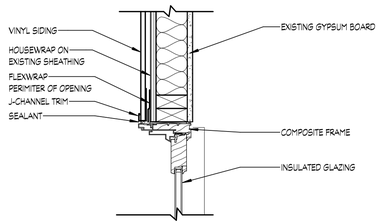
DRAWING NUMBER
2-A.711



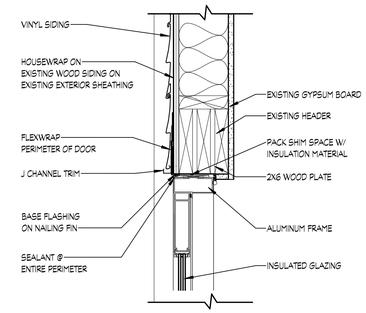
12 / 2-A.712 SLIDING DOOR SILL SECTION
SCALE: 1 1/2" = 1'-0"



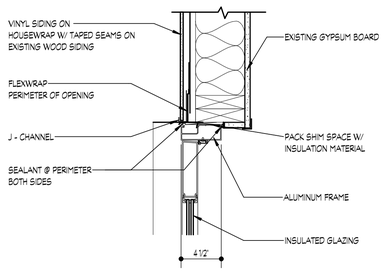
11 / 2-A.712 SLIDING DOOR HEAD SECTION
SCALE: 1 1/2" = 1'-0"



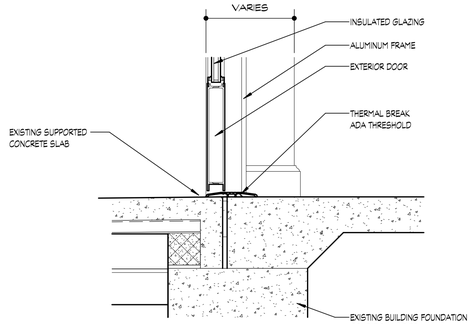
10 / 2-A.712 SLIDING DOOR JAMB SECTION
SCALE: 1 1/2" = 1'-0"



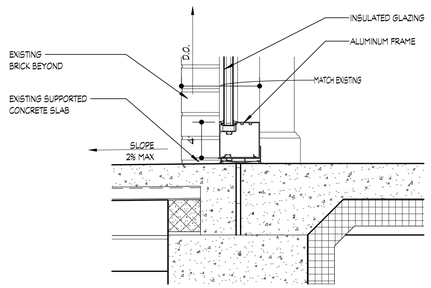
9 / 2-A.712 ALUMINUM DOOR HEAD SECTION
SCALE: 1 1/2" = 1'-0"



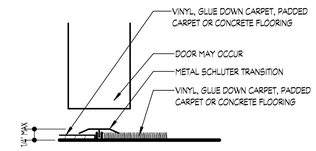
8 / 2-A.712 ALUMINUM DOOR JAMB SECTION
SCALE: 1 1/2" = 1'-0"



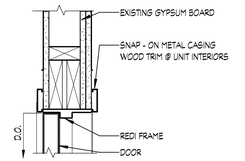
7 / 2-A.712 ALUMINUM DOOR SILL SECTION
SCALE: 1 1/2" = 1'-0"



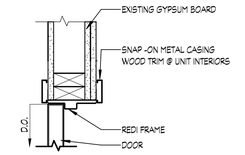
6 / 2-A.712 ALUMINUM STOREFRONT SILL SECTION
SCALE: 1 1/2" = 1'-0"



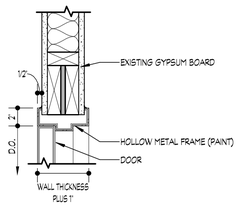
5 / 2-A.712 RESILIENT FLOOR TO CARPET TRANSITION
SCALE: 6" = 1'-0"



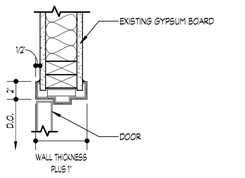
4 / 2-A.712 REDI FRAME HEAD SECTION
SCALE: 1 1/2" = 1'-0"



3 / 2-A.712 REDI FRAME JAMB SECTION
SCALE: 1 1/2" = 1'-0"



2 / 2-A.712 HOLLOW METAL HEAD SECTION
SCALE: 1 1/2" = 1'-0"



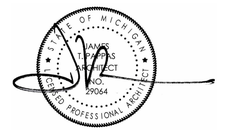
1 / 2-A.712 HOLLOW METAL JAMB SECTION
SCALE: 1 1/2" = 1'-0"

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

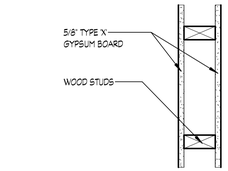
FSP PROJECT NO.
PVM23.072

DRAWING TITLE

DOOR DETAILS

DRAWING NUMBER

2-A.712



ONE HOUR ASSEMBLY
GYPSUM ASSOCIATION #WP3605
FIRE TEST PER UL DESIGN #U305
SOUND TEST PER OR 64-5
STC RATING = 30 TO 34
STC RATING = 35 TO 39 W/ SOUND INSULATION (EST.)

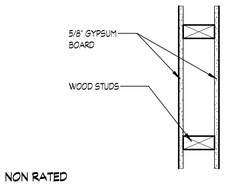
WOODS STUDS - NOMINAL 2x4 WOOD STUDS SPACED 16" O.C. MAX, EFFECTIVELY FIRESTOPPED.

GYPSUM BOARD - ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD, WATER RESISTANT BACKER BOARD OR VENEER BASE APPLIED PARALLEL WITH OR AT RIGHT ANGLES TO EACH SIDE OF 2X4 WOOD STUDS @ 16" O.C. WITH 6d COATED NAILS, 1-7/8" LONG, 0.0215" SHANK, 15/64" HEADS 7" O.C. JOINTS OF SQUARE EDGE, BEVEL EDGE OR PREDECORATED WALLBOARD MAY BE LEFT EXPOSED OR COVERED. STAGGER JOINTS EACH SIDE.

JOINTS AND SCREW HEADS - WALLBOARD JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. SCREW HEADS COVERED WITH JOINT COMPOUND.

- WV4A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WV4B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WV4C — AS 4A WITH SOUND INSULATION
- WV4D — AS 4B WITH SOUND INSULATION

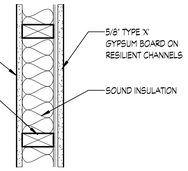
INTERIOR ONE HOUR RATED WALL



NON RATED
STC RATING = 30 TO 34
STC RATING = 35 TO 39 W/ SOUND INSULATION (EST.)

- WV5A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WV5B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WV5C — AS 5A WITH SOUND INSULATION
- WV5D — AS 5B WITH SOUND INSULATION
- WV5E — AS 5A WITH GYPSUM BOARD ONE SIDE
- WV5F — AS 5B WITH GYPSUM BOARD ONE SIDE
- WV5G — AS 5E WITH SOUND INSULATION
- WV5H — AS 5F WITH SOUND INSULATION
- WV6 — AS ABOVE WITH 2X8 WOOD STUDS @ 16" O.C.

INTERIOR NON-RATED WALL



ONE HOUR ASSEMBLY
GYPSUM ASSOCIATION #WP3240
UL DESIGN #U311
FIRE TEST PER OSU T-3127
SOUND TEST PER RAL TL77-138
STC RATING = 50 TO 54

WOOD STUDS - NOM 2X4 SPACED 16" OR 24" OC. EFFECTIVELY CROSS BRACED.

RESILIENT CHANNELS - 25 MSG GALV STEEL. RESILIENT CHANNELS ATTACHED AT RIGHT ANGELS SPACED VERTICALLY 24" OC. FLANGE PORTION SCREW ATTACHED TO ONE SIDE OF STUDS WITH 6D COATED NAILS, 1 7/8" LONG, 0.086" SHANK, 1/4" HEADS. 1/2" x 3" GYPSUM WALLBOARD FILLER STRIPS ATTACHED TO PLATE AT FLOOR LINE WITH 6D NAILS.

GYPSUM BOARD - ONE LAYER 5/8" TYPE "X" GYPSUM WALL BOARD OR GYPSUM VENEER BASE APPLIED PARALLEL TO RESILIENT CHANNELS WITH 1" TYPE S DRYWALL SCREWS 6" O.C. AT HORIZONTAL JOINTS AND 12" O.C. AT INTERMEDIATE CHANNELS. OPPOSITE SIDE: ONE LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO STUDS WITH 6D NAILS 8" O.C. END JOINTS STAGGERED 48" ON OPPOSITE SIDES.

BATTS AND BLANKETS - 3" THICK MINERAL WOOL BATTS, PLACED TO FILL INTERIOR OF WALL, ATTACHED TO THE 4" FACE OF THE STUDS WITH STAPLES PLACED 24" OC. OR GLASS FIBER INSULATION - 3" THICK GLASS FIBER BATTS BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING AND/OR FIRE RESISTANCE, PLACED TO FILL THE INTERIOR OF THE WALL, ATTACHED TO THE 4" FACE OF THE STUDS WITH STAPLES PLACED 24" OC.

JOINTS AND SCREW HEADS - WALLBOARD JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. SCREW HEADS COVERED WITH JOINT COMPOUND.

SOUND TESTED WITH 3 1/2" GLASS FIBER INSULATION IN STUD SPACE

- WV2A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WV2B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WV2C — AS 2A WITHOUT SOUND INSULATION
- WV2D — AS 2B WITHOUT SOUND INSULATION

UNIT/CORRIDOR SEPARATION WALL

WALL TYPE DESIGNATION NOTES:

1. PARTITIONS ARE INDICATED ON THE FLOOR PLANS BY A WALL TYPE SYMBOL DESIGNATION. (X# / X)

2. WHERE PARTITION WALL TYPES ARE INDICATED, THE PARTITION SYSTEM IS CONTINUOUS UNTIL THE PARTITION CHANGES DIRECTION OR A DIFFERENT PARTITION SYSTEM IS INDICATED.

3. ALL PENETRATIONS INTO AND/OR THROUGH A FIRE RATED ASSEMBLY MUST BE PROTECTED WITH AN APPROVED FIRE-STOP OR MEMBRANE PENETRATION SYSTEM. THE GENERAL CONTRACTOR WILL SUBMIT ALL FIRE-STOP ASSEMBLIES, TO INCLUDE TYPE OF PRODUCT, ASSEMBLY, INSTALLATION DETAILS, AND LOCATION TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

4. ALL NON-FIRE RATED PARTITIONS MUST USE ACOUSTICAL SEALANT CONTINUOUSLY ALONG THE TOP AND BOTTOM TRACKS/STUDS AT THE TRACK/STUD FLOOR/CEILING TRANSITION.

5. FIRE RESISTANCE RATING SIGNAGE: FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS MUST BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING.
   a. SUCH IDENTIFICATION MUST INCLUDE LETTERING NOT LESS THAN 0.5" IN HEIGHT, INCORPORATING THE SUGGESTED WORDING: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR SIMILAR WORDING.
   b. SIGNS MUST BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR/CEILING OR ATTIC SPACES.
   c. SIGNS MUST BE REPEATED AT INTERVALS NOT EXCEEDING 30'-0" MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.

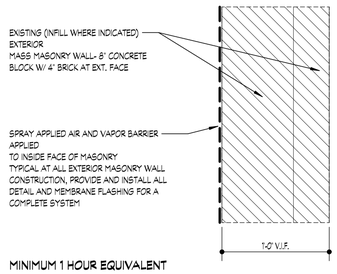
6. FOR ALL PARTITION TYPES: WHERE WALL TILE IS THE SCHEDULED FINISH, PROVIDE AND INSTALL 5/8" CEMENTITIOUS TILE BACKER BOARD IN LIEU OF 5/8" GYPSUM BOARD.

7. FOR PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION BLANKETS, EXTEND SOUND ATTENUATION BLANKETS TO FULL HEIGHT OF PARTITION UNLESS NOTED OTHERWISE. FLOOR TRACK/STUDS TO HAVE ACOUSTICAL SEALANT CONTINUOUS ALONG THE TRACK/STUD FLOOR/CEILING TRANSITION.

8. FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS AND SMOKE BARRIERS MUST EXTEND AND SEAL TO THE INSIDE FACE OF THE EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS AND CONCEALED SPACES.

9. AT ALL FIRE- RESISTANCE RATED WALLS OR PARTITIONS, RECESSED FIXTURES SHALL BE INSTALLED SUCH THAT THE REQUIRED FIRE- RESISTANCE WILL NOT BE REDUCED.

10. FIRE BARRIERS MUST EXTEND THROUGH CONCEALED SPACES AND SEAL TO THE UNDERSIDE OF THE ROOF SHEATHING/ DECK, INCLUDING EXTENSIONS THROUGH SOFFITS.



MINIMUM 1 HOUR EQUIVALENT
EXTERIOR MASONRY WALL ASSEMBLY
W-16-M-7 (ARCHAIC ASS'Y) - 5 HOUR EQUIVALENT
W-12-M-13 (ARCHAIC ASS'Y) - 3 HOUR EQUIVALENT

FIRE RATING DERIVED FROM THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT'S "FIRE RATINGS OF ARCHAIC MATERIALS AND ASSEMBLIES"

EXISTING MULTI WYTHE MASONRY WALL (THICKNESS VARIES MINIMUM 12" THICK) CORE: SOLID CLAY OR SHALE BRICK, NO FACING

- EM1 — AS ABOVE - 1 HOUR RATING
- EM2 — AS ABOVE - 2 HOUR RATING

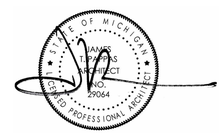
EXTERIOR MASONRY WALL

FUSCO, SHAFFER & PAPPAS, INC.
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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
08.28.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WALL TYPES

DRAWING NUMBER

2-A.721

CEILING SCHEDULE

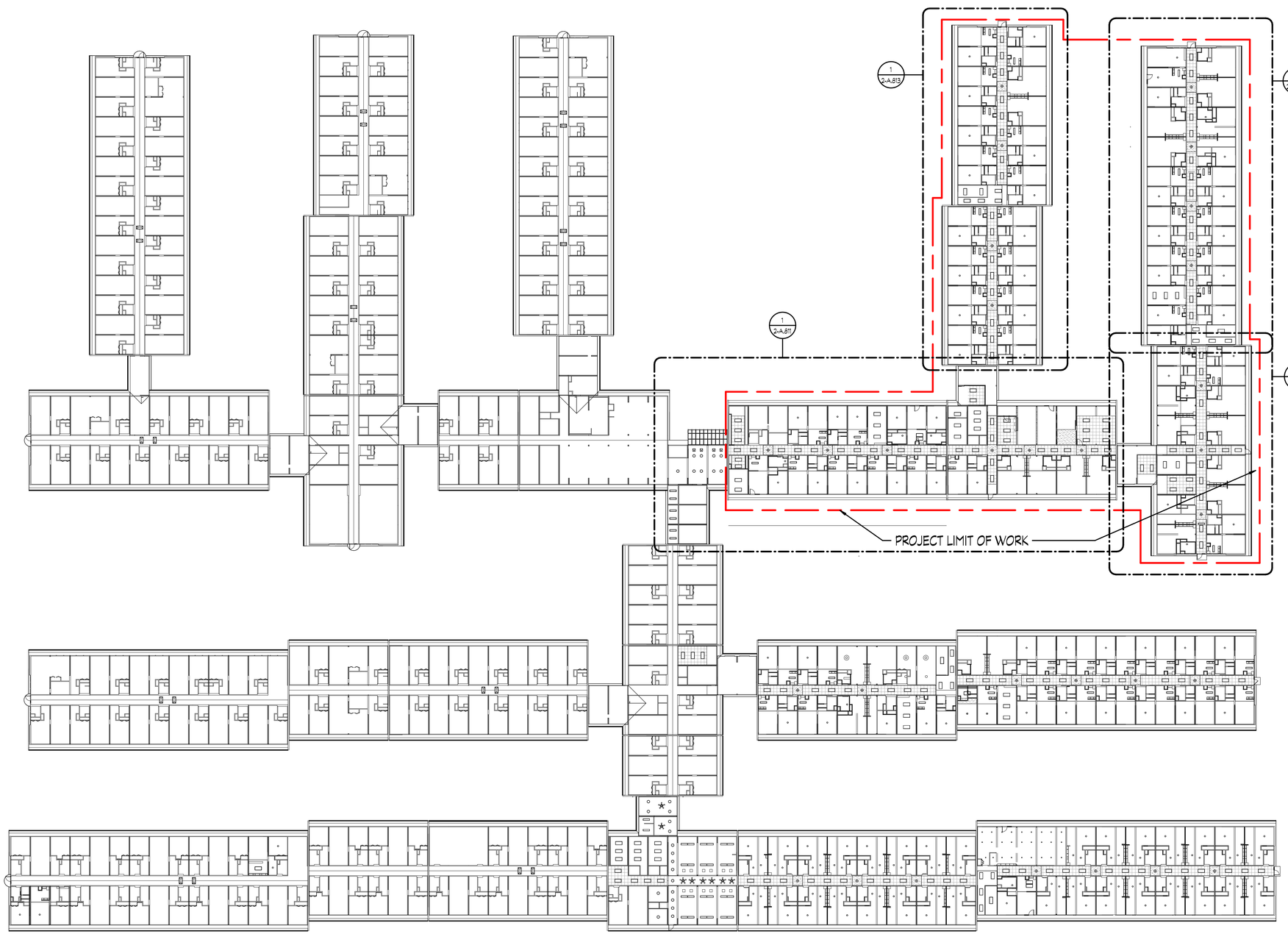
MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

REFLECTED CEILING PLAN NOTES:

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3. ALL CEILING TILES MUST BE CENTERED IN ROOM.
4. ALL CEILING PENETRATIONS OF FIRE PROTECTION HEADS, FIRE ALARM DEVICES, LIGHT FIXTURES, SPEAKERS, ETC. MUST BE CENTERED IN THE CEILING TILE.
5. PROVIDE AND INSTALL A FIRE RATED ENCLOSURE ABOVE ALL RECESSED LIGHT FIXTURES WHICH PENETRATE A RATED CEILING MEMBRANE.
6. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
7. COORDINATE CEILING SUSPENSION SYSTEM WITH OTHER CEILING SPACE EQUIPMENT SUPPORTING DEVICES.
8. PROVIDE AND INSTALL FIRE DAMPERS AT DUCT PENETRATIONS OF ALL FIRE RATED ASSEMBLIES. CEILING RADIATION DAMPERS ARE REQUIRED AT ALL DUCT/FAN PENETRATIONS OF THE FIRE RATED CEILINGS.
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13. REMOVE ALL TEXTURED CEILING FINISH AT CEILINGS WHERE NEW PAINT FINISH IS INDICATED. PREP CEILING FOR NEW PAINT FINISH.

REFLECTED CEILING PLAN SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
	2' X 4' LAY-IN FLUORESCENT LIGHT FIXTURE
	1x4 FLUORESCENT LIGHT FIXTURE
	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



1 / 2-A.801 FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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SEAL

STATE OF MICHIGAN
JAMES THOMAS KNOTT
LICENSED NO. 29064
REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.25	UPDATED BIDS
06.30.25	4% ADDENDUM #1
08.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

REFLECTED FIRST FLOOR CEILING PLAN

DRAWING NUMBER

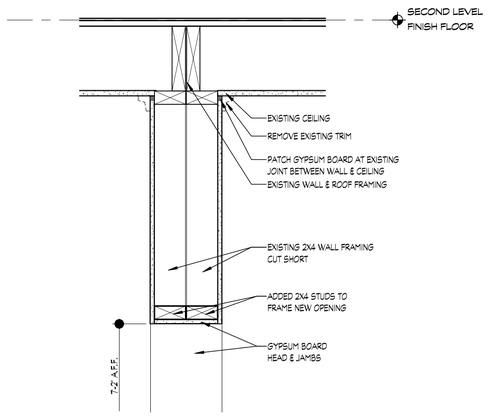
2-A.801

CEILING SCHEDULE		
MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

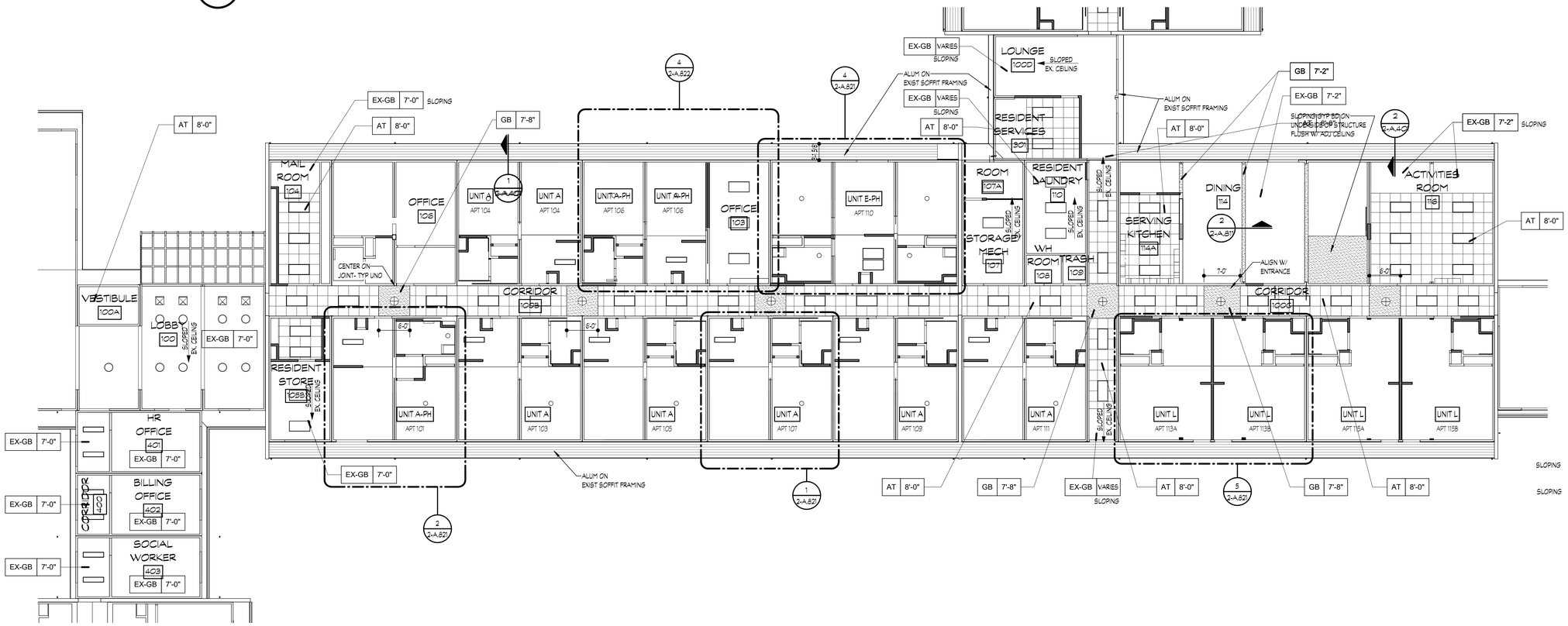
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REFLECTED CEILING PLAN SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
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	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



2 / 2-A.811 **CEILING RIB DETAIL**
SCALE: 1 1/2" = 1'-0"



1 / 2-A.811 **100 WING REFLECTED CEILING PLAN**
SCALE: 3/32" = 1'-0"

NORTH

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STATE OF MICHIGAN JAMES THOMAS SHAFFER LICENSE NO. 29064 REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

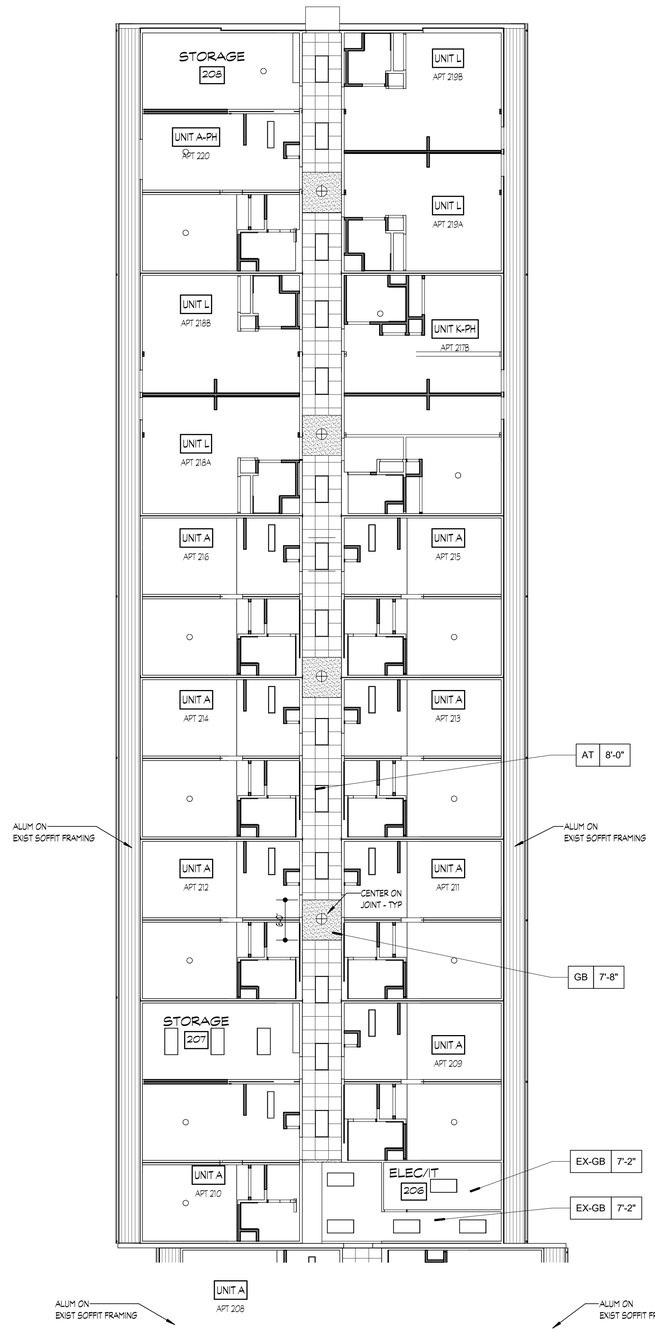
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR RCP

DRAWING NUMBER

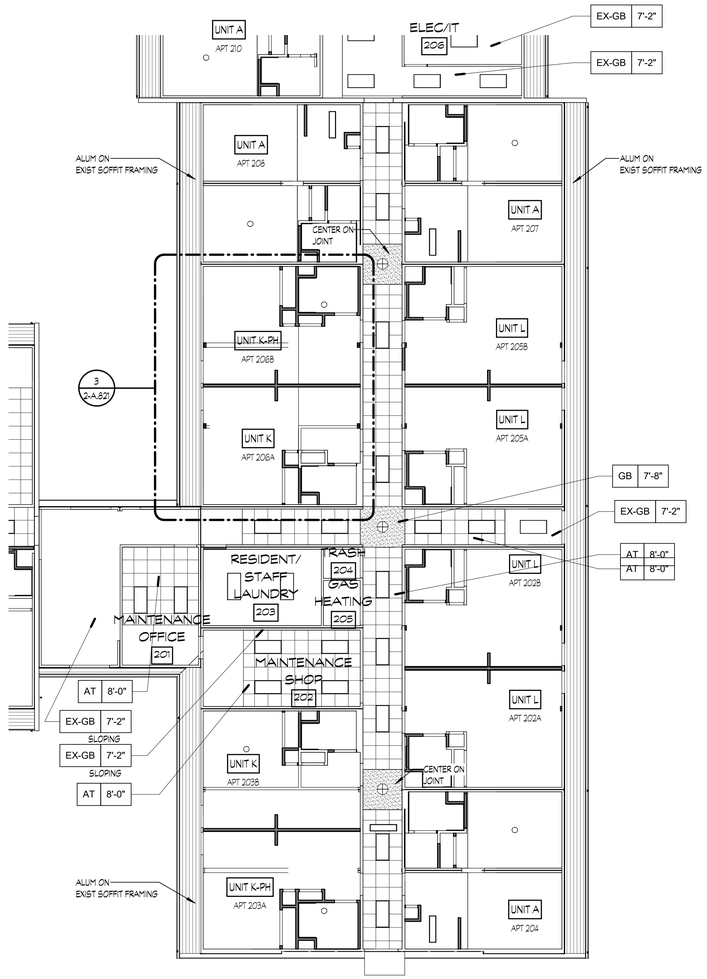
2-A.811



1 2-A.812 **200 WING REFLECTED CEILING PLAN**

SCALE: 3/32" = 1'-0"

NORTH



2 2-A.812 **200 WING SOUTH RCP**

SCALE: 3/32" = 1'-0"

NORTH

CEILING SCHEDULE

MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

REFLECTED CEILING PLAN NOTES:

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4. ALL CEILING PENETRATIONS OF FIRE PROTECTION HEADS, FIRE ALARM DEVICES, LIGHT FIXTURES, SPEAKERS, ETC. MUST BE CENTERED IN THE CEILING TILE.
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13. **REMOVE ALL TEXTURED CEILING FINISH AT CEILINGS WHERE NEW PAINT FINISH IS INDICATED. PREP CEILING FOR NEW PAINT FINISH.**

REFLECTED CEILING PLAN SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
	2' X 4' LAY-IN FLUORESCENT LIGHT FIXTURE
	1x4 FLUORESCENT LIGHT FIXTURE
	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE

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ARCHITECTS AND PLANNERS

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SEAL



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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

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03.07.25	PERMITS

KEY PLAN

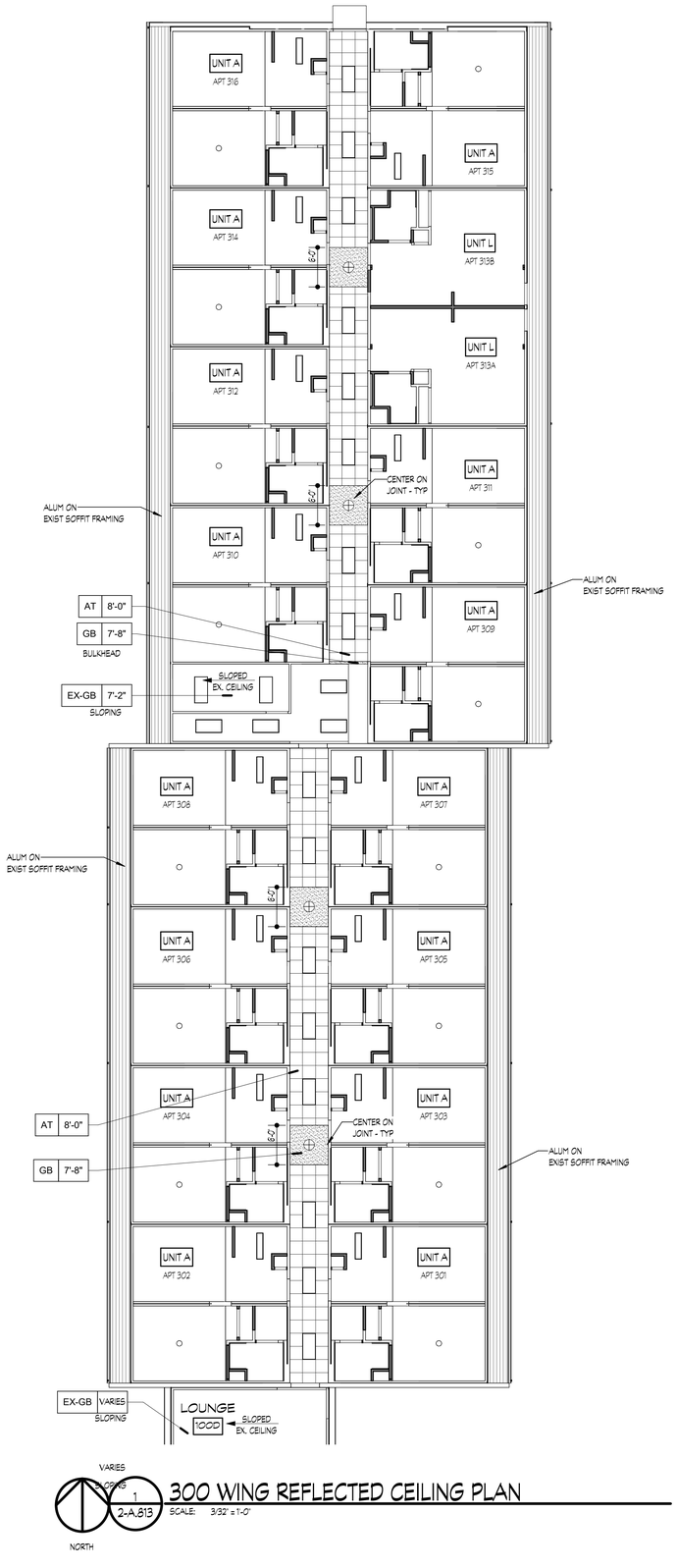
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR RCP

DRAWING NUMBER

2-A.812



300 WING REFLECTED CEILING PLAN

SCALE: 3/32" = 1'-0"

NORTH

CEILING SCHEDULE

MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

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SYMBOL	DESCRIPTION
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	1x4 FLUORESCENT LIGHT FIXTURE
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	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE

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06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR RCP

DRAWING NUMBER

2-A.813

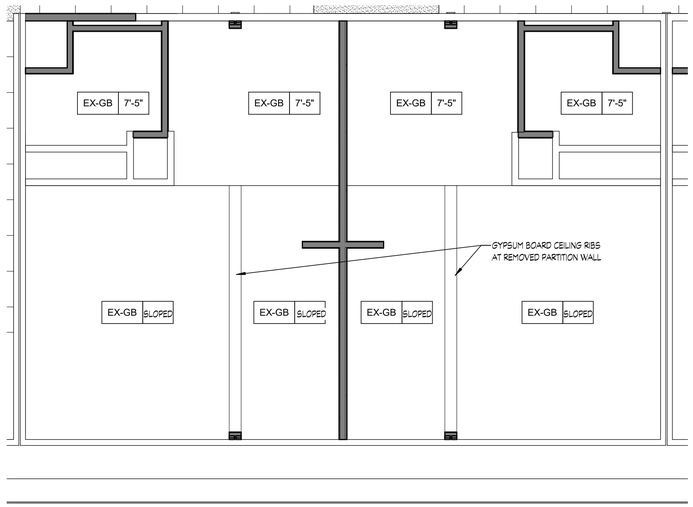
CEILING SCHEDULE		
MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

REFLECTED CEILING PLAN NOTES:

1. THIS PLAN IS INTENDED TO SHOW GENERAL COORDINATION OF OVERHEAD WORK. REFER TO STRUCTURAL, PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
2. ALL CEILING HEIGHTS ARE FINISH DIMENSIONS. EXISTING CEILING HEIGHTS ARE APPROXIMATE.
3. ALL CEILING TILES MUST BE CENTERED IN ROOM.
4. ALL CEILING PENETRATIONS OF FIRE PROTECTION HEADS, FIRE ALARM DEVICES, LIGHT FIXTURES, SPEAKERS, ETC. MUST BE CENTERED IN THE CEILING TILE.
5. PROVIDE AND INSTALL A FIRE RATED ENCLOSURE ABOVE ALL RECESSED LIGHT FIXTURES WHICH PENETRATE A RATED CEILING MEMBRANE.
6. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
7. COORDINATE CEILING SUSPENSION SYSTEM WITH OTHER CEILING SPACE EQUIPMENT SUPPORTING DEVICES.
8. PROVIDE AND INSTALL FIRE DAMPERS AT DUCT PENETRATIONS OF ALL FIRE RATED ASSEMBLIES. CEILING RADIATION DAMPERS ARE REQUIRED AT ALL DUCT/FAN PENETRATIONS OF THE FIRE RATED CEILINGS.
9. WHERE EXISTING CEILING ARE TO BE REPLACED, RELOCATE ALL LIFE SAFETY DEVICES, AND OTHER LOW VOLTAGE DEVICES INTO NEW CEILING, WHETHER SPECIFICALLY CALLED OUT ON MECHANICAL & ELECTRICAL DRAWINGS OR NOT.
10. **INFILL GYPSUM BOARD FLUSH AND REFINISH CEILING AT REMOVED PARTITIONS AND SKYLIGHTS.**
11. **PATCH CEILING AT ALL ADDED PARTITION LOCATIONS, AND AT RELOCATED LIGHT FIXTURES.**
12. **PATCH BETWEEN TOP OF WALL AND UNDERSIDE OF CEILING AT REMOVED CROWN MOLDING. FINISH TO MATCH WALL.**
13. **REMOVE ALL TEXTURED CEILING FINISH AT CEILINGS WHERE NEW PAINT FINISH IS INDICATED. PREP CEILING FOR NEW PAINT FINISH.**

REFLECTED CEILING PLAN SYMBOLS LEGEND

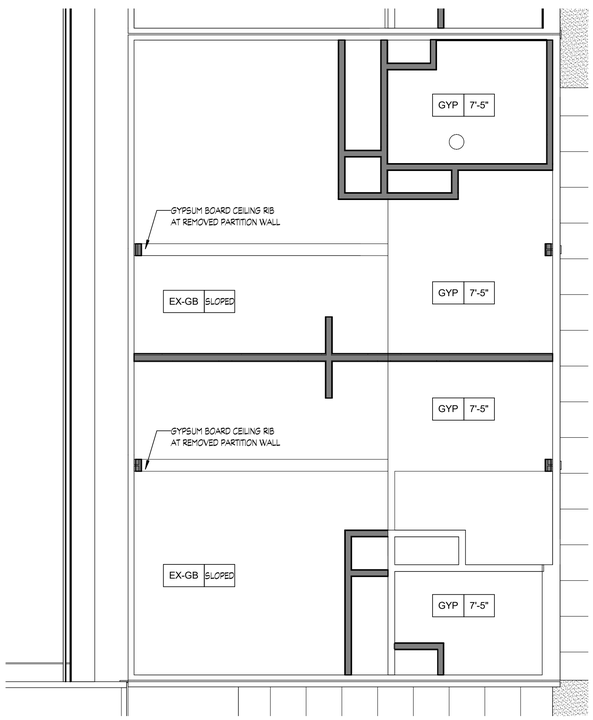
SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
	2' X 4' LAY-IN FLUORESCENT LIGHT FIXTURE
	1x4 FLUORESCENT LIGHT FIXTURE
	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



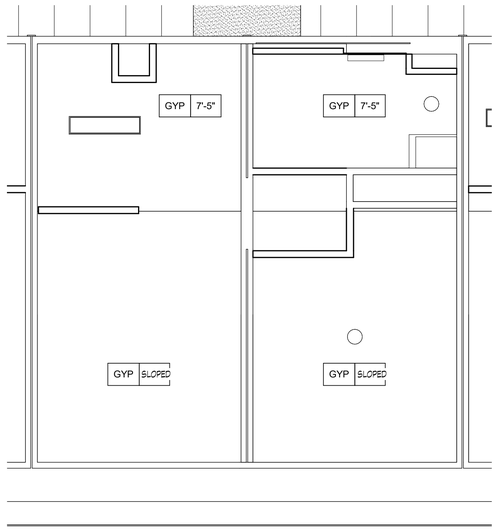
5 / 2-A.821 UNIT H - STUDIOS
SCALE: 1/4" = 1'-0"



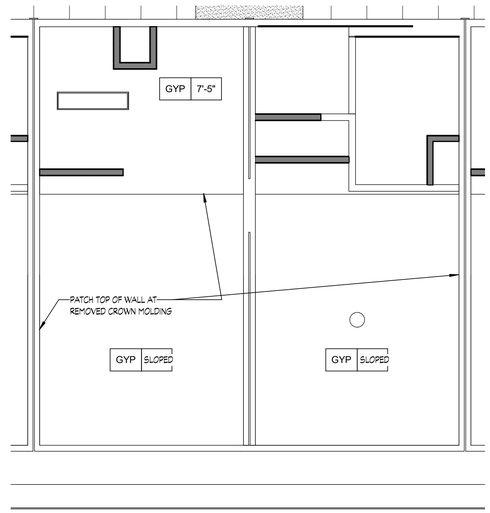
4 / 2-A.821 UNIT E-PH - 2 BDRM HANDICAPPED
SCALE: 1/4" = 1'-0"



3 / 2-A.821 UNIT K & K-PH - STUDIO UNITS
SCALE: 1/4" = 1'-0"



2 / 2-A.821 UNIT A-PH - 1 BDRM HANDICAPPED
SCALE: 1/4" = 1'-0"



1 / 2-A.821 UNIT A - 1 BDRM
SCALE: 1/4" = 1'-0"

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ARCHITECTS AND PLANNERS

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STATE OF MICHIGAN
JAMES THOMAS PROJECT NO. 29064
REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT REFLECTED CEILING PLANS

DRAWING NUMBER

2-A.821

CEILING SCHEDULE

MARK	DESCRIPTION	REMARKS
AT	2' X 2' CIRRUS TEGULAR EDGE ACOUSTIC SUSPENDED CEILING	STANDARD GRID
AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

REFLECTED CEILING PLAN NOTES:

1. THIS PLAN IS INTENDED TO SHOW GENERAL COORDINATION OF OVERHEAD WORK. REFER TO STRUCTURAL, PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
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6. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH MECHANICAL AND ELECTRICAL DRAWINGS.
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13. REMOVE ALL TEXTURED CEILING FINISH AT CEILINGS WHERE NEW PAINT FINISH IS INDICATED. PREP CEILING FOR NEW PAINT FINISH.

REFLECTED CEILING PLAN SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
	2' X 4' LAY-IN FLUORESCENT LIGHT FIXTURE
	1x4 FLUORESCENT LIGHT FIXTURE
	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



4 / 2-A.822 UNIT A-1 - 1 BDRM + SUPPORT SPACE

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

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.25	UPDATED BIDS
06.30.25	4% ADDENDUM #1
03.07.25	PERMITS

KEY PLAN

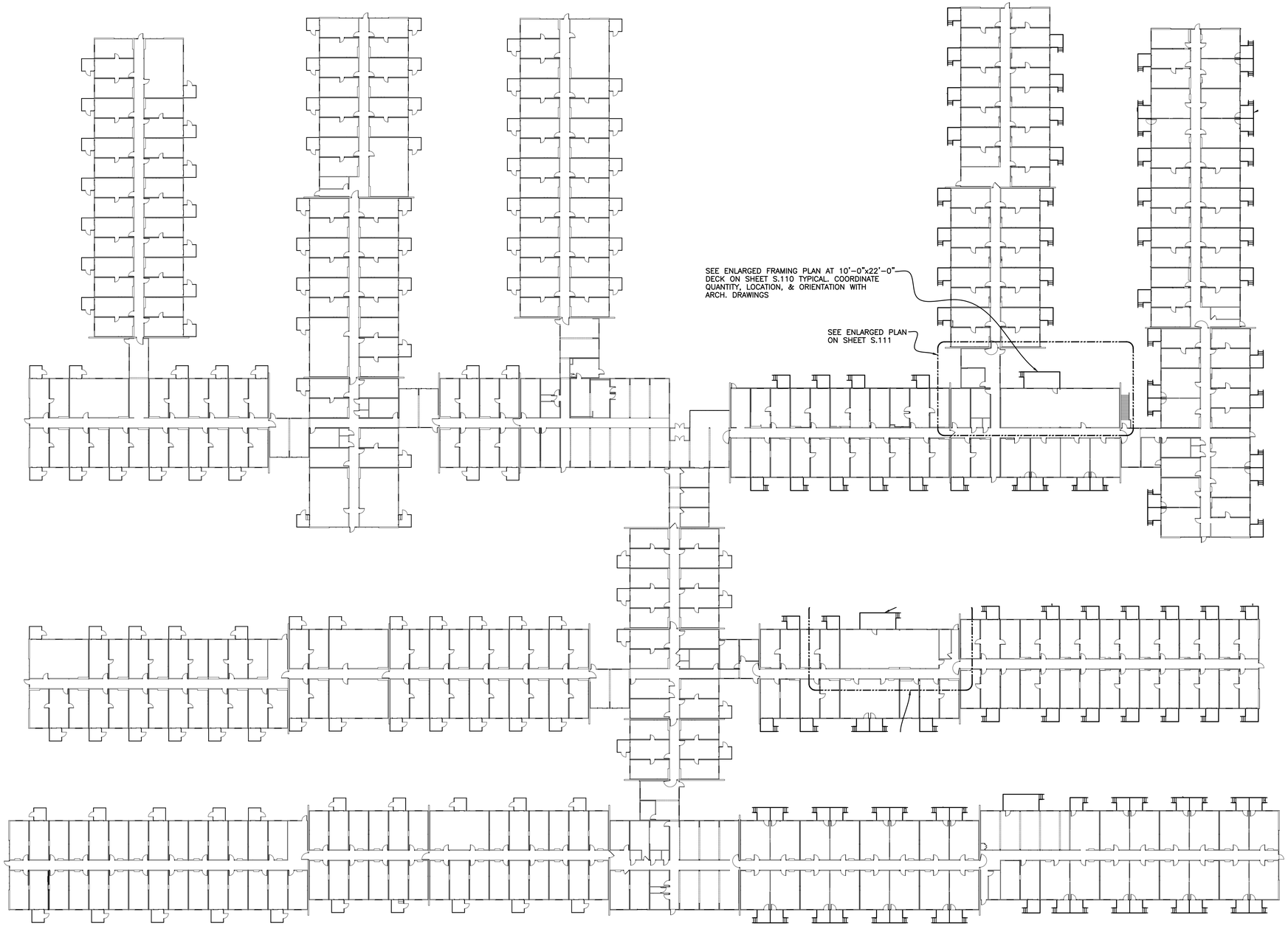
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT REFLECTED CEILING PLANS

DRAWING NUMBER

2-A.822



OVERALL FLOOR PLAN
SCALE : 1/32" = 1'-0"

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

DATE	ISSUE
03.07.25	Permits
06.26.26	UPDATED BIDS

KEY PLAN

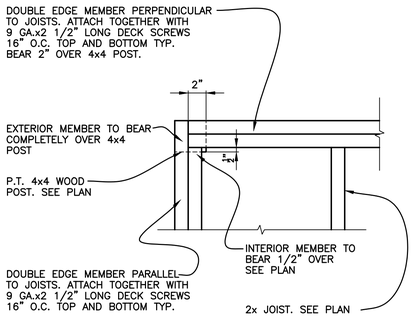
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FLOOR PLAN

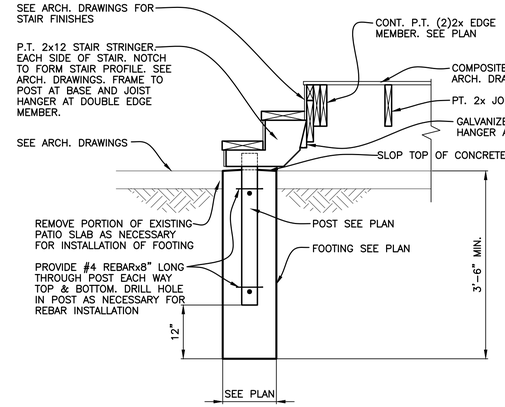
DRAWING NUMBER

S.101



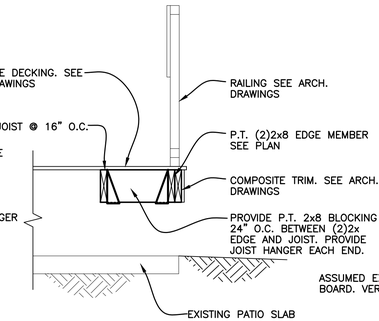
5 S.110 ENLARGED PLAN DETAIL AT DECK CORNER

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



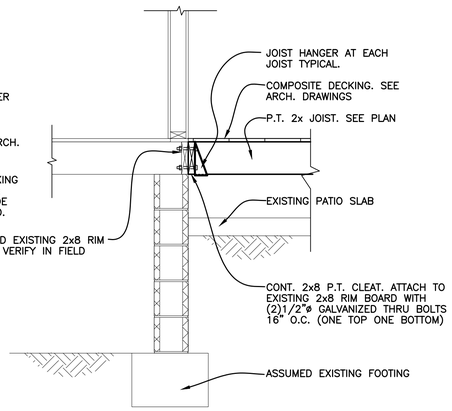
4 S.110 SECTION

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



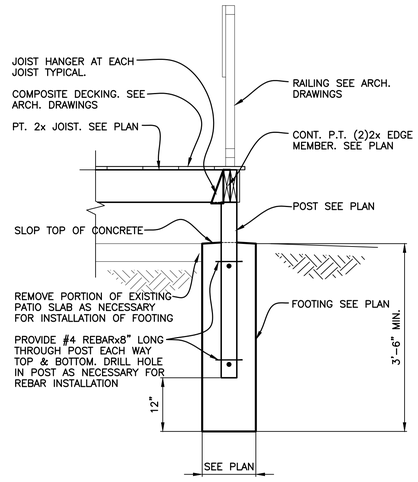
3 S.110 SECTION

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



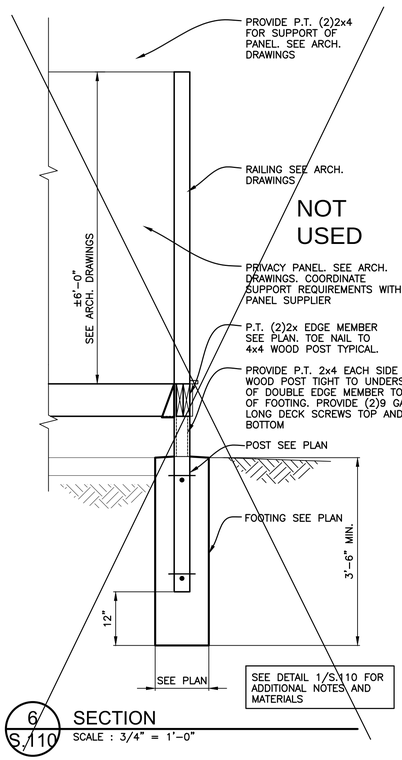
2 S.110 SECTION

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



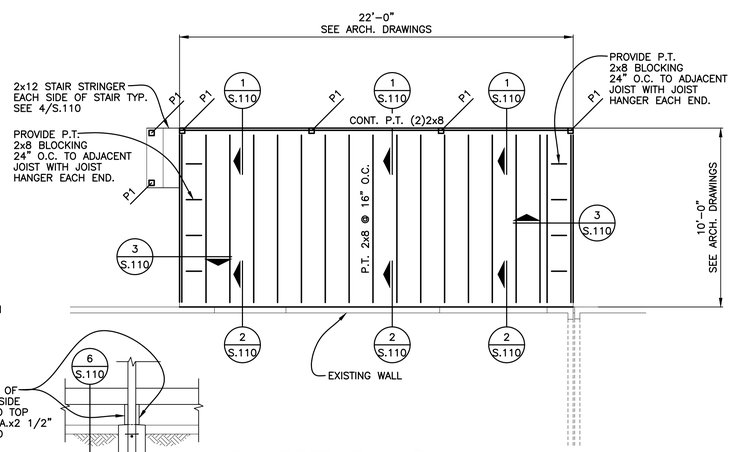
1 S.110 SECTION

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



6 S.110 SECTION

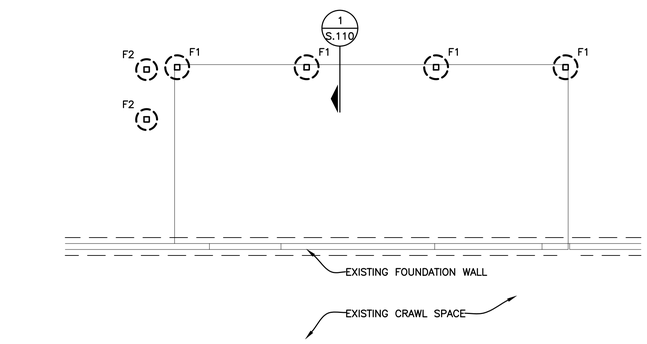
SCALE : 3/4" = 1'-0"



ENLARGED FRAMING PLAN AT 10'-0"x22'-0" DECK

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

P1: PRESSURE TREATED 4x4 WOOD POST. EXTEND WOOD POST INTO FOOTING. SEE DETAIL 1/S.110

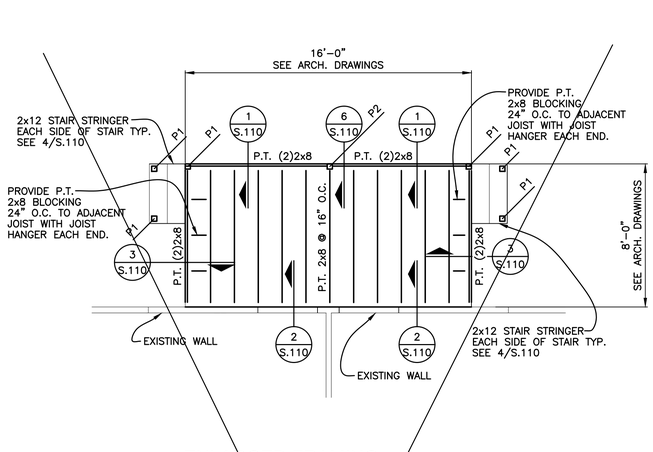


ENLARGED FOUNDATION PLAN AT 10'-0"x22'-0" DECK

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

F1: 14"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110

F2: 12"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110 SIM.



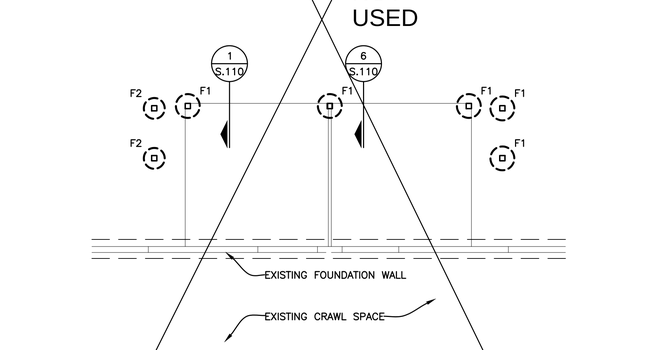
ENLARGED FRAMING PLAN AT 10'-0"x16'-0" DECK

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

P1: PRESSURE TREATED 4x4 WOOD POST. EXTEND WOOD POST INTO FOOTING. SEE DETAIL 1/S.110.

P2: PRESSURE TREATED 4x4 WOOD POST. EXTEND WOOD POST INTO FOOTING AND CANTILEVER 6'-0" ABOVE TOP OF DECK. SEE ARCH. DRAWINGS. SEE DETAIL 1/S.110 SIM. & 6/S.110

NOT USED

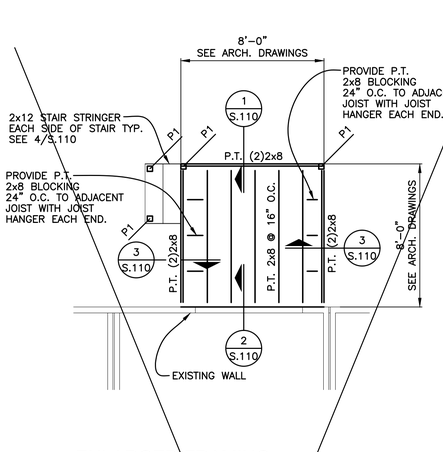


ENLARGED FOUNDATION PLAN AT 10'-0"x16'-0" DECK

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

F1: 14"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110

F2: 12"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110 SIM.

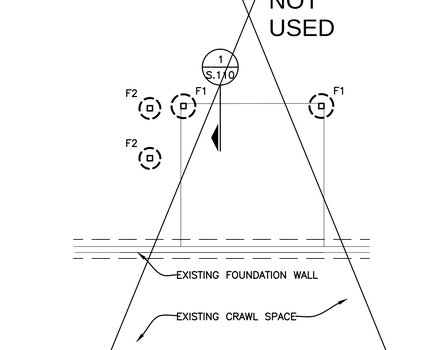


ENLARGED FRAMING PLAN AT 8'-0"x8'-0" DECK

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

P1: PRESSURE TREATED 4x4 WOOD POST. EXTEND WOOD POST INTO FOOTING. SEE DETAIL 1/S.110

NOT USED



ENLARGED FOUNDATION PLAN AT 8'-0"x8'-0" DECK

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

F1: 14"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110

F2: 12"øx42" DEEP CONCRETE FOOTING. SEE DETAIL 1/S.110 SIM.

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DATE	ISSUE
03.07.25	Permits
06.26.26	UPDATED BIDS

KEY PLAN

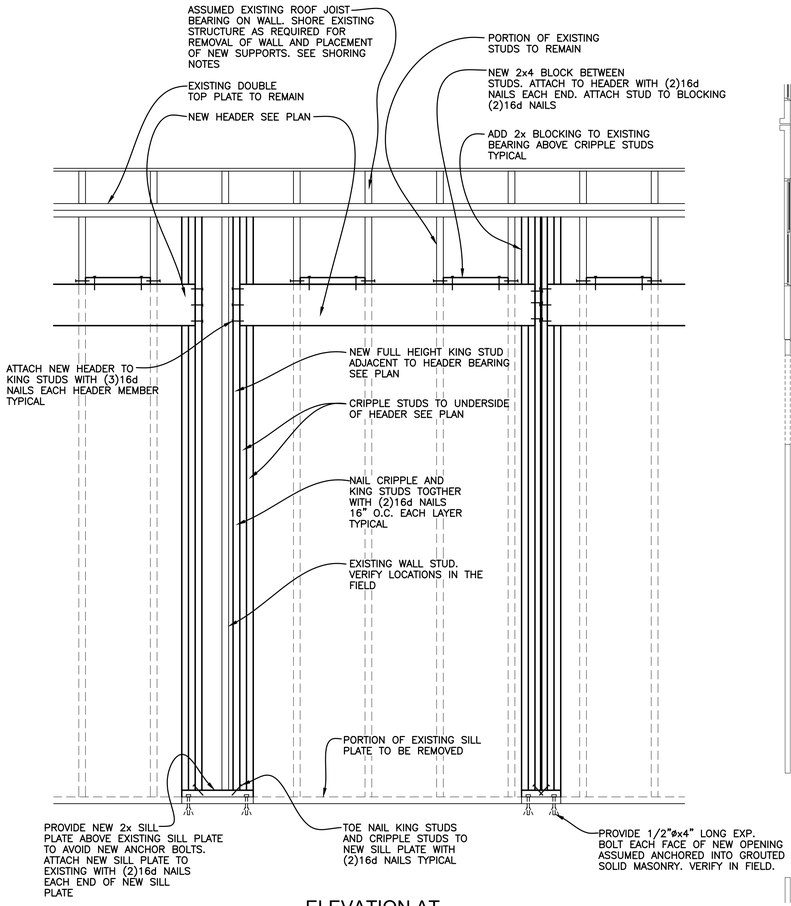
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ENLARGED DECK FOUNDATION PLANS, FRAMING PLANS, & DETAILS

DRAWING NUMBER

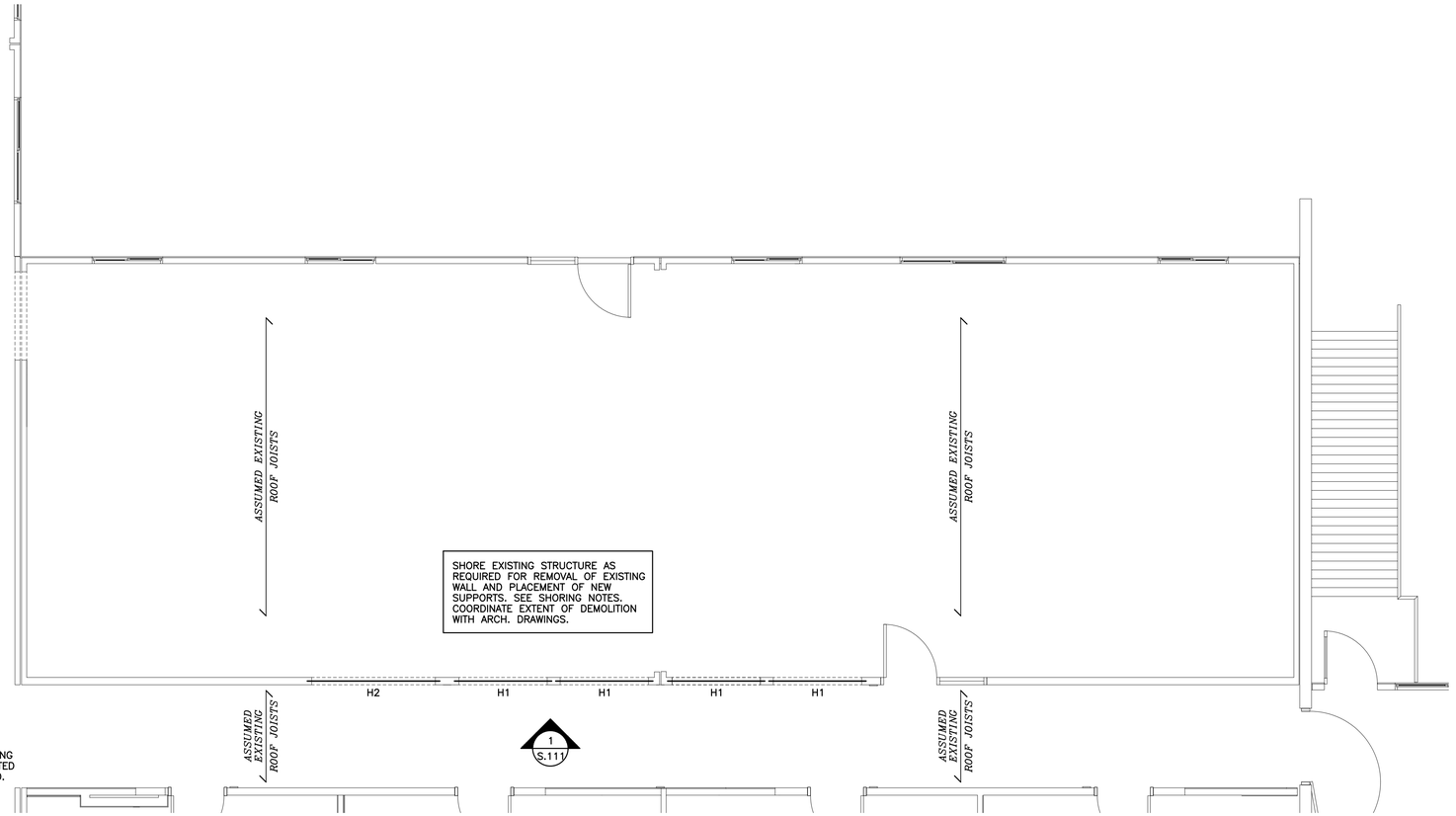
S.110



1 S.111

ELEVATION AT NEW HEADER IN EXISTING WALL

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



ENLARGED FLOOR PLAN

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

COORDINATE LOCATION WITH ARCH. DRAWINGS.

H1: (2)2x10 WITH (2)2x4 CRIPPLE STUDS TO UNDERSIDE OF HEADER AND (1)2x4 FULL HEIGHT KING STUD ADJACENT TO HEADER. SEE 1/S.111 SIM.

H2: (2)1 3/4"x9 1/4" LVL WITH (2)2x4 CRIPPLE STUDS TO UNDERSIDE OF HEADER AND (1)2x4 FULL HEIGHT KING STUD ADJACENT TO HEADER. SEE 1/S.111 SIM.

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DATE	ISSUE
03.07.25	Permits
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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ENLARGED FLOOR PLAN

DRAWING NUMBER

S.111

G E N E R A L N O T E S

GENERAL CONDITIONS

1. IF ANY GENERAL NOTE CONFLICTS WITH ANY DETAIL OR NOTE ON THE PLANS OR IN THE SPECIFICATIONS, THE STRICTEST PROVISION SHALL GOVERN.

2. THE STRUCTURAL DRAWINGS ARE FOR THE PLACEMENT AND SIZE OF STRUCTURAL COMPONENTS ONLY. O.S.H.A., LOCAL GOVERNMENT CODES AND SAFETY CODE REQUIREMENTS SHALL BE ADHERED TO BY THE CONTRACTOR.

3. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER IT IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES PROVIDING TEMPORARY BRACING, SHORING, GUYS OR TIE- DOWNS. THESE TEMPORARY SUPPORTS WILL REMAIN IN PLACE UNTIL ALL STRUCTURAL COMPONENTS ARE IN PLACE AND COMPLETED.

4. USE OF ENGINEERING DRAWINGS AS ERECTION DRAWINGS BY THE CONTRACTOR IS STRICTLY PROHIBITED. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR BUILDING LAYOUT AND LOCATION. SEE ARCHITECTURAL DRAWINGS AND SITE PLAN FOR THESE PURPOSES.

5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AT THE RATE OF NO MORE THAN 80 DRAWINGS PER WEEK. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF SHOP DRAWINGS PRIOR TO SUBMITTAL. THE CONTRACTOR SHALL CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL AND IS SOLELY RESPONSIBLE FOR ERRORS & OMISSION IN THE PREPARATION OF SHOP DRAWINGS TO CONFORM TO THE DESIGN DRAWINGS. SUBMIT ELECTRONIC SHOP DRAWINGS FOR ENGINEER REVIEW.

6. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL RELEVANT DIMENSIONS AND ELEVATIONS FOR EQUIPMENT INSTALLATIONS AGAINST PURCHASED MANUFACTURER'S CERTIFIED EQUIPMENT DRAWINGS. DIMENSIONS THAT DEPEND UPON SPECIFIC EQUIPMENT SUCH AS ELEVATOR OPENINGS, MECHANICAL EQUIPMENT SUPPORTS, ETC. SHALL BE COORDINATED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER. SUCH DIMENSIONS SHALL BE PROVIDED ON THE SHOP DRAWINGS BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER.

7. PRE-MANUFACTURED ITEMS SUCH AS CANOPIES, AWNINGS, SUNSHADES, ETC. SHALL BE DESIGNED BY SUPPLIER. SUPPLIER SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS BY A REGISTERED ENGINEER IN THE STATE OF MICHIGAN FOR RECORD TO ARCHITECT. SHOP DRAWINGS SHALL INDICATE ALL DESIGN LOADS AND INCLUDE ALL CONNECTIONS AND MATERIAL NECESSARY FOR INSTALLATION OF PRE-MANUFACTURED ITEMS.

EXISTING CONDITIONS

1. VERIFY ALL EXISTING ASSUMED DIMENSIONS AND CONDITIONS (I.E. EXISTING MATERIALS; FRAMING MEMBER SIZES AND LOCATIONS; METHODS OF CONSTRUCTION; ETC.) AT THE SITE PRIOR TO CONSTRUCTION AND FABRICATION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.

FOUNDATIONS

1. FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL WITH AN ASSUMED SAFE BEARING CAPACITY OF 2000 P.S.F. IF SOIL OF THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED, FOOTINGS SHALL BE ENLARGED OR LOWERED AT THE DIRECTION OF THE ARCHITECT. VERIFY FOUNDATION SOIL BEARING PRESSURE IN FIELD BY SOILS ENGINEER.

2. PROVIDE NECESSARY SHEETING SHORING BRACING, ETC. AS REQUIRED DURING EXCAVATIONS TO PROTECT SIDES OF EXCAVATIONS.

3. COMPLY FULLY WITH REQUIREMENTS OF OSHA AND OTHER REGULATORY AGENCIES FOR SAFETY PROVISIONS.

CONCRETE

1. MINIMUM CONCRETE STRENGTH TO BE 3000 P.S.I. @ 28 DAYS, U.O.N.; SLABS SHALL BE 3500 P.S.I. MIN. U.O.N. EXPOSED CONCRETE SHALL BE 4000 PSI WITH 6% + 1% ENTRAINED AIR U.O.N.

   A. PROVIDE 3000 P.S.I. 28-DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.58 MAXIMUM (NON-AIR-ENTRAINED), 5.0 BAG CEMENT MIX FOR ALL FOUNDATION WORK UNLESS NOTED OTHERWISE.

   B. PROVIDE 3500 P.S.I. 28-DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.53 MAXIMUM (NON-AIR-ENTRAINED), 5.5 BAG CEMENT MIX FOR ALL INTERIOR SLABS UNLESS NOTED OTHERWISE.

   C. PROVIDE 4000 P.S.I. 28-DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.45 MAXIMUM (AIR-ENTRAINED), 6.0 BAG CEMENT MIX FOR ALL EXTERIOR CONCRETE UNLESS NOTED OTHERWISE.

2. FLYASH OR GROUND GRANULATED BLAST FURNACE SLAG MAY BE SUBSTITUTED UP TO 25% MAXIMUM OF MIX DESIGN CEMENT CONTENT IN NON-EXPOSED CONCRETE MIXES. DO NOT USE IN EXPOSED MIX DESIGNS.

3. ALL CONCRETE WORK AND PLACEMENT SHALL CONFORM TO THE LATEST RECOMMENDATIONS OF A.C.I.

4. ALL REINFORCING BARS, DOWELS AND TIES SHALL CONFORM TO A.S.T.M. A615 GRADE 60. REINFORCING STEEL SHALL BE CONTINUOUS AND SHALL HAVE MINIMUM 36 BAR DIAMETER LAP AND BE FABRICATED AND PLACED IN ACCORDANCE WITH A.C.I. - 315 LATEST EDITION.

5. REINFORCED CONCRETE WALL FOOTINGS SHALL HAVE CORNER BARS AT ALL INTERSECTIONS OF THE SAME SIZE AND SPACING AS THE MAIN HORIZONTAL REINFORCING.

6. FIELD AND SHOP TESTING OF CONCRETE WORK SHALL INCLUDE INSPECTION OF REINFORCING STEEL PLACEMENT, REBARS, NUMBER, LOCATION, AND LAP SPLICE LENGTH.

7. PROVIDE DOWELS INTO FOUNDATION TO MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT AT ALL COLUMNS AND WALLS, UNLESS OTHERWISE NOTED.

8. UNLESS OTHERWISE SHOWN, PROVIDE THE FOLLOWING COVER FOR REINFORCING STEEL:

A. UNFORMED SURFACES IN CONTACT WITH EARTH	-3 IN.
B. UNFORMED SURFACES OVER MOISTURE BARRIERS	-2 IN.
C. FORMED SURFACES EXPOSED TO EARTH OR WEATHER	
OR WATER PROOFING/DAMP PROOFING	
#6 OR LARGER	-2 IN.
#5 OR SMALLER	-1 1/2 IN.
D. FORMED SURFACES NOT EXPOSED TO EARTH	
OR WEATHER	
SLABS AND WALLS	-3/4 IN.
COLUMNS	-1 1/2 IN.
BEAMS AND GIRDERS	-1 1/2 IN.

SHORING

1. SHORE STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY.

2. ALL SHORING, UNDERPINNING, ETC., SHALL BE PERFORMED BY EXPERIENCED CONTRACTORS.

3. SHORE, UNDERPIN, ETC., ALL QUESTIONABLE AREAS PRIOR TO REMOVAL OF ANY STRUCTURAL SUPPORT TO INSURE STRUCTURAL INTEGRITY.

4. MAINTAIN SHORING UNTIL NEW PERMANENT STRUCTURE IS IN PLACE AND SECURE TO MAINTAIN STRUCTURAL INTEGRITY.

5. REMOVE SHORING AFTER NEW WORK IS IN PLACE AND CONNECTED.

WOOD

1. WOOD CONSTRUCTION SHALL BE PER AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) STANDARDS AND SPECIFICATIONS, AND NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) AS PUBLISHED BY NATIONAL FOREST PRODUCTS ASSOCIATION.

2. ALL LUMBER FRAMING MEMBERS ARE TO HAVE THE FOLLOWING MINIMUM BASE DESIGN VALUES IN ACCORDANCE WITH THE LATEST ISSUE OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) AS PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION (NFPA):

   Fb = 850 P.S.I.
   fv = 135 P.S.I.
   E = 1,300,000 P.S.I.
   NO. 2 OR BETTER

3. PLYWOOD OR ORIENTED STRAND BOARD FOR FLOORS: 3/4" TONGUE AND GROOVE, U.N.O. STAGGER PLYWOOD JOINTS BETWEEN ROWS OF SHEATHING (OFFSET 4'-0" EACH ROW).

4. HANGERS, STRAPS, CLIPS AND HOLDOWNS SHALL BE MANUFACTURED BY THE "SIMPSON MANUFACTURING COMPANY". ALL EXTERIOR CONNECTIONS ARE TO BE GALVANIZED.

5. PROVIDE DOUBLE CRIPPLE STUD AT EACH END OF WOOD HEADERS, TYPICAL, UNLESS NOTED OTHERWISE.

6. ALL STRUCTURAL LSL RIMBOARDS TO HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES BASED ON AITC GRADING STANDARDS:

   Fb = 1700 PSI
   Fv = 425 PSI
   $Fc_{\perp}$ = 710 PSI
   E = 1,300,000 PSI

7. TIMBER SUPPLIER SHALL BE A MEMBER OF AITC. TIMBER CONNECTIONS TO BE DESIGNED AND DETAILED BY TIMBER SUPPLIER, WITH FABRICATION BY STEEL FABRICATOR.

8. UNLESS OTHERWISE NOTED, PROVIDE 2-2X8 HEADER FOR OPENINGS IN STUD WALLS FOR SPANS UP TO 3'-0 MAXIMUM.

9. ALL FABRICATION SHOPS SHALL BE APPROVED BY THE BUILDING DEPARTMENT AND ENGINEER PRIOR TO ANY WORK BEING PERFORMED. SUBMIT ALL CERTIFICATIONS AND DOCUMENTATION FOR THEIR REVIEW. WOOD TRUSS DOCUMENTS SUBMITTED BY THE WOOD TRUSS SUPPLIER IS A "DEFERRED SUBMITTAL" PER SECTION 107.3.4.1 OF THE MBC 2015

10. STACK ALL BEARING STUDS, CRIPPLE STUDS AND POSTS FROM FLOORS AND ROOF ABOVE DOWN TO FOUNDATION.

11. NOTCHED AND/OR CUT STUDS TO CLEAR ANCHOR BOLTS ARE NOT ALLOWED. STUDS SHALL HAVE FULL-BEARING TO THE FOUNDATION PLATE.

12. LET-IN BRACES SHALL NOT BE USED FOR TEMPORARY BRACING ON ANY WALL FRAME. STEEL STRAPS WHICH DO NOT REQUIRE CUTTING OF STUDS ARE ACCEPTABLE.

13. FASTEN WOOD MEMBERS IN ACCORDANCE WITH MBC TABLE 2304.10.1.

SPECIAL INSPECTION

1. WORK CONSTRUCTED SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY TO ENSURE COMPLIANCE WITH THE REQUIREMENTS SHOWN ON THE DRAWINGS. INSPECTIONS REQUIRED BY CHAPTER 17 OF THE MICHIGAN BUILDING CODE; LOCAL BUILDING DEPARTMENTS AND THE CONTRACT DOCUMENTS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY. SITE VISITS BY THE DESIGN ENGINEER DO NOT CONSTITUTE OR REPLACE INSPECTION

2. THE FOLLOWING ITEMS SHALL BE INSPECTED IN ACCORDANCE WITH MBC 2015 SEC. 1704 & 1705 BY A CERTIFIED SPECIAL INSPECTOR UNLESS NOTED OTHERWISE IN REMARKS COLUMN. ALL INSPECTION SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. ALL PRODUCTS WITH ICC APPROVALS SHALL BE INSTALLED PER THE APPROVAL AND PER MANUFACTURER'S RECOMMENDATIONS. FOR MATERIAL TESTING REQUIREMENTS, SEE SPECIFICATIONS AND/OR GENERAL NOTES. TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT.

   INSPECTION OF FABRICATOR'S (SEC. 1704.2.5) *

   FABRICATION AND IMPLEMENTATION PROCEDURES 1704.2.5.1

   *SPECIAL INSPECTION IS NOT REQUIRED FOR FABRICATOR SHOP IF CERTIFICATE OF APPROVAL SUBMITTED BY FABRICATOR'S INSPECTION AGENCY PER EXCEPTION 1704.2.5.1

TABLE 1705.2.2
REQUIRED VERIFICATION AND
INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:				
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	"	X	"	APPLICABLE ASTM MATERIAL STANDARDS
b. MANUFACTURER'S CERTIFIED TEST REPORTS.	"	X	"	-
2. INSPECTION OF WELDING:				
a. COLD-FORMED STEEL DECK:				
1) FLOOR AND ROOF DECK WELDS.	"	X	"	AWS D1.3
b. REINFORCING STEEL:				
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.	-	X	-	AWS D1.4 ACI 318: SECTION 3.5.2
2) REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	X	-	-	
3) SHEAR REINFORCEMENT.	X	-	-	
4) OTHER REINFORCING STEEL.	-	X	-	

TABLE N5.6-1
INSPECTION TASKS PRIOR TO BOLTING

INSPECTION TASKS PRIOR TO BOLTING	QC	QA	NOT APPLICABLE
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P	-
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O	-
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	O	-
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O	-
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O	-
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	O	-
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTNER COMPONENTS	O	O	-

SPECIAL INSPECTION(CONT.)

TABLE N5.6-2
INSPECTION TASKS DURING BOLTING

INSPECTION TASKS DURING BOLTING	QC	QA	NOT APPLICABLE
FASTENERS ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	O	O	-
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	O	-
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O	-
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O	-

TABLE N5.6-3
INSPECTION TASKS AFTER BOLTING

INSPECTION TASKS AFTER BOLTING	QC	QA	NOT APPLICABLE
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O	-

O - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

REQUIRED VERIFICATION
AND INSPECTION OF MASONRY CONSTRUCTION (LEVEL B QUALITY ASSURANCE)

MINIMUM TESTS				
VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) AS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.5 B.1.b.3 FOR SELF-CONSOLIDATING GROUT				
VERIFICATION OF f'_g AND f'_{AGC} IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.4B PRIOR TO CONSTRUCTION, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THIS CODE				
MINIMUM INSPECTION				
INSPECTION TASK	FREQUENCY (a) CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCE FOR CRITERIA TMS 402/ACI 530/ASCE 5	TMS 602/ACI 530.1/ASCE 6
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS		X			ART. 1.5
2. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
a. PROPORTIONS OF SITE-PREPARED MORTAR.		X			ART. 2.1, 2.6A
b. CONSTRUCTION OF MORTAR JOINTS.		X			ART. 3.3B
c. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.		X			ART. 2.4B, 2.4H
d. LOCATION OF REINFORCEMENT, CONNECTORS, PRESTRESSING TENDONS AND ANCHORAGES.		X			ART. 3.4, 3.6A
e. PRESTRESSING TECHNIQUE.		X			ART. 3.6B
f. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X(b)	X(c)			ART. 2.1C
3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
a. GROUT SPACE		X			ART. 3.2D, 3.2F
b. GRADE, TYPE AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES		X			ART. 2.4, 3.4
c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES		X			ART. 3.2E, 3.4, 3.6A
d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.					
e. CONSTRUCTION OF MORTAR JOINTS.		X			ART. 3.3B
4. VERIFY DURING CONSTRUCTION:					
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X			ART. 3.3F
b. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION		X		SEC. 1.16.4.3, 1.17.1	
c. WELDING OF REINFORCEMENT	X			SEC. 2.1.7.7.2, 3.3.3.4(c), 8.3.3.4(b).	
d. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F (4.4°C) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C)		X			ART. 1.8C, 1.8D
e. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X				ART. 3.6B
f. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	X				ART. 3.5, 3.6C
g. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X(b)	X(c)			ART. 3.3 B.8
5. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS		X			ART. 1.4 B.2.a.2 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

(a). FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.

(b). REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF ACC MASONRY.

(c). REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF ACC MASONRY.

TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	NOT APPLICABLE	REFERENCED STANDARD [b]	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	-	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING:					
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	-	X	-	AWS D1.4 ACI 318: 26.6.4	-
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16" AND	-	X	-		
c. INSPECT ALL OTHER WELDS.	x	-	-		
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	-	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.[a]					
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENTION LOADS.	X	-	-	ACI 318: 17.8.2.4	-
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	-	X	-	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	-	ACI 318: CH.19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	-	ASTM C172 ASTM C31 ACI 318: 26.4,26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	-	ACI 318: 26.5	1908.6, 1908.7, 2908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	-	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR:					
a. APPLICATION OF PRESTRESSING FORCES; AND	X	-	-	ACI 318: 26.10	-
b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	-		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	-	ACI 318: CH. 26.8	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	-	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	-	ACI 318: 26.11.1.2(b)	-

FOR SI: 1 INCH = 25.4 MM

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

SPECIAL INSPECTION(CONT.)

TABLE 1705.6
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	NOT APPLICABLE
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	

DESIGN CRITERIA		
CODE: MBC 2015 THE STRUCTURE IS DESIGNED FOR THE FOLLOWING LIVE LOADS, IN ADDITION TO THE LATERAL LOADS, SUPER-IMPOSED DEAD LOADS, & SELF WEIGHT OF THE STRUCTURE. WHERE APPLICABLE LIVE LOADS ARE REDUCED IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING CODE. A. AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI-318). B. MANUAL OF STEEL CONSTRUCTION BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION (LATEST EDITION). C. LATEST MASONRY STANDARDS JOINT COMMITTEE (MSJC) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (TMS 402/ACI 530/ASCE 5) AND SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 602/ACI 530.1/ASCE 6) D. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) STANDARDS AND SPECIFICATIONS. E. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) AS PUBLISHED BY AMERICAN FOREST AND PAPER ASSOCIATION.		
		CODE REFERENCE
BUILDING OCCUPANCY CATEGORY	III	MBC-Table 1604.5 ASCE Table 1.5-1

FLOOR LIVE LOADS		
		CODE REFERENCE
RESIDENTIAL DECK	40 PSF	ASCE Table 4-1

NOTE: HANDRAILS AND GUARDS TO BE DESIGNED TO RESIST A LINEAR LOAD OF 50 POUNDS PER LINEAR FOOT. PER SECTION 1607.8.1 OF THE MBC BUILDING CODE AND A CONCENTRATED LOAD OF 200 POUNDS CONCENTRATED LOAD PER SECTION 1607.8.1.1 OF THE MBC BUILDING CODE.

NOTE: GRAB BARS SHALL BE DESIGNED TO RESIST A SINGLE CONCENTRATED LOAD OF 250 POUNDS PER SECTION 1607.8.2 PER MBC BUILDING CODE

SNOW LOADS/ROOF LIVE LOADS		
SNOW CRITERIA		CODE REFERENCE
GROUND SNOW LOAD	Pg = 20 PSF	MBC FIG. 1608.2 ASCE Fig. 7-1
FLAT ROOF SNOW LOAD	Pf = 20 PSF (MINIMUM)	ASCE Sec. 7.3
EXPOSURE FACTOR	Ce = 1.0	ASCE Table 7-2
IMPORTANCE FACTOR	I = 1.0	ASCE Table 1.5-2
THERMAL FACTOR	Ct = 1.0	ASCE Table 7-3
ROOF LIVE LOADS	Lr = 20 PSF	ASCE Table 4-1
NOTE: SNOW LOADS ADJACENT VERTICAL PROJECTIONS, ON LOWER ROOFS, ADJACENT TO HIGH ROOFS, OR SLOPED ROOFS ARE INCREASED FOR THE EFFECT OR DRIFTING		

WIND LOADS		
WIND CRITERIA		CODE REFERENCE
BASIC WIND SPEED (3 SEC. GUST)	V = 120 MPH, V = 93 MPH ALLOWABLE	ASCE FIG. 26.5-1A, 26.5-1B, 26.5-1C
RISK CATEGORY	III	ASCE Table 1.5-1
EXPOSURE CATEGORY	B	ASCE Sec. 26.7.3
INTERNAL PRESSURE COEFFICIENT	± 0.18 (ENCLOSED)	ASCE TABLE 26.11-1
MWFRS ANALYSIS PROCEDURE	DIRECTIONAL PROCEDURE	ASCE CHAP. 27
COMPONENTS AND CLADDING	± 33 PSF MINIMUM ULTIMATE AND PER CODE REQUIREMENTS BASED ON ABOVE INFORMATION	ASCE Sec. 30.2.2

SEISMIC LOADS		
SEISMIC CRITERIA		CODE REFERENCE
SEISMIC RISK CATEGORY	II	ASCE Table 1.5-1
SEISMIC IMPORTANCE FACTOR	I = 1.0	ASCE Table 1.5-2
-0.2 SEC MAPPED SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING) Ss	Ss = .089	ASCE Sec. 11.4
-1.0 SEC MAPPED SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING) S1	S1 = .045	ASCE Sec. 11.4
SOIL SITE CLASS	D	ASCE Sec. 11.4.2
SEISMIC DESIGN CATEGORY	B	ASCE Sec. 11.6

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

DATE	ISSUE
03.07.25	Permits
06.26.26	UPDATED BIDS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

GENERAL NOTES

DRAWING NUMBER

S.200

MECHANICAL ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED ON THIS PROJECT

AC	AIR CONDITIONING
ACC-#	AIR COOLED CHILLER
ACCU-#	AIR COOLED CONDENSING UNIT
ACU-#	AIR CONDITIONING UNIT
A.F.F.	ABOVE FINISHED FLOOR
AFS-#	AIRFLOW SENSOR
AHU-#	AIR HANDLING UNIT
A.L.	ACOUSTIC DUCT LINER
ALT.	ALTERNATIVE
AMB.	AMBIENT
ARCH.	ARCHITECT(URAL)
AS-#	AIR SEPARATOR
A.T.	AIR TRANSFER
A.T.R.	AIR TEMPERATURE RISE
A.T.V.	AIR TURNING VANES
B-#	BOILER
B.D.	BAROMETRIC DAMPER
B.D.D.	BACK DRAFT DAMPER
B.H.P.	BREAK HORSE POWER
BLDG.	BUILDING
B.O.D.	BOTTOM OF DUCT
BOT.	BOTTOM
CAB.	CABINET
CD-#	CEILING DIFFUSER
C.A.	COMBUSTION AIR
CFM	CUBIC FEET PER MINUTE
CLG.	CEILING
COL.	COLUMN
CON-#	CONVECTOR
CONC.	CONCRETE
COND.	CONDENSER(ATE)
CONSTR.	CONSTRUCTION
CONTR.	CONTRACTOR
CP-#	CONDENSATE PUMP
CPRSR.	COMPRESSOR
CRAC-#	COMPUTER ROOM AIR CONDITIONER
CRU-#	CONDENSATE RETURN UNIT
CT-#	COOLING TOWER
CUH-#	CABINET UNIT HEATER
CU-#	CONDENSING UNIT
D.A.	DRY BULB TEMPERATURE
DAC-#	DOOR AIR CURTAIN
DF-#	GAS FIRED DUCT FURNACE
DG-#	DOOR GRILLE
DH-#	DUCT HEATER
DIA/Ø	DIAMETER
DS-#	DUCTLESS SPLIT
DU-#	NATATORIUM DEHUMIDIFICATION UNIT
DXC-#	DX COOLING COIL
(E)	EXISTING
E.A.	EXHAUST AIR
EAH-	INTAKE/EXHAUST HOOD - ROOF
EDH-#	ELECTRIC DUCT HEATER
EF-#	EXHAUST FAN
EFF.	EFFICIENCY
EFTR-#	ELECTRIC FINNED TUBE RADIATOR
EG-#	EXHAUST GRILLE
EH-#	ELECTRIC HEATER
ELEC.	ELECTRIC(AL)
ELEV.	ELEVATOR
EMER.	EMERGENCY
EQUIP.	EQUIPMENT
ERCP-#	ELECTRIC RADIANT CEILING PANEL
ERV-#	ENERGY RECOVERY VENTILATOR
ET-#	EXPANSION TANK
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F.A.	FRESH AIR
FCU-#	FAN COIL UNIT
F/SD	COMBINATION FIRE & SMOKE DAMPER
F-DMPR	FIRE DAMPER
FE-#	FURNACE ECONOMIZER
FEA-#	FUME EXTRACTOR ARM
FES-#	FURNACE ECONOMIZER SECTION
FFU-#	HEPA FILTER FAN
FG-#	FLOOR GRILLE
F.F.	FINISHED FLOOR
FPB-#.#	FAN POWERED BOX
FR-#	FILTER RETURN
FTR-#	FINNED TUBE RADIATOR
F-#/FUR-#	FURNACE
GF-#	GLYCOL FEEDER
GHP-#	GEOTHERMAL HEAT PUMP
GUH-#	GAS FIRED UNIT HEATER
H-#	ELECTRIC/STEAM HUMIDIFIER
H.P.	HORSEPOWER
HP-#	HEAT PUMP
HTR.	HEATER
HV-#	HEATING AND VENTILATING UNIT
HVAC-#	HEATING/VENTILATING/AIR CONDITIONING UNIT
HVLS-#	HIGH VOLUME LOW SPEED FAN
HWC-#	HOT WATER COIL
HX-#	SHELL AND TUBE HEAT EXCHANGER
IH-#	INTAKE HOOD
INSUL.	INSULATION/INSULATE
IRH-#	INFRARED TUBE HEATER
KEF-#	KITCHEN EXHAUST FAN
KH-#	KITCHEN HOOD
KW	KILOWATT
LD-#	LINEAR DIFFUSER
LV-#	LOUVER
M	METER
MAU-#	MAKE-UP AIR UNIT
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MTD.	MOUNTED
NG	NATURAL GAS
N.I.C.	NOT IN CONTRACT
NO./#	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.E.D.	OPEN ENDED DUCT
P-#	PUMP
PR-#	HOT WATER PANEL RADIATOR
PRV-#	STEAM PRESSURE REDUCING VALVE
PTAC-#	PACKAGE THROUGH WALL AIR CONDITIONING UNIT
R/RAD.	RADIUS
R.A.	RETURN AIR
RCP-#	RADIANT CEILING PANEL
REG.	REGISTER
REQD.	REQUIRED
RG-#	RETURN AIR GRILLE
RH-#	RELIEF HOOD
RM.	ROOM
R.P.M.	REVOLUTIONS PER MINUTE
RTU-#	ROOFTOP UNIT
S.A.	SUPPLY AIR
SCHED.	SCHEDULE
SG-#	SUPPLY AIR GRILLE
SHT.	SHEET
SIM.	SIMILAR
SMZ-#	SNOW MELT SYSTEM
S.P.	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SSF-#	PACKAGED SIDE STREAM CENTRIFUGAL SEPARATOR
STD.	STANDARD
T.A.D.	TRANSFER AIR DUCT
TG-#	TRANSFER GRILLE
T.C.	TEMPERATURE CONTROL
TEMP.	TEMPERATURE
TXV-#	THERMAL EXPANSION VALVE
TYP.	TYPICAL
UH-#	UNIT HEATER
U.O.N.	UNLESS OTHERWISE NOTED
USG-#	UNFIRED STEAM GENERATOR
UV-#	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME
V.D.	VOLUME DAMPER
VEL.	VELOCITY
V.I.F.	VERIFY IN FIELD
VPTW-#	VERTICAL PACKAGED THROUGH WALL AIR CONDITIONER
V.T.R.	VENT-THRU-ROOF
VV-#	VENTURI VALVE
VVB-#	VARIABLE VOLUME BOX
VVT-#	VARIABLE VOLUME TERMINAL
w/	WITH
W.B.	WET BULB
WCCH-#	WATER COOLED CHILLER
WH-#	WATER HEATER
WWHP-#	WATER TO WATER HEAT PUMP

MECHANICAL SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

SYMBOL	DESCRIPTION
	RETURN AIR GRILLE
	RETURN AIR GRILLE WITH SOUND BOOT
	SUPPLY AIR DIFFUSER
	ACOUSTIC TRANSFER AIR DUCT
	LINEAR SUPPLY DIFFUSER
	HORIZONTAL FIRE DAMPER
	VERTICAL FIRE DAMPER
	VOLUME DAMPER
	VERTICAL SMOKE DAMPER
CO2	CARBON DIOXIDE SENSOR
T	THERMOSTAT OR SENSOR
H	HUMIDISTAT
	CONNECT NEW TO EXISTING

SYMBOL	DESCRIPTION
36x24	SUPPLY AIR ELBOW UP DIMENSION DESCRIPTION: 1ST FIGURE = SIDE SHOWN 2ND FIGURE = SIDE NOT SHOWN ALL SIZES IN INCHES
X	SUPPLY AIR ELBOW DOWN
	EXHAUST/RETURN AIR ELBOW UP
	EXHAUST/RETURN AIR ELBOW DOWN
36x12 24x12	DOUBLE SIDE TRANSITION TRANSITION SLOPE SPECIFICATION: MINIMUM SLOPE = 15° MAXIMUM SLOPE = 45° ALL SIZES IN INCHES
36x12 24x12	SINGLE SIDE TRANSITION
36x18 36x12	TOP TRANSITION (SLOPE ON TOP)
36x18 18Ø	RECTANGULAR TO ROUND TRANSITION
14Ø	ELBOW UP DIMENSION DESCRIPTION: 14"Ø = ROUND DUCT 24"x12" FO = FLAT OVAL DUCT
	ELBOW DOWN
R	ELBOW - RADIUS (R) = 1.5 TIMES DIAMETER OF DUCT

MECHANICAL GENERAL NOTES:

1. COORDINATE NEW DUCTWORK WITH BUILDING STRUCTURAL CONDITIONS, EQUIPMENT MANUFACTURER RECOMMENDATIONS AND ALL OTHER TRADES TO AVOID INTERFERENCES.
2. PROVIDE ACCESS AROUND ALL NEW EQUIPMENT PER MANUFACTURERS RECOMMENDATIONS.
3. ALL MECHANICAL RELATED CORING THROUGH WALLS AND FLOORS SHALL BE BY MECHANICAL CONTRACTOR. SEAL ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS WITH U.L. RATED CAULK SEALANT IN ACCORDANCE WITH THE SPECIFICATION REQUIREMENTS.
4. ALL DUCTWORK SHALL BE ROUTED AS HIGH AS POSSIBLE ABOVE CEILINGS OR IN ARCHITECTURAL SOFFITS, WHERE INDICATED ON DRAWINGS.
5. COORDINATE ROUTING WITH ARCHITECTURAL AND STRUCTURAL TRADES TO AVOID INTERFERENCES.
6. ALL NEW DUCT SIZES TO DIFFUSERS SHALL MATCH NECK SIZE OF DIFFUSER OR GRILLE.
7. COORDINATE EXACT LOCATIONS OF DIFFUSERS AND RETURN GRILLES WITH ARCHITECTURAL AND ELECTRICAL REFLECTED CEILING PLANS AND ARCHITECTURAL INTERIOR ELEVATIONS.
8. COORDINATE ALL T-STAT HEIGHTS ABOVE FINISHED FLOOR WITH ARCHITECTURAL TRADES.
9. BALANCE AIR SYSTEMS TO VALUES INDICATED ON DRAWINGS.
10. ALL FLEXIBLE DUCTWORK SHALL BE LIMITED TO 5'-0" MAXIMUM LENGTH FROM HARD DUCT CONNECTION TO ROUND NECK SUPPLY AIR DIFFUSERS. FLEX DUCT APPROVED ABOVE ACCESSIBLE CEILING ONLY.

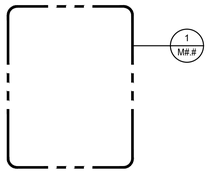
DEMOLITION GENERAL NOTES:

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8. CAP AND SEAL AIRTIGHT ALL UNUSED OPENINGS ON THE RETURN AND SUPPLY DUCTWORK.

MECHANICAL LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

DRAWING CALL OUT



DRAWING MATCH LINE

M#.#
M#.#

DEMOLITION SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

SYMBOL	DESCRIPTION
	EXISTING SERVICE AND OR EQUIPMENT TO BE REMOVED.
	EXISTING SERVICE AND OR EQUIPMENT TO REMAIN.
	NEW SERVICE AND OR EQUIPMENT.
	EXISTING SERVICE TO BE CAPPED
	DEMOLITION LIMIT AND POINT OF NEW CONNECTION.
	NEW CONNECTION TO EXISTING SERVICE AND OR EQUIPMENT.
(R&R)	REMOVE AND RELOCATE EXISTING EQUIPMENT.
(R)	RELOCATED EQUIPMENT
(E)	EXISTING
(N)	NEW
(CFM)	BALANCE TO INDICATED CFM AIRFLOW

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

GENERAL MECHANICAL INFORMATION

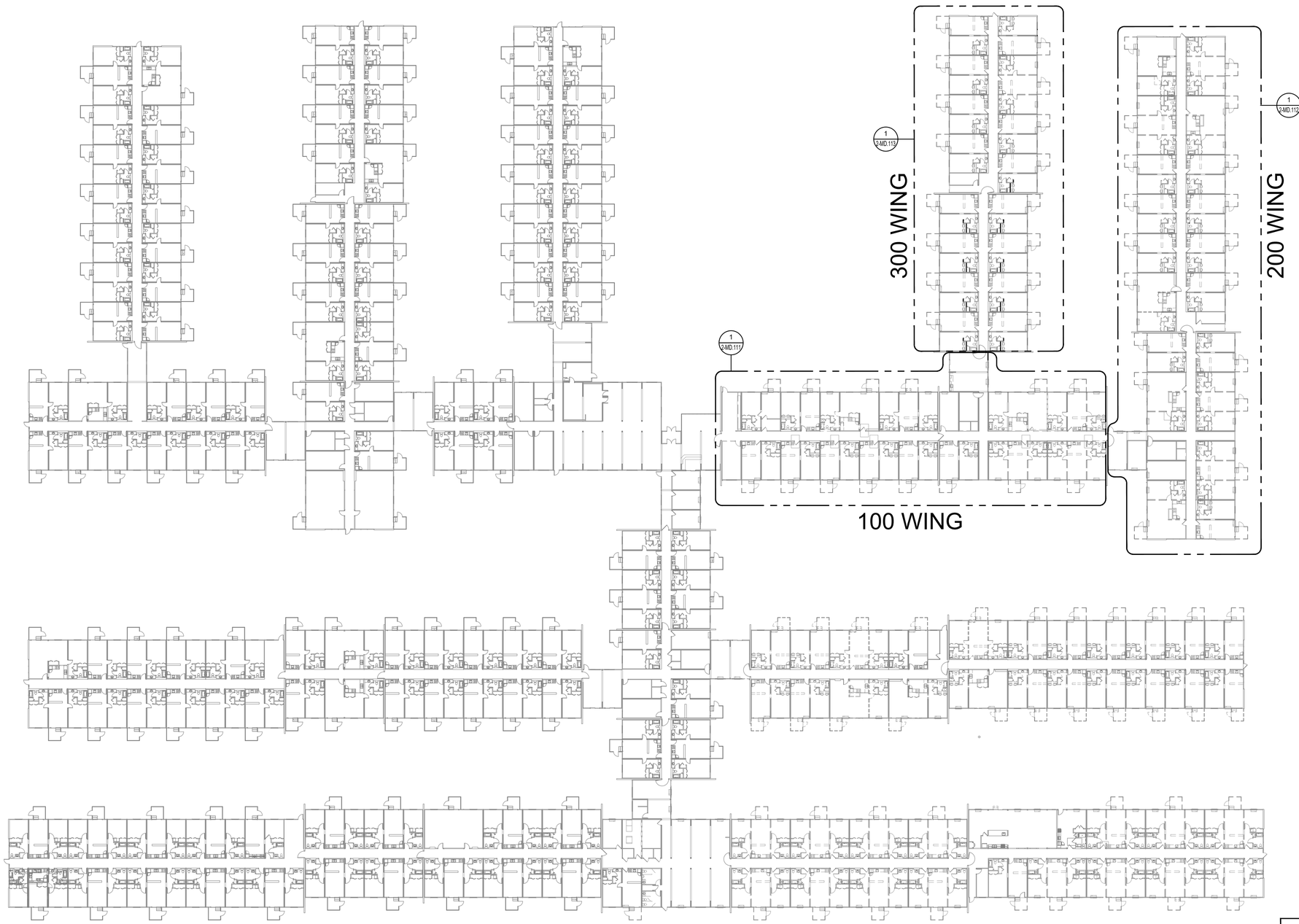
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NORTH

1 / 2-MD.101 OVERALL FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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

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ENGINEER
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LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

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FSP PROJECT NO.
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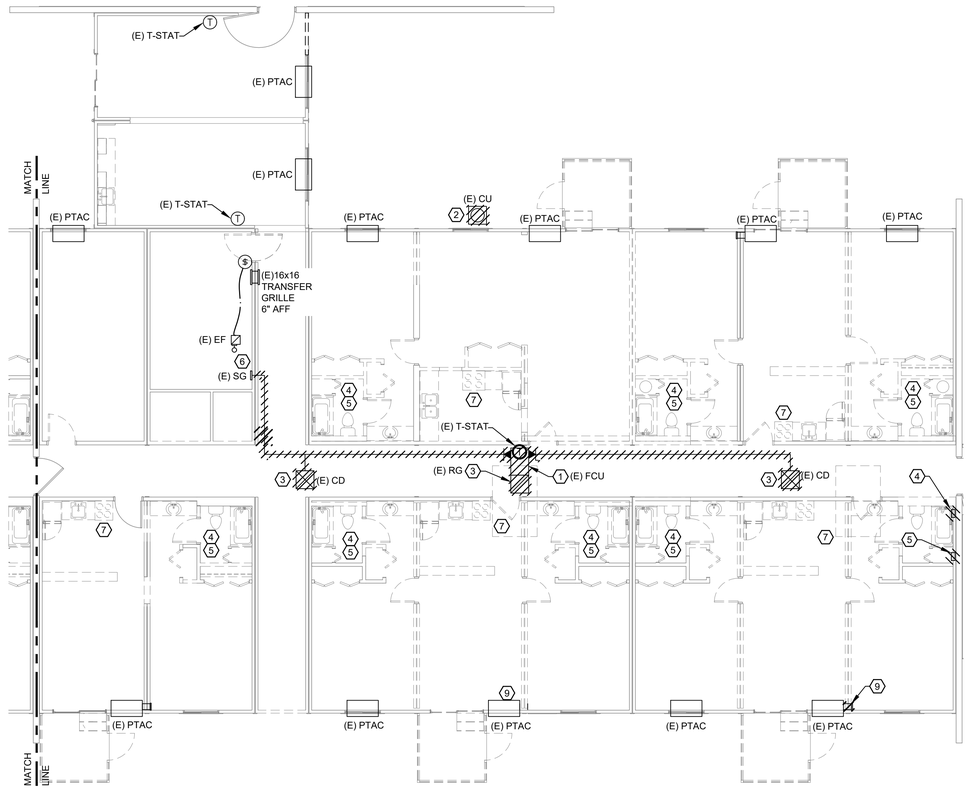
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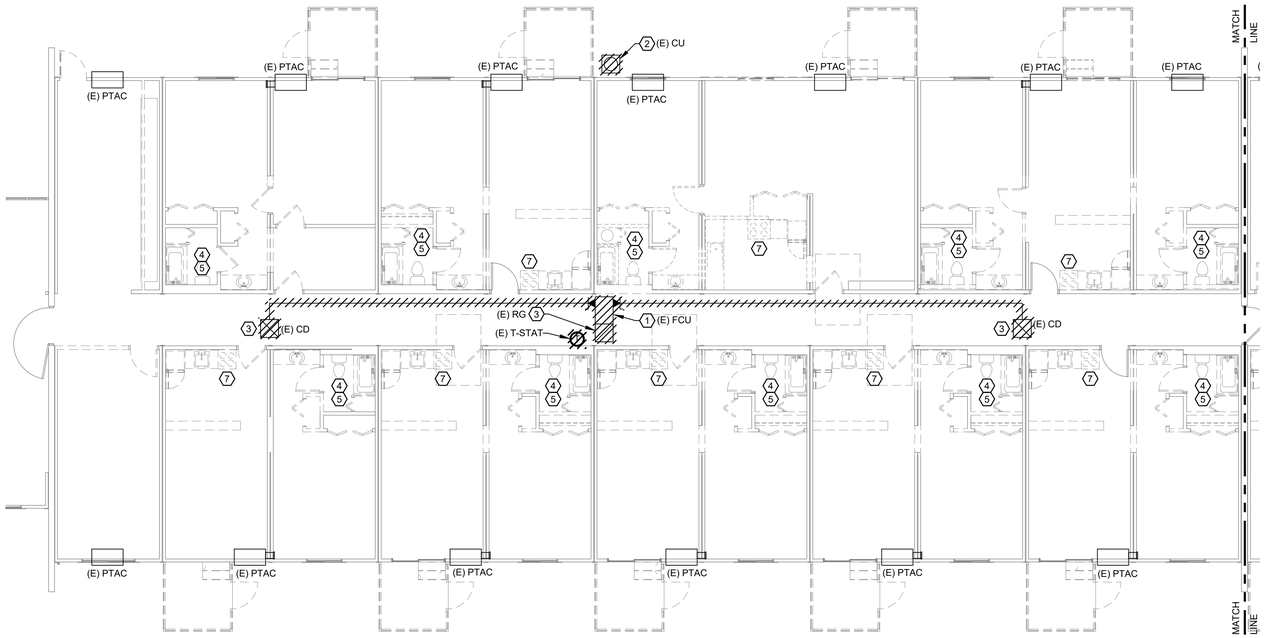
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NORTH

1 / 2-MD.111

100 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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

GENERAL NOTES:

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7. REMOVE (E) KITCHEN RANGE HOOD. ASSOCIATED EXHAUST DUCT TO REMAIN FOR CONNECTION TO KITCHEN EXHAUST FAN.
8. REMOVE DUCTED SECTION OF PTAC AND CAP.
9. RELOCATE (E)PTAC. REFER TO NEW WORK PLANS FOR LOCATION. REVISE WALL SLEEVE AND POWER AS REQUIRED.

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ENGINEER
No. 6201059789
REGISTERED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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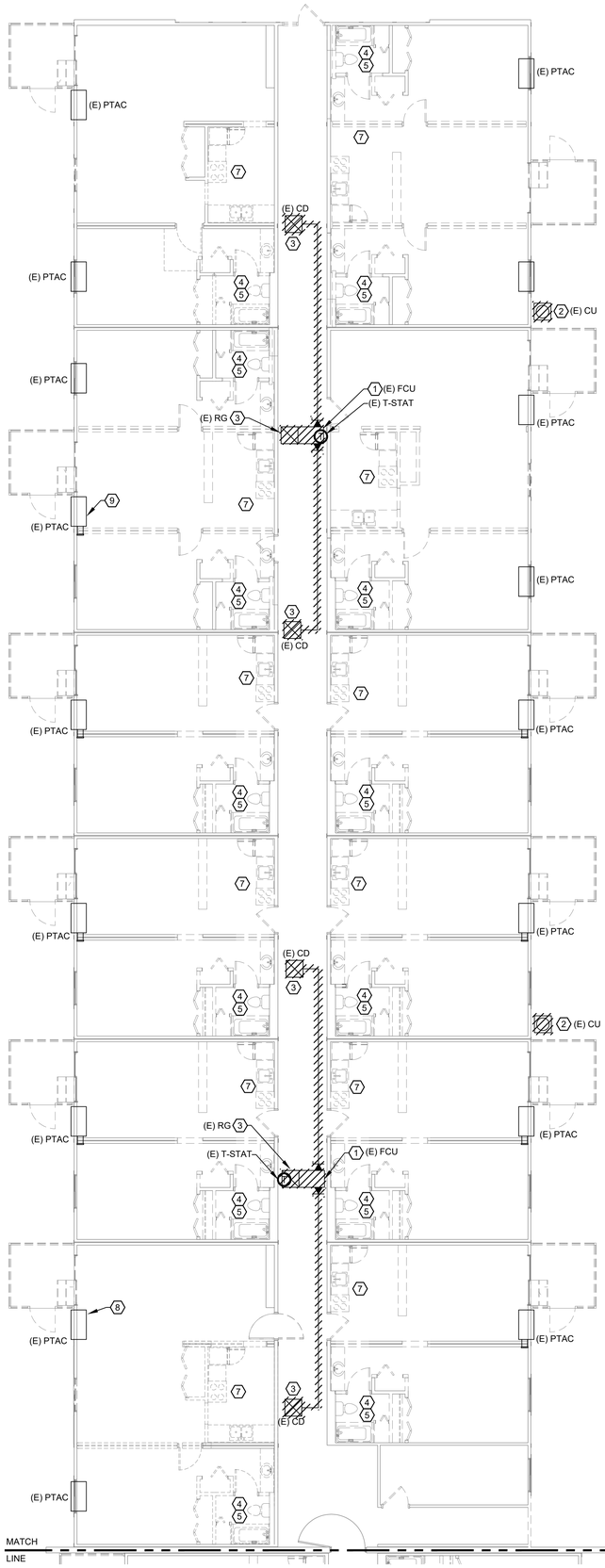
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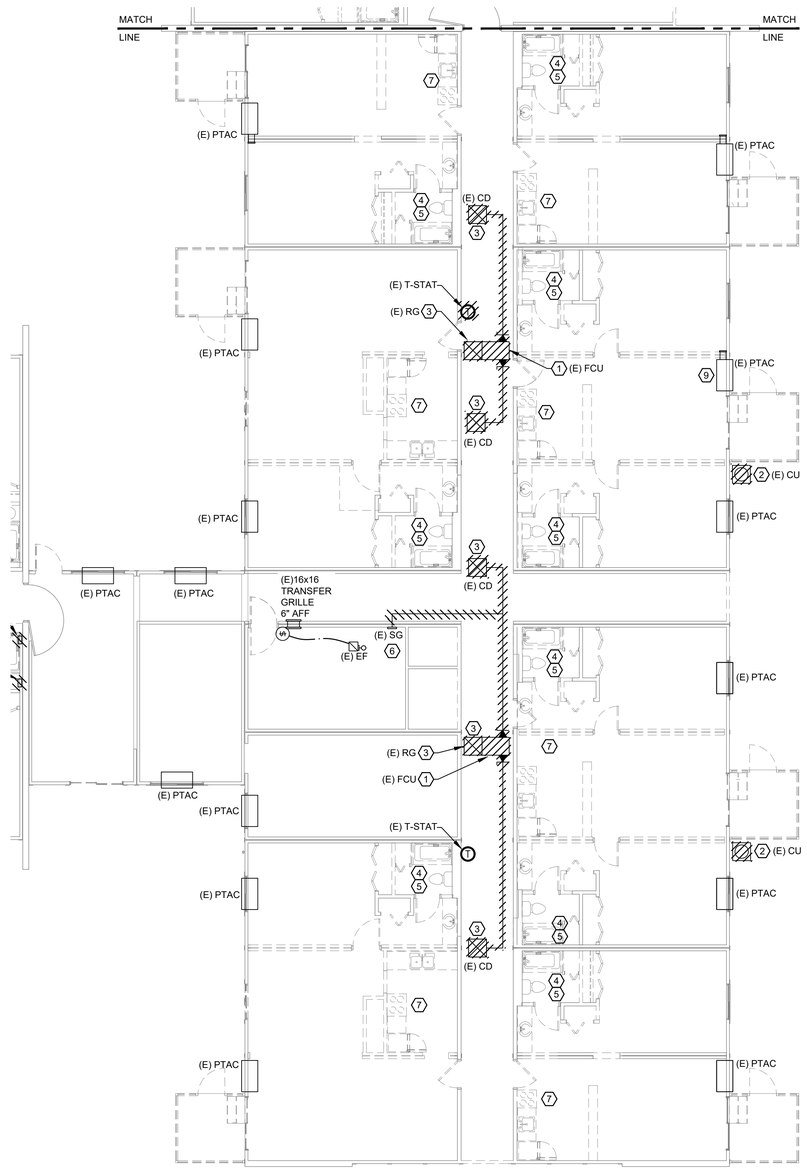
DRAWING TITLE

100 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

DRAWING NUMBER

2-MD.111





GENERAL NOTES:

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200 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

1 / 2-MD.112 SCALE: 1/8" = 1'-0"

NORTH

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

200 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

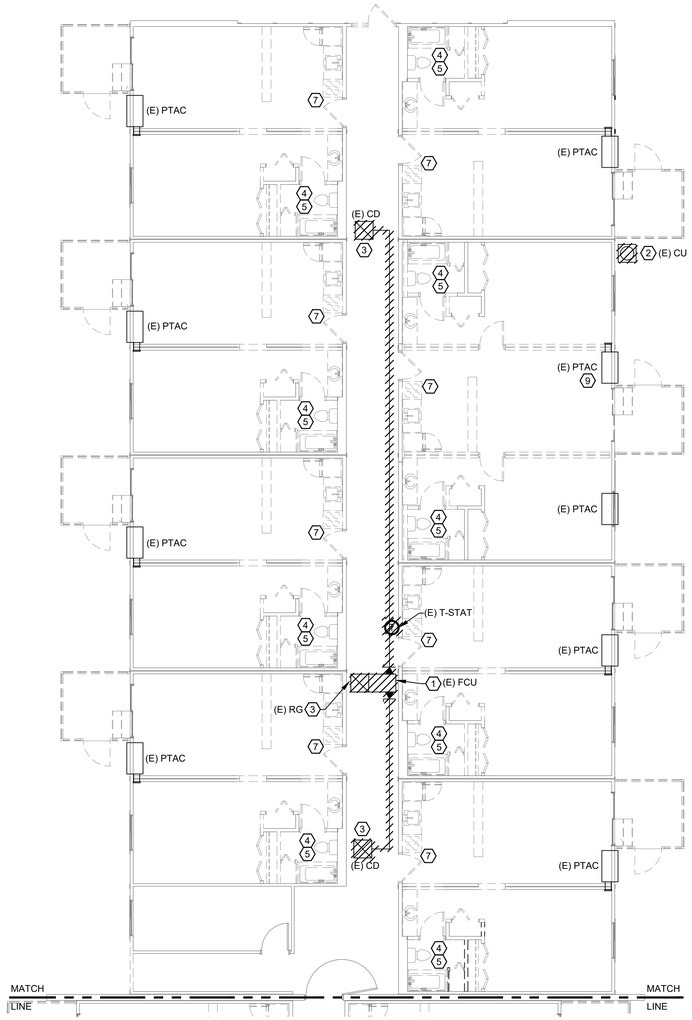
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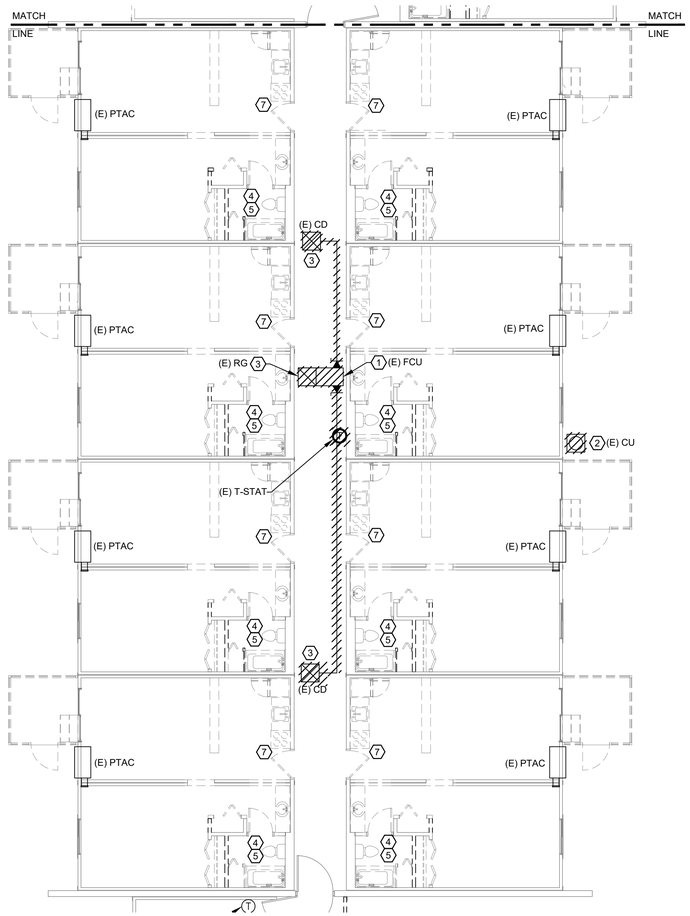
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MEEC JOB # 23-0017

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4. REMOVE (E) EXHAUST FAN FROM BATHROOM GROUP. TYPICAL OF ALL UNITS. EXHAUST DUCT THROUGH ROOF TO REMAIN.
5. REMOVE (E) WALL HEATER. TYPICAL OF ALL UNITS.
6. EXISTING SUPPLY GRILLE IN LAUNDRY ROOM TO REMAIN. DEMO EXISTING CONNECTED DUCTWORK.
7. REMOVE (E) KITCHEN RANGE HOOD. ASSOCIATED EXHAUST DUCT TO REMAIN FOR CONNECTION TO KITCHEN EXHAUST FAN.
8. REMOVE DUCTED SECTION OF PTAC AND CAP.
9. RELOCATE (E)PTAC. REFER TO NEW WORK PLANS FOR LOCATION. REVISE WALL SLEEVE AND POWER AS REQUIRED.

300 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

1 / 2-MD.113 SCALE: 1/8" = 1'-0"

NORTH

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ARCHITECTS AND PLANNERS

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STATE OF MICHIGAN
JORDAN KOENIG
ENGINEER
No. 6201059789
REGISTERED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

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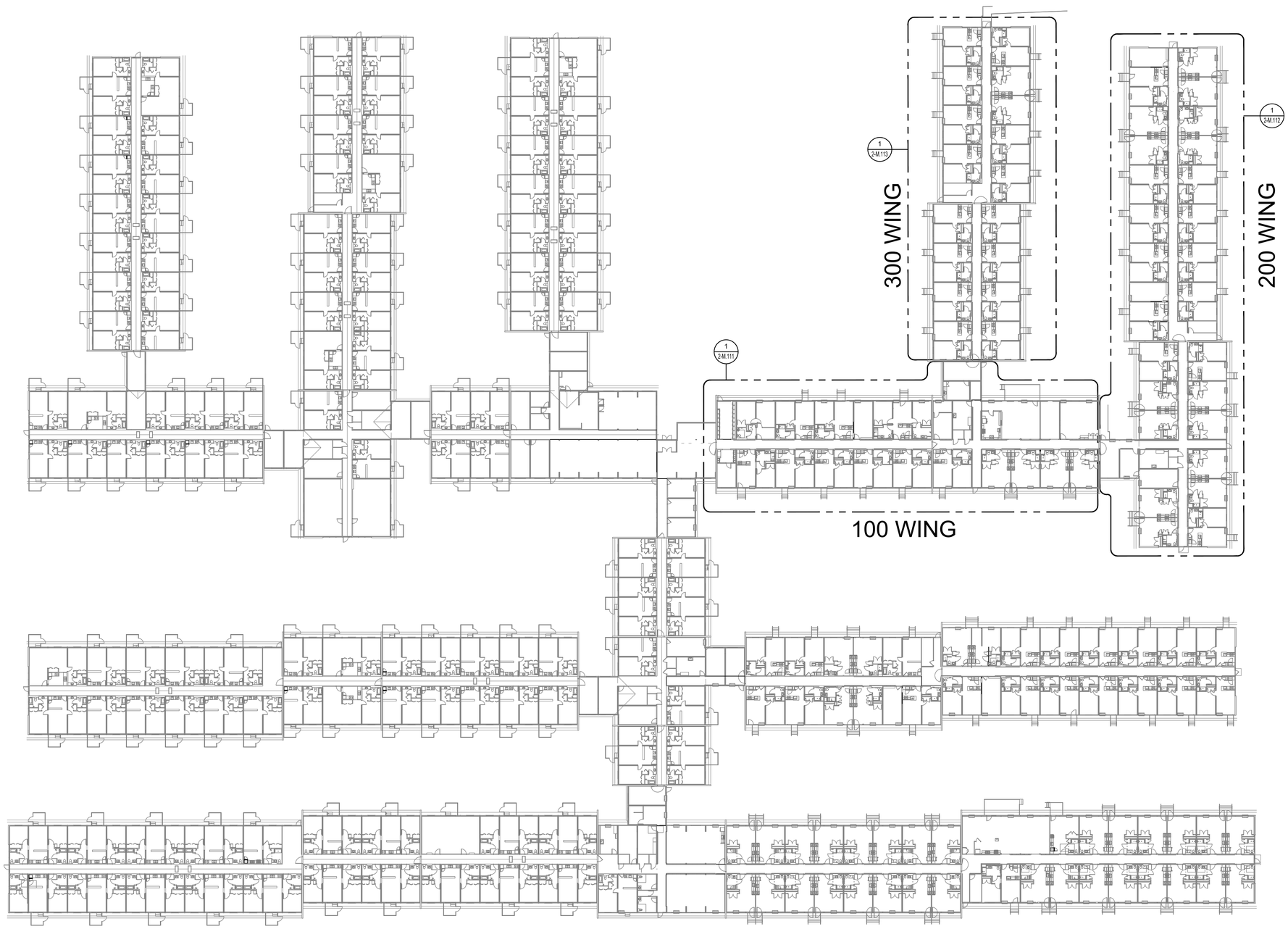
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

300 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

DRAWING NUMBER

2-MD.113



1
2-M.101
NORTH

OVERALL FIRST FLOOR - MECHANICAL NEW WORK PLAN

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

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FSP PROJECT NO.
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DRAWING TITLE

OVERALL FIRST FLOOR - MECHANICAL NEW WORK PLAN

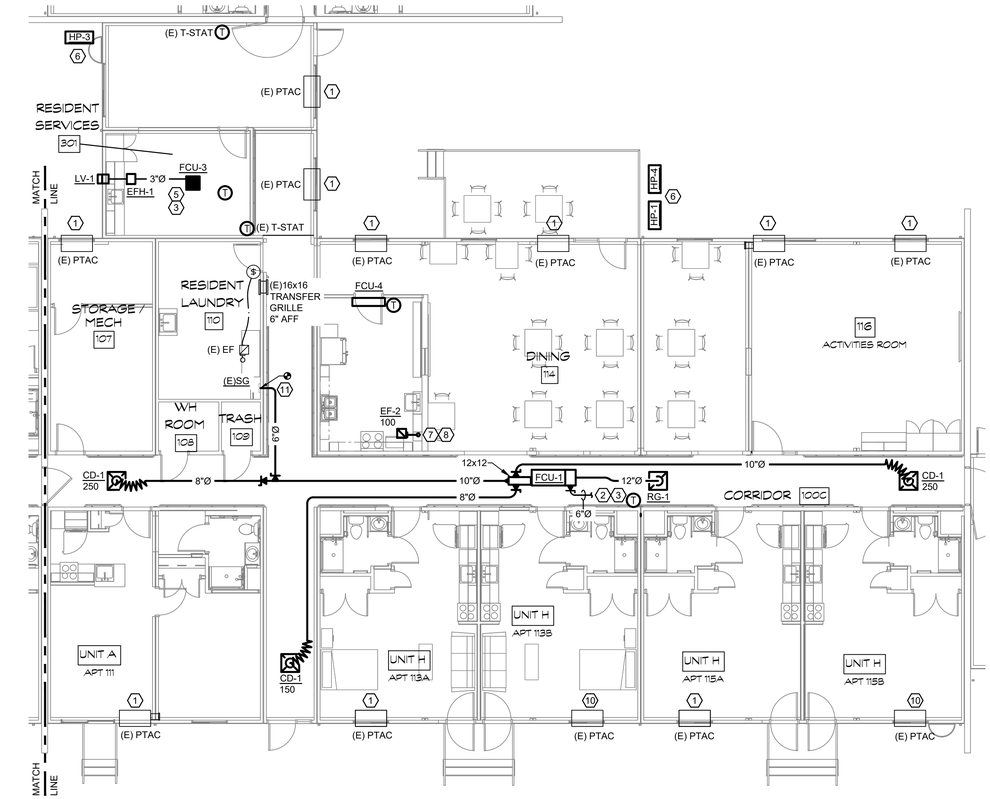
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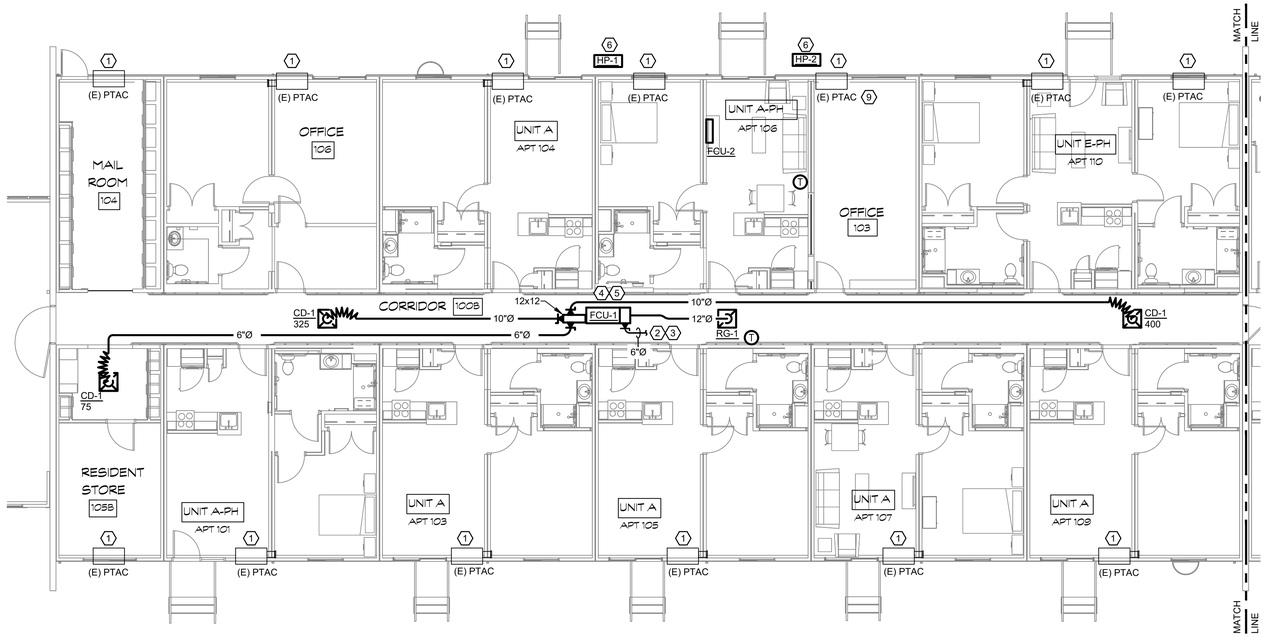
2-M.101

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KEY NOTES: (#)

1. EXISTING PACKAGED TERMINAL AIR CONDITIONER (PTAC) TO REMAIN.
2. CONNECT NEW INSULATED OA DUCT UP TO EXISTING ROOF INTAKE. VERIFY SIZE AND TYPE OF TRANSITION REQUIRED IN THE FIELD
3. BALANCE OA TO CFM SHOWN IN VENTIALTION SCHEDULES SHEET M.701
4. INSTALL FCU-1 IN CEILING SPACE.
5. CONDENSATE TO BE CONNECTED TO THE NEAREST KITCHEN SANITARY BRANCH. DRAIN LOCATED IN THE SINK CABINET. SEE PLUMBING PLANS FOR FURTHER DETAILS.
6. PROVIDE HEAT-PUMP STAND AND PAD.
7. 4"Ø EXHAUST DUCT UP THROUGH ROOF.
8. EF-2 OPERATED VIA WALL SWITCH.
9. REMOVE DUCT FROM PTAC TO ADJACENT SPACE AND PATCH WALL PENETRATION.
10. RELOCATED EXISTING PTAC.
11. BALANCE EXISTING GRILLE TO ORIGINAL CFM.

100 WING - FIRST FLOOR - MECHANICAL NEW WORK PLAN

1 / 2-M.111 — SCALE: 1/8" = 1'-0"

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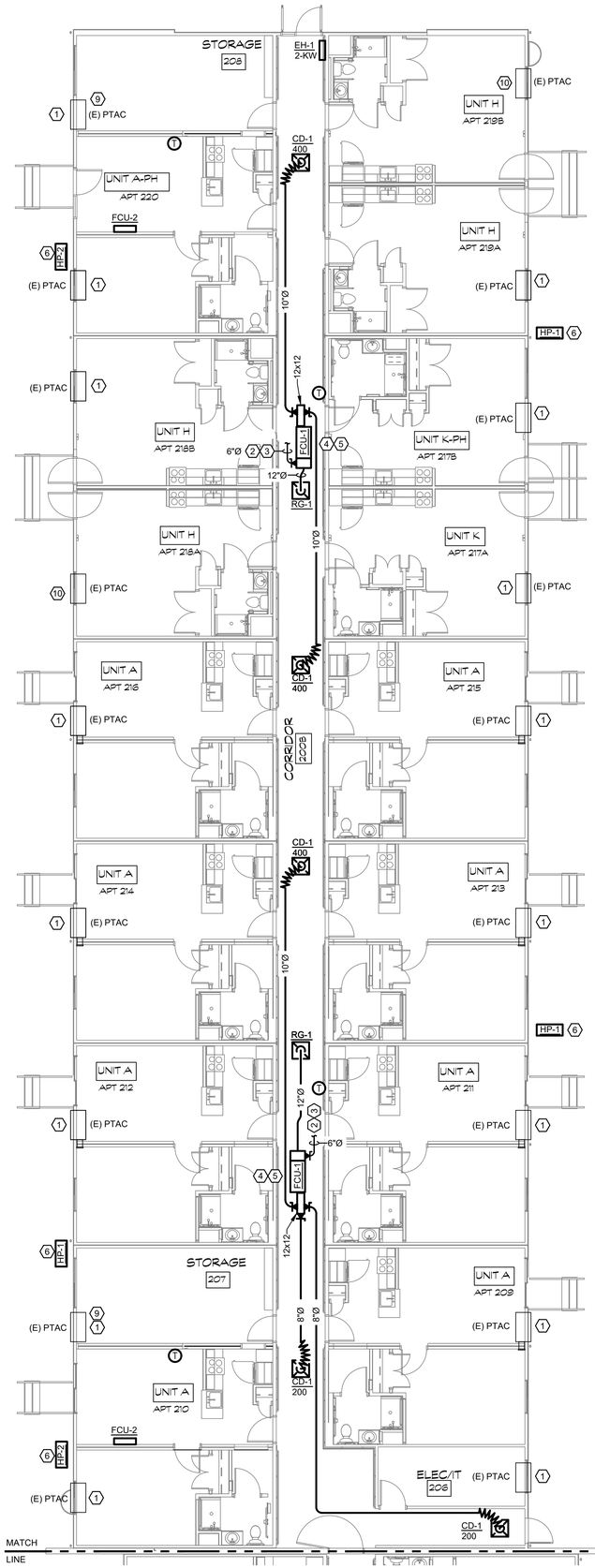
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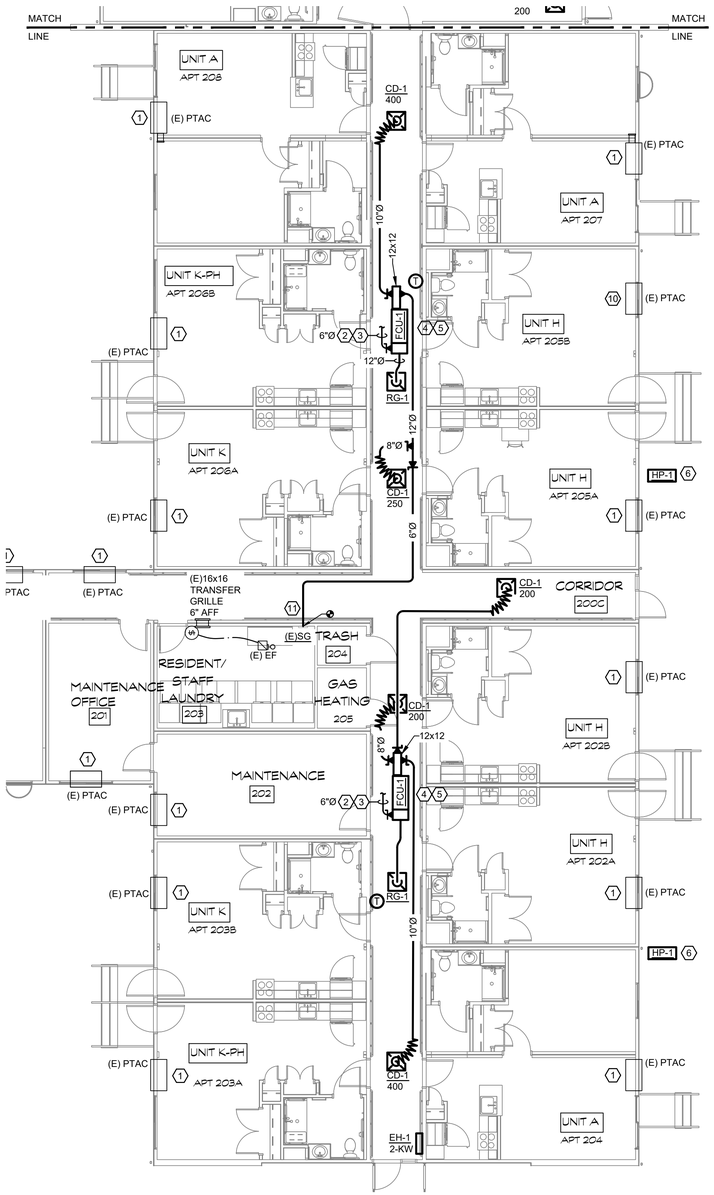
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1
2-M.112
NORTH

200 WING - FIRST FLOOR - MECHANICAL NEW WORK PLAN

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

KEY NOTES: ⟨#⟩

1. EXISTING PACKAGED TERMINAL AIR CONDITIONER (PTAC) TO REMAIN.
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WESTLAND MICHIGAN

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200 WING - FIRST FLOOR - MECHANICAL NEW WORK PLANS

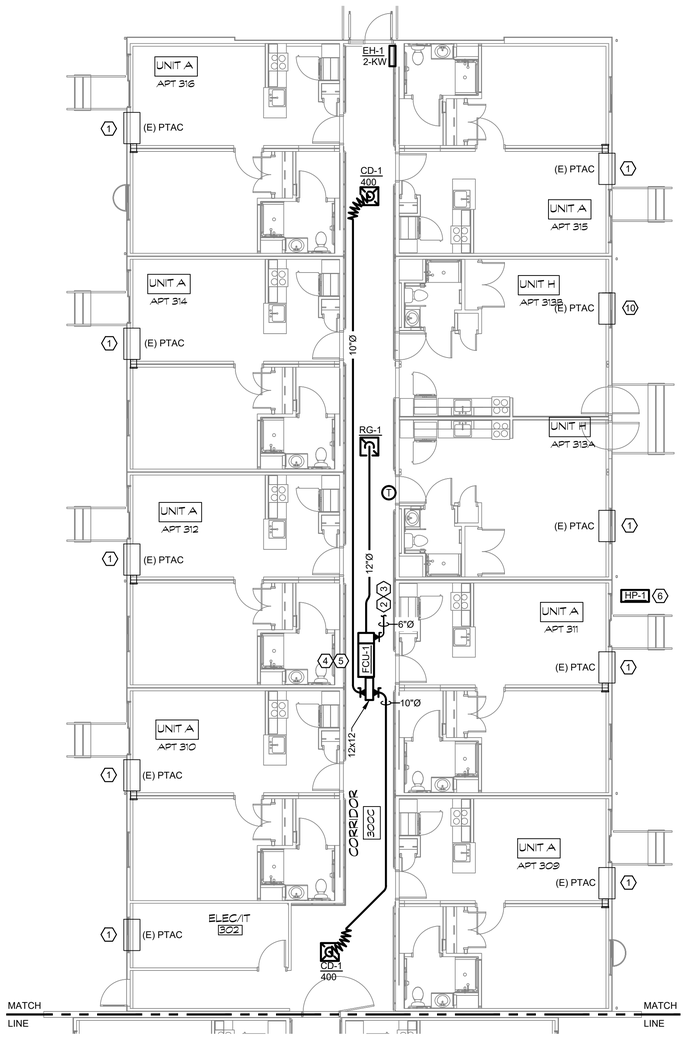
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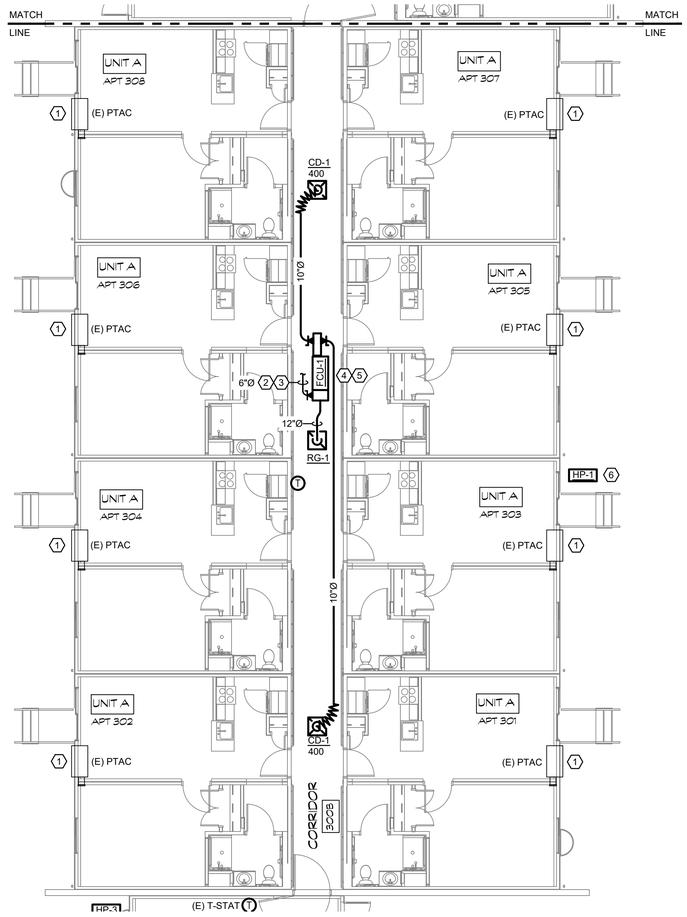
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10. RELOCATED EXISTING PTAC.
11. BALANCE EXISTING GRILLE TO ORIGINAL CFM.

300 WING - FIRST FLOOR - MECHANICAL NEW WORK PLAN

1 / 2-M.113 SCALE: 1/8" = 1'-0"

NORTH

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VILLAGE OF WESTLAND
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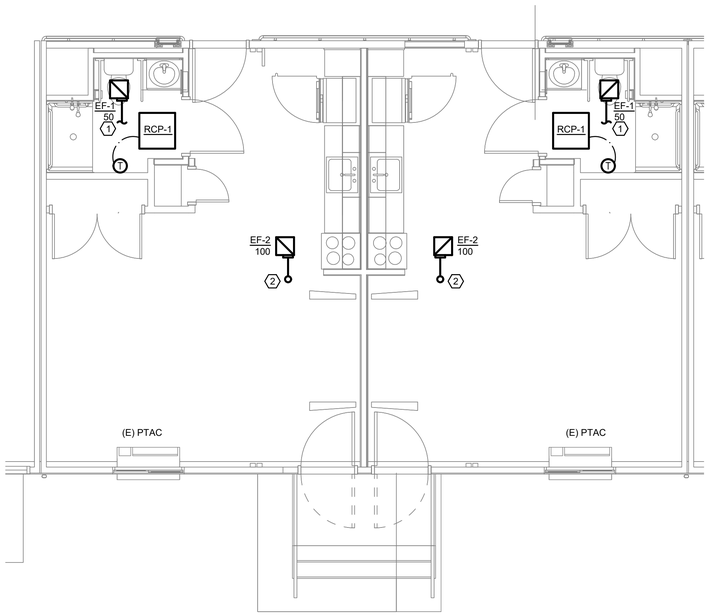
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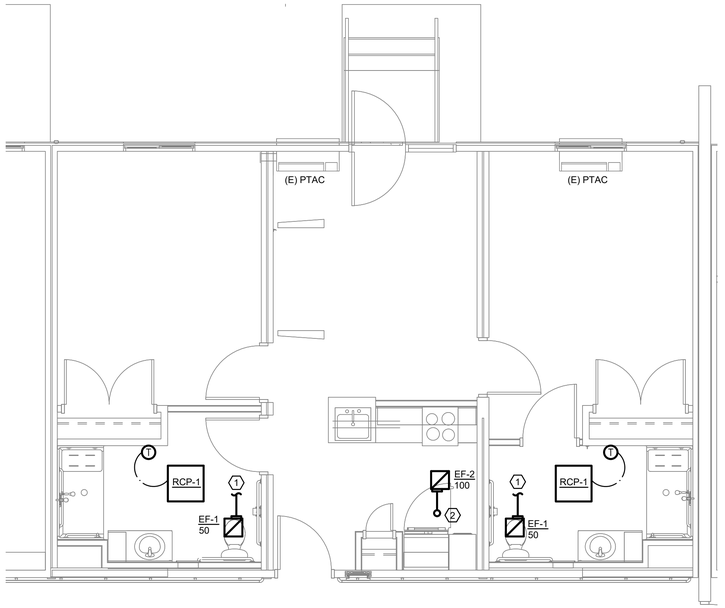
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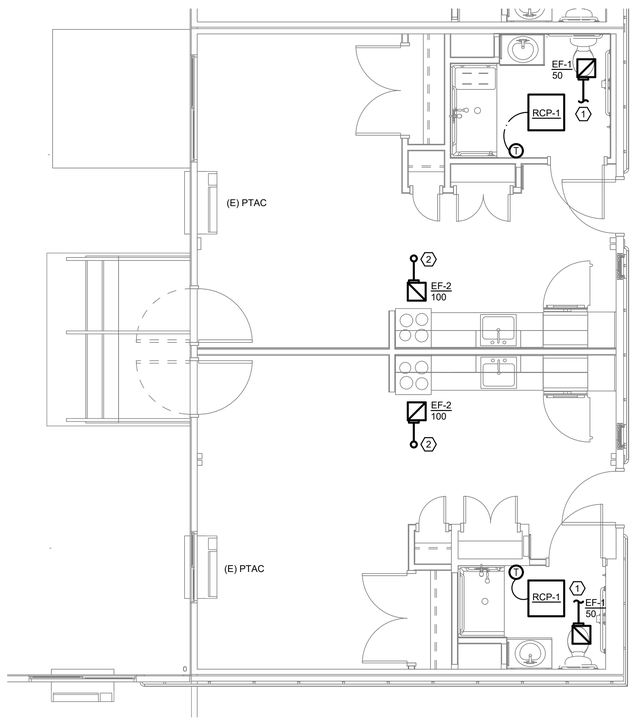
2-M.113



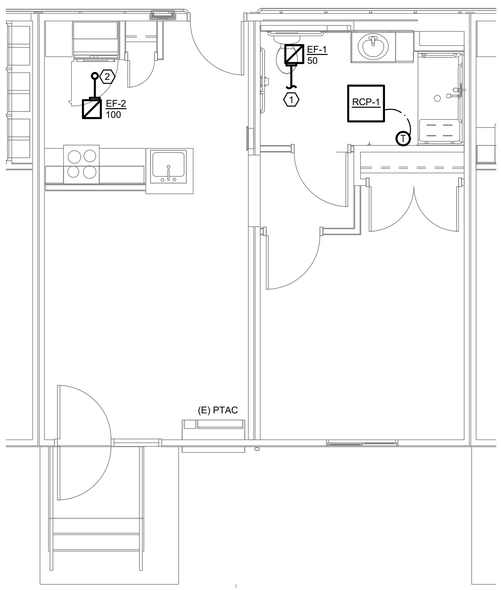
5 2-M.511 UNIT H - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



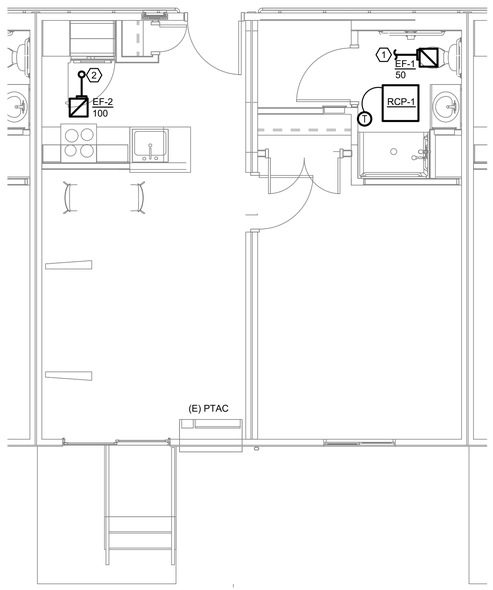
4 2-M.511 UNIT E-PH - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



3 2-M.511 UNIT K & K-PH - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



2 2-M.511 UNIT A-PH - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



1 2-M.511 UNIT A - MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES: (#)

1. CONNECT NEW EF DUCT UP TO EXISTING ROOF EXHAUST PENETRATION.
2. ROUTE 6"Ø EF DUCT UP THROUGH ROOF.

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

100 - 300 - TYPICAL UNIT - MECHANICAL PLANS

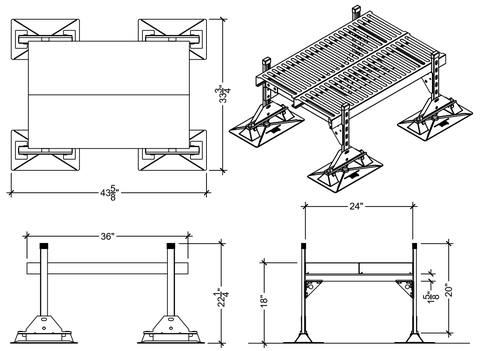
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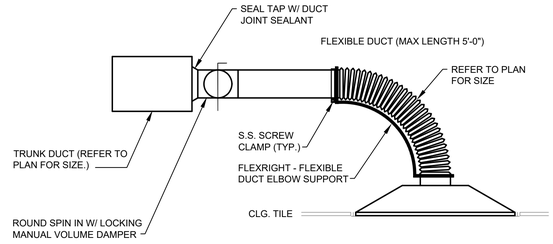
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MANUFACTURER & MODEL #:	MIRO 6HD 24x36 P-18
DISTANCE FROM ROOF TO DECK:	18"
HEADER STRUT:	1-5/8" x 1-5/8" 12 GA. HOT DIP GALVANIZED
LEG STRUT:	1-5/8" x 7/8" 12 GA. HOT DIP GALVANIZED
DECK GRATING:	2-1/2" x 12" 18 GA. WALKWAY PLANKING
BRACKETS & HARDWARE:	HOT DIP GALVANIZED
STRUT:	POLYCARBONATE W/ UV INHIBITORS
MAX WEIGHT:	NOT TO EXCEED 220 LBS. PER BASE

SPLIT-SYSTEM CONDENSING UNIT SUPPORT DETAIL

N.T.S.



SPIN-IN AND CEILING DIFFUSER DETAIL

N.T.S.

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

MECHANICAL DETAILS

DRAWING NUMBER

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DUCTLESS SPLIT & CONDENSING UNIT SCHEDULE

EVAPORATOR SECTION						CONDENSER SECTION						SEER	REFRIGERANT	NOTES
MARK	MANUFACTURER	MODEL NUMBER	TYPE	TOTAL COOLING (MBH)	AIRFLOW (CFM) HIGH / LOW	MARK	MANUFACTURER	MODEL NUMBER	ELECTRICAL DATA					
									VOLTAGE / PHASE	MCA	MOP			
FCU-1	CARRIER	40MBABQ24XB3	AHU	21.3	629/694/759/824	HP-1	CARRIER	38MARBQ24AA3	208-230 / 1	25	35	21	410A	1-8
FCU-2	CARRIER	40MAHBQ06XA3	HIGH WALL	6.0	176/229/335/382	50	HP-2	CARRIER	38MARBQ06AA3	208-230 / 1	13	15	410A	1-8
FCU-3	CARRIER	40MBCQ09---3	4-WAY CASSETTE	11.8	260/320/380	HP-3	CARRIER	38MARBQ09AA3	208-230 / 1	15	15	20.5	410A	1-8
FCU-4	CARRIER	40MAHBQ24XA3	HIGH WALL	24.3	319/414/611/719	HP-4	CARRIER	38MARBQ24AA3	208-230 / 1	25	35	21.5	410A	1-8

(APPROVED EQUAL: TRANE, LG, DAIKIN)

NOTES:
1. PROVIDE OPTIONAL WIRED REMOTE CONTROLLER.
2. PROVIDE 3-POLE SINGLE THROW SAFETY SWITCH FOR INTERIOR UNIT.
4. REFRIGERANT PIPING TO BE SIZED BY THE MANUFACTURER.
5. PROVIDE ALL ACCESSORIES NECESSARY FOR OPERATION AT A MINIMUM OF -14°F
6. FACTORY MOUNTED CONDENSATE PUMP.
7. INVERTER TYPE COMPRESSOR.
8. INDOOR UNIT POWERED FROM AIR COOLED CONDENSING UNIT PER MANUFACTURE'S SCHEMATIC.
9. MOUNT UNIT ON 18" HIGH STAND WITH GROUND PAD.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	AREA SERVED	UNIT DIMENSIONS (H" x W" x D")	MOUNTING TYPE	FRAME & GRILLE MATERIAL	COLOR	KW	HEAT OUTPUT (BTUH)	VOLTS / PHASE	AMPS	NOTES
EH-1	MARKEL	3420	CORRIDORS	19.5"x14.25x4.25"	RECESSED WALL	EXTRUDED ALUMINUM	BROWN	2.0	6,824	277 / 1	7.2	1, 2, 3
EWH-2	MARKEL	E3312T2RP	APARTMENTS	19.5"x14.125x4"	RECESSED WALL	STEEL	IVORY	1.0	3,413	120 / 1	8.3	1, 2, 3
RCP-1	TPI	RCP123	SEE PLANS	24" x 24"	FRAME IN CEILING	EXTRUDED ALUMINUM	BY ARCH.	0.375	1,280	120/240 / 1	3.1/1.6	1, 4, 5, 6

(APPROVED EQUAL: INDEECO, BRASCH, Q MARK)

NOTES:
1. U.L. LISTED
2. FACTORY MOUNTED DISCONNECT SWITCH.
3. BUILT-IN THERMOSTAT.
4. PROVIDE WITH SILICONE SEALED METAL PARTS OPTION.
5. PROVIDE LINE VOLTAGE OR PILOT DUTY THERMOSTAT; DOUBLE POLE IF 240V, OR SINGLE POLE IF 120V.
6. PROVIDE WITH EXTRA LENGTH OF FLEXIBLE CONDUIT IN ORDER TO LIFT PANEL OUT OF FRAME AND INTO CEILING CAVITY FOR SERVICE.

ELECTRIC FAN HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	TYPE	INLET SIZE (IN. DIA.)	OUTLET SIZE (IN. DIA.)	FAN DATA		ELECTRIC HEATING COIL					NOTES
						CFM	MIN. CFM	KW	AMPS	E.A.T. (°F)	L.A.T. (°F)	VOLTAGE/ PHASE	
EFH-1	THERMO-AIR	TER-6-1-208	PARALLEL	5"Ø	5"Ø	30	30	1	4.8	0	105	208V / 1Ø	1-4

(APPROVED EQUAL: TITUS, TRANE)
NOTES:
1. BUILT-IN TEMPERATURE CONTROLLER AND SENSOR.
2. PRE-SET DUCT AIR TEMPERATURE.
3. PROVIDE TYPICAL AIR INTAKE HOOD FOR FRESH AIR AT SIDEWALL.
4. INTERLOCK WITH FCU-3

LOUVER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	TYPE	AIRFLOW DIRECTION	SIZE (W x H x D)	FREE AREA (FT2)	AIRFLOW (CFM)	DESIGN AIR VELOCITY (FPM)	COLOR	INSULATED	DRAINABLE	MATERIAL	BIRD SCREEN	NOTES
LV-1	RUSKIN	ELF6375DX	FIXED	INTAKE	12"x12"x6"	0.36	100	277	BY ARCHITECT	YES	YES	ALUMINUM	YES	1, 2

(APPROVED EQUAL: GREENHECK, AMERICAN WARMING & VENTILATING)

NOTES:
1. COORDINATE FINAL LOUVER MOUNTING FRAME TYPE AND LOCATION WITH ARCHITECTURAL TRADES.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL MOUNTING LOCATIONS.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	AREA SERVED	LOCATION	AIRFLOW (CFM)	EXTERNAL S.P.	FAN (RPM)	FAN (BHP)	FAN (HP)	SONES	ELECTRICAL	NOTES
EF-1	BROAN	AE80K	SEE PLANS	APT. BATHROOMS	50	0.25	-	-	0.036	0.8	115V / 1PH	1,2
EF-2	BROAN	AE110K	SEE PLANS	APT. KITCHENS	100	0.25	-	-	0.031	1.0	115V / 1PH	1,3

(APPROVED EQUAL: GREENHECK, ACME, COOK, PENN, TWIN CITY)

NOTES:
1. FAN SHALL HAVE AMCA SEAL & BE U.L. CERTIFIED.
2. FAN CONTROLLED BY ROOM'S LIGHT SWITCH
3. FAN CONTROLLED BY WALL SWITCH WITH PILOT LIGHT

100 WING VENTILATION AIR CALCULATION SCHEDULE

ROOM NAME	TOTAL AREA SQ. FT. (Az)	OCCUPANCY CLASSIFICATION	AREA OUTDOOR AIRFLOW RATE (Ra) CFM/SQ. FT.	AREA OUTDOOR AIR (Ra) x (Az) CFM	OCCUPANT DENSITY RATE #/1000 SQ. FT.	ZONE POPULATION (Pz=Az(#/1000)) PEOPLE	PEOPLE OUTDOOR AIRFLOW RATE (Rp) CFM/PERSON	OCCUPANT OUTDOOR AIR (Rp) x (Pz) CFM	BREATHING ZONE OUTDOOR AIR (Vbz=RpPz+RaAz) CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIRFLOW REQUIRED (Voz=Vbz/Ez) CFM	TOTAL OUTDOOR AIR REQUIRED WITHIN ZONE CFM	TOTAL OUTDOOR AIR PROVIDED CFM
CORRIDOR 100B	774	CORRIDORS	0.06	46	0	0.0	0	0.0	46.4	0.8	58.1	58.1	60 - FCU-1
CORRIDOR 100C	582	CORRIDORS	0.06	35	0	0.0	0	0.0	34.9	0.8	43.7	43.7	45 - FCU-1
STORAGE 103	267	STORAGE ROOM	0.12	32	0	0.0	0	0.0	32.0	0.8	40.0	40	40 - (E)PTAC
SERVING KITCHEN 114A	1100	DINNING ROOM	NATURAL VENTILATION 1100 S.F. X 4% OPERABLE AREA TO EXTERIOR. 44 S.F. REQUIRED, 48 S.F. OPENABLE AREA AVAILABLE (OPERABLE WINDOWS & DOORS).										
DINING 114		DINNING ROOM											
ACTIVITIES 116	547	WEIGHT ROOM	NATURAL VENTILATION 547 S.F. X 4% OPERABLE AREA TO EXTERIOR. 22 S.F. REQUIRED, 40 S.F. OPENABLE AREA AVAILABLE (OPERABLE WINDOWS & DOORS).										

200 WING VENTILATION AIR CALCULATION SCHEDULE

ROOM NAME	TOTAL AREA SQ. FT. (Az)	OCCUPANCY CLASSIFICATION	AREA OUTDOOR AIRFLOW RATE (Ra) CFM/SQ. FT.	AREA OUTDOOR AIR (Ra) x (Az) CFM	OCCUPANT DENSITY RATE #/1000 SQ. FT.	ZONE POPULATION (Pz=Az(#/1000)) PEOPLE	PEOPLE OUTDOOR AIRFLOW RATE (Rp) CFM/PERSON	OCCUPANT OUTDOOR AIR (Rp) x (Pz) CFM	BREATHING ZONE OUTDOOR AIR (Vbz=RpPz+RaAz) CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIRFLOW REQUIRED (Voz=Vbz/Ez) CFM	TOTAL OUTDOOR AIR REQUIRED WITHIN ZONE CFM	TOTAL OUTDOOR AIR PROVIDED CFM
CORRIDOR 200B	1330	CORRIDORS	0.06	80	0	0.0	0	0.0	79.8	0.8	99.8	100	100-(50 each) - FCU-1
CORRIDOR 200C	1211	CORRIDORS	0.06	73	0	0.0	0	0.0	72.7	0.8	90.8	100	100-(50 each) - FCU-1
STORAGE 208	267	STORAGE ROOM	0.12	32	0	0.0	0	0.0	32.0	0.8	40.0	40	40 - (E)PTAC

300 WING VENTILATION AIR CALCULATION SCHEDULE

ROOM NAME	TOTAL AREA SQ. FT. (Az)	OCCUPANCY CLASSIFICATION	AREA OUTDOOR AIRFLOW RATE (Ra) CFM/SQ. FT.	AREA OUTDOOR AIR (Ra) x (Az) CFM	OCCUPANT DENSITY RATE #/1000 SQ. FT.	ZONE POPULATION (Pz=Az(#/1000)) PEOPLE	PEOPLE OUTDOOR AIRFLOW RATE (Rp) CFM/PERSON	OCCUPANT OUTDOOR AIR (Rp) x (Pz) CFM	BREATHING ZONE OUTDOOR AIR (Vbz=RpPz+RaAz) CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIRFLOW REQUIRED (Voz=Vbz/Ez) CFM	TOTAL OUTDOOR AIR REQUIRED WITHIN ZONE CFM	TOTAL OUTDOOR AIR PROVIDED CFM
CORRIDOR 300B	563	CORRIDORS	0.06	34	0	0.0	0	0.0	33.8	0.8	42.2	45	45 - FCU-1
CORRIDOR 300C	913	CORRIDORS	0.06	55	0	0.0	0	0.0	54.8	0.8	68.5	69	70 - FCU-1

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

MECHANICAL SCHEDULES

DRAWING NUMBER

2-M.701

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MEEC JOB # 23-0017

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PLUMBING ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED ON THIS PROJECT

A.F.F.	ABOVE FINISHED FLOOR
A.S.R.	AUTOMATIC SPRINKLER RISER
A.A.V.	AIR ADMITTANCE VALVE
C.O.	CLEAN OUT
C.W.	COLD WATER (DOMESTIC)
EXIST.	EXISTING
(E)	EXISTING
FD-#	FLOOR DRAIN
G	GAS (NATURAL)
H.W.	HOT WATER (DOMESTIC)
H.W.R.	HOT WATER RETURN (DOMESTIC)
L-#	LAVATORY
MIN.	MINIMUM
MX-#	THERMOSTATIC MIXING VALVE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
P.V.C.	POLYVINYL CHLORIDE
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V	VENT
V.I.F.	VERIFY IN FIELD
V.T.R.	VENT THROUGH ROOF
WC-#	WATER CLOSET
W.C.O.	WALL CLEAN OUT
WH-#	WATER HEATER

PLUMBING SYMBOLS

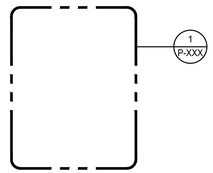
NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

SYMBOL	DESCRIPTION
	BALL VALVE
	CHECK VALVE
	BALANCING VALVE
	PLUG VALVE
	UNION
	PIPE TURNED UP
	PIPE TURNED DOWN
	PIPE OUT TOP
	PIPE OUT BOTTOM
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER RETURN PIPING
	VENT PIPING
FP	FIRE PROTECTION PIPING
G	NATURAL GAS PIPING
SAN	SANITARY PIPING
	REMOVE / DEMOLISH

PLUMBING LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

DRAWING CALL OUT



DRAWING MATCH LINE

P-XXX
P-XXX

DEMOLITION SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

SYMBOL	DESCRIPTION
	EXISTING SERVICE AND OR EQUIPMENT TO BE REMOVED.
	EXISTING SERVICE AND OR EQUIPMENT TO REMAIN.
	NEW SERVICE AND OR EQUIPMENT.
	NEW CONNECTION TO EXISTING SERVICE AND OR EQUIPMENT.

DEMOLITION GENERAL NOTES:

1. COORDINATE SHUT-DOWN OF ANY SYSTEM WITH THE BUILDING SERVICES PERSONNEL PRIOR TO SYSTEM SHUT-DOWN.
2. REMOVE (INCLUDING DISCONNECTION OF) MECHANICAL SERVICE AS INDICATED AND/OR DESCRIBED ALONG WITH PIPING, HANGERS, SUPPORTS, CONTROLS AND ALL RELATED ACCESSORIES.
3. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING SERVICES PRIOR TO DEMOLITION.
4. WHERE DAMAGE OCCURS DURING DEMOLITION, THE CONTRACTOR SHALL REPAIR AS REQUIRED SO AS TO BE COMPATIBLE WITH EXISTING.
5. WHERE DUCT AND/OR PIPE INSULATION HAS BEEN DAMAGED, THE CONTRACTOR SHALL REPAIR AS REQUIRED SO AS TO BE COMPATIBLE WITH EXISTING.
6. ALL ITEMS DEMOLISHED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY, UNLESS NOTED OTHERWISE.
7. LIMITS OF DEMOLITION ARE INDICATED ON THE DRAWINGS. SHOULD EXISTING FIELD CONDITIONS REQUIRE MODIFICATIONS OF THESE LIMITS FOR THE PROPER INSTALLATION OF NEW WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH MODIFICATIONS.
8. CAP AND SEAL AIRTIGHT ALL UNUSED OPENINGS ON THE RETURN AND SUPPLY DUCTWORK.

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WESTLAND MICHIGAN

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PVM21.072

DRAWING TITLE

GENERAL PLUMBING INFORMATION

DRAWING NUMBER

2-P.001

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MEEC JOB # 23-0017

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OVERALL FIRST FLOOR - PLUMBING DEMOLITION PLAN

1
2-PD.101
SCALE: 1/32" = 1'-0"

NORTH

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JORDAN KOENIG
ENGINEER
No. 6201059789
LICENSED PROFESSIONAL ENGINEER
06/26/26

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR - PLUMBING DEMOLITION PLAN

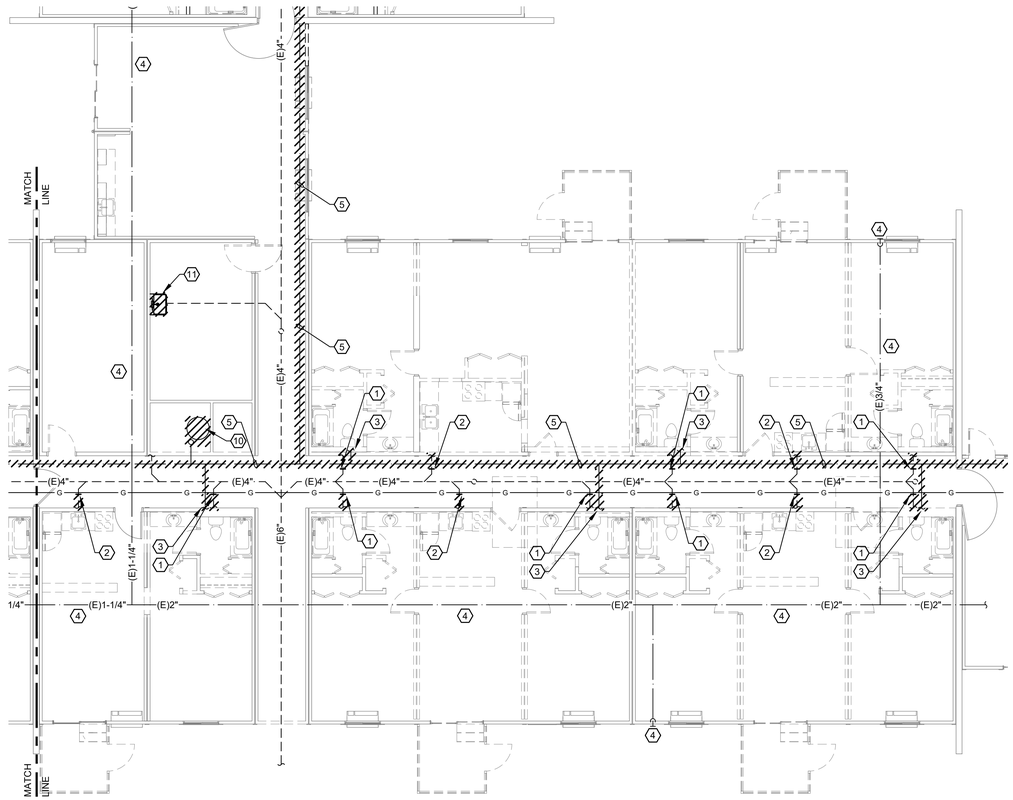
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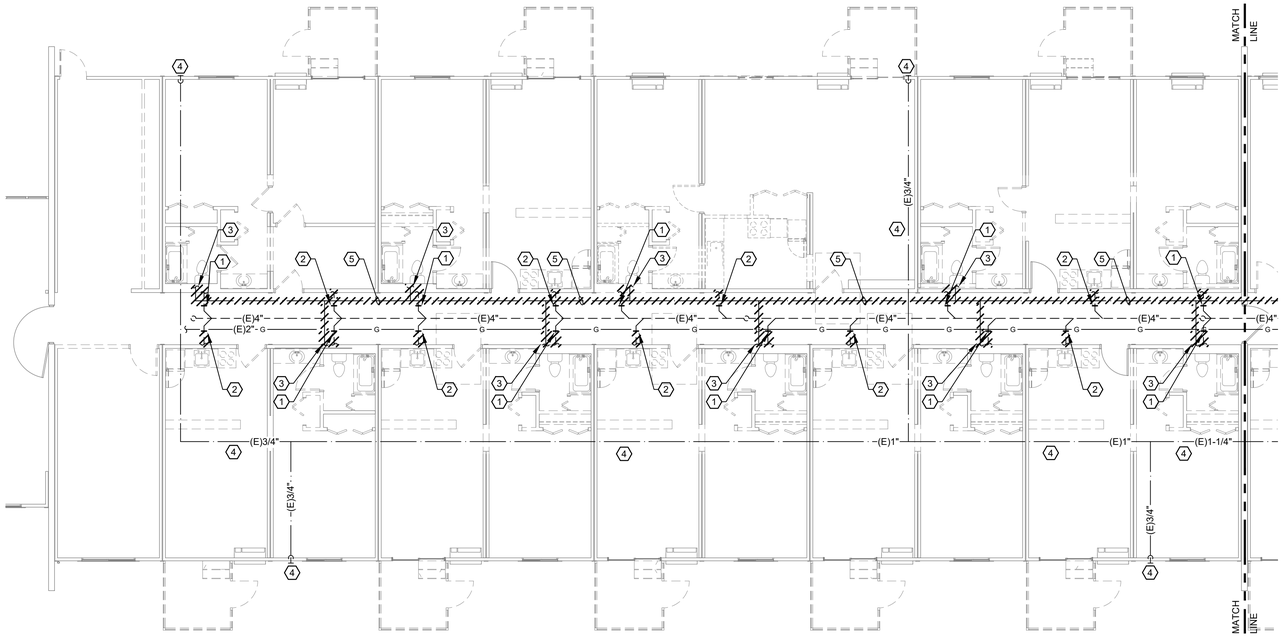
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1 / 2-PD.111 — 100 WING - FIRST FLOOR - PLUMBING DEMOLITION PLAN

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

NORTH

UNIT DEMOLITION NOTES:

1. REMOVE EXISTING PLUMBING FIXTURES COMPLETE. COORDINATE EXTENT WITH ARCHITECT/CONTRACTOR.
2. REMOVE EXISTING SANITARY DOWN TO BELOW FLOOR.
3. REMOVE EXISTING DOMESTIC WATER PIPING COMPLETE.
4. REMOVE OR ABANDON IN PLACE EXISTING ELECTRIC WATER HEATER INCLUDING ALL ASSOCIATED PIPING.
5. ALL PIPING SHOWN IS ROUTED IN EXISTING CRAWL SPACE.

KEY NOTES: (#)

1. REMOVE PORTION OF EXISTING 3" BATHROOM GROUP SANITARY BRANCH AS INDICATED AND CAP OR PREP FOR NEW CONNECTION. COORDINATE WITH NEW WORK PLANS.
2. REMOVE PORTION OF EXISTING 2" KITCHEN SINK SANITARY BRANCH AS INDICATED AND CAP OR PREP FOR NEW CONNECTION. COORDINATE WITH NEW WORK PLANS
3. REMOVE EXISTING BATHROOM GROUP AND KITCHEN SINK DOMESTIC WATER COMPLETE.
4. EXISTING COLD WATER PIPING DEDICATED FOR HOSE BIB TO REMAIN.
5. REMOVE EXISTING COLD WATER MAIN IN CRAWL SPACE OR ABANDON IN PLACE.
6. EXISTING 3" WATER METER AND BACKFLOW PREVENTER TO REMAIN.
7. EXISTING 2-1/2" HOSE BIB COLD WATER DOWN TO CRAWL SPACE TO REMAIN.
8. REMOVE PORTION OF EXISTING 3" COLD WATER DOWN TO CRAWL SPACE AND PREP FOR NEW CONNECTION.
9. REMOVE EXISTING COLD WATER MAIN IN CRAWL SPACE TO THIS POINT AND PREP FOR NEW CONNECTION.
10. REMOVE EXISTING RESIDENTIAL LAUNDRY WATER HEATER. NATURAL GAS PIPING AND VENT PIPING TO REMAIN FOR NEW WATER HEATER INSTALLATION. REMOVE HOT AND COLD WATER BACK TO SOURCE AND CAP. RE-ROUTE NEW HOT AND COLD WATER TO BACK FEED EXISTING LAUNDRY EQUIPMENT.
11. REMOVE EXISTING SINK AND REPLACE WITH NEW.

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100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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MBEC JOB # 23-0017

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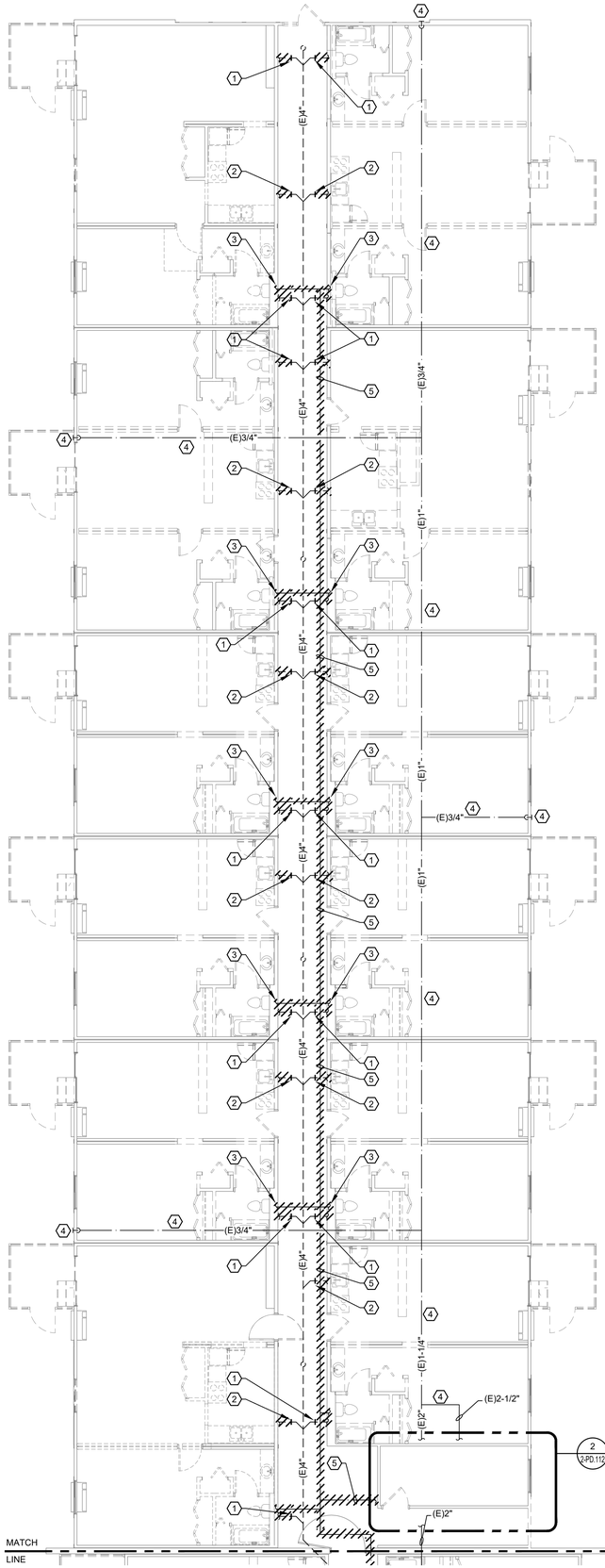
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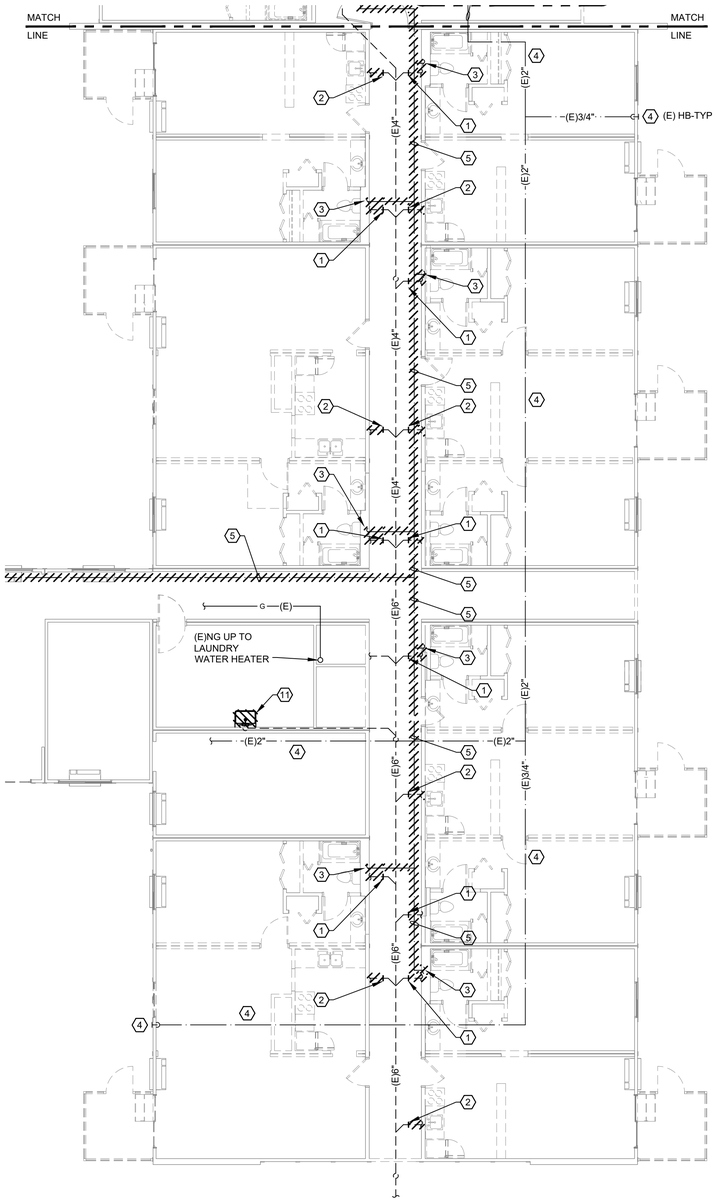
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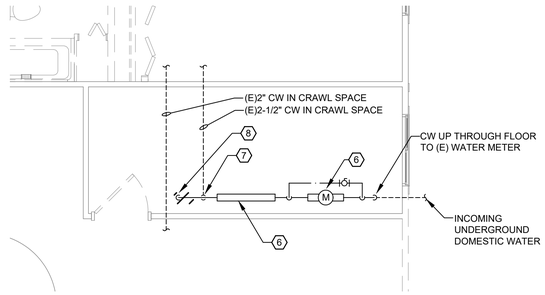
100 WING - FIRST FLOOR -
PLUMBING DEMOLITION PLANS

DRAWING NUMBER

2-PD.111







UNIT DEMOLITION NOTES:

1. REMOVE EXISTING PLUMBING FIXTURES COMPLETE. COORDINATE EXTENT WITH ARCHITECT/CONTRACTOR.
2. REMOVE EXISTING SANITARY DOWN TO BELOW FLOOR.
3. REMOVE EXISTING DOMESTIC WATER PIPING COMPLETE.
4. REMOVE OR ABANDON IN PLACE EXISTING ELECTRIC WATER HEATER INCLUDING ALL ASSOCIATED PIPING.
5. ALL PIPING SHOWN IS ROUTED IN EXISTING CRAWL SPACE.

KEY NOTES: (#)

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3. REMOVE EXISTING BATHROOM GROUP AND KITCHEN SINK DOMESTIC WATER COMPLETE.
4. EXISTING COLD WATER PIPING DEDICATED FOR HOSE BIB TO REMAIN.
5. REMOVE EXISTING COLD WATER MAIN IN CRAWL SPACE OR ABANDON IN PLACE.
6. EXISTING 3" WATER METER AND BACKFLOW PREVENTER TO REMAIN.
7. EXISTING 2-1/2" HOSE BIB COLD WATER DOWN TO CRAWL SPACE TO REMAIN.
8. REMOVE PORTION OF EXISTING 3" COLD WATER DOWN TO CRAWL SPACE AND PREP FOR NEW CONNECTION.
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11. REMOVE EXISTING SINK AND REPLACE WITH NEW.

200 WING - FIRST FLOOR - PLUMBING DEMOLITION PLAN

1 / 2-PD.112 — SCALE: 1/8" = 1'-0"

NORTH

200 WING - STORAGE #206 PLUMBING DEMOLITION PLAN

2 / 2-PD.112 — SCALE: 1/4" = 1'-0"

NORTH

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

200 WING - FIRST FLOOR - PLUMBING DEMOLITION PLANS

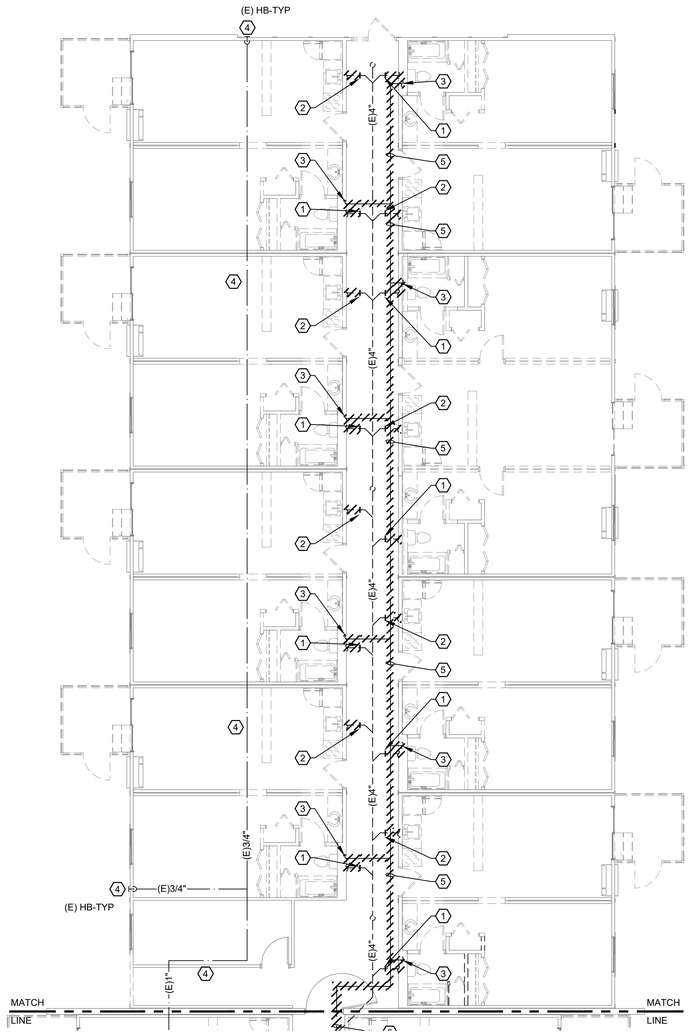
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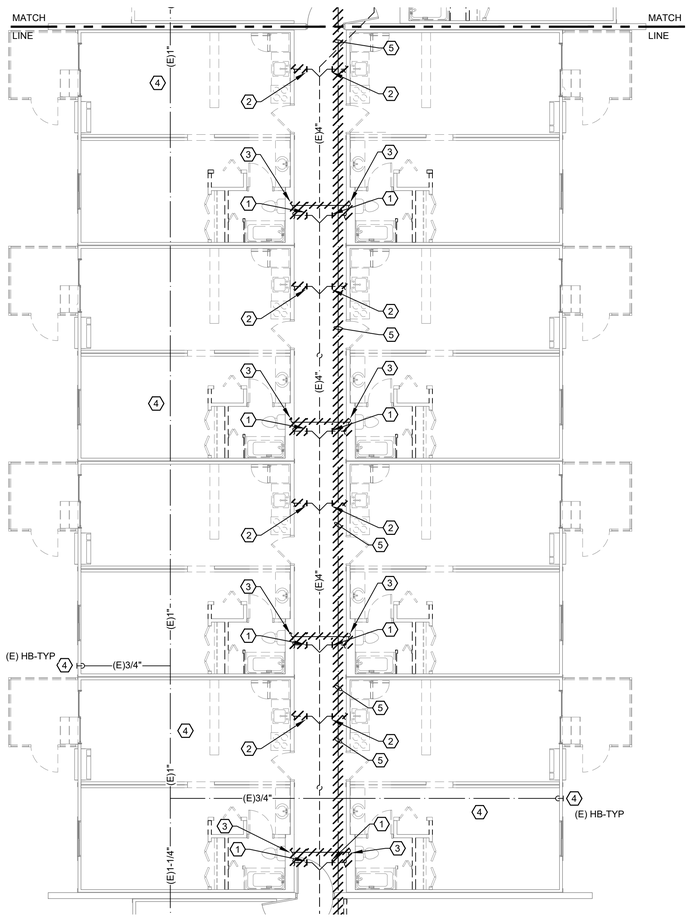
2-PD.112

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UNIT DEMOLITION NOTES:

1. REMOVE EXISTING PLUMBING FIXTURES COMPLETE. COORDINATE EXTENT WITH ARCHITECT/CONTRACTOR.
2. REMOVE EXISTING SANITARY DOWN TO BELOW FLOOR.
3. REMOVE EXISTING DOMESTIC WATER PIPING COMPLETE.
4. REMOVE OR ABANDON IN PLACE EXISTING ELECTRIC WATER HEATER INCLUDING ALL ASSOCIATED PIPING.
5. ALL PIPING SHOWN IS ROUTED IN EXISTING CRAWL SPACE.

KEY NOTES: ⟨#⟩

1. REMOVE PORTION OF EXISTING 3" BATHROOM GROUP SANITARY BRANCH AS INDICATED AND CAP OR PREP FOR NEW CONNECTION. COORDINATE WITH NEW WORK PLANS.
2. REMOVE PORTION OF EXISTING 2" KITCHEN SINK SANITARY BRANCH AS INDICATED AND CAP OR PREP FOR NEW CONNECTION. COORDINATE WITH NEW WORK PLANS
3. REMOVE EXISTING BATHROOM GROUP AND KITCHEN SINK DOMESTIC WATER COMPLETE.
4. EXISTING COLD WATER PIPING DEDICATED FOR HOSE BIB TO REMAIN.
5. REMOVE EXISTING COLD WATER MAIN IN CRAWL SPACE OR ABANDON IN PLACE.
6. EXISTING 3" WATER METER AND BACKFLOW PREVENTER TO REMAIN.
7. EXISTING 2-1/2" HOSE BIB COLD WATER DOWN TO CRAWL SPACE TO REMAIN.
8. REMOVE PORTION OF EXISTING 3" COLD WATER DOWN TO CRAWL SPACE AND PREP FOR NEW CONNECTION.
9. REMOVE EXISTING COLD WATER MAIN IN CRAWL SPACE TO THIS POINT AND PREP FOR NEW CONNECTION.
10. REMOVE EXISTING RESIDENTIAL LAUNDRY WATER HEATER. NATURAL GAS PIPING AND VENT PIPING TO REMAIN FOR NEW WATER HEATER INSTALLATION. REMOVE HOT AND COLD WATER BACK TO SOURCE AND CAP. RE-ROUTE NEW HOT AND COLD WATER TO BACK FEED EXISTING LAUNDRY EQUIPMENT.
11. REMOVE EXISTING SINK AND REPLACE WITH NEW.

300 WING - FIRST FLOOR - PLUMBING DEMOLITION PLAN

1 / 2-PD.113 SCALE: 1/8" = 1'-0"

NORTH

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ENGINEER
No. 6201059789
LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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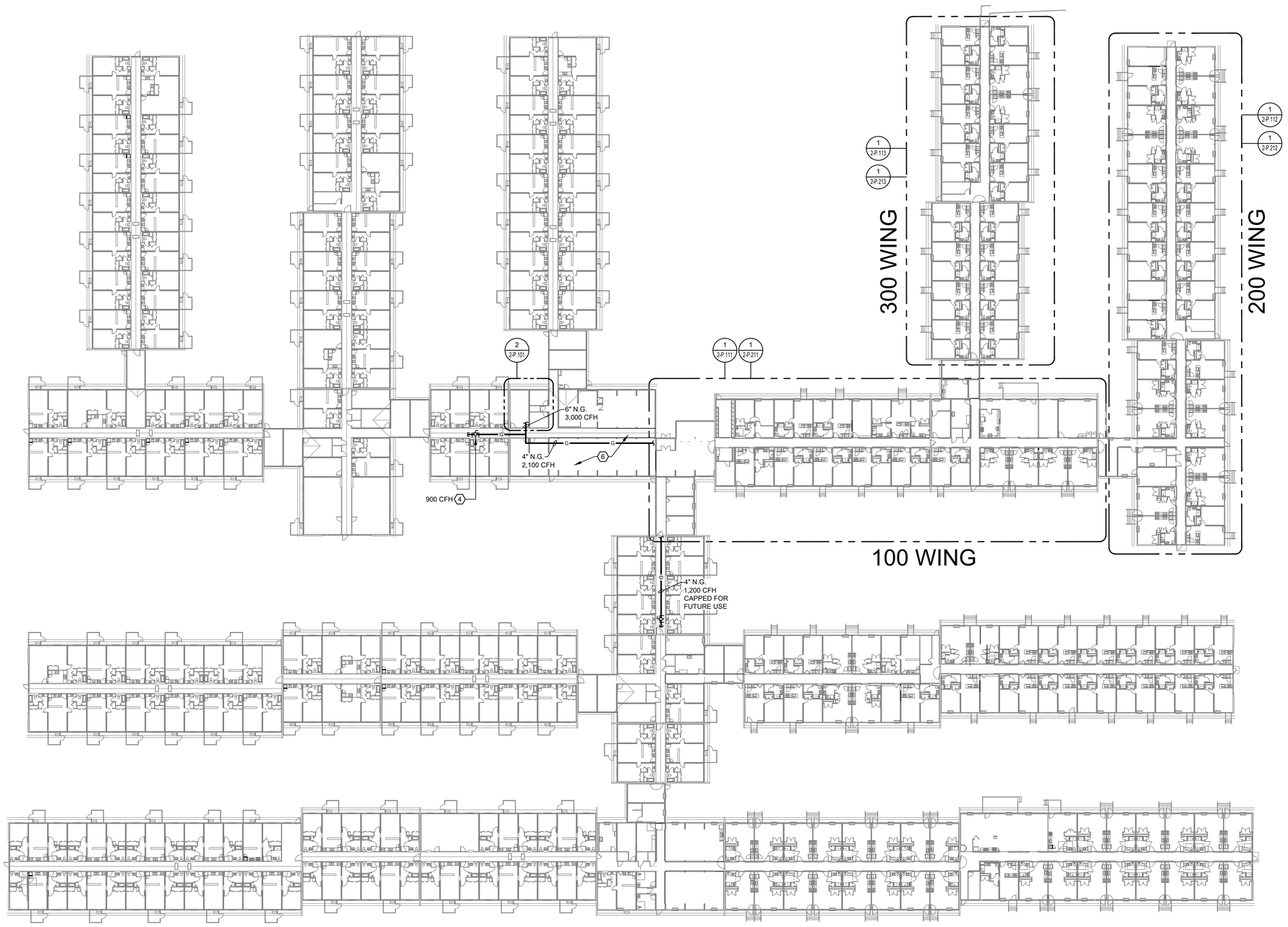
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300 WING - FIRST FLOOR - PLUMBING DEMOLITION PLANS

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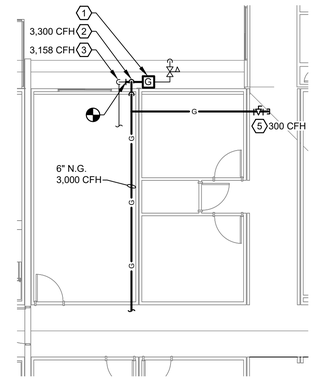
1 2-P.101

OVERALL FIRST FLOOR - PLUMBING NEW WORK PLAN

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

KEY NOTES: (#)

1. UTILITY COMPANY TO PROVIDE NEW GAS METER. TOTAL CONNECTED LOAD = 6,458 CFH, 3,158 CFH EXISTING, 3,300 CFH NEW. GAS PIPING SIZED PER IFGC TABLE 402.4(2) WITH A TOTAL DEVELOPED LENGTH OF 725' AND A PRESSURE DROP OF 0.5" WC. CONTRACTOR SHALL VERIFY EXISTING GAS LOADS AND PROVIDE INFORMATION TO NATURAL GAS PROVIDER.
2. 6" N.G. UP TO CEILING SPACE.
3. EXISTING 3" N.G. DOWN TO CRAWL SPACE.
4. 3" N.G. VALVED AND CAPPED IN CEILING SPACE FOR FUTURE.
5. 2" N.G. VALVED AND CAPPED IN CEILING SPACE FOR FUTURE.
6. COORDINATE PIPE ROUTING IN THIS AREA WITH ARCHITECTURAL TRADES AND GENERAL CONTRACTOR.



NORTH

2 2-P.101

GAS METER PLAN

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

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4% PROJECT
100, 200, & 300 WING RENOVATION

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DRAWING TITLE

OVERALL FIRST FLOOR - PLUMBING NEW WORK PLAN

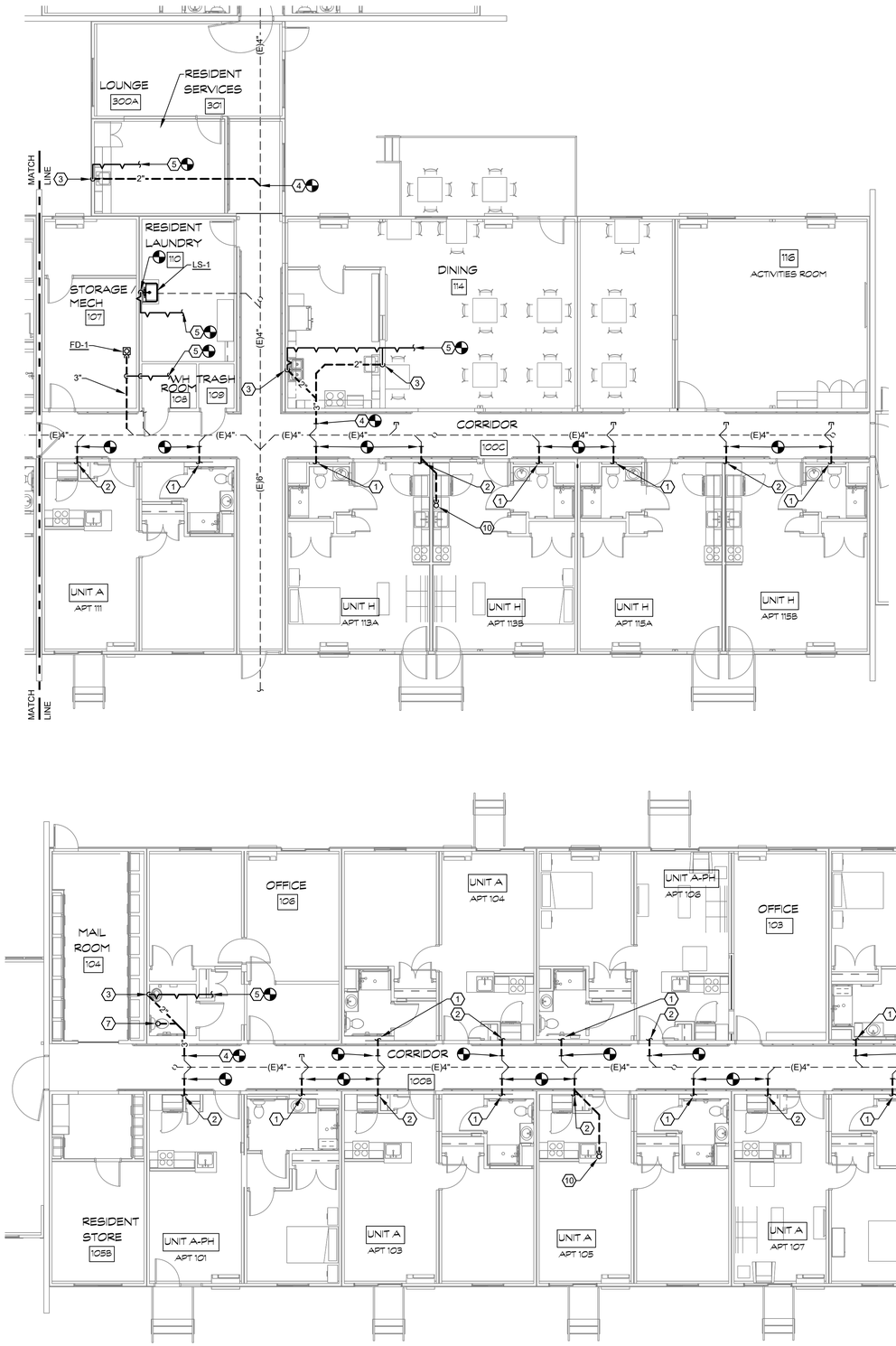
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KEY NOTES: (#)

1. CONNECT NEW 3" SANITARY TO EXISTING 3" BATHROOM SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
2. CONNECT NEW 2" SANITARY TO EXISTING 2" KITCHEN SINK SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
3. 2" SANITARY DOWN. 1-1/2" VENT UP.
4. CONNECT NEW SANITARY TO EXISTING.
5. CONNECT NEW 2" VENT TO EXISTING. FIELD VERIFY EXACT LOCATION. PROVIDE NEW 3" VTR IF REQUIRED.
6. CONNECT NEW 3" BATHROOM SANITARY BRANCH TO EXISTING MAIN. SEE TYPICAL UNIT PLUMBING PLANS.
7. 3" SANITARY UP TO WATER CLOSET.
8. 3" SANITARY WITH P-TRAP UP TO SERVICE SINK.
9. 2" SANITARY DOWN, 1-1/2" VENT UP WITH AIR ADMITTANCE VALVE.
10. 2" SANITARY WITH P-TRAP UP TO INDIRECT WASTE DRAIN IN CABINET BASE FOR FAN COIL CONDENSATE. COORDINATE LOCATIONS WITH MECHANICAL DRAWINGS.

100 WING - FIRST FLOOR - SANITARY NEW WORK PLAN

1 / 2-P.111 — SCALE: 1/8" = 1'-0"

NORTH

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06/26/26

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

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DRAWING TITLE

100 WING - FIRST FLOOR - SANITARY NEW WORK PLANS

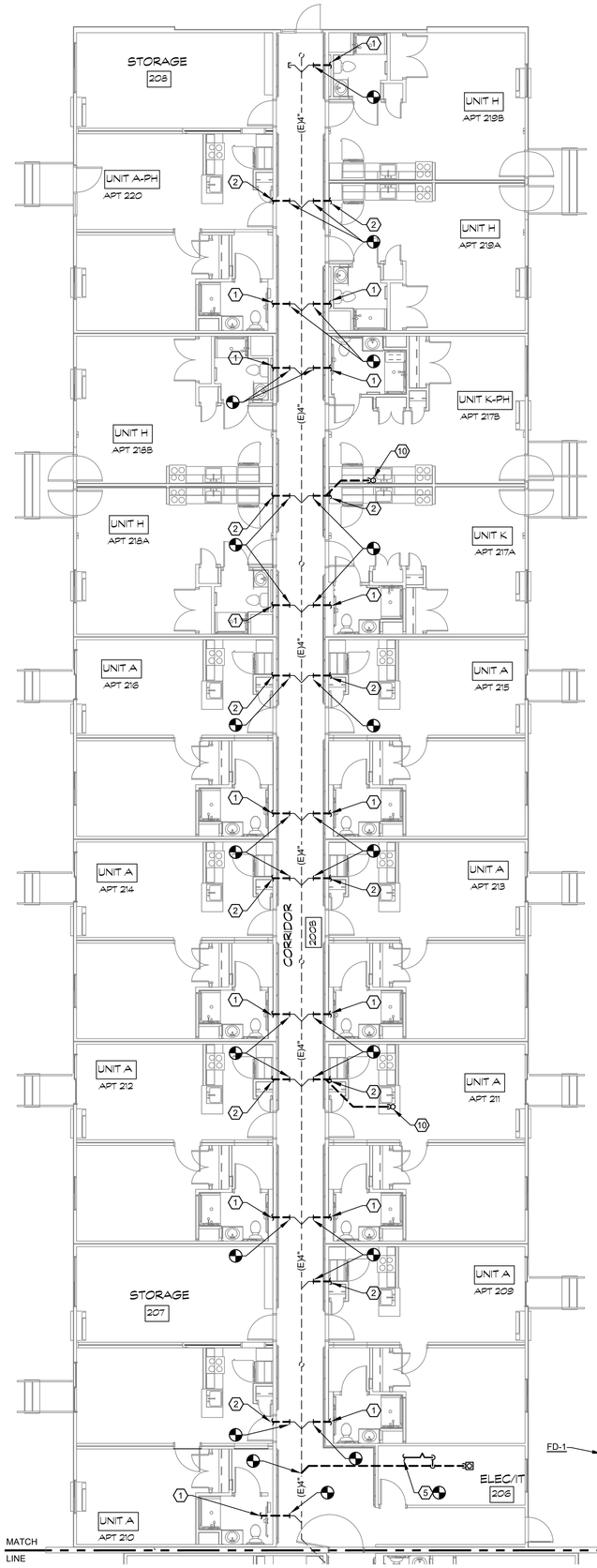
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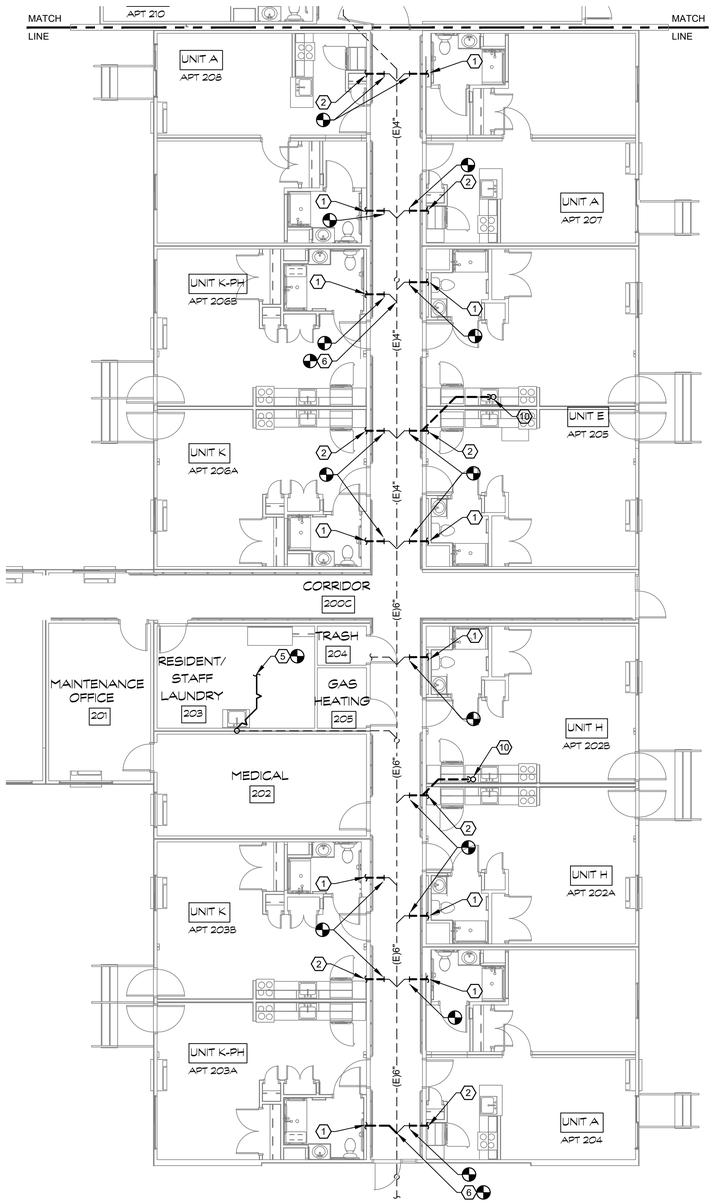
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200 WING - FIRST FLOOR - SANITARY NEW WORK PLAN

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

KEY NOTES: (#)

1. CONNECT NEW 3" SANITARY TO EXISTING 3" BATHROOM SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
2. CONNECT NEW 2" SANITARY TO EXISTING 2" KITCHEN SINK SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
3. 2" SANITARY DOWN. 1-1/2" VENT UP.
4. CONNECT NEW SANITARY TO EXISTING.
5. CONNECT NEW 2" VENT TO EXISTING. FIELD VERIFY EXACT LOCATION. PROVIDE NEW 3" VTR IF REQUIRED.
6. CONNECT NEW 3" BATHROOM SANITARY BRANCH TO EXISTING MAIN. SEE TYPICAL UNIT PLUMBING PLANS.
7. 3" SANITARY UP TO WATER CLOSET.
8. 3" SANITARY WITH P-TRAP UP TO SERVICE SINK.
9. 2" SANITARY DOWN. 1-1/2" VENT UP WITH AIR ADMITTANCE VALVE.
10. 2" SANITARY WITH P-TRAP UP TO INDIRECT WASTE DRAIN IN CABINET BASE FOR FAN COIL CONDENSATE. COORDINATE LOCATIONS WITH MECHANICAL DRAWINGS.

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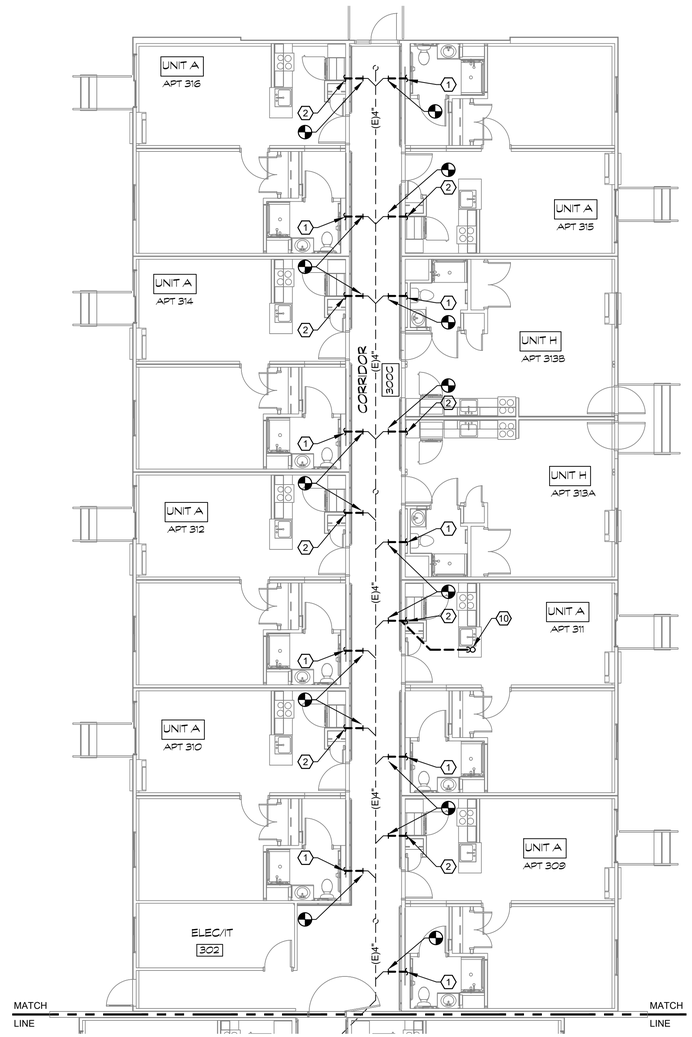
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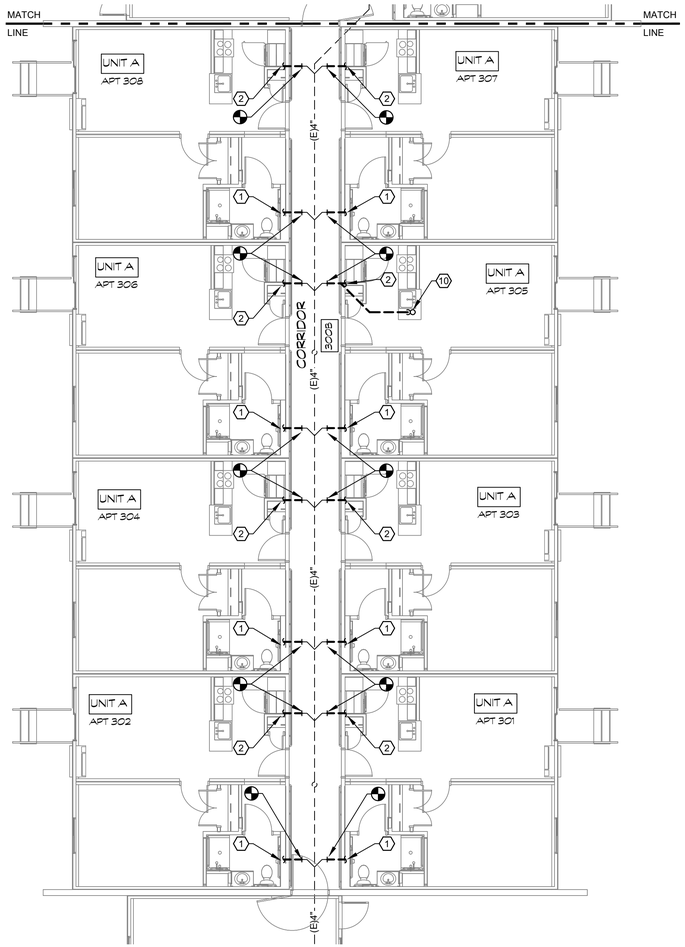
DRAWING TITLE

200 WING - FIRST FLOOR - SANITARY NEW WORK PLANS

DRAWING NUMBER

2-P.112





KEY NOTES: ⟨#⟩

1. CONNECT NEW 3" SANITARY TO EXISTING 3" BATHROOM SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
2. CONNECT NEW 2" SANITARY TO EXISTING 2" KITCHEN SINK SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS FOR CONTINUATION.
3. 2" SANITARY DOWN. 1-1/2" VENT UP.
4. CONNECT NEW SANITARY TO EXISTING.
5. CONNECT NEW 2" VENT TO EXISTING. FIELD VERIFY EXACT LOCATION. PROVIDE NEW 3" VTR IF REQUIRED.
6. CONNECT NEW 3" BATHROOM SANITARY BRANCH TO EXISTING MAIN. SEE TYPICAL UNIT PLUMBING PLANS.
7. 3" SANITARY UP TO WATER CLOSET.
8. 3" SANITARY WITH P-TRAP UP TO SERVICE SINK.
9. 2" SANITARY DOWN. 1-1/2" VENT UP WITH AIR ADMITTANCE VALVE.
10. 2" SANITARY WITH P-TRAP UP TO INDIRECT WASTE DRAIN IN CABINET BASE FOR FAN COIL CONDENSATE. COORDINATE LOCATIONS WITH MECHANICAL DRAWINGS.

300 WING - FIRST FLOOR - SANITARY NEW WORK PLAN

1 / 2-P.113 SCALE: 1/8" = 1'-0"

NORTH

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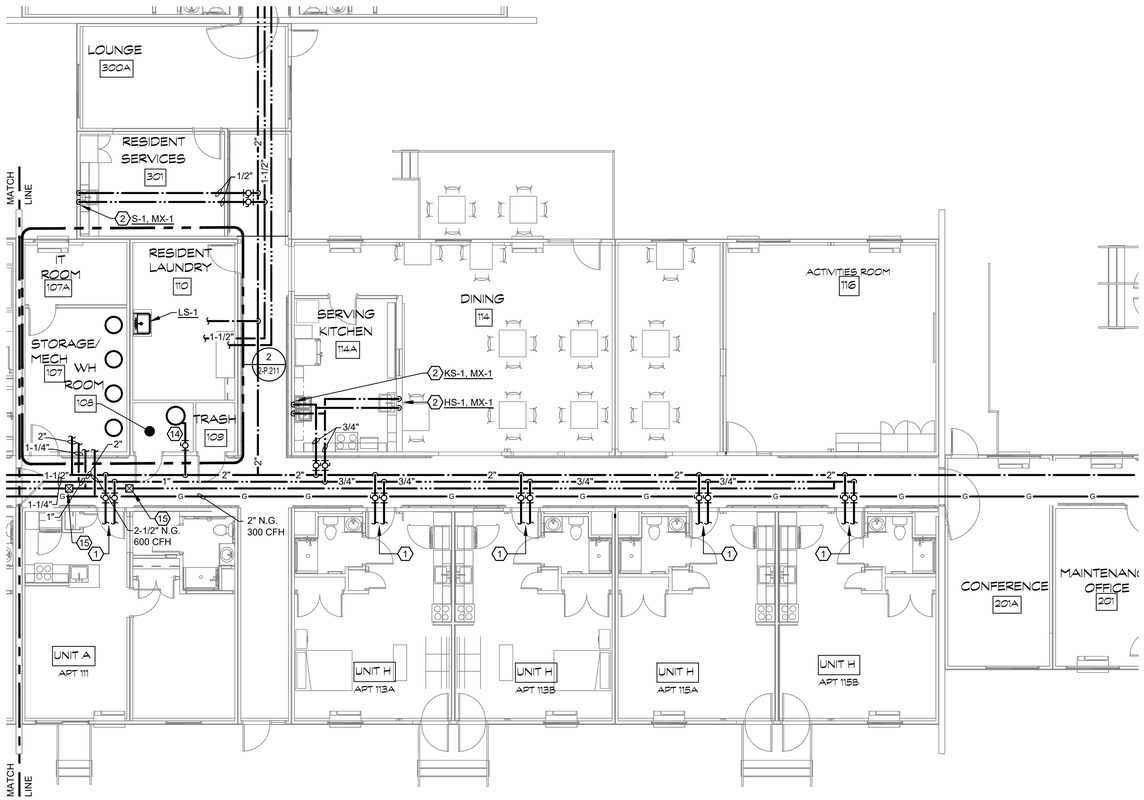
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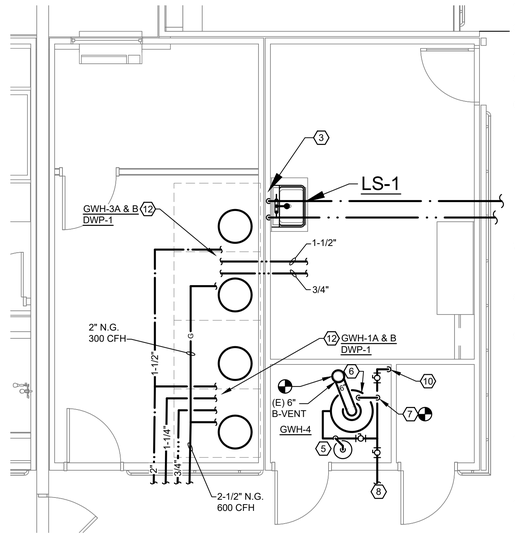
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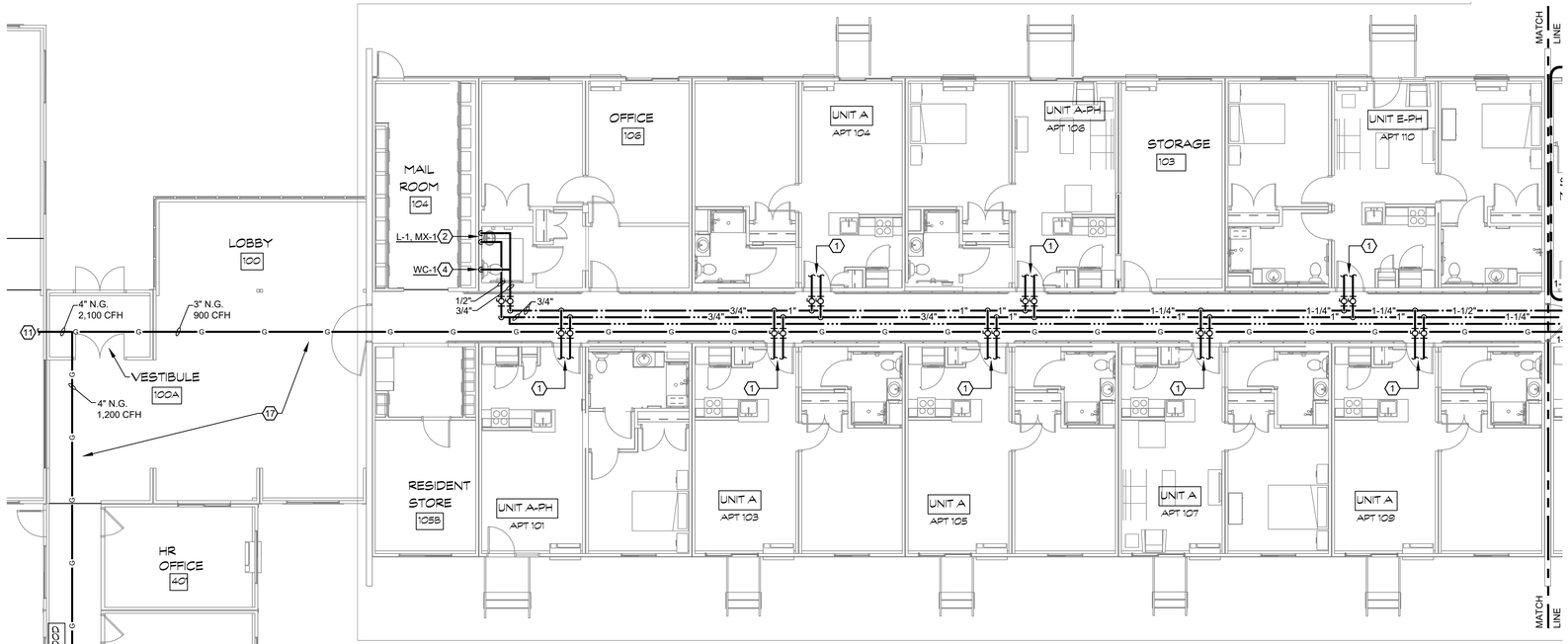


100 WING - STORAGE #107 PLUMBING NEW WORK PLAN

2 / 2-P.211

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

NORTH



100 WING - FIRST FLOOR - PLUMBING NEW WORK PLAN

1 / 2-P.211

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

NORTH

KEY NOTES:

1. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS IN CORRIDOR CEILING. SEE TYPICAL UNIT PLUMBING PLANS.
2. 1/2" HOT AND COLD WATER DOWN.
3. 1/2" HOT AND COLD WATER DOWN TO LS-1.
4. 1/2" COLD WATER DOWN.
5. EXPANSION TANK SUPPORTED FROM WALL.
6. NEW WATER HEATER. CONNECT TO EXISTING NATURAL GAS PIPING FROM BELOW. MODIFY GAS PIPING AS NEEDED FOR NEW HEATER INSTALLATION. INSTALL NEW WATER HEATER ON DRAIN PAN. REMOVE EXISTING DRAIN AND INSTALL WITH FLOOR DRAIN IN ROOM. SPILL T&P VALVE TO DRAIN PAN AND DRAIN PAN TO FLOOR DRAIN. INSTALL NEW WATER HEATER WITH 6"Ø METAL VENT AND CONNECT TO EXISTING 6" B-VENT THRU ROOF.
7. RECONNECT MAIN LAUNDRY WATER HEATER TO EXISTING HOT WATER FEED FOR LAUNDRY ROOM.
8. BACKFEED LAUNDRY WATER HEATER FROM CEILING SPACE. 1-1/2" COLD WATER.
9. 2" HOT WATER, 2" COLD WATER, 3/4" HOT WATER RETURN AND 2" N.G. TO WATER HEATERS. 1-1/2" N.G. TO EACH WATER HEATER WITH SHUT-OFF AND DRIP LEG. (150 CFH) ROUTE COMBUSTION AIR AND FLUE PIPING UP THRU ROOF TO CONCENTRIC VENT FOR EACH WATER HEATER.
10. ROUTE NEW COLD WATER FROM CEILING AND CONNECT TO EXISTING COLD WATER FEED FOR LAUNDRY ROOM. FIELD VERIFY LAUNDRY AREA WATER PIPING.
11. 4" N.G. IN CEILING SPACE. SEE SHEET 2-P.101 FOR CONTINUATION.
12. 1-1/2" HOT WATER, 1-1/2" COLD WATER, 3/4" HOT WATER RETURN AND 2" N.G. TO WATER HEATERS. 1-1/2" N.G. TO EACH WATER HEATER WITH SHUT-OFF AND DRIP LEG. (150 CFH). REFER TO PIPING DIAGRAM FOR ADDITIONAL INFORMATION.
13. CONNECT NEW 2-1/2" COLD WATER TO EXISTING WATER METER. ROUTE UP INTO CEILING SPACE. COLD WATER FEED DOWN TO HOSE BIB TO REMAIN.
14. REMOVE EXISTING LAUNDRY WATER HEATER TO BE REPLACED WITH EQUAL. RECONNECT TO EXISTING DOMESTIC WATER AND GAS PIPING.
15. BALANCE VALVE SET AT 1.0 GPM.
16. CONNECT NEW COLD WATER TO EXISTING WATER HEATER.
17. COORDINATE PIPE ROUTING IN THIS AREA WITH ARCHITECTURAL TRADES AND GENERAL

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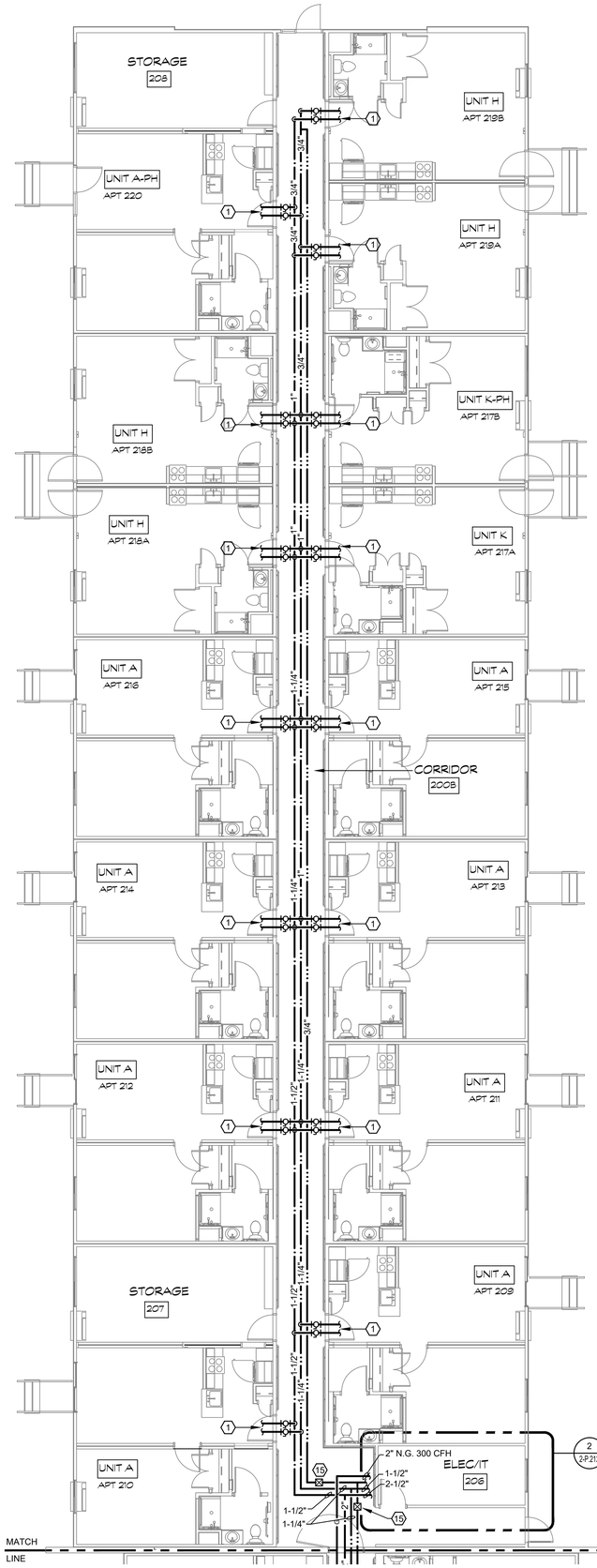
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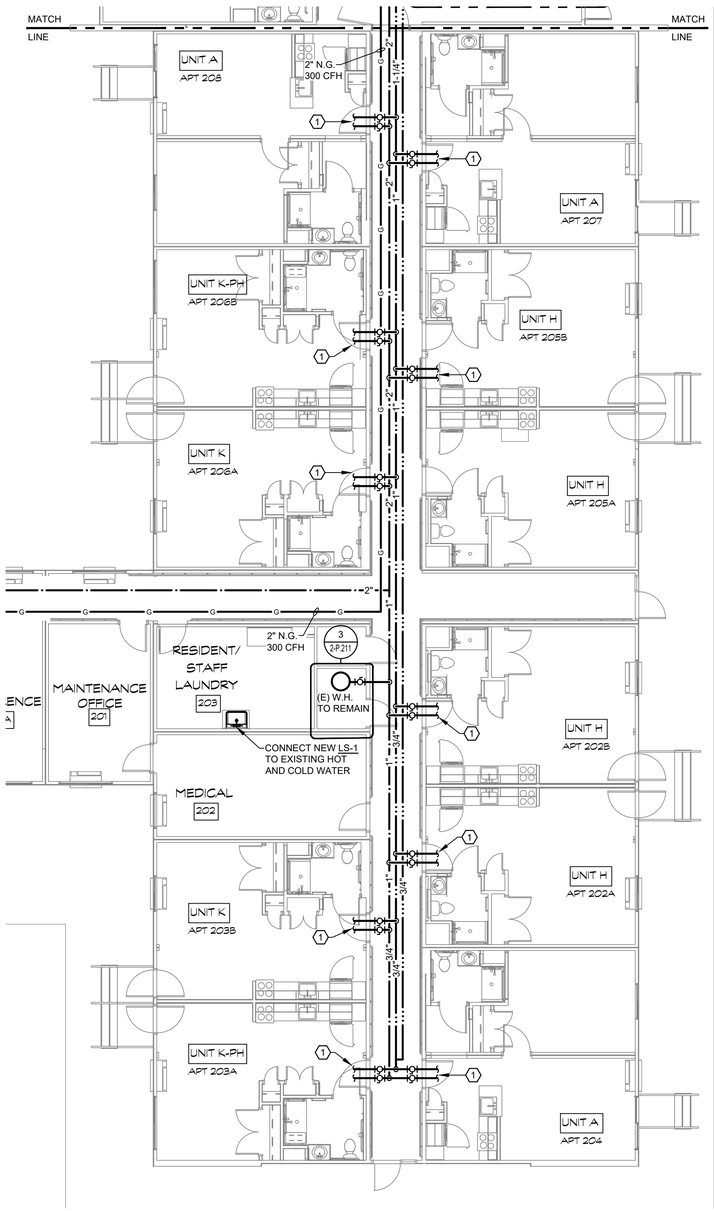
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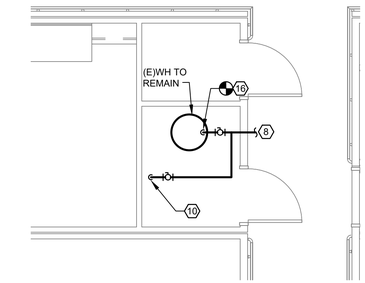
100 WING - FIRST FLOOR - PLUMBING NEW WORK PLANS

DRAWING NUMBER

2-P.211



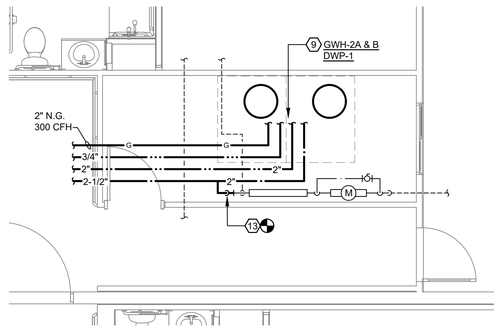




200 WING - LAUNDRY #203 PLUMBING NEW WORK PLAN

2 / 2-P.212 NORTH

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



200 WING - STORAGE #206 PLUMBING NEW WORK PLAN

2 / 2-P.212 NORTH

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

200 WING - FIRST FLOOR - PLUMBING NEW WORK PLAN

1 / 2-P.212 NORTH

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

KEY NOTES: (#)

1. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS IN CORRIDOR CEILING. SEE TYPICAL UNIT PLUMBING PLANS.
2. 1/2" HOT AND COLD WATER DOWN.
3. 1/2" HOT AND COLD WATER DOWN TO LS-1.
4. 1/2" COLD WATER DOWN.
5. EXPANSION TANK SUPPORTED FROM WALL.
6. NEW WATER HEATER. CONNECT TO EXISTING NATURAL GAS PIPING FROM BELOW. MODIFY GAS PIPING AS NEEDED FOR NEW HEATER INSTALLATION. INSTALL NEW WATER HEATER ON DRAIN PAN. REMOVE EXISTING DRAIN AND INSTALL WITH FLOOR DRAIN IN ROOM. SPILL T&P VALVE TO DRAIN PAN AND DRAIN PAN TO FLOOR DRAIN. INSTALL NEW WATER HEATER WITH 6"Ø METAL VENT AND CONNECT TO EXISTING 6" B-VENT THRU ROOF.
7. RECONNECT MAIN LAUNDRY WATER HEATER TO EXISTING HOT WATER FEED FOR LAUNDRY ROOM.
8. BACKFEED LAUNDRY WATER HEATER FROM CEILING SPACE. 1-1/2" COLD WATER.
9. 2" HOT WATER, 2" COLD WATER, 3/4" HOT WATER RETURN AND 2" N.G. TO WATER HEATERS. 1-1/2" N.G. TO EACH WATER HEATER WITH SHUT-OFF AND DRIP LEG. (150 CFH) ROUTE COMBUSTION AIR AND FLUE PIPING UP THRU ROOF TO CONCENTRIC VENT FOR EACH WATER HEATER.
10. ROUTE NEW COLD WATER FROM CEILING AND CONNECT TO EXISTING COLD WATER FEED FOR LAUNDRY ROOM. FIELD VERIFY LAUNDRY AREA WATER PIPING.
11. 4" N.G. IN CEILING SPACE. SEE SHEET 2-P.101 FOR CONTINUATION.
12. 1-1/2" HOT WATER, 1-1/2" COLD WATER, 3/4" HOT WATER RETURN AND 2" N.G. TO WATER HEATERS. 1-1/2" N.G. TO EACH WATER HEATER WITH SHUT-OFF AND DRIP LEG. (150 CFH). REFER TO PIPING DIAGRAM FOR ADDITIONAL INFORMATION.
13. CONNECT NEW 2-1/2" COLD WATER TO EXISTING WATER METER. ROUTE UP INTO CEILING SPACE. COLD WATER FEED DOWN TO HOSE BIB TO REMAIN.
14. REMOVE EXISTING LAUNDRY WATER HEATER TO BE REPLACED WITH EQUAL. RECONNECT TO EXISTING DOMESTIC WATER AND GAS PIPING.
15. BALANCE VALVE SET AT 1.0 GPM.
16. CONNECT NEW COLD WATER TO EXISTING WATER HEATER.

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STATE OF MICHIGAN
JORDAN KOENIG
ENGINEER
No. 6201059789
LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

200 WING - FIRST FLOOR - PLUMBING NEW WORK PLANS

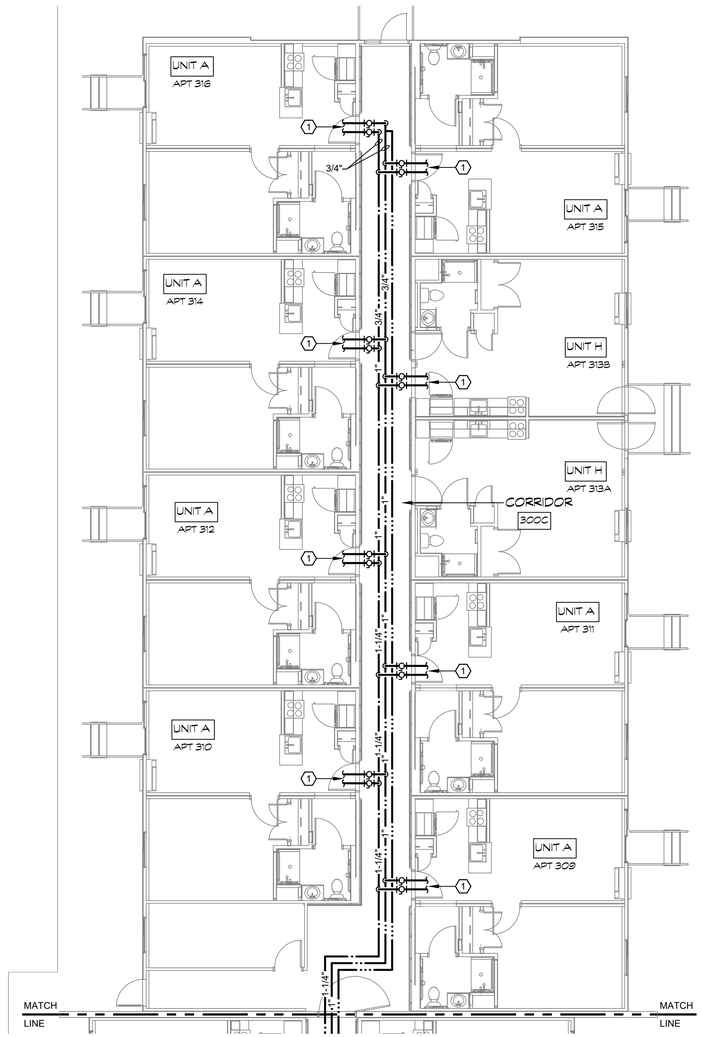
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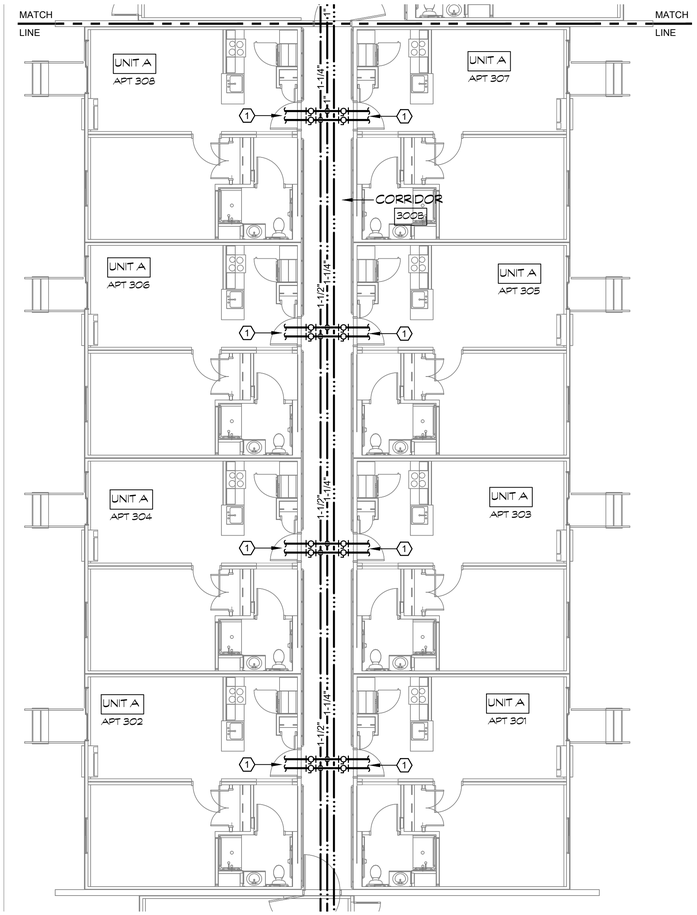
2-P.212

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MEEC JOB # 23-0017

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KEY NOTES: (#)

1. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS IN CORRIDOR CEILING. SEE TYPICAL UNIT PLUMBING PLANS.
2. 1/2" HOT AND COLD WATER DOWN.
3. 1/2" HOT AND COLD WATER DOWN TO LS-1.
4. 1/2" COLD WATER DOWN.
5. EXPANSION TANK SUPPORTED FROM WALL.
6. NEW WATER HEATER. CONNECT TO EXISTING NATURAL GAS PIPING FROM BELOW. MODIFY GAS PIPING AS NEEDED FOR NEW HEATER INSTALLATION. INSTALL NEW WATER HEATER ON DRAIN PAN. REMOVE EXISTING DRAIN AND INSTALL WITH FLOOR DRAIN IN ROOM. SPILL T&P VALVE TO DRAIN PAN AND DRAIN PAN TO FLOOR DRAIN. INSTALL NEW WATER HEATER WITH 6"Ø METAL VENT AND CONNECT TO EXISTING 6" B-VENT THRU ROOF.
7. RECONNECT MAIN LAUNDRY WATER HEATER TO EXISTING HOT WATER FEED FOR LAUNDRY ROOM.
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9. 2" HOT WATER, 2" COLD WATER, 3/4" HOT WATER RETURN AND 2" N.G. TO WATER HEATERS. 1-1/2" N.G. TO EACH WATER HEATER WITH SHUT-OFF AND DRIP LEG. (150 CFH) ROUTE COMBUSTION AIR AND FLUE PIPING UP THRU ROOF TO CONCENTRIC VENT FOR EACH WATER HEATER.
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11. 4" N.G. IN CEILING SPACE. SEE SHEET 2-P.101 FOR CONTINUATION.
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13. CONNECT NEW 2-1/2" COLD WATER TO EXISTING WATER METER. ROUTE UP INTO CEILING SPACE. COLD WATER FEED DOWN TO HOSE BIB TO REMAIN.
14. REMOVE EXISTING LAUNDRY WATER HEATER TO BE REPLACED WITH EQUAL. RECONNECT TO EXISTING DOMESTIC WATER AND GAS PIPING.
15. BALANCE VALVE SET AT 1.0 GPM.
16. CONNECT NEW COLD WATER TO EXISTING WATER HEATER.
17. COORDINATE PIPE ROUTING IN THIS AREA

300 WING - FIRST FLOOR - PLUMBING NEW WORK PLAN

1 / 2-P.213

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

NORTH

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STATE OF MICHIGAN
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ENGINEER
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REGISTERED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

300 WING - FIRST FLOOR - PLUMBING NEW WORK PLANS

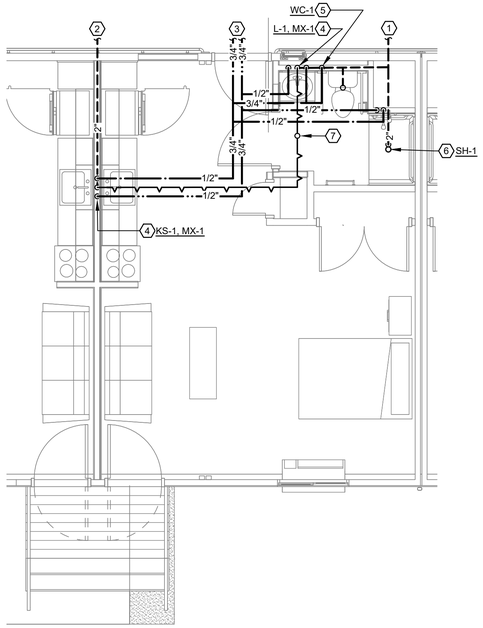
DRAWING NUMBER

2-P.213

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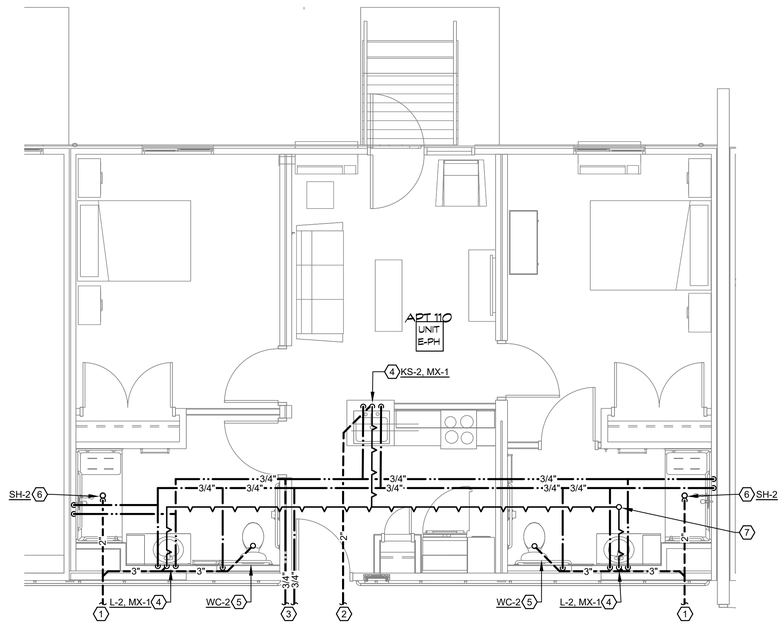
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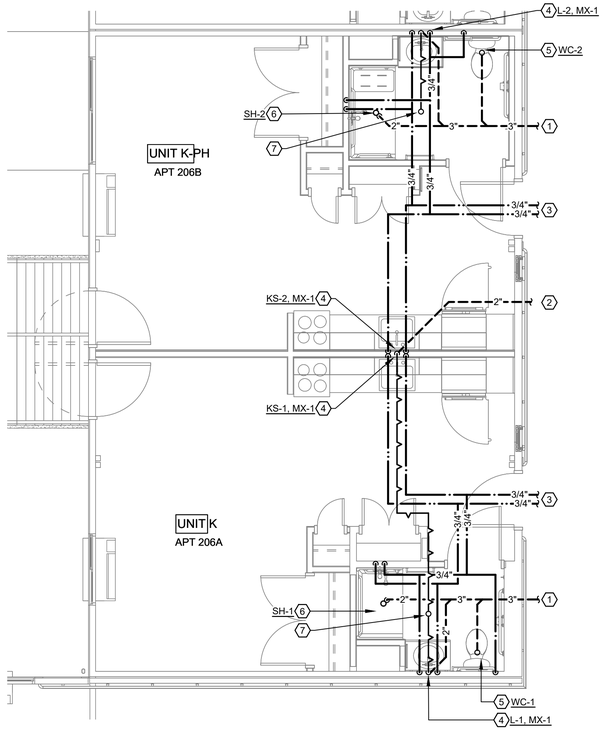
5 / 2-P.511 **100 - 300 - UNIT H PLUMBING PLAN**

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



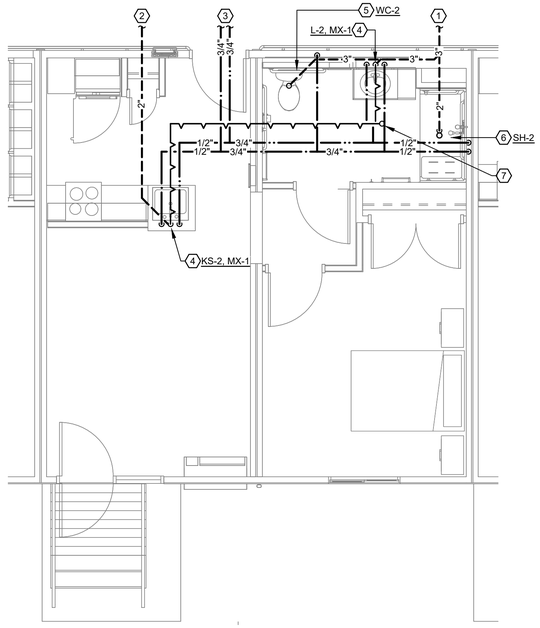
4 / 2-P.511 **100 - 300 - UNIT E-PH PLUMBING PLAN**

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



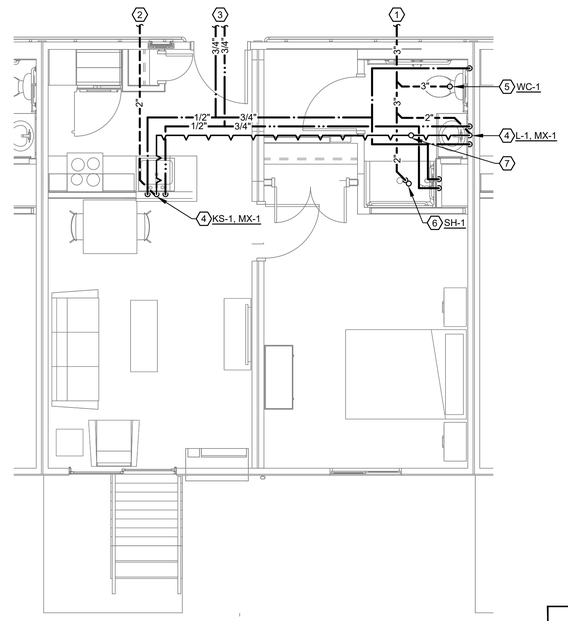
3 / 2-P.511 **100 - 300 - UNIT K & K-PH PLUMBING PLAN**

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



2 / 2-P.511 **100 - 300 - UNIT A-PH PLUMBING PLAN**

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



1 / 2-P.511 **100 - 300 - UNIT A PLUMBING PLAN**

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

GENERAL NOTES:

1. SLOPE ALL SANITARY PIPING AT 1/8" PER FOOT MINIMUM UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO FIELD VERIFY ALL CONNECTIONS TO EXISTING PIPING.

KEY NOTES: (#)

1. 3" BATHROOM SANITARY. SEE OVERALL PLUMBING PLANS FOR CONTINUATION.
2. 2" KITCHEN SINK SANITARY. SEE OVERALL PLUMBING PLANS FOR CONTINUATION.
3. 3/4" HOT AND COLD WATER TO UNIT FROM MAIN. SEE OVERALL PLUMBING PLANS FOR CONTINUATION.
4. 2" SANITARY DOWN, 1-1/2" VENT UP. 1/2" HOT AND COLD WATER DOWN.
5. 3" SANITARY DOWN. 1/2" COLD WATER DOWN.
6. 2" SANITARY WITH P-TRAP DOWN AT SHOWER. 1/2" HOT AND COLD WATER DOWN.
7. CONNECT NEW 2" VENT TO EXISTING 3" VENT THROUGH ROOF.

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

100 - 300 - TYPICAL UNIT - PLUMBING PLANS

DRAWING NUMBER

2-P.511

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MEEC JOB # 23-0017

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PLUMBING FIXTURE SCHEDULE

MARK	ITEM	ADA	DESCRIPTION	ACCESSORIES	PIPE CONNECTION SIZES				NOTES
					W	V	CW	HW	
WC-1 WC-2	FLOOR MOUNTED TANK TYPE WATER CLOSET	X	ProFlo PF1401T 1.1-1.6 GPF elongated bowl with PF5112M tank. Contractor to coordinate trip lever location	Seat: Bemis #1200SLOWT Supply: McGuire #H172BV Flange 1/4 turn angle valve	4"	2"	1/2"	---	2
L-1 L-2	COUNTER LAVATORY	X	ProFlo PF20174 Drop-in Lavatory with 4" centers	Faucet: ProFlo #PFWSC1240ACP Drain: McGuire #155A Supply: McGuire #H170BV-LR 1/4 turn p-Trap: McGuire #8872C-17T 1-1/2" Chrome Plated Brass	1-1/2"	1-1/2"	1/2"	1/2"	
KS-1 KS-2	KITCHEN SINK		ProFlo #PFSR252263A with Delta #100-DST single lever faucet, 8" tubular swing-spout aerator, 3/8" O.D. copper tube inlets, 3-hole installation	3-1/2" drain outlet, stainless steel body, conical strainer plate with moveable lift knob, neoprene stopper, c.p. brass 1-1/2" O.D. tailpiece. Provide GD-1	2"	2"	1/2"	1/2"	
GD-1	GARBAGE DISPOSER		IN-SINK-ERATOR BADGER 1	1/2 HP 110V/1Ø DISH WASHER CONNECTION	1-1/2"	---	---	---	
MX-1	THERMOSTATIC MIXING VALVE		WATTS LFUSG-B-M2	ASSE 1070 Thermostatic Mixing Valve	---	---	1/2"	1/2"	
SH-1 SH-2	SHOWER		Sterling 'Ensemble' Base: 72171120-0 (RH), 72171110-0 (LH) Back wall: 72232100 End walls: 72175100	Delta #T13420-SOS trim set with #R10000 rough body valve	---	---	1/2"	1/2"	
LS-1	WALL MOUNTED ADA LAUNDRY SINK	X	Best Sheet Metal ADA-210E242065B 1 Station Stainless Steel Sink	Electronic Faucet	1-1/2"	1-1/2"	1/2"	1/2"	

APPROVED PLUMBING FIXTURE MANUFACTURERS: AMERICAN STANDARD, MANSFIELD, CRANE, TOTO, ELKAY, KOHLER, ZURN, SLOAN, FIAT, FLORESTONE, MUSTEE.
APPROVED PLUMBING HARDWARE MANUFACTURERS: MOEN, AMERICAN STANDARD, DELTA, KOHLER, CHICAGO, SLOAN, ZURN, T&S, ACORN, TOTO.
(FIXTURES TO BE INSTALLED IN ACCORDANCE WITH ADA REQUIREMENTS)

NOTES:
1. PROVIDE PLASTIC TYPE PIPE COVERS EQUAL TO TRUEBRO "LAV GUARD" ON ALL ACCESSIBLE LAVATORIES AND SINKS.
2. ALL TANK TYPE WATER CLOSETS SHALL BE ORDERED WITH HANDLES ON THE OPEN SIDE (ADJACENT TO THE LAVATORY) PER CODE.

NATURAL GAS METER SCHEDULE

METER MAKE & MODEL	UTILITY COMPANY	TOTAL CONNECTED LOAD (CFH)	MINIMUM REQUIRED EQUIPMENT PRESSURE (IN. WC.)	PRESSURE FROM UTILITY (IN. WC.)	MAXIMUM PIPE LENGTH TO FARTHEST FIXTURE (FT.)	TOTAL EQUIVALENT LENGTH FROM FITTINGS (FT.)	TOTAL DEVELOPED LENGTH (+10%) (FT.)	MINIMUM PRESSURE DROP (IN. WC.) (PSI)	PIPE MAIN SIZE (IN.)	NOTES
TBD	TBD	7958	4.5	7	600	60	726	0.5	6	1, 2

NOTES:
1. EXISTING METER SIZE TO BE REPLACED BY UTILITY COMPANY.
2. REFER TO NATURAL GAS USAGE SCHEDULE BELOW FOR EQUIPMENT CONNECTED TO THE METER AND MINIMUM PRESSURE REQUIREMENTS OF EACH.

DOMESTIC WATER RE-CIRC PUMP SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	FLOW (GPM)	TOTAL HEAD (FT)	PUMP SIZE	ELECTRICAL DATA					NOTES:
								HP	RPM	VOLTAGE	PHASE	HZ	
DWP-1	GRUNDFOS	UP15-18BUC7	SEE PLANS	IN-LINE	2	13.5	3/4"	1/25	2,900	120	1	60	1,2,3,4,5

(APPROVED EQUAL: TACO, BELL & GOSSETT, ARMSTRONG)

NOTES:
1. U.L. LISTED
2. BRONZE FITTED
3. 5-FOOT CORD LINE WITH PLUG, AQUASTATAND TIMER
4. INTEGRATED CHECK VALVE
5. SEE WATER HEATER PIPING DIAGRAM

MINIMUM PIPE INSULATION THICKNESS

FLUID OPERATING TEMPERATURE RANGE AND USAGE (F°)	INSULATION CONDUCTIVITY (BTU. IN/H.FT2.F°)	NOMINAL PIPE OR TUBE SIZE (INCHES)		
		< 1	1 TO < 1-1/2	1-1/2 TO < 4
141-200	0.25-0.29	1.5	1.5	2.0
105-140	0.21-0.28	1.0	1.0	1.5
40-60	0.20-0.26	0.5	0.5	1.0

PIPE MATERIAL SCHEDULE

WASTE AND VENT PIPING ABOVE AND BELOW GROUND.	ABOVE GROUND: SERVICE WEIGHT NO-HUB CAST IRON PIPE AND FITTINGS WITH HEAVY-DUTY (4-BAND) SHIELDED, STAINLESS STEEL COUPLINGS. BELOW GROUND: SERVICE WEIGHT NO-HUB CAST IRON PIPE AND FITTINGS WITH HEAVY-DUTY (4-BAND) SHIELDED, STAINLESS STEEL COUPLINGS. PROVIDE PIPE WRAP ON ALL UNDERGROUND PIPING IN ACCORDANCE WITH ANSI/AWWA STANDARDS C105/A21.5-93. BED AND BACKFILL WITH CLEAN SAND, 6" THICK ALL ROUND PIPE.
DOMESTIC WATER PIPING	ABOVE GROUND: TYPE "L" COPPER WITH LEAD-FREE SOLDER JOINTS. BELOW GROUND: TYPE "K" COPPER WITH BRAZED JOINTS.
NATURAL GAS PIPING	ABOVE GROUND: SCHEDULE 40 BLACK STEEL WITH THREADED MALLEABLE IRON FITTINGS, 5-INCH AND LARGER; SCHEDULE 40 BLACK STEEL WITH SCHEDULE 40 BUTT-WELDED FITTINGS. ASTM A135, A795. BELOW GROUND: PE2406 POLYETHYLENE PIPE AND FITTINGS ASTM D 2513,WITH ELECTRIC HEAT FUSION SOCKET TYPE JOINTS. PROVIDE #12 ELECTRIC TRACER COPPER WIRE, SPIRAL WRAPPED AROUND PIPE. UNDERGROUND STEEL PIPING AND FITTINGS SHALL BE AS FOR ABOVE GROUND. PIPING SHALL BE WRAPPED AND CATHODICALLY PROTECTED PER THE SOILED ENGINEER DIRECT.
INSULATION OF DOMESTIC HOT WATER SUPPLY & RETURN & CONDENSATE DRAIN PIPING	GALSS FIBER PIPE INSULATION WITH FACTORY APPLIED WHITE JACKET, J-M MICRO-LOK 650AP, 1" THICK FOR PIPE SIZES 1/2" TO 1", AND 1-1/2" THICK FOR PIPE SIZES 1-1/4" AND 1-1/2". 2" THICK FOR PIPE SIZES 2" AND LARGER.

GAS FIRED DOMESTIC WATER HEATER SCHEDULE

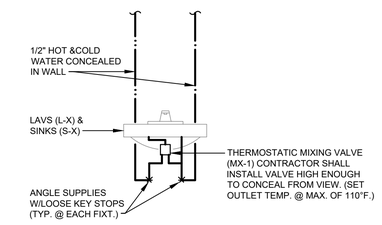
MARK	MANUFACTURER	MODEL NUMBER	LOCATION	CAPACITIES			GAS DATA		VENTS		NOTES
				RECOVERY (GPH)	STORAGE (GALLONS)	TEMP. RISE (°F)	INPUT (CFH)	FUEL	FLUE (Ø)	C.A. (Ø)	
GWH-1A	LOCHINVAR	SCN150-050	STORAGE 107	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-1B	LOCHINVAR	SCN150-050	STORAGE 107	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-2A	LOCHINVAR	SCN150-050	STORAGE 206	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-2B	LOCHINVAR	SCN150-050	STORAGE 206	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-3A	LOCHINVAR	SCN150-050	STORAGE 107	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-3B	LOCHINVAR	SCN150-050	STORAGE 107	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-4	LOCHINVAR	CGN200 080	WH ROOM 108	193	81	100	199	NATURAL GAS	6"	-	1-3, 6

(APPROVED EQUAL: LOCHINVAR, A.O. SMITH, BRADFORD WHITE, BOCK)

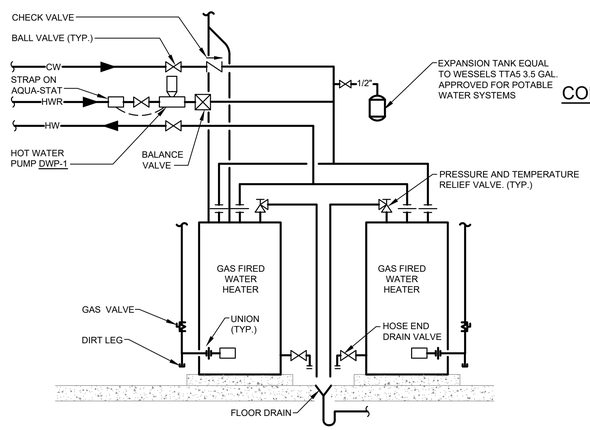
NOTES:
1. TEMPERATURE AND PRESSURE RELIEF VALVE
2. MAGNESIUM TANK SAVER ANODE ROD
3. A.G.A. CERTIFIED
4. CONCENTRIC VENT KIT
5. RECIRC PUMP DWP-1, SEE SCHEDULE
6. INSTALL WITH NEW 6" METAL VENT AND CONNECT TO EXISTING 6" B-VENT THRU ROOF.

NATURAL GAS USAGE SCHEDULE

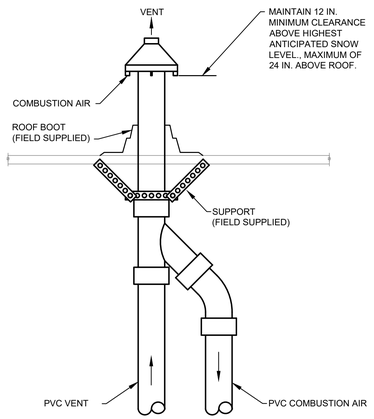
EQUIPMENT	LOAD (CFH)	MINIMUM OPERATING GAS PRESSURE (IN.WC.)	MAXIMUM OPERATING GAS PRESSURE (IN.WC.)	REQUESTED PRESSURE FROM UTILITY (IN. WC.)	NEW OR EXISTING	ESTIMATED HOURS OF OPERATION PER YEAR	NOTES
GWH-1A	150	4.5	10.5	7	NEW	1,500	
GWH-1B	150	4.5	10.5	7	NEW	1,500	
GWH-2A	150	4.5	10.5	7	NEW	1,500	
GWH-2B	150	4.5	10.5	7	NEW	1,500	
GWH-3A	150	4.5	10.5	7	NEW	1,500	
GWH-3B	150	4.5	10.5	7	NEW	1,500	
GWH-4	199	4.5	10.5	7	NEW	1,500	
FUTURE LOAD	1800	4.5	10.5	7	NEW	1,500	
EXISTING EQUIPMENT	3,158	-	-	7	EXISTING	1,500	



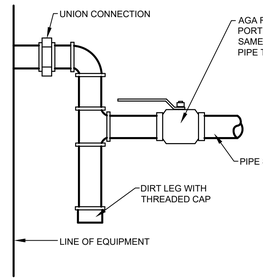
THERMOSTATIC MIXING VALVE DETAIL
N.T.S.



DUPLEX GAS FIRED WATER HEATER PIPING DIAGRAM
N.T.S.



CONCENTRIC VENT THROUGH FLAT ROOF DETAIL
N.T.S.



GAS PIPE EQUIPMENT CONNECTION DETAIL
N.T.S.

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PLUMBING SCHEDULES & DETAILS

DRAWING NUMBER

2-P.701

mechanical electrical engineering consultants pc
14496 Sheldon Rd. Ste. 260
Plymouth, MI 48170
P 734-454-5516
F 734-454-5517

ELECTRICAL SYMBOL LIST

- 24" x 48" LIGHT FIXTURE
- 24" x 24" LIGHT FIXTURE
- LIGHT FIXTURE WITH EMERGENCY LIGHTING BATTERY PACK
- NL NIGHT LIGHT
- WALL MOUNTED LIGHT FIXTURE, HEIGHT AS NOTED
- SURFACE OR RECESSED MOUNTED LIGHT FIXTURE
- (ER) EXISTING SURFACE OR RECESSED MOUNTED LIGHT FIXTURE TO BE REPLACED WITH NEW FIXTURE
- PENDANT MOUNTED LIGHT FIXTURE
- STRIP LIGHT FIXTURE
- SITE LIGHTING BOLLARD
- OUTDOOR LIGHTING POLE & LUMINAIRE
- SINGLE FACE EXIT SIGN, ARROWS AS INDICATED
- DOUBLE FACE EXIT SIGN, ARROWS AS INDICATED
- BATTERY OPERATED EMERGENCY LIGHT
- S SINGLE POLE TOGGLE SWITCH, +48" A.F.F.
- S (ER) EXISTING SINGLE POLE TOGGLE SWITCH TO BE REPLACED WITH NEW SWITCH, +48" A.F.F.
- S3 THREE-WAY TOGGLE SWITCH, +48" A.F.F.
- C DUPLEX RECEPTACLE, 120V. 20A. GROUNDING TYPE, CEILING MOUNTED RECEPTACLE.
- DUPLEX RECEPTACLE, 120V. 20A. GROUNDING TYPE, +18" A.F.F. OR AS NOTED
- (E) EXISTING DUPLEX RECEPTACLE TO BE REPLACED WITH NEW 120V. 20A. GROUNDING TYPE DEVICE WITH NEW COVERPLATE. REFER TO SPECIFICATIONS.
- (ER) EXISTING DUPLEX RECEPTACLE IN INDIVIDUAL APARTMENT TO BE REPLACED WITH NEW 120V. 15A. OR 20A. TAMPER RESISTANT GROUNDING TYPE DEVICE WITH NEW COVER PLATE. REFER TO SPECIFICATIONS.
- G DUPLEX RECEPTACLE, GFCI TYPE,120V. 20A., GROUNDING TYPE +48" A.F.F. OR 9" ABOVE COUNTER
- DOUBLE DUPLEX RECEPTACLE, 120V. 20A. GROUNDING TYPE +18" A.F.F. OR AS NOTED
- DOUBLE DUPLEX RECEPTACLE 120V. 20A. GROUNDING TYPE +48" A.F.F. OR 9" ABOVE COUNTER
- DUPLEX RECEPTACLE, 120V. 20A. GROUNDING TYPE +48" A.F.F. OR 9" ABOVE COUNTER
- WP WEATHERPROOF RECEPTACLE, +24" A.F.G.
- SPECIAL RECEPTACLE, TYPE & MOUNTING HEIGHT AS NOTED
- COMMUNICATIONS OUTLET, MOUNTING HEIGHT TO MATCH ADJACENT OUTLETS. OUTLET TO INCLUDE EMPTY 3/4"C. TO CEILING SPACE
- TELEPHONE OUTLET WITH EMPTY CONDUIT RUN TO TELEPHONE BACKBOARD
- TV TELEVISION OUTLET
- J JUNCTION BOX - CEILING MOUNTED
- J JUNCTION BOX - WALL MOUNTED, HEIGHT AS NOTED
- MOTOR CONNECTION
- PANELBOARD
- EXISTING PANELBOARD
- DISTRIBUTION PANELBOARD
- MAIN SWITCHBOARD
- T TRANSFORMER

ONE-LINE DIAGRAM SYMBOLS

SYMBOL	DESCRIPTION
200AF 175AT	CIRCUIT BREAKER - UPPER NUMERAL DENOTES AMPERAGE FRAME RATING AND LOWER NUMERAL INDICATES TRIP RATING
200 110	FUSIBLE DISCONNECT SWITCH - UPPER NUMERAL DENOTES SWITCH SIZE, LOWER NUMERAL DENOTES FUSE SIZE
G	GENERATOR
	GROUND
K	KIRK-KEY INTERLOCK
14,874 A. SYM. 3Ø	INDICATES AVAILABLE FAULT CURRENT IN 3-PHASE SYMMETRICAL AMPERES
	TRANSFORMER
	AUTOMATIC TRANSFER SWITCH

- MAGNETIC MOTOR STARTER
- COMBINATION MOTOR STARTER
- 30 60 FUSIBLE DISCONNECT SWITCH - UPPER NUMERAL DENOTES SWITCH SIZE, LOWER NUMERAL DENOTES FUSE SIZE
- NON-FUSED DISCONNECT SWITCH - NUMERAL DENOTES SWITCH SIZE
- F FIRE ALARM MANUAL PULL STATION +48" A.F.F.
- F FIRE ALARM AUDIBLE/VISUAL COMBINATION DEVICE +80" A.F.F.
- V FIRE ALARM VISUAL DEVICE +80" A.F.F.
- H DOOR HOLD OPEN DEVICE
- S SINGLE STATION SMOKE DETECTOR
- S/CO COMBINATION SMOKE / CO DETECTOR
- S SYSTEM SMOKE DETECTOR
- FIRE ALARM 520HZ SOUNDER COMPLIANCE WITH NFPA 72 AND NFPA 720
- 177cd COMBINATION VISUAL APPLIANCE AND FIRE ALARM SPEAKER WITH 520HZ IN COMPLIANCE WITH NFPA 72, NFPA 720 AND 177cd STROBE
- TS SPRINKLER SYSTEM TAMPER SWITCH
- WF SPRINKLER SYSTEM WATER FLOW
- FACP FIRE ALARM CONTROL PANEL
- CR CARD READER OUTLET +44" A.F.F.
- S D DUCT SMOKE DETECTOR
- S P SYSTEM SMOKE DETECTOR ABOVE CEILING
- 1/2"C. STUBBED INTO DOOR FRAME FROM ABOVE DOOR CONTACT
- CONDUIT RUN IN WALL OR ABOVE CEILING
- CONDUIT RUN BELOW GRADE OR CONCRETE SLAB
- BRANCH CIRCUIT HOMERUN
- LOW VOLTAGE WIRING FOR LIGHTING CONTROL
- G BRANCH CIRCUIT HOMERUN WITH (3) LINE CONDUCTORS, (1) NEUTRAL CONDUCTOR, (1) SAFETY GROUND CONDUCTOR & (1) ISOLATED GROUND CONDUCTOR
- EXISTING TO BE REMOVED OR ABANDONED
- NOTE: ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION IS 2-WIRE PLUS GROUND WIRE. A GREATER NUMBER OF WIRES IS INDICATED BY HASH MARKS.

ELECTRICAL ABBREVIATIONS

A.C.	ALTERNATING CURRENT
AC	ABOVE COUNTERTOP
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR TO CENTERLINE
AFG	ABOVE FINISHED GRADE TO CENTERLINE
BC	BLANK COVER PLATE
C	CONDUIT
CKT/CIRC	CIRCUIT
CTC	CURRENT TRANSFORMER CABINET
DP	DISTRIBUTION PANEL
(E)	EXISTING
(ER)	EXISTING TO BE REPLACED WITH NEW
EP	ELECTRIC PANEL
EF	EXHAUST FAN
EWC	ELECTRIC WATER COOLER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FURN	FURNACE
G/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GROUNDED
IG	ISOLATED GROUND
MDP	MAIN DISTRIBUTION PANEL
(N)	NEW OR RELOCATED
NL	NIGHT LIGHT
PP	POWER PANEL
P/P	POWER POLE
RIO	ROUGHED-IN ONLY
RTU	ROOFTOP UNIT
(R)	RELOCATED
S	SURFACE MOUNTED
UC	UNDER COUNTER
UON	UNLESS OTHERWISE NOTED
WH	WATER HEATER
WP	WEATHERPROOF

GENERAL NOTES

1. THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND/OR LOCAL CODES. IF A DISCREPANCY BETWEEN CODES OCCURS, THE MOST STRINGENT SHALL PREVAIL.
2. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. SHOULD DISCREPANCIES BE DISCOVERED, THE CONTRACTOR SHALL VERIFY INTENT WITH THE ENGINEER/OWNER BEFORE PROCEEDING.
3. COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION.
4. COORDINATE ALL ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT WITH THE OWNER PRIOR TO BEGINNING WORK. THESE DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE DURING THE DESIGN PHASE OF THE PROJECT.
5. COORDINATE WITH MILLWORK CONTRACTOR TO DETERMINE THE EXACT LOCATION OF OUTLETS BEING PLACED IN MILLWORK.
6. ALL DEVICES ARE TO BE FLUSH MOUNTED UNLESS NOTED OTHERWISE.
7. DEVICES NOTED "GFI" SHALL INCLUDE GROUND FAULT INTERRUPTING DEVICES.
8. DEVICES NOTED "WP" SHALL BE WEATHERPROOF, "WHILE-IN-USE" TYPE WHERE APPLICABLE.
9. DEVICES NOTED "NL" SHALL BE NIGHT LIGHTS. PROVIDE UN-SWITCHED BRANCH CIRCUIT CONDUCTORS TO EACH FIXTURE.
10. CONNECT ALL EXIT AND EMERGENCY LIGHTING FIXTURES TO LOCAL LIGHTING CIRCUIT, AHEAD OF ALL SWITCHES, PER NEC.
11. ELECTRICAL CONTRACTOR SHALL PROVIDE SAFETY DISCONNECT SWITCHES FOR ALL MECHANICAL AND PLUMBING EQUIPMENT.
12. MULTI-WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH THE MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNDERGROUND CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES. REFER TO 2023 NEC 210.4 (B). THIS APPLIES TO ALL MULTI-WIRE BRANCH CIRCUITS SUPPLYING ANY LOAD.
13. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT-CARRYING CONDUCTORS. HOMERUNS CONTAINING MORE THAN THREE CURRENT-CARRYING CONDUCTORS SHALL BE DERATED IN ACCORDANCE WITH THE 2023 NEC.
14. BRANCH CIRCUIT HOMERUN CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE 2023 NEC. THE MAXIMUM ALLOWABLE VOLTAGE DROP ON A FEEDER IS 2% AND THE MAXIMUM ALLOWABLE VOLTAGE DROP ON A BRANCH CIRCUIT IS 3%. PROVIDE BRANCH CIRCUIT CONDUCTORS SIZED TO ENSURE THE TOTAL VOLTAGE DROP FROM THE SOURCE TO THE POINT OF UTILIZATION IS LESS THAN OR EQUAL TO 5%.
15. DEDICATED NEUTRALS SHALL BE PROVIDED FOR ALL BRANCH CIRCUITS, EXCEPT WHERE A MULTI-WIRE CIRCUIT IS REQUIRED TO SERVE THE LOAD (I.E. SYSTEMS FURNITURE). WHEN SHARING THE NEUTRAL CONDUCTOR IN A MULTI-WIRE CIRCUIT, THE NEUTRAL SIZE SHALL BE INCREASED 177%.
16. ALL MOUNTING HEIGHTS PROVIDED ARE TO CENTER OF DEVICE, UNLESS OTHERWISE INDICATED.

BUILDING FIRE ALARM SYSTEM NOTES

1. ACTUAL CONDUIT SIZES AND ROUTING TO BE AS DIRECTED BY THE FIRE ALARM CONTRACTOR.
2. ACTUAL WIRE SIZES AND QUANTITIES TO BE AS DIRECTED BY FIRE ALARM CONTRACTOR.
3. REFER TO FLOOR PLANS FOR EXACT QUANTITY AND LOCATIONS OF ALL FIRE ALARM DEVICES.
4. PROVIDE VISUAL NOTIFICATION DEVICES WITH CANDELA RATINGS SIZED PER NFPA.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY NAC PANELS, ACCESSORIES, CIRCUITS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
6. ALL FIRE ALARM WIRING SHALL COMPLY WITH ARCTICLE 760.

PROJECT SPECIFIC NOTES

1. APPLICABLE CODES INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, THE FOLLOWING:
   - 1.1. 2015 MICHIGAN BUILDING CODE
   - 1.2. 2023 NEC WITH MICHIGAN PART 8 AMENDMENTS (INCLUDING NEC ART. 708)
   - 1.3. 2010 ADA STANDARDS
   - 1.4. 2015 MICHIGAN ENERGY CODE (IECC 2015 / ASHRAE 90.1 - 2013)
   - 1.5. 2009 ICC ANSI STANDARD A117.1-2009
   - 1.6. 2015 INTERNATIONAL FIRE CODE
   - 1.7. FAIR HOUSING ACT DESIGN MANUAL
   - 1.8. 2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE
   - 1.9. 2013 NFPA 110 - STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS.
2. CONTRACTOR SHALL PROVIDE NAMEPLATES FOR ALL NEW ELECTRICAL EQUIPMENT.
3. ALL NEW WIRING AND BUSSING SHALL BE COPPER, UNLESS OTHERWISE NOTED.
4. A SEPARATE EQUIPMENT GROUNDING CONDUCTORS, SIZED PER NEC, SHALL BE INSTALLED WITH ALL CIRCUIT CONDUCTORS.
5. PROVIDE A THERMAL-ADHESIVE LABEL ON EACH COMMON AREA DEVICE (LIGHT SWITCH, RECEPTACLE, ETC.) INDICATING THE SOURCE PANEL AND CIRCUIT NUMBER.

APARTMENT UNIT NOTES:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLES INSTALLED PER NEC SECTION 210.52.
2. ALL WORK WITHIN DWELLING UNITS MUST CONFORM TO NEC 2023 ARTICLE 210.12 (ARC-FAULT PROTECTION) AND ARTICLE 406.12 (TAMPER-RESISTANT RECEPTACLES). PROVIDE ACCORDINGLY IN ALL REQUIRED AREAS. ALL 15 & 20 AMP, 120V RECEPTACLES SHALL BE TAMPER RESISTANT TYPE.
3. COORDINATE MOUNTING HEIGHTS OF ALL ABOVE COUNTER RECEPTACLES WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. ALL RECEPTACLES IN KITCHEN, LAUNDRY, AND BATH SHALL BE GFCI TYPE.
4. THE MAXIMUM NUMBER OF OUTLETS ON A 20 AMPERE, 125 VOLT (NOMINAL) CIRCUIT USED EXCLUSIVELY FOR RECEPTACLES, FOR LIGHTING OUTLETS OR ANY COMBINATION OF RECEPTACLES AND LIGHTING OUTLETS SHALL BE TWELVE (12).
5. NO MORE THAN FIVE (5) DUPLEX RECEPTACLES SERVING THE REQUIRED COUNTER TOP RECEPTACLES SHALL BE INSTALLED ON ANY SMALL APPLIANCE BRANCH CIRCUIT.
6. ALL ELECTRICAL OUTLET BOXES IN FIRE-RATED WALL ASSEMBLIES SHALL BE U.L. APPROVED FOR THIS USE, AND INSTALLED AS REQUIRED BY CODE TO MAINTAIN THE FIRE RATING OF THE WALL. THE SURFACE AREA OF OUTLET BOXES SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET OF WALL SURFACE. PROVIDE FIRE STOPPING AT ALL PENETRATIONS IN FIRE-RATED WALLS. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALL LOCATIONS.
7. THE ANNULAR SPACE BETWEEN THE WALL MEMBRANE AND THE BOX SHALL NOT EXCEED 1/8". BOXES INSTALLED ON OPPOSITE SIDES OF THE WALL OR PARTITION SHALL BE SEPARATED BY ONE OF THE FOLLOWING:
   - a. BY A HORIZONTAL DISTANCE OF 24" MINIMUM, WHERE THE WALL IS CONSTRUCTED WITH NON-COMMUNICATING STUD CAVITIES.
   - b. BY A HORIZONTAL DISTANCE NOT LESS THAN THE DEPTH OF THE WALL CAVITY WHERE THE STUD SPACE IS FILLED WITH CELLULOSE LOOSE-FILL, ROCKWOOL, OR SLAG MINERAL WOOL INSULATION.
   - c. BY SOLID FIRE BLOCKING INSTALLED PER 717.2.1.
   - d. BY PROTECTING BOTH BOXES WITH LISTED PUTTY PADS.

   COMPLY WITH OPTION 'a' WHEREVER POSSIBLE.
8. ALL UNIT SMOKE DETECTORS SHALL BE INTERCONNECTED SO THAT IF ONE GOES INTO ALARM MODE, THEY ALL WILL SOUND. ALL UNIT SMOKE DETECTORS SHALL BE SINGLE- OR MULTIPLE-STATION TYPE, AND SHALL BE POWERED BY 120V. CIRCUIT AND SHALL BE PROVIDED WITH BATTERY BACKUP. CONNECT TO GENERAL LIGHTING/RECEPTACLE CIRCUIT SERVING THE ROOM THAT IS PROTECTED BY AN AFCI TYPE CIRCUIT BREAKER.
9. MOUNT APARTMENT UNIT LOAD CENTERS SUCH THAT ALL CIRCUIT BREAKER HANDLES ARE NO HIGHER THAN +48" AFF AND NO LOWER THAN 15" AFF.
10. RECESSED LIGHTING FIXTURES INSTALLED IN FIRE-RATED CEILING ASSEMBLIES SHALL BE COVERED WITH MINIMUM ONE-HOUR FIRE-RATED LIGHTING FIXTURE COVER AS MANUFACTURED BY TENMAT, EZ BARRIER, OR APPROVED EQUAL.
11. RECESSED LIGHTING FIXTURES INSTALLED IN BUILDING THERMAL ENVELOPE AND/OR INSULATED CEILING SHALL BE IC-RATED AND SHALL BE LISTED TO HAVE AN AIR LEAKAGE RATE NOT MORE THAN 2.0 CFM WHEN TESTED PER ASTM E 283 AT 1.57 PSF PRESSURE DIFFERENTIAL. THE FIXTURE MUST ALSO BE SEALED TO THE DRYWALL CEILING WITH CAULK OR A GASKET.

GENERAL NOTES - DEMOLITION

1. CERTAIN AREAS IN THE EXISTING BUILDING SHALL BE MODIFIED TO SUIT THE NEW REQUIREMENTS. THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED TO COMPLETE A SAFE REMOVAL OF THE ELECTRICAL SYSTEMS AS INDICATED BY THE NOTES ON THIS DRAWING.
2. WORK IN THE AREA SHALL INCLUDE THE DISCONNECTION, REMOVAL, RELOCATION, AND RECONNECTION COMPLETE IN ALL RESPECTS OF ALL ITEMS REQUIRED TO SUIT THE DESIGN INTENT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE PROJECT SITE TO CORRECTLY ASCERTAIN THE SCOPE OF SERVICES AND TO INCLUDE ALL PERTINENT COSTS IN HIS BID. NO EXTRAS WILL BE ALLOWED.
3. ALL ELECTRICAL WORK INTERFERING WITH AND REQUIRING MODIFICATION FOR THE NEW REQUIREMENTS SHALL BE RELOCATED AS DIRECTED BY BUILDING MANAGEMENT PERSONNEL AND REINSTALLED AND REWIRED AS NECESSARY TO THE SATISFACTION OF THE BUILDING OWNER.
4. PROVIDE ALL EQUIPMENT, MATERIALS, LABOR AND SUPERVISION NECESSARY TO PROVIDE A SAFE ELECTRICAL INSTALLATION. ALL ELECTRICAL DEVICES AND SYSTEMS THAT ARE INDICATED AS EXISTING TO REMAIN SHALL BE IN SAFE WORKING ORDER.
5. OBTAIN NECESSARY PERMITS FROM THE LOCAL AUTHORITY HAVING JURISDICTION BEFORE PROCEEDING WITH ANY WORK IN THE FIELD.
6. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, OSHA AND OTHER ELECTRICAL SAFETY STANDARDS AND GUIDELINES. CONFORM TO ALL STATE AND LOCAL CODES AND STANDARDS.
7. ALL EQUIPMENT AND WIRING NOT IN RENOVATION AREAS BUT AFFECTED BY WORK IN RENOVATION AREAS SHALL BE RECONNECTED AS REQUIRED FOR A COMPLETE WORKING SYSTEM.
8. ABANDONED AND INACTIVE CONDUITS, WIRE, DEVICES, EQUIPMENT, ETC., SHALL BE REMOVED IN THEIR ENTIRETY. IN ADDITION TO THESE ITEMS, THIS CONTRACTOR SHALL REMOVE ALL ITEMS AS INDICATED ON THE PLANS, OR AS REQUIRED TO CLEAN UP THE ENTIRE AREA OF UNUSED, ABANDONED, OR INACTIVE MATERIALS. CONDUIT AND WIRING FEEDING DEVICES AND EQUIPMENT TO BE REMOVED SHALL ALSO BE REMOVED UP TO THE NEXT ACTIVE PULLBOX, JUNCTION BOX, OR PANELBOARD. HANGERS, MESSENGER CABLE, BRACKETS, ETC, SUPPORTING ITEMS TO BE REMOVED SHALL ALSO BE UNFASTENED AND REMOVED. OPEN HOLES IN DUCTS, BOXES, PANELBOARDS, AND KNOCKOUTS SHALL BE CLOSED WITH SUITABLE SNAP PLUGS OR FILLER PLATES.
9. THE CONTRACTOR SHALL REMOVE AND DELIVER TO A PLACE DESIGNATED BY THE OWNER ALL EXISTING ELECTRICAL EQUIPMENT NO LONGER INTENDED FOR USE. THIS EQUIPMENT REMAINS THE PROPERTY OF THE OWNER.
10. ANY EQUIPMENT, DEVICES, MATERIALS, ETC., THE OWNER ELECTS NOT TO RETAIN SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR OFF THE OWNER'S PREMISES.
11. AT COMPLETION OF ALL ELECTRICAL WORK, UPDATE CIRCUIT DIRECTORIES IN PANELS AFFECTED BY NEW WORK WITH NEW TYPEWRITTEN CIRCUIT DESCRIPTIONS. CIRCUIT DIRECTORIES SHALL BE MOUNTED ON INSIDE OF FRONT PANEL COVER IN A CLEAR PLASTIC ENCLOSURE.
12. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND IN ACCORDANCE WITH THEIR LISTING OR LABELING REQUIREMENTS. ANY PENETRATIONS THROUGH FIRE RATED ASSEMBLIES THAT ARE CREATED BY THE ELECTRICAL DEMOLITION, SHALL BE SEALED AND RESTORED IN ACCORDANCE WITH THE UL FIRE RESISTANCE DIRECTORY.
13. WHERE CONDUIT AND/OR OUTLET BOXES INDICATED FOR DEMOLITION ARE EMBEDDED IN CONCRETE OR BELOW CONCRETE SLAB, ABANDON IN PLACE. CUT BACK AND SEAL EXPOSED CONDUIT. PROVIDE BLANK COVERS FOR ABANDONED BOXES. REMOVE ALL ASSOCIATED WIRING BACK TO SOURCE.

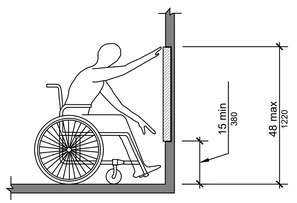


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor.

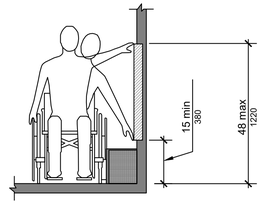
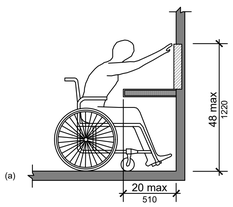


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

308.3.1 Unobstructed. Where a clear floor space complying with Section 305 allows a parallel approach to an element and the edge of the clear floor space is 10 inches (255 mm) maximum from the element, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the floor.



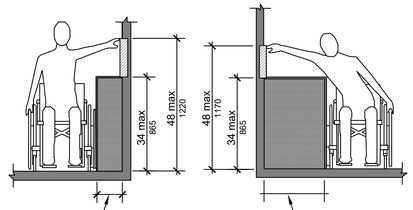


FIGURE 308.3.2
OBSTRUCTED HIGH SIDE REACH

308.3.2 Obstructed High Reach. Where a clear floor space complying with Section 305 allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum above the floor and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum above the floor for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum above the floor for a reach depth of 24 inches (610 mm) maximum.

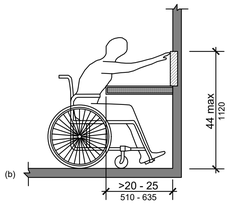


FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

ACCESSIBILITY REACH RANGE REQUIREMENTS

ELECTRICAL CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROLS, RECEPTACLES AND OTHER OPERATING PARTS IN CONFORMANCE WITH 1CC A117.1-2009 (NEC ANNEX 'J') & AS DESCRIBED ABOVE.

ACCESSIBILITY REACH DETAILS

N. T. S.

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

SYMBOL LIST, DETAILS, NOTES & ABBREVIATIONS

DRAWING NUMBER

2-E.001

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INTERIOR LIGHTING FIXTURE SCHEDULE

BASIS OF DESIGN

TYPE	DESCRIPTION	LIGHT SOURCE	LUMEN OUTPUT	CCT	CRI	INPUT VOLTAGE	INPUT WATTAGE	BALLAST/ DRIVER TYPE	MANUFACTURER	NOMENCLATURE	INTEGRAL CONTROLS	MOUNTING INFORMATION	NOTES
'A'	RECESSED CEILING DOWNLIGHT	LED	1020	3000K	80	120	13	ELV DRIVER	LITHONIA	WF6-LED-30K-MW	--	--	--
'B'	VANITY LED 36"	LED	1922	3000K	90	120	25.3	MLV DRIVER	LITHONIA	FMVCSL-36IN-MVOLT-30K-90CRI-BW	--	MOUNT ABOVE MIRROR	--
'B1'	VANITY LED 24"	LED	1304	3000K	90	120	17.7	MLV DRIVER	LITHONIA	FMVCSL-24IN-MVOLT-30K-90CRI-BW	--	MOUNT ABOVE MIRROR	--
'C'	WALL BRACKET LED PORCH LIGHT	LED	700	3000K	80	120	9	TRIAC DRIVER	CHLOE LIGHTING	CH22L52BK15-0D1	--	SURFACE WALL MOUNT ON EXISTING OUTLET BOX	AT NEW FIXTURE LOCATIONS MOUNT AT +84" AFF
'D'	SURFACE CEILING LED LINEAR 1'x4'	LED	6119	3000K	90	120	48.9	0-10V DRIVER	LITHONIA	SBL4-60000LM-80CRI-30K-MIN10-GZ10-MVOLT	--	SURFACE CEILING OR PENDANT MOUNT AT 96" AFF	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'DX'	SURFACE CEILING LED LINEAR 1'x4'	LED	6119	3000K	90	120	48.9	0-10V DRIVER	LITHONIA	SBL4-60000LM-80CRI-30K-MIN10-GZ10-MVOLT -EL14L	--	SURFACE CEILING OR PENDANT MOUNT AT 96" AFF	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'E'	RECESSED 2'x4' LED TROFFER	LED	3188	3000K	90	120	22.5	0-10V DRIVER	LITHONIA	2AVL4-30LSE-GZ10-LP830-WH	--	RECESSED TROFFER	--
'F'	SURFACE CEILING LED LINEAR 1'x4'	LED	3397	3000K	90	120	29	0-10V DRIVER	LITHONIA	BLT4-30L-ADP-GZ10-LP830	--	SURFACE CEILING OR PENDANT MOUNT AT 96" AFF	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'FX'	SURFACE CEILING LED LINEAR 1'x4'	LED	3397	3000K	90	120	29	0-10V DRIVER	LITHONIA	BLT4-30L-ADP-GZ10-LP830-EL14L	--	SURFACE CEILING OR PENDANT MOUNT AT 96" AFF	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'G'	SUSPENDED 24" DIA. DRUM LED STEM MOUNTED	LED	2000	3000K	90	120	24	0-10V DRIVER	CHAMELEON	FD-24-5-WA-34A24-35-9-30K/SV4-W	--	PENDANT CEILING ON 12" STEM	WHITE ACRYLIC SHADE
'H'	SURFACE CEILING LED 2'x4' LUMINAIRE	LED	4000	3000K	82	120	34	0-10V DRIVER	LITHONIA	2BLT4-40L-ADP-GZ10-LP830	--	SURFACE CEILING OR PENDANT MOUNT	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'J'	SURFACE CEILING LED LINEAR 1'x4'	LED	3975	3000K	90	120	34	0-10V DRIVER	LITHONIA	BLT4-40L-ADP-GZ10-LP830	--	SURFACE CEILING OR PENDANT MOUNT	WHERE PENDANT MOUNT IS REQUIRED USE 2 SINGLE-STEM HANGERS
'K'	SUSPENDED 18" DIA. DRUM LED STEM MOUNTED	LED	2000	3000K	90	120	24	0-10V DRIVER	CHAMELEON	SCD-18-S-PT-SV4-20D18-30-9/CCK-SV4-W	--	PENDANT SUSPENDED AT +96" AFF	--
'L'	SUSPENDED 24" DIA. DRUM LED SURFACE MOUNTED	LED	4000	3000K	90	120	48	0-10V DRIVER	CHAMELEON	FD-24-S-WA-SV4-40D24-30-9	--	SURFACE CEILING DRUM	--
'M'	SUSPENDED 18" DIA. DRUM LED SURFACE MOUNTED	LED	2000	3000K	90	120	24	0-10V DRIVER	CHAMELEON	FD-18-S-WA-SV4-20D18-30-9/SCK-W	--	SURFACE MOUNT AT +96" AFF	--
'N'	SHOWER LIGHT LED	LED	950	2700K	90	120	9	0-10V DRIVER	JUNO	JSBT-4IN-90CRI-WL-MW	--	JUNCTION BOX MOUNTING	--
'O'	4" DIA. LED DOWNLIGHT	LED	800	3000K	90	120	10.1	ELV DRIVER	LITHONIA	WF4-LED-30K-90CRI-MW	--	--	--
'P'	2'x4' LED ENCLOSED TROFFER	LED	3922	3000K	80	120	30	0-10V DRIVER	LITHONIA	2GTL-440L-GZ10-LP830	--	--	--
'PX'	2'x4' LED ENCLOSED TROFFER	LED	3922	3000K	80	120	30	0-10V DRIVER	LITHONIA	2GTL-440L-GZ10-LP830-EL14L	--	--	--
'Q'	LED PENDANT GLASS DECORATIVE	LED	4506	2200K	90	120	9	TRIAC DRIVER	KICHLER	42-8728-N1	--	--	5 WATT #5W-ST18-E26 CLEAR LAMP
'R'	2'x4' LED TROFFER	LED	250	3000K	80	120	46.6	0-10V DRIVER	LITHONIA	2BLT4-60L-ADP-GZ10-LP830	--	--	--
'S'	2'x4' LED TROFFER	LED	4102	3000K	80	120	30.5	0-10V DRIVER	LITHONIA	2BLT4-40L-ADP-GZ10-LP830	--	--	--
'T'	14" UNDER CABINET TASK LIGHT	LED	470	3000K	90	120	5	DIMMING	JUNO	UPLD 14IN SWW4 90 CRI WH	--	HARD WIRED UNDER CABINET	--
'T1'	9" UNDER CABINET TASK LIGHT	LED	300	3000K	90	120	4	DIMMING	JUNO	UPLD 9IN SWW4 90 CRI WH	--	HARD WIRED UNDER CABINET	--
'W'	14" SQUARE SURFACE LED	LED	2121	3000K	90	120	20	DIMMING	JUNO	JSFSQ 14IN 21LM 90CRI MVOLT ZT WH	--	SURFACE CEILING	
'X'	UNIVERSAL MOUNT EXIT SIGN	LED	--	--	--	120	2.5	--	LIGHT ALARMS	QLXN500-RN	--	CEILING OR WALL MOUNT AS INDICATED	SINGLE OR DOUBLE FACE AS INDICATED. ARROWS AS INDICATED.
'XA'	UNIVERSAL MOUNT EXIT SIGN	LED	--	--	--	120	5.8	--	LIGHT ALARMS	QLXN500-RNRID	--	CEILING OR WALL MOUNT AS INDICATED	SINGLE OR DOUBLE FACE AS INDICATED. REMOTE CAPACITY TO POWER TYPE 'EM1'.
'XB'	COMBO EXIT LIGHTS W/ REMOTE	LED	--	--	--	120	--	--	LITHONIA	ECRG-HO-RD-M6	--	--	--
'XC'	TWIN WP REMOTE HEADS	LED	--	--	--	36V	--	--	LITHONIA	ERE-GY-T-WP-RD	--	--	--
'EM'	CEILING FLUSH EMERGENCY LIGHT	LED	680	5000K	--	120	--	--	LIGHT ALARMS	RPW	--	--	--
'EM1'	WALL MOUNTED TWIN HEAD REMOTE EMERGENCY LIGHT	LED	--	--	--	120	3	--	LIGHT ALARMS	ELF612D/LED	--	MOUNT ABOVE EXTERIOR EXIT DOOR	--
'EM2'	WALL MOUNTED SELF-POWERED EMERGENCY LIGHT	LED	300	--	--	120	4	--	LIGHT ALARMS	CM-PB-LA	--	MOUNT ON WALL +7'-0" AFF	--
'NL1'	IN-WALL LED NIGHT LIGHT W / PHOTOCELL	LED	39	3000K	--	120	1.2	--	HEALTHCARE ACUITY	HNL 610 MVOLT LED30 PC	PHOTOCELL	MOUNT IN WALL +18" A.F.F. TO CENTER OF FIXTURE	SINGLE FACE
'NL2'	IN-WALL LED NIGHT LIGHT W / PHOTOCELL	LED	39	3000K	--	120	1.2	--	HEALTHCARE ACUITY	HNL 612 MVOLT LED20 PC	PHOTOCELL	MOUNT IN WALL +18" A.F.F. TO CENTER OF FIXTURES	DOUBLE FACE

AUTOMATIC LIGHTING CONTROL LEGEND

WALL CONTROLLERS

11 WSXA PDT SA
WALL SWITCH SENSOR, PASSIVE DUAL TECHNOLOGY, MANUAL- ON, AUTO OFF

12 WSXA PDT D SA / WSXA MWO PDT D SA
WALL SWITCH SENSOR, PASSIVE DUAL TECHNOLOGY, OCCUPANCY CONTROLLED DIMMING, MANUAL- ON, AUTO OFF

19 nPODMA
LOW VOLTAGE PUSH-BUTTON WALLPOD, ON/OFF

20 nPODMA 2P
LOW VOLTAGE PUSH-BUTTON WALLPOD, 2-POLE, ON/OFF

21 nPODMA DX
LOW VOLTAGE PUSH-BUTTON WALLPOD, OCCUPANCY CONTROLLED DIMMING

22 nPODMA 2P DX
LOW VOLTAGE PUSH-BUTTON WALLPOD, 2-POLE, OCCUPANCY CONTROLLED DIMMING

23 nPODMA 4P DX
LOW VOLTAGE PUSH-BUTTON WALLPOD, 4-POLE, OCCUPANCY CONTROLLED DIMMING

24 nWSXA PDT LV
WALL SWITCH SENSOR, MANUAL- ON, AUTO OFF

S nPOD 1SB
LOW VOLTAGE DIGITAL ON/OFF SWITCH

LOAD CONTROLLERS

50 PP20
POWER/ RELAY PACK, OCCUPANCY CONTROLLED, ON - OFF.

55 BLCD-20B
EMERGENCY LIGHTING CONTROL UNIT. GENERATOR TRANSFER DEVICE. (BODINE)

60 nPP16 D EFP SA
POWER/ RELAY PACK, OCCUPANCY CONTROLLED DIMMING, EXTERNAL FAULT PROTECTION, MANUAL- ON, AUTO OFF

62 nPP16 D ER EFP SA
POWER/ RELAY PACK, EMERGENCY OPERATION, OCCUPANCY CONTROLLED DIMMING, EXTERNAL FAULT PROTECTION, MANUAL- ON, AUTO OFF

64 BLCD16DIM
EMERGENCY LIGHTING CONTROL UNIT. GENERATOR TRANSFER DEVICE. 0-10V DIM OVERRIDE. (BODINE)

SENSORS

72 CM 10
CEILING MOUNT SENSOR, LARGE MOTION / EXTENDED RANGE 360° LENS, LOW VOLTAGE

71 CM 9
CEILING MOUNT SENSOR, SMALL MOTION / STANDARD RANGE 360° LENS, LOW VOLTAGE

82 nCM PDT 10 AR RJB
CEILING MOUNT SENSOR, PASSIVE DUAL TECHNOLOGY, LARGE MOTION / EXTENDED RANGE 360° LENS, LOW VOLTAGE

84 nCM PDT 10 RJB ADCX
CEILING MOUNT SENSOR, PASSIVE DUAL TECHNOLOGY, LARGE MOTION 360° LENS, LOW VOLTAGE. PHOTOCELL AUTOMATIC DIMMING CONTROL

LIGHTING CONTROL NOTES:

1. SET ALL DEVICES FOR MANUAL-ON CONTROL, EXCEPT WHERE AUTO-ON IS PERMISSIBLE PER ENERGY CODE.
2. COMPLETE LIGHTING CONTROL SYSTEM SHALL BE PROVIDED IN COMPLIANCE WITH ASHRAE 90.1/2013. PROVIDE COMPLIANCE WITH THE LIGHTING POWER DENSITY REQUIREMENTS OF SECTION 9 AND THE AUTOMATIC SHUT-OFF REQUIREMENTS OF SECTION 9.4.1.1.
3. ALL OCCUPANCY SENSORS SHALL BE MOUNTED TO A VIBRATION FREE SURFACE, WITH SENSORS FACING THE AREA OF COVERAGE. PLACE AT LEAST 48" FROM SUPPLY AIR GRILLES, 72" FROM HORIZONTAL DISCHARGE DUCTS AND 6" FROM POWER PACKS.

LIGHTING FIXTURE NOTES:

1. THE ARCHITECT AND ENGINEER OF RECORD ENCOURAGE COMPETITIVE BIDDING OF LIGHTING AND LIGHTING CONTROLS (UNLESS SPECIFICALLY NOTED). ALL LIGHTING MANUFACTURERS AND SPECIFIC PRODUCT SELECTIONS DOCUMENTED IN THE SCHEDULES ARE CONSIDERED BASIS OF DESIGN ONLY. OTHER MANUFACTURERS MAY SUBMIT A BID FOR ALTERNATE LIGHT FIXTURES PROVIDED THEY ARE APPROVED EQUALS IN BOTH PERFORMANCE, AESTHETICS, AND PROJECT SPECIFIC LIGHT LEVELS (TO BE APPROVED BY ELECTRICAL ENGINEER AND/OR ARCHITECT ONLY)
2. BIDDERS OFFERING ALTERNATE MANUFACTURERS AND PRODUCTS SHALL SUBMIT ALL PRODUCT CUTSHEETS, REVISED PHOTOMETRIC PLANS, AND CONTROLS PLANS AS PART OF A REQUEST FOR SUBSTITUTION. THE ARCHITECT AND/OR ENGINEER IS NOT RESPONSIBLE FOR UPDATING CONTRACT DOCUMENTS TO REVISE CIRCUITING, SWITCHING, OR QUANTITIES OF ALTERNATE LIGHTING SELECTIONS AS A CONDITION OF ACCEPTING ANY ALTERNATE PRODUCTS.
3. ALL LED DRIVERS SHALL BE HIGH POWER FACTOR (>0.9), SOUND CLASS A, AND LOW HARMONIC DISTORTION (<20%THD), AND SHALL BE PROVIDED WITH DISCONNECTING MEANS WHERE REQUIRED BY NATIONAL ELECTRICAL CODE.
4. ALL SHOP DRAWINGS SUBMITTED AFTER AWARD OF CONTRACTOR FOR LIGHTING FIXTURES WHICH WERE NOT PRE-APPROVED WILL BE REJECTED.
5. ALL LUMINARIES (COMBINATIONS OF DIODES, DRIVER, HEAT SINK, HOUSING AND OPTICS), WHETHER SCREW-IN OR INTEGRAL LIGHT SOURCE, SHALL MEET ALL OF THE FOLLOWING CRITERIA:
   A. THE RATED DRIVER INPUT WATTAGE SHALL BE PUBLISHED BY THE MANUFACTURER FOR EACH SCHEDULED FIXTURE UNIT (DRIVER AND LED COMBINATION) AND SHALL BE THE SAME WATTAGE USED IN THE FIXTURE LISTED IN THE LIGHT FIXTURE SCHEDULE.
   B. EXTERIOR POLE MOUNTED FIXTURES SHALL INCLUDE A SACRIFICIAL SURGE PROTECTION DEVICE DESIGNED SPECIFICALLY TO PROTECT LED LIGHT FIXTURES FROM HIGH VOLTAGE AND / OR HIGH-AMPERAGE ELECTRICAL SURGES ASSOCIATED WITH LIGHTNING STRIKES, SPIKES ASSOCIATED WITH MOTOR STARTING, ETC. 480V - 277VAC. SPD SHALL BE INSTALLED IN AN ACCESSIBLE MANOR AND WIRED INTO THE AC LINE TO THE LIGHT FIXTURE.
   C. LED LAMPS AND LUMINARIES SHALL CARRY A SAFETY CERTIFICATION BY AN APPROVED TESTING LABORATORY (UL, CE, ETL, ETC).
   D. LED LAMPS AND FIXTURES SHALL BE APPROVED AND LISTED UNDER EITHER ENERGY STAR OR DESIGN LIGHTS CONSORTIUM: LED LUMINAIRES SHALL BE TESTED IN ACCORDANCE WITH THE APPROVED INDUSTRY MEASUREMENT STANDARD, IESNA LM-79, THE "APPROVED METHOD FOR THE ELECTRICAL AND PHOTOMETRIC MEASUREMENTS OF SOLID STATE LIGHTING PRODUCTS"; AND IESNA LM-80 "MEASURING LUMEN MAINTENANCE OF LED LIGHT SOURCES".
   E. COLOR STABILITY SHALL BE WARRANTED TO MAINTAIN CONSISTENCY. DEVIATION TO BE NO MORE THAN 4 MACADAM ELLIPSE STEPS DURING MANURFACTURED DEFINED LIFE.
   F. COLOR RENDERING INDEX (CRI) OF LED LAMPS SHALL BE 80 OR ABOVE FOR ALL INTERIOR INSTALLATIONS.
   G. HAVE A L70 OF AT LEAST 50,000 HOURS.
   H. SHALL BE DIMMABLE DOWN TO 10% UNLESS OTHERWISE NOTED. FLICKER FREQUENCY SHALL ALWAYS BE ≥ 100 Hz FOR ANY STATIC DIM LEVEL.
6. INSTALLATION:
   A. LIGHT FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
   B. ARCHITECTURAL DRAWINGS, WHERE APPLICABLE, SHALL BE USED FOR EXACT LOCATION OF LIGHT FIXTURES.

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06/26/26

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VILLAGE OF WESTLAND
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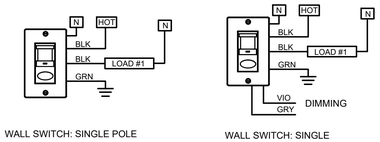
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KEY PLAN

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SYMBOL LIST, NOTES & ABBREVIATIONS

DRAWING NUMBER
2-E.002

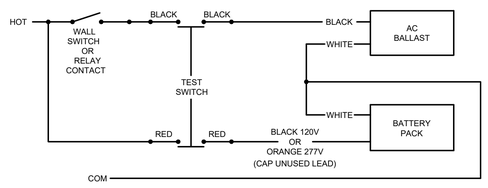


WALL SWITCH: SINGLE POLE

WALL SWITCH: SINGLE POLE/DIMMER SWITCH

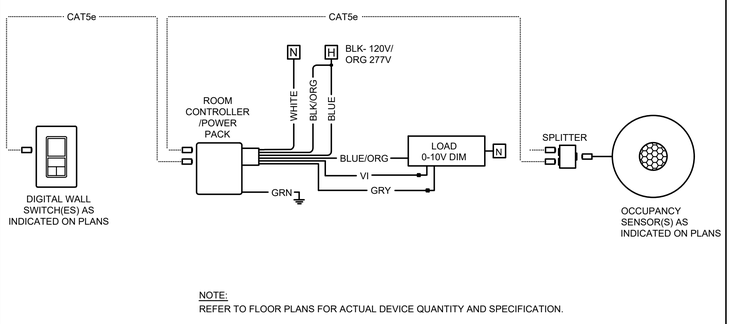
Typical Occupancy Wall Switch Wiring Detail

NO SCALE - | 1



Emergency Lighting Battery Backup Wiring Diagram

NO SCALE - | 2

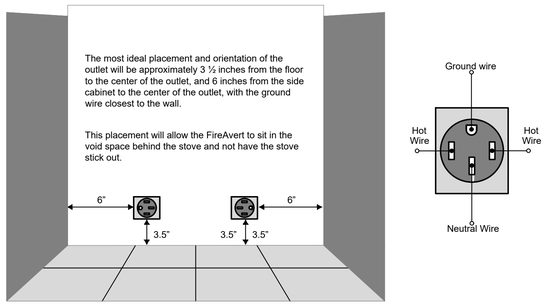


NOTE:
REFER TO FLOOR PLANS FOR ACTUAL DEVICE QUANTITY AND SPECIFICATION.

Digital Lighting Control Wiring Diagram

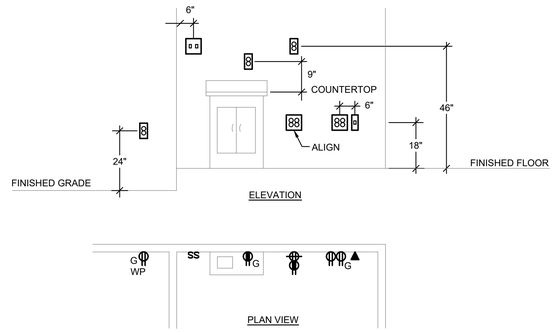
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Proper Placement & Orientation of Stove Outlet



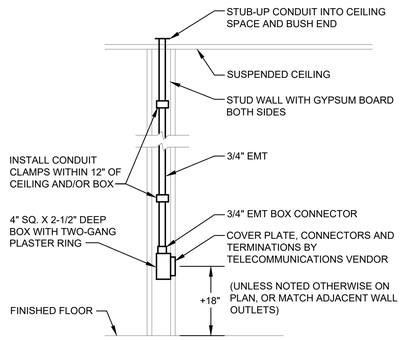
Nema 14-50R "Range Receptacle" Installation Detail

NO SCALE - | 4



Typical Outlet Installation Standard

NO SCALE - | 5



Typical Communications Outlet Detail

NO SCALE - | 6

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ELECTRICAL DETAILS

DRAWING NUMBER

2-E.003



1 2-ED.101 OVERALL FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

NORTH

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OVERALL FIRST FLOOR
ELECTRICAL DEMOLITION PLAN

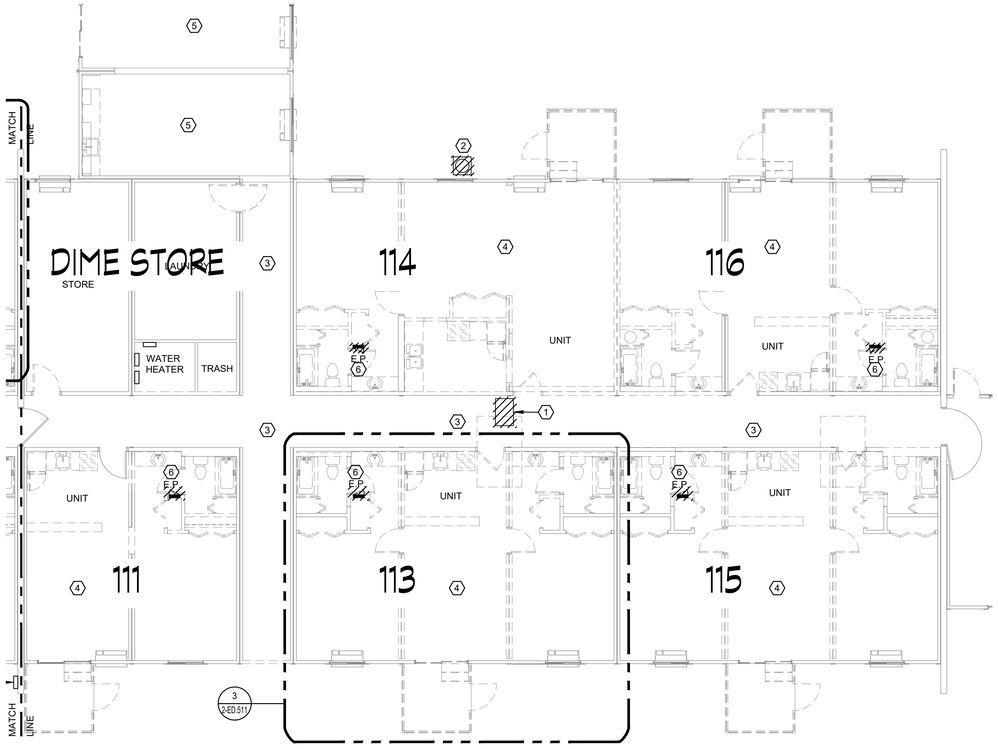
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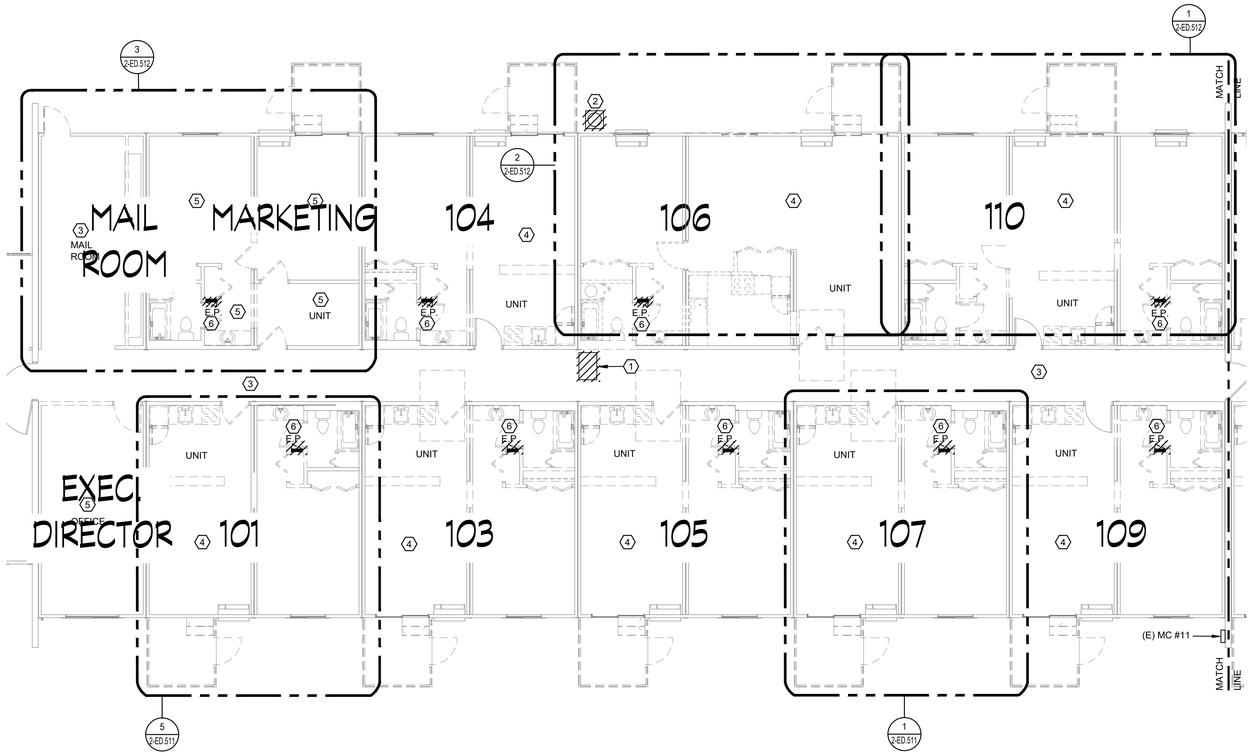
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NORTH

1 / 2-ED.111

100 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 2-E.001 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW ALL THE ELECTRICAL DEVICES TO BE REMOVED, BUT TO INDICATE THE SCOPE OF DEMOLITION WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE JOB SITE TO DETERMINE THE EXTENT OF THE DEMOLITION WORK PRIOR TO SUBMITTING THEIR BID.
3. ALL ELECTRICAL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER OR DISPOSED OF AS DIRECTED.
4. ALL ELECTRICAL ITEMS BEING REUSED SHALL BE STORED IN A SAFE PLACE UNTIL REINSTALLATION.
5. ALL EQUIPMENT, DEVICES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN.
6. ALL EQUIPMENT, DEVICES, ETC. SHOWN DASHED AND CROSS-HATCHED ARE EXISTING TO BE REMOVED OR RELOCATED AS INDICATED.
7. EXISTING CIRCUITS NOT BEING REUSED SHALL BE REMOVED COMPLETELY BACK TO EXISTING PANEL, DISCONNECTED AND LABELED AS 'SPARE'.
8. EXISTING JUNCTION BOXES AND/OR RACEWAYS MAY BE REUSED FOR NEW LIGHTING WHERE APPLICABLE.

KEY NOTES: (#)

1. EXISTING FURNACE ABOVE CEILING TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING 120V. POWER FOR NEW FCU-1. SEE SHEET 2-E.111 FOR NEW WORK.
2. EXISTING CONDENSING UNIT TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRIC SERVICE TO UNIT AND REMOVE ALL EXISTING BRANCH CIRCUIT WIRING AT EXISTING UNIT AND PANELBOARD.
3. REMOVE ALL EXISTING CORRIDOR LIGHTING.
4. REFER TO SHEET 2-ED.511AND 2-ED.512 FOR DEMOLITION OF THIS AREA.
5. REMOVE ALL EXISTING LIGHTING AND FIRE ALARM DEVICES.
6. DEMOLISH AND REPLACE EXISTING LOAD CENTERS WITH NEW.

FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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STATE OF MICHIGAN
JORDAN KOENIG
ENGINEER
No. 6201059789
LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

100 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

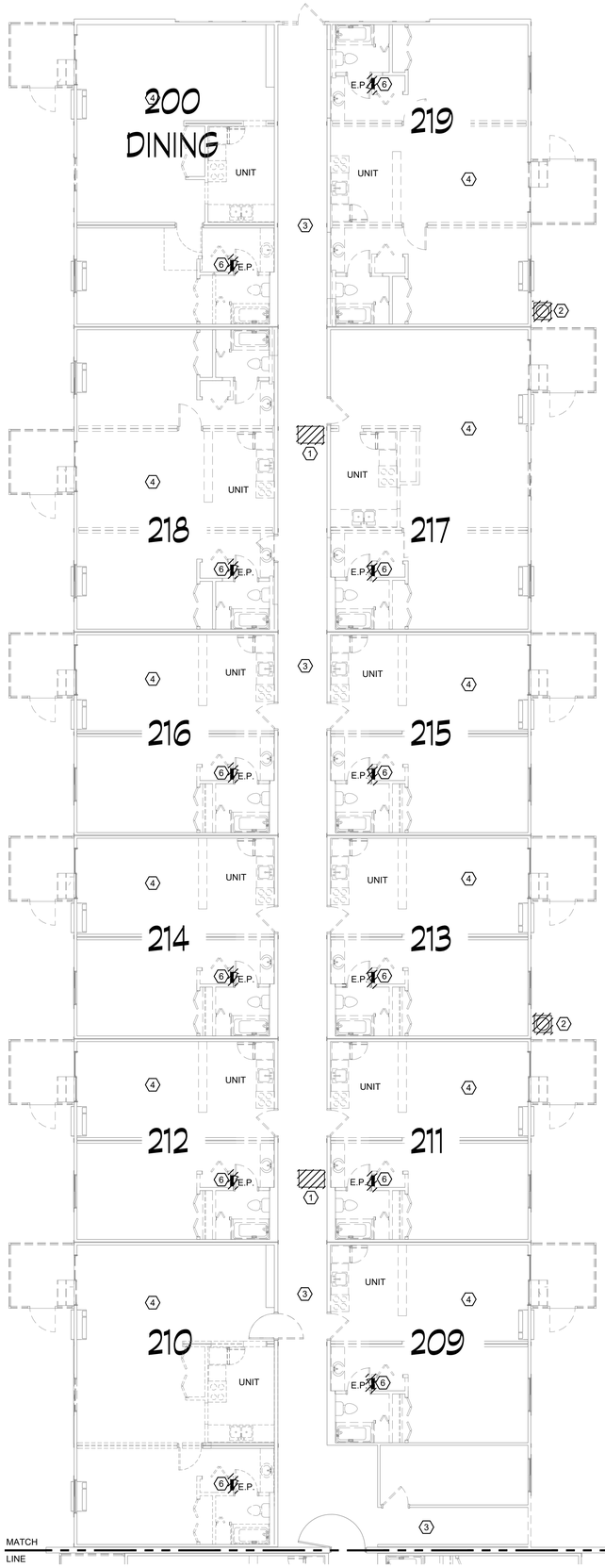
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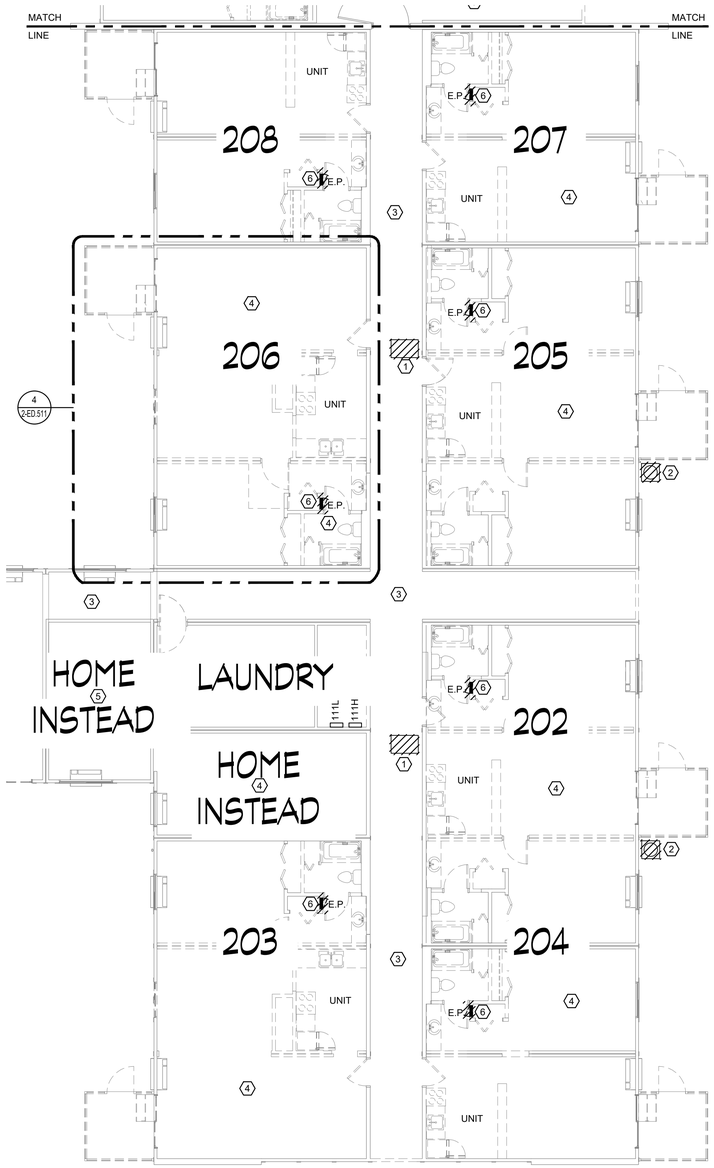
2-ED.111

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MEEC JOB # 23-0017

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1 2-ED.112 200 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

NORTH

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 2-E.001 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW ALL THE ELECTRICAL DEVICES TO BE REMOVED, BUT TO INDICATE THE SCOPE OF DEMOLITION WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE JOB SITE TO DETERMINE THE EXTENT OF THE DEMOLITION WORK PRIOR TO SUBMITTING THEIR BID.
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8. EXISTING JUNCTION BOXES AND/OR RACEWAYS MAY BE REUSED FOR NEW LIGHTING WHERE APPLICABLE.

KEY NOTES: (#)

1. EXISTING FURNACE ABOVE CEILING TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING 120V. POWER FOR NEW FCU-1. SEE SHEET 2-E.112 FOR NEW WORK.
2. EXISTING CONDENSING UNIT TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL DISCONNECT ELECTRIC SERVICE TO UNIT AND REMOVE ALL EXISTING BRANCH CIRCUIT WIRING AT EXISTING UNIT AND PANELBOARD.
3. REMOVE ALL EXISTING CORRIDOR LIGHTING.
4. REFER TO SHEET 2-ED.511AND 2-ED.512 FOR DEMOLITION OF THIS AREA.
5. REMOVE ALL EXISTING LIGHTING AND FIRE ALARM DEVICES.
6. DEMOLISH AND REPLACE EXISTING LOAD CENTERS WITH NEW.

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

200 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

DRAWING NUMBER

2-ED.112



DEMOLITION GENERAL NOTES:

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KEY NOTES: (#)

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5. REMOVE ALL EXISTING LIGHTING AND FIRE ALARM DEVICES.
6. DEMOLISH AND REPLACE EXISTING LOAD CENTERS WITH NEW.

1 / 2-ED.113 — 300 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

NORTH

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WESTLAND MICHIGAN

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03.07.25	BIDS & PERMITS

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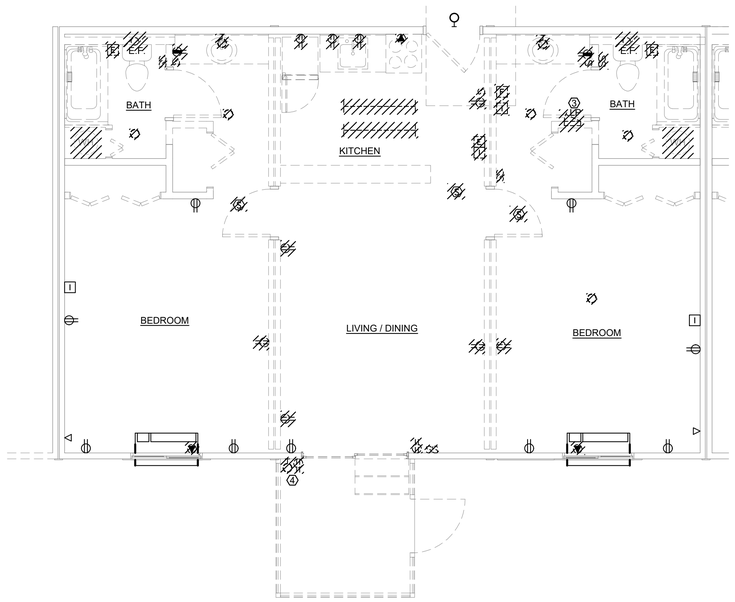
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

300 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

DRAWING NUMBER

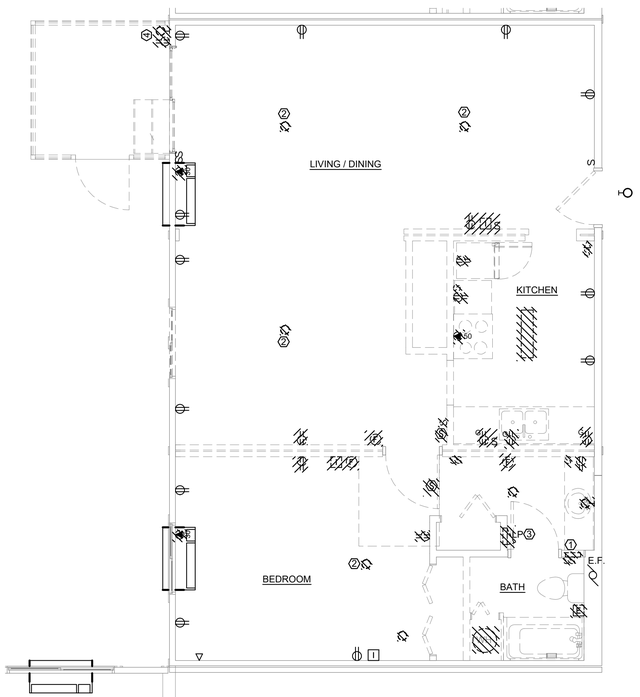
2-ED.113



UNIT E 2 BR TO 2-TYPE H STUDIO - ELECTRICAL DEMOLITION PLAN

3 / 2-ED.511 — SCALE: 1/4" = 1'-0"

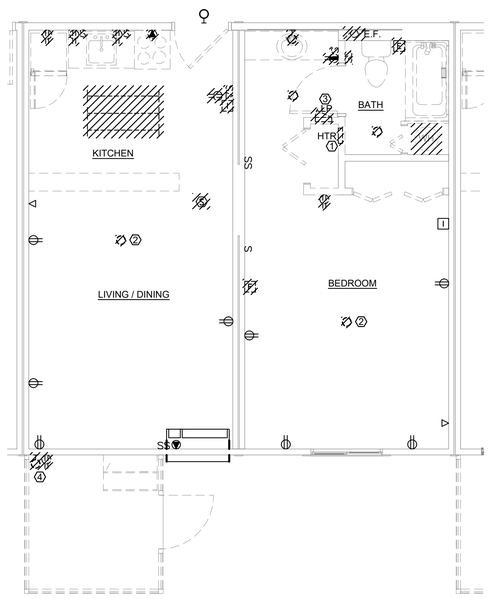
NORTH



1 BDRM GR TO UNIT K & K-PH - ELECTRICAL DEMOLITION PLAN

4 / 2-ED.511 — SCALE: 1/4" = 1'-0"

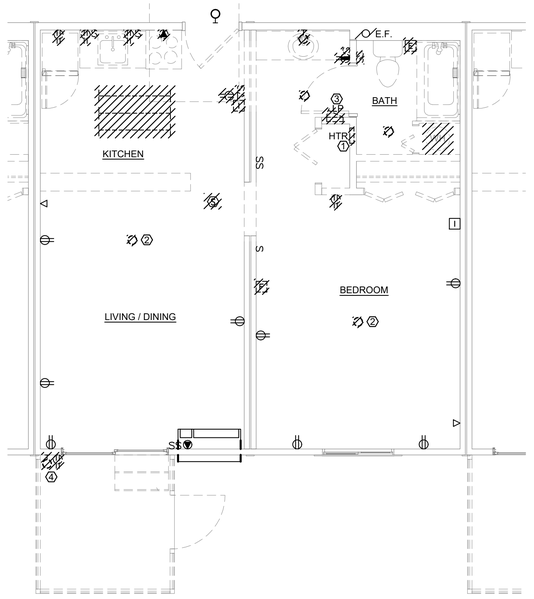
NORTH



UNIT A-PH - 1 BDRM HANDICAPPED ELECTRICAL DEMOLITION PLAN

5 / 2-ED.511 — SCALE: 1/4" = 1'-0"

NORTH



UNIT A - ELECTRICAL DEMOLITION PLAN

1 / 2-ED.511 — SCALE: 1/4" = 1'-0"

NORTH

KEY NOTES: (#)

1. CUT-OFF EXISTING BRANCH CIRCUIT WIRING SERVICE ELECTRIC HEATER AND MAKE BOX READY FOR PATCHING BY ARCHITECTURAL TRADES.
2. REMOVE EXISTING LIGHTING FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE AT NEW LOCATION. REFER TO NEW WORK PLANS.
3. EXISTING LOAD CENTER TO DEMOLISH AND REPLACED WITH NEW ONE.
4. REMOVE EXISTING LIGHT AND RECEPTACLE. NEW WORK TO INCLUDE REPLACING LIGHT WITH NEW LED FIXTURE AND PROVIDING A NEW WP/GFI RECEPTACLE IN AN IN-USE WP COVER. CONTRACTOR SHALL MOUNT NEW RECEPTACLE TO A HEIGHT OF +18" ABOVE APARTMENT FLOOR ELEVATION.

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06/26/26

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT ELECTRICAL DEMOLITION PLANS

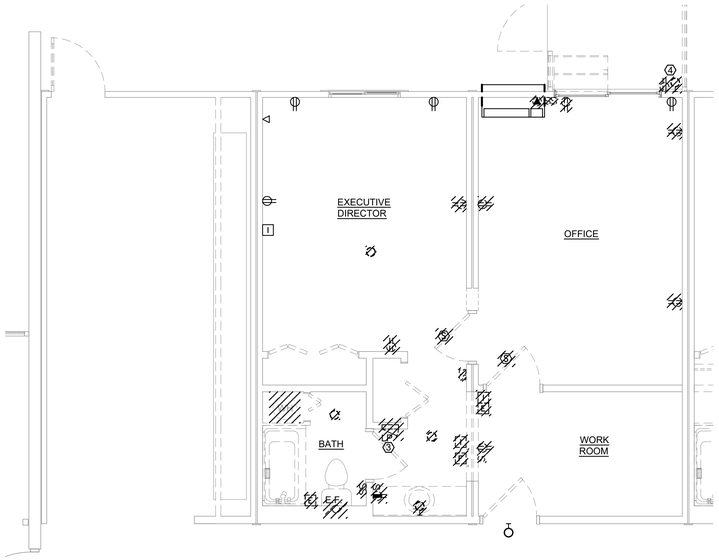
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MEEC JOB # 23-0017

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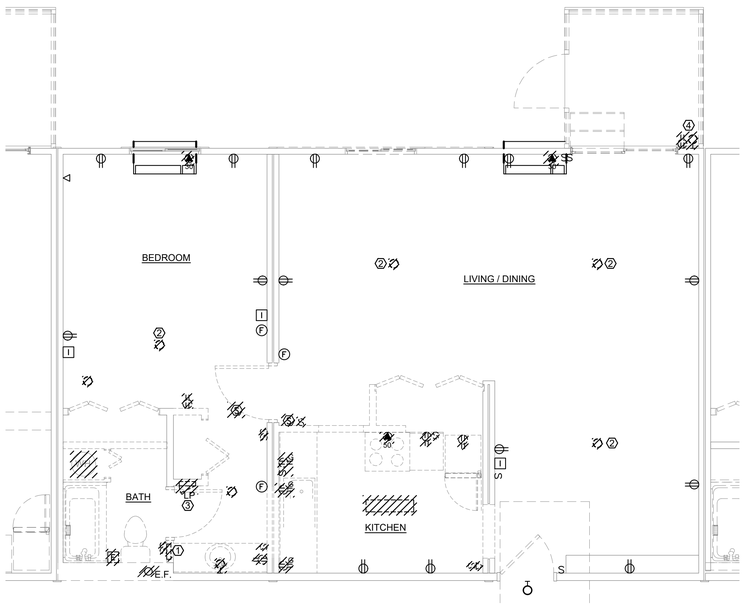


3 / 2-ED.512

OFFICE & MAIL ROOM - ELECTRICAL DEMOLITION PLAN

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

NORTH

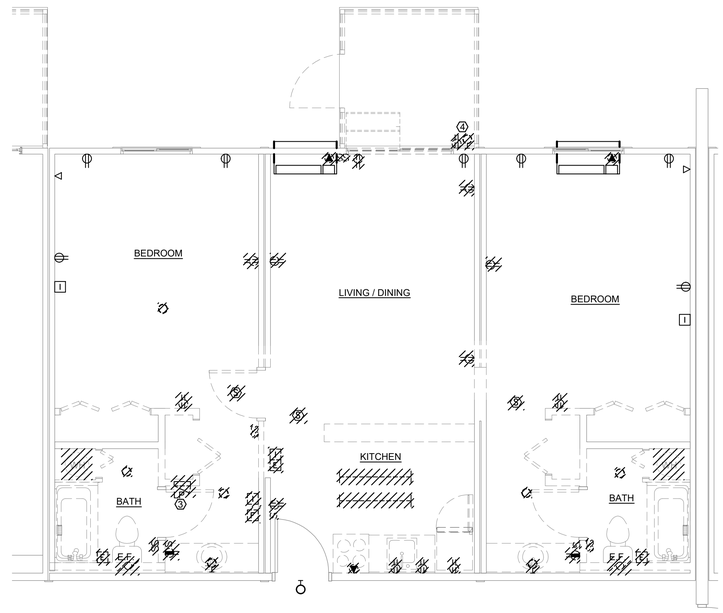


2 / 2-ED.512

UNIT C 1 BR GR TO TYPE A+ BONUS SPACE - ELECTRICAL DEMOLITION PLAN

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

NORTH



1 / 2-ED.512

UNIT E 2 BR TO UNIT E-PH - 2 BDRM HANDICAPPED- ELECTRICAL DEMOLITION PLAN

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

NORTH

KEY NOTES: (#)

1. CUT-OFF EXISTING BRANCH CIRCUIT WIRING SERVICE ELECTRIC HEATER AND MAKE BOX READY FOR PATCHING BY ARCHITECTURAL TRADES.
2. REMOVE EXISTING LIGHTING FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE AT NEW LOCATION. REFER TO NEW WORK PLANS.
3. EXISTING LOAD CENTER TO DEMOLISH AND REPLACED WITH NEW ONE.
4. REMOVE EXISTING LIGHT AND RECEPTACLE. NEW WORK TO INCLUDE REPLACING LIGHT WITH NEW LED FIXTURE AND PROVIDING A NEW WP/GFI RECEPTACLE IN AN IN-USE WP COVER. CONTRACTOR SHALL MOUNT NEW RECEPTACLE TO A HEIGHT OF +18" ABOVE APARTMENT FLOOR ELEVATION.

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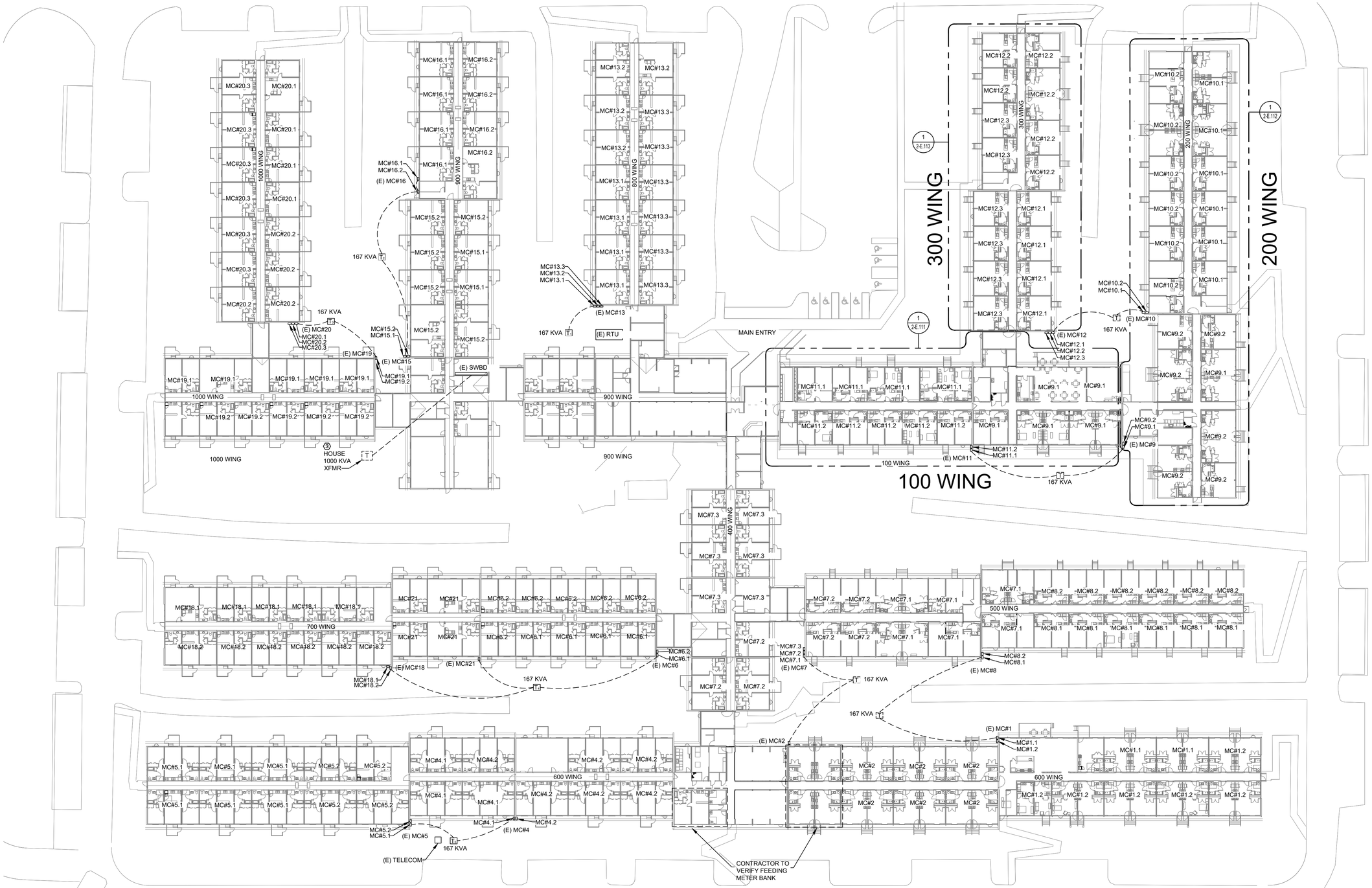
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OVERALL FIRST FLOOR - ELECTRICAL NEW WORK PLAN

1 / 2-E.101 — SCALE: 1/32" = 1'-0"

NORTH

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LICENSED PROFESSIONAL ENGINEER
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OVERALL FIRST FLOOR
ELECTRICAL NEW WORK PLAN

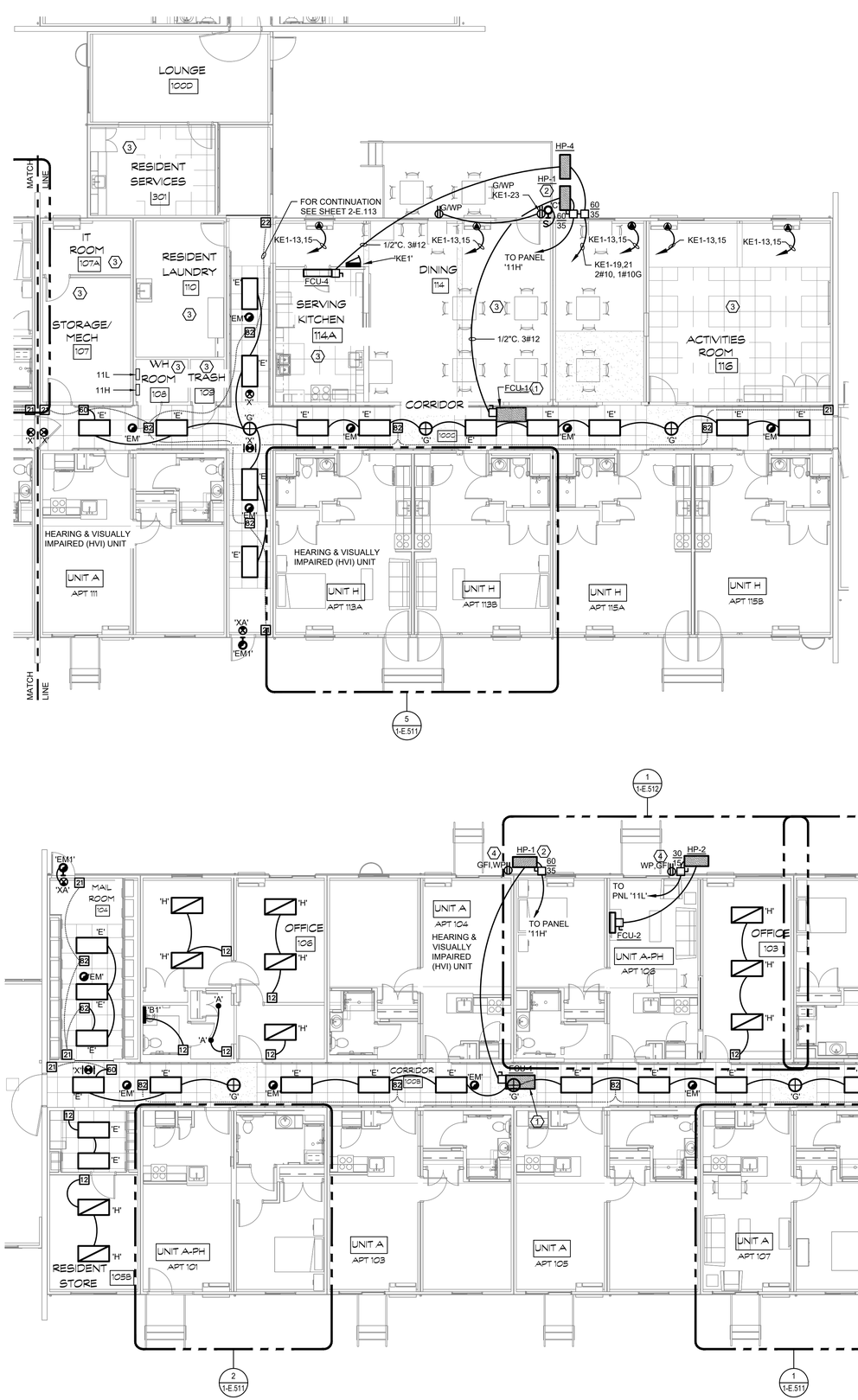
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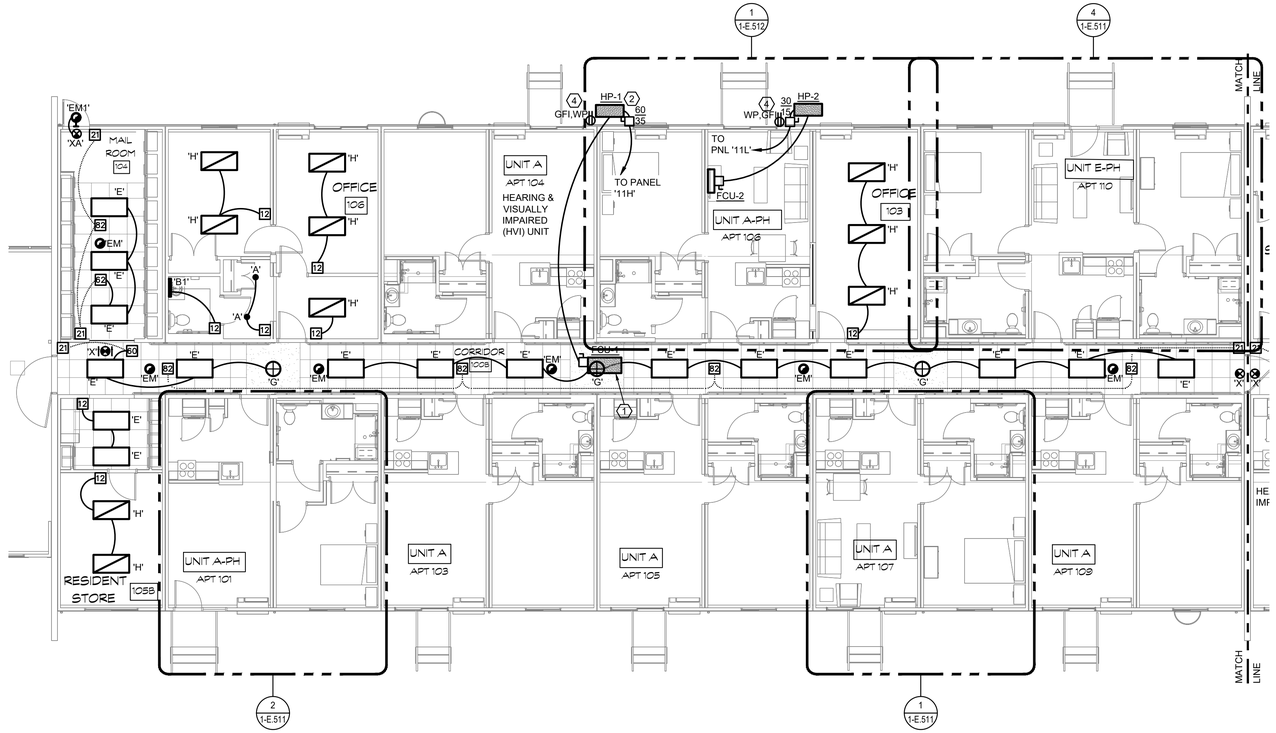
2-E.101

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100 WING - FIRST FLOOR - ELECTRICAL NEW WORK PLAN

1 / 2-E.111 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. CONNECT EXIT LIGHTS AND EMERGENCY LIGHTS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
2. CONNECT ALL NEW LIGHTING TO EXISTING LOCAL LIGHTING CIRCUITS. DISCONNECT AND REMOVE CONTACTOR CONTROL.

KEY NOTES: ⟨#⟩

1. NEW FAN COIL UNIT (FCU-1) ABOVE CEILING POWERED FROM NEW HEAT PUMP HP-1. COORDINATE EXACT LOCATION WITH MECHANICAL TO AVOID ANY INTERFERENCES WITH LIGHTING FIXTURES.
2. NEW HEAT PUMP (HP-1). ELECTRICAL CONTRACTOR TO REPLACE EXISTING 20A.2P. C.B. IN PANEL '11H' WITH NEW 35A.2P. C.B. NEW WIRING TO PANEL '11H' SHALL BE PROVIDED SIZE 2#10, 1#10G. FROM PANEL '11H' TO 'HP-1'.
3. REFER TO SHEET 2-E.501 FOR ELECTRICAL REQUIREMENTS IN THIS ROOM.
4. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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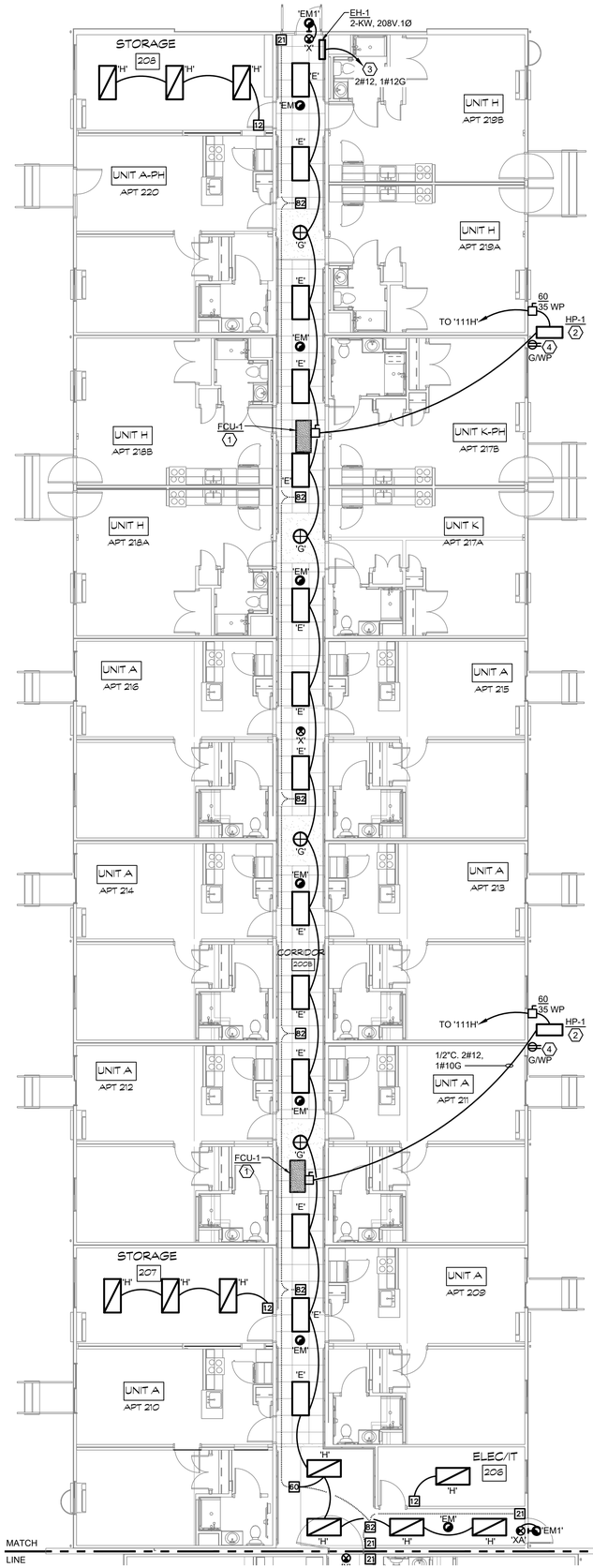
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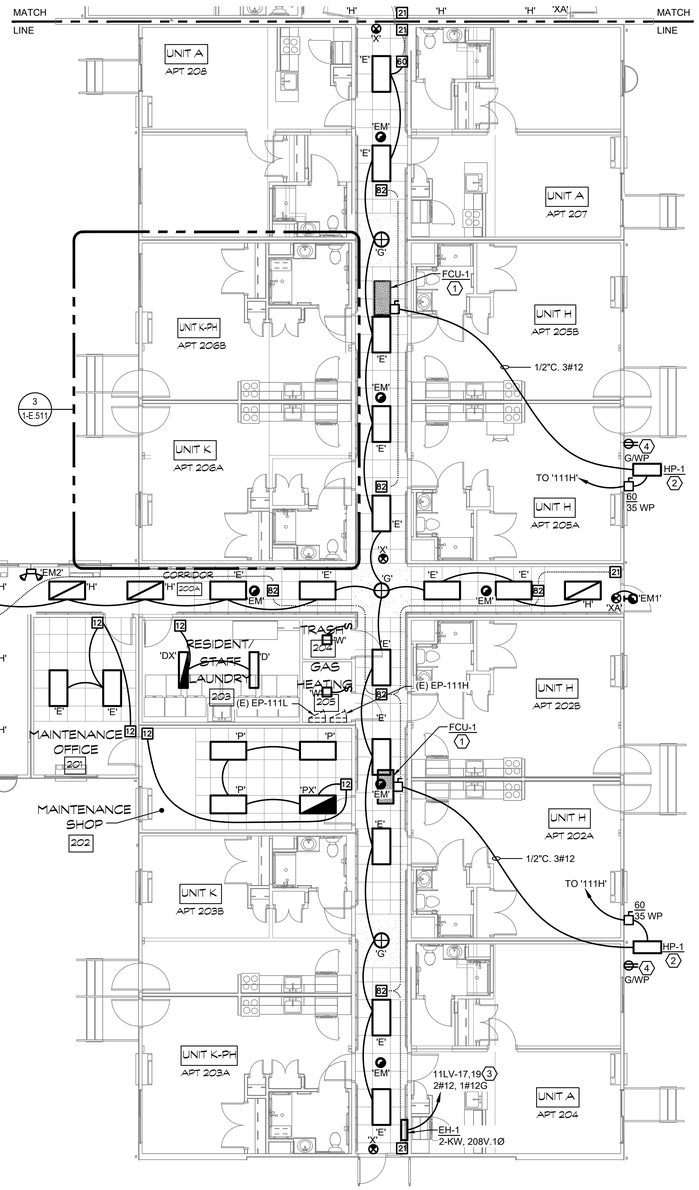
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FSP PROJECT NO.
PVM21.072

DRAWING TITLE
100 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN

DRAWING NUMBER
2-E.111





KEY NOTES: (#)

1. CONNECT EXIT LIGHTS AND EMERGENCY LIGHTS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
2. CONNECT ALL NEW LIGHTING TO EXISTING LOCAL LIGHTING CIRCUITS. DISCONNECT AND REMOVE CONTACTOR CONTROL.

KEY NOTES: (#)

1. NEW FAN COIL UNIT (FCU-1) ABOVE CEILING POWERED FROM NEW HEAT PUMP HP-1. FIELD COORDINATE WITH MECHANICAL TO AVOID ANY INTERFERENCES WITH LIGHTING FIXTURES.
2. NEW HEAT PUMP (HP-1). ELECTRICAL CONTRACTOR TO REPLACE EXISTING 20A.2P. C.B. IN PANEL '111H' WITH NEW 35A.2P. C.B. NEW WIRING TO PANEL '111H' SHALL BE PROVIDED SIZE 2#10, 1#10G. FROM PANEL '111H' TO 'HP-1'.
3. REMOVE (2) 20A.1P. C.B. IN PANEL '111L' AND REPLACE WITH NEW 20A. 2P. C.B.
4. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.

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WESTLAND MICHIGAN

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FSP PROJECT NO.
PVM21.072

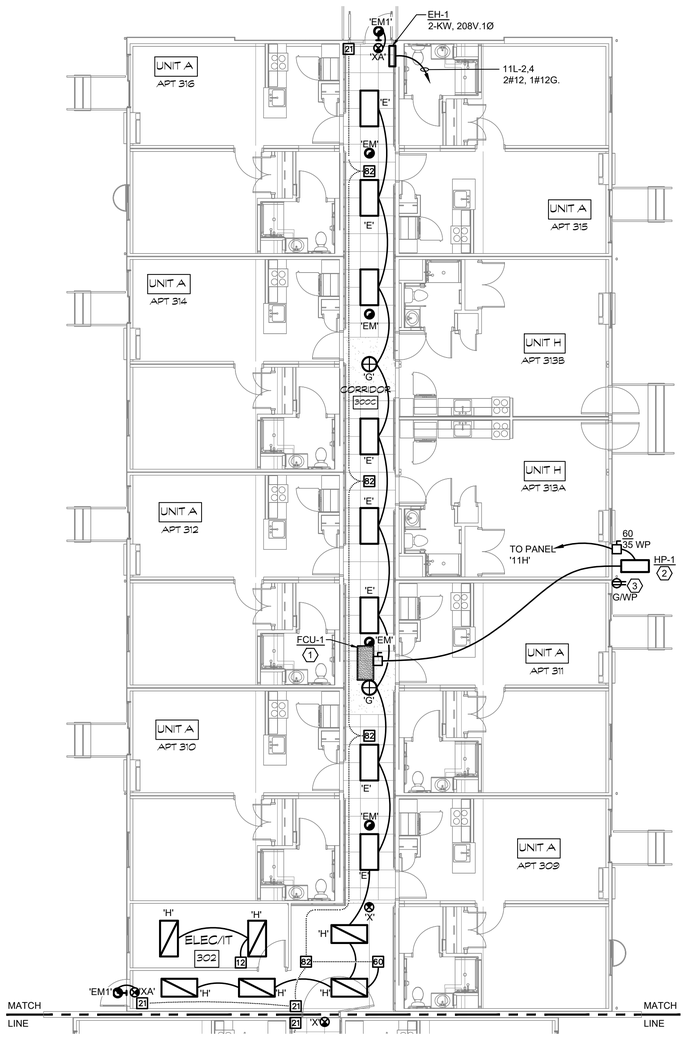
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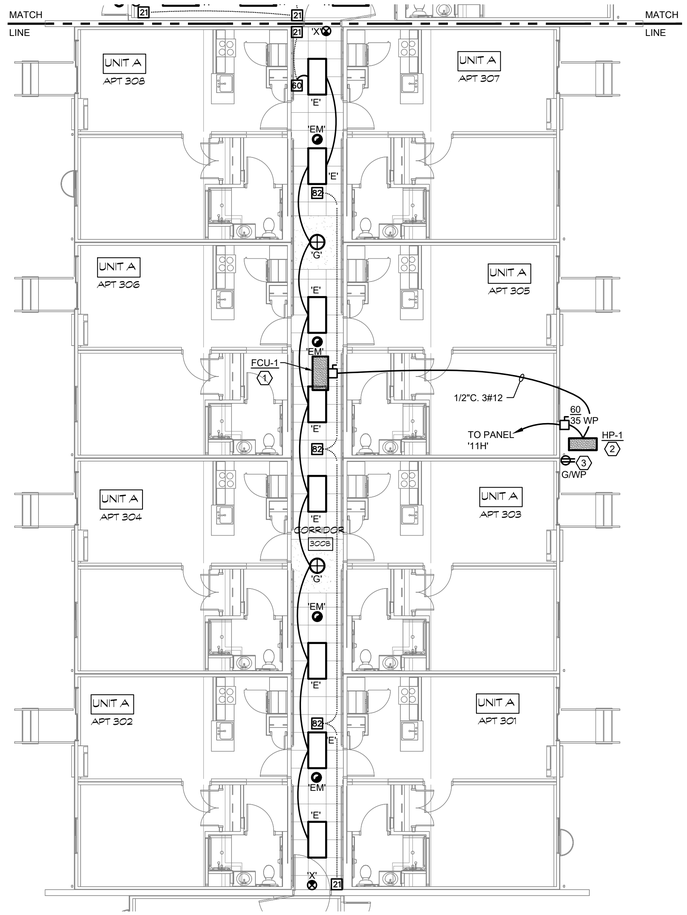
200 WING - FIRST FLOOR - LIGHTING NEW WORK PLANS

DRAWING NUMBER

2-E.112

1 / 2-E.112 200 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN
SCALE: 1/8" = 1'-0"
NORTH





GENERAL NOTES:

1. CONNECT EXIT LIGHTS AND EMERGENCY LIGHTS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
2. CONNECT ALL NEW LIGHTING TO EXISTING LOCAL LIGHTING CIRCUITS. DISCONNECT AND REMOVE CONTACTOR CONTROL.

KEY NOTES: (#)

1. NEW FAN COIL UNIT (FCU-2) ABOVE CEILING POWERED FROM NEW HEAT PUMP HP-2.
2. NEW HEAT PUMP (HP-2). ELECTRICAL CONTRACTOR TO REPLACE EXISTING 20A.2P. C.B. IN PANEL '11H' WITH NEW 35A.2P. C.B. NEW WIRING TO PANEL '11H' SHALL BE PROVIDED SIZE 2#10, 1#10G. FROM PANEL '11H' TO 'HP-2'.
3. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.

300 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN

1 / 2-E.113

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

NORTH

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06/26/26

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DRAWING TITLE

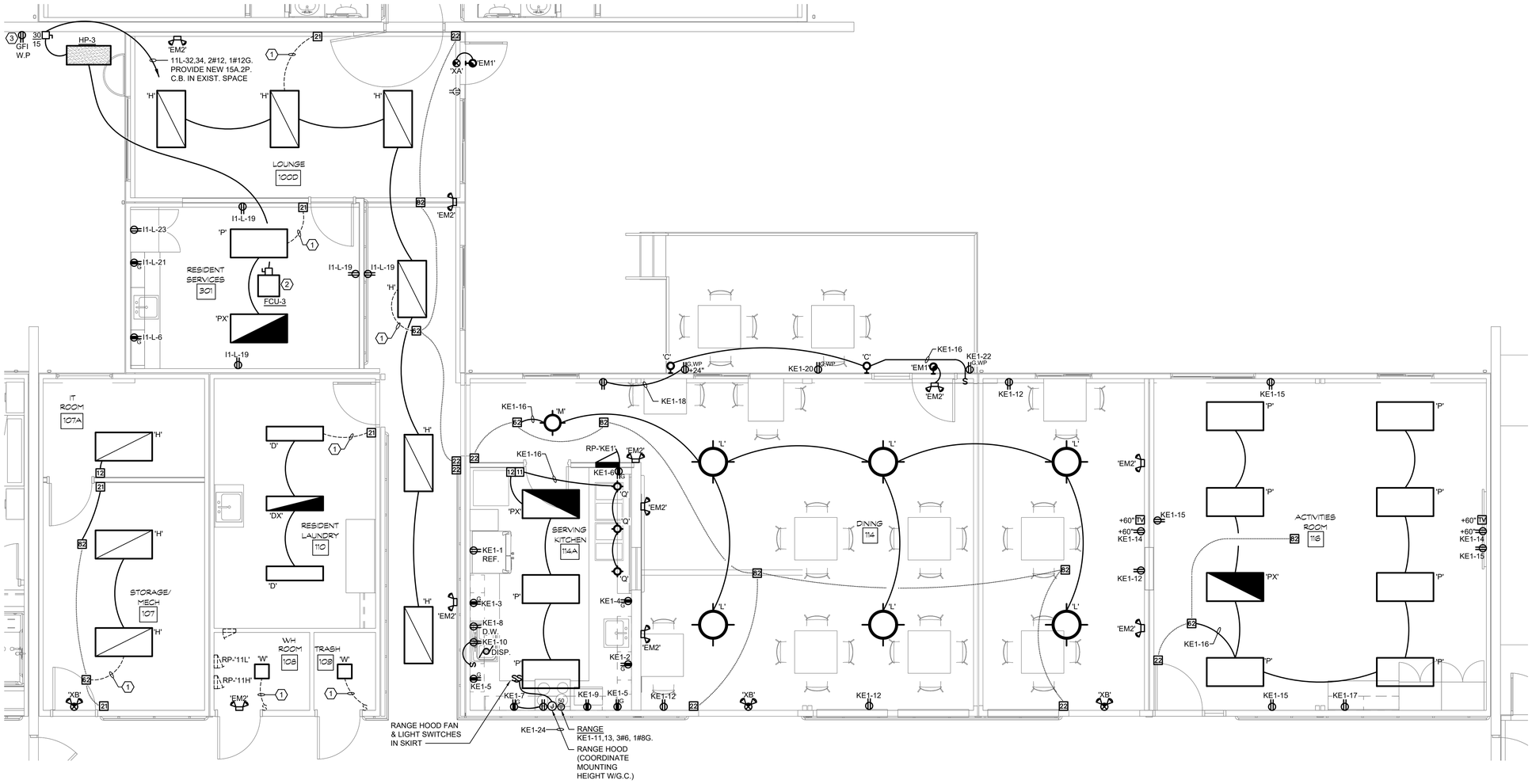
300 WING - FIRST FLOOR - LIGHTING NEW WORK PLANS

DRAWING NUMBER

2-E.113

KEY NOTES: ⟨#⟩

1. CONNECT TO EXISTING LIGHTING CIRCUIT.
2. PROVIDE POWER TO THE INDOOR UNIT FROM THE ASSOCIATED OUTDOOR UNIT.
3. CONNECT OUTDOOR GFI RECEPTACLE TO NEAREST EXISTING RECEPTACLE.



1 / 2-E.501 — 100 & 300 WINGS CONNECTION ENLARGED ELECTRICAL NEW WORK PLAN

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

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

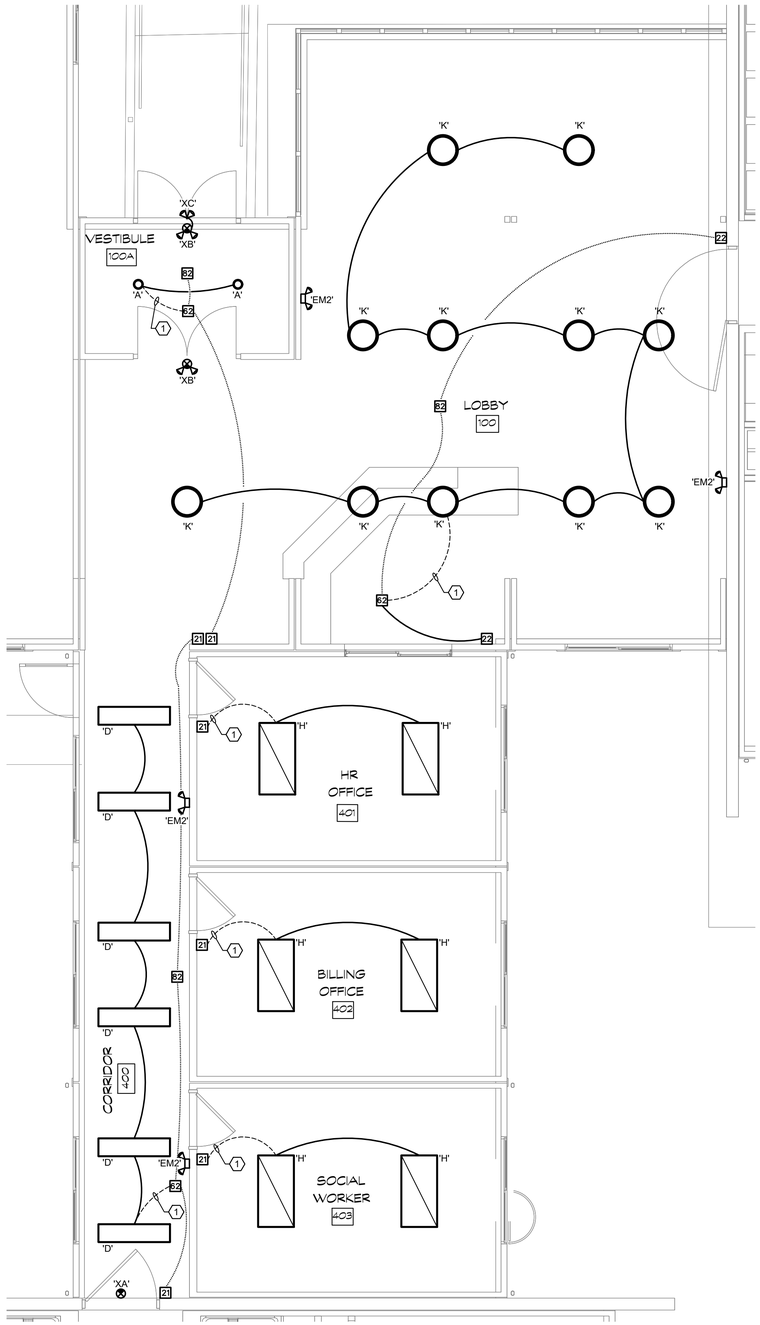
ENLARGED ELECTRICAL NEW WORK PLAN

DRAWING NUMBER

2-E.501

KEY NOTES: (#)

1. CONNECT TO EXISTING LIGHTING CIRCUIT.



1 2-E.502 100 & 300 WINGS CONNECTION ENLARGED ELECTRICAL NEW WORK PLAN

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

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ENLARGED ELECTRICAL NEW WORK PLAN

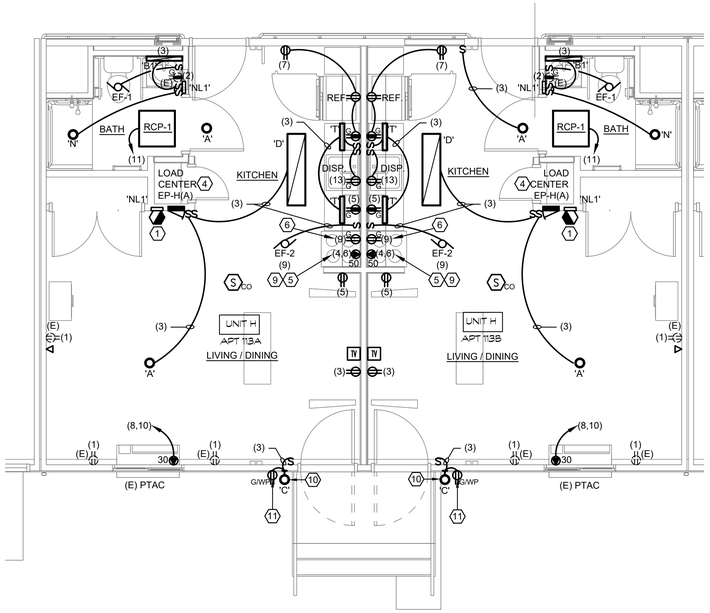
DRAWING NUMBER

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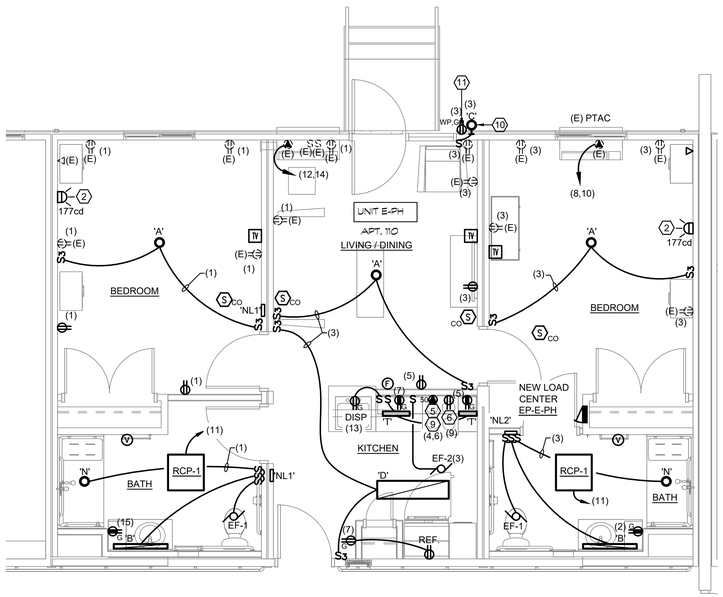
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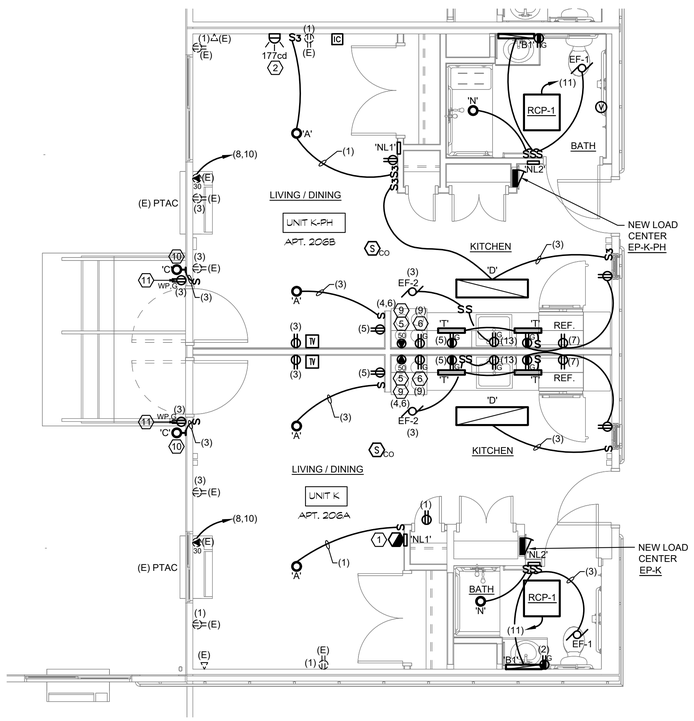
5 2-E.511 100 - 300 - UNIT H ELECTRICAL PLAN

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



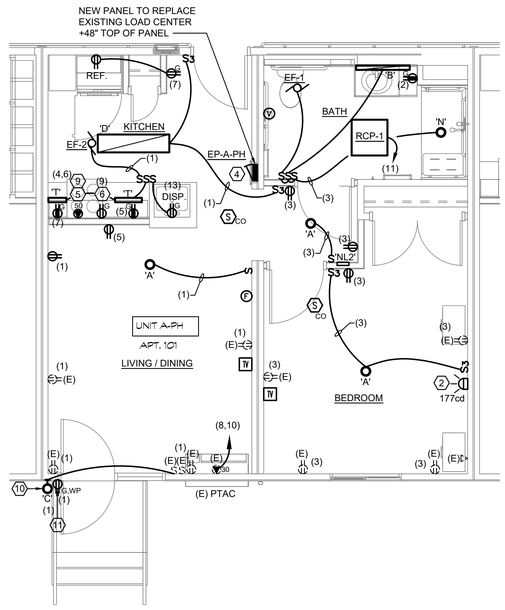
4 2-E.511 100 - UNIT E-PH ELECTRICAL PLAN

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



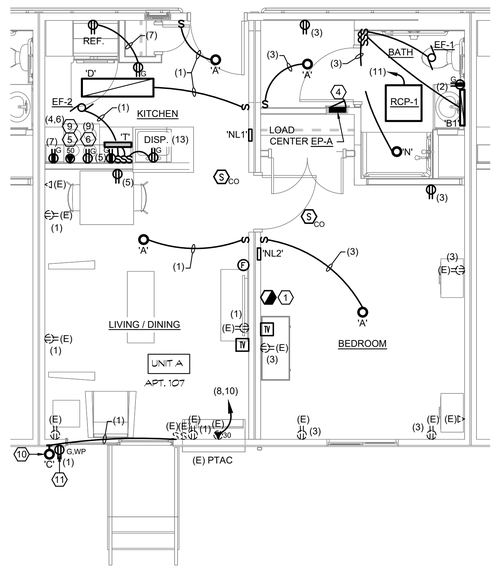
3 2-E.511 100 - 200 - UNIT K & K-PH ELECTRICAL PLAN

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



2 2-E.511 100 - UNIT A-PH ELECTRICAL PLAN

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



1 2-E.511 100 - 300- UNIT A ELECTRICAL PLAN

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

GENERAL NOTES:

1. REFER TO DRAWING 2-E.001 FOR THE GENERAL NOTES.

KEY NOTES: (#)

1. NEW FIRE ALARM SPEAKER WITH 520Hz TONE TO BE PROVIDED AT EACH RESIDENT BEDROOM TO REPLACE EXISTING FIRE ALARM AUDIBLE DEVICE. EXISTING FIRE ALARM SYSTEM SHALL BE MODIFIED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM SPEAKERS.
2. NEW FIRE ALARM SPEAKER/STROBE WITH 520 HZ TONE TO BE PROVIDED AT EACH PH UNIT BEDROOM. EXISTING FIRE ALARM SYSTEM SHALL BE MODIFIED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM SPEAKER STROBE.
3. NOT USED.
4. REPLACE EXISTING LOAD CENTER WITH NEW 100A, 240/120V, AND NEW BRANCH CIRCUIT BREAKERS, REFER TO PANEL SCHEDULES ON DRAWING 2-E.602.
5. NEW NEMA 14-50R RANGE OUTLET. SERVE FROM NEW 50A.2P. CIRCUIT BREAKER 3#6, 1#10G.
6. RECEPTACLE OUTLET FOR KITCHEN HOOD, +60" A.F.F. TO CENTERLINE OF OUTLET. PROVIDE COMBINATION ARC-FAULT/GFCI CIRCUIT BREAKER IN LOAD CENTER PANEL.
7. BLANK-FACE GFCI RECEPTACLE IN-LINE PROTECTION FOR REFRIGERATOR RECEPTACLE MOUNT +48" A.F.F.
8. NOT USED.
9. FIREAVERT AUTOMATIC STOVE SHUT-OFF DEVICE TO BE PROVIDED AT EACH RANGE. REFER TO APPLIANCE SPECIFICATIONS AND DETAIL ON SHEET 1-E.003.
10. INSTALL NEW LIGHT FIXTURE ON EXISTING OUTLET BOX.
11. PROVIDE NEW WP/GFI RECEPTACLE AT +18" ABOVE EXISTING FLOOR ELEVATION. EXISTING RECEPTACLE SHALL BE REMOVED AND EXISTING BRANCH CIRCUIT WIRING EXTENDED TO NEW OUTLET LOCATION. ALL NEW WIRING SHALL BE CONCEALED IN EXISTING STRUCTURE. PROVIDE BLANK COVERPLATE ON ABANDONED OUTLET BOX.

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ENGINEER
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REGISTERED PROFESSIONAL ENGINEER
06/26/26

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

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KEY PLAN

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PVM21.072

DRAWING TITLE

100 - 300 - TYPICAL UNIT - ELECTRICAL PLANS

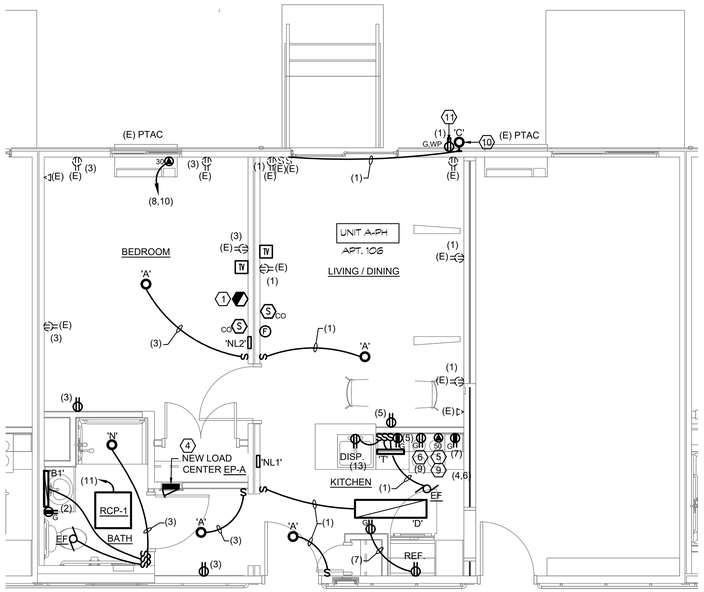
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2-E.511

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1
2-E.512

100 - UNIT A-1 & SUPPORT SPACE - ELECTRICAL - NEW WORK PLAN

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

NORTH

GENERAL NOTES:

1. REFER TO DRAWING 2-E.001 FOR THE GENERAL NOTES.

KEY NOTES:

1. NEW FIRE ALARM SPEAKER WITH 520Hz TONE TO BE PROVIDED AT EACH RESIDENT BEDROOM TO REPLACE EXISTING FIRE ALARM AUDIBLE DEVICE. EXISTING FIRE ALARM SYSTEM SHALL BE MODIFIED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM SPEAKERS.
2. NEW FIRE ALARM SPEAKER/STROBE WITH 520 HZ TONE TO BE PROVIDED AT EACH PH UNIT BEDROOM. EXISTING FIRE ALARM SYSTEM SHALL BE MODIFIED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM SPEAKER STROBE.
3. NOT USED.
4. REPLACE EXISTING LOAD CENTER WITH NEW 100A, 240/120V, AND NEW BRANCH CIRCUIT BREAKERS, REFER TO PANEL SCHEDULES ON DRAWING 2-E.602.
5. NEW NEMA 14-50R RANGE OUTLET. SERVE FROM NEW 50A.2P. CIRCUIT BREAKER 3#6, 1#10G.
6. RECEPTACLE OUTLET FOR KITCHEN HOOD, +60" A.F.F. TO CENTERLINE OF OUTLET. PROVIDE COMBINATION ARC-FAULT/GFCI CIRCUIT BREAKER IN LOAD CENTER PANEL.
7. BLANK-FACE GFCI RECEPTACLE IN-LINE PROTECTION FOR REFRIGERATOR RECEPTACLE MOUNT +48" A.F.F.
8. NOT USED.
9. FIREAVENT AUTOMATIC STOVE SHUT-OFF DEVICE TO BE PROVIDED AT EACH RANGE. REFER TO APPLIANCE SPECIFICATIONS AND DETAIL ON SHEET 2-E.003.
10. INSTALL NEW LIGHT FIXTURE ON EXISTING OUTLET BOX.
11. PROVIDE NEW WP/GFI RECEPTACLE AT +18" ABOVE EXISTING FLOOR ELEVATION. EXISTING RECEPTACLE SHALL BE REMOVED AND EXISTING BRANCH CIRCUIT WIRING EXTENDED TO NEW OUTLET LOCATION. ALL NEW WIRING SHALL BE CONCEALED IN EXISTING STRUCTURE. PROVIDE BLANK COVERPLATE ON ABANDONED OUTLET BOX.

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100 - 300 - TYPICAL UNIT - ELECTRICAL PLAN

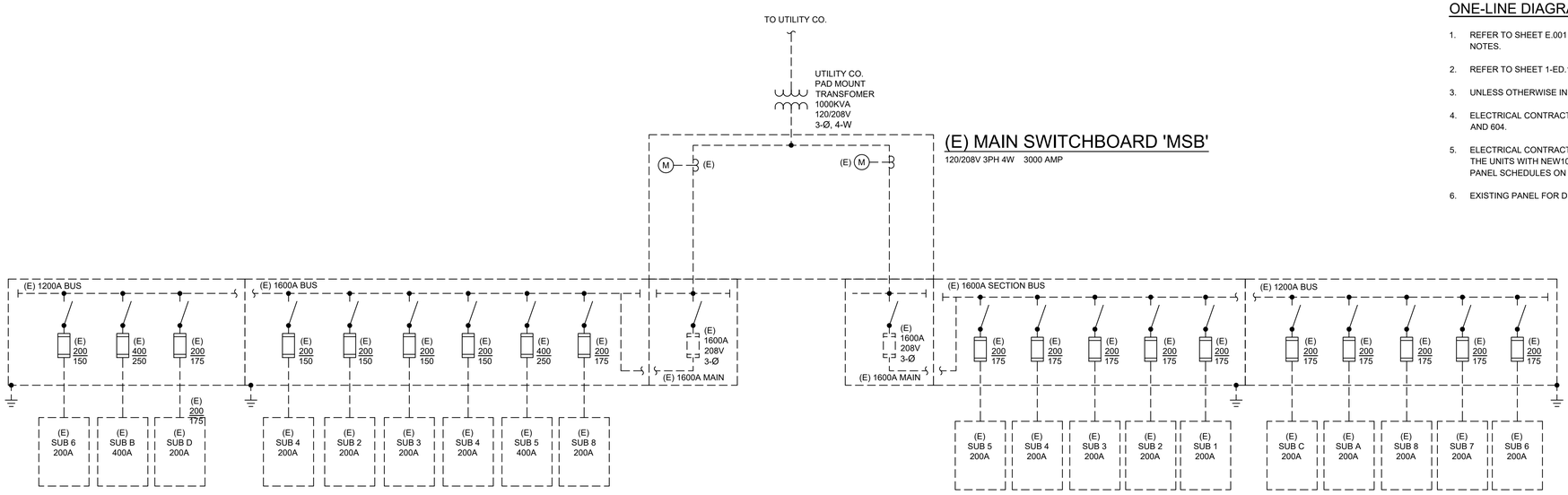
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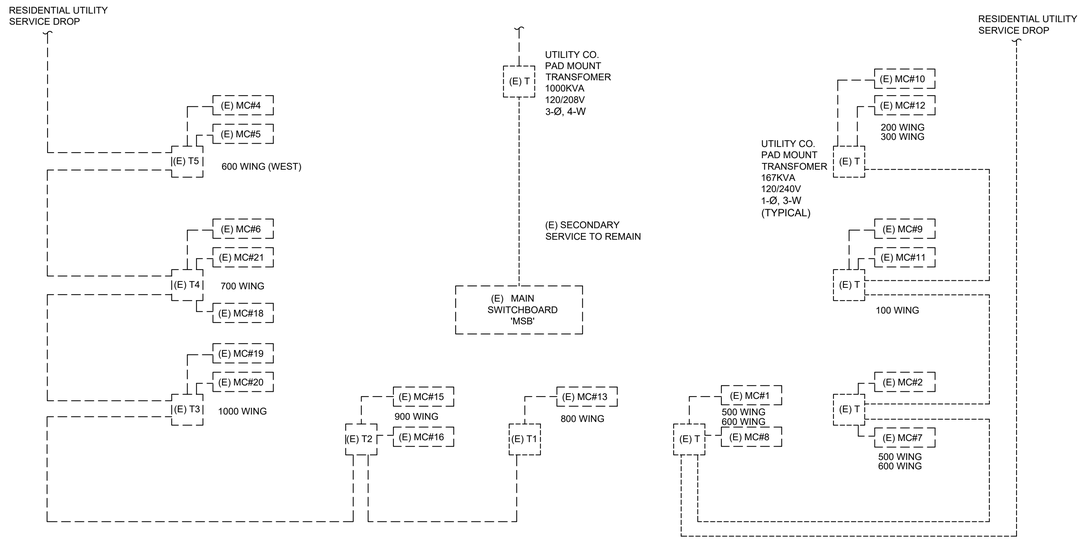
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EXISTING BUILDING ONE-LINE DIAGRAM (FOR REFERENCE ONLY)

N.T.S.



EXISTING SITE ELECTRICAL SYSTEM DIAGRAM (FOR REFERENCE ONLY)

N.T.S.

ONE-LINE DIAGRAM GENERAL NOTES:

1. REFER TO SHEET E.001 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND NOTES.
2. REFER TO SHEET 1-ED.101 FOR EQUIPMENT LOCATION.
3. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT ARE EXISTING TO REMAIN.
4. ELECTRICAL CONTRACTOR TO VERIFY THE POWER SOURCE FOR UNITS 603 AND 604.
5. ELECTRICAL CONTRACTOR SHALL REPLACE ALL EXISTING LOAD CENTER FOR THE UNITS WITH NEW100A, 240/120V. REFER TO ENLARGED PLANS 1-E- 511 AND PANEL SCHEDULES ON DRAWING 1-E.602.
6. EXISTING PANEL FOR DINING ROOM 612 TO REMAIN.

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ONE-LINE DIAGRAM

DRAWING NUMBER

2-E.601

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F 734-454-5517

MEEC JOB # 23-0017

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WESTLAND
UNIT "A"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-A			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	50 / 2			RANGE
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	30 / 2			PTAC UNIT
GFI KITCHEN HOOD			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			20	13	14	20			SPARE
SPARE			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

WESTLAND
UNIT "A-PH"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-A-PH			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100A			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	50 / 2			RANGE
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	30 / 2			PTAC UNIT
GFI KITCHEN HOOD			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			20	13	14	20			SPARE
SPARE			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

WESTLAND
UNIT "E-PH"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-E-PH			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100A			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	50 / 2			RANGE
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	30 / 2			PTAC UNIT
GFI KITCHEN HOOD			20	9	10				
GFI BATHROOM HEATER			15	11	12	30 / 2			PTAC UNIT
GFI DISPOSAL			20	13	14				
BATHROOM RECEPT.			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

WESTLAND
UNIT "H"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-H			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	20			DISPOSAL GFI
KITCHEN RECEPT.			20	5	6	20			BATHROOM HEATER GFI
KITCHEN RECEPT.			20	7	8	50 / 2			RANGE
GFI KITCHEN HOOD			20	9	10				GFI
SPARE			20	11	12	30 / 2			PTAC UNIT
SPARE			20	13	14				
SPARE			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

WESTLAND
UNIT "K"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-K			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100A			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	50 / 2			RANGE
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	30 / 2			PTAC UNIT
GFI KITCHEN HOOD			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			20	13	14	20			SPARE
SPARE			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

WESTLAND
UNIT "K-PH"
LOAD CENTER

NOTE: PROVIDE ARC-FAULT TYPE CIRCUIT BREAKERS FOR ALL 15A AND 20A 120V CIRCUIT BREAKERS.

PANEL BOARD MAIN BREAKER: EP-K-PH			VOLTAGE MAIN LUGS: 120/240V. 1PH. 3W. 100A			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
LOAD CENTER	LOAD - V.A.		CKT	CKT	CKT	CKT	LOAD - V.A.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
GENERAL LTG. & RECEPT.			15	1	2	20			BATHROOM RECEPT.
GENERAL LTG. & RECEPT.			15	3	4	50 / 2			RANGE
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	30 / 2			PTAC UNIT
GFI KITCHEN HOOD			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			20	13	14	20			SPARE
SPARE			20	15	16	20			SPARE
SPARE			20	17	18	20			SPARE
SPARE			20	19	20	20			SPARE

PANEL BOARD MAINS: KE1 225A MCB			VOLTAGE AND PHASE: 120/240V.1Ø-3W			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
	LOAD - VA		CKT	CKT	CKT	CKT	LOAD - VA.		
LOAD SERVED	A	B	BRKR	#	#	BRKR	A	B	LOAD SERVED
G REFRIGERATOR	760		20	1	2	20	180		KITCHEN RECEPTACLE
KITCHEN RECEPTACLE		180	20	3	4	20		180	KITCHEN RECEPTACLE
KITCHEN RECEPTACLE	180		20	5	6	20	360		(2) KITCHEN RECEPTACLE
KITCHEN RECEPTACLE		180	20	7	8	20		1550	DISHWASHER GFI
GFI MICROWAVE RECEPTACLE	1500		20	9	10	20	1176		DISPOSAL GFI
RANGE		4000	50	11	12	20		900	(4) RECEPTACLE
	4000		2	13	14	20	540		TV OUTLET
(4) RECEPTACLE ACTIVITIES RM.		540	20	15	16	20		640	LIGHTING
COUNTER TOP RECEPT. ACTIV RM	360		20	17	18	20	180		(2) RECEPTACLE
HP-4		2400	35	19	20	20		180	(1) RECEPTACLE
	2400		2	21	22	20	180		(1) RECEPTACLE
(2) RECEPTACLE & LIGHTING		380	20	23	24	20		600	RANGE HOOD FAN & LIGHTS GFI
PTAC	2576		30	25	26	30	2576		PTAC
		2576	2	27	28	2		2576	
PTAC	2576		30	29	30	30	2576		PTAC
		2576	2	31	32	2		2576	
PTAC	2576		30	33	34		--		
		2576	2	35	36			--	
	--			37	38		--		
		--		39	40			--	
	--			41	42		--		

LOAD DESCRIPTION	DEMAND FACTOR D.F.	VOLT-AMPS CONNECTED	VOLT-AMPS DEMAND	42,520	TOTAL DEMAND LOAD
LIGHTING	1.0	640	640	--	25% LIGHTING LOAD
RECEPTACLES	NEC	2,880	2,880	--	SPARE
SMALL MOTORS	1.0	4,800	4,800		
MISC. EQUIPMENT	1.0	25,760	25,760	42,520	DESIGN LOAD
KITCHEN EQUIPMENT	0.65	12,986	8,440	177	DESIGN AMPS
	TOTAL	47,066	42,520		

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PANEL SCHEDULES

DRAWING NUMBER

2-E.602

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

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LOAD SUMMARY: Unit A (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	5,152 VA
SUBTOTAL		=	5,152 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
550 SQ FT @ 3.00 VA/SF		=	1,650 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,650 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	0 VA
DISHWASHER	1200 W	=	0 VA
GARBAGE DISPOSAL	1/2 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			8,876 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 3,526	@ 40%	=	1,411 VA
HEATING & A/C	@ 100%	=	5,152 VA
TOTAL			16,563 VA

16,563 VA / 240V = 70 AMPS

PANEL SIZE: 100 AMPS

LOAD SUMMARY: Unit A-PH (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	5,152 VA
SUBTOTAL		=	5,152 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
550 SQ FT @ 3.00 VA/SF		=	1,650 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,650 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	0 VA
DISHWASHER	1200 W	=	0 VA
GARBAGE DISPOSAL	1/2 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			8,876 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 3,526	@ 40%	=	1,411 VA
HEATING & A/C	@ 100%	=	5,152 VA
TOTAL			16,563 VA

16,563 VA / 240V = 70 AMPS

PANEL SIZE: 100 AMPS

LOAD SUMMARY: Unit E-PH (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	10,304 VA
SUBTOTAL		=	10,304 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
830 SQ FT @ 3.00 VA/SF		=	2,490 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			5,490 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	0 VA
DISHWASHER		=	0 VA
GARBAGE DISPOSAL	1/2 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			8,876 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 4,366	@ 40%	=	1,747 VA
HEATING & A/C	@ 100%	=	10,304 VA
TOTAL			22,051 VA

22,051 VA / 240V = 92 AMPS

PANEL SIZE: 100 AMPS

LOAD SUMMARY: Unit H (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	1,462 VA
SUBTOTAL		=	1,462 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
412 SQ FT @ 3.00 VA/SF		=	1,236 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,236 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	950 VA
DISHWASHER	1200 W	=	0 VA
GARBAGE DISPOSAL	1/3 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			9,826 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 4,062	@ 40%	=	1,625 VA
HEATING & A/C	@ 100%	=	1,462 VA
TOTAL			13,087 VA

13,087 VA / 240V = 55 AMPS

PANEL SIZE: 100 AMPS

LOAD SUMMARY: Unit K (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	5,152 VA
SUBTOTAL		=	5,152 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
410 SQ FT @ 3.00 VA/SF		=	1,230 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,230 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	0 VA
DISHWASHER	1200 W	=	0 VA
GARBAGE DISPOSAL	1/2 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			8,876 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 3,106	@ 40%	=	1,243 VA
HEATING & A/C	@ 100%	=	5,152 VA
TOTAL			16,395 VA

16,395 VA / 240V = 69 AMPS

PANEL SIZE: 100 AMPS

LOAD SUMMARY: Unit K-PH (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	5,152 VA
SUBTOTAL		=	5,152 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
410 SQ FT @ 3.00 VA/SF		=	1,230 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,230 VA
APPLIANCES:			
RANGEHOOD/MICROWAVE	950 W	=	0 VA
DISHWASHER	1200 W	=	0 VA
GARBAGE DISPOSAL	1/2 HP	=	876 VA
ELECTRIC WATER HEATER	4.5 KW	=	0 VA
CLOTHES DRYER	5.0 KW	=	0 VA
ELECTRIC RANGE	8.0 KW	=	8,000 VA
SUBTOTAL			8,876 VA
PANEL LOAD CALCULATION:			
1st 10,000 W @ 100%	@ 100%	=	10,000 VA
REMAINING 3,106	@ 40%	=	1,243 VA
HEATING & A/C	@ 100%	=	5,152 VA
TOTAL			16,395 VA

16,395 VA / 240V = 69 AMPS

PANEL SIZE: 100 AMPS

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STATE OF MICHIGAN
JORDAN KOENIG
ENGINEER
No. 6201059789
REGISTERED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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MEEC JOB # 23-0017

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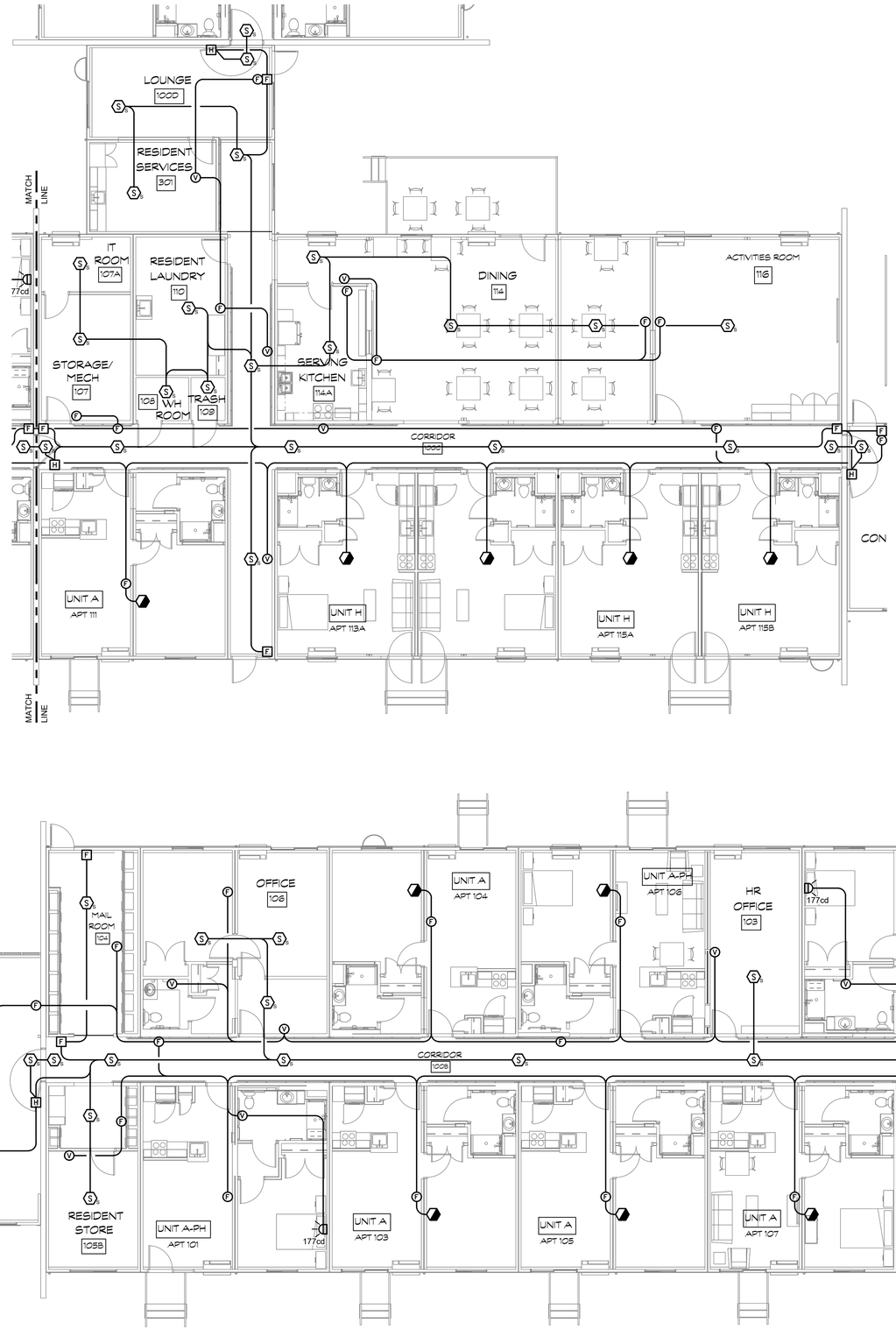
FSP PROJECT NO.
PVM21.072

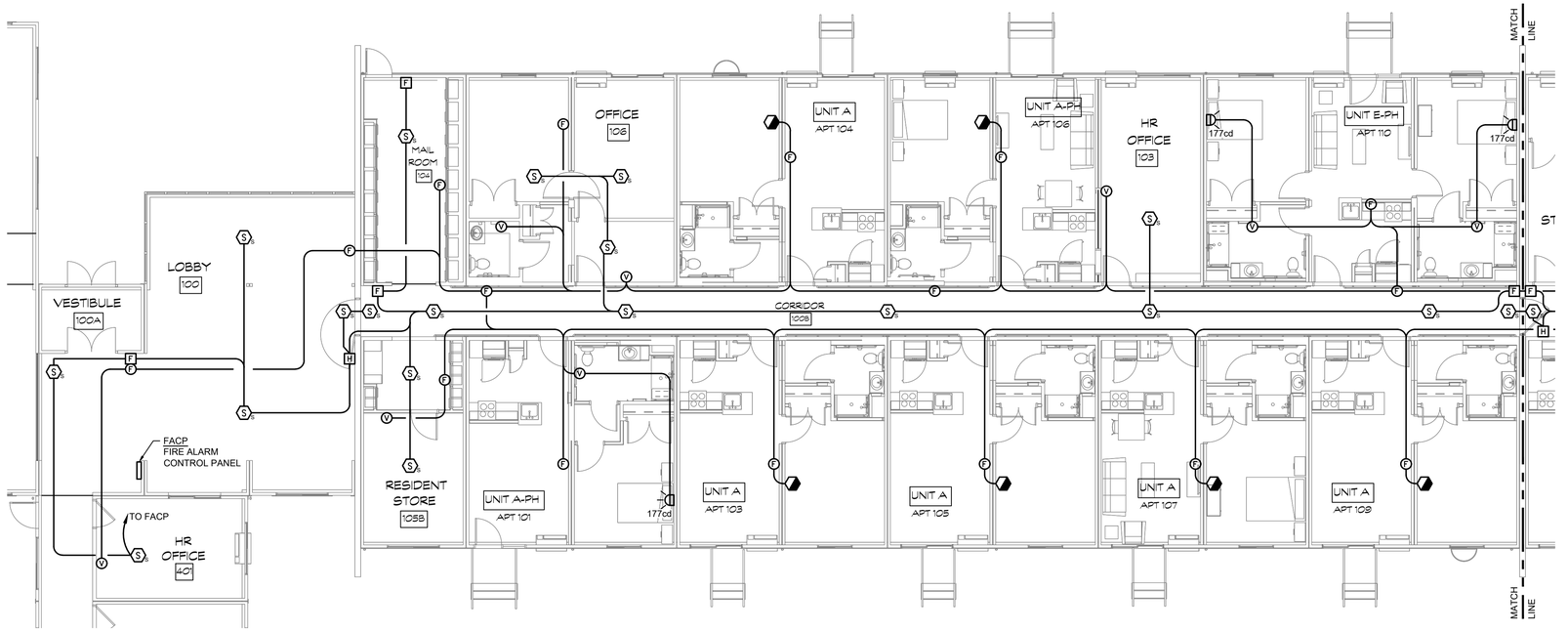
DRAWING TITLE

PANEL SCHEDULES

DRAWING NUMBER

2-E.603





100 WING - FIRST FLOOR - ELECTRICAL NEW WORK PLAN

1
2-E.111

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

NORTH

BUILDING FIRE ALARM NOTES:

1. ACTUAL CONDUIT SIZE AND ROUTING TO BE AS DIRECTED BY THE FIRE ALARM NICET CERTIFIED DESIGNER.
2. THE ELECTRICAL CONTRACTOR SHALL HIRE A NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER TO DESIGN THE INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM.
3. THE DRAWINGS INDICATE ASSUMED LOCATIONS OF DEVICES AND SUGGESTED CONDUIT ROUTING DIAGRAMS ON THE PLANS. A FIRE ALARM NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER SHALL DETERMINE THE ACTUAL DEVICE TYPES AND THEIR LOCATIONS, OUTPUT AND THE ROUTING OF ALL RACEWAYS.
4. REFER TO SPECIFICATIONS SECTION 28 31 11 - DIGITAL ADDRESSABLE FIRE ALARM SYSTEM FOR ADDITIONAL REQUIREMENTS AND DESCRIPTION OF SYSTEM.
5. REFER TO FLOOR PLANS FOR LOCATIONS OF FIRE ALARM DEVICES.
6. PROVIDE VISUAL NOTIFICATION DEVICES WITH CANDELA RATINGS SIZED PER ANSI 117.1 AND NFPA 72.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NAC PANELS, ACCESSORIES, CIRCUITS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
8. ALL FIRE ALARM WIRING SHALL COMPLY WITH NFPA 70., ARTICLE 760.

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

100 WING - FIRST FLOOR - FIRE ALARM SYSTEM NEW WORK PLAN

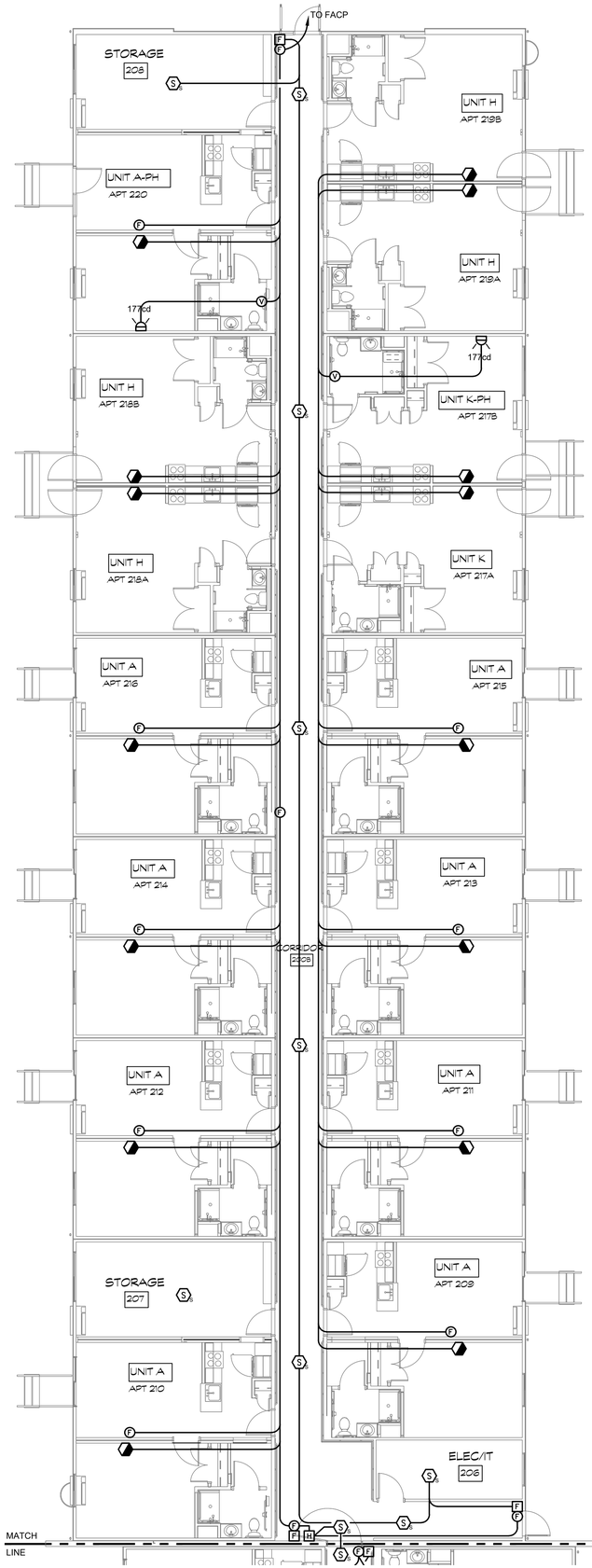
DRAWING NUMBER

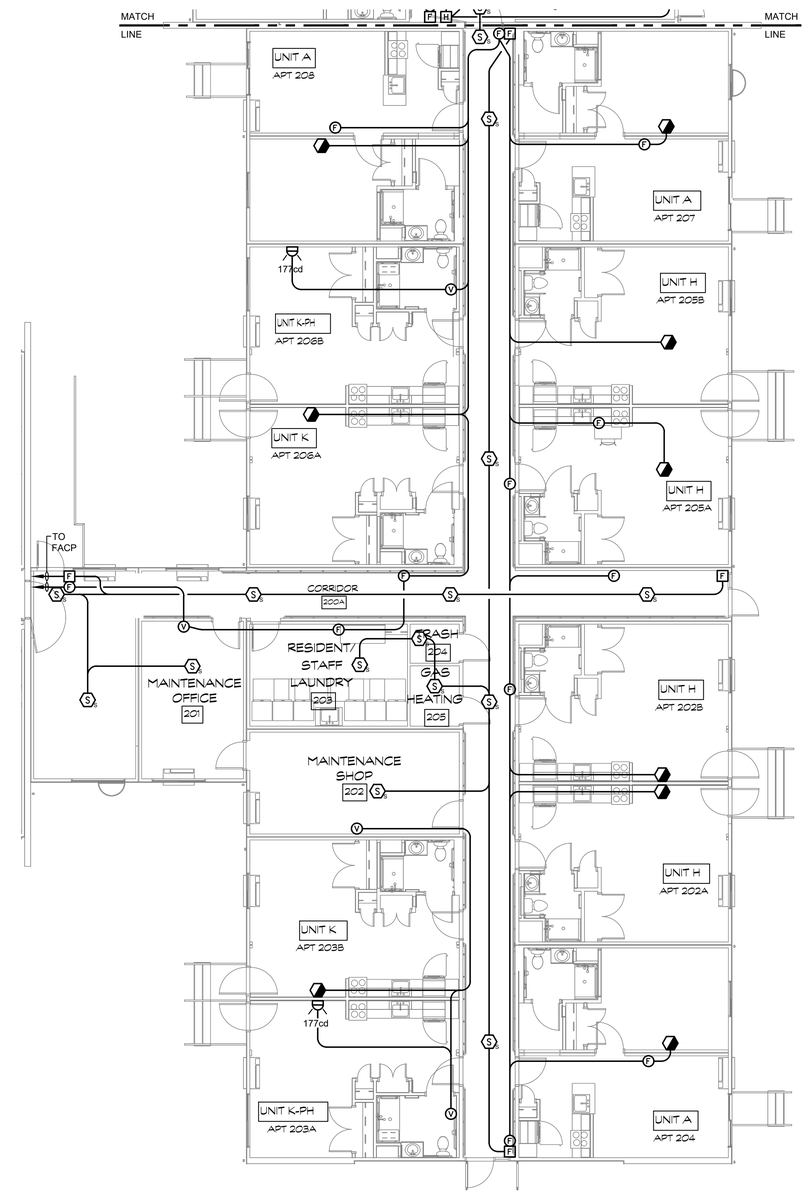
2-F.111

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MEEC JOB # 23-0017

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BUILDING FIRE ALARM NOTES:

1. ACTUAL CONDUIT SIZE AND ROUTING TO BE AS DIRECTED BY THE FIRE ALARM NICET CERTIFIED DESIGNER.
2. THE ELECTRICAL CONTRACTOR SHALL HIRE A NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER TO DESIGN THE INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM.
3. THE DRAWINGS INDICATE ASSUMED LOCATIONS OF DEVICES AND SUGGESTED CONDUIT ROUTING DIAGRAMS ON THE PLANS. A FIRE ALARM NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER SHALL DETERMINE THE ACTUAL DEVICE TYPES AND THEIR LOCATIONS, OUTPUT AND THE ROUTING OF ALL RACEWAYS.
4. REFER TO SPECIFICATIONS SECTION 28 31 11 - DIGITAL ADDRESSABLE FIRE ALARM SYSTEM FOR ADDITIONAL REQUIREMENTS AND DESCRIPTION OF SYSTEM.
5. REFER TO FLOOR PLANS FOR LOCATIONS OF FIRE ALARM DEVICES.
6. PROVIDE VISUAL NOTIFICATION DEVICES WITH CANDELA RATINGS SIZED PER ANSI 117.1 AND NFPA 72.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NAC PANELS, ACCESSORIES, CIRCUITS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
8. ALL FIRE ALARM WIRING SHALL COMPLY WITH NFPA 70., ARTICLE 760.

1 / 2-E.112 — 200 WING - FIRST FLOOR - FIRE ALARM SYSTEM NEW WORK PLAN

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

NORTH

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STATE OF MICHIGAN
JORDAN KOENIG
ENGINEER
No. 6201059789
REGISTERED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION

MICHIGAN

WESTLAND

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

mechanical electrical engineering consultants pc
14496 Sheldon Rd. Ste. 260
Plymouth, MI 48170
P 734-454-5516
F 734-454-5517

MEEC JOB # 23-0017

THIS DRAWING IS DIAGRAMMATIC AND SHOULD BE USED TO DETERMINE THE DESIGN INTENT. THE CONTRACTOR SHALL FIELD VERIFY ALL WORK AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES IN THE DOCUMENTS BEFORE PROCEEDING. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR TAKING FULL RESPONSIBILITY AND LIABILITY FOR SAID DISCREPANCIES. NOTICE: THIS DRAWING AND THE DESIGN ARE THE PROPERTY OF MECHANICAL ELECTRICAL ENGINEERING CONSULTANTS, PC AND NO ALTERATIONS AND/OR TRANSFERS OF WORK ARE PERMITTED UNLESS WRITTEN APPROVAL IS GRANTED BY MECHANICAL ELECTRICAL ENGINEERING CONSULTANTS, PC.

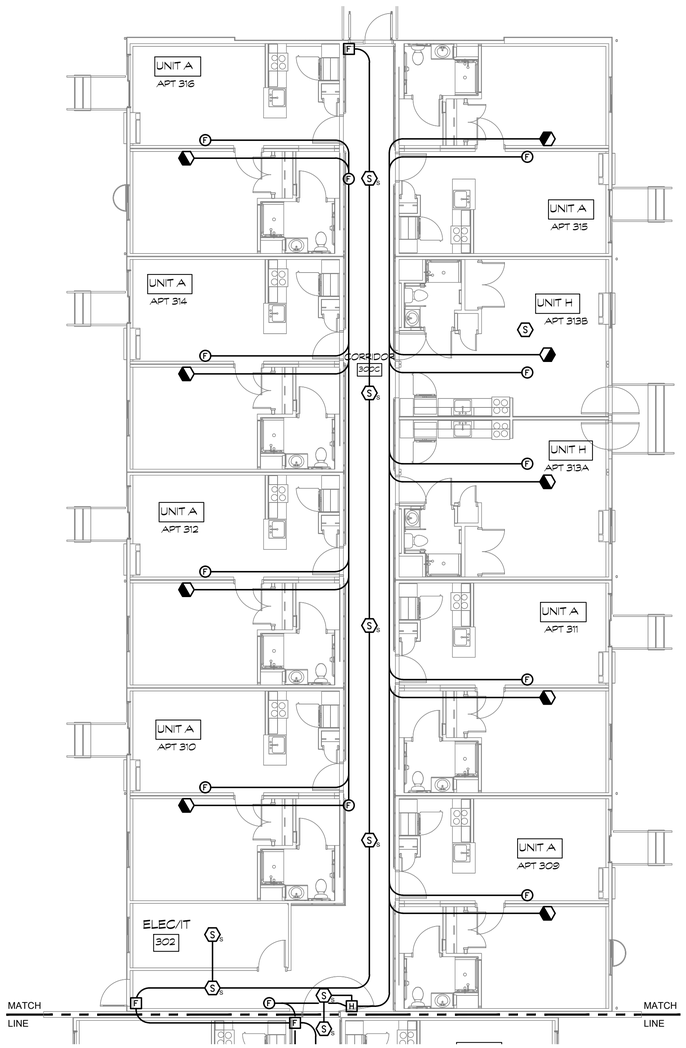
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PVM21.072

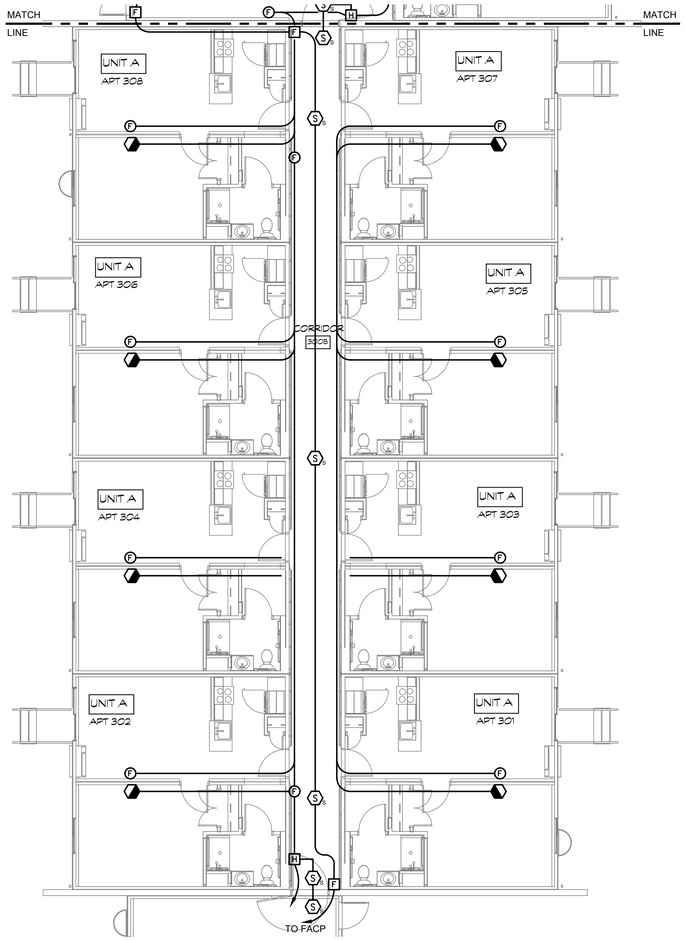
DRAWING TITLE

200 WING - FIRST FLOOR - FIRE ALARM SYSTEM NEW WORK PLANS

DRAWING NUMBER

2-F.112





BUILDING FIRE ALARM NOTES:

1. ACTUAL CONDUIT SIZE AND ROUTING TO BE AS DIRECTED BY THE FIRE ALARM NICET CERTIFIED DESIGNER.
2. THE ELECTRICAL CONTRACTOR SHALL HIRE A NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER TO DESIGN THE INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM.
3. THE DRAWINGS INDICATE ASSUMED LOCATIONS OF DEVICES AND SUGGESTED CONDUIT ROUTING DIAGRAMS ON THE PLANS. A FIRE ALARM NICET LEVEL 3 CERTIFIED FIRE ALARM DESIGNER SHALL DETERMINE THE ACTUAL DEVICE TYPES AND THEIR LOCATIONS, OUTPUT AND THE ROUTING OF ALL RACEWAYS.
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8. ALL FIRE ALARM WIRING SHALL COMPLY WITH NFPA 70., ARTICLE 760.

300 WING - FIRST FLOOR - FIRE ALARM SYSTEM NEW WORK PLAN

1 / 2-F.113

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

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06/26/26

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VILLAGE OF WESTLAND
4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
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03.07.25	BIDS & PERMITS

KEY PLAN

mechanical electrical engineering consultants pc
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Plymouth, MI 48170
P 734-454-5516
F 734-454-5517

MEEC JOB # 23-0017

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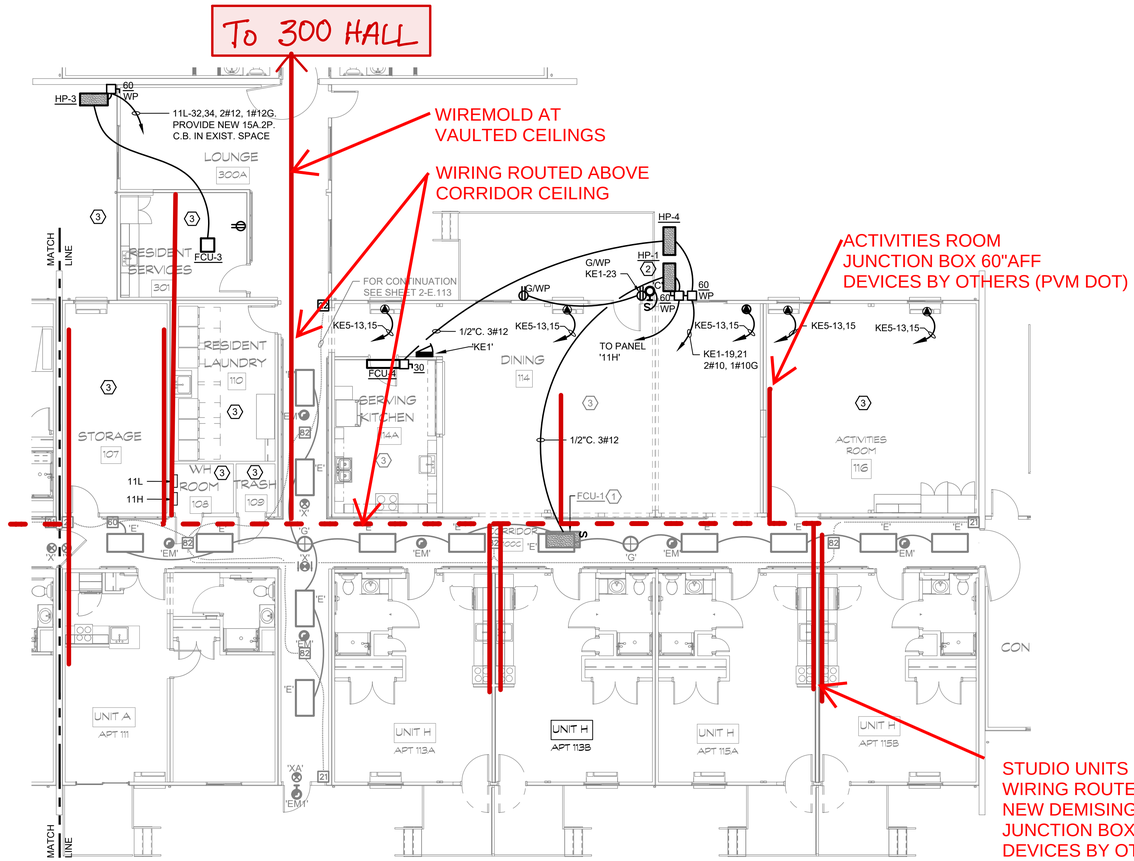
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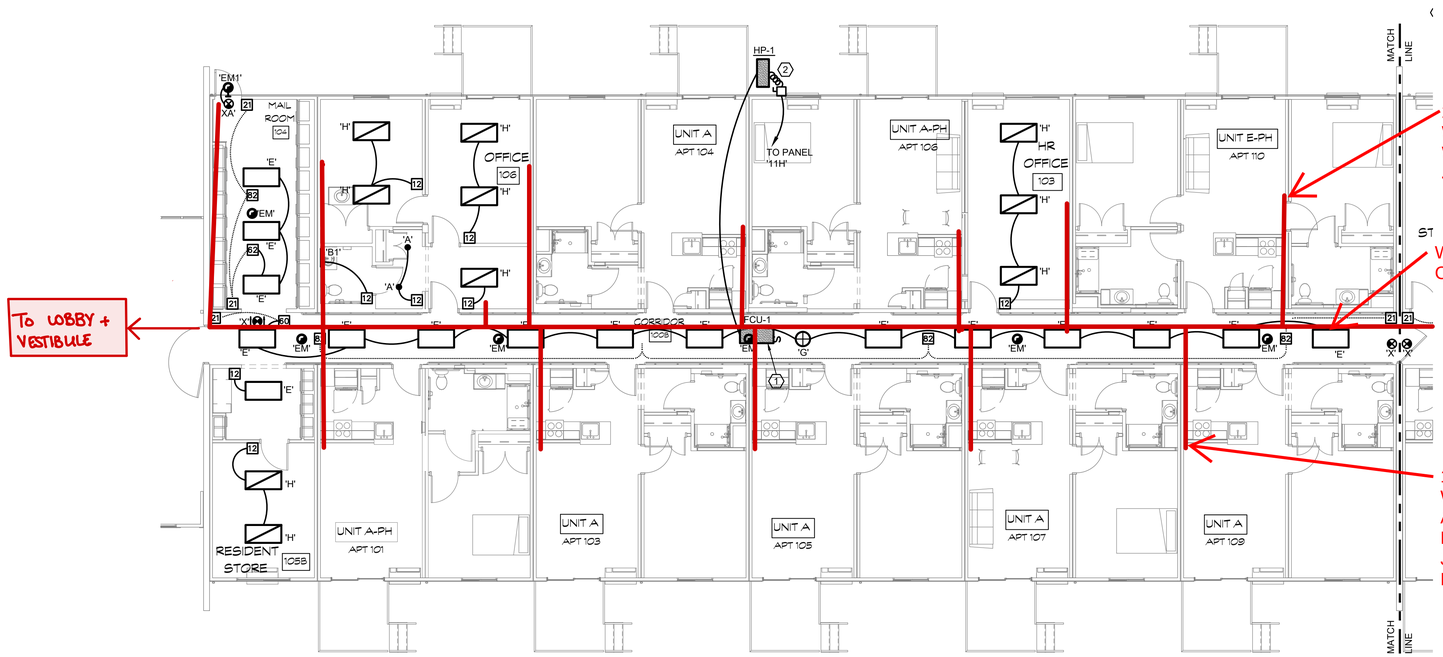
DRAWING TITLE

300 WING - FIRST FLOOR - FIRE ALARM SYSTEM NEW WORK PLANS

DRAWING NUMBER

2-F.113





1 / 2-E.111 — 100 WING - FIRST FLOOR - ELECTRICAL NEW WORK PLAN
SCALE: 1/8" = 1'-0"

NORTH

DOT LEGEND

- D — CAT6a Cabling
- TV — COAX Cabling
- Cable Bundle path
- Fiber optic cabling
- Existing cable to remain.

NOTES:

Cable bundle to run through hallway, up into attic space, down to final location.

COAX may be existing in units; do not replace.

CAT6a to be cabled to nearest tech room; 611 ELEC/IT

Follow existing cable path where appropriate.

Fiber optic cabling to run to existing 400 Hall Tech space inside maintenance office; ID not available on drawings.

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4% PROJECT
100, 200, & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06/26/2026	UPDATED BIDS & PERMITS

KEY PLAN

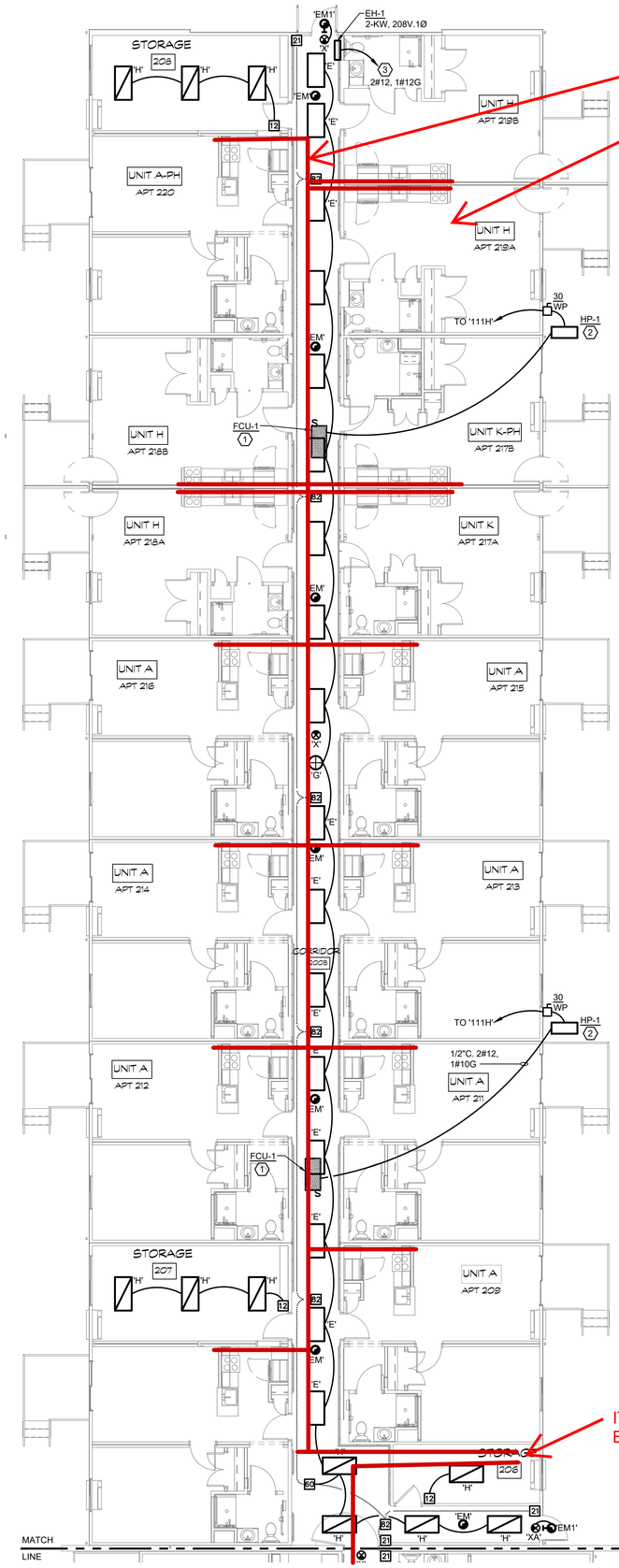
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DRAWING TITLE

100 WING - IT WIRING PLAN

DRAWING NUMBER

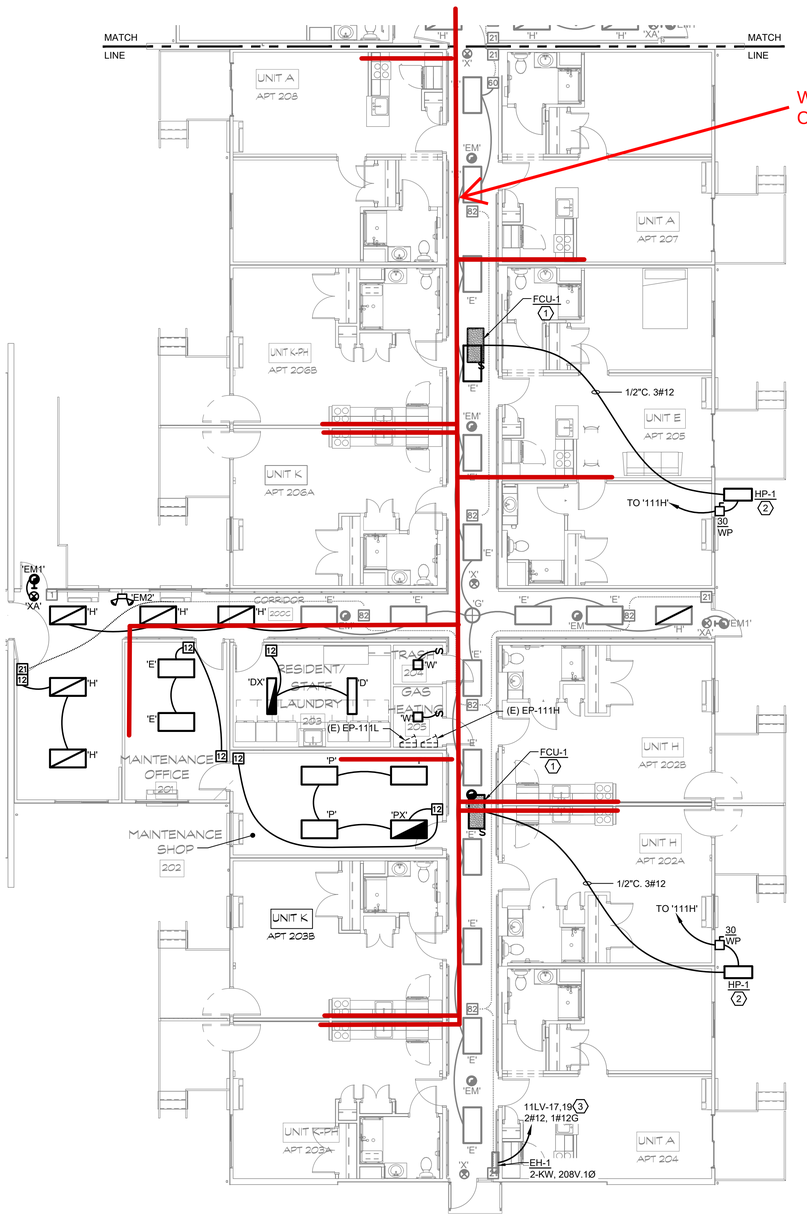
2-IT.111



WIRING ROUTED ABOVE CORRIDOR CEILING

JUNCTION BOX 24"AFF
DEVICES BY OTHERS (PVM DOT)

IT ROOM W/
BACKER BOARD



WIRING ROUTED ABOVE CORRIDOR CEILING

DOT LEGEND

- D — CAT6a Cabling
- TV — COAX Cabling
- Cable Bundle path
- Fiber optic cabling
- Existing cable to remain.

NOTES:

Cable bundle to run through hallway, up into attic space, down to final location.

COAX may be existing in units; do not replace.

CAT6a to be cabled to nearest tech room; 611 ELEC/IT

Follow existing cable path where appropriate.

Fiber optic cabling to run to existing 400 Hall Tech space inside maintenance office; ID not available on drawings.

1 / 2-E.112 — 200 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN

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

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DATE	ISSUE
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KEY PLAN

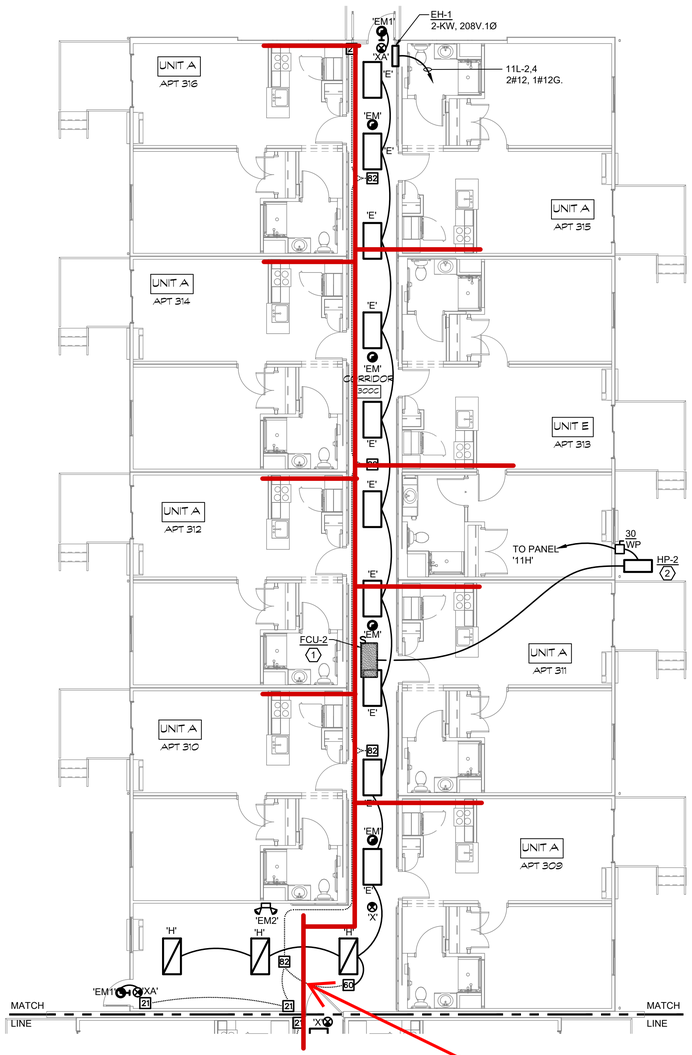
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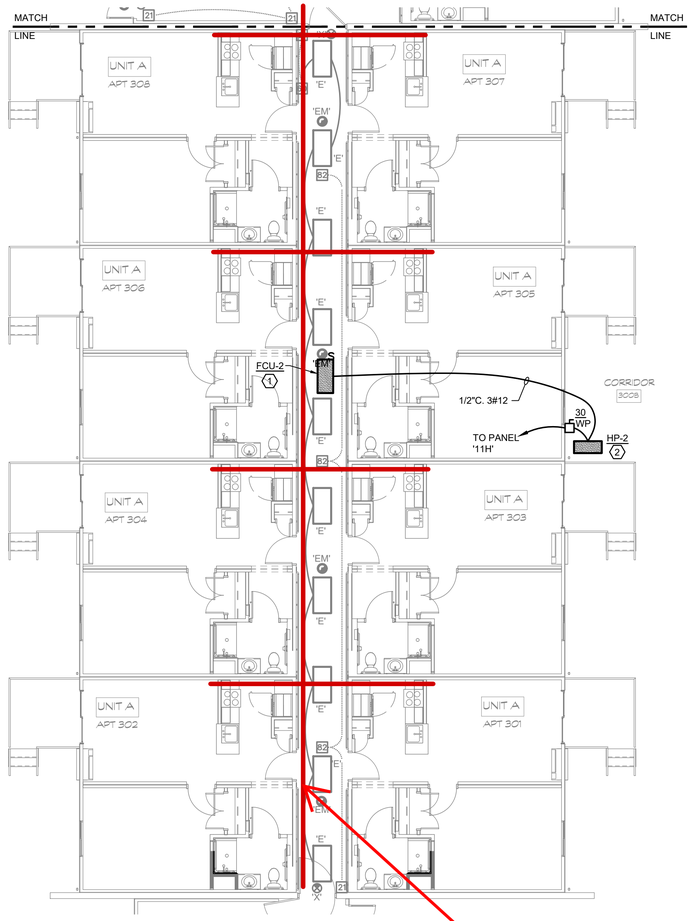
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200 WING - IT WIRING PLAN

DRAWING NUMBER

2-IT.112





WIREMOLD AT VAULTED CEILING AREAS

WIRING ROUTED ABOVE CORRIDOR CEILING

DOT LEGEND

- D — CAT6a Cabling
- TV — COAX Cabling
- Cable Bundle path
- Fiber optic cabling
- Existing cable to remain.

NOTES:

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Follow existing cable path where appropriate.

Fiber optic cabling to run to existing 400 Hall Tech space inside maintenance office; ID not available on drawings.

300 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN

1 / 2-E.113

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

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WESTLAND MICHIGAN

DATE	ISSUE
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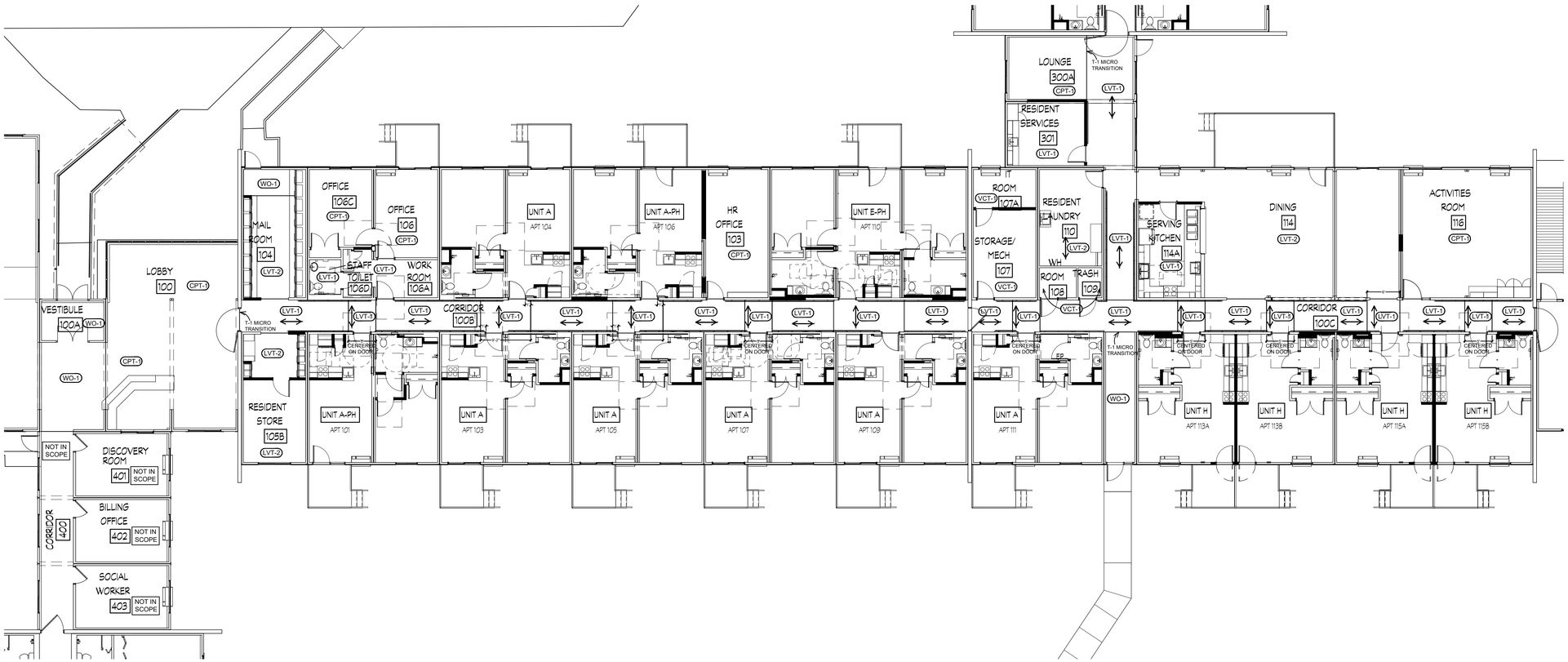
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DRAWING TITLE

300 WING - IT WIRING PLAN

DRAWING NUMBER

2-IT.113



1
2-ID.111

100 WING- FLOORING FINISH PLAN

SCALE: 3/32" = 1'-0"

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100, 200 & 300 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
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03.12.25	PERMITS

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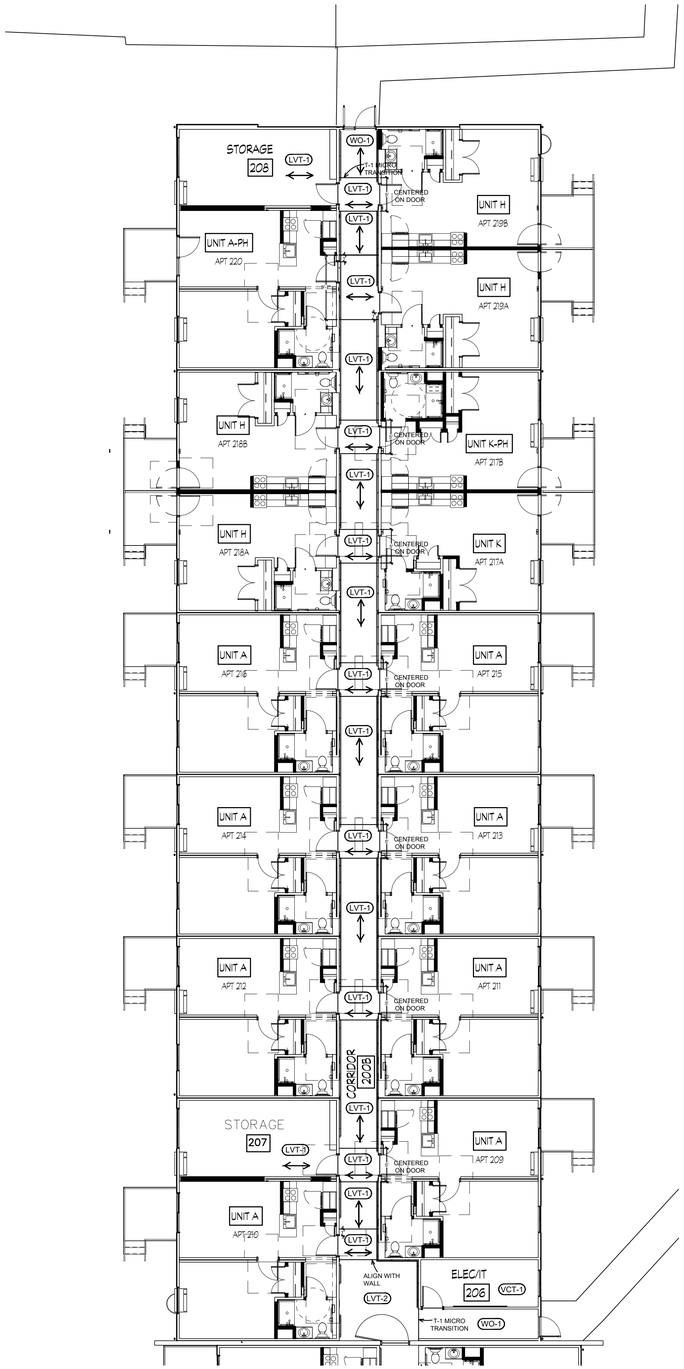
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DRAWING TITLE

100 WING- FLOORING FINISH PLAN

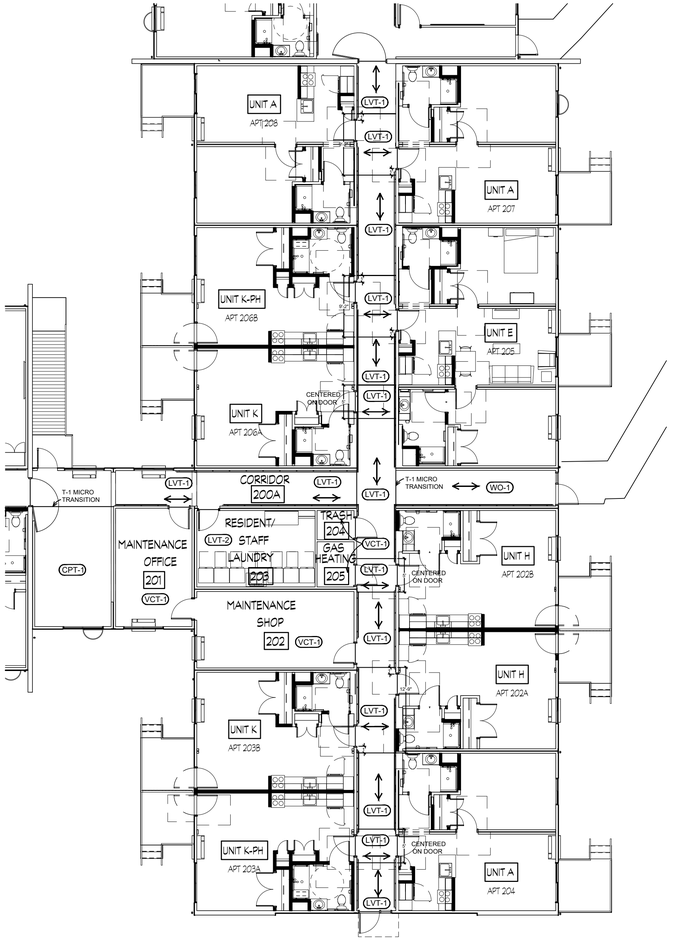
DRAWING NUMBER

2-ID.111



1 / 2-ID.112 NORTH 200 WING- FLOORING FINISH PLAN

SCALE: 3/32" = 1'-0"



2 / 2-ID.112 SOUTH 200 WING- FLOORING FINISH PLAN

SCALE: 3/32" = 1'-0"

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WESTLAND MICHIGAN

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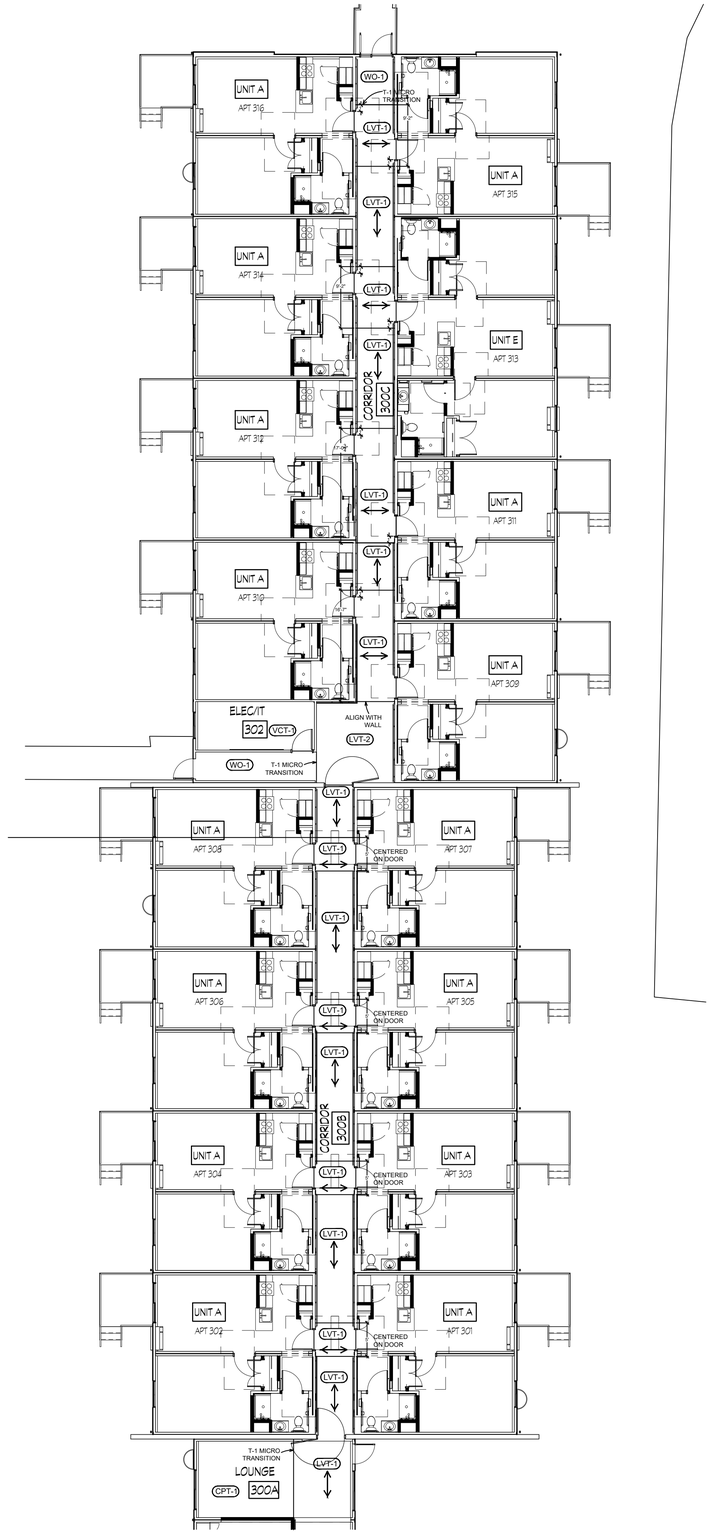
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DRAWING TITLE

200 WING- FLOORING FINISH PLANS

DRAWING NUMBER

2-ID.112



2
2-ID.113

300 WING- FLOORING FINISH PLAN

SCALE: 3/32" = 1'-0"

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WESTLAND MICHIGAN

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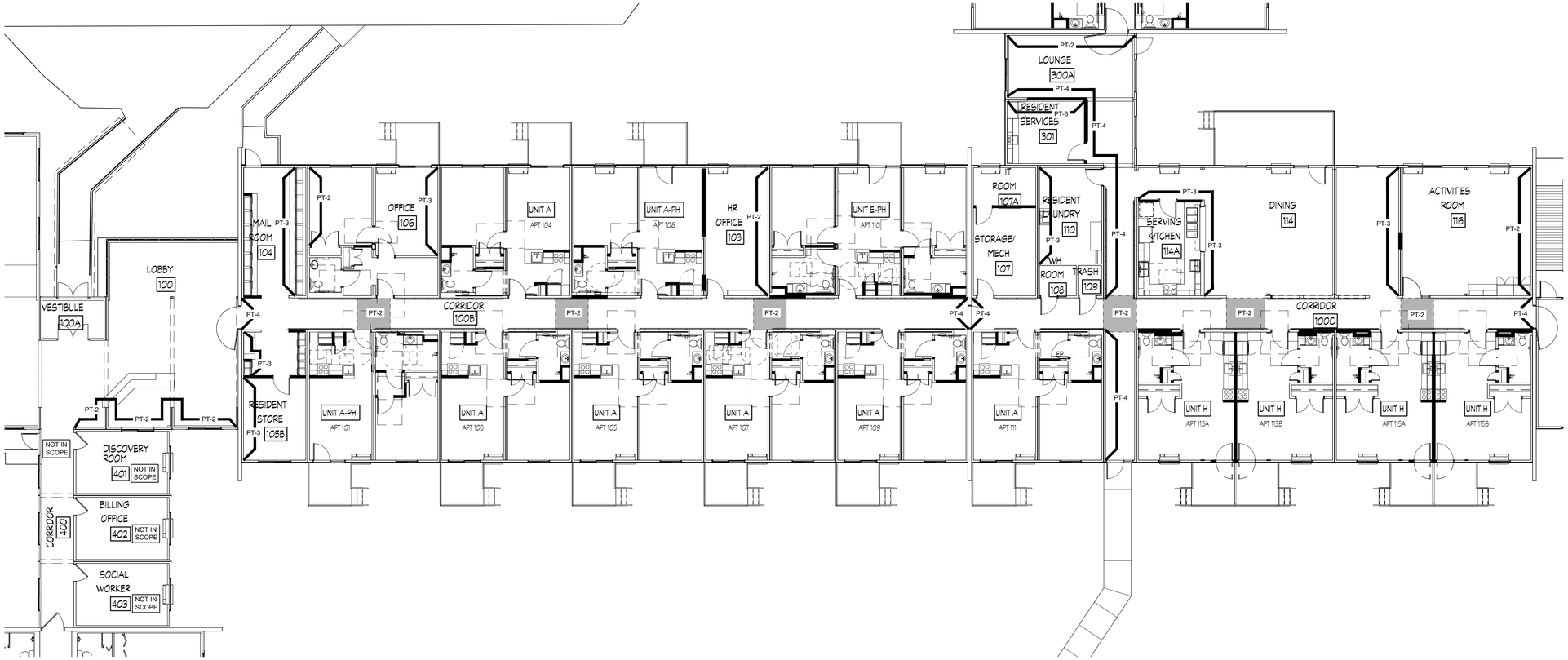
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WALL FINISH NOTES

REFER TO INTERIOR FINISH SPECS FOR CLARIFICATION AND PAINT COLORS

PT-1 MAIN FIELD PAINT UNLESS OTHERWISE NOTED

ACCENT PAINT AT DRYWALL SOFFITS SHOWN SHADED, PAINT BOTTOM AND SIDES OF SOFFITS IN ACCENT



1 / 2-ID.114 100 WING- WALL FINISH PLAN
SCALE: 3/32" = 1'-0"

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
4% PROJECT
100, 200 & 300 WING RENOVATION
WESTLAND MICHIGAN

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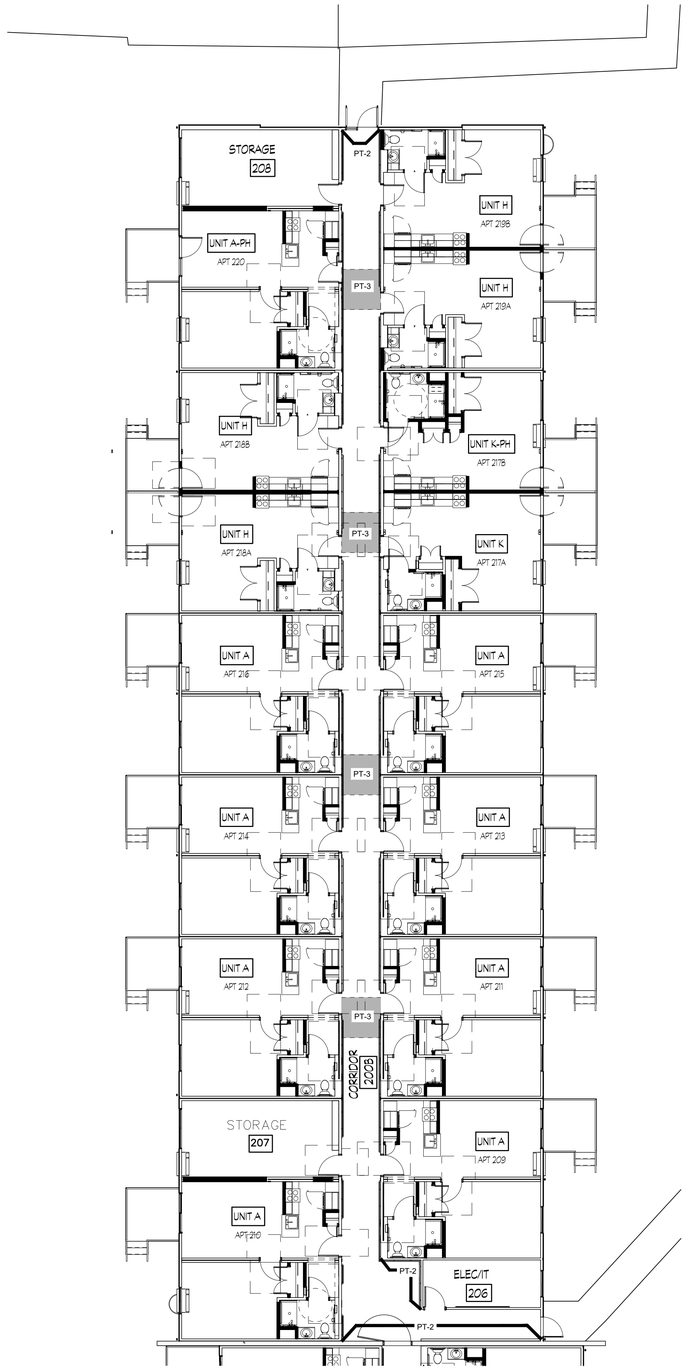
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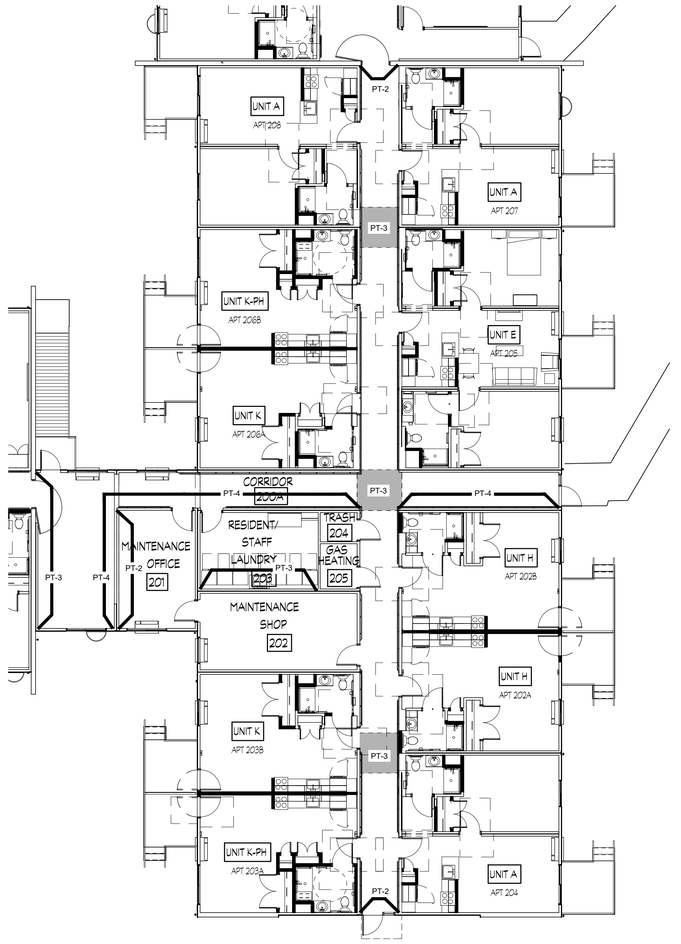
DRAWING TITLE

100 WING WALL FINISH PLAN

DRAWING NUMBER

2-ID.114





WALL FINISH NOTES

REFER TO INTERIOR FINISH SPECS FOR CLARIFICATION AND PAINT COLORS

PT-1 MAIN FIELD PAINT UNLESS OTHERWISE NOTED

ACCENT PAINT AT DRYWALL SOFFITS SHOWN SHADED, PAINT BOTTOM AND SIDES OF SOFFITS IN ACCENT

1 2-ID.115 NORTH 200 WING- WALL FINISH PLAN
SCALE: 3/32" = 1'-0"

2 2-ID.115 SOUTH 200 WING- WALL FINISH PLAN
SCALE: 3/32" = 1'-0"

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4% PROJECT
100, 200 & 300 WING RENOVATION
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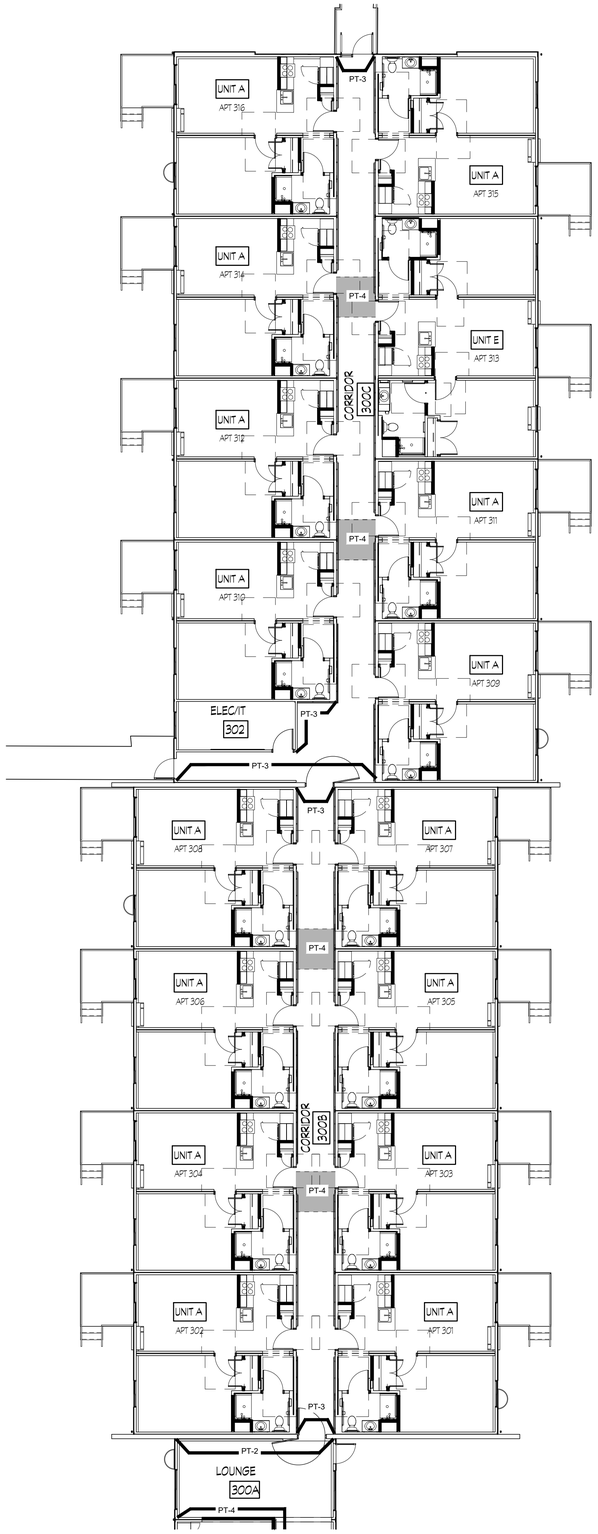
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DRAWING TITLE

200 WING- WALL FINISH PLANS

DRAWING NUMBER

2-ID.115



2
2-ID.116

300 WING- WALL FINISH PLAN

SCALE: 3/32" = 1'-0"

WALL FINISH NOTES

REFER TO INTERIOR FINISH SPECS FOR CLARIFICATION AND PAINT COLORS

PT-1 MAIN FIELD PAINT UNLESS OTHERWISE NOTED

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4% PROJECT
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DATE	ISSUE
06.26.26	UPDATED BIDS
03.12.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

300 WING- WALL FINISH PLAN

DRAWING NUMBER

2-ID.116