VILLAGE OF WESTLAND

9% PROJECT

WESTLAND 500 & 600 WING RENOVATION MICHIGAN

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1-AC.002	CODE ANALYSIS
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1-AD.111	PARTIAL FIRST FLOOR DEMOLITION
1-AD.112	PARTIAL FIRST FLOOR DEMOLITION
1-AD.113	PARTIAL FIRST FLOOR DEMOLITION
1-AD.511	UNIT DEMOLITION PLANS
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1-P.101	OVERALL FIRST FLOOR - PLUMBING NEW WORK PLAN
1-P.111	600 - FIRST FLOOR - PLUMBING SANITARY NEW WORK PLANS
1-P.112	600 - FIRST FLOOR - PLUMBING NEW WORK PLAND
1-P.113	500 - FIRST FLOOR - PLUMBING SANITARY NEW WORK PLANS
1-P.114	500 - FIRST FLOOR - PLUMBING NEW WORK PLANS
1-P.511	600 - TYPICAL UNIT - PLUMBING PLANS
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1-MD.112	EAST 600 - FIRST FLOOR - MECHANICAL DEMOLITION PLAN
1-MD.113	500 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN
1-M.101	OVERALL FIRST FLOOR - MECHANICAL NEW WORK PLAN
1-M.111	WEST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLANS
1-M.112	EAST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLANS
1-M.113	500 WING - FIRST FLOOR - MECHANICAL NEW WORK PLANS
1-M.511	500 & 600 TYPICAL UNIT - MECHANICAL PLANS
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1-ED.511	UNIT H - ELECTRICAL - DEMOLITION PLAN
1-E.101	OVERALL FIRST FLOOR - ELECTRICAL - NEW WORK PLAN
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1-E.511	UNIT H - ELECTRICAL - NEW WORK PLAN
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1-I.D.113	WEST 600 WING- WALL FINISH PLAN
1-I.D.114	EAST 600 WING- WALL & CEILING FINISH PLAN
1-I.D.115	500 WING - FLOORING FINISH PLAN
1-I.D.116	500 WING - WALL FINISH PLAN

DEVELOPMENT TEAM

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

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

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

LANDSCAPE ARCHITECT
GIFFELS WEBSTER
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STRUCTURAL ENGINEER
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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 BUILDING AREA	
500 WING	16,997 S.F.
600 WING	22,540 S.F.
TOTAL GROSS AREA	39,537 S.F.

UNIT DATA - EXISTING

UNIT TYPE		GROSS AREA	UNITS
UNIT A	1 BEDROOM	576 SF	17
UNIT B-PH	1 BDRM ACCCES	576 SF	1
UNIT F	1 BEDROOM	576 SF	15
UNIT G	STUDIO	290 SF	15
UNIT H	STUDIO	290 SF	1
UNIT J	1 BED GRT RM	864 SF	3
UNIT E	2 BEDROOM	864 SF	2
TOTAL			54

UNIT DATA - PROPOSED

UNIT TYPE		GROSS AREA	UNITS
UNIT A	1 BED	576 SF	19
UNIT B-PH	1 BED ACCESS	576 SF	1
UNIT H	STUDIO	432 SF	26
UNIT H-PH	STUDIO ACCESS	432 SF	5
UNIT K	STUDIO	432 SF	1
UNIT K-PH	STUDIO ACCESS	432 SF	1
UNIT L	STUDIO	432 SF	4
TOTAL			57

TOTAL UNIT AREA 27,504 SF

UNIT SUMMARY

UNIT TYPE	TOTAL
STUDIO UNITS	37
1 BEDROOM UNITS	20
	57

PH UNIT TYPE (10%- 6 REQ'D)	TOTAL
STUDIO UNITS	6
1 BEDROOM UNITS	1
TOTAL PH UNITS	7

HVI UNITS (2%- 2 REQ'D)	TOTAL
1 BEDROOM UNITS	1
STUDIO UNITS	1
	2

DATE	ISSUE
03.07.25	BIDS & PERMITS
11.14.25	9% ADDENDUM #2
06.26.26	UPDATED BIDS

SIGNATURE BLOCK

	SIGNATURE	INITIALS	DATE
OWNER			
ARCHITECT			
GENERAL CONTRACTOR			
SURETY COMPANY			

STATE OF MICHIGAN — JAMES T. PAPPAS — ARCHITECT — LICENSED PROFESSIONAL — 29064

FSP

FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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HEIGHT AND AREA MODIFICATIONS - 9% IL AREA OF WORK

FRONTAGE- AREA OF WORK:

TOTAL FRONTAGE (F)= 827 FT.

PERIMETER (P)= 969 FT.

MINIMUM WIDTH
OPEN SPACE (W)= 20 FT.

% FRONTAGE INCREASE (If):
WORST CASE FRONTAGE CONDITION

$$If = \left[\frac{F}{P} - 0.25\,\frac{W}{30}\right] = \left[\frac{827}{969} - 0.25\,\frac{30}{30}\right] = [0.93 - 0.25] = 0.68$$

CALCULATED ALLOWABLE AREA

$$Aa = At + (NS \times If) = 7{,}000 + (7{,}000 \times 0.68) = 11{,}760\ SF$$
$$= 19{,}320\ SF$$

MODIFICATIONS TO IBC ALLOWABLE HEIGHT AND AREA:

PERMITTED TYPES OF CONSTRUCTION =	VB
MAX. ALLOWABLE BUILDING HEIGHT = (MBC TABLE 504.3 AND 504.4)	40'-0"/ 2 STORIES
ACTUAL BUILDING HEIGHT	1 STORY ABOVE GRADE 16'
TABULAR AREA PER FLOOR (FIRE AREA) (At) (PER MBC TABLE 506.2)	7,000 SF
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	6,885 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
Fa= BUILDING PERIMETER WHICH FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING 20 FT. OPEN MINIMUM WIDTH.
Pa= PERIMETER OF ENTIRE BUILDING (IN FEET).
Ws= 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 - 9% IL

MARK	DOOR DESCRIPTION	EGRESS WIDTH
3008	SINGLE 3'-0" ALUM	34"
6007	SINGLE 3'-0" ALUM	34"
6008	SINGLE 3'-0" ALUM	34"
3004	SINGLE 3'-0" ALUM	34"
3005	SINGLE 3'-0" ALUM	34"
TOTAL EGRESS WIDTH		170"

EGRESS WIDTH PER OCCUPANT SERVERED (PER MBC TABLE 1004.1.2)
OTHER EGRESS COMPONENTS (1005.3.2)
127 OCCUPANTS X 0.2/OCCUPANT = 25 REQUIRED

OCCUPANT LOAD - 9% IL

ROOM	AREA	OCCUPANCY FACTOR	OCCUPANCY LOAD
APT 603A	414 SF	200	3
APT 603B	414 SF	200	3
APT 604A	414 SF	200	3
APT 604B	414 SF	200	3
APT 605A	414 SF	200	3
APT 605B	414 SF	200	3
APT 606A	414 SF	200	3
APT 606B	414 SF	200	3
APT 607A	414 SF	200	3
APT 607B	414 SF	200	3
APT 608A	414 SF	200	3
APT 608B	414 SF	200	3
APT 609A	414 SF	200	3
APT 609B	414 SF	200	3
APT 610A	414 SF	200	3
APT 610B	414 SF	200	3
APT 611	547 SF	200	3
APT 613A	413 SF	200	3
APT 613B	414 SF	200	3
APT 614	414 SF	200	3
APT 615A	414 SF	200	3
APT 615B	414 SF	200	3
APT 616A	414 SF	200	3
APT 616B	414 SF	200	3
APT 617A	414 SF	200	3
APT 617B	414 SF	200	3
APT 618A	414 SF	200	3
APT 618B	414 SF	200	3
APT 619A	415 SF	200	3
APT 619B	415 SF	200	3
APT 620A	414 SF	200	3
APT 620B	414 SF	200	3
APT 622	547 SF	200	3
ELEC/IT	124 SF	300	1
FITNESS	842 SF	200	5
GAS HEATING	38 SF	300	1
GAS HEATING	38 SF	300	1
GROUP FITNESS/ MULTIPURPOSE	842 SF	100	9
JANITOR	23 SF	300	1
SATELLITE DINING	1247 SF	200	7
TRASH	24 SF	100	1
WOMENS TOILET	110 SF	100	2
			127

MRCEB BUILDING RENOVATION SUMMARY

	AGGREGATE AREA FIRE AREA J, K, L, M & N	ALTERATION-LEVEL 1	ALTERATION-LEVEL 2 (WORK AREA)*	WORK AREA EXCEEDS 50%
AREA OF WORK	39,537 SF	29,410 SF	10,127 SF	NO
BUILDING TOTAL AREA	184,626 SF	29,410 SF	10,127 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 801.1 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).

MBC CODE ANALYSIS LEGEND

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

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

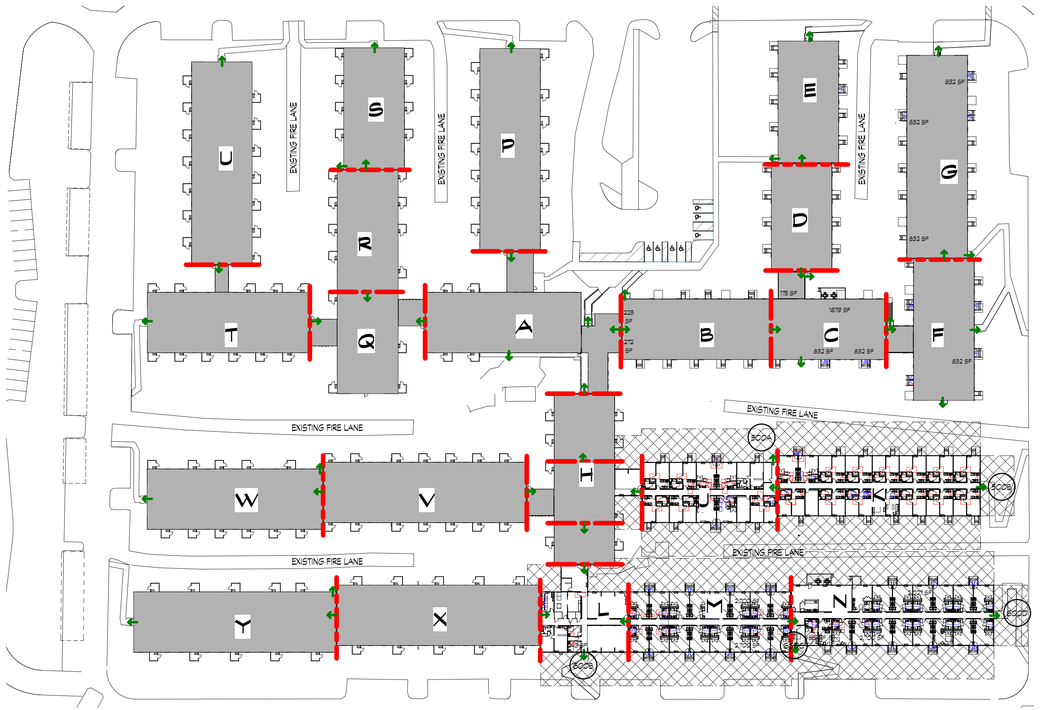
BUILDING CODE:	MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS - 2015
CONSTRUCTION TYPE:	EXISTING: VA PROPOSED: VA
USE GROUP:	R-2
MECHANICAL CODE:	MICHIGAN MECHANICAL CODE 2015
PLUMBING CODE:	MICHIGAN PLUMBING CODE 2018
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE 2017 MICHIGAN ELECTRICAL CODE 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 #1301029084



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

FSP FUSCO, SHAFFER & PAPPAS, INC.
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FERNDALE, MICHIGAN, 48220
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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

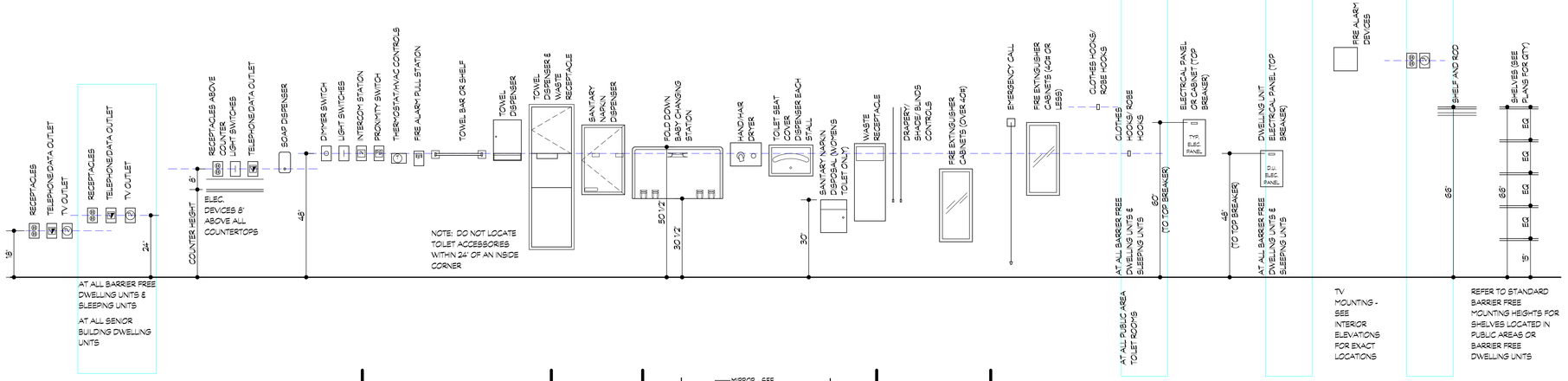
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PVM21.072

DRAWING TITLE

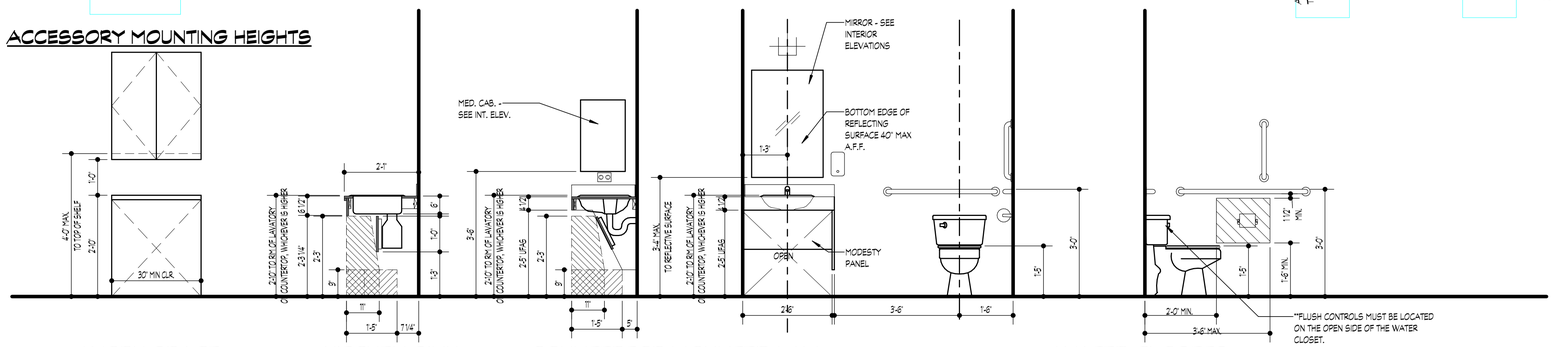
CODE ANALYSIS

DRAWING NUMBER

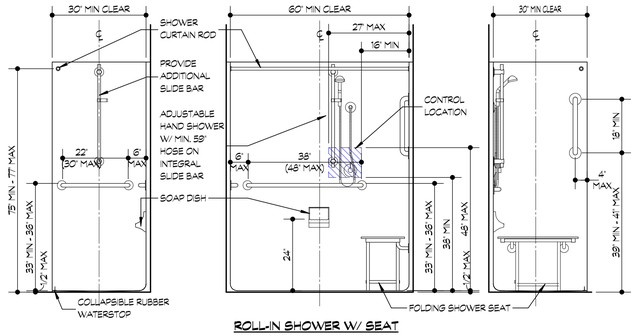
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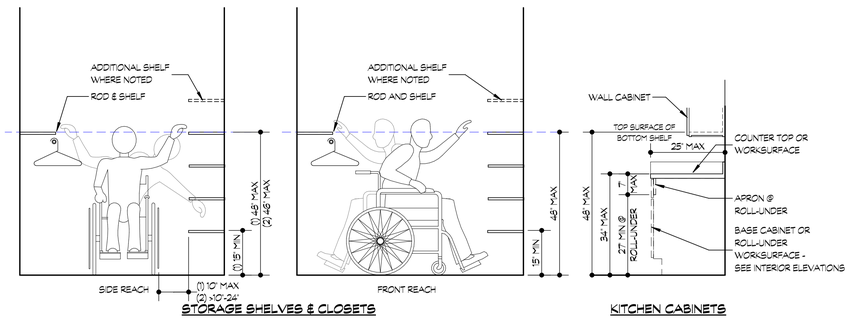
ACCESSORY MOUNTING HEIGHTS



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

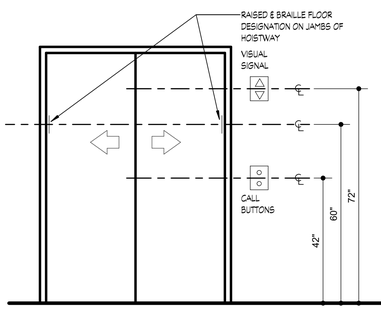


ROLL-IN SHOWER W/ SEAT

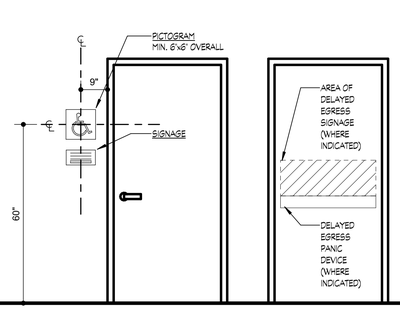


STORAGE SHELVES & CLOSETS | KITCHEN CABINETS

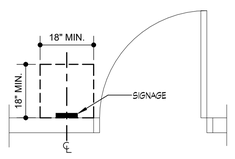
STANDARD BARRIER FREE MOUNTING HEIGHTS

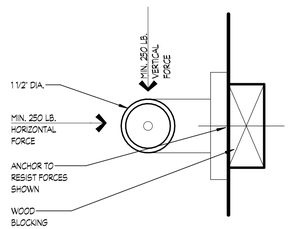


ELEVATOR CONTROLS

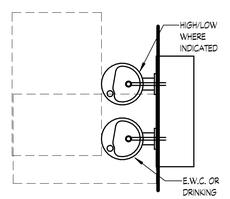


SIGNAGE

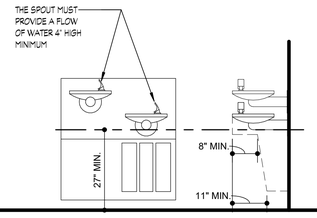




GRAB BARS



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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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

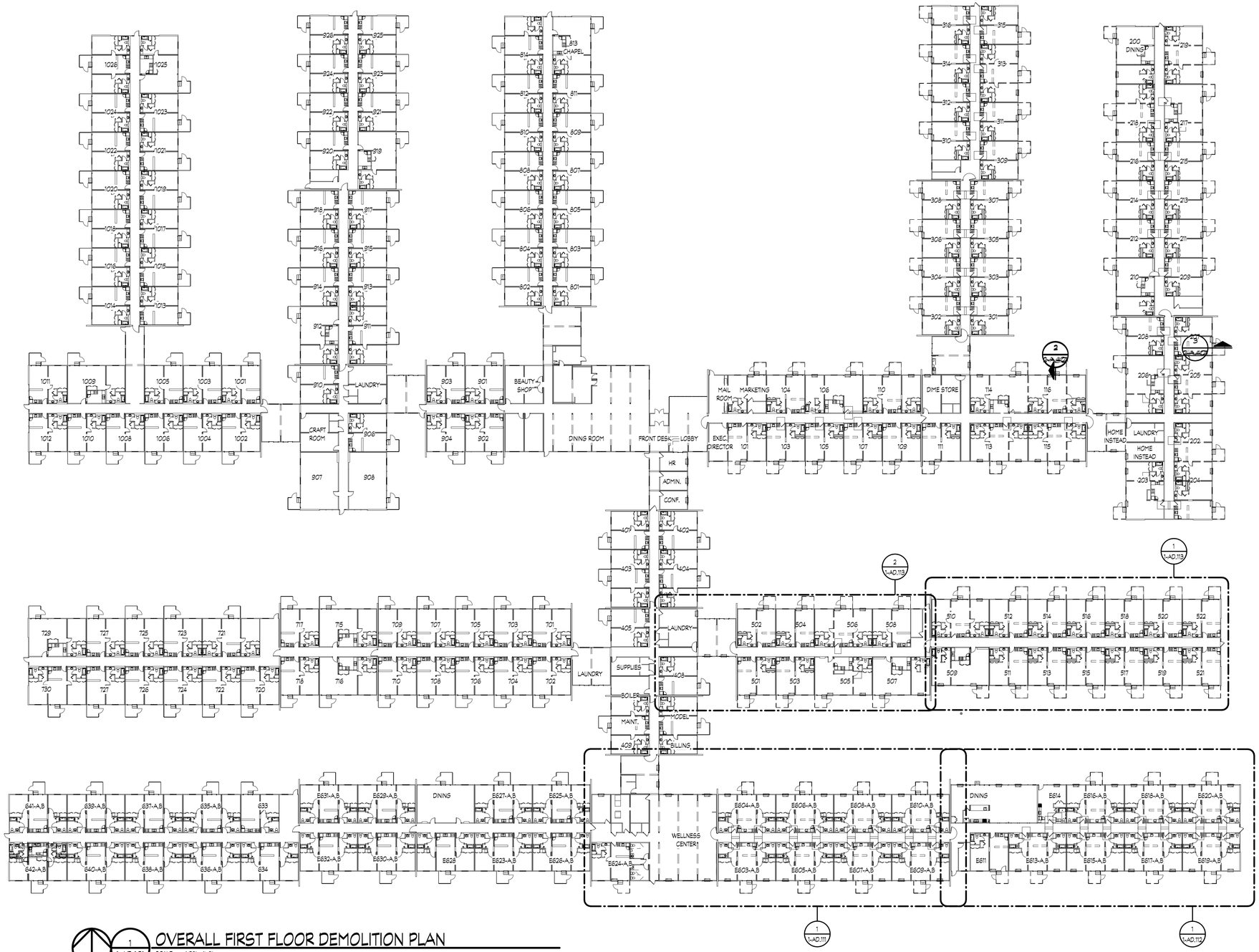
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

CODE ANALYSIS

DRAWING NUMBER

1-AC.002



OVERALL FIRST FLOOR DEMOLITION PLAN

1 / 1-AD.101 — 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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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

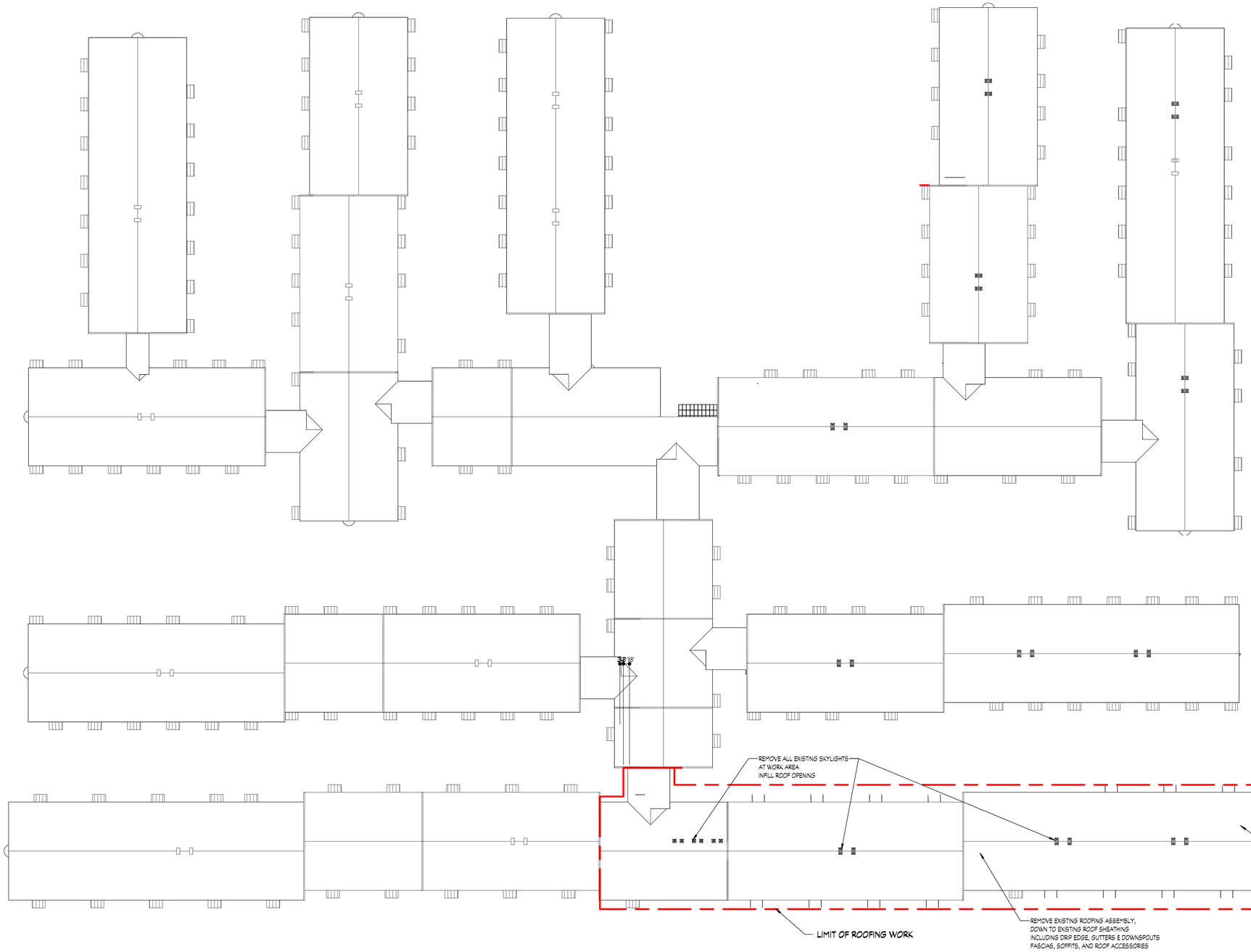
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR DEMOLITION PLAN

DRAWING NUMBER

1-AD.101



1 / 1-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 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.

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
VILLAGE OF WESTLAND
MICHIGAN
WESTLAND

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

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ROOF DEMOLITION PLAN

DRAWING NUMBER

1-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	

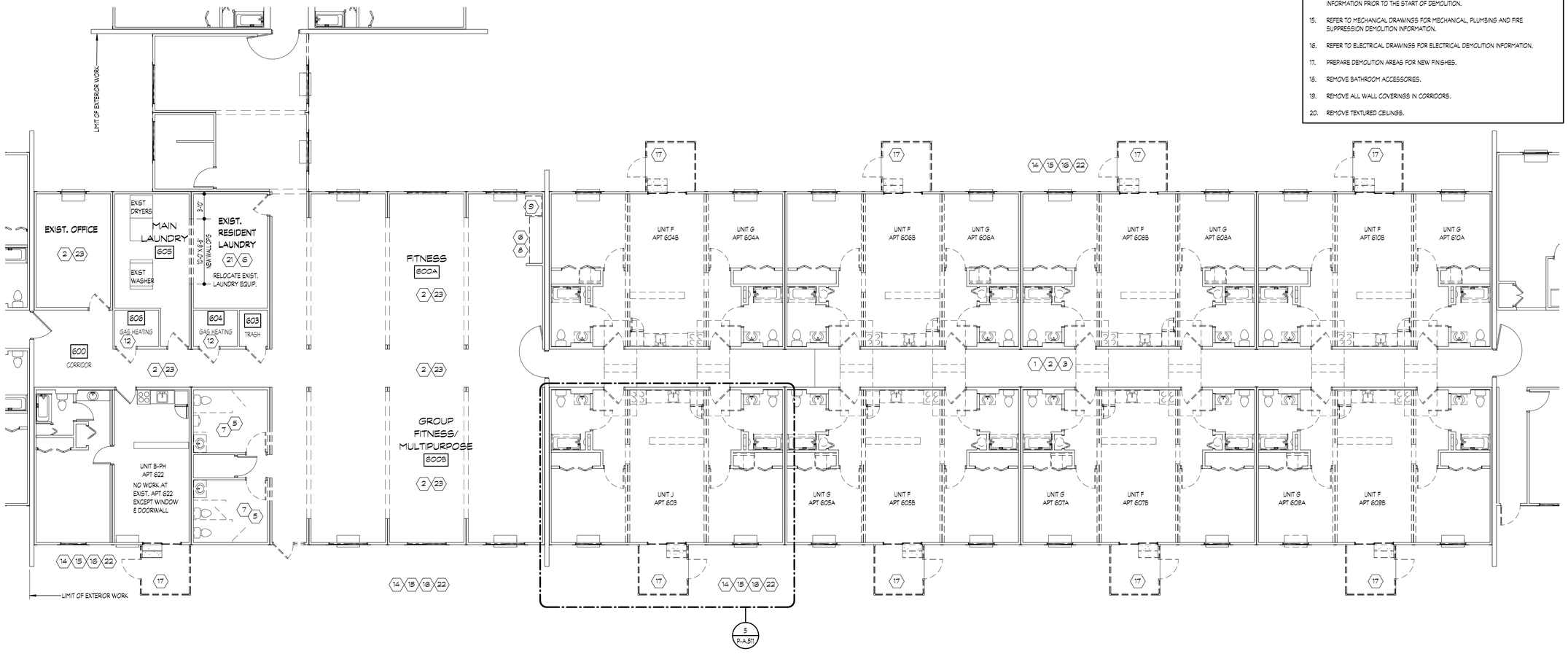
**NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

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.

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.



1 1-AD.111 WEST 600 WING DEMOLITION

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

NORTH

FSP FUSCO, SHAFFER & PAPPAS, INC.
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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

1-AD.111

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	

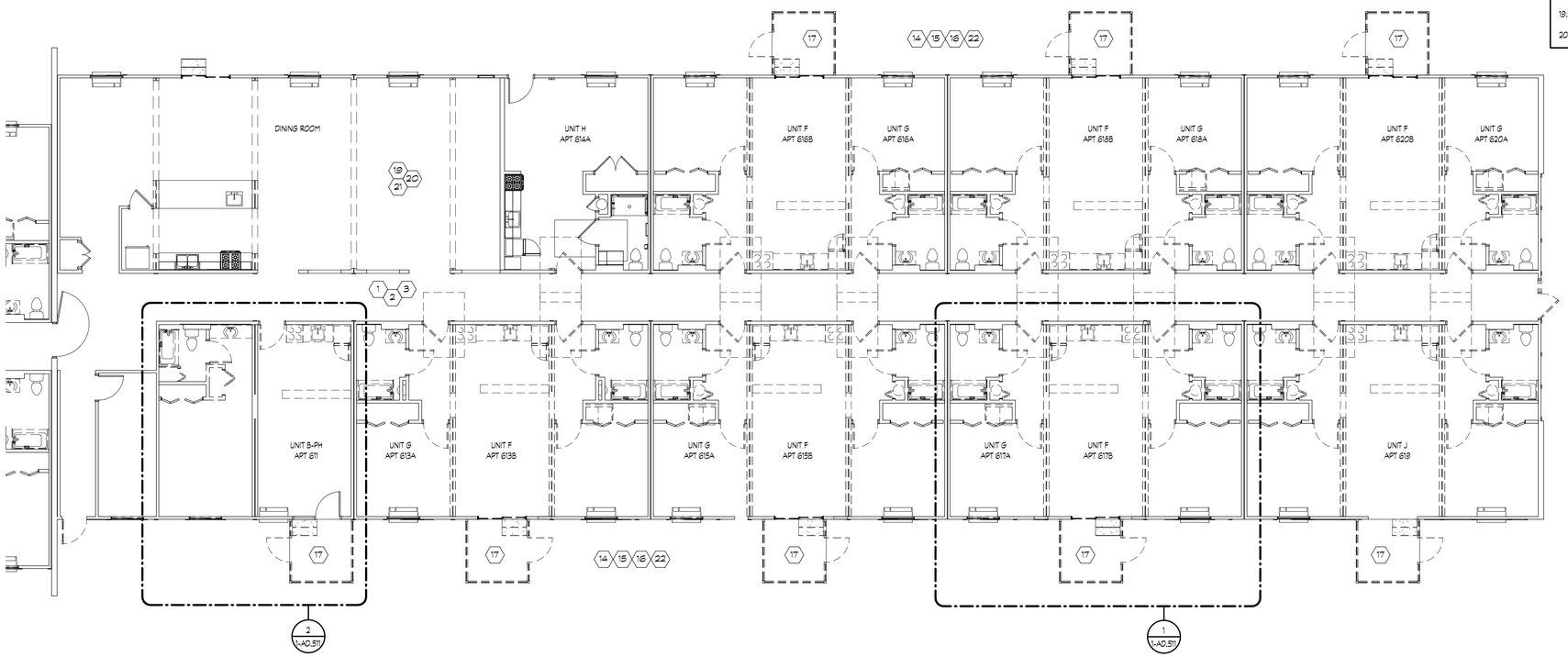
"NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

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 OWNERS 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.

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.
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17. PREPARE DEMOLITION AREAS FOR NEW FINISHES.
18. REMOVE BATHROOM ACCESSORIES.
19. REMOVE ALL WALL COVERINGS IN CORRIDORS.
20. REMOVE TEXTURED CEILINGS.



1 1-AD.112 EAST 600 WING DEMOLITION
SCALE: 1/8" = 1'-0"

NORTH

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
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500 & 600 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

1-AD.112

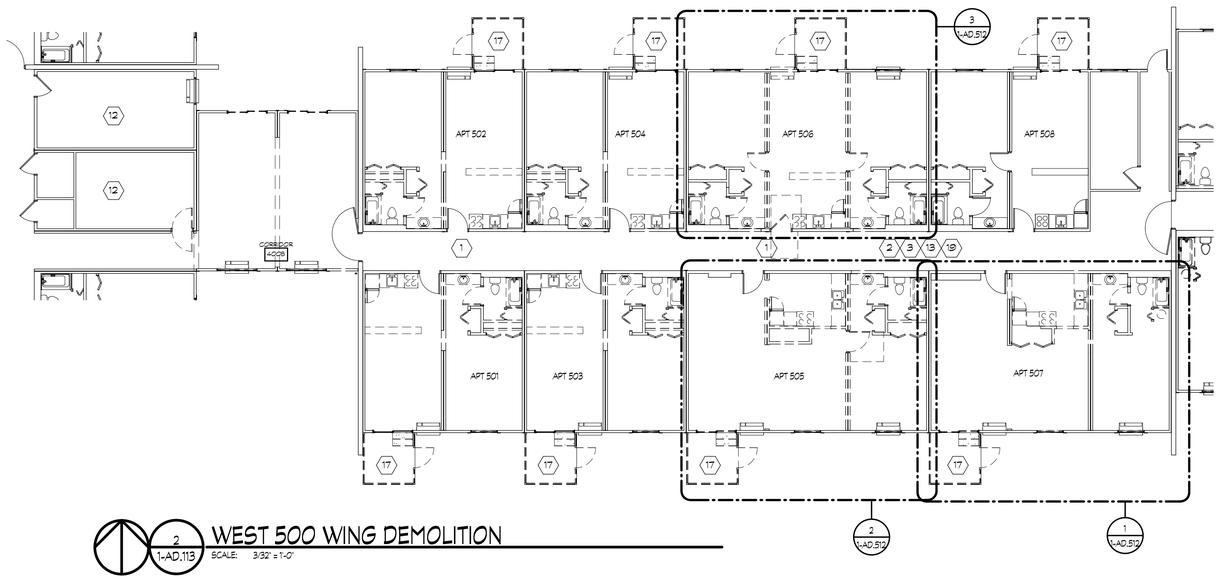
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EXISTING WALL AND/OR CONSTRUCTION TO REMAIN		REMOVE EXISTING WALL AND/OR CONSTRUCTION	
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"NOTE: WALL LEGEND SHOWN FOR GRAPHICAL REFERENCE ONLY. REFER TO NEW WORK PLANS AND SECTIONS FOR ADDITIONAL DETAILS AND INFORMATION.

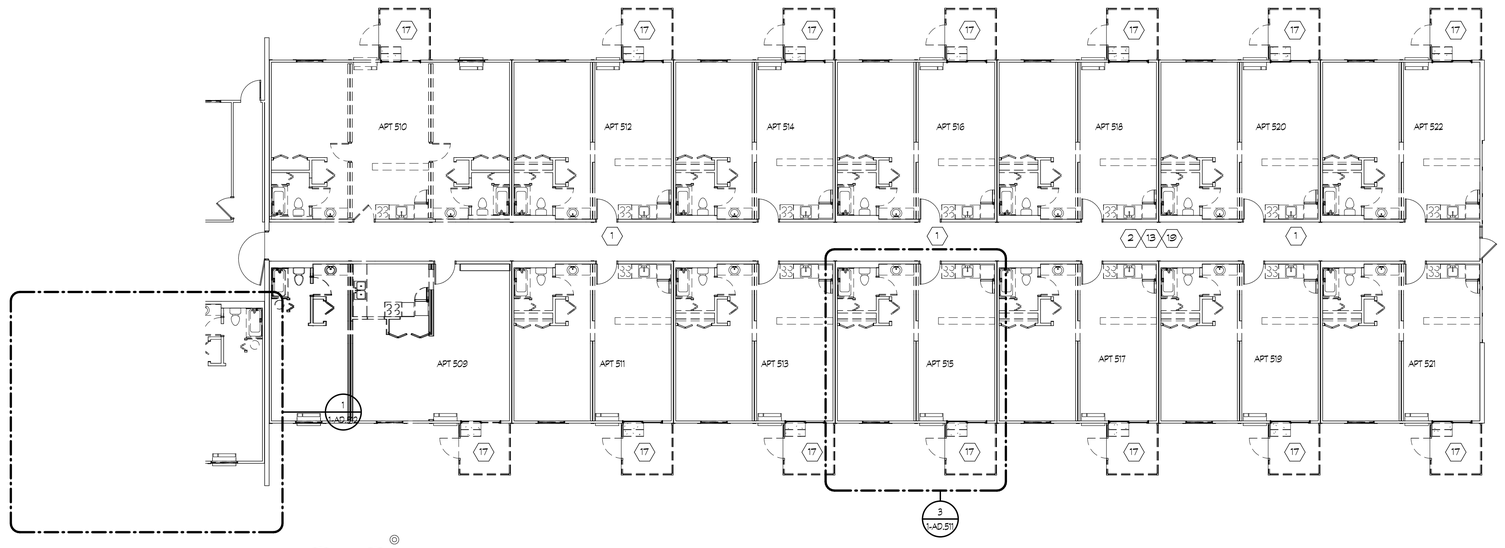
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12	REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.	24	REMOVE ALL SKYLIGHTS AT AREA OF WORK.



2 1-AD.113 WEST 500 WING DEMOLITION
SCALE: 3/32" = 1'-0"

NORTH



1 1-AD.113 EAST 500 WING DEMOLITION
SCALE: 3/32" = 1'-0"

NORTH

DEMOLITION PLAN NOTES:

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EXISTING CONSTRUCTION NOTES:

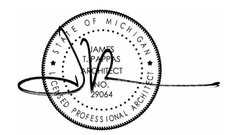
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ARCHITECTS AND PLANNERS

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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
03.07.25	PERMITS

KEY PLAN

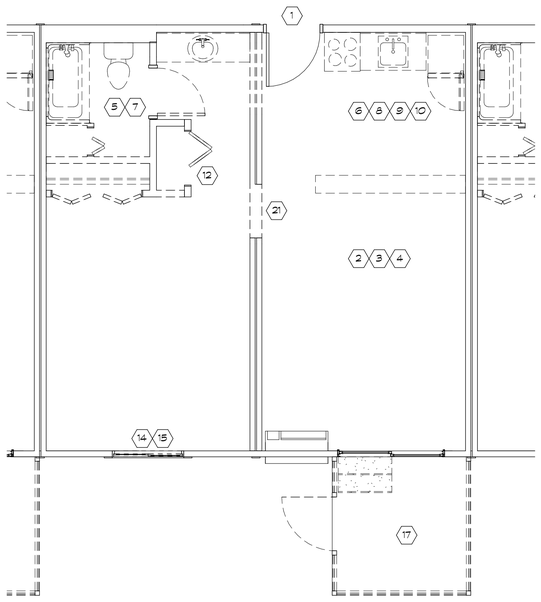
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

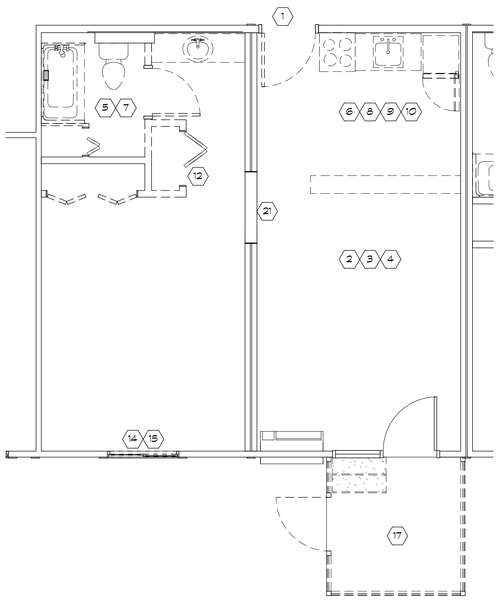
PARTIAL FIRST FLOOR DEMOLITION

DRAWING NUMBER

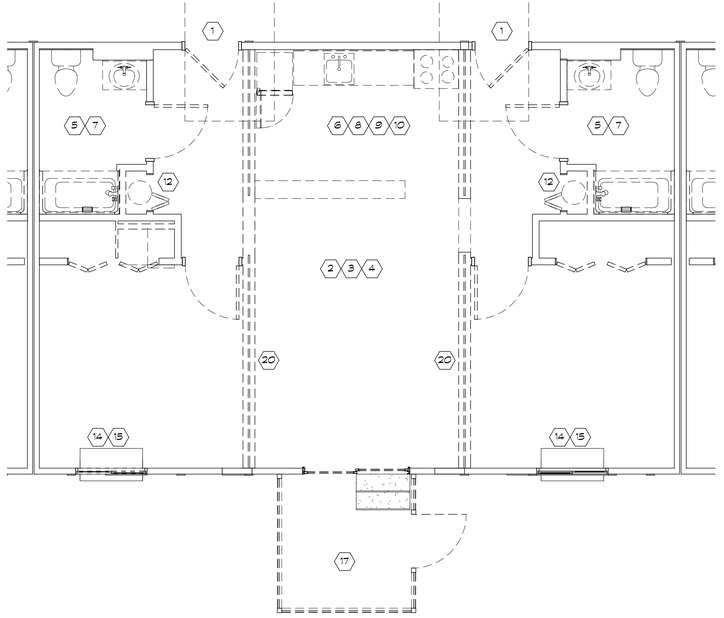
1-AD.113



3 / 1-AD.511 — UNIT A DEMOLITION
SCALE: 1/4" = 1'-0"



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



1 / 1-AD.511 — 2 BEDROOM TO 2 TYPE H STUDIO CONVERSION - 600 WING
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.
2	REMOVE CARPET, PAD, BASE, & TACK STRIPS AND/OR ADHESIVE. PATCH AND PREPARE SURFACE FOR NEW FLOORING AND BASE. SEE A.701 FOR FINISHES
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4	REMOVE LIGHT FIXTURES. CIRCUITS & WIRING TO REMAIN WHERE NEW FIXTURE SCHEDULED FOR THE SAME LOCATION. SEE ELECTRICAL DRAWINGS.
5	REMOVE LAVATORY AND VANITY, TOILET, TUB OR SHOWER AND SURROUND. VERIFY EXTENT OF PLUMBING DEMO W/ PLUMBING DRAWINGS.
6	REMOVE SINK, FAUCET, DISPOSAL/DRAIN, AND ACCESSORIES. VERIFY EXTENT OF PLUMBING LINE DEMO W/ PLUMBING DRAWINGS.
7	REMOVE TOILET ACCESSORIES, INCLUDING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS AND TOILET PAPER DISPENSER
8	REMOVE COUNTERTOPS W/ BACK AND SIDE SPLASHES, AND BASE AND WALL CABINETS.
9	REMOVE EXISTING REFRIGERATOR.
10	REMOVE EXISTING RANGE, RANGE HOOD AND GREASE SHIELD.
11	REMOVE CABINET SOFFITS AND SOFFIT FRAMING, EXCEPT WHERE NEW SOFFIT SHOWN AT SAME LOCATION. SEE CEILING NEW WORK PLANS.
12	REMOVE MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS FOR WORK.
13	REMOVE CEILING TILES & GRID, DROPS AT SKYLIGHTS, AND LIGHT FIXTURES. LIFE SAFETY DEVICES TO REMAIN, TO BE REINSTALLED IN NEW CEILING.
14	REMOVE EXISTING WINDOW OR PATIO DOOR
15	REMOVE EXISTING TRIM BOARDS PROJECTING FROM FACE OF WOOD SIDING, TO PREP FOR NEW WINDOWS AND EXTERIOR FINISH.
16	REMOVE FASCIAS, SOFFITS, GUTTERS, AND DOWNSPOUTS
17	REMOVE CONCRETE STAIR AND METAL HANDRAIL. REMOVE ENCLOSED PORCH AND ROOF WHERE IT OCCURS, DOWN TO EXISTING PATIO SLAB.
18	REMOVE MAIL BOXES AND MAILBOX ENCLOSURE
19	REMOVE WALLPAPER OR WALLPAPER BORDER, AND CROWN MOLDING TRIM
20	REMOVE DIVIDER WALL, BUILT-INS OR COUNTERS
21	ENLARGE OR CUT NEW WALL OPENING. SEE NEW WORK PLANS.
22	REMOVE WINDOW TREATMENTS
23	REMOVE TEXTURED CEILING TREATMENT AT AREA OF WORK. PATCH AND PRIME FOR NEW PAINTED FINISH.
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.
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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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

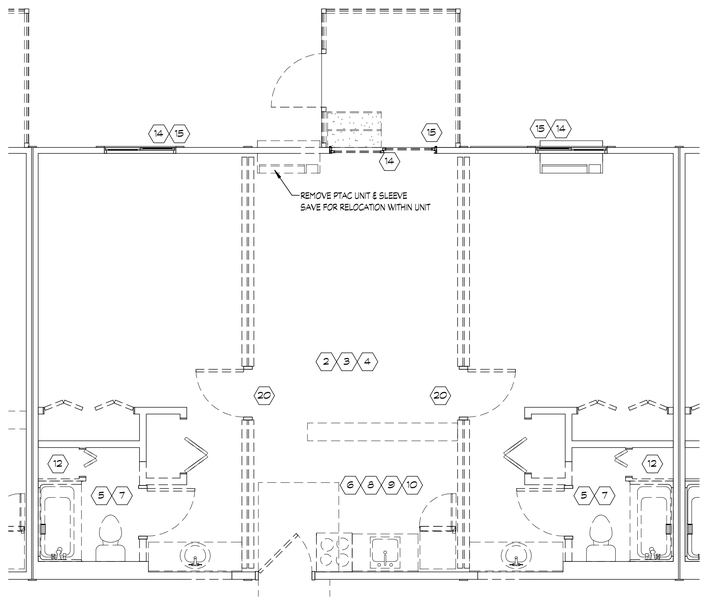
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT DEMOLITION PLANS

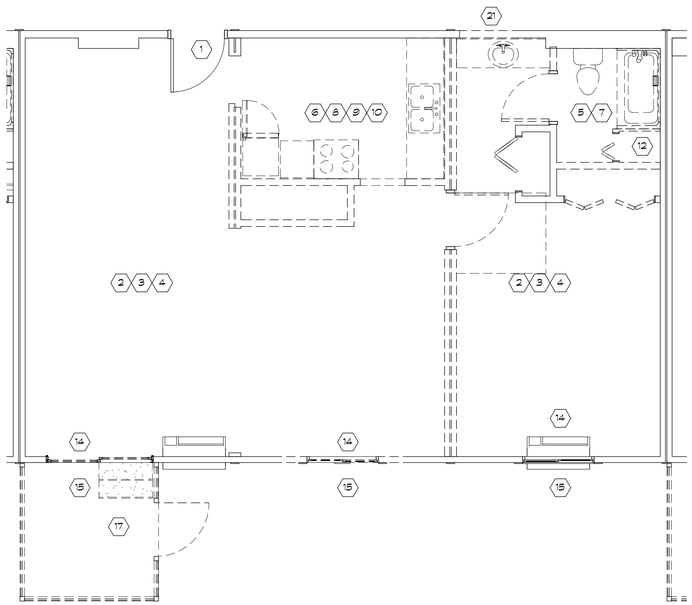
DRAWING NUMBER

1-AD.511



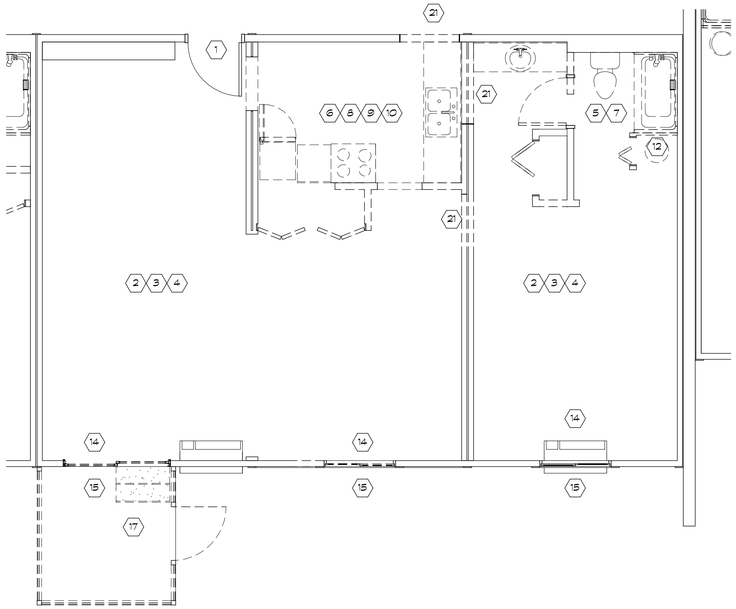
3 / 1-AD.512 — 2 BEDROOM TO TYPE L STUDIOS CONVERSION - 500 WING

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



2 / 1-AD.512 — 1 BEDROOM GR TO 2 TYPE K STUDIOS CONVERSION

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



1 / 1-AD.512 — 1 BR GREAT ROOM TO 1 BR TYPE A + BONUS CONVERSION

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

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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.
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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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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.
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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 SCHMIDT — LICENSED PROFESSIONAL ARCHITECT — NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

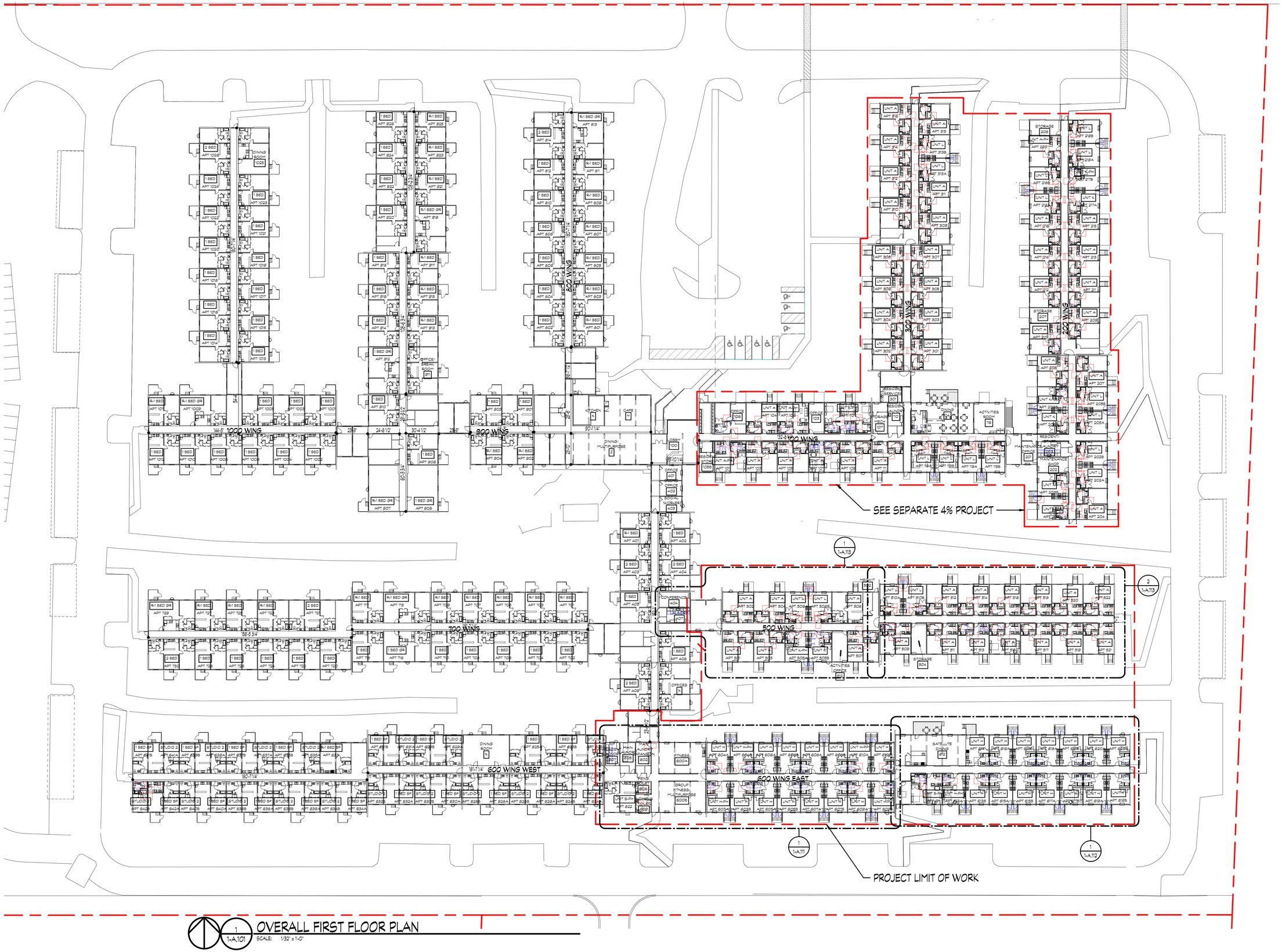
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT DEMOLITION PLANS

DRAWING NUMBER

1-AD.512



1 1-A.101 OVERALL FIRST FLOOR PLAN
SCALE: 1/32" = 1'-0"

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
09.07.25	BIDS & PERMITS

KEY PLAN

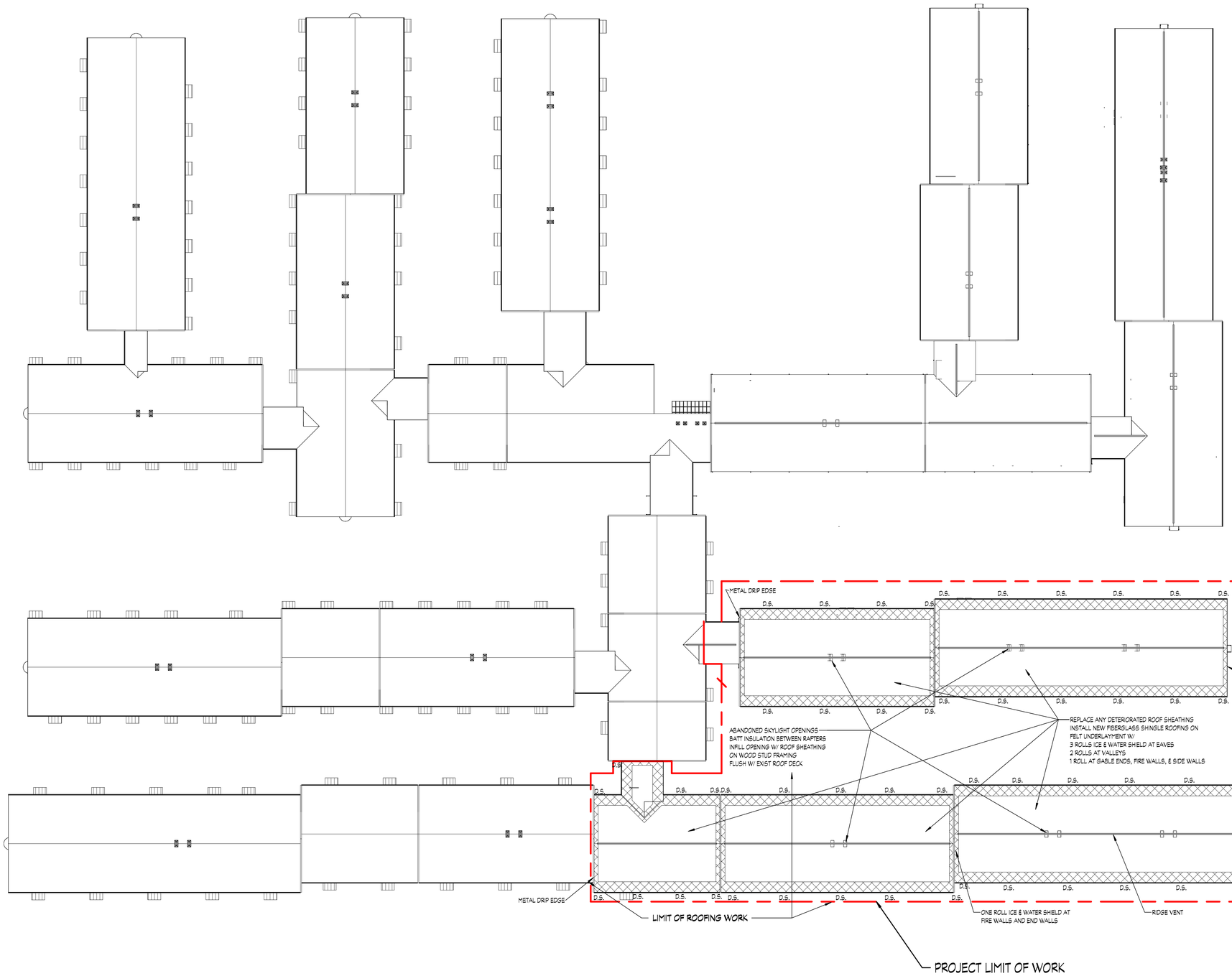
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR PLAN

DRAWING NUMBER

1-A.101



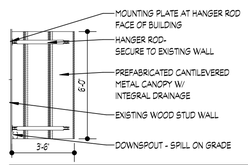
ROOF PLAN

1 / 1-A.109 — SCALE: 1/32" = 1'-0"

NORTH

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.

ENLARGED CANOPY PLAN

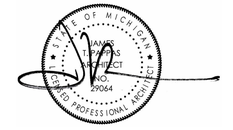
2 / 1-A.109 — SCALE: 1/4" = 1'-0"

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

MICHIGAN

WESTLAND

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ROOF PLAN

DRAWING NUMBER

1-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.

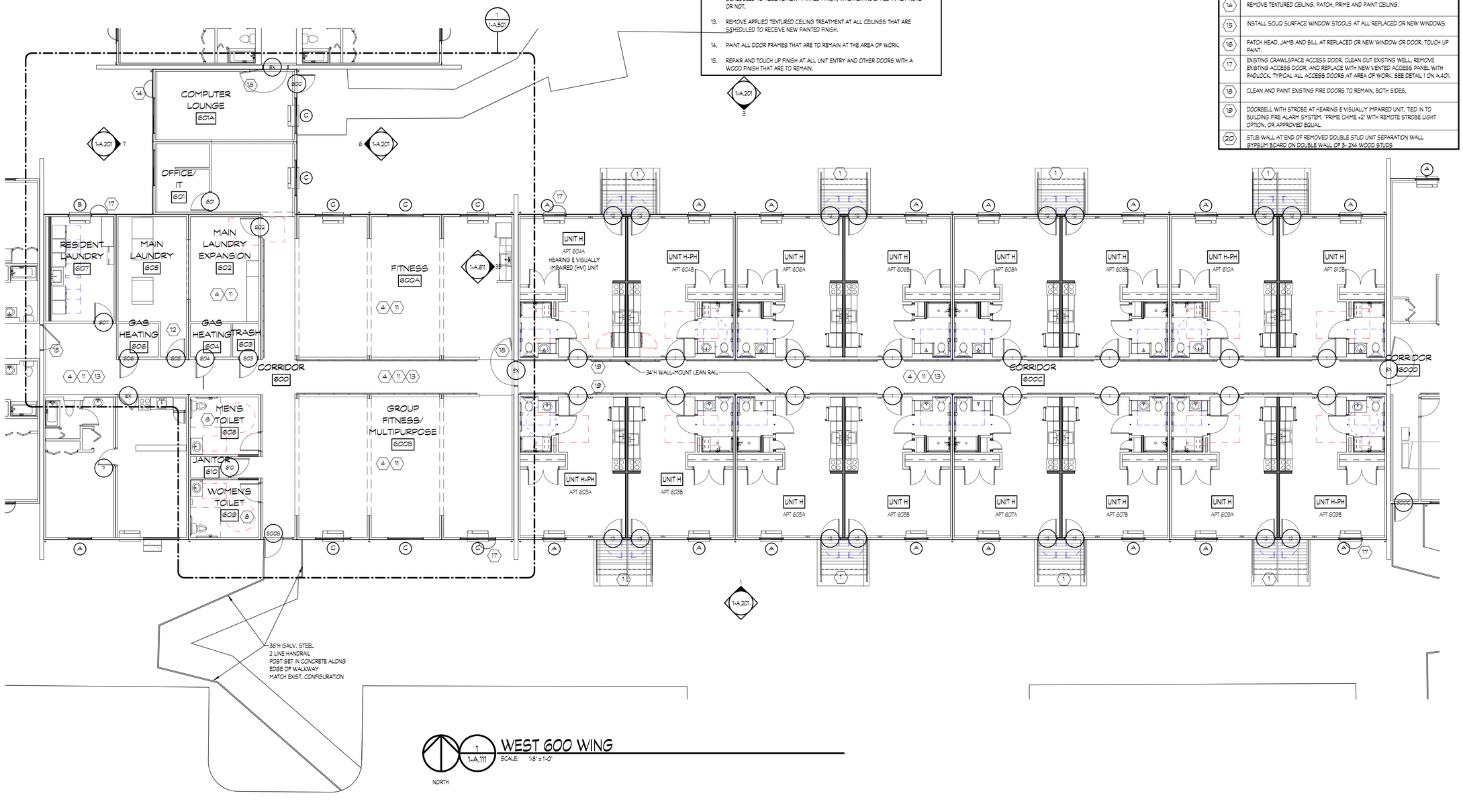
WALL LEGEND:

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 1-A.111 WEST 600 WING
SCALE: 1/8" = 1'-0"

NORTH

FSP FUSCO, SHAFFER & PAPPAS, INC.
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 JAMES THOMAS PROJECT NO. 29064 REGISTERED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
09.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FLOOR PLAN - 600 WING

DRAWING NUMBER

1-A.111

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.
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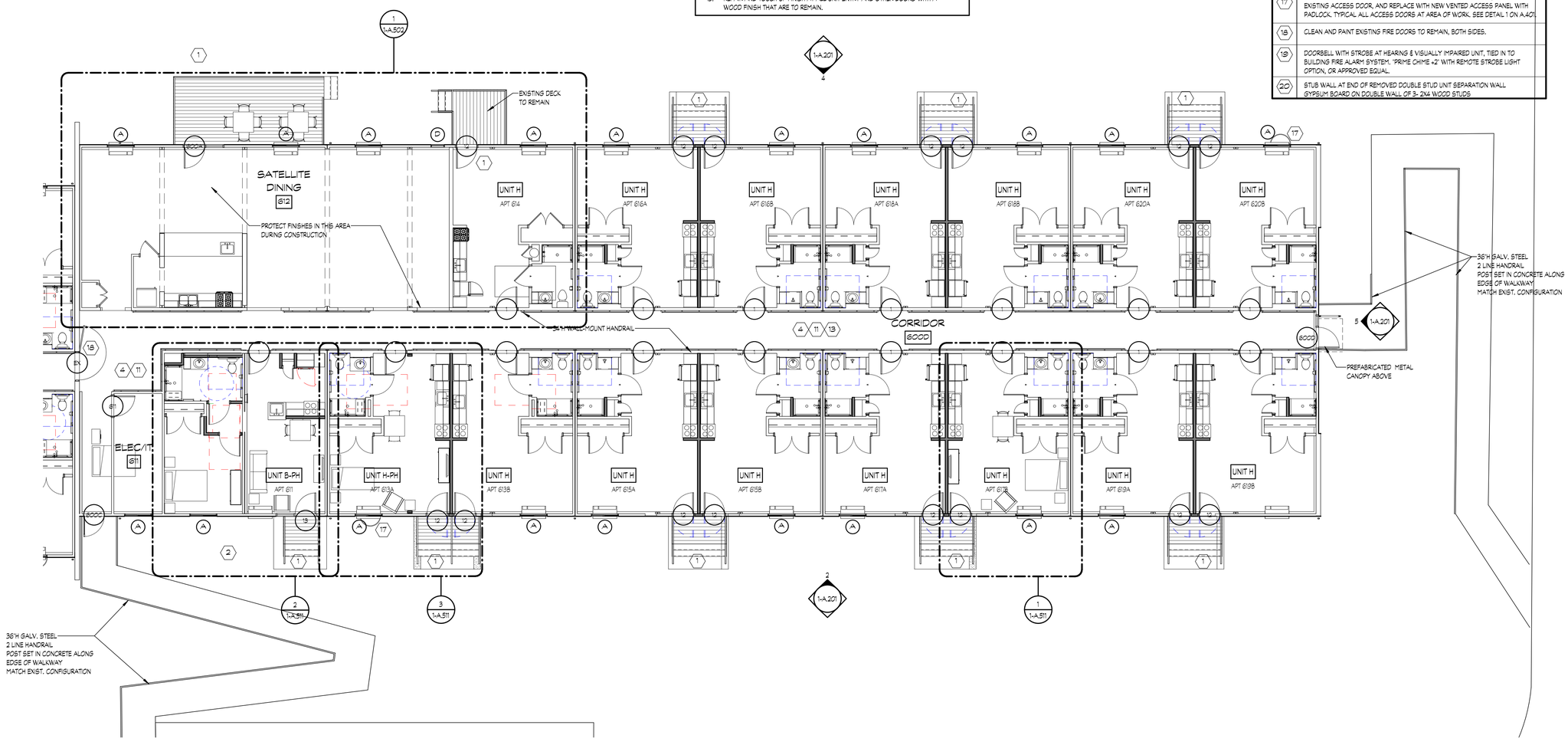
WALL LEGEND:

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.

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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



1 1-A.112 NORTH

EAST 600 WING

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

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ARCHITECTS AND PLANNERS

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
08.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

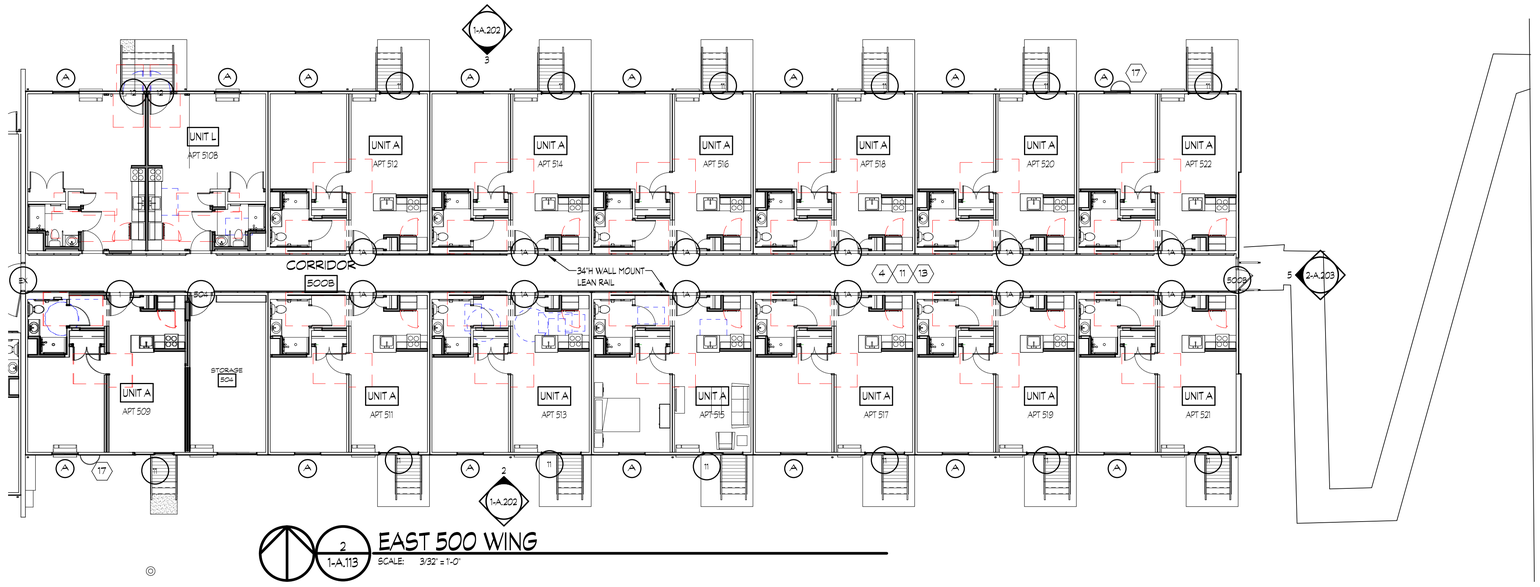
FSP PROJECT NO.
PVM21.072

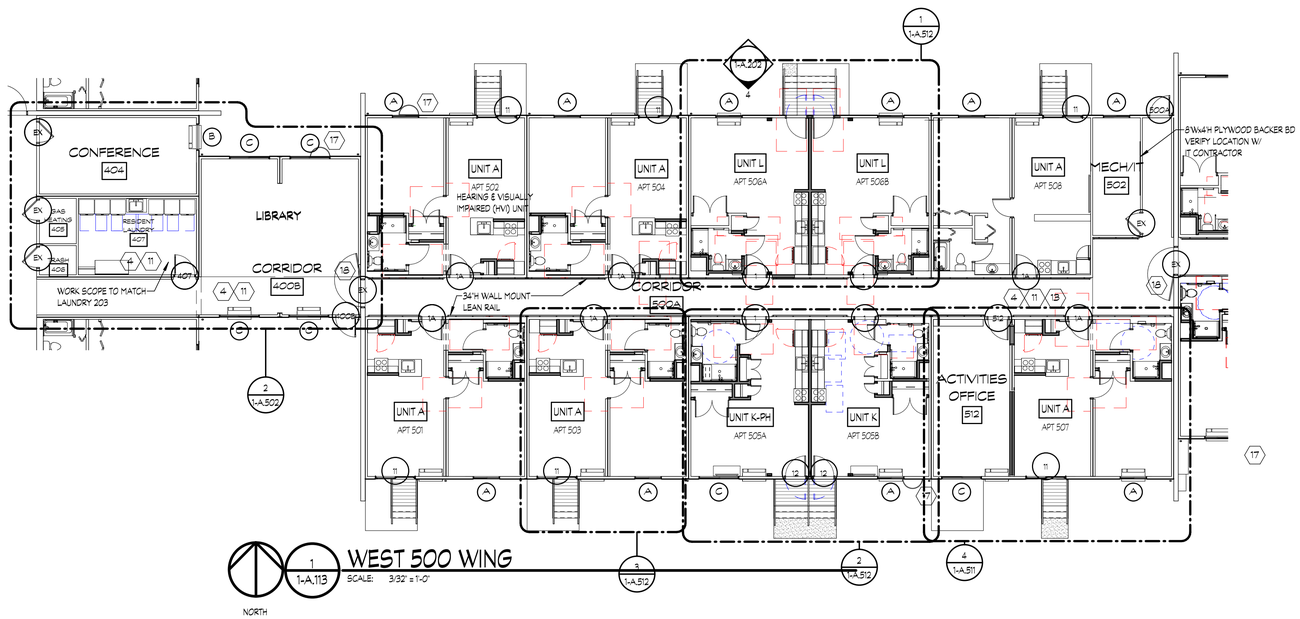
DRAWING TITLE

PARTIAL FLOOR PLAN - 600 WING

DRAWING NUMBER

1-A.112





GENERAL PLAN NOTES:

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EXISTING DOOR TO REMAIN	EX
EXISTING WINDOW TO REMAIN	EX
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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
03.07.25	PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL FLOOR PLAN - 500 WING

DRAWING NUMBER

1-A.113

VINYL SIDING SCHEDULE

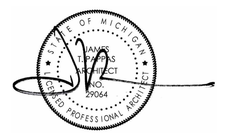
ALLOW FOR 3 SIDING COLORS
MIXED AT EACH BUILDING WING
INCLUDING 1 "PREMIUM" COLOR
(NO MORE THAN 25% OF TOTAL SIDING AREA)

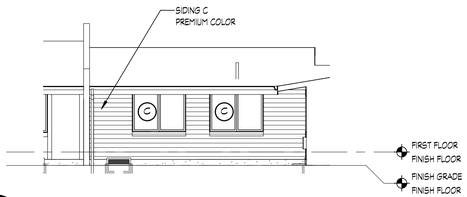
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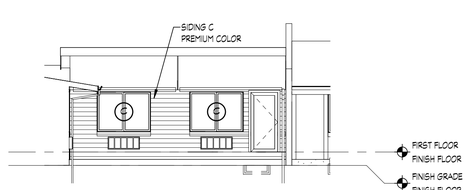
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SEAL

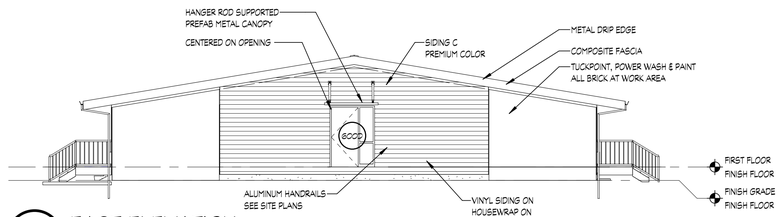




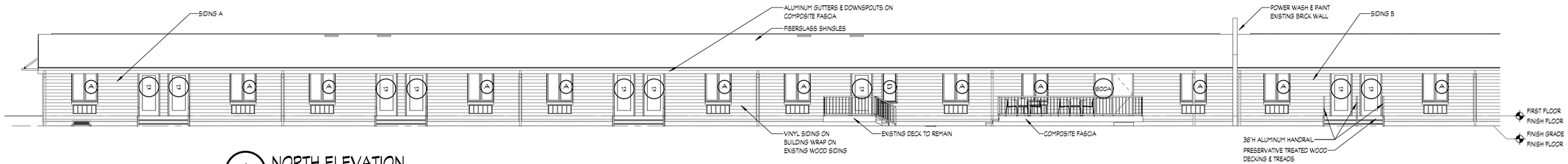
7 / 1-A.201 PARTIAL WEST ELEVATION
SCALE: 1/8" = 1'-0"



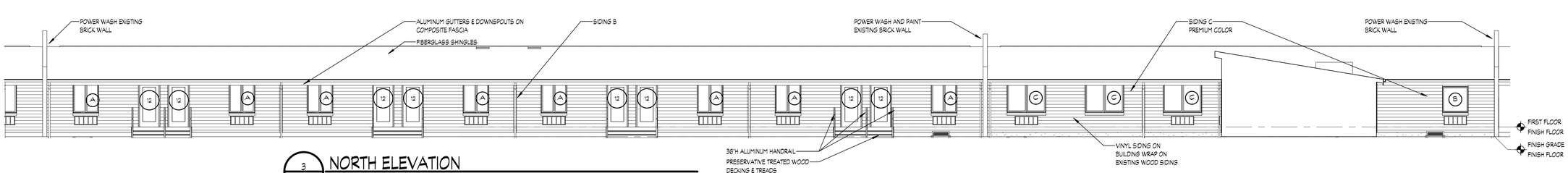
6 / 1-A.201 PARTIAL EAST ELEVATION
SCALE: 1/8" = 1'-0"



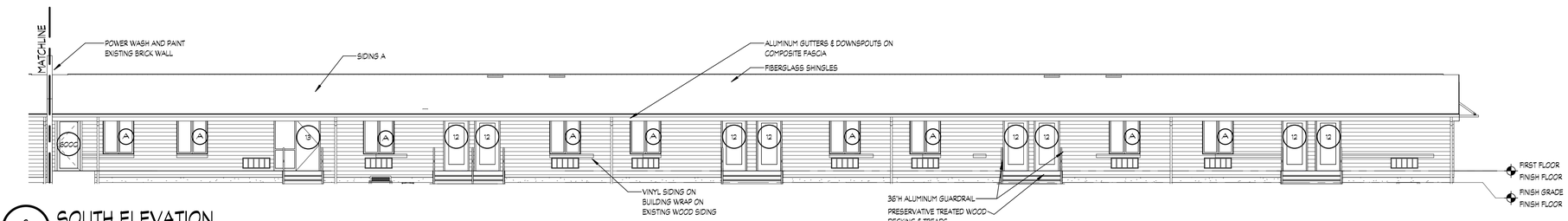
5 / 1-A.201 EAST ELEVATION
SCALE: 1/8" = 1'-0"



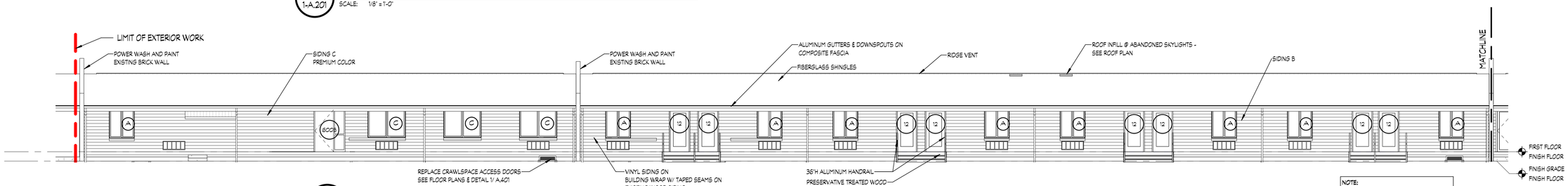
4 / 1-A.201 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 / 1-A.201 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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



1 / 1-A.201 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND
MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
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KEY PLAN

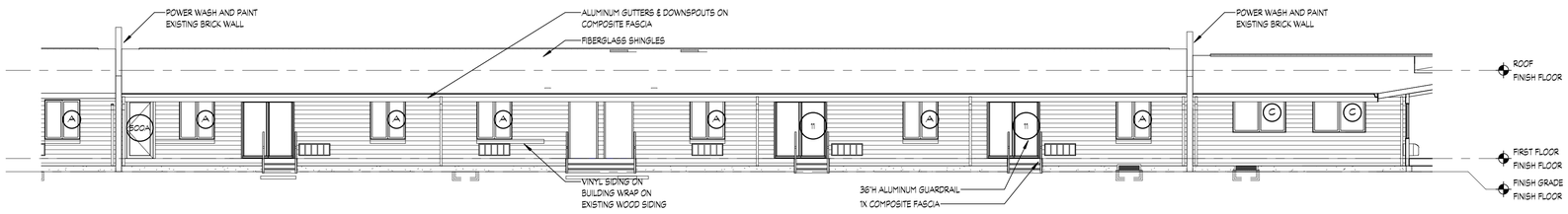
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ELEVATIONS - 600 WING

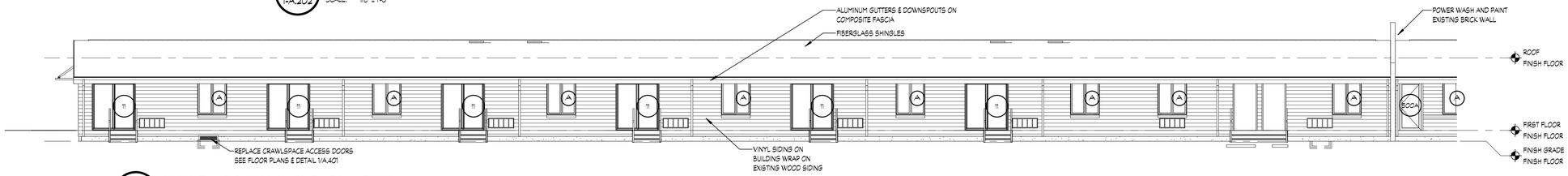
DRAWING NUMBER

1-A.201



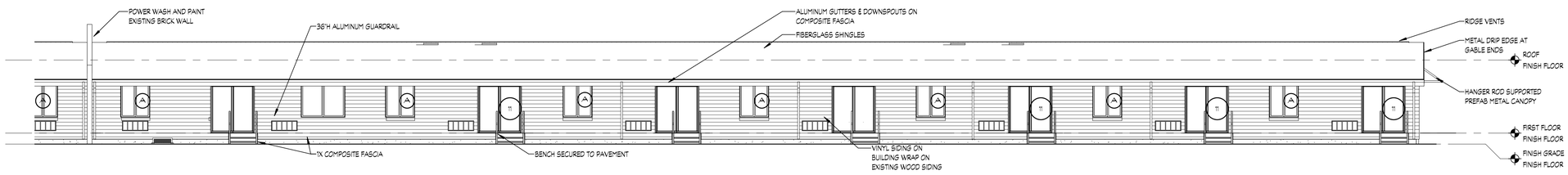
4 1-A.202 **NORTH 500 WING ELEVATION**

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



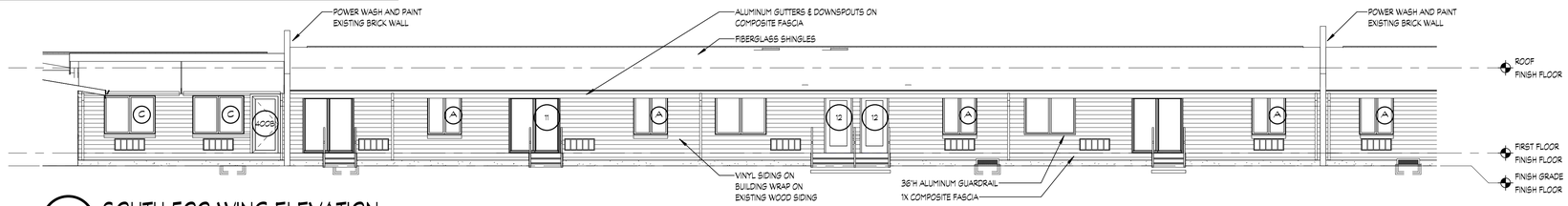
3 1-A.202 **NORTH 500 WING ELEVATION**

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



2 1-A.202 **SOUTH 500 WING ELEVATION**

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



1 1-A.202 **SOUTH 500 WING ELEVATION**

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

FSP FUSCO, SHAFFER & PAPPAS, INC.
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
JAMES TERRAS
ARCHITECT
LIC. 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
03.07.25	PERMITS

KEY PLAN

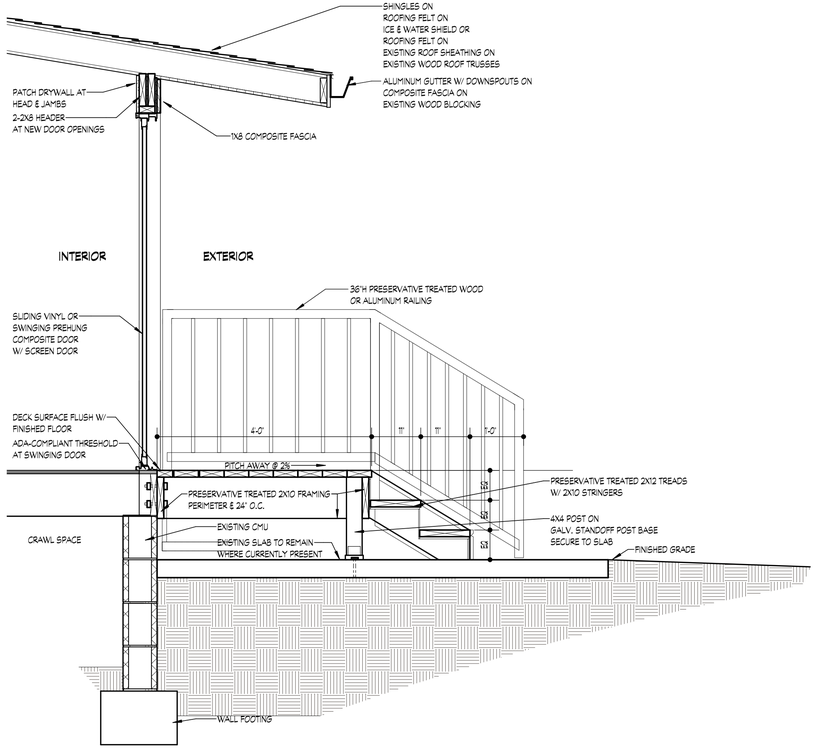
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ELEVATIONS - 500 WING

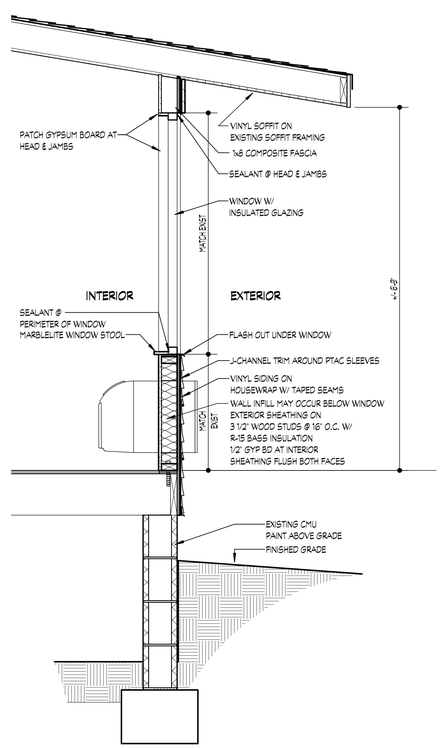
DRAWING NUMBER

1-A.202



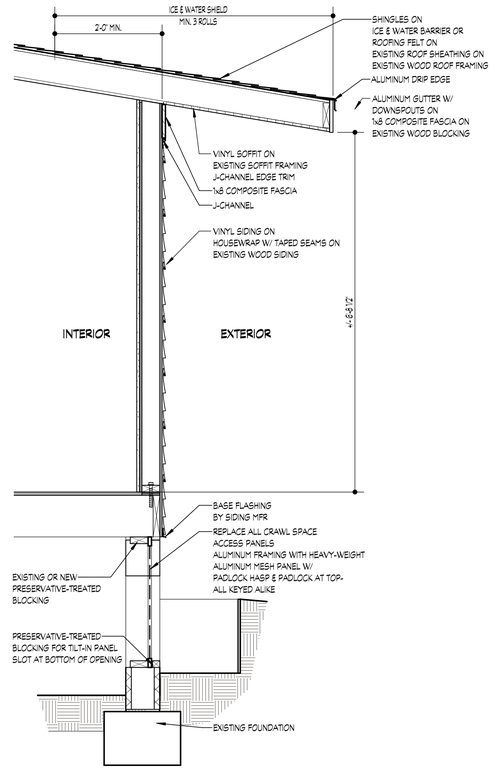
3 1-A.401 WALL SECTION AT EXTERIOR STAIR

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



2 1-A.401 WALL SECTION AT WINDOW

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



1 1-A.401 WALL SECTION

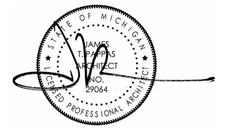
SCALE: 3/4" = 1'-0"

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

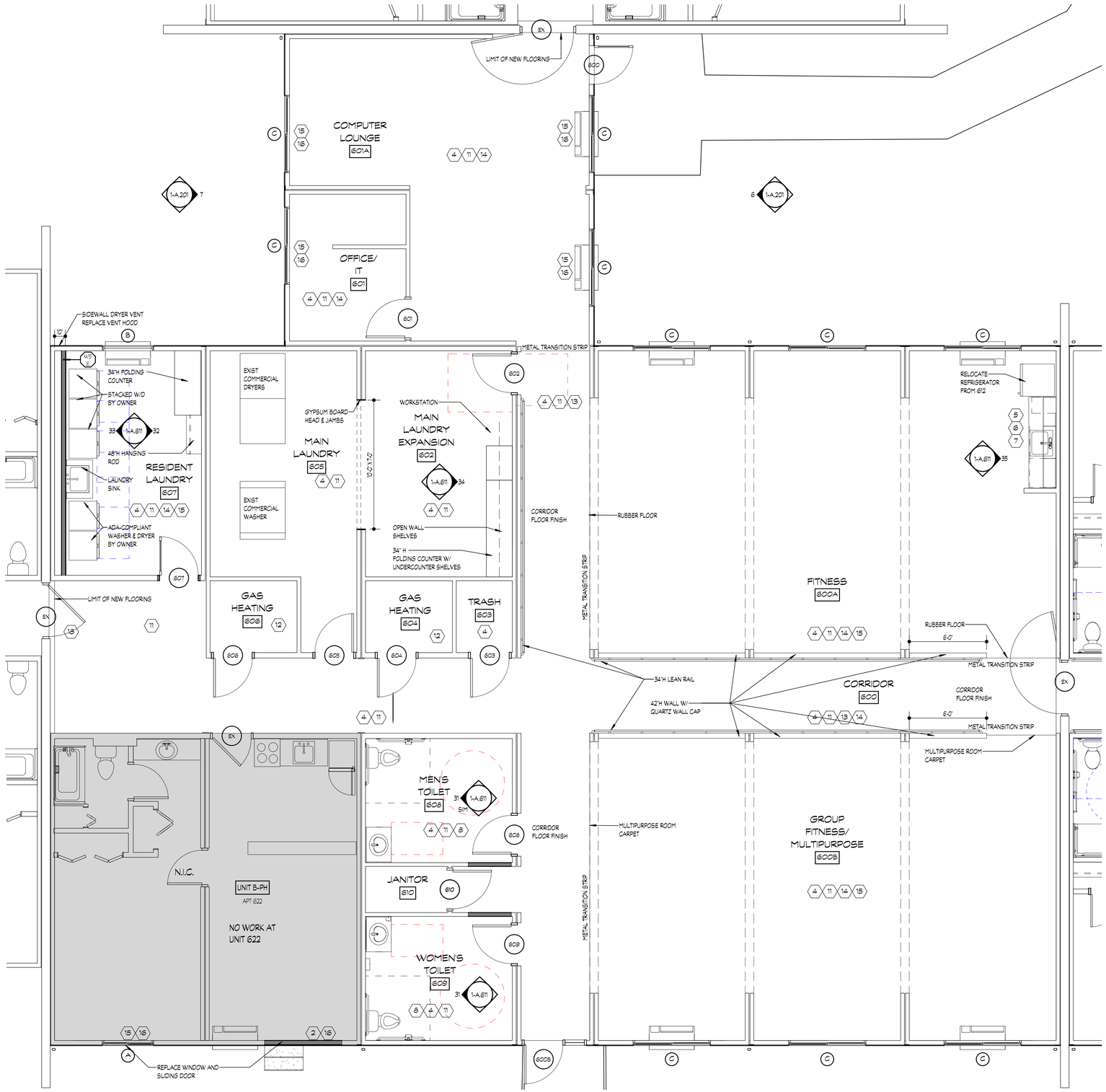
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WALL SECTIONS

DRAWING NUMBER

1-A.401



1 / 1-A.501 COMMON AREA
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 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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TAMMY L. PAPPAS
REGISTERED
NO. 29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

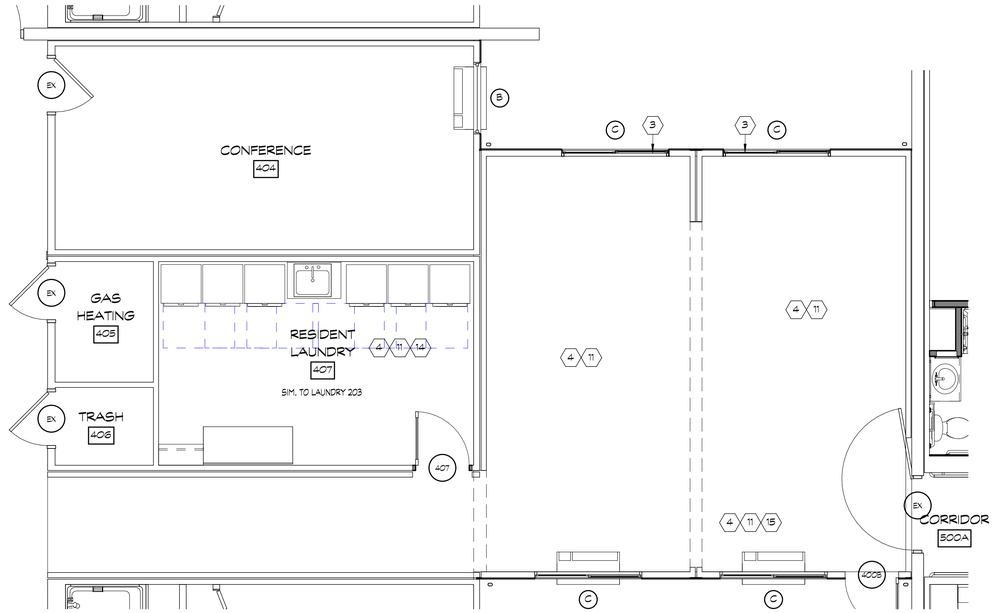
DATE	ISSUE
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11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

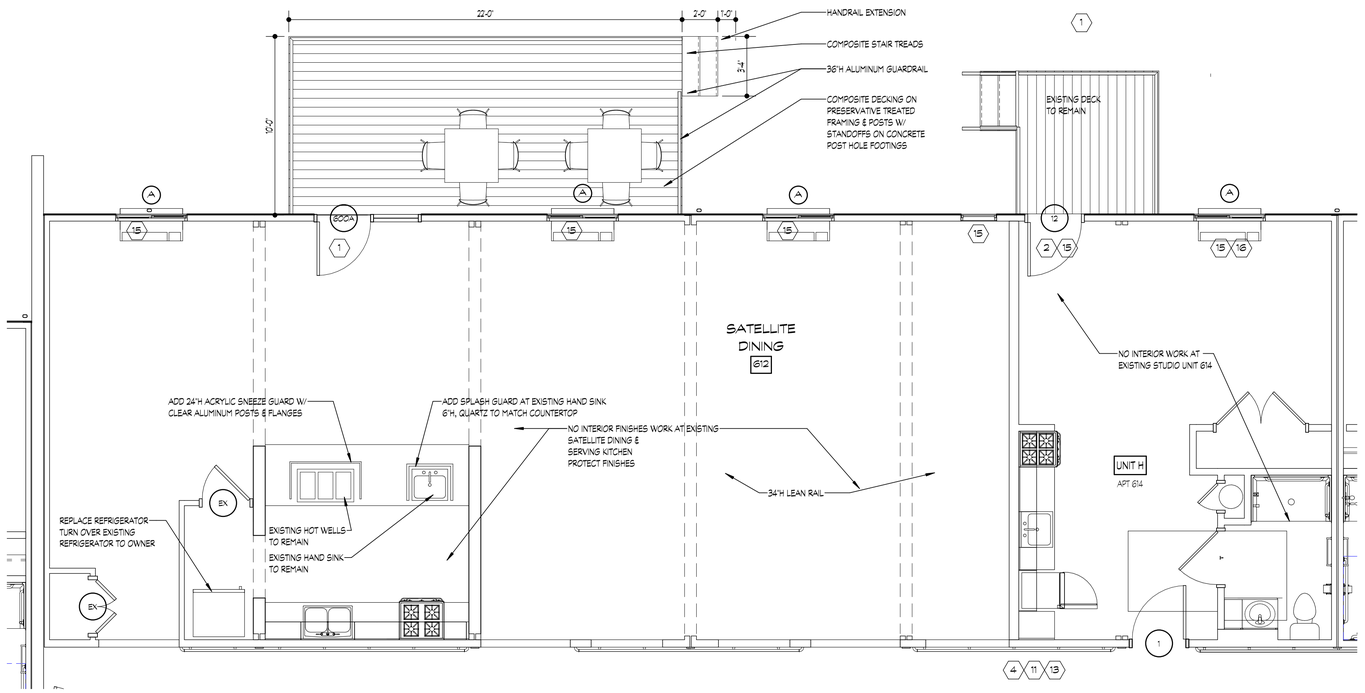
DRAWING TITLE
ENLARGED PLANS

DRAWING NUMBER
1-A.501



2 / 1-A.502 **400 & 500 WING CONNECTION**

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



1 / 1-A.502 **SATELLITE DINING**

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"
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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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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:

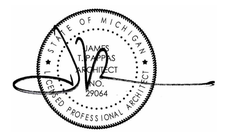
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20	STUB WALL AT END OF REMOVED DOUBLE STUD UNIT SEPARATION WALL GYPSUM BOARD ON DOUBLE WALL OF 3- 2X4 WOOD STUDS

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ARCHITECTS AND PLANNERS

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

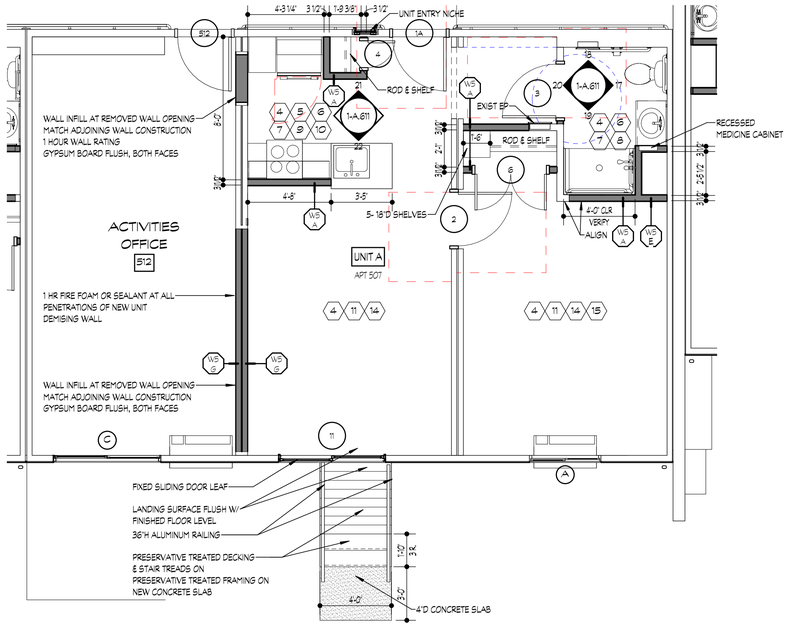
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ENLARGED PLANS

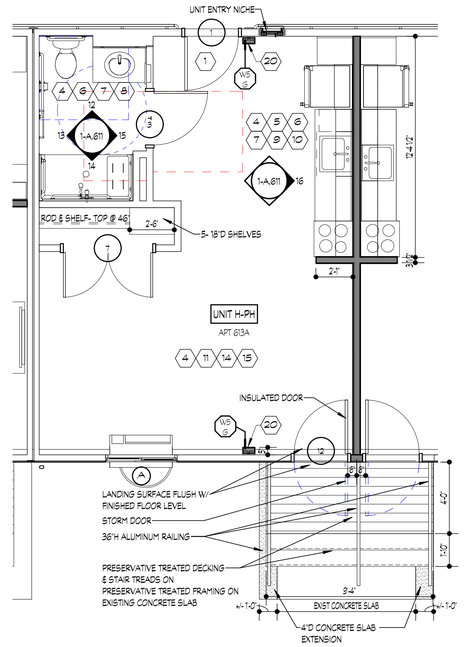
DRAWING NUMBER

1-A.502



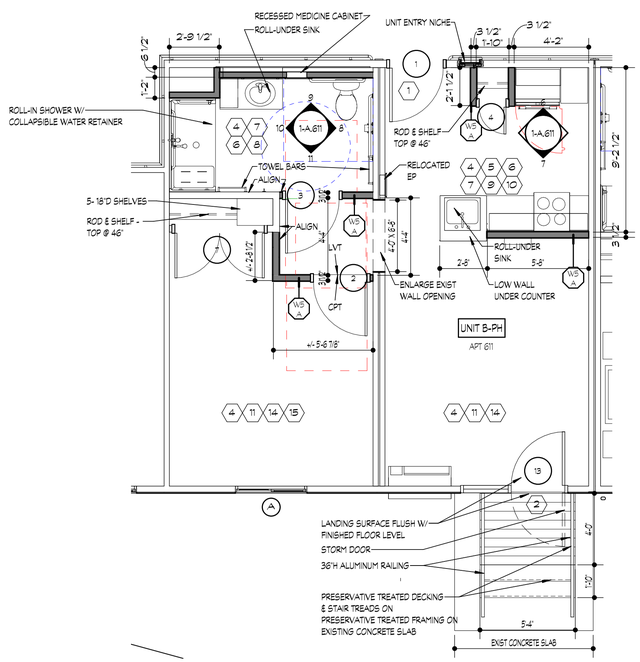
4 / 1-A.511 UNIT A + SUPPORT SPACE

SCALE: 1/4" = 1'-0" CONVERSION FROM 1 BR GREAT ROOM



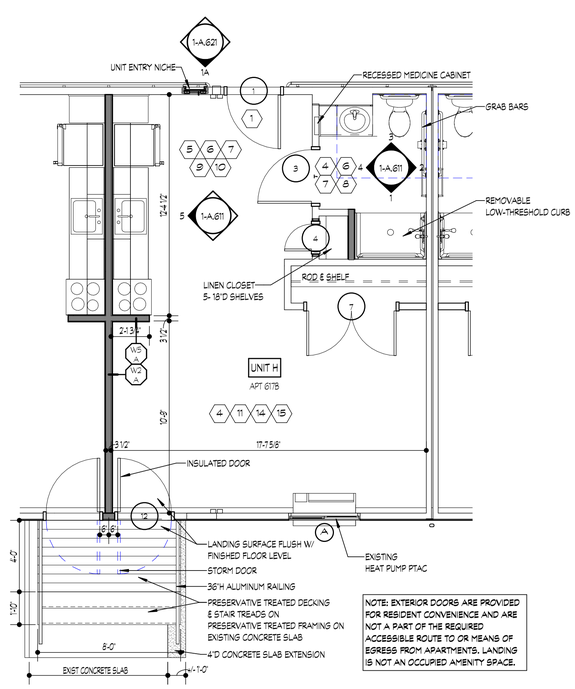
3 / 1-A.511 UNIT H-PH - STUDIO ACCESSIBLE

SCALE: 1/4" = 1'-0" CONVERSION FROM 2 BEDROOM CL (600 WING)



2 / 1-A.511 UNIT B-PH - 1 BR ACCESSIBLE

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



NOTE: EXTERIOR DOORS ARE PROVIDED FOR RESIDENT CONVENIENCE AND ARE NOT A PART OF THE REQUIRED ACCESSIBLE ROUTE TO OR MEANS OF EGRESS FROM APARTMENTS. LANDING IS NOT AN OCCUPIED AMENITY SPACE.

1 / 1-A.511 UNIT H - STUDIO

SCALE: 1/4" = 1'-0" CONVERSION FROM 2 BEDROOM CL (600 WING)

GENERAL PLAN NOTES:

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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	

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
09.07.25	BIDS & PERMITS
08.24.23	DESIGN DEVELOPMENT

KEY PLAN

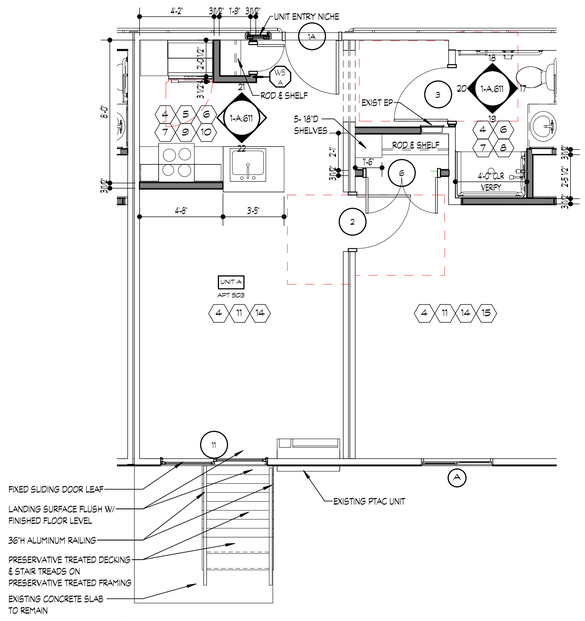
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT PLANS

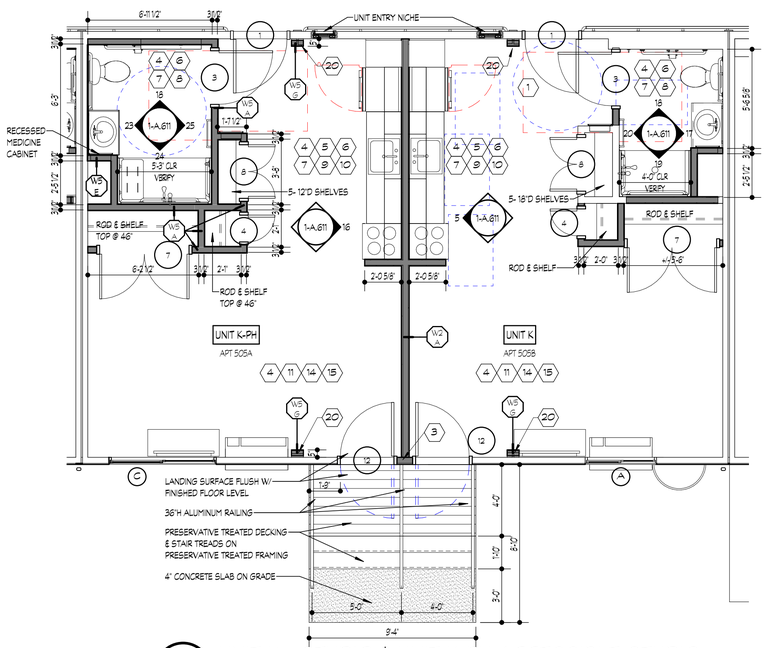
DRAWING NUMBER

1-A.511



3 / 1-A.512 **UNIT A - 1 BEDROOM**

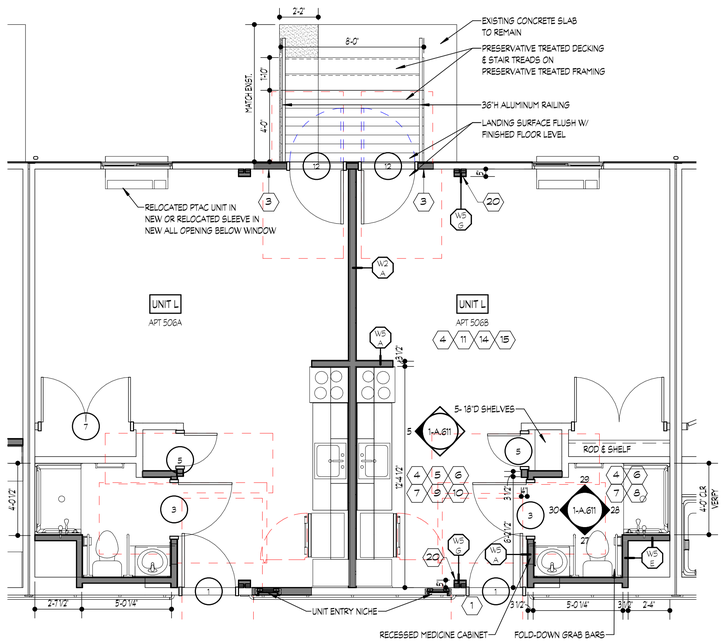
SCALE: 1/4" = 1'-0"



2 / 1-A.512 **UNIT K - STUDIO & UNIT K-PH ACCESSIBLE STUDIO**

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

CONVERSION FROM 1 BR GREAT ROOM



1 / 1-A.512 **UNIT L - STUDIOS**

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

CONVERSION FROM 2 BEDROOM (500 WING)

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

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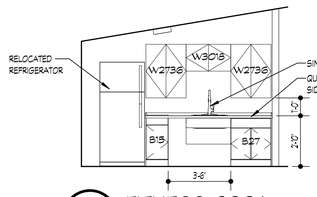
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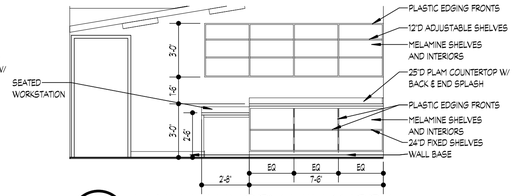
UNIT PLANS

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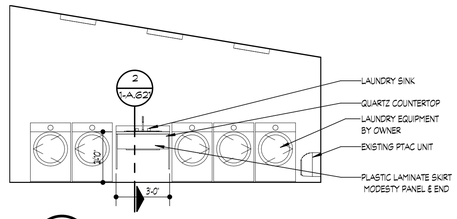
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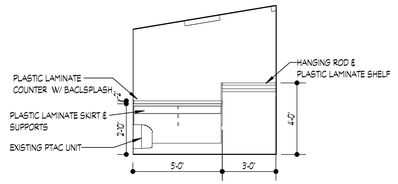
35 1-A.611 **FITNESS 600A**
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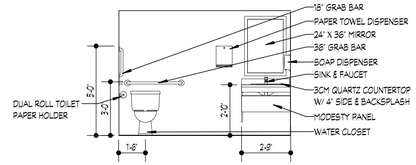
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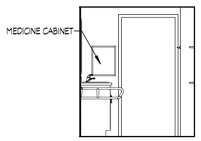
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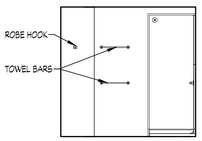
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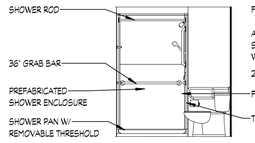
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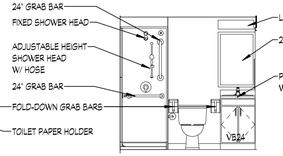
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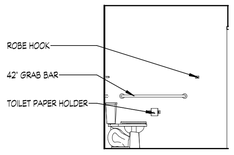
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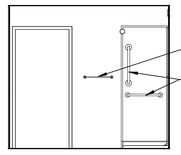
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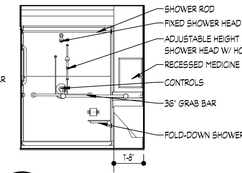
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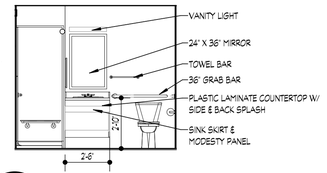
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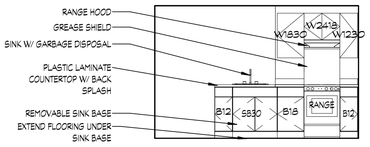
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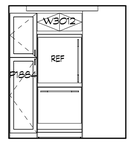
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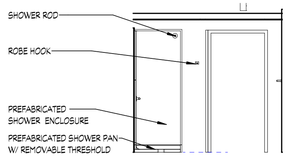
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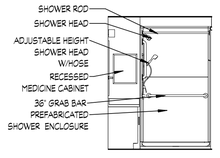
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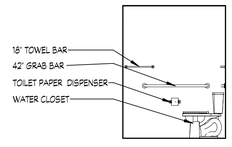
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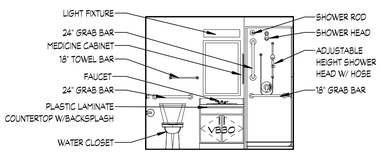
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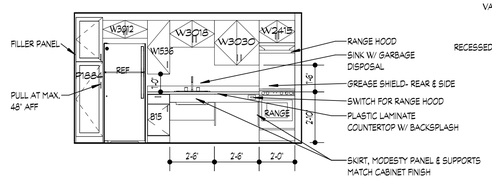
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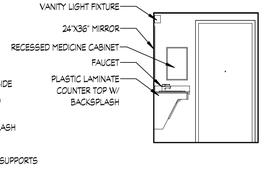
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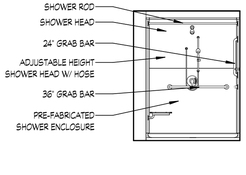
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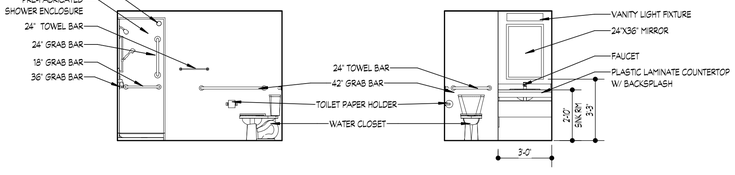
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15 1-A.611 **H-PH BATHROOM**
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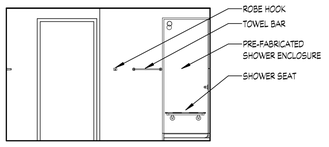


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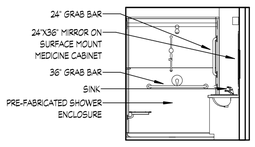


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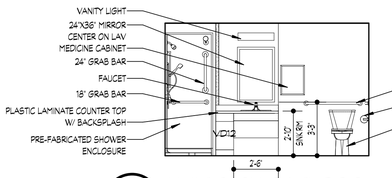
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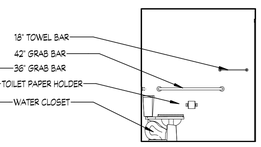
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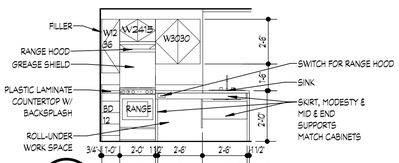
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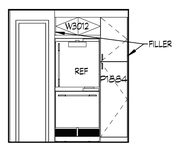
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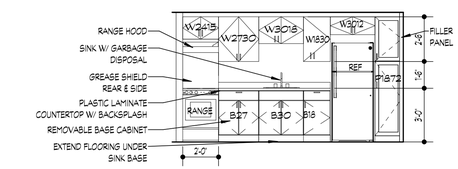
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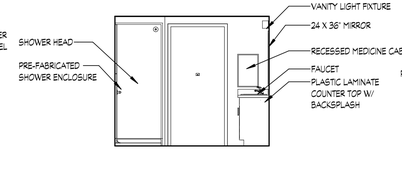
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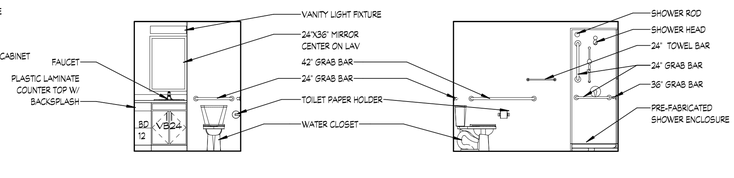
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5 1-A.611 **UNIT H, K & L KITCHEN**
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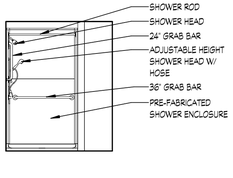


4 1-A.611 **UNIT H BATHROOM**
SCALE: 1/4" = 1'-0"



3 1-A.611 **UNIT H BATHROOM**
SCALE: 1/4" = 1'-0"

2 1-A.611 **UNIT H BATHROOM**
SCALE: 1/4" = 1'-0"



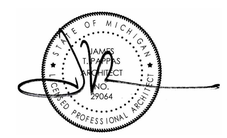
1 1-A.611 **UNIT H BATHROOM**
SCALE: 1/4" = 1'-0"

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

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

INTERIOR ELEVATIONS

DRAWING NUMBER

1-A.611

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.

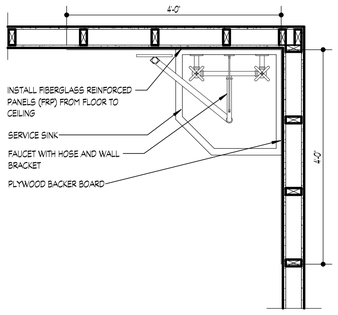
   ALL CASEWORK CABINET DOORS TO HAVE CONCEALED HINGES.
7. ALL CABINETS INDICATED ARE PLASTIC LAMINATED, U.N.O.
8. PROVIDE AND INSTALL FINISHED END/SIDE PANEL ON ALL EXPOSED CABINET ENDS/SIDES.
9. PROVIDE AND INSTALL WALL BRACKET SUPPORTS AT 48" O.C. MAX TO SUPPORT COUNTERTOP AT CONTINUOUS KNEE SPACE UNLESS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

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

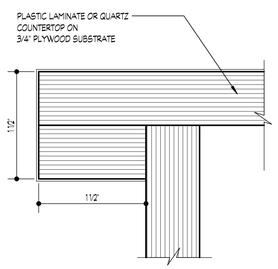
    PROVIDE AND INSTALL ADJUSTABLE SHELVES IN CABINETS AT THE FOLLOWING LOCATIONS UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS:
11. a. BASE CABINET - 1 SHELF
    b. FULL HEIGHT CABINET - 5 SHELVES, 1 FIXED
    c. WALL CABINET - 1 SHELF AT 24" HIGH CABINET
       2 SHELVES AT CABINETS OVER 24" HIGH.
    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.
12. ALL COUNTERTOPS WITH EXPOSED CORNERS TO HAVE A 1" RADIUS.

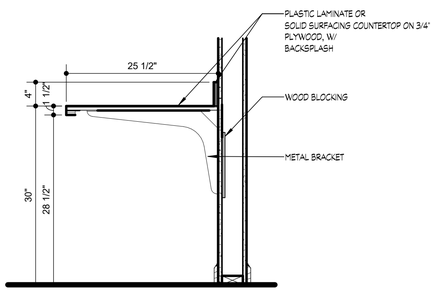
    ALL PLASTIC LAMINATE COUNTERTOPS WITH INSET SINKS SHALL HAVE A
13. WATER-RESISTANT PARTICLE BOARD CORE, WITH ALL CUT EDGES SEALED.
14.
15.



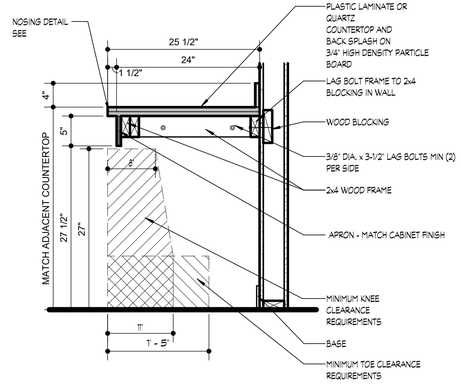
13 / 1-A.621 PARTIAL JANITOR CLOSET
SCALE: 3/4" = 1'-0"



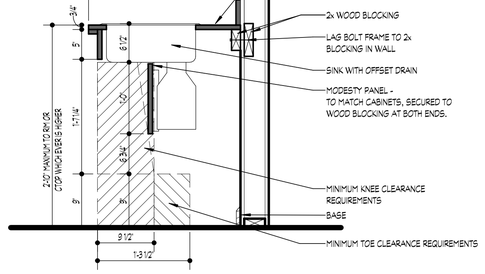
12 / 1-A.621 COUNTERTOP NOSING SECTION
SCALE: 12" = 1'-0"



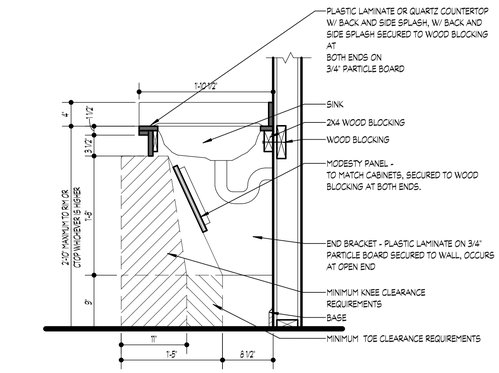
11 / 1-A.621 COUNTER SECTION
SCALE: 1" = 1'-0"



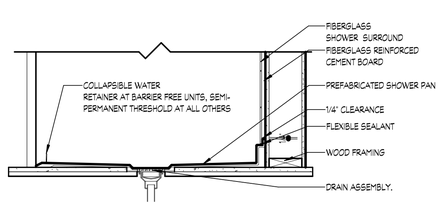
10 / 1-A.621 BARRIER FREE WORKSURFACE
SCALE: 1" = 1'-0"



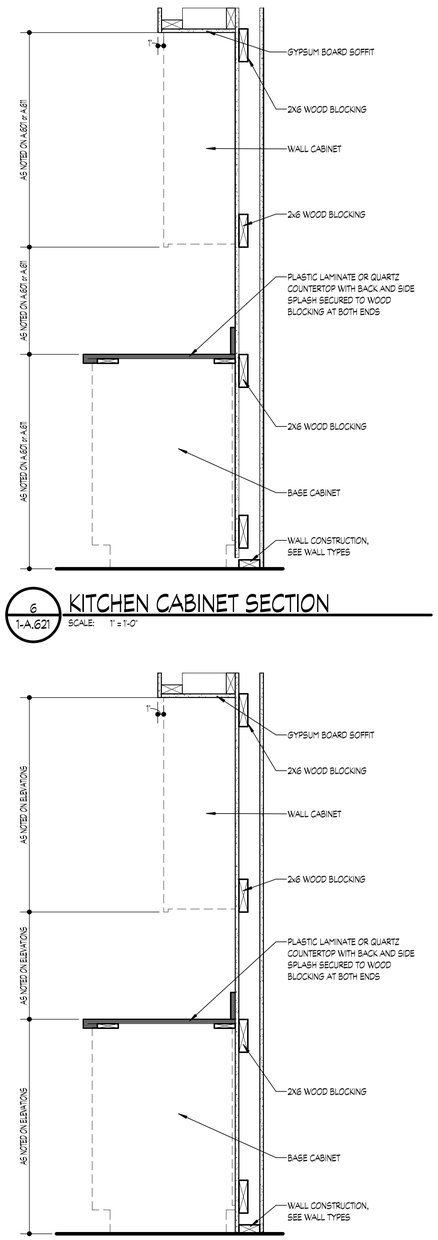
9 / 1-A.621 ACCESSIBLE KITCHEN SINK SECTION
SCALE: 1" = 1'-0"



6 / 1-A.621 ACCESSIBLE LAVATORY SECTION
SCALE: 1" = 1'-0"

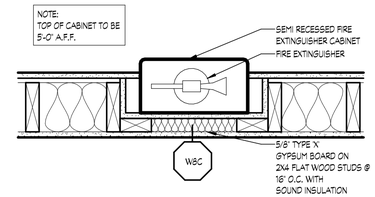


7 / 1-A.621 SHOWER PAN
SCALE: 1" = 1'-0"

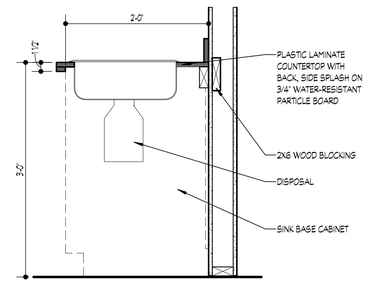


6 / 1-A.621 KITCHEN CABINET SECTION
SCALE: 1" = 1'-0"

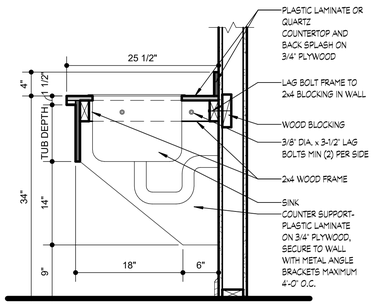
5 / 1-A.621 CASEWORK SECTION
SCALE: 1" = 1'-0"



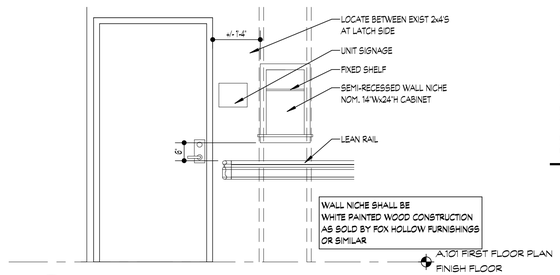
4 / 1-A.621 FIRE EXTINGUISHER CABINET
SCALE: 1 1/2" = 1'-0"



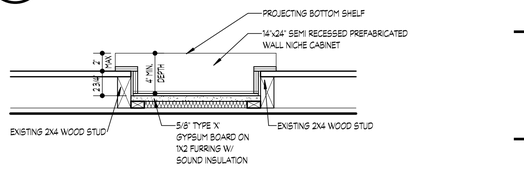
3 / 1-A.621 KITCHEN SINK SECTION
SCALE: 1" = 1'-0"



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



1A / 1-A.621 UNIT ENTRY ELEVATION
SCALE: 1/2" = 1'-0"



1 / 1-A.621 UNIT ENTRY NICHE
SCALE: 1 1/2" = 1'-0"

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
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03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

INTERIOR DETAILS

DRAWING NUMBER

1-A.621

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. CONC.	LIGHTWEIGHT CONCRETE	PERIM.	PERIMETER
GA.	GAUGE			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

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	
--	BEDROOM	CPT	VINYL	GYP BD.	GYP. BD.		ESP	FP FP	
--	BEDROOM 2	CPT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	BATHROOM	LVT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
--	KITCHEN	LVT	VINYL	GYP BD.	GYP. BD.		ESP	FP	
600	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
600A	FITNESS	RUBBER	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
600B	GROUP FITNESS/ MULTIPURPOSE	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
600C	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
600D	CORRIDOR	LVT	MW VINYL	GYP BD.	ACT/ GYP. BD.		ESP	FP	
601	OFFICE/ IT	CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
601A	COMPUTER LOUNGE	LVT/CPT	MW VINYL	GYP BD.	EXIST. GYP. BD.		ESP	FP	
602	MAIN LAUNDRY EXPANSION	LVT	MW VINYL	GYP BD.	ACT		ESP	-	
603	TRASH	LVT	MW VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
604	GAS HEATING	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
605	MAIN LAUNDRY	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
606	GAS HEATING	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
607	RESIDENT LAUNDRY	CPT	MW VINYL	GYP BD.	ACT		ESP	-	
608	MEN'S TOILET	CT	CT	GYP BD.	EXIST. GYP. BD.		ESP	FP	
609	WOMEN'S TOILET	CT	CT	GYP BD.	EXIST. GYP. BD.		ESP	FP	
610	JANITOR	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
611	ELEC/IT	VCT	VINYL	GYP BD.	EXIST. GYP. BD.		SGP	ESP	
612	SATELLITE DINING	EXIST VCT	EXIST	EXIST.	EXIST. GYP. BD.		--	--	NO NEW FINISHES

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.

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

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FERNDALE, MICHIGAN, 48220
PHONE 248.543.4100 FAX 248.543.4141

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

ROOM FINISH SCHEDULE

DRAWING NUMBER

1-A.701

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 SCHLEGEL® 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.

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 IN 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.

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.

UNITS DOOR SCHEDULE

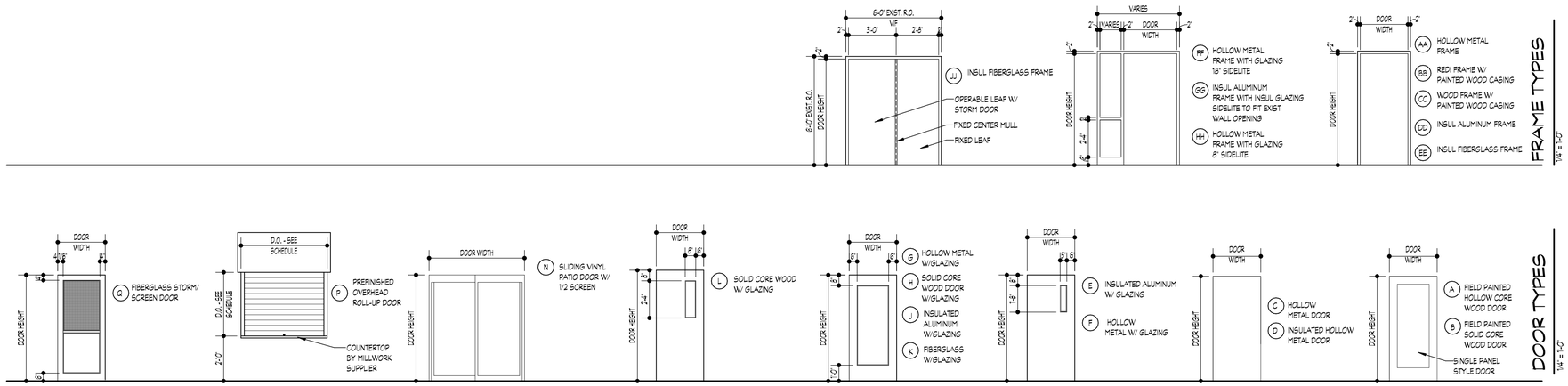
DOOR OR LITE NO.	DOOR SIZE W	H	T	TYPE	MATL	FRAME DETAILS HEAD	JAMB	SILL	SHEET	TYPE	MATL	HARDWARE	FIRE RATING LABEL / HRS.	KEY NOTES
1	3'-0"	6'-8"	1 3/4"	B	<varies>	4	3	-	A.712	BB	REDI	1	20 MIN	
1A	3'-0"	6'-8"	1 3/4"	B	<varies>	-	-	-	-	EX	EX	1	20 MIN	
2	3'-0"	6'-8"	1 3/8"	A	HC WD	4	3	5	A.712	BB	REDI	2	-	
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 9%

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
400B	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
407	3'-0"	6'-8"	1 3/4"	H	SCWD	-	-	-	-	EXIST	HM	21	20 MIN	
500A	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	12	-	4
500B	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	12	-	4
504	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	HM	14	20 MIN	
512	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	HM	14	20 MIN	
600	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7	A.712	DD	ALUM	11	-	
600A	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	11	-	
600B	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	7,6	A.712	GG	ALUM	12	-	4
600C	3'-0"	6'-8"	1 3/4"	J	ALUM	2	1	-	A.712	DD	ALUM		-	4
600D	3'-0"	6'-8"	1 3/4"	J	ALUM	9	8	6	A.712	GG	ALUM	11	-	
601	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	14	20 MIN	4
602	3'-0"	6'-8"	1 3/4"	C	HM	-	-	-	-	EXIST	HM	22	20 MIN	
603	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
604	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-		-	EXIST	HM	16	20 MIN	
605	3'-0"	6'-8"	1 3/4"	C	HM	-	-		-	EXIST	HM	22	20 MIN	
606	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
607	3'-0"	6'-8"	1 3/4"	H	SCWD	-	-	-	-	EXIST	HM	21	20 MIN	
608	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	REDI	18	20 MIN	
609	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	REDI	18	20 MIN	
610	3'-0"	6'-8"	1 3/4"	B	SCWD	-	-	-	-	EXIST	HM	16	20 MIN	
611	3'-0"	6'-8"	1 3/4"	B	SCWD	2	1	-	A.712	AA	HM	14	20 MIN	4

DOOR SCHEDULE KEY NOTES:

1. FIBERGLASS 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.



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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

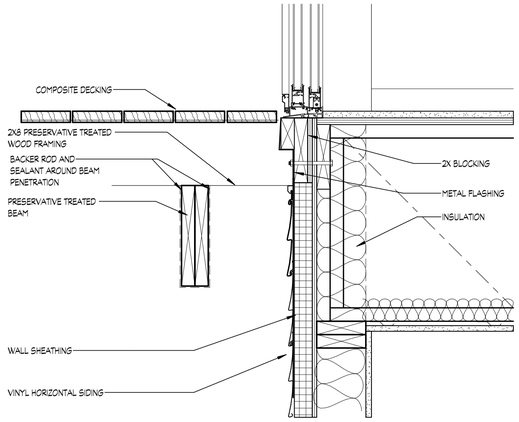
FSP PROJECT NO.
PVM21.072

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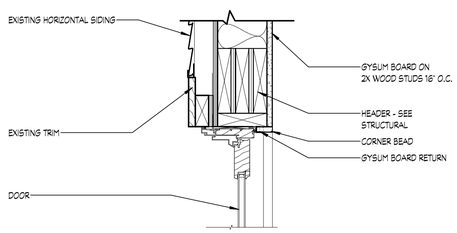
DOOR & WINDOW SCHEDULE

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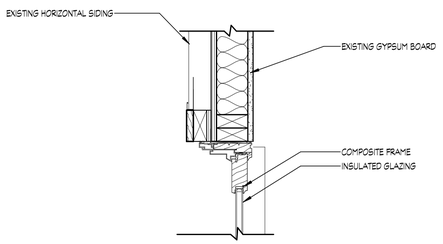
1-A.711



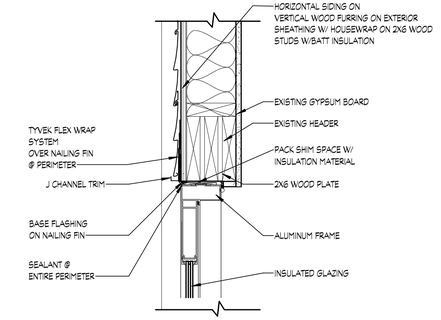
12 / 1-A.712 SLIDING DOOR SILL SECTION
SCALE: 1 1/2" = 1'-0"



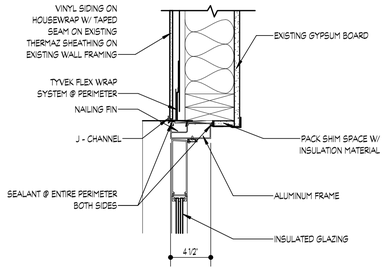
11 / 1-A.712 SLIDING DOOR HEAD SECTION
SCALE: 1 1/2" = 1'-0"



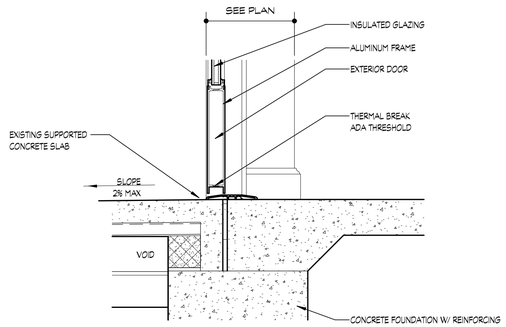
10 / 1-A.712 SLIDING DOOR JAMB SECTION
SCALE: 1 1/2" = 1'-0"



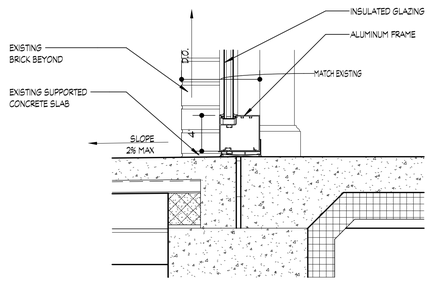
9 / 1-A.712 ALUMINUM DOOR HEAD SECTION
SCALE: 1 1/2" = 1'-0"



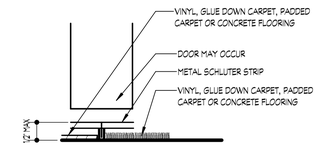
8 / 1-A.712 ALUMINUM DOOR JAMB SECTION
SCALE: 1 1/2" = 1'-0"



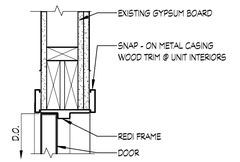
7 / 1-A.712 ALUMINUM DOOR SILL SECTION
SCALE: 1 1/2" = 1'-0"



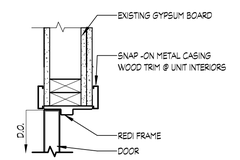
6 / 1-A.712 ALUMINUM STOREFRONT SILL SECTION
SCALE: 1 1/2" = 1'-0"



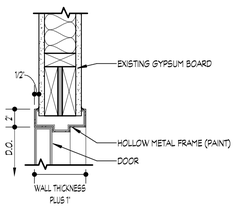
5 / 1-A.712 RESILIENT FLOOR TO CARPET TRANSITION
SCALE: 6" = 1'-0"



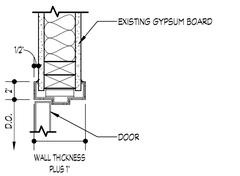
4 / 1-A.712 REDI FRAME HEAD SECTION
SCALE: 1 1/2" = 1'-0"



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



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



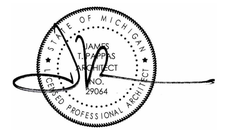
1 / 1-A.712 HOLLOW METAL JAMB SECTION
SCALE: 1 1/2" = 1'-0"

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

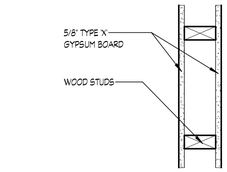
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

DOOR DETAILS

DRAWING NUMBER

1-A.712



ONE HOUR ASSEMBLY
GYPSUM ASSOCIATION #WP3605
FIRE TEST PER UL DESIGN #U305
SOUND TEST PER OR 64-8
STC RATING = 30 TO 34
STC RATING = 35 TO 39 W/ SOUND INSULATION (EST.)

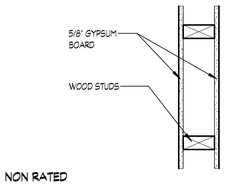
WOODS STUDS - NOMINAL 2x4 WOOD STUDS SPACED 16" O.C. MAX, EFFECTIVELY FIRESTOPPED.

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, 0.0915" 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.

- WS1 A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WS1 B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WS1 C — AS 4A WITH SOUND INSULATION
- WS1 D — AS 4B WITH SOUND INSULATION

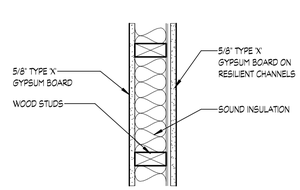
INTERIOR ONE HOUR RATED WALL



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

- WS5 A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WS5 B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WS5 C — AS 5A WITH SOUND INSULATION
- WS5 D — AS 5B WITH SOUND INSULATION
- WS5 E — AS 5A WITH GYPSUM BOARD ONE SIDE
- WS5 F — AS 5B WITH GYPSUM BOARD ONE SIDE
- WS5 G — AS 5E WITH SOUND INSULATION
- WS5 H — AS 5F WITH SOUND INSULATION
- WS5 — 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.

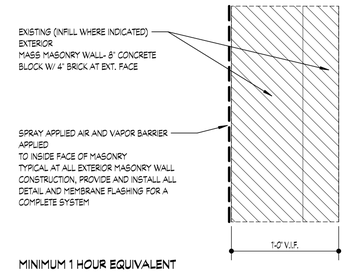
BATTS AND BLANKETS - 3" THICK MINERAL WOOL BATTS, PLACED TO FILL INTERIOR OF WALL, ATTACHED TO THE 4" FACE OF THE STUDS WITH STAPLES PLACED 24" OC. OR GLASS FIBER INSULATION - 3" THICK GLASS FIBER BATTS BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING AND/OR FIRE RESISTANCE, PLACED TO FILL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

- WS2 A — AS ABOVE WITH 2X4 WOOD STUDS @ 16" O.C.
- WS2 B — AS ABOVE WITH 2X6 WOOD STUDS @ 16" O.C.
- WS2 C — AS 2A WITHOUT SOUND INSULATION
- WS2 D — AS 2B WITHOUT SOUND INSULATION

UNIT/CORRIDOR SEPARATION WALL



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 DEVELOPMENTS "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

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.

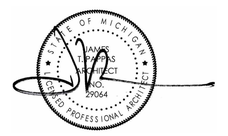
10. FIRE BARRIERS MUST EXTEND THROUGH CONCEALED SPACES AND SEAL TO THE UNDERSIDE OF THE ROOF SHEATHING/ DECK, INCLUDING EXTENSIONS THROUGH SOFFITS.

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

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WALL TYPES

DRAWING NUMBER

1-A.721

CEILING SCHEDULE

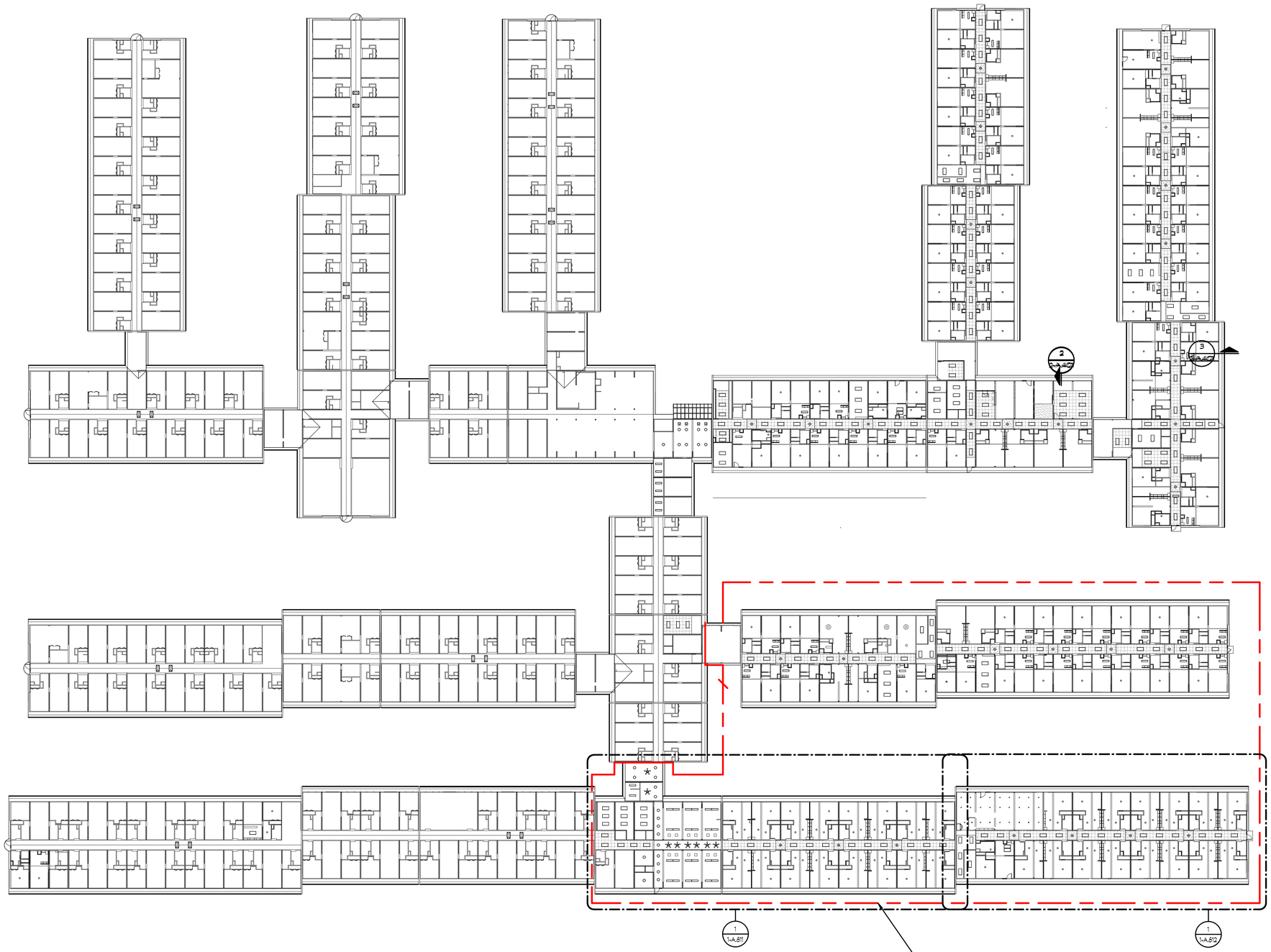
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AT-1	2' X 2' CEILING TILE. EXISTING GRID TO REMAIN	STANDARD GRID
GYP	GYPSUM BOARD	
ALUM	LINEAR ALUMINUM PANELS	
EX-GYP	EXISTING GYPSUM BOARD	

REFLECTED CEILING PLAN NOTES:

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2. ALL CEILING HEIGHTS ARE FINISH DIMENSIONS. EXISTING CEILING HEIGHTS ARE APPROXIMATE.
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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.
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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	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 / 1-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
LICENSED PROFESSIONAL ARCHITECT
JAMES THOMAS
LICENSE NO. 29064

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS
08.24.23	DESIGN DEVELOPMENT
06.02.23	SCHEMATIC DESIGN

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

REFLECTED FIRST FLOOR CEILING PLAN

DRAWING NUMBER

1-A.801

CEILING SCHEDULE

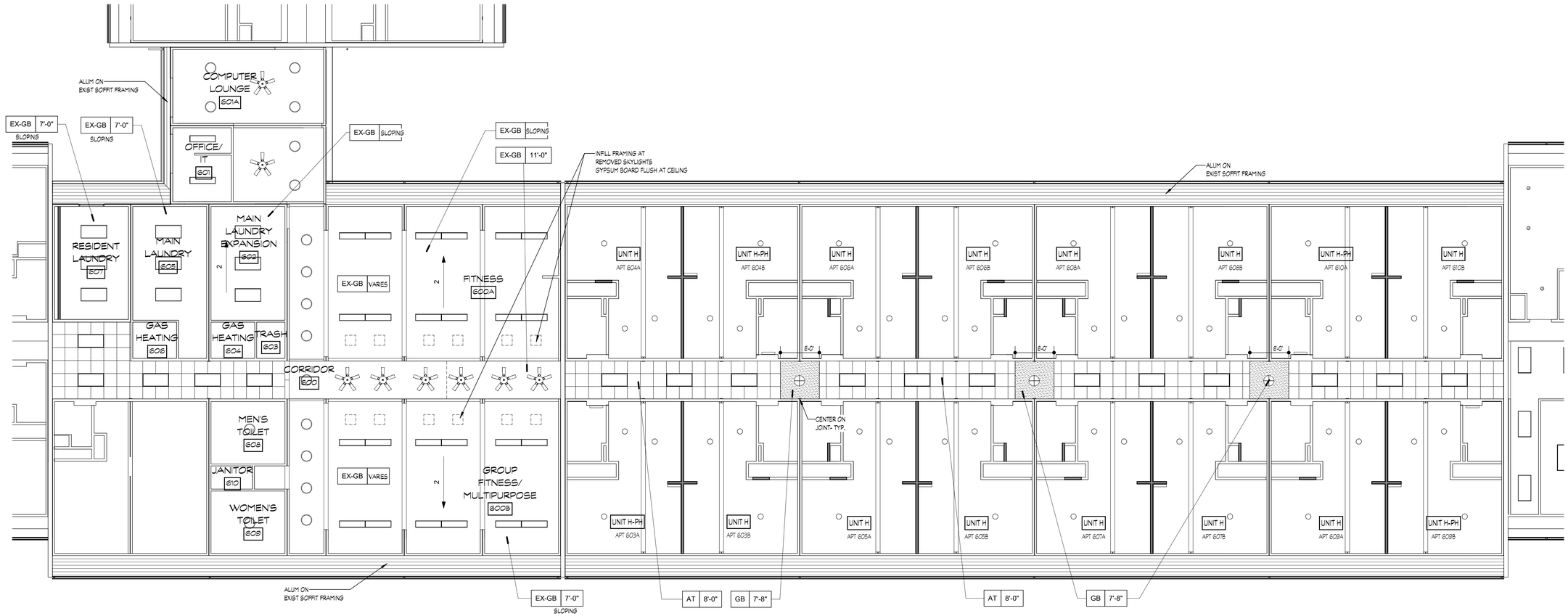
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EX-GYP	EXISTING GYPSUM BOARD	

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	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



1 / 1-A.811 FIRST FLOOR REFLECTED CEILING PLAN

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

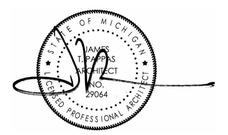
NORTH

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ARCHITECTS AND PLANNERS

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL RCP - 600 WING

DRAWING NUMBER

1-A.811

CEILING SCHEDULE

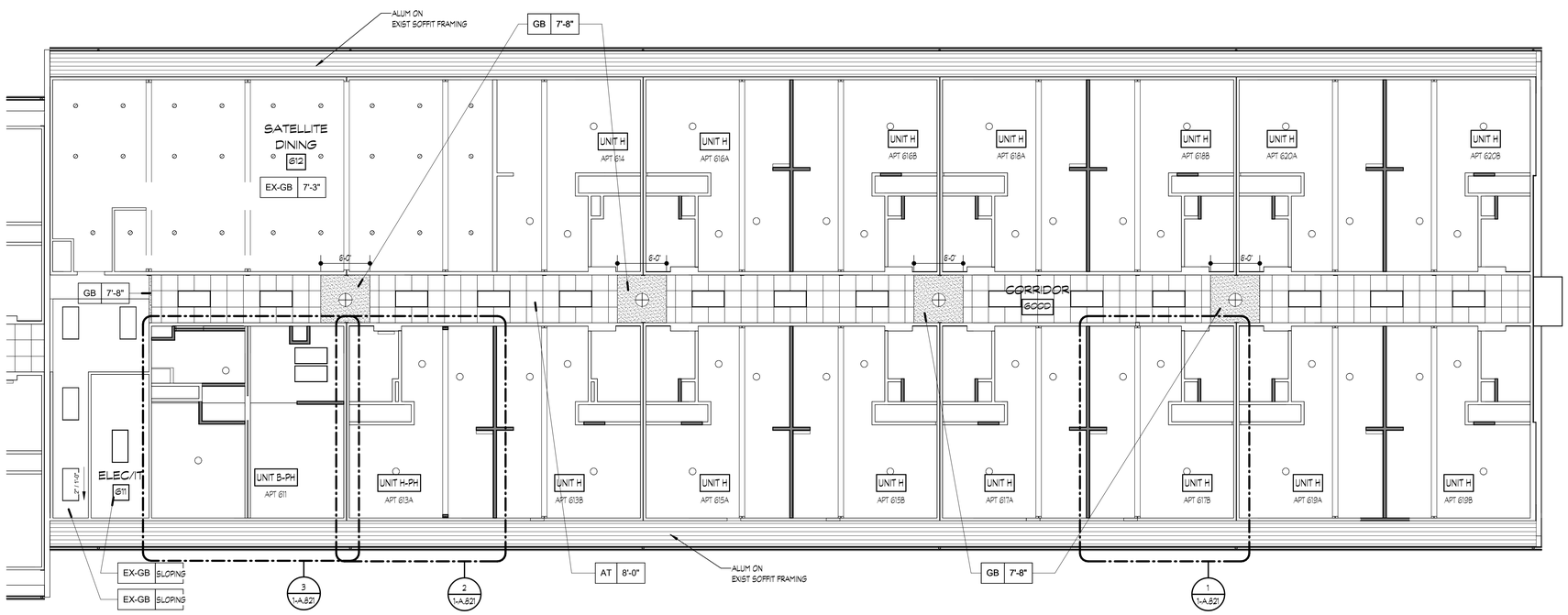
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ALUM	LINEAR ALUMINUM PANELS	
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	1x4 FLUORESCENT LIGHT FIXTURE
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	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE
	CEILING CASSETTE
	WALL LIGHT FIXTURE
SD	SMOKE DETECTOR
	WALL MOUNTED LIGHT FIXTURE
	UNDER CABINET LIGHT FIXTURE



1 1-A.812 **FIRST FLOOR REFLECTED CEILING PLAN**

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

NORTH

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ARCHITECTS AND PLANNERS

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SEAL



PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

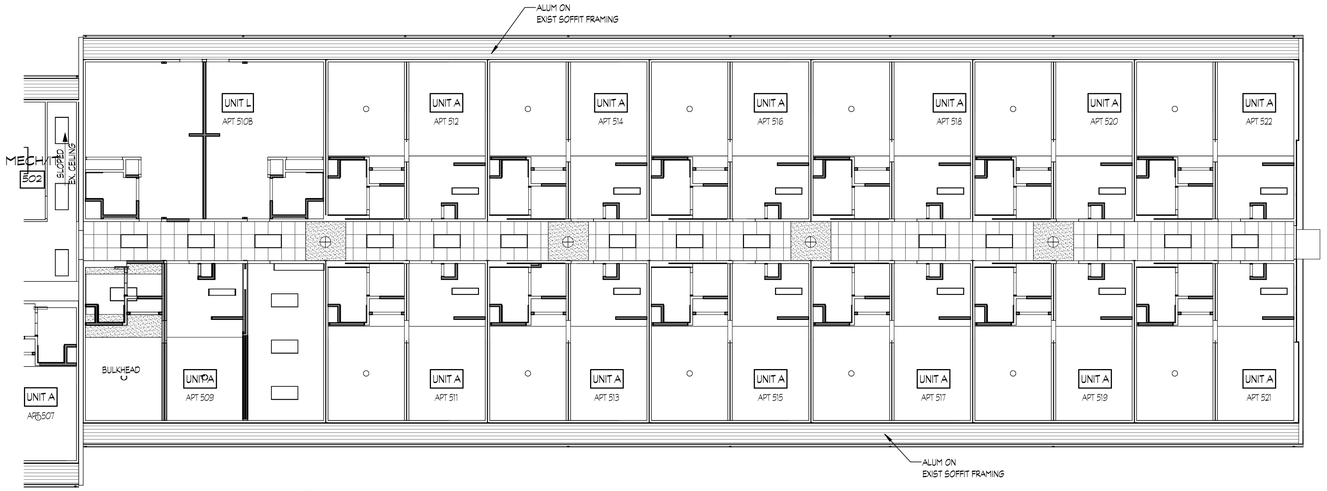
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PARTIAL RCP - 600 WING

DRAWING NUMBER

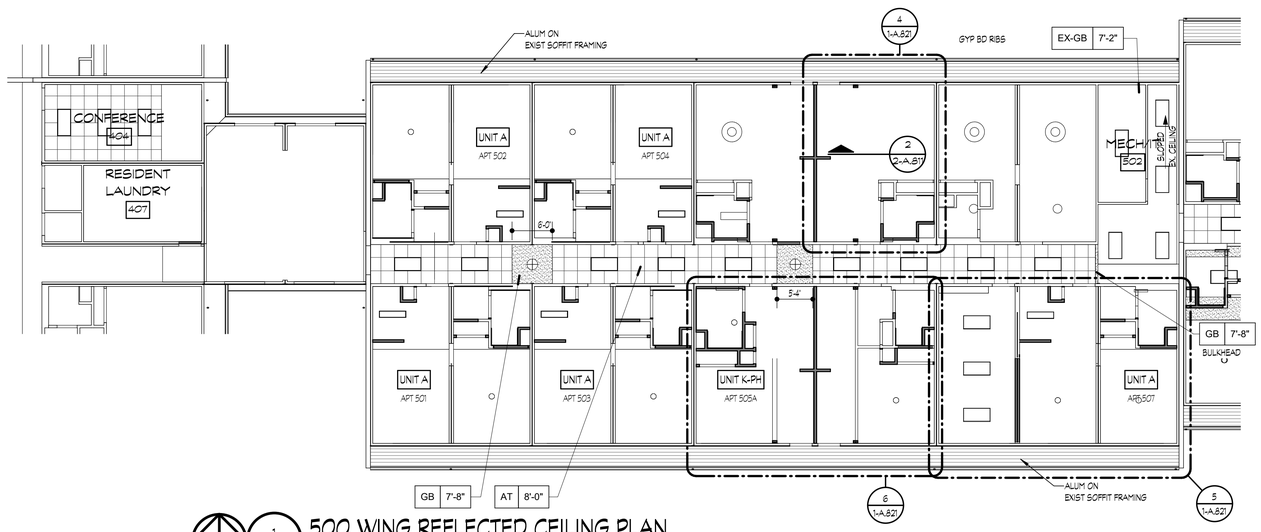
1-A.812



2 / 1-A.813 500 WING REFLECTED CEILING PLAN

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

NORTH



1 / 1-A.813 500 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
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REFLECTED CEILING PLAN SYMBOLS LEGEND

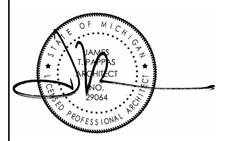
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FSP FUSCO, SHAFFER & PAPPAS, INC.
ARCHITECTS AND PLANNERS

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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

PARTIAL RCP - 500 WING

DRAWING NUMBER

1-A.813

CEILING SCHEDULE

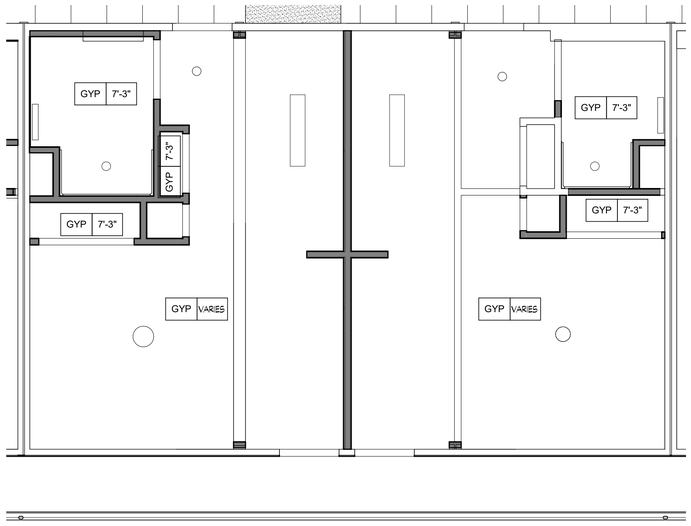
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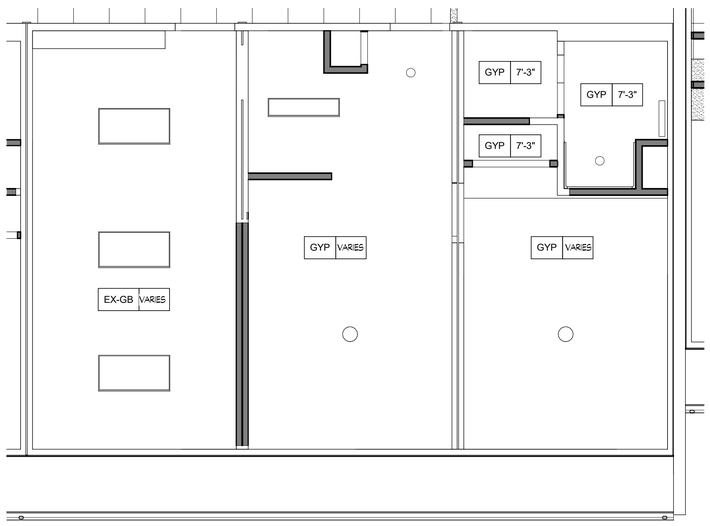
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13. **REMOVE ALL TEXTURED CEILING FINISH AT CEILINGS WHERE NEW PAINT FINISH IS INDICATED. PREP CEILING FOR NEW PAINT FINISH.**

REFLECTED CEILING PLAN SYMBOLS LEGEND

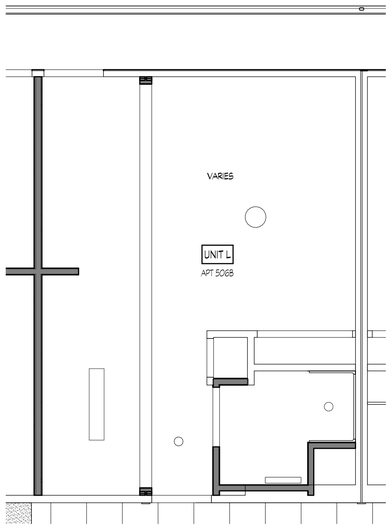
SYMBOL	DESCRIPTION
	2' X 2' LAY-IN FLUORESCENT LIGHT FIXTURE
	2' X 4' LAY-IN FLUORESCENT LIGHT FIXTURE
	1x4 FLUORESCENT LIGHT FIXTURE
	2' X 4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	RECESSED WALL-WASH LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	PENDANT LIGHT FIXTURE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



6 1-A.821 UNIT K & K-PH CEILING PLAN
SCALE: 1/4" = 1'-0"



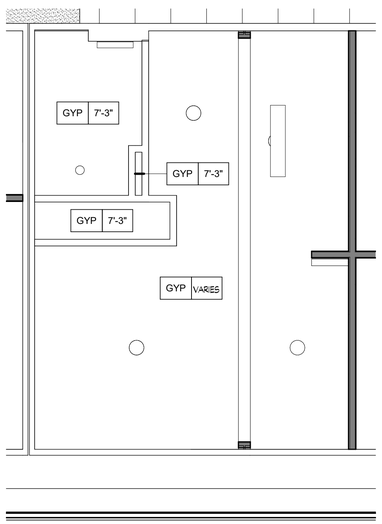
5 1-A.821 UNIT A + SUPPORT SPACE CEILING PLAN
SCALE: 1/4" = 1'-0"



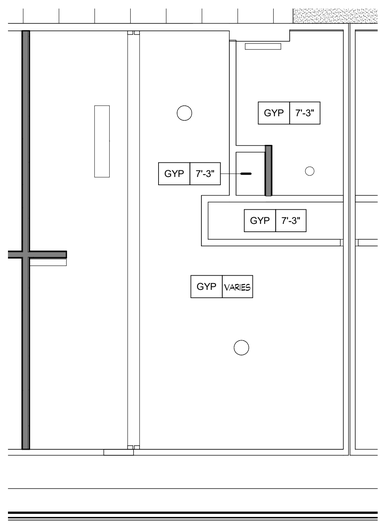
4 1-A.821 UNIT L CEILING PLAN
SCALE: 1/4" = 1'-0"



3 1-A.821 UNIT B-PH CEILING PLAN
SCALE: 1/4" = 1'-0"



2 1-A.821 UNIT H-PH CEILING PLAN
SCALE: 1/4" = 1'-0"



1 1-A.821 UNIT H CEILING PLAN
SCALE: 1/4" = 1'-0"

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JAMES T. PAPPAS
REGISTERED
NO. 29064
LICENSED PROFESSIONAL ARCHITECT

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

MICHIGAN

WESTLAND

DATE	ISSUE
06.26.26	UPDATED BIDS
11.14.25	9% ADDENDUM #2
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

UNIT REFLECTED CEILING PLANS

DRAWING NUMBER

1-A.821

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

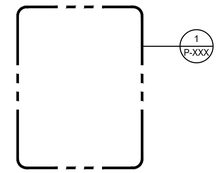
NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

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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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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F 734-454-5517

MEEC JOB # 23-0017

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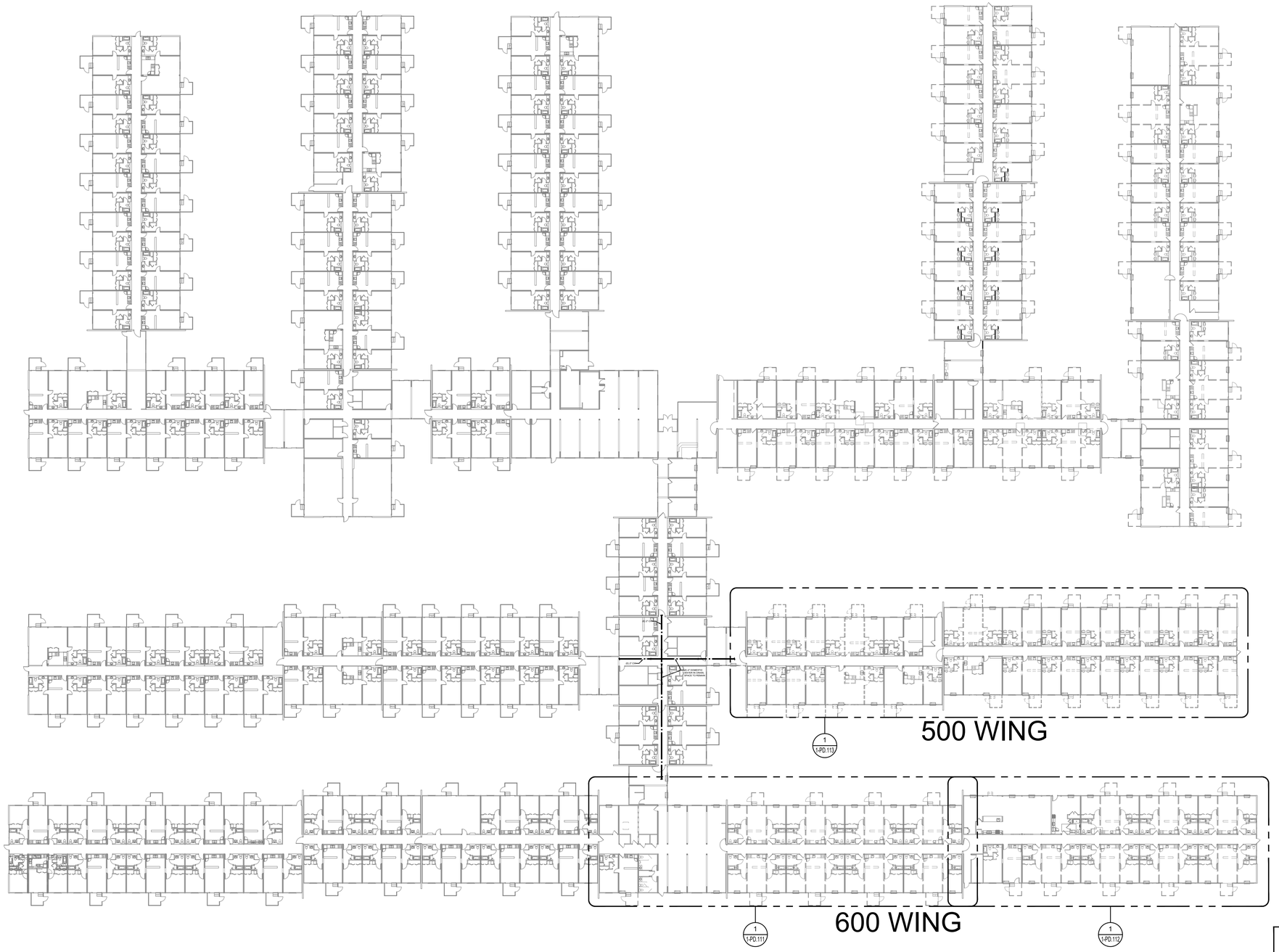
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

GENERAL PLUMBING INFORMATION

DRAWING NUMBER

1-P.001



1 / 1-PD.101 NORTH

OVERALL FIRST FLOOR - PLUMBING DEMOLITION PLAN

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

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

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

OVERALL FIRST FLOOR - PLUMBING DEMOLITION PLAN

DRAWING NUMBER

1-PD.101

mechanical electrical engineering consultants pc
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Plymouth, MI 48170
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MEEC JOB # 23-0017

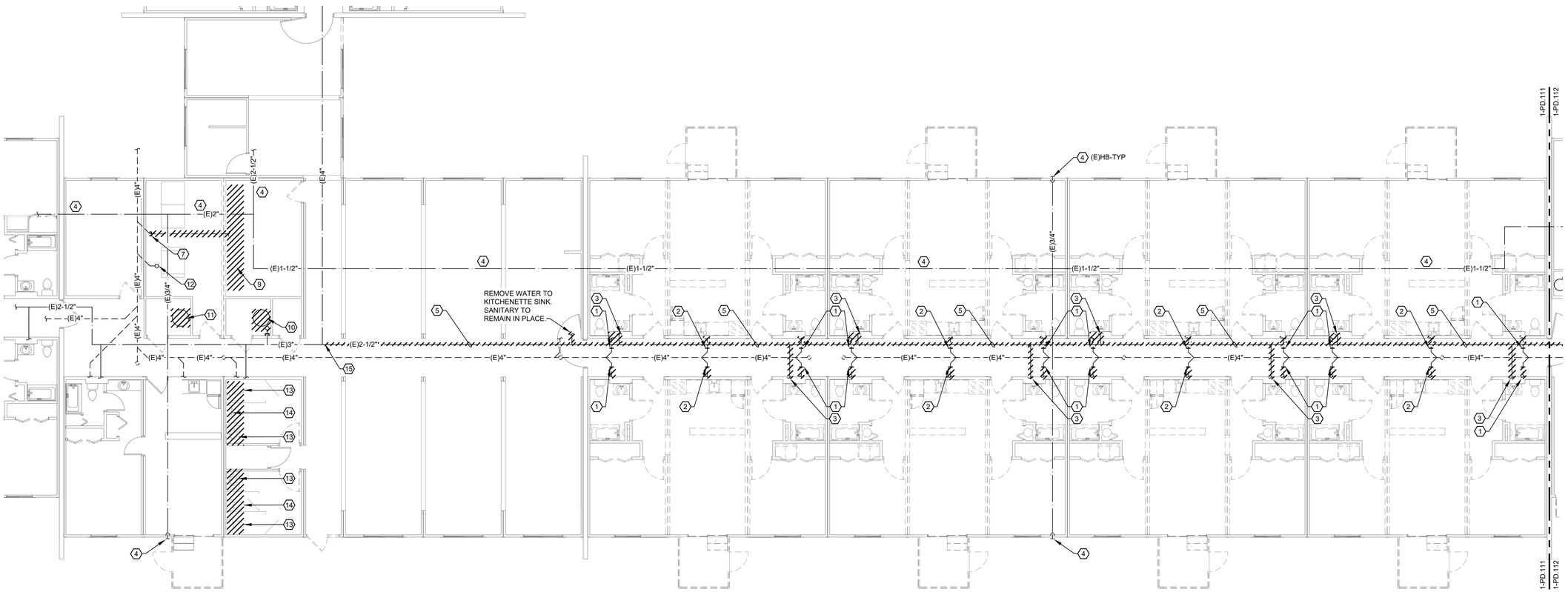
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GENERAL DEMOLITION NOTES:

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 ON THIS PLAN IS ROUTED IN EXISTING CRAWL SPACE.
6. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF EXISTING PIPING IN CRAWLSPACE PRIOR TO WORK IN AREA.

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 BIBS TO REMAIN.
5. REMOVE EXISTING COLD WATER MAIN.
6. EXISTING 2" KITCHEN SINK SANITARY BRANCH TO REMAIN.
7. REMOVE EXISTING 3" SANITARY TO CLOTHES WASHERS AND CAP.
8. EXISTING ELECTRIC WATER HEATER TO REMAIN.
9. REMOVE ALL PLUMBING AND NATURAL GAS TO EXISTING WASHER/DRYER EQUIPMENT IN RESIDENTIAL LAUNDRY ROOM. REMOVE BACK TO SOURCE AND CAP. LAUNDRY EQUIPMENT TO BE RELOCATED TO NEW RESIDENTIAL LAUNDRY ROOM. REFER TO NEW WORK PLANS FOR NEW LOCATION.
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 EXISTING LAUNDRY EQUIPMENT.
11. REMOVE EXISTING HOUSE LAUNDRY WATER HEATER. HOT AND COLD WATER, NATURAL GAS PIPING AND VENT PIPING TO REMAIN FOR NEW WATER HEATER INSTALLATION.
12. EXISTING SAN AND PLUMBING UP TO HOUSE LAUNDRY EQUIPMENT TO REMAIN.
13. REMOVE AND REPLACE WITH NEW PER NEW WORK PLUMBING PLAN.
14. REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING BACK TO SOURCE AND CAP. CAP SANITARY BELOW FLOOR AND PATCH AS NEEDED.
15. CAP COLD WATER MAIN IN THIS AREA. PIPING SERVING NORTH WING TO REMAIN ONLINE.



1 1-PD.111 WEST 600 - FIRST FLOOR - PLUMBING DEMOLITION PLAN

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

NORTH

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WESTLAND MICHIGAN

DATE	ISSUE
06/26/26	ARCHITECTURAL BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WEST 600 - FIRST FLOOR - PLUMBING DEMOLITION PLAN

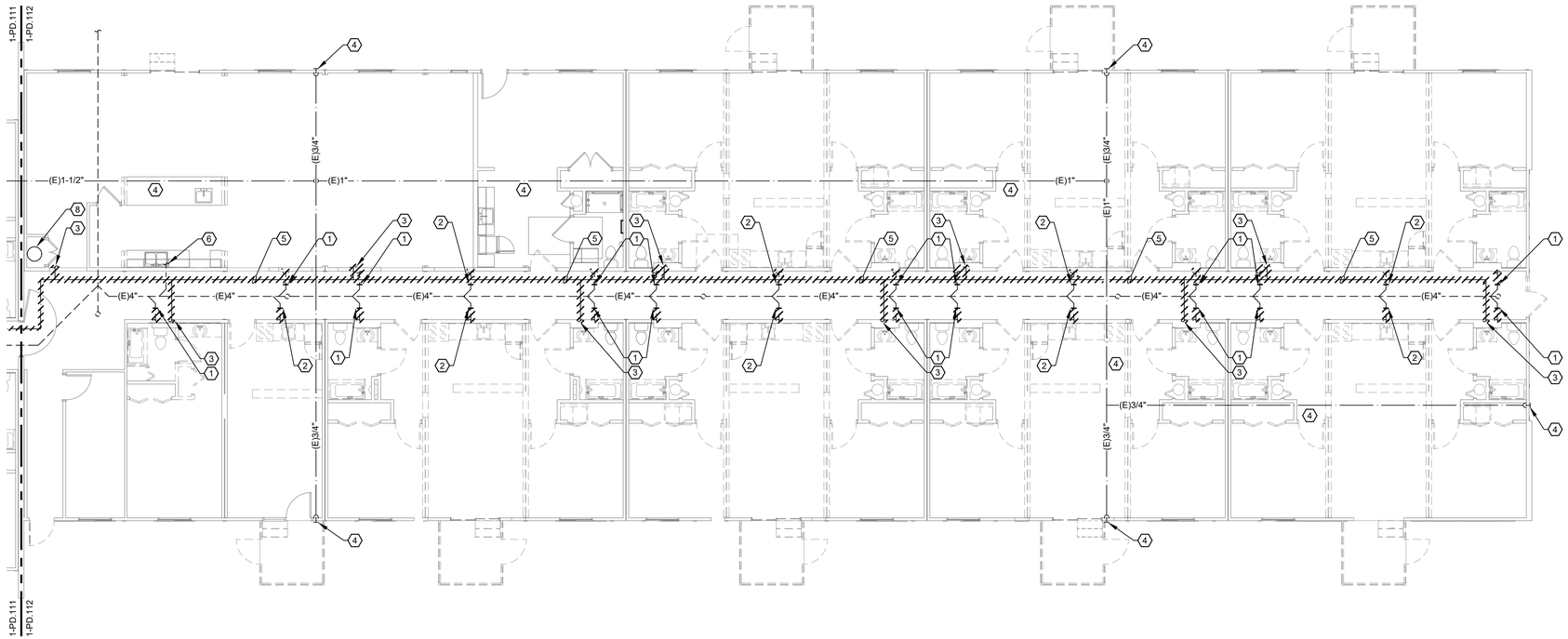
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1-PD.111

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

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1 1-PD.112 EAST 600 - FIRST FLOOR - PLUMBING DEMOLITION PLAN

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

NORTH

GENERAL 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 ON THIS PLAN IS ROUTED IN EXISTING CRAWL SPACE.
6. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF EXISTING PIPING IN CRAWLSPACE PRIOR TO WORK IN AREA.

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.
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12. EXISTING SAN AND PLUMBING UP TO HOUSE LAUNDRY EQUIPMENT TO REMAIN.
13. REMOVE AND REPLACE WITH NEW PER NEW WORK PLUMBING PLAN.
14. REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING BACK TO SOURCE AND CAP. CAP SANITARY BELOW FLOOR AND PATCH AS NEEDED.
15. CAP COLD WATER MAIN IN THIS AREA. PIPING SERVING NORTH WING TO REMAIN ONLINE.

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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Plymouth, MI 48170
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F 734-454-5517

MEEC JOB # 23-0017

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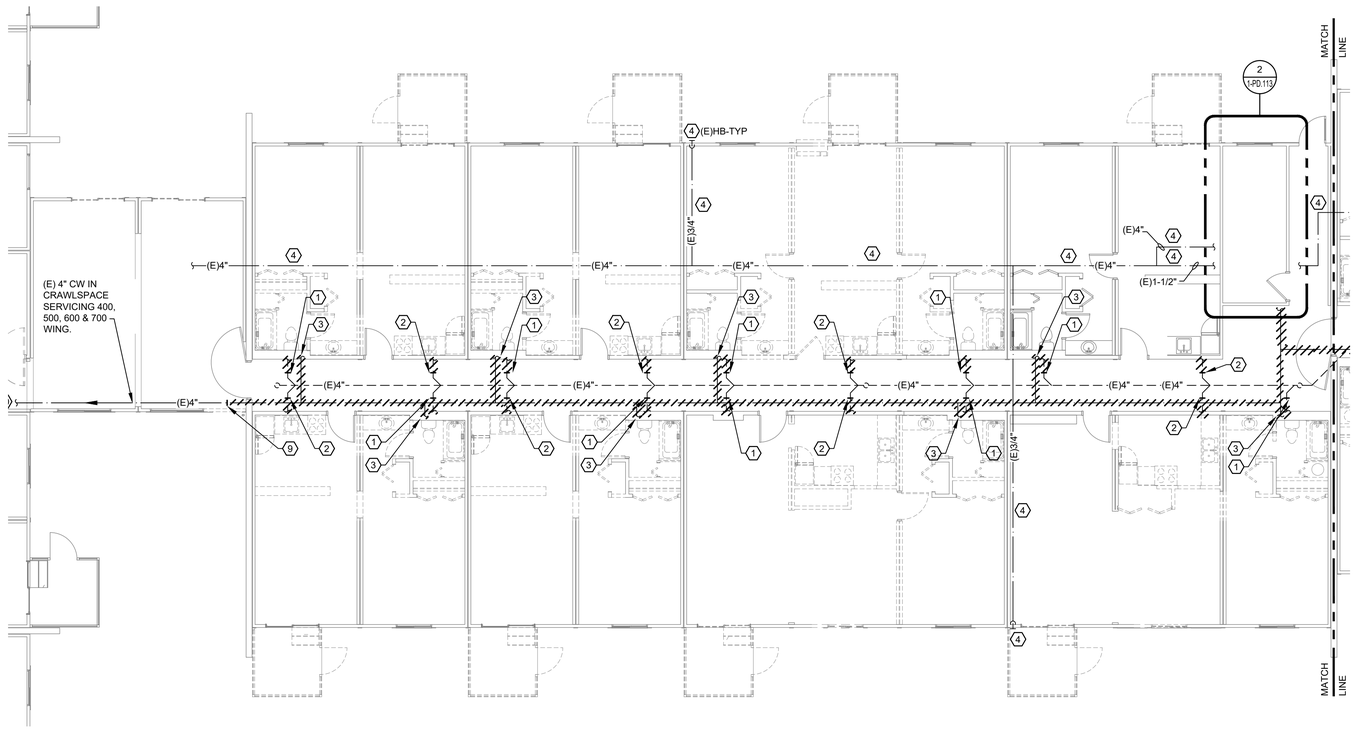
DRAWING TITLE

EAST 600 - FIRST FLOOR - PLUMBING DEMOLITION PLAN

DRAWING NUMBER

1-PD.112





1 1-PD.113 — 500 WING - FIRST FLOOR - PLUMBING DEMOLITION PLAN

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

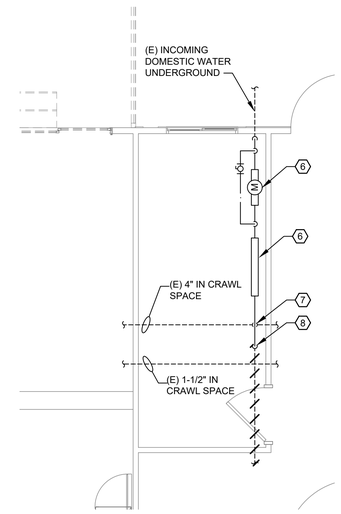
NORTH

GENERAL 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 ON THIS PLAN IS ROUTED IN EXISTING CRAWL SPACE.
6. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF EXISTING PIPING IN CRAWLSPACE PRIOR TO WORK IN AREA.

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 AND 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. EXISTING CW IN CRAWL SPACE TO RESMAIN FEEDING 400, 600 WEST AND 700 WINGS.



2 1-PD.113 — 500 WING - STORAGE #502 PLUMBING DEMOLITION PLAN

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

NORTH

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ENGINEER
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LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
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500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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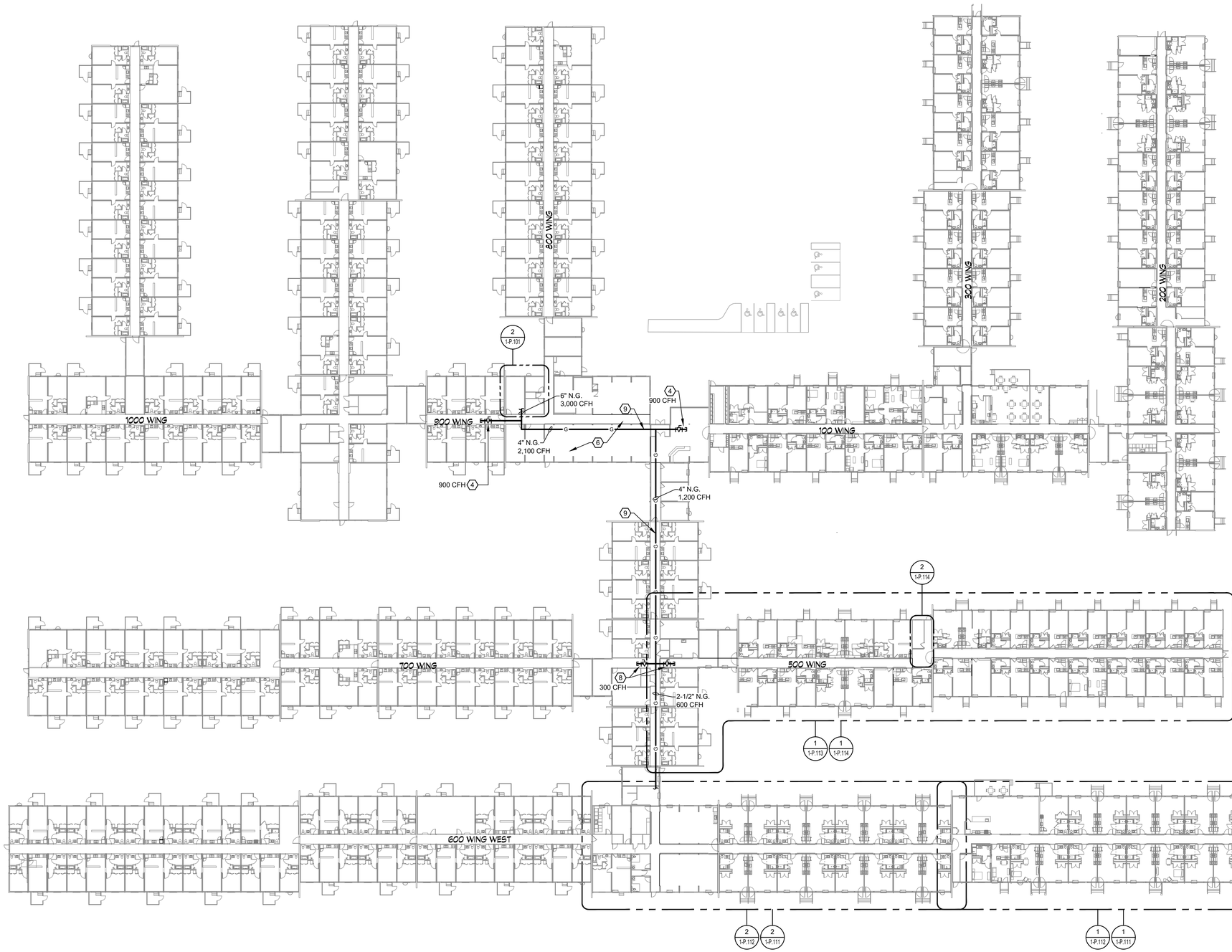
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PVM21.072

DRAWING TITLE

500 - FIRST FLOOR - PLUMBING DEMOLITION PLAN

DRAWING NUMBER

1-PD.113



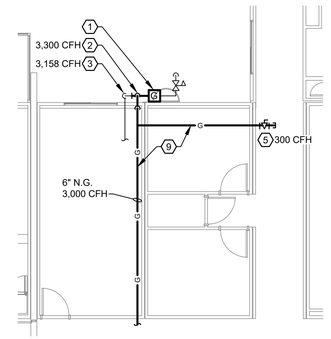
NORTH

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.
7. 3" N.G. VALVED AND CAPPED FOR FUTURE.
8. 2" N.G. VALVED AND CAPPED FOR FUTURE.
9. CONTRACTOR TO VERIFY PIPE ROUTING IN EXISTING SPACE.



NORTH

GAS METER PLAN

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

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

OVERALL FIRST FLOOR - PLUMBING NEW WORK PLAN

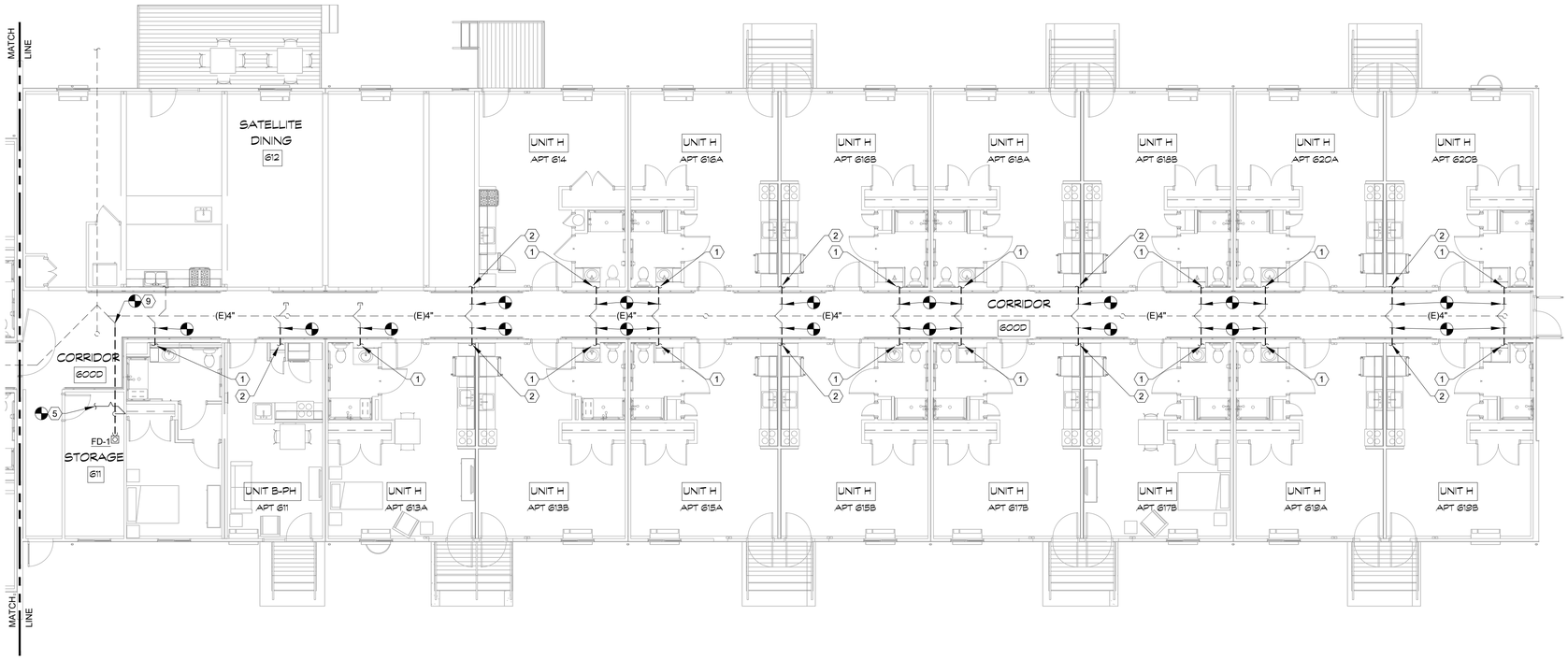
DRAWING NUMBER

1-P.101

mechanical electrical engineering consultants pc
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P 734-454-5516
F 734-454-5517

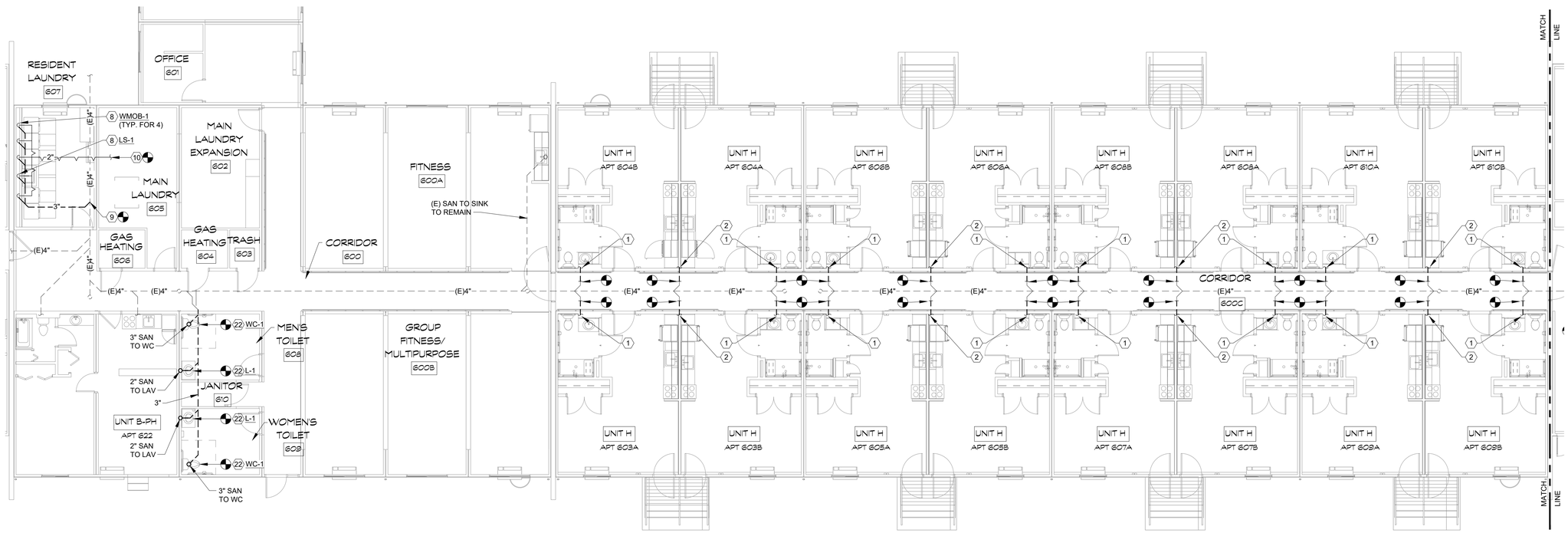
MEEC JOB # 23-0017

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1 / 1-P.111 — EAST 600 - FIRST FLOOR - SANITARY NEW WORK PLAN

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



2 / 1-P.111 — WEST 600 - 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.
2. CONNECT NEW 2" SANITARY TO EXISTING 2" KITCHEN SINK SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS.
3. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS. SEE TYPICAL UNIT PLUMBING PLANS.
4. CONNECT NEW 4" COLD WATER TO EXISTING IN BASEMENT. ROUTE UP IN TRASH #603 AND UP INTO CEILING SPACE.
5. NOT USED.
6. CONNECT NEW 3/4" COLD WATER TO EXISTING SINKS. BACKFEED WATER HEATER IF NEEDED. VERIFY SIZE IN FIELD.
7. EXISTING WATER HEATER AND HOT WATER SUPPLY TO SINKS TO REMAIN.
8. 1/2" HOT AND COLD WATER WITH 2" SANITARY DOWN, 1-1/2" VENT UP.
9. CONNECT NEW SANITARY TO EXISTING. FIELD VERIFY.
10. CONNECT NEW 2" VENT TO EXISTING. FIELD VERIFY. INSTALL NEW 3" VTR IF REQUIRED.
11. 2-1/2" N.G. IN CEILING SPACE. SEE SHEET 1-P.101 FOR CONTINUATION.
12. 2" N.G. VALVED AND CAPPED FOR FUTURE.
13. 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)
14. NOT USED.
15. BALANCE VALVE SET TO 1.0 GPM.
16. RE-ROUTE EXISTING NATURAL GAS SERVING OLD RESIDENT LAUNDRY DRYERS TO NEW RESIDENT LAUNDRY ROOM. ROUTE EXISTING NATURAL GAS IN CRAWLSPACE AND UP THROUGH FLOOR BEHIND DRYERS. CONNECT TO OWNER EXISTING RELOCATED DRYER EQUIPMENT. MATCH EXISTING SIZE AND FITTINGS TO EXISTING. VERIFY IN FIELD.
17. PIPING IN CRAWLSPACE.
18. RE-ROUTE NEW 1" HOT AND COLD WATER WITH 3/4" HOT WATER RETURN FROM EXISTING RESIDENT LAUNDRY WATER HEATER TO NEW RESIDENT LAUNDRY ROOM AS SHOWN. ROUTE NEW PIPING IN CORRIDOR CEILING SPACE. INSTALL WITH HOT WATER CIRC PUMP.
19. COORDINATE PIPE ROUTING IN THIS AREA WITH ARCHITECTURAL TRADES AND GENERAL CONTRACTOR.
20. REPLACE OLD SINK WITH NEW, SINGLE BOWL, A.D.A. SINK.
21. CONNECT NEW HOT WATER AND COLD WATER PIPING AND CONNECT TO EXISTING SANITARY AND VENT PIPING.
22. CONNECT NEW FIXTURE TO EXISTING PIPING IN AREA.

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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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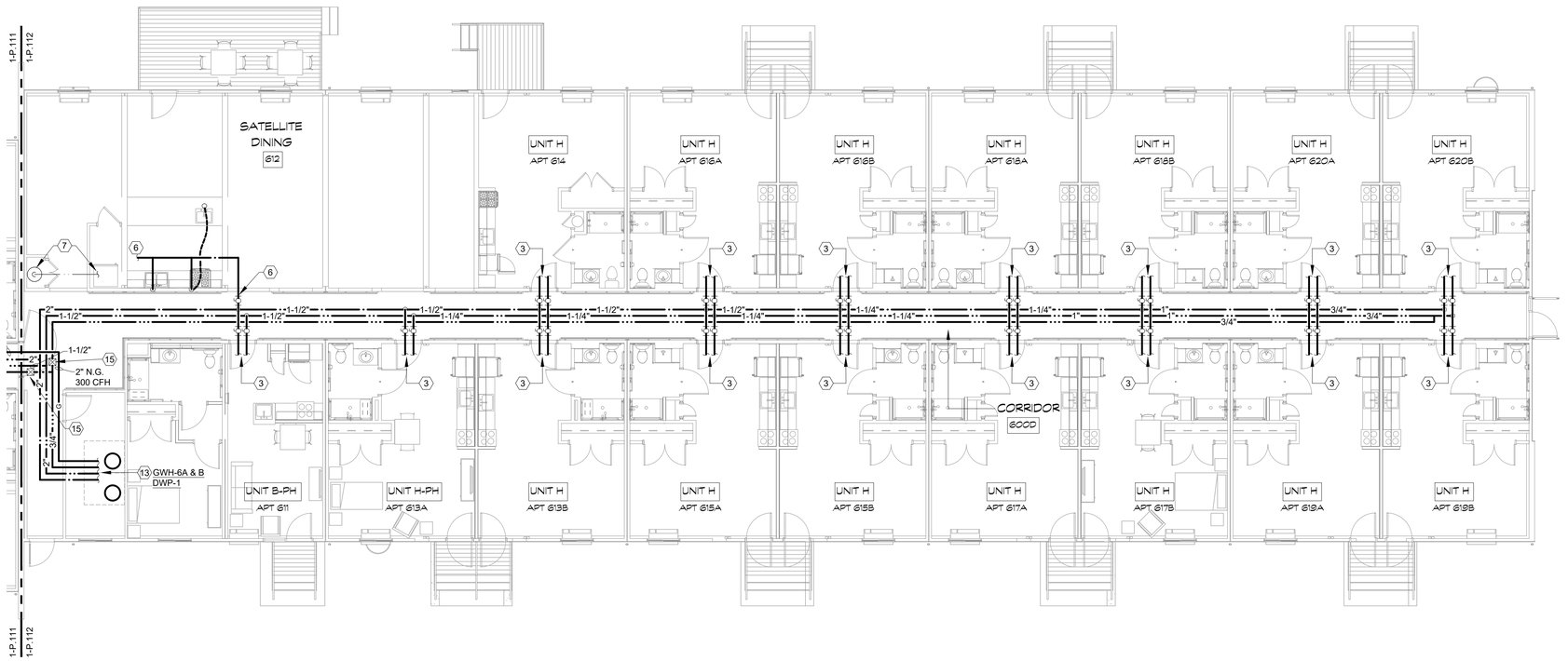
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

600 - FIRST FLOOR - PLUMBING SANITARY NEW WORK PLANS

DRAWING NUMBER

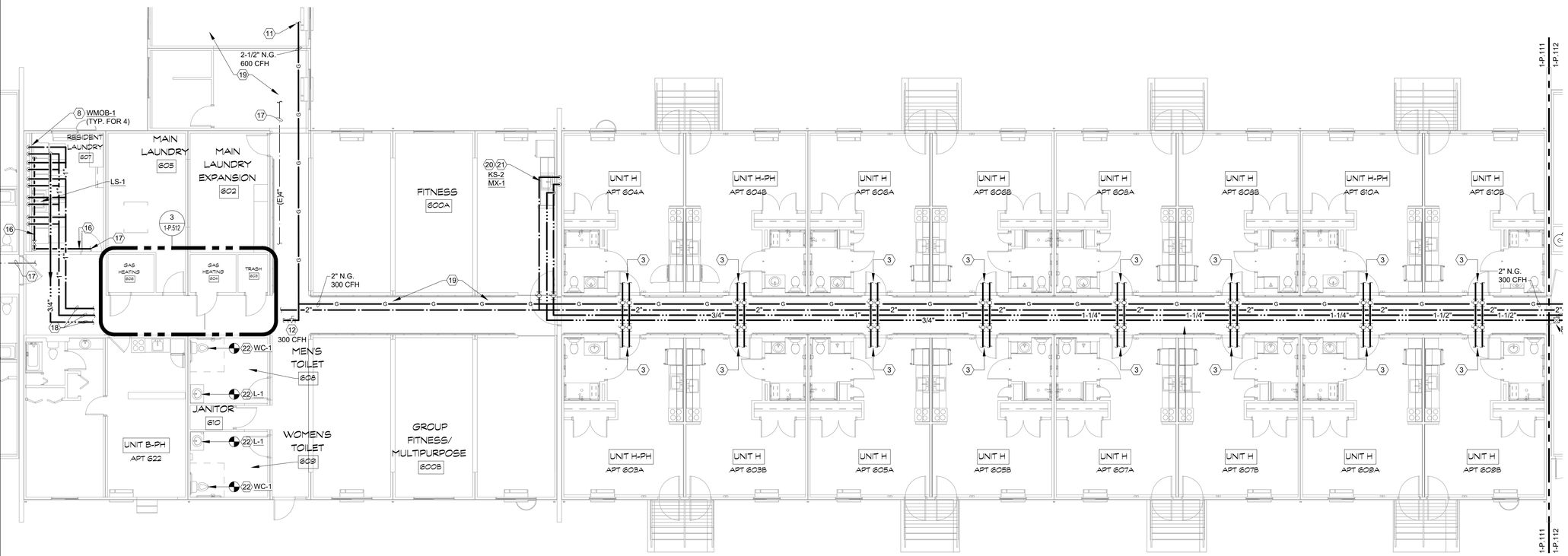
1-P.111



1 / 1-P.112 — EAST 600 - FIRST FLOOR - PLUMBING NEW WORK PLAN

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

NORTH



2 / 1-P.112 — WEST 600 - FIRST FLOOR - PLUMBING NEW WORK PLAN

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

NORTH

KEY NOTES: (#)

3. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS. SEE TYPICAL UNIT PLUMBING PLANS.
5. NOT USED.
6. CONNECT NEW 3/4" COLD WATER TO EXISTING SINKS. BACKFEED WATER HEATER IF NEEDED. VERIFY SIZE IN FIELD.
7. EXISTING WATER HEATER AND HOT WATER SUPPLY TO SINKS TO REMAIN.
8. 1/2" HOT AND COLD WATER WITH 2" SANITARY DOWN, 1-1/2" VENT UP.
11. 2-1/2" N.G. IN CEILING SPACE. SEE SHEET 1-P.101 FOR CONTINUATION.
12. 2" N.G. VALVED AND CAPPED FOR FUTURE.
13. 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)
14. NOT USED.
15. BALANCE VALVE SET TO 1.0 GPM.
16. RE-ROUTE EXISTING NATURAL GAS SERVING OLD RESIDENT LAUNDRY DRYERS TO NEW RESIDENT LAUNDRY ROOM. ROUTE EXISTING NATURAL GAS IN CRAWLSPACE AND UP THROUGH FLOOR BEHIND DRYERS. CONNECT TO OWNER EXISTING RELOCATED DRYER EQUIPMENT. MATCH EXISTING SIZE AND FITTINGS TO EXISTING. VERIFY IN FIELD.
17. PIPING IN CRAWLSPACE.
18. RE-ROUTE NEW 1" HOT AND COLD WATER WITH 3/4" HOT WATER RETURN FROM EXISTING RESIDENT LAUNDRY WATER HEATER TO NEW RESIDENT LAUNDRY ROOM AS SHOWN. ROUTE NEW PIPING IN CORRIDOR CEILING SPACE. INSTALL WITH HOT WATER CIRC PUMP.
19. COORDINATE PIPE ROUTING IN THIS AREA WITH ARCHITECTURAL TRADES AND GENERAL CONTRACTOR.
20. REPLACE OLD SINK WITH NEW, SINGLE BOWL, A.D.A. SINK.
21. CONNECT NEW HOT WATER AND COLD WATER PIPING AND CONNECT TO EXISTING SANITARY AND VENT PIPING.
22. CONNECT NEW FIXTURE TO EXISTING PIPING IN AREA.

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PVM21.072

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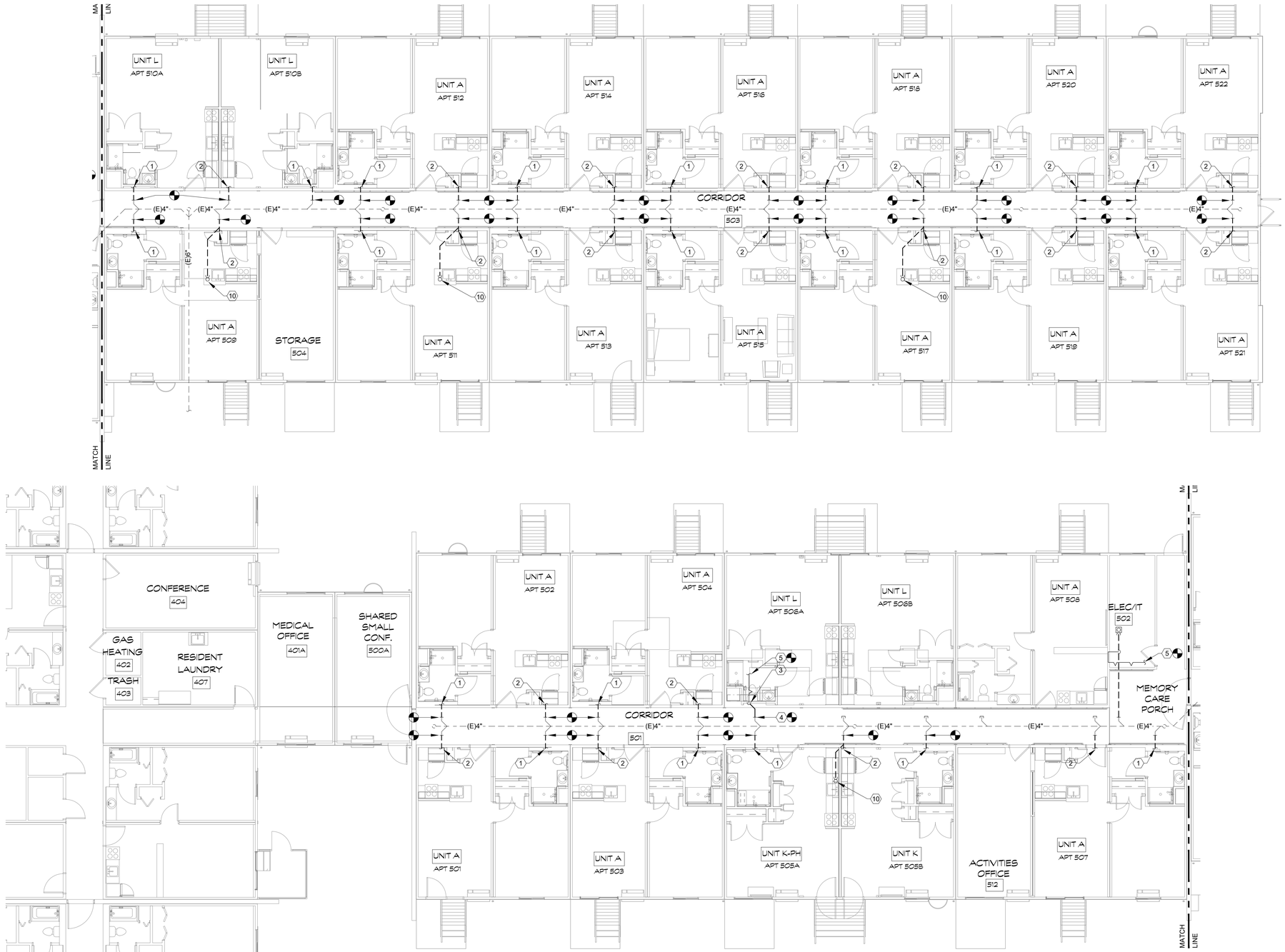
600 - FIRST FLOOR - PLUMBING NEW WORK PLANS

DRAWING NUMBER

1-P.112

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MEEC JOB # 23-0017

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1 / 1-P.213

500 WING - FIRST FLOOR - PLUMBING 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.
2. CONNECT NEW 2" SANITARY TO EXISTING 2" KITCHEN SINK SANITARY BRANCH. SEE TYPICAL UNIT PLUMBING PLANS.
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.
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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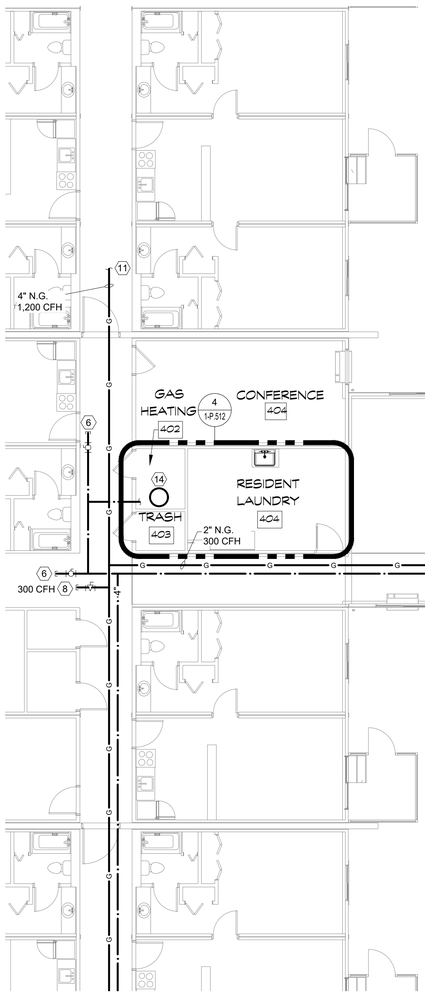
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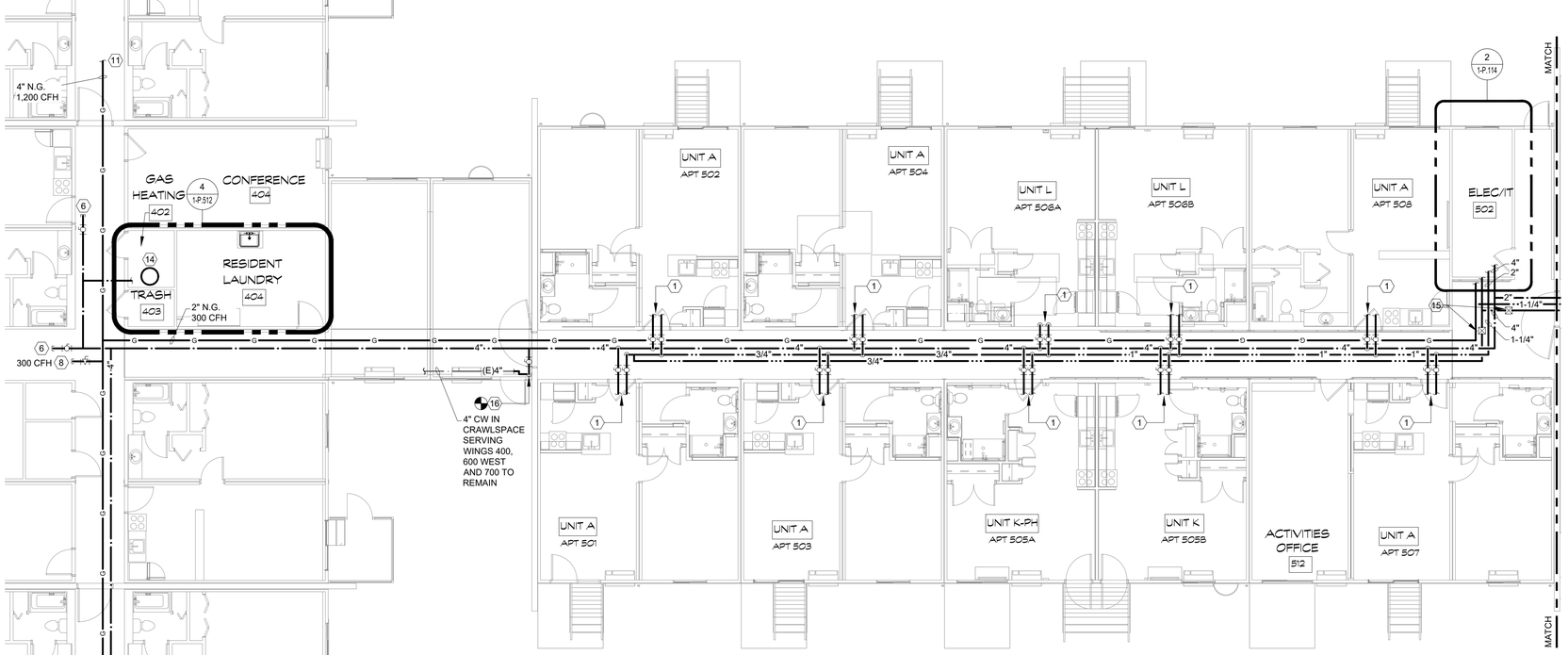
500 - FIRST FLOOR - PLUMBING SANITARY NEW WORK PLANS

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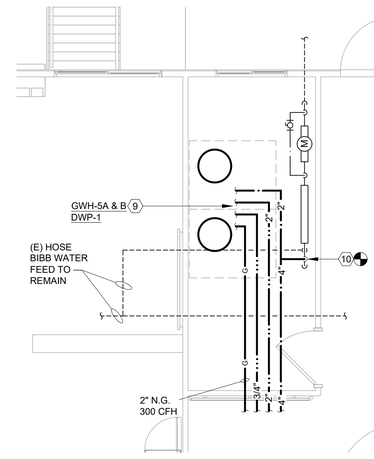
1-P.113







1 / 1-P.114 — 500 WING - FIRST FLOOR - PLUMBING NEW WORK PLAN
SCALE: 1/8" = 1'-0"
NORTH



2 / 1-P.114 — 500 WING - STORAGE #502 PLUMBING NEW WORK PLAN
SCALE: 1/4" = 1'-0"
NORTH

KEY NOTES: (#)

1. 3/4" HOT AND COLD WATER TO UNIT WITH SHUT-OFFS. SEE TYPICAL UNIT PLUMBING PLANS.
2. 1/2" HOT AND COLD WATER DOWN.
3. 3/4" HOT AND COLD WATER DOWN.
4. 1/2" COLD WATER DOWN.
5. NEW 4" COLD WATER IN CEILING SPACE. SEE SHEET 1-P.111 FOR CONTINUATION. REFER TO 9% DOCUMENTS.
6. 2" COLD WATER VALVED AND CAPPED FOR FUTURE.
7. 2-1/2" N.G. SEE SHEET 1-P.111 FOR CONTINUATION. REFER TO 9% DOCUMENTS.
8. 2" N.G. VALVED AND CAPPED FOR FUTURE.
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)
10. CONNECT NEW 4" COLD WATER TO EXISTING WATER METER. ROUTE UP INTO CEILING SPACE.
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.
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. ROUTE NEW 4" COLD WATER DOWN TO CRAWL SPACE AND BACK FEED EXISTING WATER MAIN IN THIS AREA. PROVIDE SHUT-OFF VALVE ABOVE CEILING WITH ACCESS PANEL IF NEEDED.
17. COORDINATE PIPE ROUTING IN THIS AREA WITH ARCHITECTURAL TRADES AND GENERAL CONTRACTOR.

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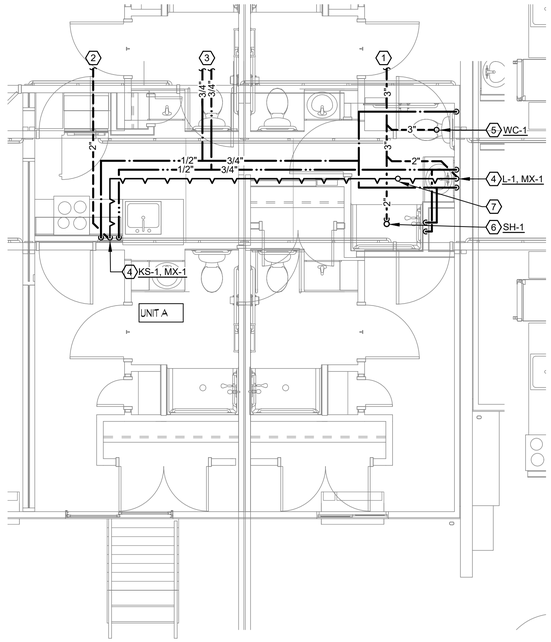
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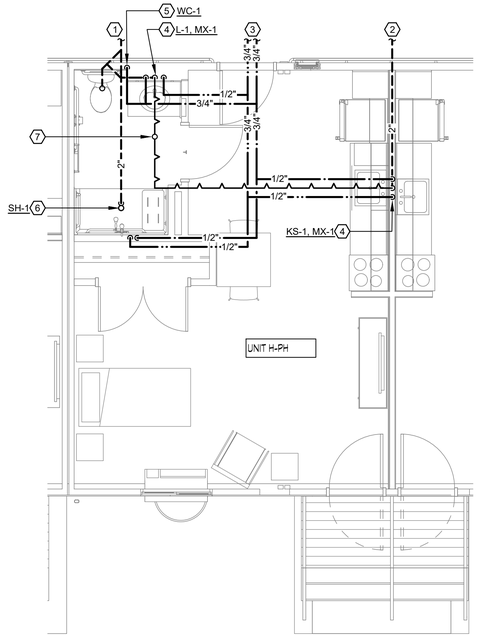
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500 - FIRST FLOOR - PLUMBING NEW WORK PLANS

DRAWING NUMBER
1-P.114



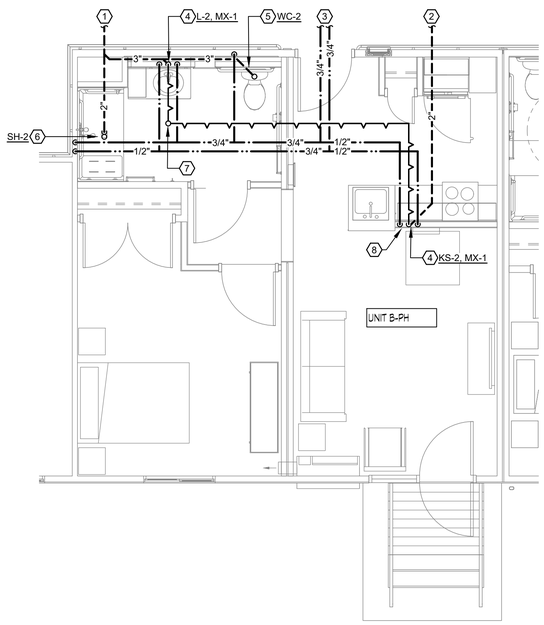
4 1-P.511 UNIT A + SUPPORT SPACE - PLUMBING PLAN

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



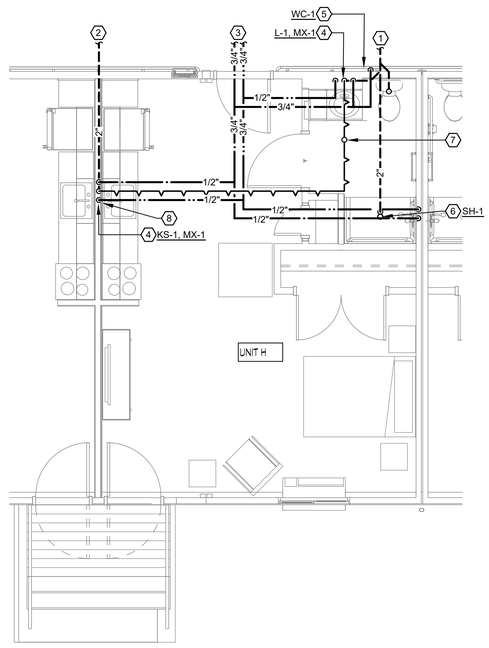
3 1-P.511 UNIT H-PH - PLUMBING PLAN

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



2 1-P.511 UNIT B-PH - PLUMBING PLAN

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



1 1-P.511 UNIT H - 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 VENT THROUGH ROOF.
8. PROVIDE HUB OUTLET DRAIN FOR FAIN COIL CONDENSATE BELOW COUNTER. COORDINATE WITH MECHANICAL CONTRACTOR FOR DRAIN LOCATION.
9. 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.
10. REPLACE EXISTING LAUNDRY SINK WITH NEW LS-1. RECONNECT TO EXISTING PIPING IN AREA.
11. NOT USED.
12. NOT USED.
13. EXPANSION TANK SUPPORTED FROM WALL.
14. 3" COLD WATER CAPPED FOR FUTURE CONNECTION.
15. RECONNECT MAIN LAUNDRY WATER HEATER TO EXISTING HOT WATER FEED FOR LAUNDRY ROOM.
16. BACKFEED LAUNDRY WATER HEATER FROM CEILING SPACE. 1-1/2" COLD WATER, PROVIDE CAP & SHUT-OFF VALVES FOR FUTURE CONNECTION OF LAUNDRY EQUIPMENT.

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ARCHITECTS AND PLANNERS
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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

SCD - TYPICAL UNIT - PLUMBING PLANS

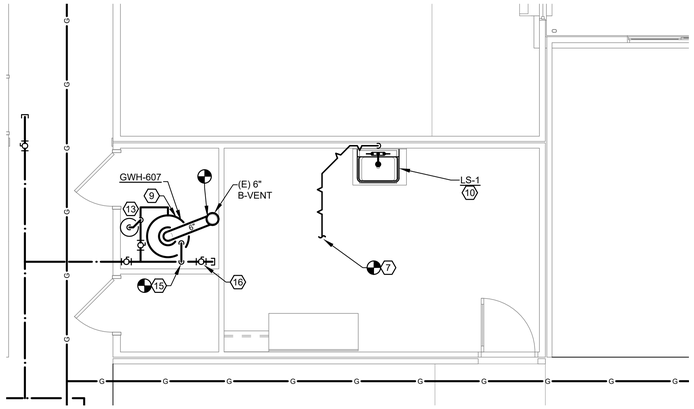
DRAWING NUMBER

1-P.511

mechanical electrical engineering consultants pc
14496 Sheldon Rd. Ste. 260
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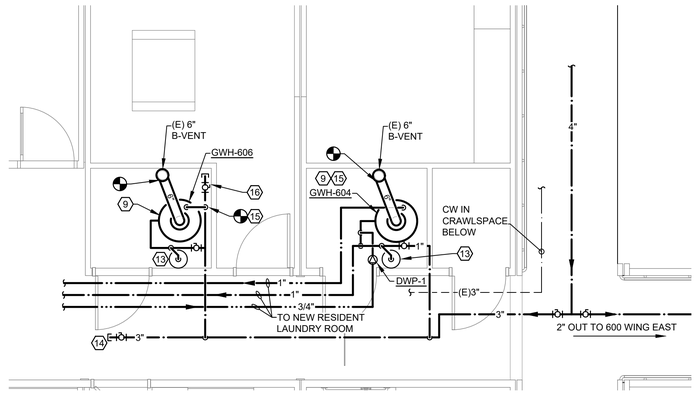
MEEC JOB # 23-0017

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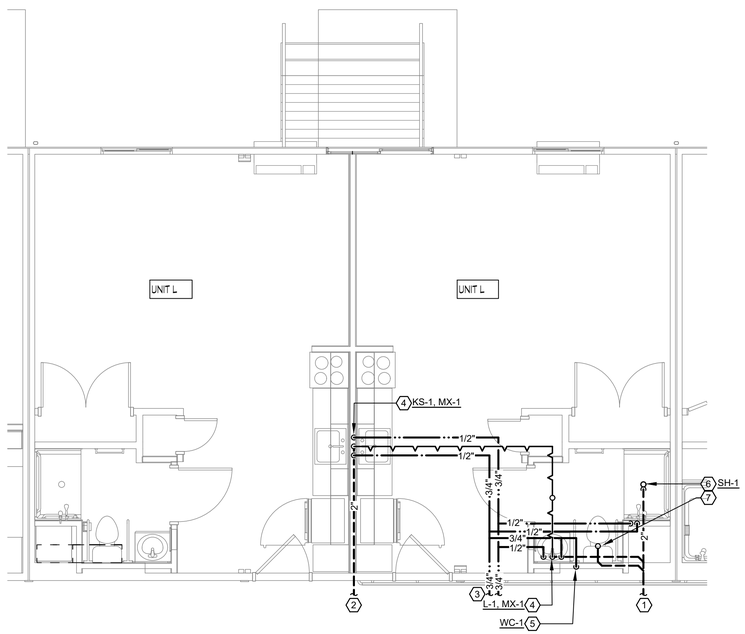
4 / 1-P.512 LAUNDRY AREA ENLARGED PLUMBING PLAN

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



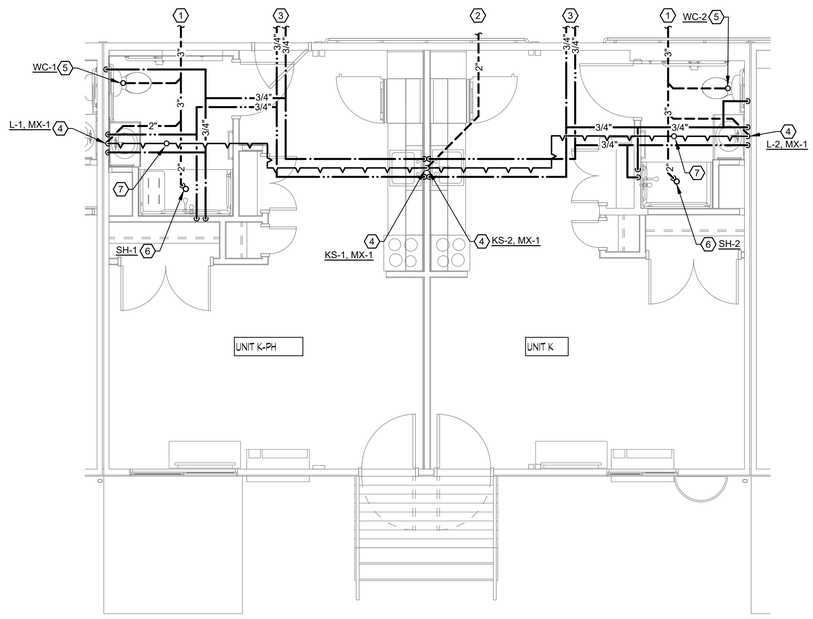
3 / 1-P.512 LAUNDRY AREA ENLARGED PLUMBING PLAN

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



1 / 1-P.512 UNIT L - PLUMBING PLAN

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



2 / 1-P.512 UNIT K & UNIT K-PH - PLUMBING PLAN

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

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 VENT THROUGH ROOF.
8. PROVIDE HUB OUTLET DRAIN FOR FAIN COIL CONDENSATE BELOW COUNTER. COORDINATE WITH MECHANICAL CONTRACTOR FOR DRAIN LOCATION.
9. 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.
10. REPLACE EXISTING LAUNDRY SINK WITH NEW LS-1. RECONNECT TO EXISTING PIPING IN AREA.
11. NOT USED.
12. NOT USED.
13. EXPANSION TANK SUPPORTED FROM WALL.
14. 3" COLD WATER CAPPED FOR FUTURE CONNECTION.
15. RECONNECT MAIN LAUNDRY WATER HEATER TO EXISTING HOT WATER FEED FOR LAUNDRY ROOM.
16. BACKFEED LAUNDRY WATER HEATER FROM CEILING SPACE. 1-1/2" COLD WATER. PROVIDE CAP & SHUT-OFF VALVES FOR FUTURE CONNECTION OF LAUNDRY EQUIPMENT.

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PRESBYTERIAN VILLAGES OF MICHIGAN
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500 & 600 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

500 & 600 - TYPICAL UNIT - PLUMBING PLANS

DRAWING NUMBER

1-P.512

mechanical electrical engineering consultants pc
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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	Mansfield Alto Elongated ADA 1.28 Gpf Two Piece Tank Type Toilet Model 137-3173	Seat: Bemis 3155SSCT 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: Delta #520-GPM-DST 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"	
LT-1	LAUNDRY TUB		FIAT Laundry tub #FL-1	Faucet: American Standard #2475.540.002 Supply: McGuire #LFBV-09 1/4 turn P-Trap: McGuire #8912C 1-1/2" Chrome Plated Brass	1-1/2"	1-1/2"	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	SHOWER	x	Sterling 'Ensamble' 48"x34" Base: 72121100 Back wall: Ensamble to Match End walls: Ensamble to Match Coordinate exact shower enclosure with architect pror to ordering	Delta #T13H333-25 Shower trim with #R10000 rough body valve	---	---	1/2"	1/2"	
SH-2	SHOWER	x	Best Bath Systems #5LES6331E1B Components include roll in base, end wall set and back wall. Contractor to determine left or right drain. Include grab bars and folding seat.	Delta #T13H333-25 Shower trim with #R10000 rough body valve	---	---	1/2"	1/2"	
WMOB-1	WASHING MACHINE OUTLET BOX		SIOUX CHIEF OX BOX 696	Ball valves and water hammer arrestors	2"	2"	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.

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-5A	LOCHINVAR	SCN150-050	STORAGE 502	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-5B	LOCHINVAR	SCN150-050	STORAGE 502	190	50	90	150	NATURAL GAS	3"	3"	1 - 5
GWH-604	LOCHINVAR	CGN200 080	RES LAUNDRY ROOM 604	193	81	100	199	NATURAL GAS	6"	-	1-3, 6
GWH-606	LOCHINVAR	CGN200 080	MAIN LAUNDRY ROOM 606	193	81	100	199	NATURAL GAS	6"	-	1-3, 6
GWH-407	LOCHINVAR	CGN200 100	RES LAUNDRY ROOM 407	193	100	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-6, SEE SCHEDULE
6. INSTALL WITH NEW 6" METAL VENT AND CONNECT TO EXISTING 6" B-VENT THRU ROOF.

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

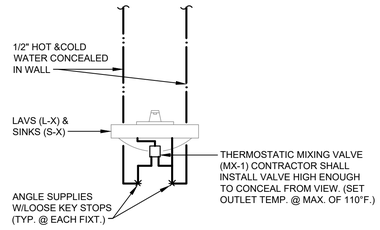
(APPROVED EQUAL: TACO, BELL & GOSSETT, ARMSTRONG)

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

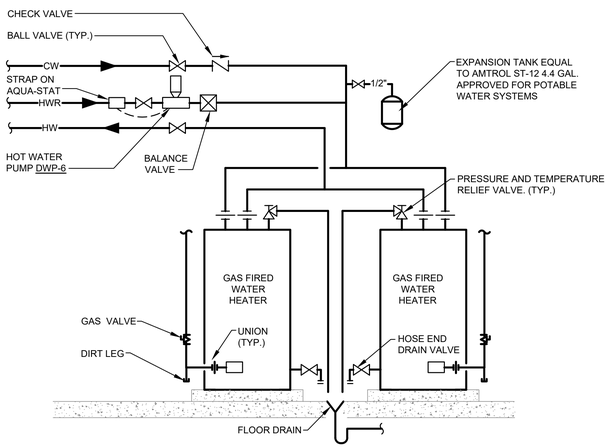
PIPE MATERIAL SCHEDULE

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	GLASS 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.

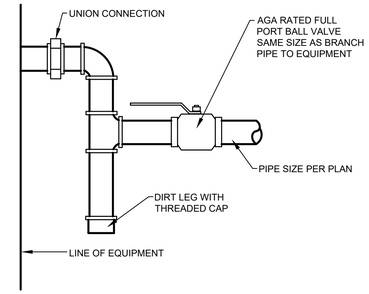
NOTE:
1. FOR EXACT LOCATION OF EACH OUTLET, SEE ARCHITECTURAL PLAN.



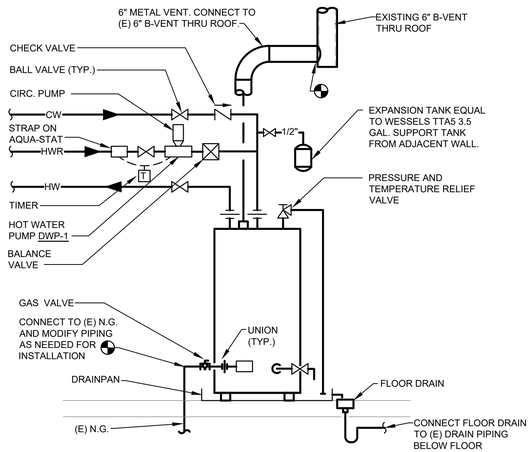
THERMOSTATIC MIXING VALVE DETAIL
N.T.S.



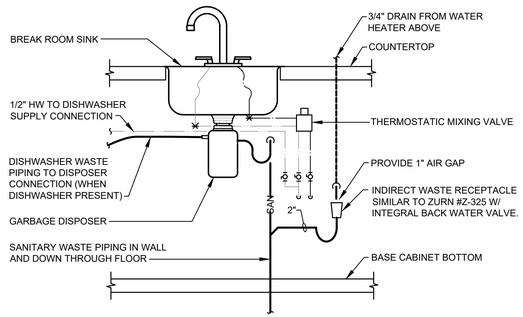
DUPLEX GAS FIRED WATER HEATER PIPING DIAGRAM
N.T.S.



GAS PIPE EQUIPMENT CONNECTION DETAIL
N.T.S.



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



KITCHEN SINK PIPING DETAIL
N.T.S.

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

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION
WESTLAND MICHIGAN

DATE	ISSUE
06.06.25	ADDENDUM #1
03.07.25	BIDS & PERMITS

KEY PLAN

mechanical electrical engineering consultants pc
14496 Sheldon Rd. Ste. 260
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MEEC JOB # 23-0017

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE
PLUMBING SCHEDULES & DETAILS

DRAWING NUMBER
1-P.701

MECHANICAL ABBREVIATIONS

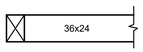
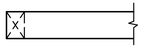
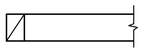
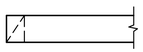
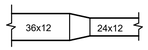
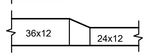
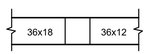
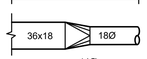
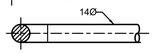
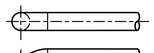
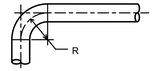
NOTE: ALL ABBREVIATIONS MAY NOT BE USED ON THIS PROJECT

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
	CARBON DIOXIDE SENSOR
	THERMOSTAT OR SENSOR
	HUMIDISTAT
	CONNECT NEW TO EXISTING

SYMBOL	DESCRIPTION
	SUPPLY AIR ELBOW UP DIMENSION DESCRIPTION: 1ST FIGURE = SIDE SHOWN 2ND FIGURE = SIDE NOT SHOWN ALL SIZES IN INCHES
	SUPPLY AIR ELBOW DOWN
	EXHAUST/RETURN AIR ELBOW UP
	EXHAUST/RETURN AIR ELBOW DOWN
	DOUBLE SIDE TRANSITION TRANSITION SLOPE SPECIFICATION: MINIMUM SLOPE = 15° MAXIMUM SLOPE = 45° ALL SIZES IN INCHES
	SINGLE SIDE TRANSITION
	TOP TRANSITION (SLOPE ON TOP)
	RECTANGULAR TO ROUND TRANSITION
	ELBOW UP DIMENSION DESCRIPTION: 14"Ø = ROUND DUCT 24"x12" FO = FLAT OVAL DUCT
	ELBOW DOWN
	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.

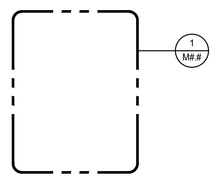
DEMOLITION GENERAL NOTES:

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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
9% PROJECT
500 & 600 WING RENOVATION
WESTLAND MICHIGAN

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
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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.

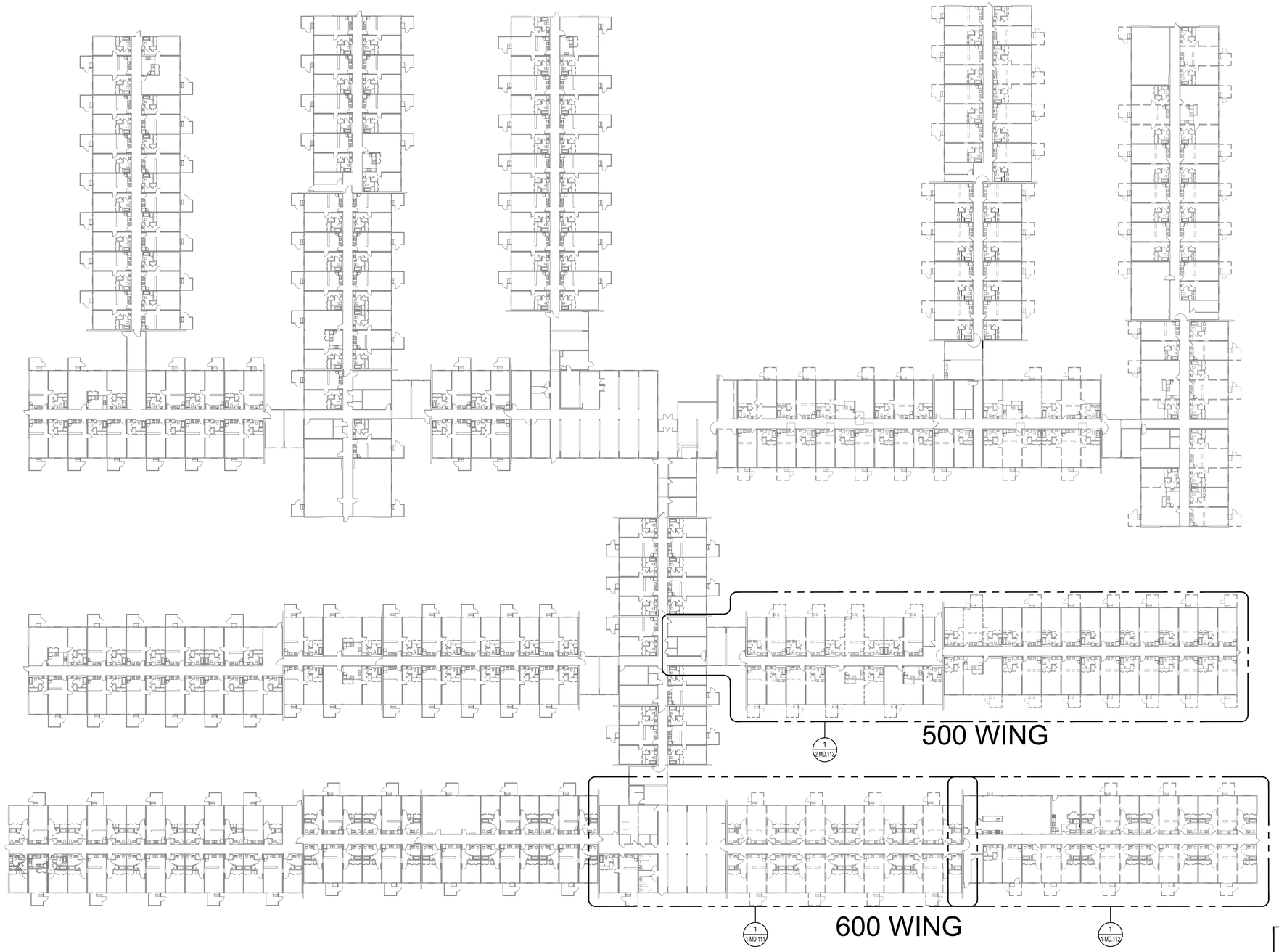
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PVM21.072

DRAWING TITLE

GENERAL MECHANICAL INFORMATION

DRAWING NUMBER

1-M.001



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

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

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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
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OVERALL FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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1-MD.101

mechanical electrical engineering consultants pc
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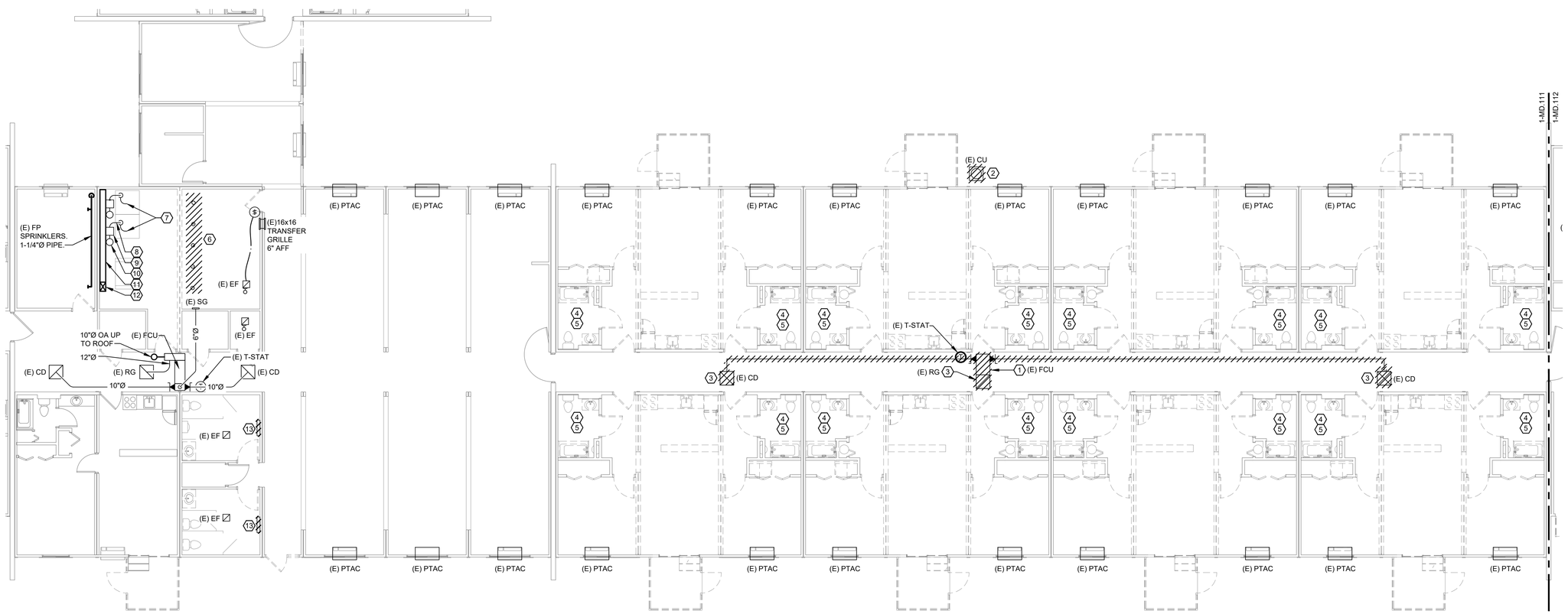
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5. REMOVE (E) WALL HEATER. TYPICAL OF ALL UNITS.
6. REMOVE EXISTING DRYER VENTS THROUGH ROOF AND PATCH AS NEEDED. COORDINATE WITH ARCHITECTURAL TRADES.
7. (E) CONNECTION TO DRYER
8. (E) 8"Ø EXHAUST (TYP) TO REMAIN
9. (E) ENERGIZER (TYP) TO REMAIN
10. (E) 12"Ø EXHAUST (TYP) TO REMAIN
11. (E) 10x20 OA TO REMAIN
12. (E) 10x20 UP TO REMAIN
13. REMOVE EXISTING ELECTRIC RADIANT HEATER.



1 / 1-MD.111 WEST 600 - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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

NORTH

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LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
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03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WEST 600 - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

DRAWING NUMBER

1-MD.111

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

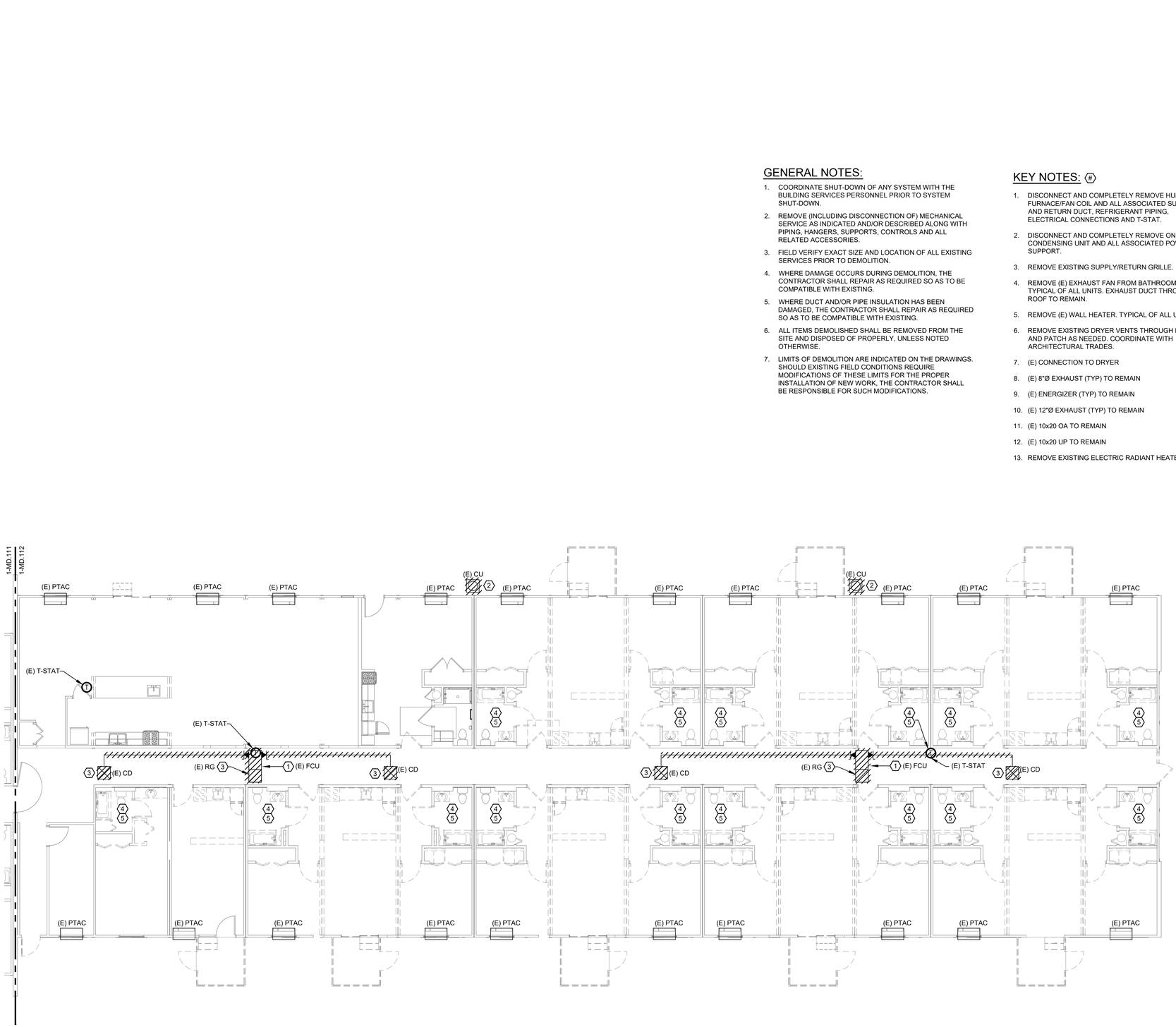
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1 / 1-MD.112 EAST 600 - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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

NORTH

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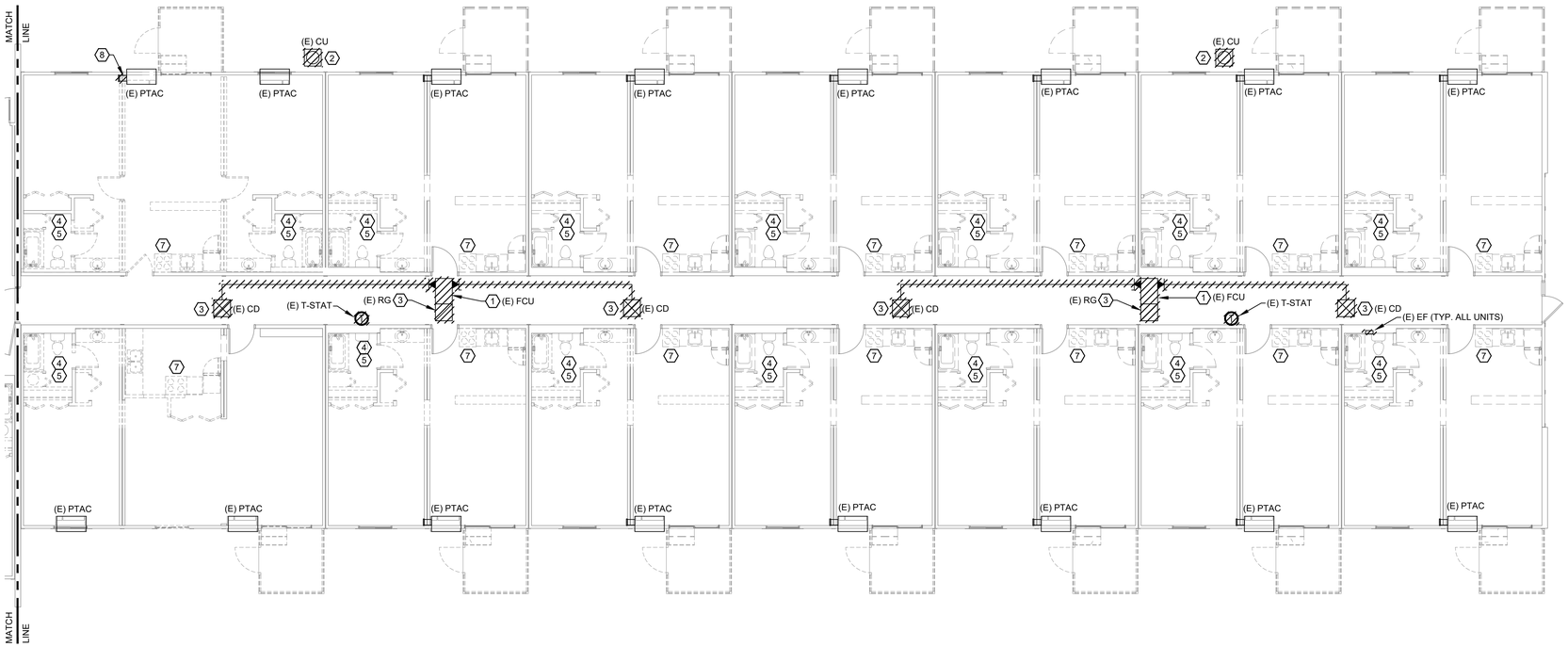
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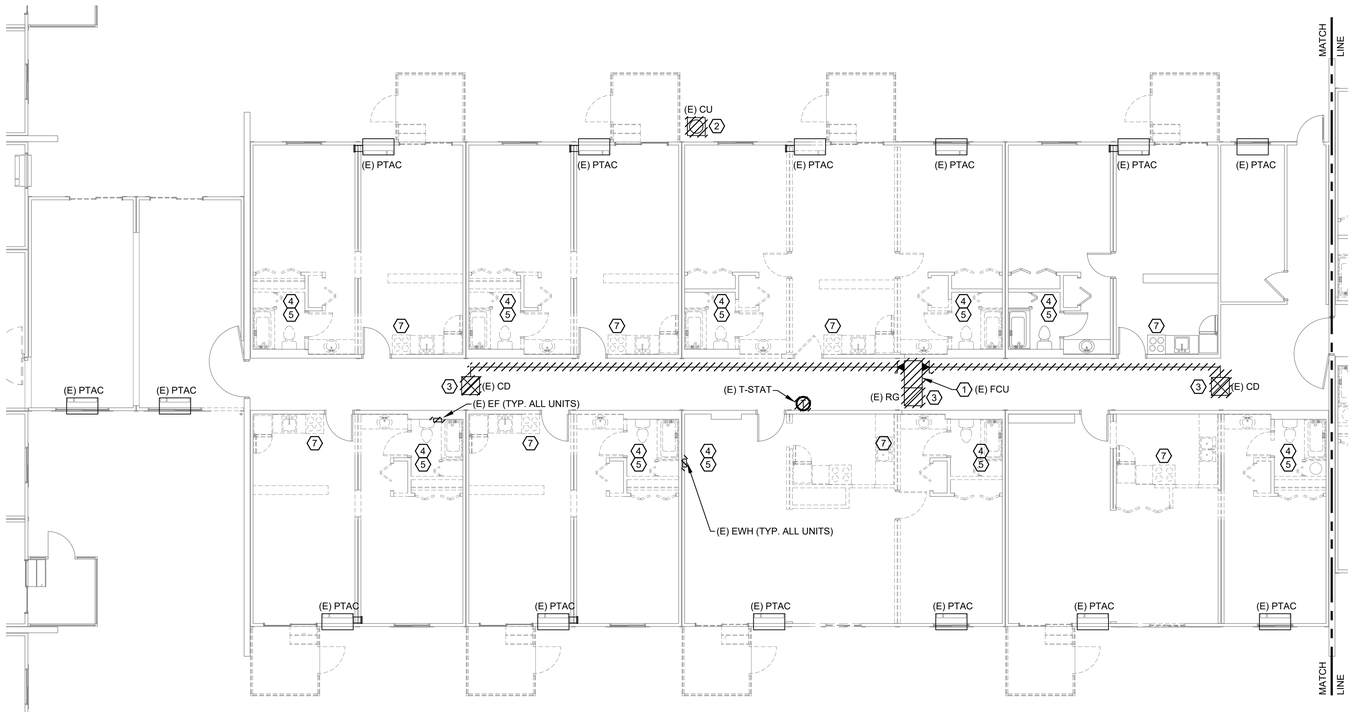
DRAWING TITLE

EAST 600 - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

DRAWING NUMBER

1-MD.112





GENERAL NOTES:

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3. REMOVE EXISTING SUPPLY/RETURN GRILLE.
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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 DUCT FROM PTAC AND PATCH.

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

500 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

DRAWING NUMBER

1-MD.113

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

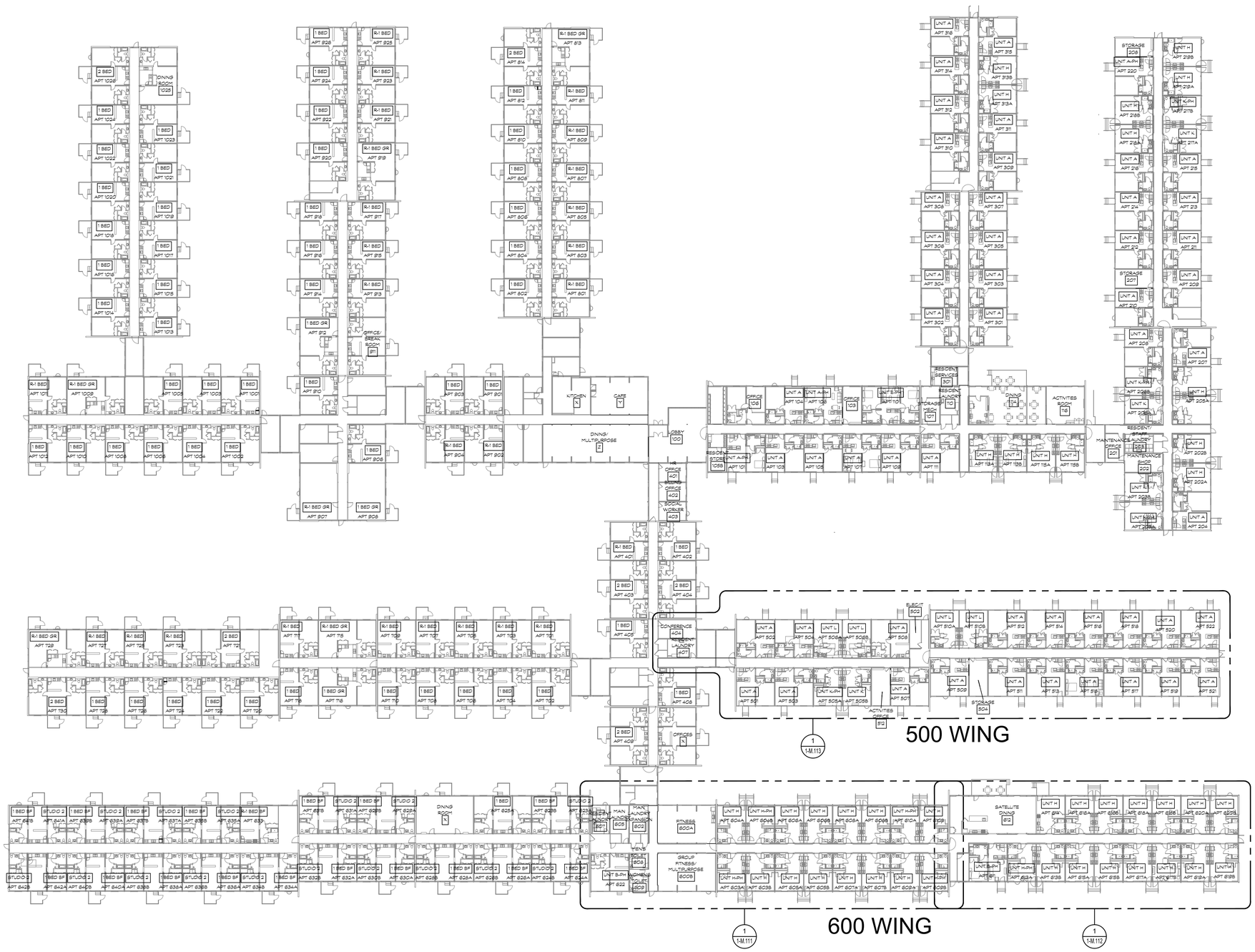
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1 / 1-MD.113

500 WING - FIRST FLOOR - MECHANICAL DEMOLITION PLAN

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

NORTH



OVERALL FIRST FLOOR - MECHANICAL NEW WORK PLAN

1 / 1-M.101

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

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PVM21.072

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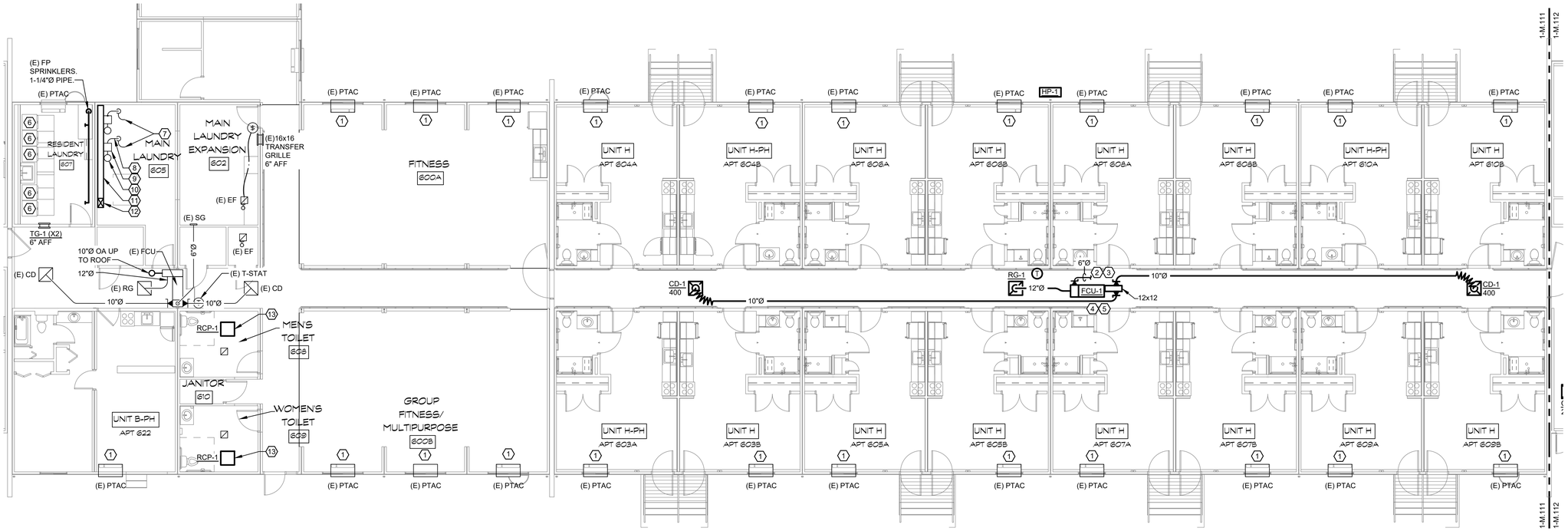
OVERALL FIRST FLOOR - MECHANICAL NEW WORK PLAN

DRAWING NUMBER

1-M.101

KEY NOTES: (#)

1. EXISTING PACKAGED TERMINAL AIR CONDITIONER (PTAC) TO REMAIN.
2. CONNECT TO EXISTING OA DUCT UP TO ROOF INTAKE. VERIFY SIZE AND TYPE OF TRANSITION REQUIRED IN THE FIELD
3. BALANCE OA TO 50 CFM.
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. ROUTE NEW DRYER VENT THOUGH ROOF AND TERMINATE AT VENT CAP.
7. (E) CONNECTION TO DRYER TO REMAIN.
8. (E) 8"Ø EXHAUST (TYP) TO REMAIN.
9. (E) ENERGIZER (TYP) TO REMAIN.
10. (E) 12"Ø EXHAUST (TYP) TO REMAIN.
11. (E) 10x20 OA TO REMAIN.
12. (E) 10X20 UP TO REMAIN.
13. EXISTING EF TO REMAIN. REPLACE GRILLE WITH NEW.



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

NORTH

WEST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLAN

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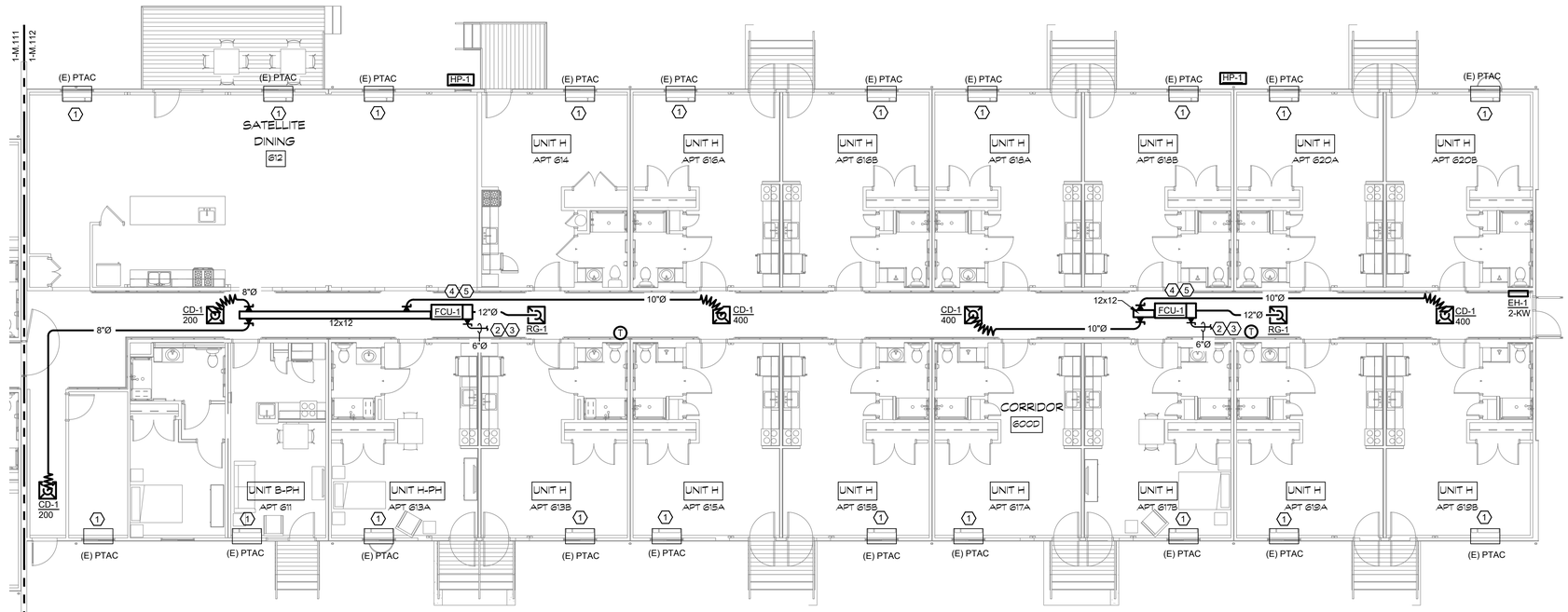
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DRAWING TITLE

WEST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLANS

DRAWING NUMBER

1-M.111



EAST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLAN

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

NORTH

KEY NOTES:

1. EXISTING PACKAGED TERMINAL AIR CONDITIONER (PTAC) TO REMAIN.
2. CONNECT TO EXISTING OA DUCT UP TO ROOF INTAKE. VERIFY SIZE AND TYPE OF TRANSITION REQUIRED IN THE FIELD
3. BALANCE OA TO 50 CFM.
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. ROUTE NEW DRYER VENT THOUGH ROOF AND TERMINATE AT VENT CAP.
7. (E) CONNECTION TO DRYER TO REMAIN.
8. (E) 8"Ø EXHAUST (TYP) TO REMAIN.
9. (E) ENERGIZER (TYP) TO REMAIN.
10. (E) 12"Ø EXHAUST (TYP) TO REMAIN.
11. (E) 10x20 OA TO REMAIN.
12. (E) 10X20 UP TO REMAIN.
13. EXISTING EF TO REMAIN. REPLACE GRILLE WITH NEW.

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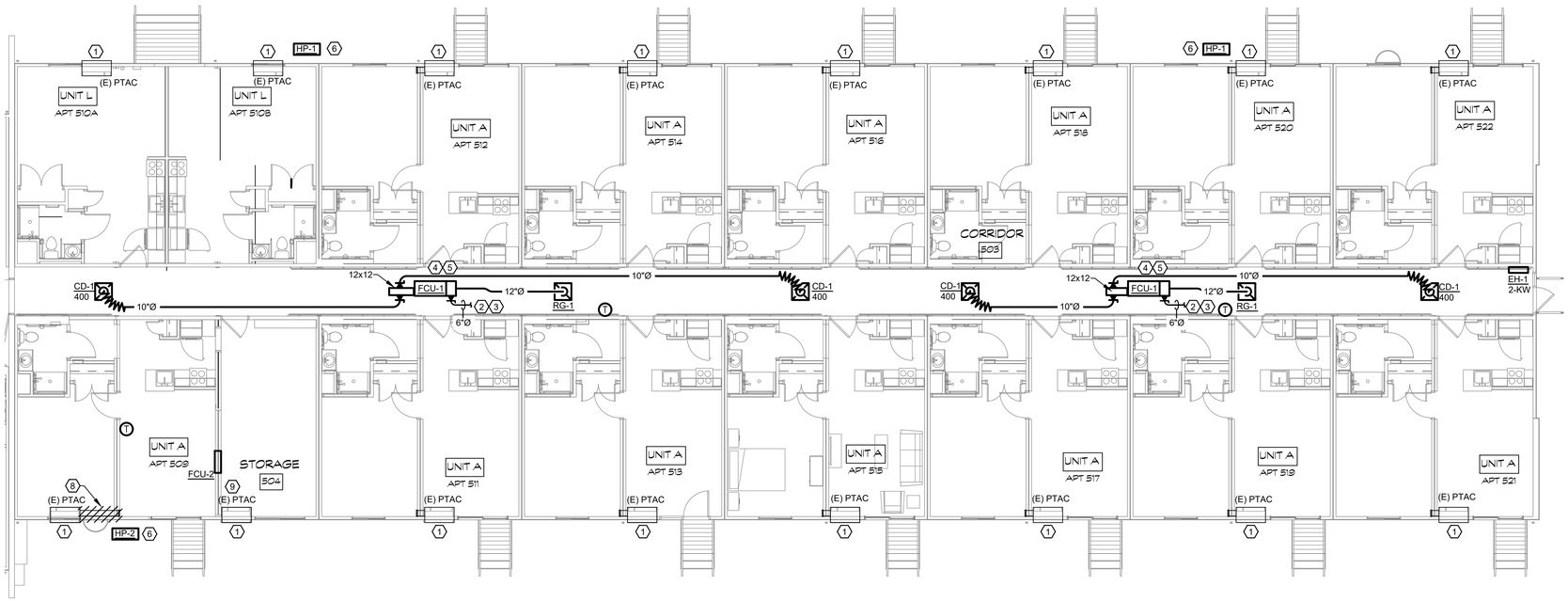
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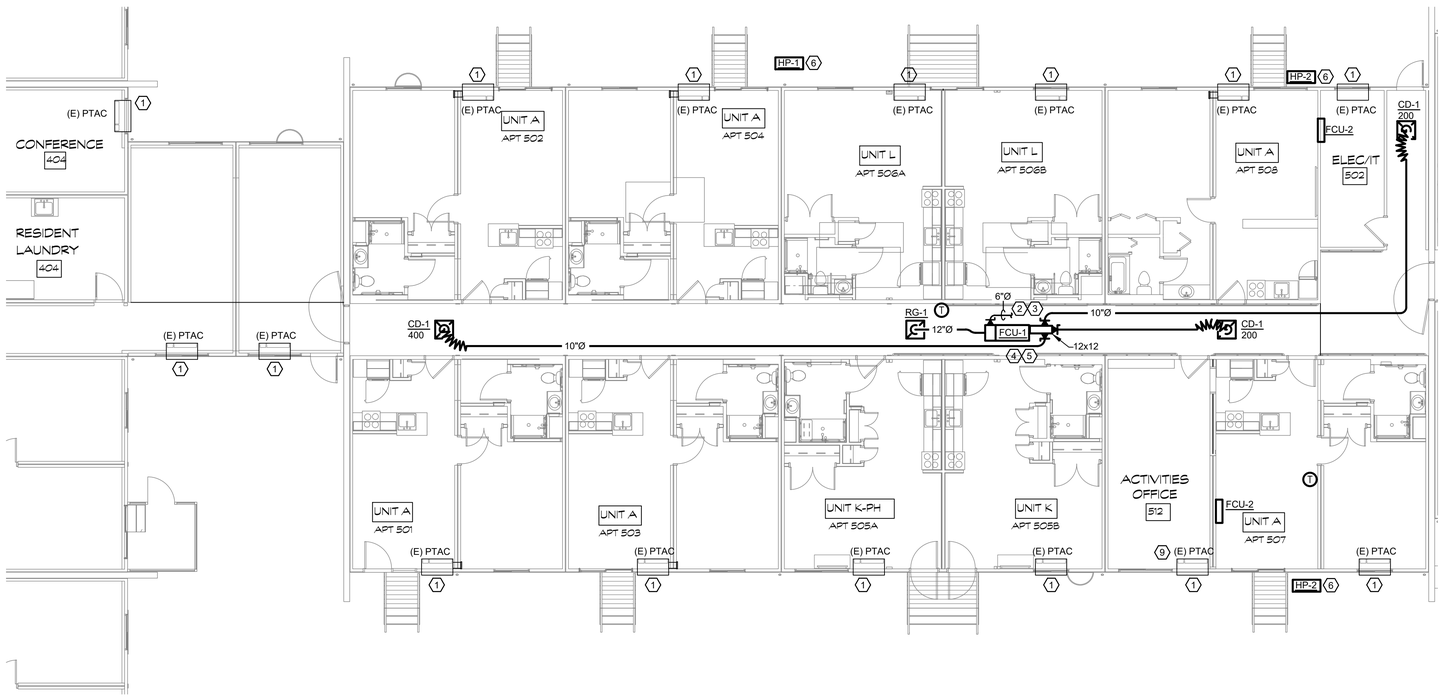
DRAWING TITLE

EAST 600 - FIRST FLOOR - MECHANICAL NEW WORK PLANS

DRAWING NUMBER

1-M.112





NORTH

1 SYMBOL

500 WING - FIRST FLOOR - MECHANICAL NEW WORK PLAN

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

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.

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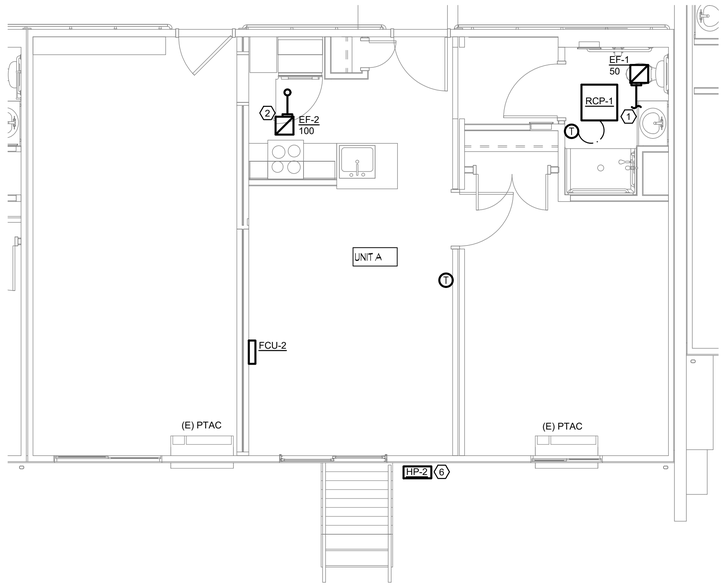
FSP PROJECT NO.
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DRAWING TITLE

500 WING - FIRST FLOOR - MECHANICAL NEW WORK PLANS

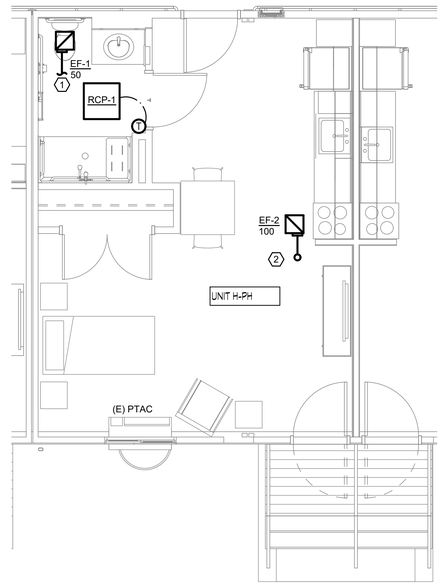
DRAWING NUMBER

1-M.113



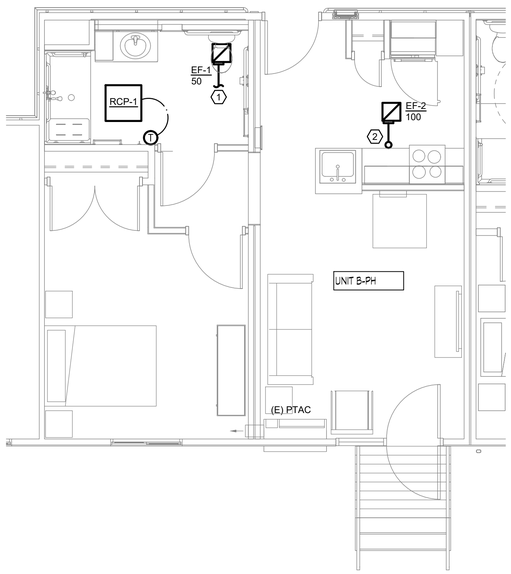
4 / 1-M.511 — UNIT A + SUPPORT SPACE - MECHANICAL PLAN

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



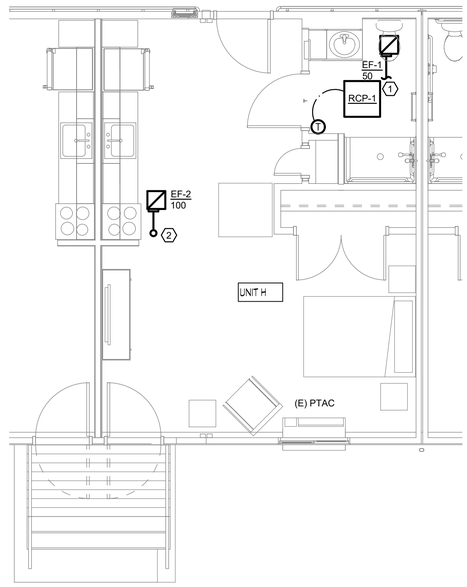
3 / 1-M.511 — UNIT H-PH - MECHANICAL PLAN

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



2 / 1-M.511 — UNIT B-PH - MECHANICAL PLAN

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



1 / 1-M.511 — UNIT H - MECHANICAL PLAN

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

KEY NOTES: (#)

1. CONNECT NEW EXHAUST FAN DUCT UP TO EXISTING ROOF EXHAUST PENETRATION.
2. ROUTE 6"Ø EXHAUST FAN DUCT UP THROUGH ROOF. TERMINATE AT ROOF WITH EXHAUST CAP.

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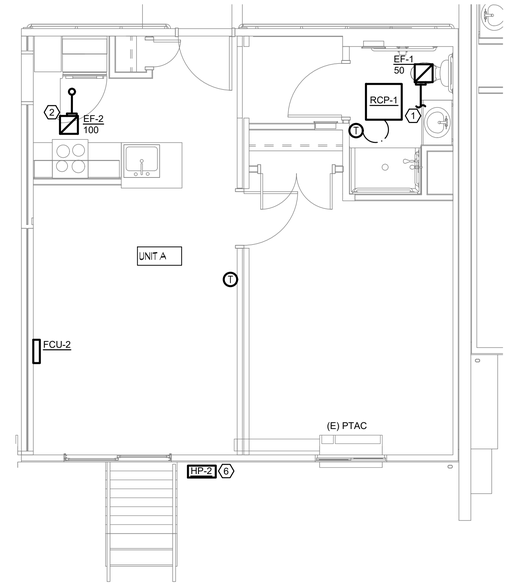
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DRAWING TITLE

500 & 600 TYPICAL UNIT - MECHANICAL PLANS

DRAWING NUMBER

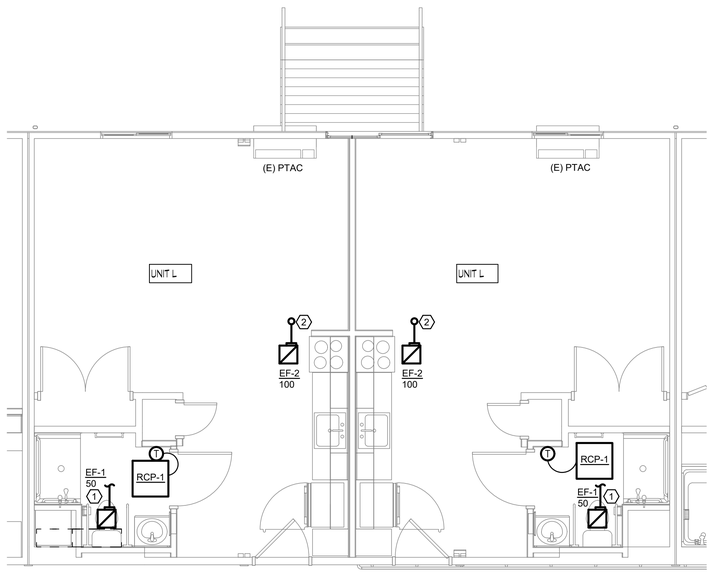
1-M.511



4
1-M.511

UNIT A - MECHANICAL PLAN

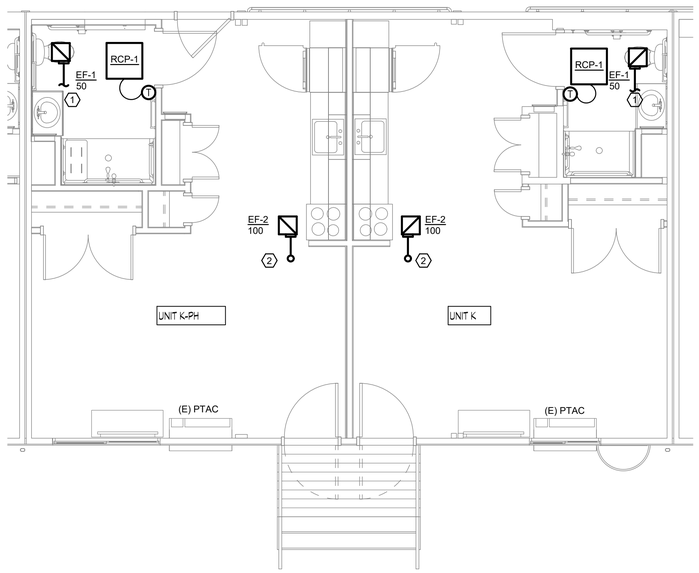
SCALE: 1/4" = 1'-0"



2
1-M.512

UNIT L - MECHANICAL PLAN

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



1
1-M.512

UNIT K & UNIT K-PH - MECHANICAL PLAN

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

KEY NOTES:

1. CONNECT NEW EXHAUST FAN DUCT UP TO EXISTING ROOF EXHAUST PENETRATION.
2. ROUTE 6"Ø EXHAUST FAN DUCT UP THROUGH ROOF. TERMINATE AT ROOF WITH EXHAUST CAP.

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DRAWING TITLE

500 & 600 TYPICAL UNIT - MECHANICAL PLANS

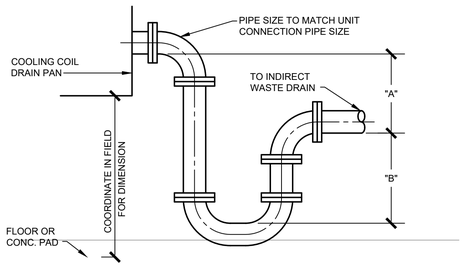
DRAWING NUMBER

1-M.512

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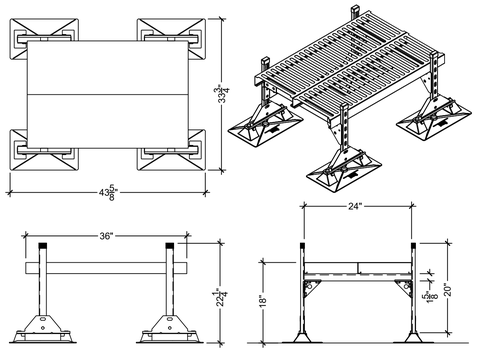
FOR DRAW THROUGH UNIT
DIM 'A' = 1/2 OF DIM 'B'.
DIM 'B' = FAN SUCTION STATIC PRESS. PLUS 2 IN.

FOR BLOW THROUGH UNIT
DIM 'A' = FAN DISCHARGE STATIC PRESS. PLUS 2 IN.
DIM 'B' = 2 IN. MINIMUM.

REFER TO HVAC MANUFACTURER FOR SUCTION OR DISCHARGE TOTAL STATIC PRESSURE.

TYPICAL COOLING COIL DRAIN

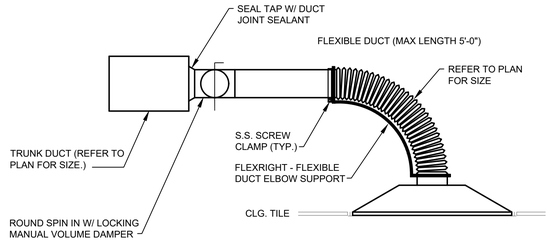
N.T.S.



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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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

MECHANICAL
DETAILS

DRAWING NUMBER

1-M.601

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

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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

500 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 501	855	CORRIDORS	0.06	51	0	0.0	0	0.0	51.3	0.8	64.1		
CORRIDOR 503	1054	CORRIDORS	0.06	63	0	0.0	0	0.0	63.2	0.8	79.0		
COMMUNITY ROOM 506	1396	DINNING ROOM	NATURAL VENTILATION 1396 S.F. X 4% OPERABLE AREA TO EXTERIOR. 56 S.F. REQUIRED, 63 S.F. OPENABLE AREA AVAILABLE (OPERABLE WINDOWS & DOORS).										

600 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 600	1850	CORRIDORS	0.06	111	0	0.0	0	0.0	111.0	0.8	138.8	140	150

GRILLES REGISTERS AND DIFFUSERS SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	NECK SIZE	DIFFUSER SIZE	COLOR	MOUNTING TYPE	CONSTRUCTION	DAMPER	NOTES
CD-1	PRICE	SPD / 31	10" Ø	24" x 24"	WHITE	LAY - IN	STEEL	VCR 7 - O.B.D.	1
RG-1	PRICE	80 / TB / A	22" x 22"	24" x 24"	WHITE	LAY-IN	ALUMINUM	-	1
TG-1	PRICE	535	16" x 16"	18.5" x 18.5"	WHITE	SURFACE	STEEL	-	1

(APPROVED EQUAL: TITUS, PRICE, NAILOR, TUTTLE & BAILEY)

NOTES:
1. PROVIDE ALL ACCESSORIES NEEDED TO PROPERLY MOUNT DEVICES.

DUCTLESS SPLIT & CONDENSING UNIT SCHEDULE

EVAPORATOR SECTION							CONDENSER SECTION						REFRIGERANT	NOTES
MARK	MANUFACTURER	MODEL NUMBER	TYPE	TOTAL COOLING (BTUH)	AIRFLOW (CFM) HIGH / LOW	OUTSIDE AIR CFM	MARK	MANUFACTURER	MODEL NUMBER	ELECTRICAL DATA VOLTAGE / PHASE	MCA	MOP		
FCU-1	CARRIER	40MBABQ24XB3	AHU	21.3	629/694/759/824	50	HP-1	CARRIER	38MARBQ24AA3	208-230 / 1	25	35	410A	1-9
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

(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 LOW AMBIENT KIT FOR OPERATION DOWN TO -14°F.
6. FACTORY MOUNTED CONDENSATE PUMP.
7. INVERTER TYPE COMPRESSOR.
8. MOUNT AIR COOLED CONDENSING UNIT ON WALL.
9. INDOOR UNIT POWERED FROM AIR COOLED CONDENSING UNIT PER MANUFACTURE'S SCHEMATIC.

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
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.

DUCTWORK CONSTRUCTION & INSULATION SCHEDULE

AIR SYSTEM	MATERIAL	INSULATION MINIMUM R-VALUE	DESIGN PRESSURE CLASSIFICATION (INCHES, WG)
SUPPLY AIR DUCTWORK WITHIN THE BUILDING & CONCEALED ABOVE THE CEILING	GALVANIZED STEEL, DUCT WRAP INSULATION WITH VAPOR BARRIER	R-1.9	+ 2
EXHAUST AIR DUCTWORK	GALVANIZED STEEL	-	- 2
RETURN AIR DUCTWORK	GALVANIZED STEEL	-	- 2
OUTSIDE AIR INTAKE DUCTWORK	GALVANIZED STEEL, DUCT WRAP INSULATION WITH VAPOR BARRIER	R-4	- 2

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SEAL

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

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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
MECHANICAL SCHEDULES

DRAWING NUMBER
1-M.701

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.
- GFCI — 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
- 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
- 30/10 — 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 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
- WS — 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
- DS — 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
- 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.
9. 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.
10. MOUNT APARTMENT UNIT LOAD CENTERS SUCH THAT ALL CIRCUIT BREAKER HANDLES ARE NO HIGHER THAN +48" AFF AND NO LOWER THAN 15" AFF.
11. 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.
14. 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.

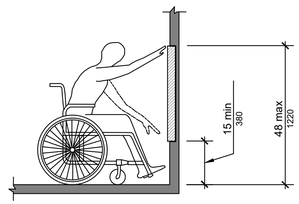


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

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.

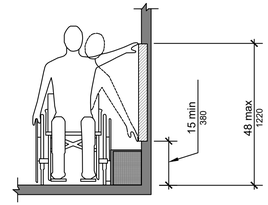


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

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.

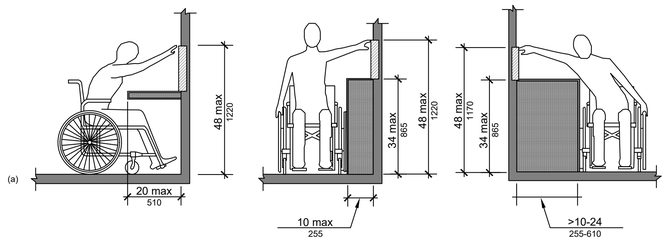


FIGURE 308.3.2
OBSTRUCTED HIGH SIDE REACH

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.

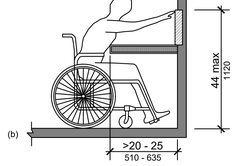


FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

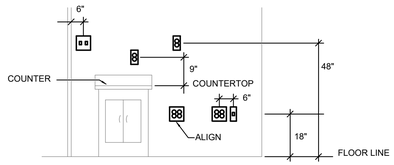
308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20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

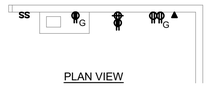
ELECTRICAL CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROLS, RECEPTACLES AND OTHER OPERATING PARTS IN CONFORMANCE WITH 1CC A117.1-2009 (NEC ANNEX 'J') & AS DESCRIBED ABOVE.

ACCESSIBILITY REACH DETAILS

N. T. S.



ELEVATION



PLAN VIEW

TYPICAL OUTLET INSTALLATION DETAIL

N. T. S.

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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, NOTES & ABBREVIATIONS

DRAWING NUMBER

1-E.001

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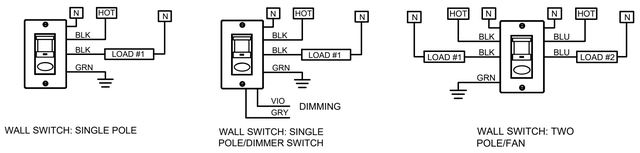
MEEC JOB # 23-0017

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.

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	FMVCCSL-36IN-MVOLT-30K-90CRI-BN	--	MOUNT ABOVE MIRROR	--
'B1'	VANITY LED 24"	LED	1304	3000K	90	120	17.7	MLV DRIVER	LITHONIA	FMVCCSL-24IN-MVOLT-30K-90CRI-BN	--	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
'E'	RECESSED 2'x4' LED TROFFER	LED	3188	3000K	90	120	36	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
'N'	SHOWER LIGHT LED	LED	950	2700K	90	120	9	0-10V DRIVER	JUNO	JSBT-4IN-90CRI-WL-MW	--	JUNCTION BOX MOUNTING	--
'P'	19" DIAMETER SUSPENDED FIXTURE WITH SHALLOW LENS	LED	3825	3000K	82	120	49	0-10V DRIVER	BROWNLEE	2681-19-BN-R49-FL2-CC1-XX-30K	--	CORD & CABLE HUNG AT 96" AFF	CORD FINISH AS SELECTED BY ARCHITECT
'Q'	42" CEILING FAN WITH LIGHT FIXTURE	LED	1240	3000K	90	120	59	TRIAC OR ELV	RP LIGHTING	1021-BN-WT-ES-WC8	--	JUNCTION BOX MOUNTING	WC8 WALL CONTROL - LIGHT (DIMMING) & 3-SPEED FAN CONTROL
'R'	19" DIAMETER DRUM WITH DROP LENS	LED	3825	3000K	82	120	49	0-10V DRIVER	BROWNLEE	2081-19-BN-R49-FL1-30K	--	SURFACE CEILING MOUNT	--
'S'	4'-0" LONG VOLUMETRIC FIXTURE	LED	3834	3000K	82	120	35	0-10V DRIVER	LITHONIA	STL4-40L-EZ1-LP830	--	SURFACE CEILING MOUNT	--
'SX'	4'-0" LONG VOLUMETRIC FIXTURE	LED	3834	3000K	82	120	35	0-10V DRIVER	LITHONIA	STL4-40L-EZ1-LP830-EL14L	--	SURFACE CEILING MOUNT	--
'T'	4'-0" LONG STRIP FIXTURE	LED	3000	3000K	82	120	19	0-10V DRIVER	LITHONIA	CLX-L48-3000LM-SEF-RDL-120-GZ10-30K-80CRI-WH	--	SURFACE CEILING MOUNT	--
'TX'	4'-0" LONG STRIP FIXTURE	LED	3000	3000K	82	120	19	0-10V DRIVER	LITHONIA	CLX-L48-3000LM-SEF-RDL-120-GZ10-30K-80CRI-E10W-WH	--	SURFACE CEILING MOUNT	--
'U'	18" UNDERCABINET FIXTURE	LED	624	3000K	90	MVOLT	13	24V TRANSFORMER	LITHONIA	RAZ 18IN 30K 90CRI RAZTRANS24 MVOLT	--	SURFACE MOUNT	PROVIDE ALL NECESSARY ACCESSORIES FOR A COMPLETE INSTALLATION
'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-RN RID	--	CEILING OR WALL MOUNT AS INDICATED	SINGLE OR DOUBLE FACE AS INDICATED REMOTE CAPACITY TO POWER TYPE 'EM1'
'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	--
'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 OC	PHOTOCELL	MOUNT IN WALL +18' A.F.F. TO CENTER OF FIXTURE	DOUBLE FACE



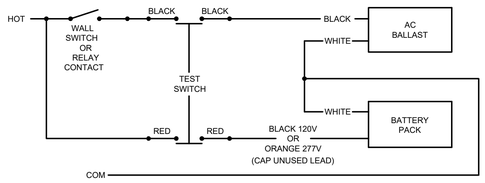
WALL SWITCH: SINGLE POLE

WALL SWITCH: SINGLE POLE/DIMMER SWITCH

WALL SWITCH: TWO POLE/FAN

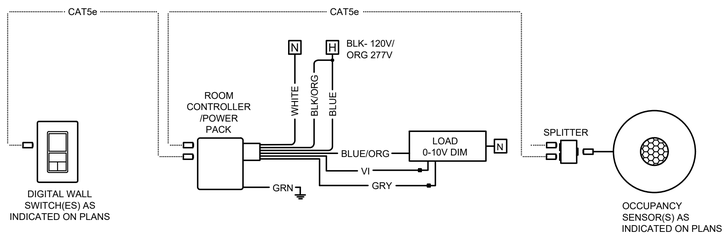
TYPICAL OCCUPANCY WALL SWITCH WIRING DETAILS

N.T.S.



EMERGENCY LIGHTING BATTERY BACK-UP WIRING DIAGRAM

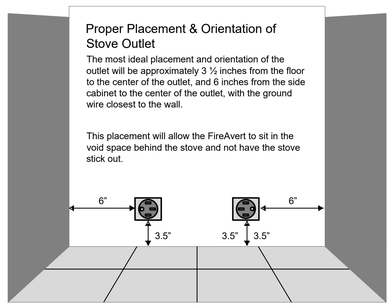
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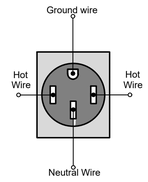


DIGITAL LIGHTING CONTROL WIRING DIAGRAM

N.T.S.

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





NEMA 14-5R RANGE RECEPTACLE INSTALLATION DETAIL

N.T.S.

AUTOMATIC LIGHTING CONTROL LEGEND

WALL CONTROLLERS

10 WSXA PDT 2P FAN ASHRT WH
WALL SWITCH SENSOR, PASSIVE DUAL TECHNOLOGY

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

12 WSXA 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

26 FCS 7TSN DBL
FRESCO 7" TOUCHSCREEN CONTROLLER WITH INTEGRAL CLOCK

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 90.1/2019. 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. 100V - 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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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

ELECTRICAL LIGHT FIXTURE SCHEDULE, CONTROL LEGEND & NOTES

DRAWING NUMBER

1-E.002

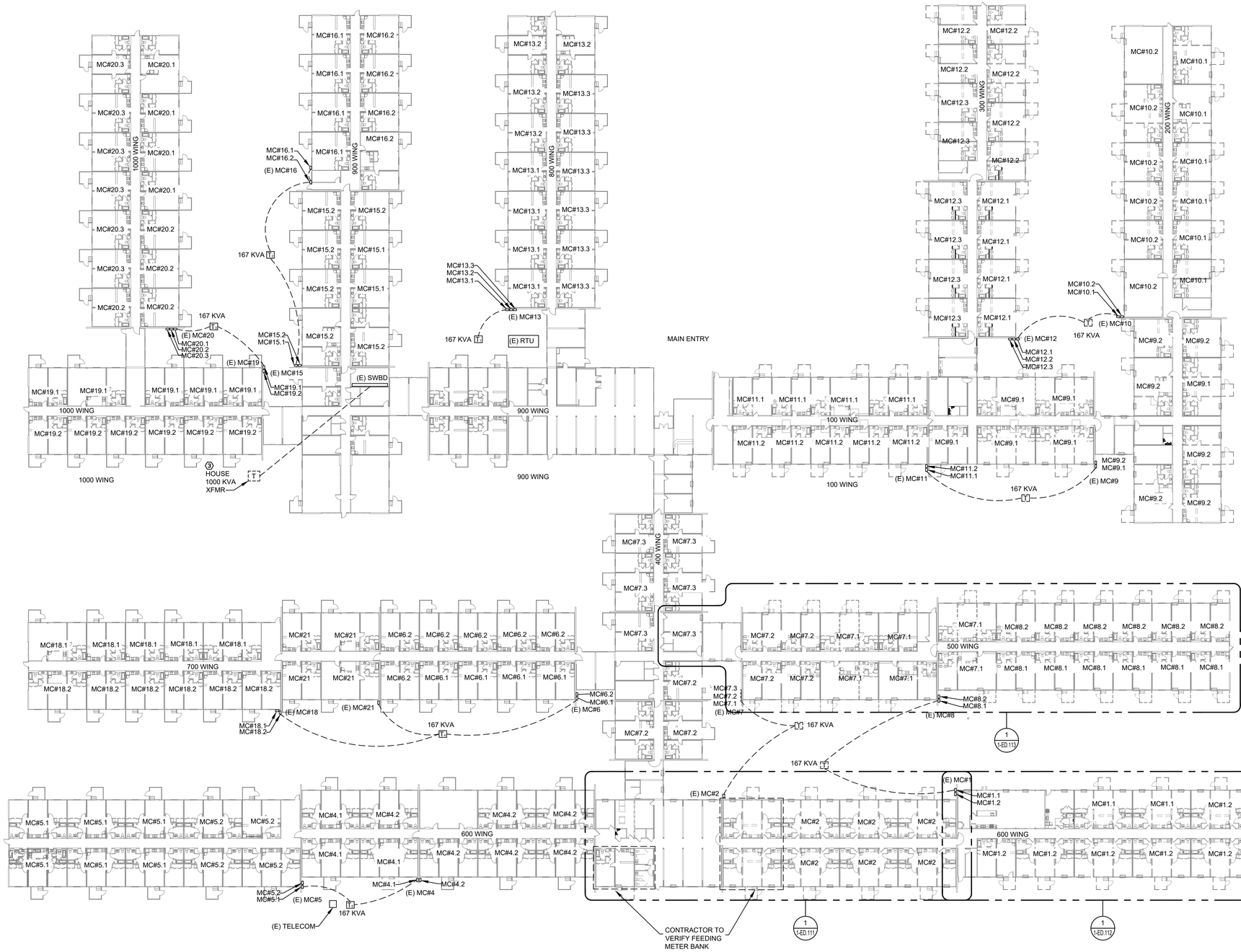
mechanical electrical engineering consultants pc
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P 734-454-5516
F 734-454-5517

MEEC JOB # 23-0017

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DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 1-E.001 FOR ELECTRICAL SYMBOL LIST, ABBREVIATIONS AND PROJECT NOTES.
2. ALL EQUIPMENT, DEVICES, ETC. SHOWN SOLID ARE EXISTING TO REMAIN.
3. UNLESS OTHERWISE NOTED, ALL METER CENTERS ARE EXISTING TO REMAIN.



OVERALL FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

NORTH

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ARCHITECTS AND PLANNERS

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ENGINEER
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LICENSED PROFESSIONAL ENGINEER
06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

OVERALL FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

DRAWING NUMBER

1-ED.101

mechanical electrical engineering consultants pc
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MEEC JOB # 23-0017

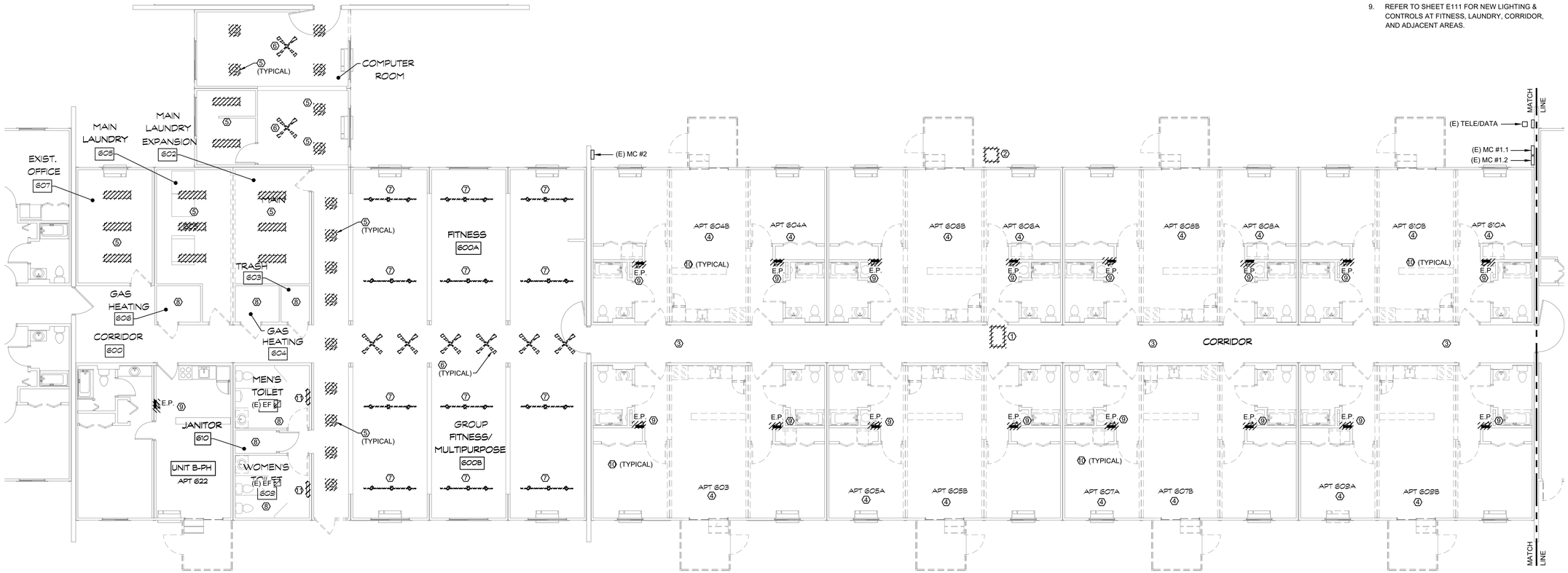
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KEY NOTES: ⟨#⟩

1. EXISTING FURNACE ABOVE CEILING TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING 120V. POWER FOR NEW FCU-1. SEE SHEET 1-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 ED.511 FOR DEMOLITION THIS AREA.
5. REPLACE LIGHT FIXTURE WITH NEW AT SAME LOCATION, RECONNECT EXISTING CIRCUIT AND PROVIDE NEW CONTROLS.
6. REPLACE EXISTING CEILING FAN AT SAME LOCATION AND RECONNECT EXISTING CIRCUIT AND CONTROLS.
7. REPLACE TRACK LIGHTING WITH NEW AT SAME LOCATION, RECONNECT EXISTING CIRCUIT AND PROVIDE NEW CONTROLS.
8. REPLACE LIGHT FIXTURE, RECONNECT TO EXISTING CIRCUITING AND PROVIDE NEW CONTROLS.
9. DEMOLISH AND REPLACE EXISTING LOAD CENTERS WITH NEW.
10. REPLACE LIGHT FIXTURE, REUSE EXISTING CIRCUITING AND SWITCH.
11. DISCONNECT POWER FROM EXISTING ELECTRIC WALL HEATER. RETAIN POWER CIRCUIT FOR NEW UNIT.

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 1-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.
9. REFER TO SHEET E111 FOR NEW LIGHTING & CONTROLS AT FITNESS, LAUNDRY, CORRIDOR, AND ADJACENT AREAS.



NORTH

1 / 1-ED.111

WEST 600 - ELECTRICAL - DEMOLITION PLAN

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

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06/26/26

PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

WEST 600 - ELECTRICAL - DEMOLITION PLAN

DRAWING NUMBER

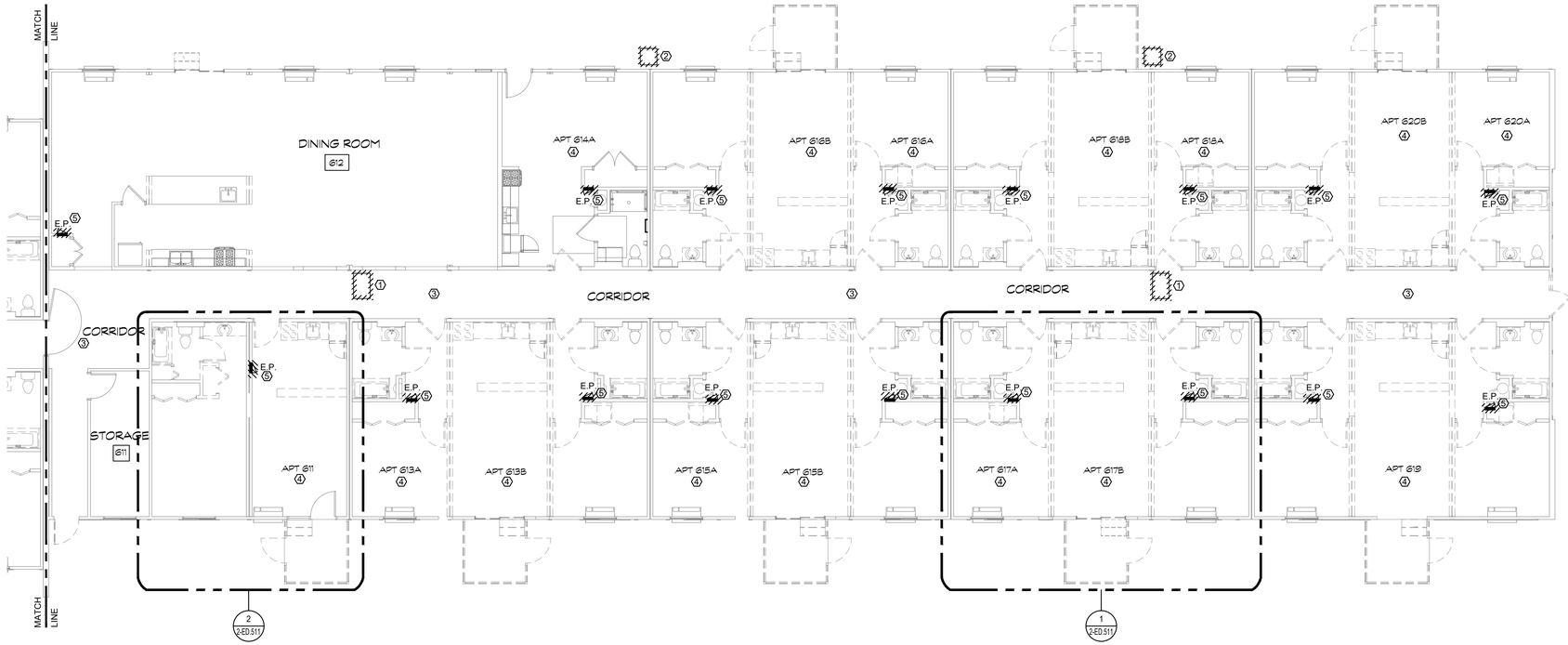
1-ED.111

KEY NOTES: (#)

1. EXISTING FURNACE ABOVE CEILING TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING 120V. POWER FOR NEW FCU-1. SEE SHEET 1-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 1-ED.511 FOR DEMOLITION OF THIS AREA.
5. REPLACE EXISTING LOAD CENTERS WITH NEW.

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 1-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.



NORTH

1 / 1-ED.112 EAST 600 - ELECTRICAL - DEMOLITION PLAN

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

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
06.26.26	UPDATED BIDS
03.07.25	BIDS & PERMITS

KEY PLAN

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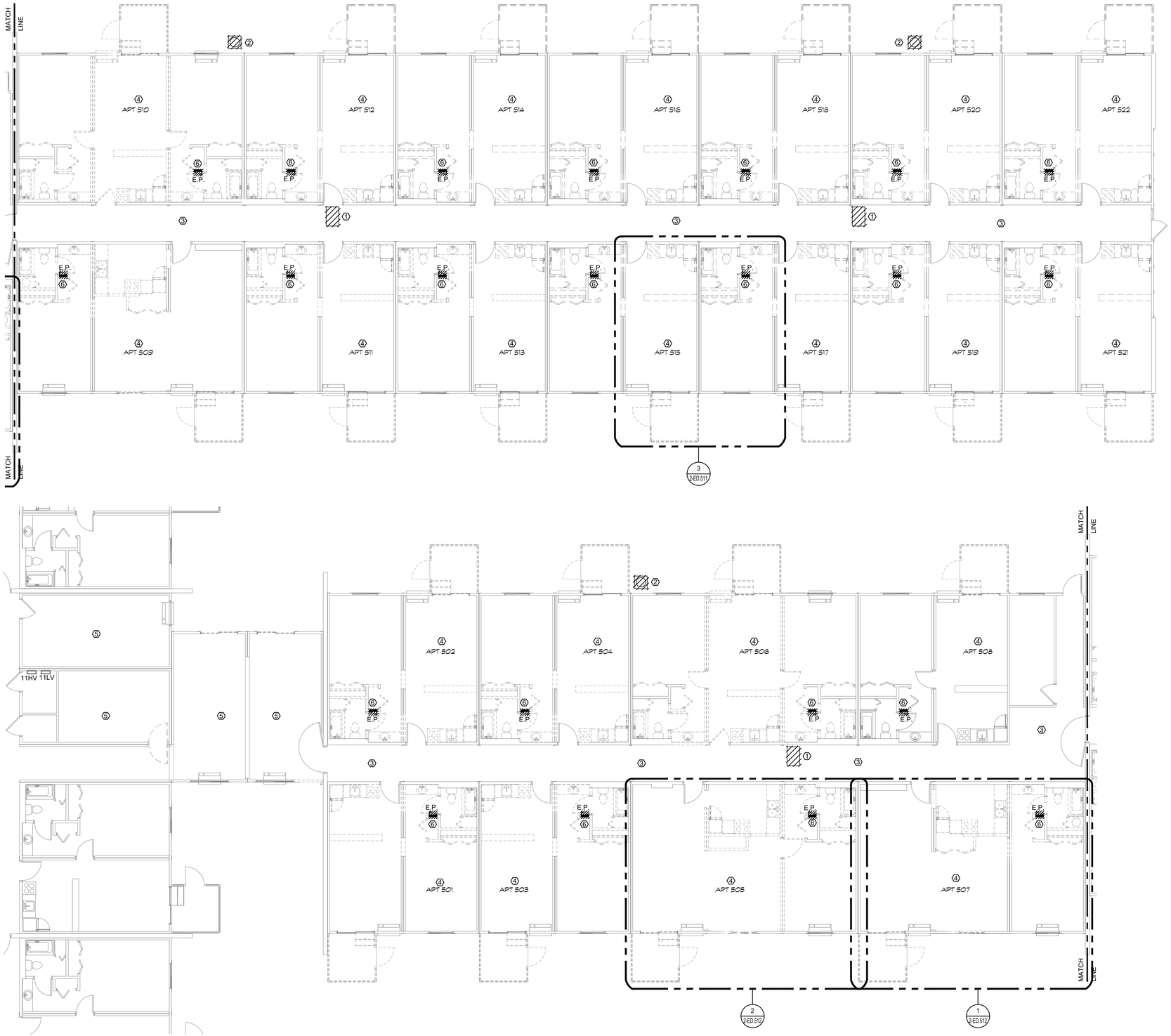
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PVM21.072

DRAWING TITLE

EAST 600 - ELECTRICAL - DEMOLITION PLAN

DRAWING NUMBER

1-ED.112



DEMOLITION GENERAL NOTES:

1. REFER TO SHEET 1-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 1-E.113 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 1-ED.511 AND 1-ED.512 FOR DEMOLITION OF THIS AREA.
5. REMOVE ALL EXISTING LIGHTING AND FIRE ALARM DEVICES.
6. REPLACE EXISTING LOAD CENTERS WITH NEW.

500 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

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

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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

500 WING - FIRST FLOOR - ELECTRICAL DEMOLITION PLAN

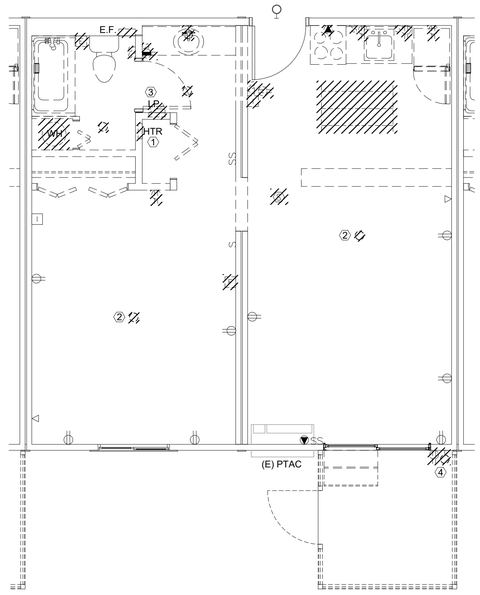
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1-ED.113

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MEEC JOB # 23-0017

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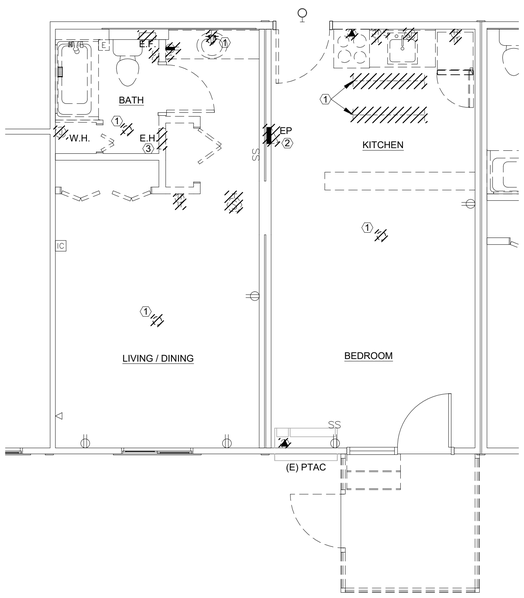


3
1-ED.511

UNIT A - ELECTRICAL - DEMOLITION PLAN

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

NORTH

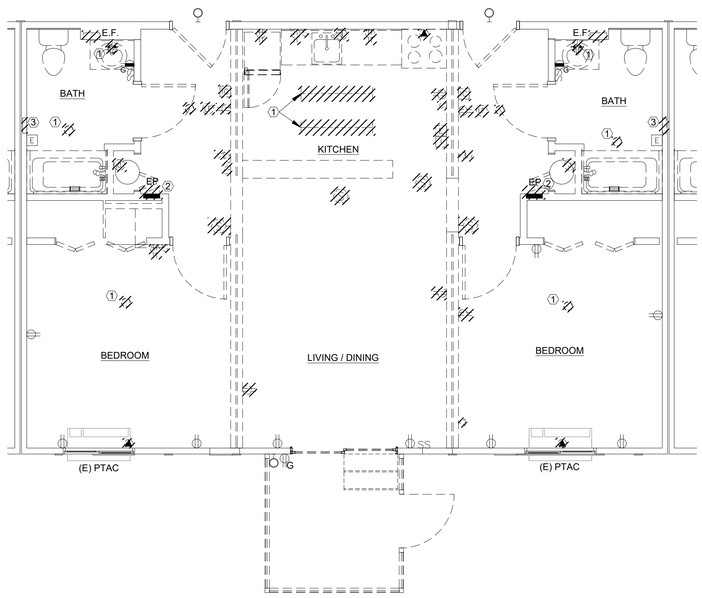


1
1-ED.511

UNIT B-PH -600 WING-ELECTRICAL - DEMOLITION PLAN

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

NORTH



2
1-ED.511

UNIT H AND H-PH-600 WING-ELECTRICAL-DEMOLITION PLAN

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

NORTH

KEY NOTES: (#)

1. REMOVE EXISTING LIGHTING FIXTURE AND REPLACE WITH NEW LIGHT FIXTURE.
2. EXISTING LOAD CENTER TO DEMOLISH AND REPLACED WITH NEW ONE.
3. CUT-OFF EXISTING BRANCH CIRCUIT WIRING SERVICE ELECTRIC HEATER AND MAKE BOX READY FOR PATCHING BY ARCHITECTURAL TRADES.

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

WESTLAND MICHIGAN

DATE	ISSUE
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03.07.25	BIDS & PERMITS

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

500 & 600 TYPICAL - ELECTRICAL - DEMOLITION PLAN

DRAWING NUMBER

1-ED.511

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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.

NORTH

1 / 1-ED.512 UNIT D - ELECTRICAL - DEMOLITION PLAN

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

NORTH

2 / 1-ED.512 UNIT E - ELECTRICAL - DEMOLITION PLAN

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

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

500 & 600 TYPICAL -
ELECTRICAL - DEMOLITION PLAN

DRAWING NUMBER

1-ED.512



OVERALL FIRST FLOOR - ELECTRICAL NEW WORK PLAN

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

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KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

OVERALL FIRST FLOOR - EXISTING ELECTRICAL PLAN

DRAWING NUMBER

1-E.101

mechanical electrical engineering consultants pc
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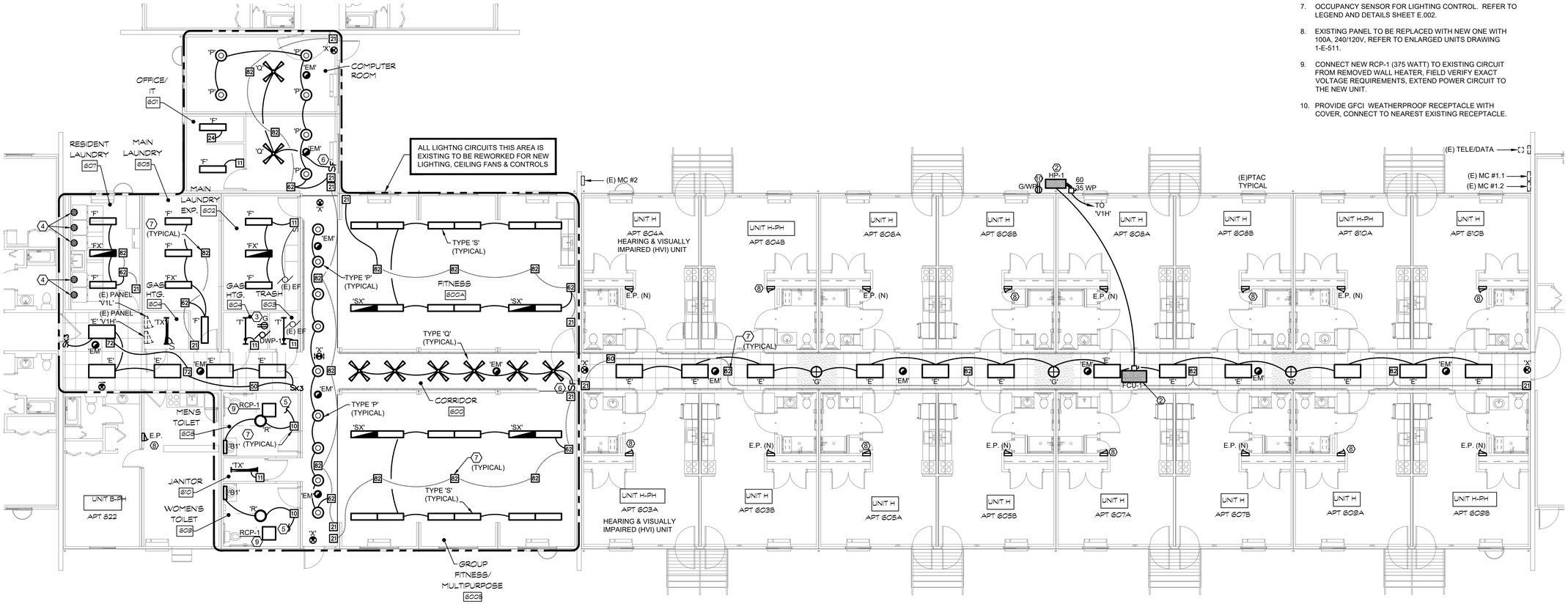
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GENERAL NOTES:

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

KEY NOTES: ⟨#⟩

1. NEW FAN COIL UNIT (FCU-1) ABOVE CEILING. CONNECT TO EXISTING 120V. CIRCUIT SUPPLYING EXISTING FURNACE BEING REMOVED.
2. NEW HEAT PUMP (HP-1). ELECTRICAL CONTRACTOR TO REPLACE EXISTING 2P. C.B. IN PANEL 'V1H' WITH NEW 35A-2P. C.B. NEW WIRING TO PANEL 'V1H' SHALL BE PROVIDED, SIZE 2#8, 1#10G, FROM PANEL 'V1H' TO 'HP-1'. INDOOR UNIT SHALL BE POWERED FROM OUTDOOR UNIT, COORDINATE EXACT LOCATION WITH MECHANICAL TO AVOID ANY INTERFERENCES WITH LIGHTING FIXTURES
3. PROVIDE GFCI TYPE DUPLEX RECEPTACLE FOR NEW DOMESTIC WATER PUMP (DWP-1). VERIFY EXACT LOCATION & MOUNTING HEIGHT WITH MECH. TRADES PRIOR TO ROUGH-IN. CONNECT TO SPARE CIRCUIT BREAKER IN PANEL 'V1L'.
4. RELOCATED WASHER/DRYER OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW OUTLET COMPATIBLE WITH WASHER/DRYER REQUIREMENTS AND CONNECT TO EXISTING CIRCUITS.
5. TO EXISTING CEILING MOUNTED EXHAUST FAN.
6. SWITCH FOR CEILING FAN LIGHTING (DIMMING) & 3-SPEED CONTROLS.
7. OCCUPANCY SENSOR FOR LIGHTING CONTROL. REFER TO LEGEND AND DETAILS SHEET E.002.
8. EXISTING PANEL TO BE REPLACED WITH NEW ONE WITH 100A, 240/120V, REFER TO ENLARGED UNITS DRAWING 1-E-511.
9. CONNECT NEW RCP-1 (375 WATT) TO EXISTING CIRCUIT FROM REMOVED WALL HEATER, FIELD VERIFY EXACT VOLTAGE REQUIREMENTS, EXTEND POWER CIRCUIT TO THE NEW UNIT.
10. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.



NORTH

1 / 1-E.111 WEST 600 - ELECTRICAL - NEW WORK PLAN

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

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PRESBYTERIAN VILLAGES OF MICHIGAN
VILLAGE OF WESTLAND
9% PROJECT
500 & 600 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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Plymouth, MI 48170
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MEEC JOB # 23-0017

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

WEST 600 - ELECTRICAL - NEW WORK PLAN

DRAWING NUMBER

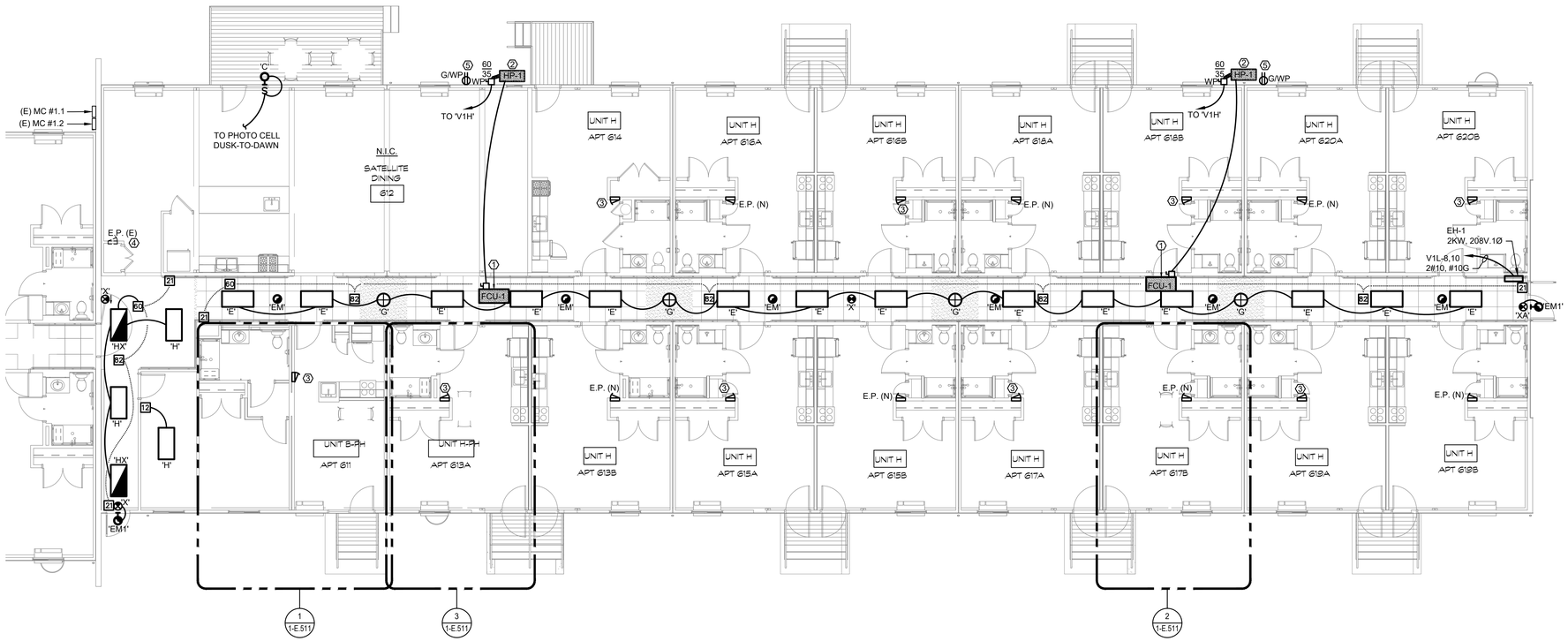
1-E.111

GENERAL NOTES:

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

KEY NOTES: (#)

1. NEW FAN COIL UNIT (FCU-1) ABOVE CEILING. CONNECT TO OUTDOOR UNIT. FIELD COORDINATE EXACT LOCATION WITH MECHANICAL TO AVOID ANY INTERFERENCES WITH LIGHTING FIXTURE.
2. NEW HEAT PUMP (HP-1). ELECTRICAL CONTRACTOR TO REPLACE EXIST. 2P. C.B. IN PANEL 'V1H' WITH NEW 35A.2P. C.B. NEW WIRING TO PANEL 'V1H' SHALL BE PROVIDED, SIZE 2#8, 1#10G, FROM PANEL 'V1H' TO 'HP-1'.
3. REPLACE EXISTING UNIT PANEL WITH A NEW 100A, 240/120V PANEL. REFER TO DRAWINGS 1-E-511 AND 1-E-602.
4. E.C. TO FIELD VERIFY EXACT LOCATION OF ELECTRICAL PANEL IN AREA 612.
5. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.



NORTH

1 / 1-E.112 EAST 600 - ELECTRICAL - NEW WORK PLAN

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

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LICENSED PROFESSIONAL ENGINEER
06/26/26

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VILLAGE OF WESTLAND
9% PROJECT
500 & 600 WING RENOVATION

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FSP PROJECT NO.
PVM21.072

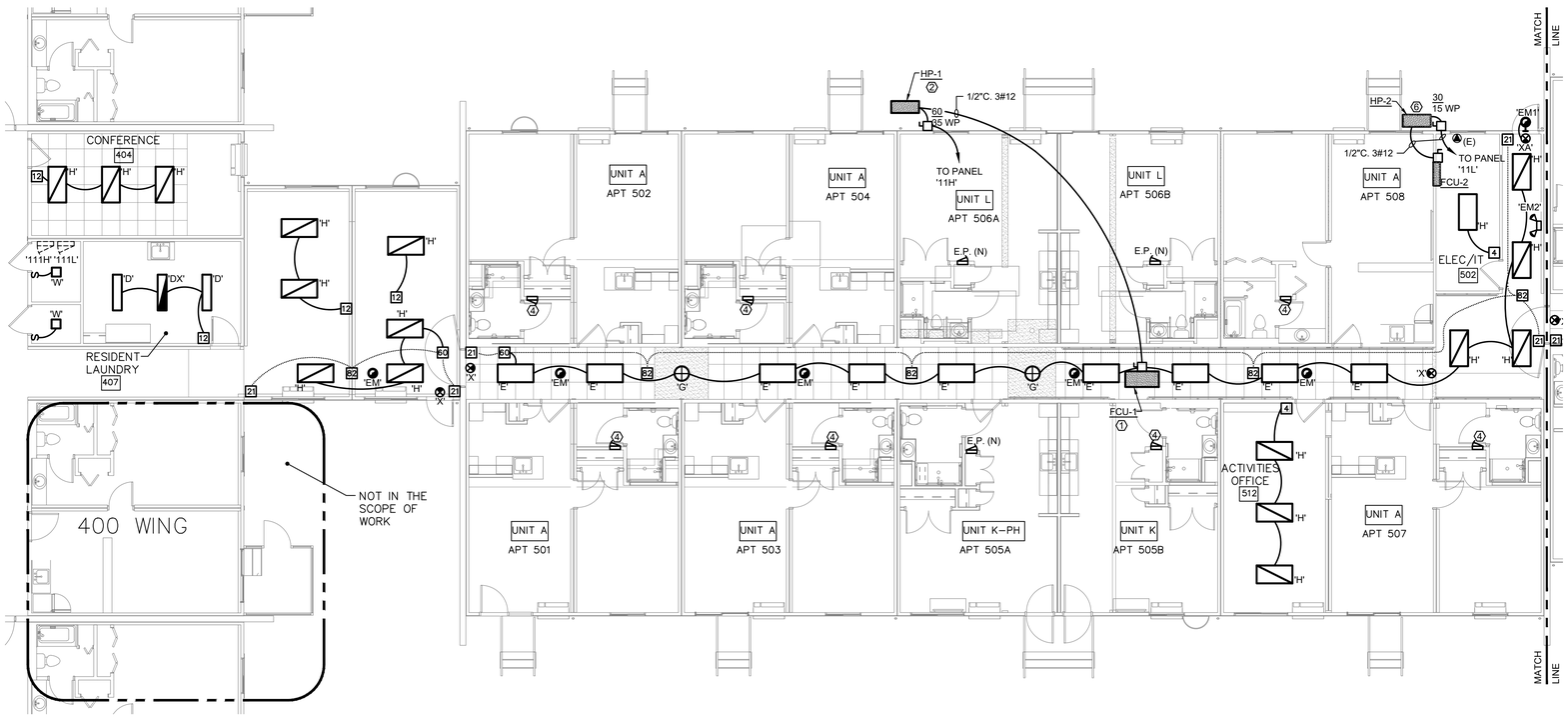
DRAWING TITLE

EAST 600 - ELECTRICAL - NEW WORK PLAN

DRAWING NUMBER

1-E.112





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.
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. CIRCUIT '11L-2' REPLACE EXISTING C.B. WITH NEW 20A.1P. GFI C.B.
4. EXISTING PANEL TO BE REPLACED WITH NEW ONE WITH 100A, 240/120V, REFER TO ENLARGED UNITS DRAWING 1-E-511.
5. PROVIDE GFCI WEATHERPROOF RECEPTACLE WITH COVER, CONNECT TO NEAREST EXISTING RECEPTACLE.
6. NEW HEAT PUMP (HP-2). ELECTRICAL CONTRACTOR TO USE EXISTING 20A.2P. C.B. IN PANEL '111H' WITH NEW WIRING TO PANEL '111L' SHALL BE PROVIDED, SIZE 2#12, 1#12G FROM PANEL '111L' TO HP-1.

NORTH

1 / 1-E.113 — 500 WING – FIRST FLOOR – ELECTRICAL – NEW WORK PLAN

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

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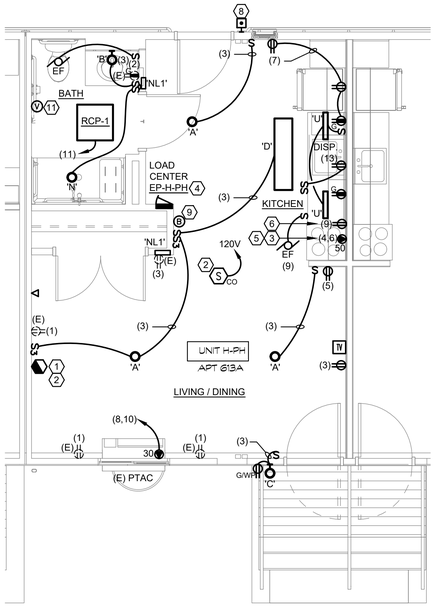
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DRAWING TITLE

500 WING – FIRST FLOOR – ELECTRICAL – NEW WORK PLAN

DRAWING NUMBER

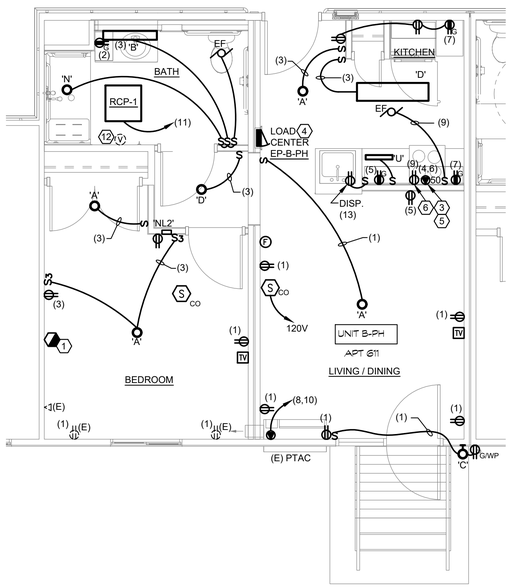
1-E.113



3 / 1-E.511 — NORTH

UNIT H-PH - ELECTRICAL - NEW WORK PLAN

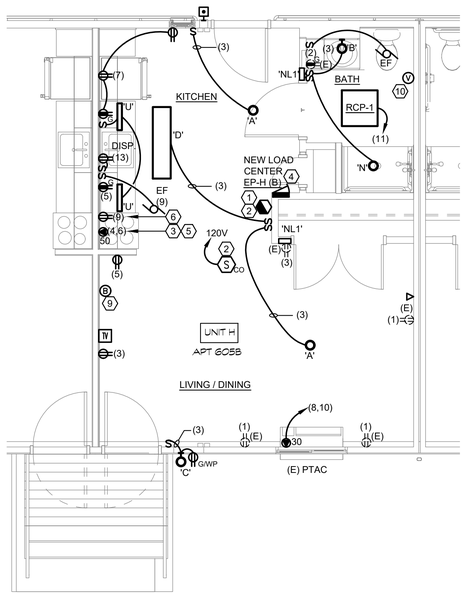
SCALE: 1/4" = 1'-0"



1 / 1-E.511 — NORTH

UNIT B-PH - ELECTRICAL - NEW WORK PLAN

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



2 / 1-E.511 — NORTH

UNIT H - ELECTRICAL - NEW WORK PLAN

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

GENERAL NOTES:

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

KEY NOTES:⟨#⟩

1. NEW FIRE ALARM SPEAKER/STROBE WITH 520Hz TONE TO BE PROVIDED AT EACH RESIDENT BEDROOM TO REPLACE EXISTING FIRE ALARM AUDIBLE DEVICE. EXISTING FIRE ALARM SYSTEM SHALL BE REPLACED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM REQUIREMENTS.
2. INSTALL DEVICE WITH 177CD STROBE IN HVI UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION.
3. FIREAVERT AUTOMATIC STOVE SHUT-OFF DEVICE YO BE PROVIDED AT EACH RANGE. REFER TO APPLIANCE SPECIFICATIONS AND DETAIL SHEET E.002.
4. REPLACE EXISTING LOAD CENTER WITH NEW 100A, 240/120V, AND NEW BRANCH CIRCUIT BREAKERS, REFER TO PANEL SCHEDULES ON DRAWING 1-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. IN HEARING VISUAL IMPAIRED UNITS ONLY, WIRED DOOR BELL PUSHBUTTON. PROVIDED BY AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO ARCHITECTURAL PLANS FOR SPECIFICATION.
9. IN HEARING VISUAL IMPAIRED UNITS ONLY, WALL MOUNTED DECORATIVE DOOR BELL CHIME. PROVIDED BY AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO ARCHITECTURAL PLANS FOR SPECIFICATION. THE DOORBELL SYSTEM MUST ALSO ACTIVATE DEDICATED STROBES. PROVIDE AND INSTALL THESE STROBES IN UNIT LIVING AREAS. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATIONS.
10. INSTALL IN HEARING VISUAL IMPAIRED (HVI) UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION.
11. INSTALL DEVICE IN HEARING VISUAL IMPAIRED (HVI) UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION. OTHERWISE INSTALL BOX, WIRING, AND BLANK COVER FOR FUTURE VISUAL DEVICE.
12. INSTALL BOX, WIRING, AND BLANK COVER FOR FUTURE VISUAL DEVICE.

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06/26/26

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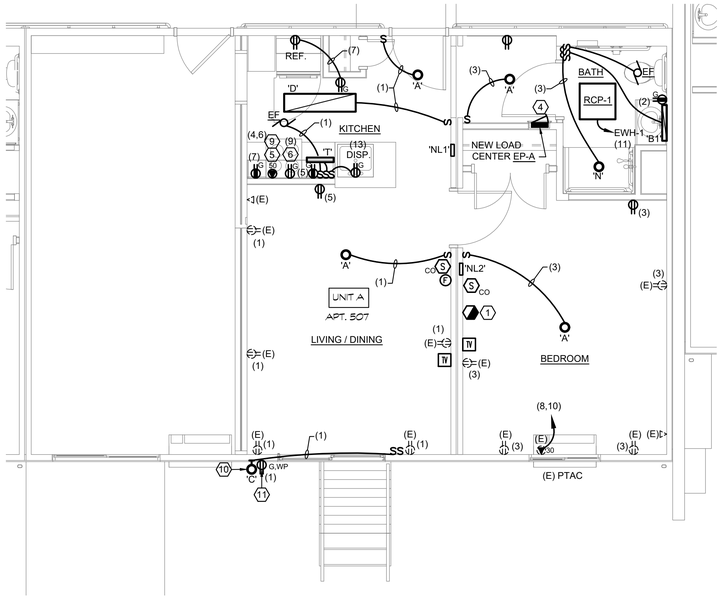
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

500 & 600 TYPICAL - ELECTRICAL - NEW WORK PLAN

DRAWING NUMBER

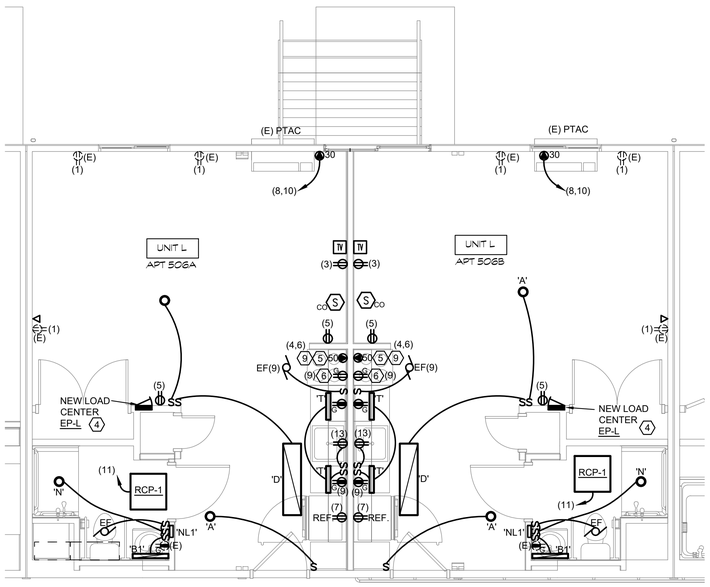
1-E.511



3 1-E.511 UNIT A + SUPPORT SPACE - ELECTRICAL - NEW WORK PLAN

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

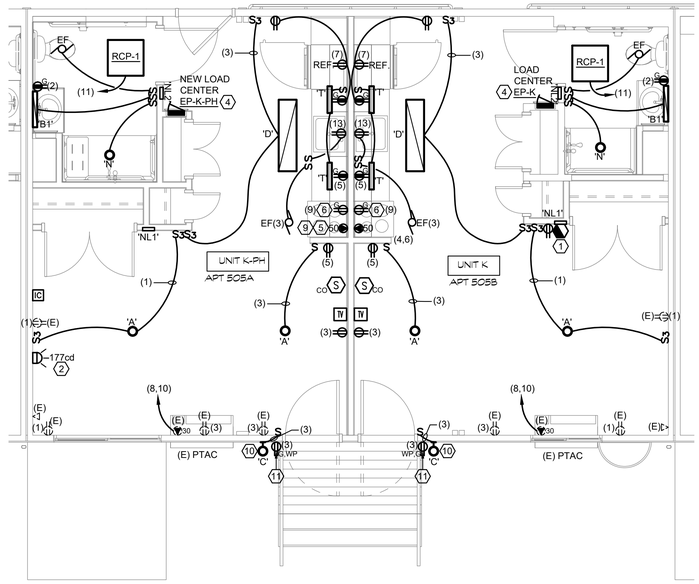
NORTH



2 1-E.512 UNIT L - ELECTRICAL - NEW WORK PLAN

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

NORTH



1 1-E.512 UNIT K & UNIT K-PH - ELECTRICAL - NEW WORK PLAN

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

NORTH

KEY NOTES:

1. NEW FIRE ALARM SPEAKER/STROBE WITH 520Hz TONE TO BE PROVIDED AT EACH RESIDENT BEDROOM TO REPLACE EXISTING FIRE ALARM AUDIBLE DEVICE. EXISTING FIRE ALARM SYSTEM SHALL BE REPLACED AS PART OF NEW WORK TO ACCOMMODATE NEW FIRE ALARM REQUIREMENTS.
2. INSTALL DEVICE WITH 177CD STROBE IN HVI UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION.
3. FIREAVERT AUTOMATIC STOVE SHUT-OFF DEVICE YO BE PROVIDED AT EACH RANGE. REFER TO APPLIANCE SPECIFICATIONS AND DETAIL SHEET E.002.
4. REPLACE EXISTING LOAD CENTER WITH NEW 100A, 240/120V, AND NEW BRANCH CIRCUIT BREAKERS, REFER TO PANEL SCHEDULES ON DRAWING 1-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. IN HEARING VISUAL IMPAIRED UNITS ONLY, WIRED DOOR BELL PUSHBUTTON. PROVIDED BY AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO ARCHITECTURAL PLANS FOR SPECIFICATION.
9. IN HEARING VISUAL IMPAIRED UNITS ONLY, WALL MOUNTED DECORATIVE DOOR BELL CHIME. PROVIDED BY AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO ARCHITECTURAL PLANS FOR SPECIFICATION. THE DOORBELL SYSTEM MUST ALSO ACTIVATE DEDICATED STROBES. PROVIDE AND INSTALL THESE STROBES IN UNIT LIVING AREAS. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATIONS.
10. INSTALL IN HEARING VISUAL IMPAIRED (HVI) UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION.
11. INSTALL DEVICE IN HEARING VISUAL IMPAIRED (HVI) UNIT ONLY. REFER TO WEST 600 BUILDING PLAN ON SHEET 1-E.111 FOR DESIGNATED HVI UNIT LOCATION. OTHERWISE INSTALL BOX, WIRING, AND BLANK COVER FOR FUTURE VISUAL DEVICE.
12. INSTALL BOX, WIRING, AND BLANK COVER FOR FUTURE VISUAL DEVICE.

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

500 & 600 TYPICAL -
ELECTRICAL - NEW WORK PLAN

DRAWING NUMBER

1-E.512

WESTLAND
UNIT "B-PH"
LOAD CENTER

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

PANEL BOARD B-PH / MAIN BREAKER			VOLTAGE 120/240V. 1PH. 3W. / MAIN LUGS 100			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
EXISTING 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 GFI
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	20/2			PTAC UNIT
GFI KITCHEN HOOD & EF			20	9	10				
GFI BATHROOM HEATER			15	11	12	15			SPARE
GFI DISPOSAL			20	13	14	15			SPARE
SPARE			15	15	16	15			SPARE
SPARE			15	17	18	15			SPARE
SPARE			15	19	20	15			SPARE

WESTLAND
UNIT "H"
LOAD CENTER

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

PANEL BOARD EP-H(A)(B) / MAIN BREAKER			VOLTAGE 120/240V. 1PH. 3W. / MAIN LUGS 100			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
EXISTING 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 GFI
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT.			20	7	8	20/2			PTAC UNIT
GFI KITCHEN HOOD & EF			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			15	13	14	20			SPARE
SPARE			15	15	16	15			SPARE
SPARE			15	17	18	15			SPARE
SPARE			15	19	20	15			SPARE

WESTLAND
UNIT "H-PH"
LOAD CENTER

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

PANEL BOARD EP-H-PH / MAIN BREAKER			VOLTAGE 120/240V. 1PH. 3W. / MAIN LUGS 100			SYM. A.I.C. MIN. 10,000	MOUNTING FLUSH		
EXISTING 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 GFI
KITCHEN RECEPT.			20	5	6				
KITCHEN RECEPT. & LIGHTS			20	7	8	20/2			PTAC UNIT
GFI KITCHEN HOOD & EF			20	9	10				
GFI BATHROOM HEATER			15	11	12	20			SPARE
GFI DISPOSAL			15	13	14	20			SPARE
SPARE			15	15	16	15			SPARE
SPARE			15	17	18	15			SPARE
SPARE			15	19	20	15			SPARE

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			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

LOAD SUMMARY: Unit B-PH (NEC 220.82)

HEATING & AIR CONDITIONING:				
FCU	@ 100%	=	1,462	VA
SUBTOTAL		=	1,462	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	=	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 4,476	@ 40%	=	1,791	VA
HEATING & A/C	@ 100%	=	1,462	VA
TOTAL			13,253	VA
13,253 VA / 240V =			56	AMPS
PANEL SIZE:	100 AMPS			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

LOAD SUMMARY: Unit H-PH (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			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

CALCULATION FOR THE TWO UNITS ON ONE METER (NEC 220.83)

1- GENERAL LIGHTING AND SMALL APPLIANCES

412 SQ FT X 3.00VA =1,236 VA
KITCHEN SMAL APP. = 3,000 VA
LAUNDRY = 0.0 VA
TOTAL FOR 1 UNIT = 4,236 VA
TOTAL FOR 2 UNITS = 8,472

2- APPLIANCES
RANGE HOOD = 950 VA
GARBAGE DISPOSAL = 876 VA
ELECTRIC RANGE = 8000 VA
TOTAL FOR 1 UNIT = 9,826VA
TOTAL FOR 2 UNITS = 19,652 VA

3- PANEL LOAD CALCULATION:

8472 + 19,652 = 28,124 VA
IST 8,000 @100% = 8,000
REMAINING @ 40% = 8,049.6
SUB TOTAL = 16,050 VA

HEATING & A/C @ 100% = 1462 X 2 = 2, 924

TOTAL LOAD =16,050 + 2924 = 18,974 VA

18,974 VA / 240V = 79 AMPS

FED FROM 1 METER 100A.

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03.07.25	BIDS & PERMITS

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FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PANEL SCHEDULES

DRAWING NUMBER

1-E.601

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	GFI
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

NEW 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	GFI
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"
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	GFI
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 "L"
LOAD CENTER

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

NEW PANEL BOARD MAIN BREAKER EP-L			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	GFI
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	

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			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

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			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

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			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

LOAD SUMMARY: Unit L (NEC 220.82)

HEATING & AIR CONDITIONING:			
FCU	@ 100%	=	10,304 VA
SUBTOTAL		=	10,304 VA
GENERAL LIGHTING/SMALL APPLIANCE:			
408 SQ FT @ 3.00 VA/SF		=	1,224 VA
KITCHEN SMALL APPLIANCES		=	3,000 VA
LAUNDRY		=	0 VA
SUBTOTAL			4,224 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 3,100	@ 40%	=	1,240 VA
HEATING & A/C	@ 100%	=	10,304 VA
TOTAL			21,544 VA
21,544 VA / 240V = 90 AMPS			
PANEL SIZE: 100 AMPS			

NOTES: BATHROOM HEATER LOAD -NON COINCIDENTAL WITH AIR-CONDITIONING LOAD.

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500 & 600 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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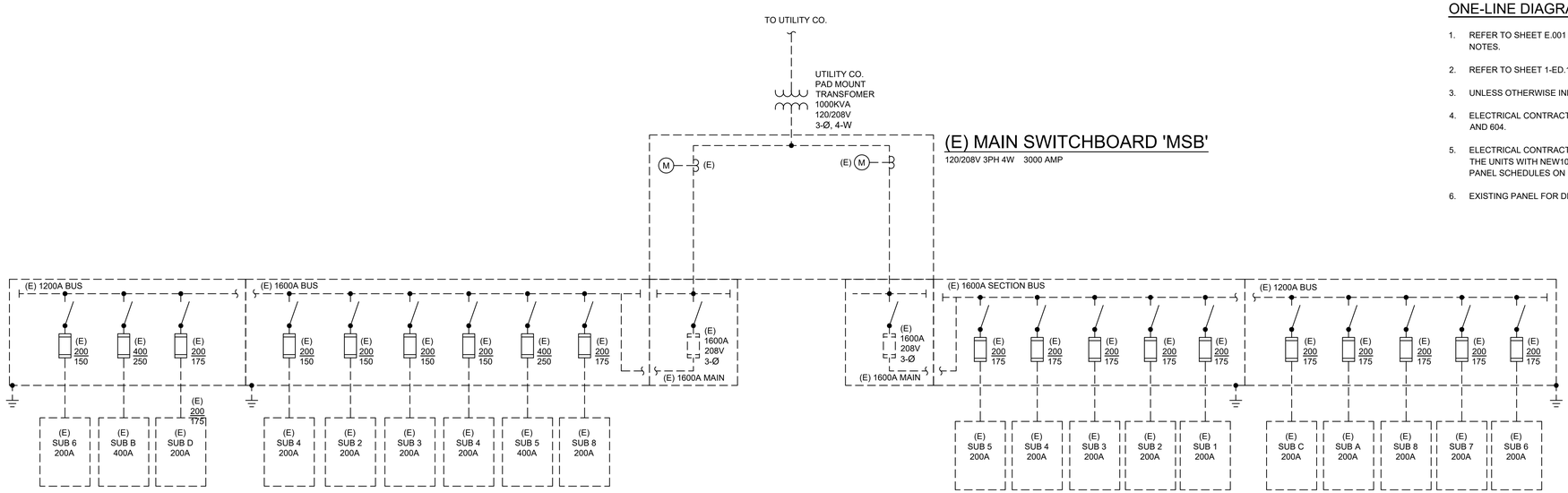
FSP PROJECT NO.
PVM21.072

DRAWING TITLE

PANEL SCHEDULES

DRAWING NUMBER

1-E.602

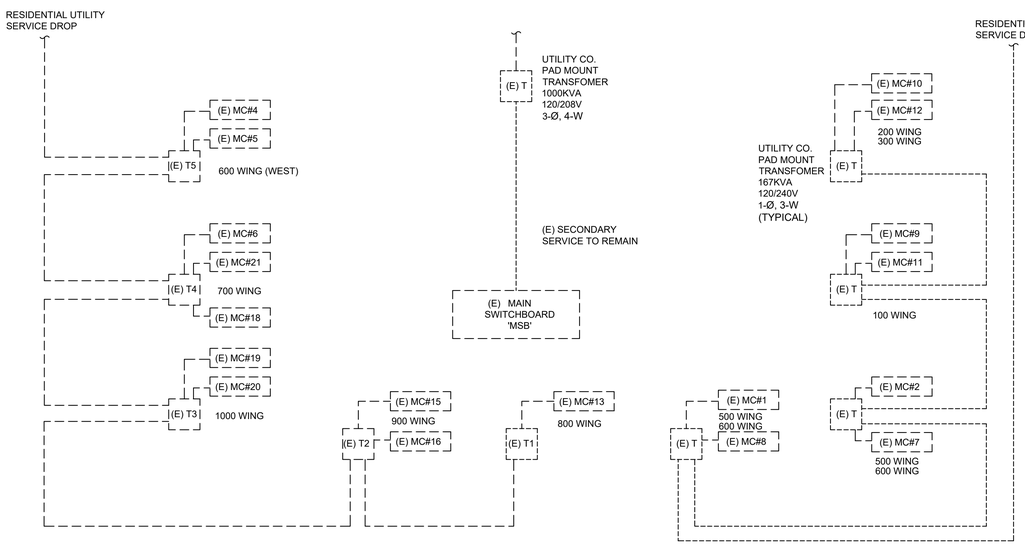


ONE-LINE DIAGRAM GENERAL NOTES:

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.

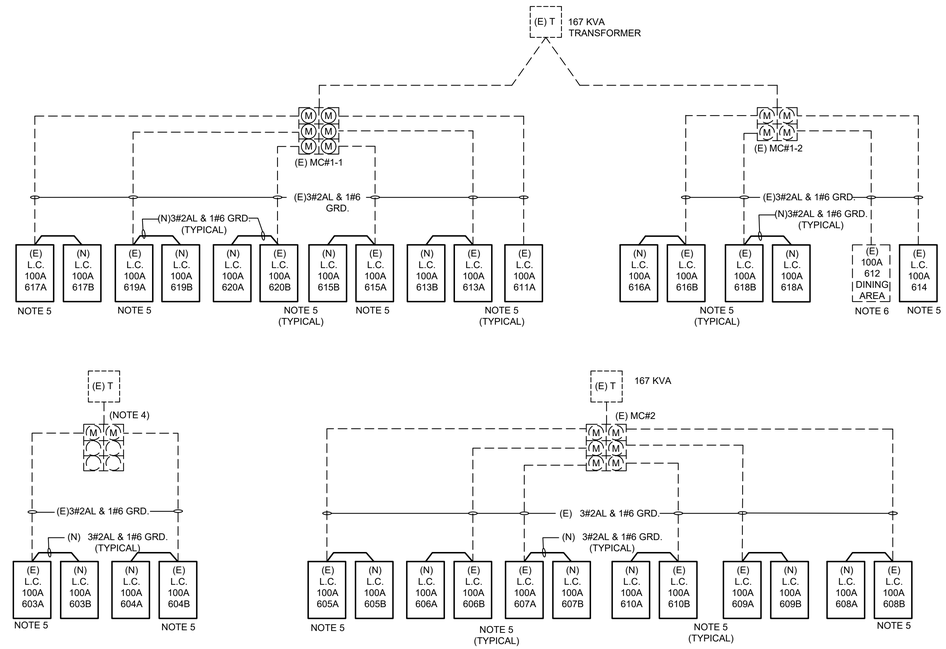
EXISTING BUILDING ONE-LINE DIAGRAM (FOR REFERENCE ONLY)

N.T.S.



EXISTING SITE ELECTRICAL SYSTEM DIAGRAM

N.T.S.



EXISTING ONE LINE - 600 WING

N.T.S.

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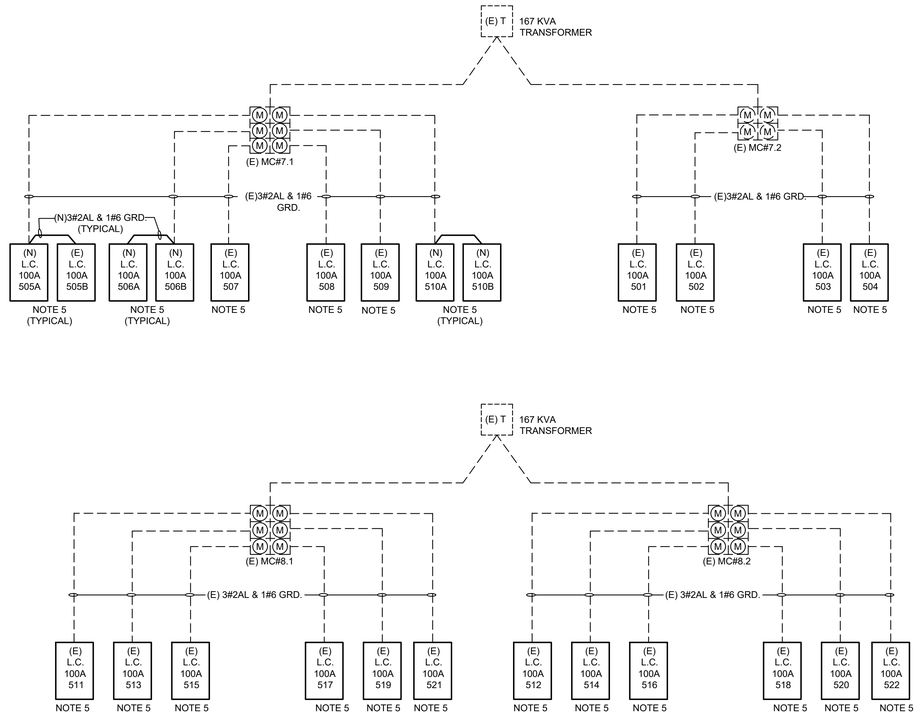
POWER ONE-LINE DIAGRAMS - EXISTING

DRAWING NUMBER

1-E.613

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.



EXISTING ONE LINE - 500 WING

N.T.S.

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PVM21.072

DRAWING TITLE

POWER ONE-LINE DIAGRAMS - EXISTING

DRAWING NUMBER

1-E.614

DOT LEGEND

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

NOTES:

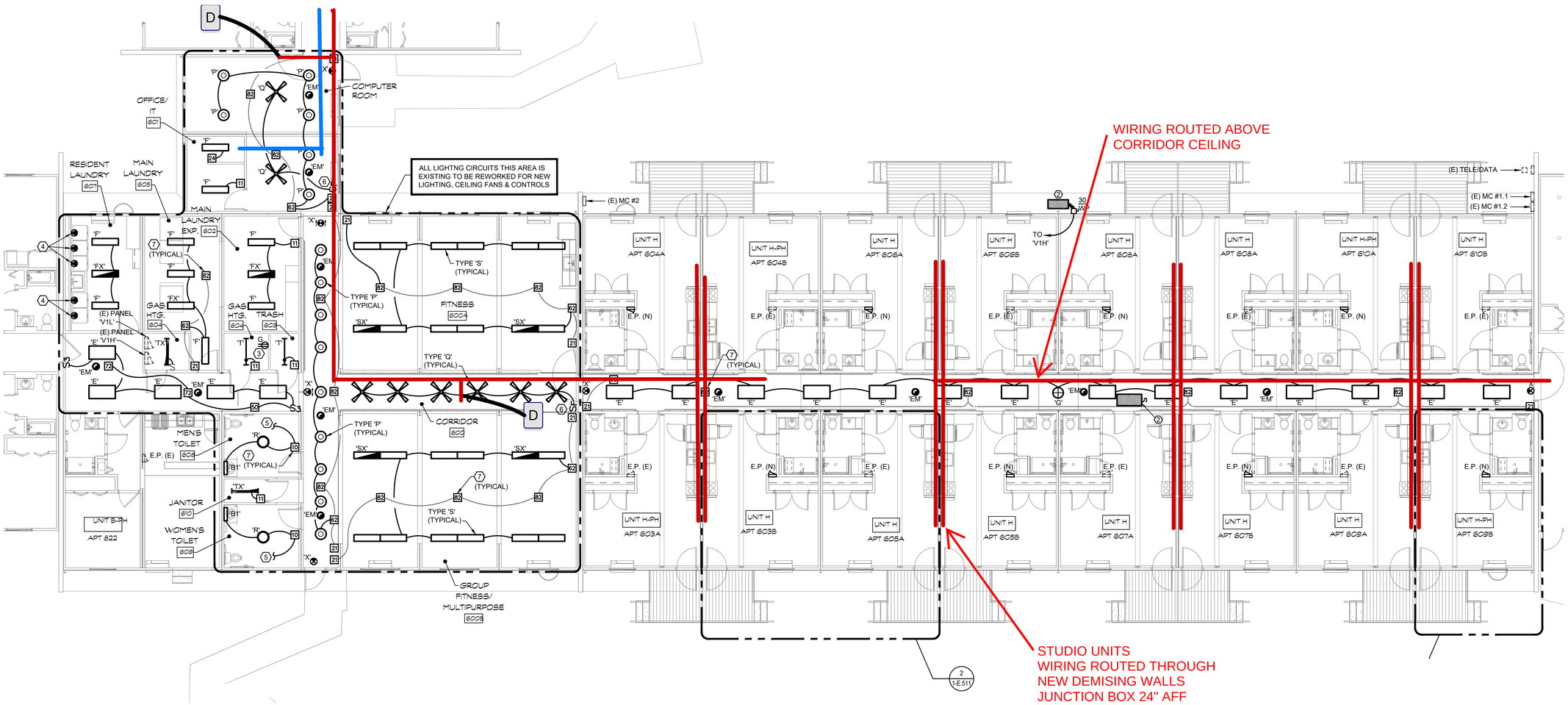
Cable bundle to run through hallway, up into attic space, down to final location.

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.



WEST 600 WING - IT WIRING PLAN

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

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KEY PLAN

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DRAWING TITLE

WEST 600 WING - IT WIRING PLAN

DRAWING NUMBER

1-IT.111

DOT LEGEND

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

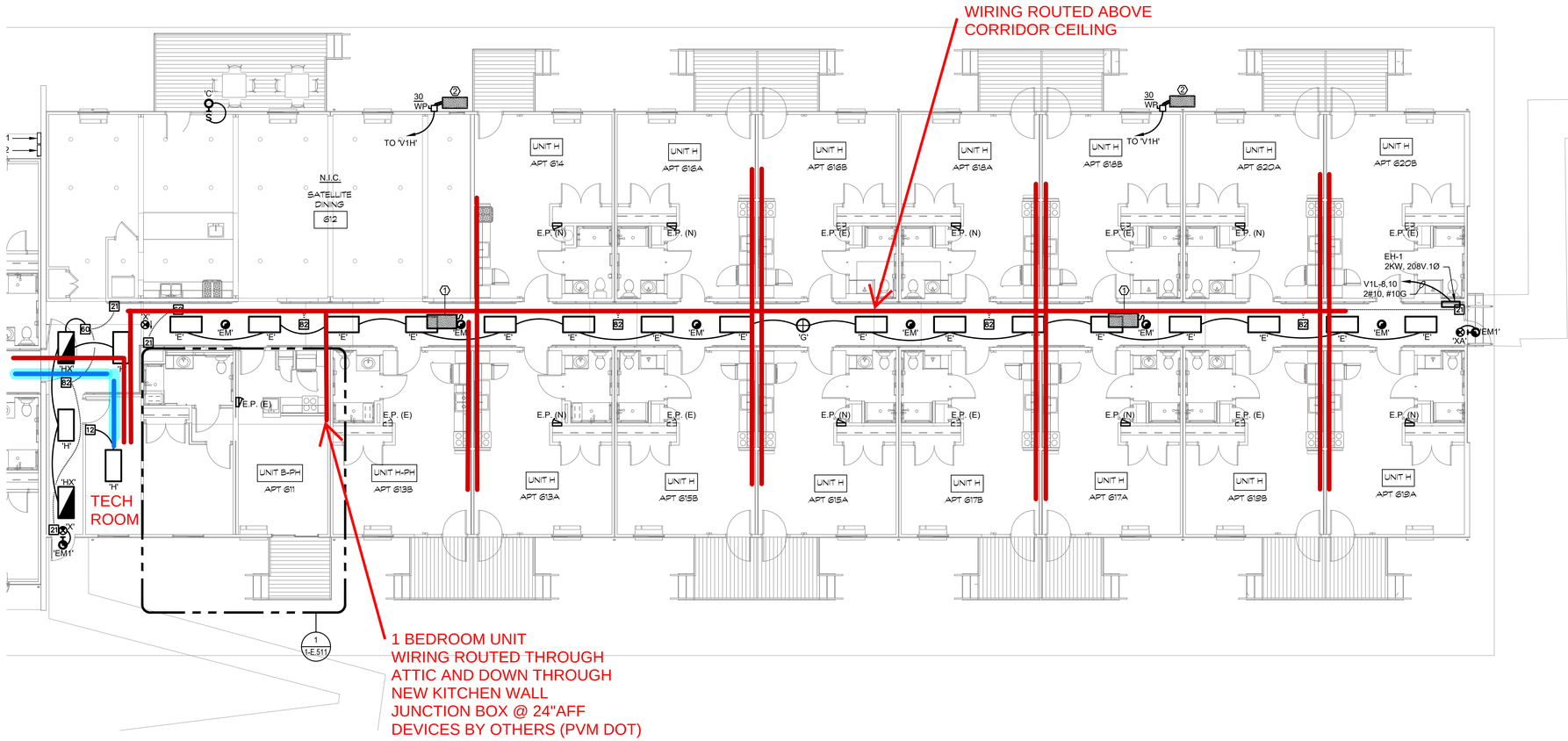
NOTES:
Cable bundle to run through hallway, up into attic space, down to final location.

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.



EAST 600 WING - IT WIRING PLAN

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

NORTH

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ARCHITECTS AND PLANNERS

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WESTLAND MICHIGAN

DATE	ISSUE
07/11/2025	ADDENDUM #1

KEY PLAN

FSP PROJECT NO.
PVM21.072

DRAWING TITLE

EAST 600 WING - IT WIRING PLAN

DRAWING NUMBER

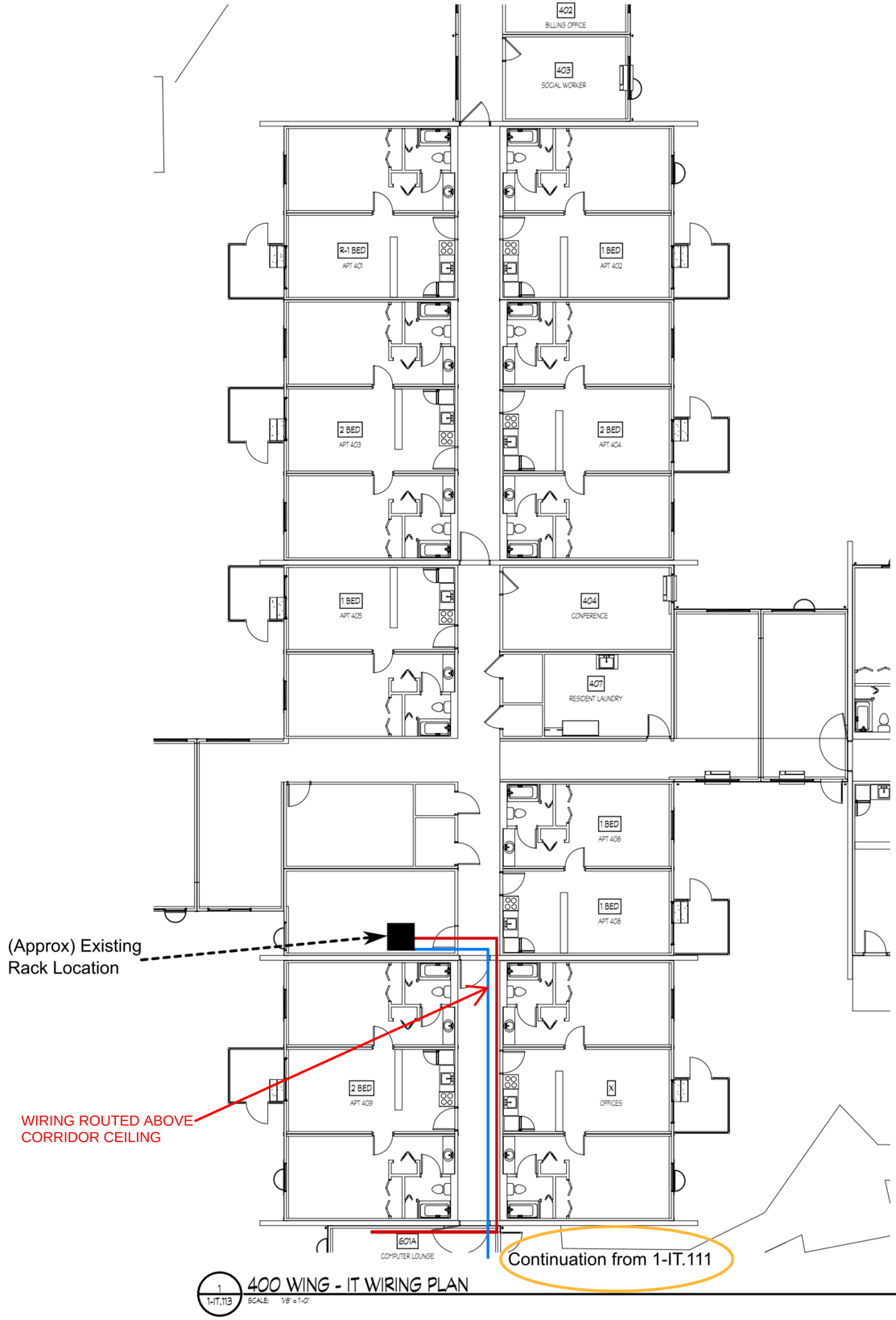
1-IT.112

DOT Low Voltage Drawings - 7/18/2025

CAT6 Data Run

Fiber Optic Cable Run

Terminate CAT6 and Fiber Optic Cable in existing rack/network switches



1 / 1-IT.113 400 WING - IT WIRING PLAN

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

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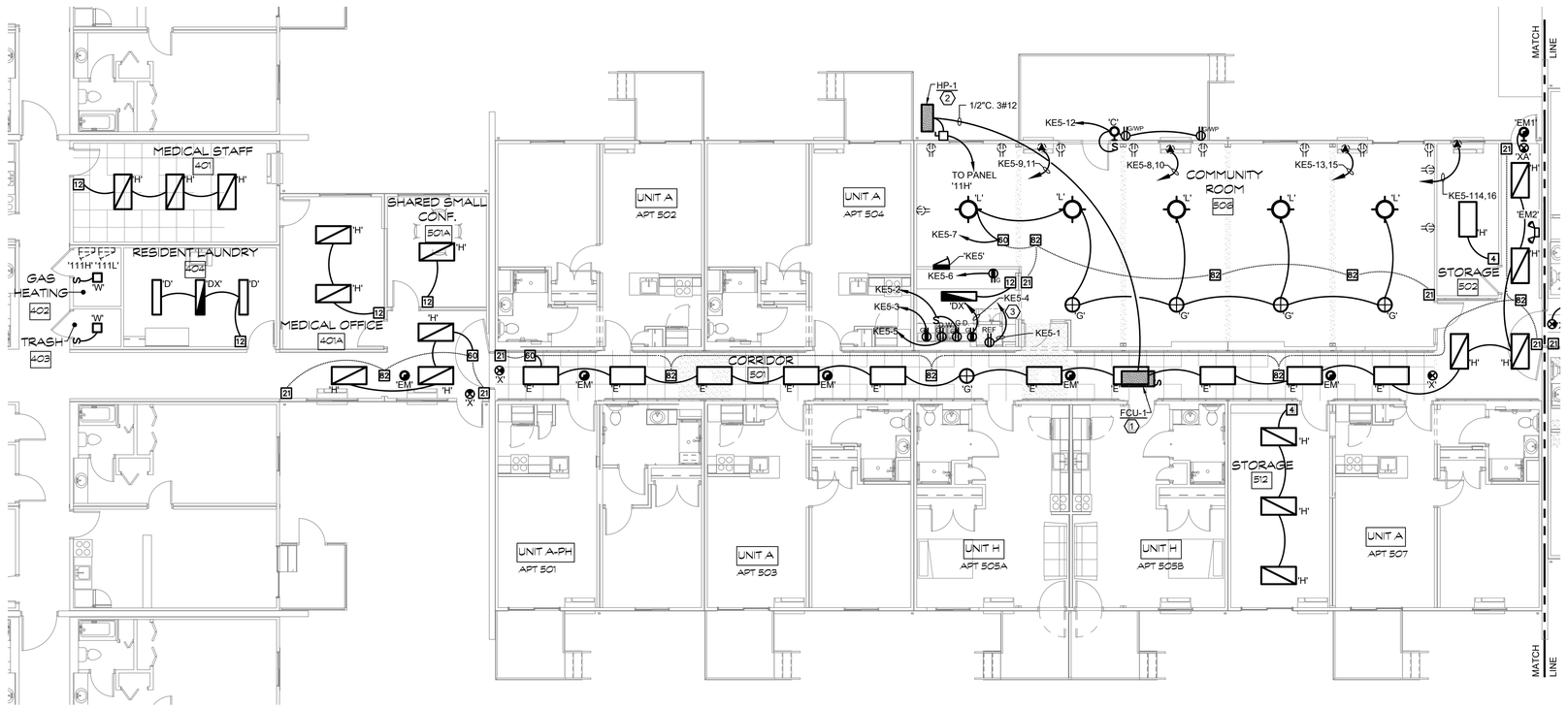
DRAWING TITLE

400 WING - IT WIRING PLAN

DRAWING NUMBER

1-IT.113





500 WING - FIRST FLOOR - LIGHTING NEW WORK PLAN

1 / 2-E.114

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

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DRAWING TITLE

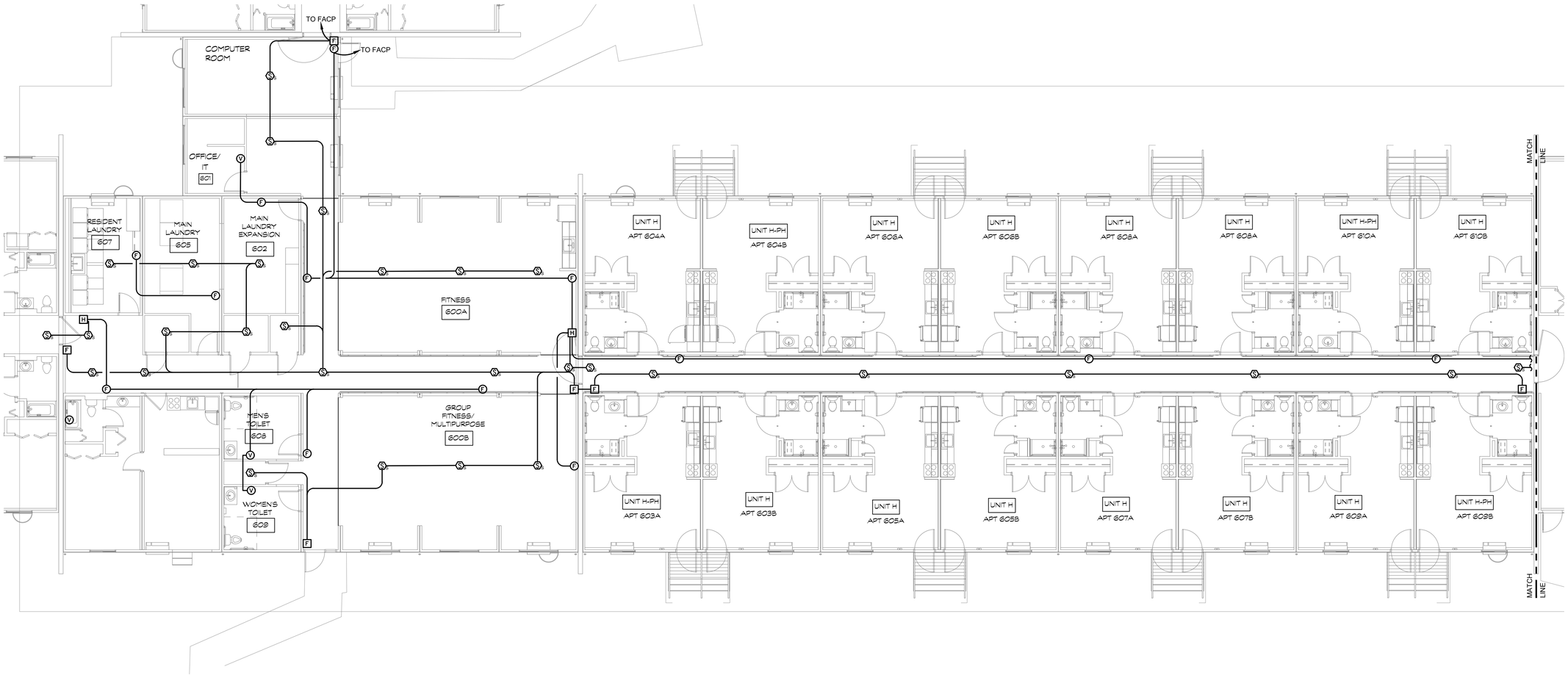
500 WING - IT WIRING PLAN

DRAWING NUMBER

1-IT.114

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.
9. REFER TO UNIT ENLARGED PLANS FOR LOCATIONS OF FIRE ALARM DEVICES WITHIN EACH UNIT.



1 / 1-F.111 NORTH

WEST 600 - FIRE ALARM SYSTEM - NEW WORK PLAN

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

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

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MEEC JOB # 23-0017

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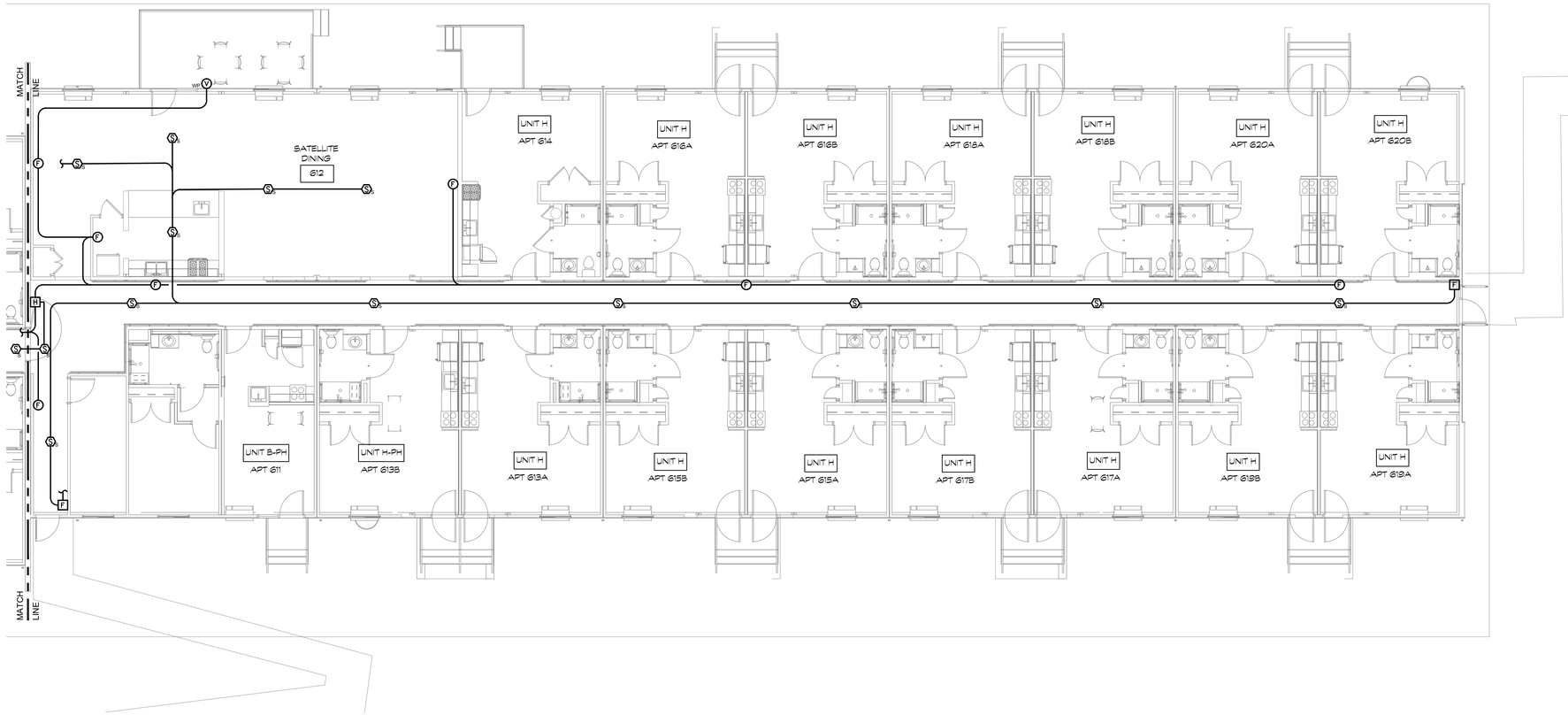
WEST 600 - FIRE ALARM SYSTEM - NEW WORK PLAN

DRAWING NUMBER

1-F.111

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NORTH

1 / 1-F.112 EAST 600 - FIRE ALARM SYSTEM - NEW WORK PLAN

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

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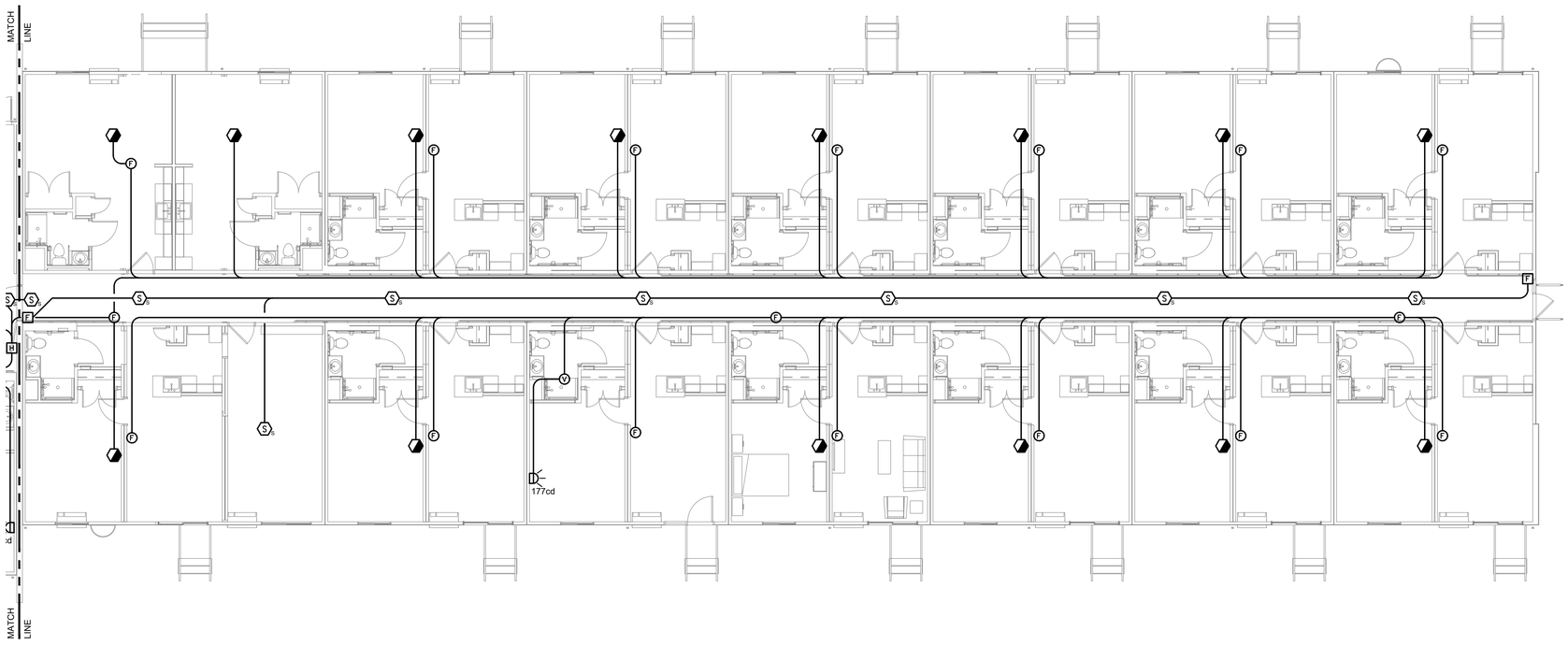
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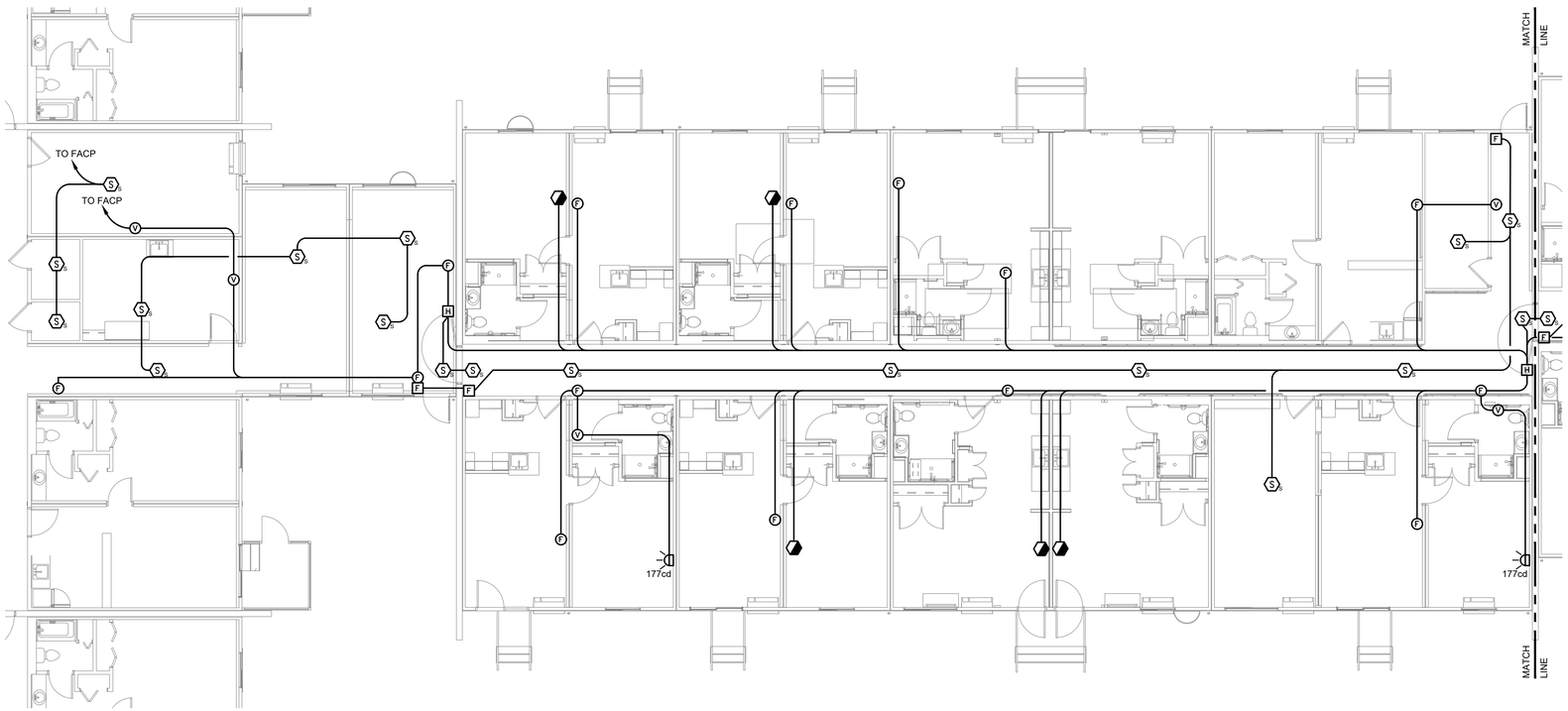
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DRAWING NUMBER

1-F.112





NORTH

1
1-F.113

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

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DRAWING TITLE

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

DRAWING NUMBER

1-F.113