

ADDENDUM No. 2

January 12, 2016

Little Sisters of the Poor Cottage C Renovations
601 Maiden Choice Lane, Baltimore MD 21228

Project No: 15031.00

ARCHITECT:

Gaudreau, Inc.
810 Light Street
Baltimore, Maryland 21230
410.837.5040

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents dated December 21, 2015. Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

CHANGES TO SPECIFICATIONS:

1. Chair rail specification shall be Johnsonite CHR-XX-C or approved equal. Installation height to be coordinated in field.

CHANGES TO DRAWINGS:

1. Drawing S-102: the column load for the new columns is 30 kip max (service load).
2. Drawings A-101:
 - a. Doors C-299: install a recessed automatic door operator on the Corridor C-299 side of doors C-299. Provide a 4" wide (nominal) wide drywall bulkhead before transitioning to acoustical ceiling.
 - b. Corridor C-299, Physical Therapy C-205 and Medical C-207 (open areas/ corridors): install abuse resistant gypsum board for lower 4'-0" of partitions, typ.
 - c. Clarification: partitions within Physical Therapy C-205, PT Work C-205A, PT Stretch C-205B and Fitness C-205C shall receive metal strapping or ½" plywood, 12" o.c. up to 7'-0" high.
3. Drawings A-102:
 - a. See attached updated A-102 for revisions to the casework.
 - b. Contractor to provide an alternate price to install solid surface countertops where plastic laminate is specified.
4. Drawings A-401:
 - a. Change TA8 to read "Not Used".
 - b. Details A4 & A5: lavatory shall be solid surface material.
 - c. Elevations A2 & A3: delete floor mounted cabinet. Add a wall-mounted cabinet above the toilet, 4'-0" to the bottom; 27" w x 30" h x 8" d cherry wood cabinet by Kraftmaid or approved equal. Cabinet shall have (3) shelves & (2) doors. Stain shall match door finish.
 - d. Elevation B2: delete recessed cabinet; wall to continue flush to corner.
 - e. Elevation B3: add a wall-mounted cabinet centered with the toilet (same as listed above for Elevation A2).
5. Drawings A-601:
 - a. See attached sketch A-SK-601-01 for new wood hand rail detail, note 8 in Corridor C-299 (A-101).

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6. Drawings A-602: Finish Schedule : revise "Remarks" as follows:
 - a. Physical Therapy C-205: install chair rail on North wall (outside P.T. Storage).
 - b. Medical C-207: install VWC and chair rail (except corridors)
7. Drawing P-001
 - a. Revise General Project Notes as follows: delete notes 14,15,16 and 18. Renumber note 17 to note 14 to keep sequential order.
8. Drawing P-102: see revised drawing for revisions as follows:
 - a. Add hot water, hot water recirc, and cold water pipe sizing.
 - b. Add hose bibs.
 - c. Add coffee station to pantry.
9. Drawing P-601
 - a. See attached sketch P-SK-601-01 for modifications to the plumbing schedule: Add P-9, coffee station. Delete floor drain. Clarify notes.
10. Drawing M-001
 - a. Revise General Project Notes as follows: delete notes 9, 10, 11 and 31. Renumber remaining notes to keep sequential order.
11. Drawing M-101
 - a. Barometric relief Damper shall be 48" x 36" (Plan West).
12. Drawing M-201
 - a. See attached sketch M-SK-201-01 for addition of hot water, hot water recirc, and cold water piping running to the basement corridor.
13. See attached new Drawing M-501 for project details including coil details.
14. See attached new Drawing M-502 for Automatic temperature controls.
15. Drawing M-602
 - a. See attached sketch M-SK-602-01 for an added pump schedule for AHU freeze protection pumps.
16. Drawing E-101
 - a. Modified electric equipment placement/location.
 - b. See attached sketch E-SK-101-01 for modifications to the tel/data room layout.
 - c. See attached sketches E-SK-101-02 through 05 for power modifications including added nurse call dome lights.
17. Drawing E-102
 - a. See attached sketch E-SK-102-01 for modifications to the Equipment Connection Schedule (added connections for FP-C's).
18. Drawing E-201: see revised drawing for modified lighting controls and added exterior lighting.
19. See attached new Drawing E-301 for low-voltage design.
20. Drawing E-501
 - a. See attached sketch E-SK-501-01 for modifications to the nurse call riser diagram.
 - b. See attached sketch E-SK-501-02 for modifications to the electrical riser diagram.

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c. See attached sketch E-SK-501-03 for added time clock detail.

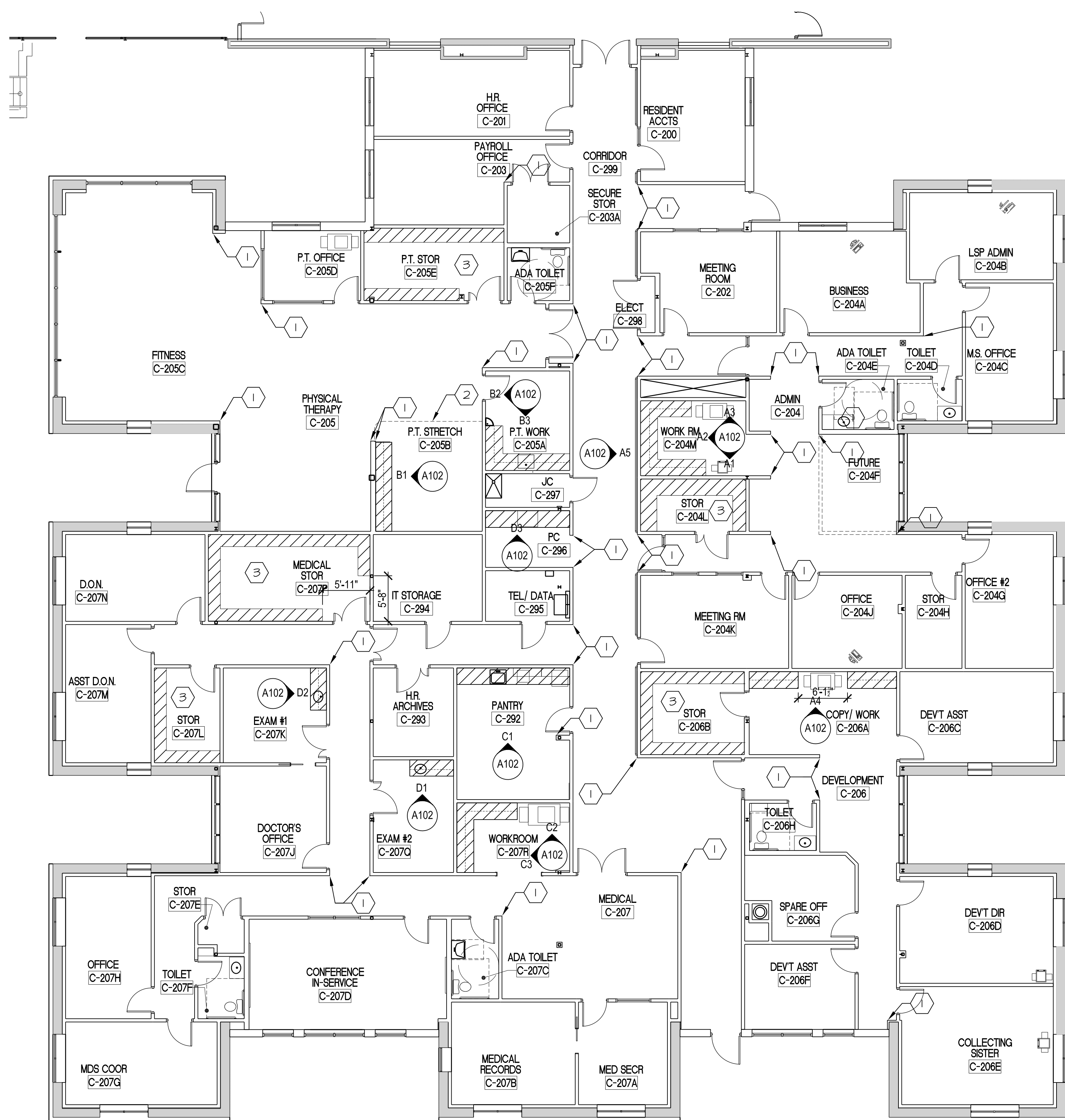
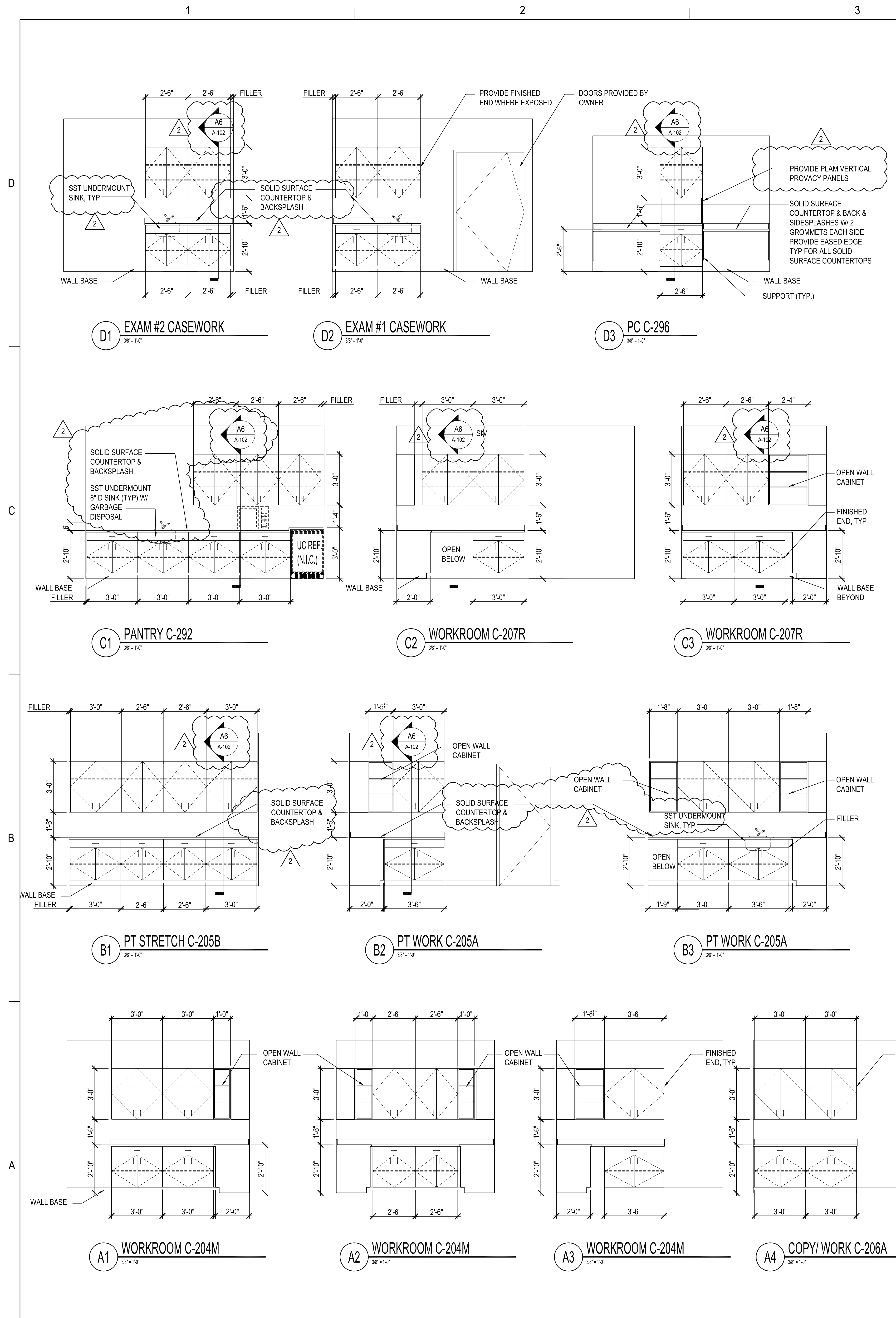
21. Drawing E-601

- a. See attached sketch E-SK-601-01 for modifications to the lighting fixture & lighting fixture control schedules.
- b. See attached sketch E-SK-601-02 for modifications to Panel ELSPC.
- c. See attached sketch E-SK-601-03 for modifications to Panel LRPC1.

Attachments:

- 1. New Drawings M-501, M-502 and E-301;
- 2. Reissued Drawings A-102, P-102 and E-201 ;
- 3. (16) sketches as follows:
 - A-SK-601-01;
 - P-SK-601-01;
 - M-SK-201-01; M-SK-602-01;
 - E-SK-101-01 through 05; E-SK-102-01; E-SK-501-01 through 03; E-SK-601-01 through 03

END OF ADDENDUM No. 2

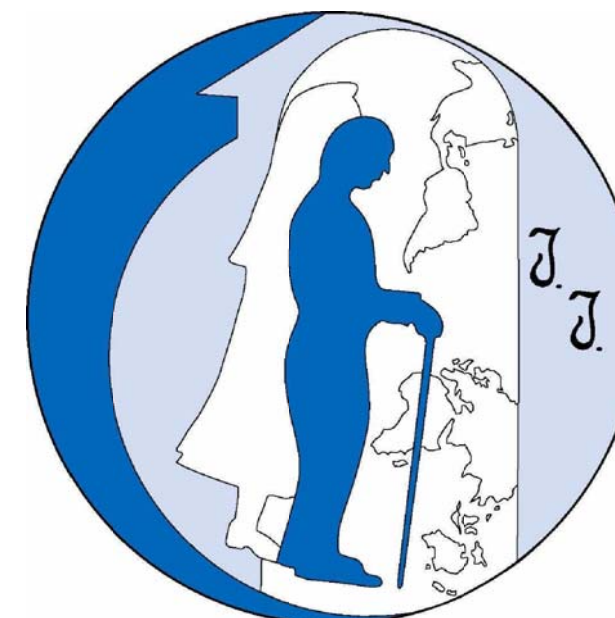
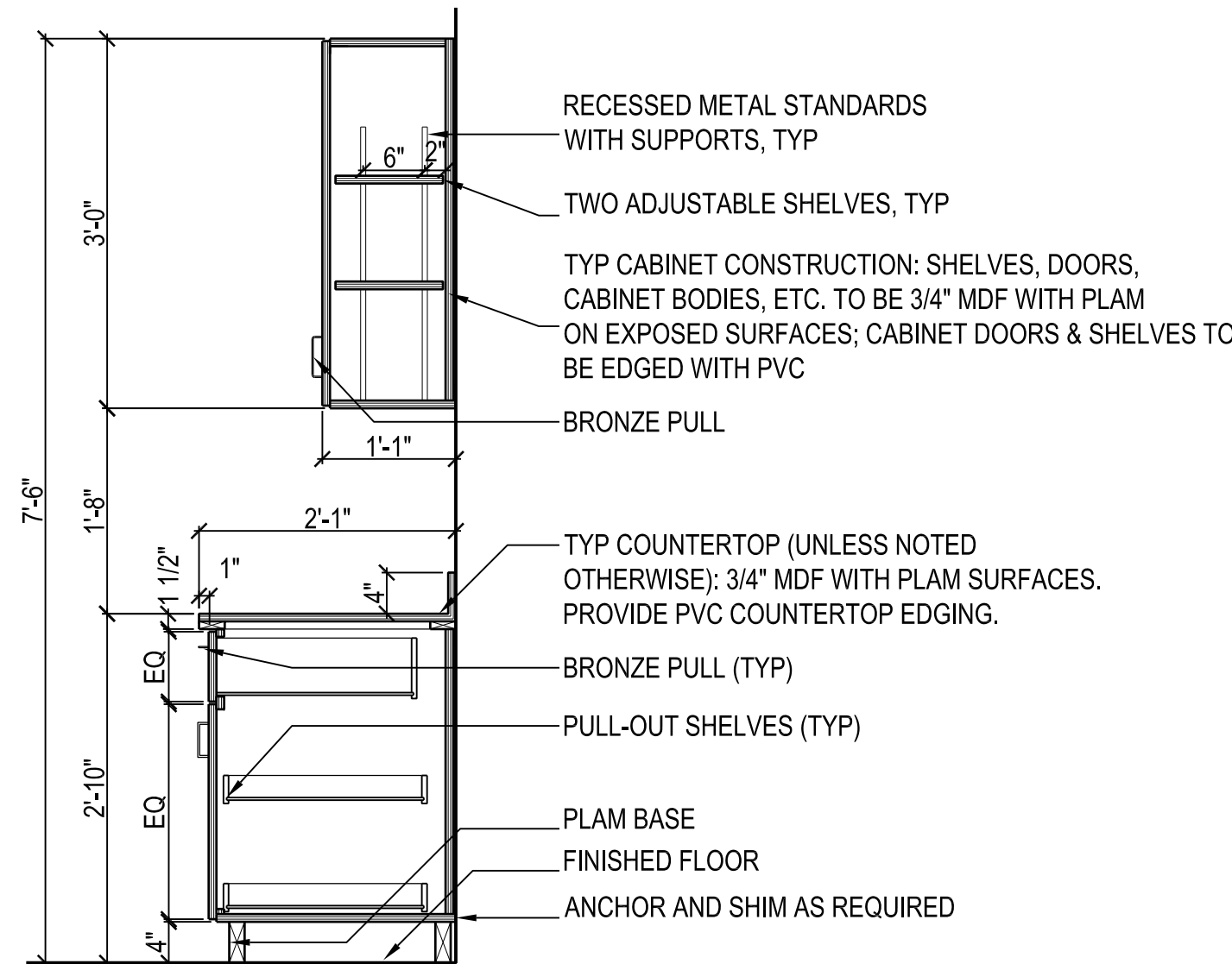


DRAWING NOTES

- 1 4'-0" H CORNER GUARD
- 2 CUBICLE CURTAIN W/ TRACK ABOVE
- 3 (5) 18" D MELAMINE SHELVES ON HD BRACKETS & STANDARDS

GENERAL NOTES

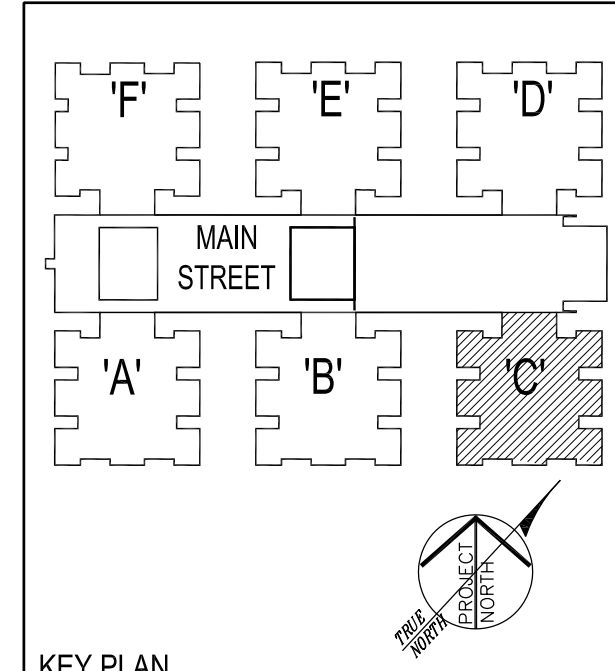
1. CABINET PULLS SHALL BE AMEROCK 3" ALLISON VALUE PULLS, OIL RUBBED BRONZE, BP 530040RB
2. COUNTERTOPS SHALL BE SOLID SURFACE, TYP, UNLESS NOTED OTHERWISE (PROVIDE EASED EDGE)
3. INSTALL PLAM COUNTERTOPS W/ PVC EDGE IN WORKROOM C-204M, CORRIDOR C-299, WORKROOM C-207R.



Little Sisters of the Poor

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Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.
License No: 9473 Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

Number	Description	Date
ADDENDUM 1		01-05-16
ADDENDUM 2		01-11-16

Date: 12/21/15

Project Number: 15031.00

COTTAGE C CASEWORK PLAN + ELEVATIONS

A-102

Architect of Record
Gaudreau, Inc.
810 Light Street, Baltimore, MD 21230
410.837.5040

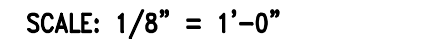
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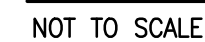
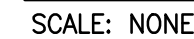
CONSTRUCTION DOCUMENTS

Date: 12/21/1

Project Number: 15031.0

P-102 ²





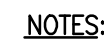
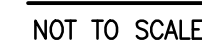
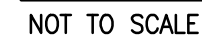
NOTES:

1. COORDINATE THE NUMBER OF COIL CONNECTIONS WITH THE BASEBOARD EQUIPMENT.



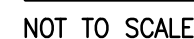
NOTES:

1. MAINTAIN CLEARANCES FOR SERVICE OF COIL/PIPING/VALVING PER COIL MANUFACTURER'S RECOMMENDATION.



1. REFER TO PUMP SCHEDULE SHOWN ON DWG. M001 FOR PUMP NUMBERS, & CAPACITIES.
2. DETAIL APPLIES TO PREHEAT COILS.
3. SUPPORT PUMP FROM PIPING ONLY, PROVIDE ADJUSTABLE PIPE SADDLE SUPPORT WITH NEOPRENE GASKET AS REQUIRED.

PIPING SYSTEM DIAGRAM FOR AHU HEATING/CHILLED WATER COIL



D

C

B

A

VAV AIR HANDLING UNITS (AHU-C)

Sequence of operation:

General:

The Air handling UNIT SHALL BE CONTROLLED BY The BUILDING Automation SYSTEM (BAS) Occupied UNOCCUPIED AND MORNING WARM-UP MODES of Operation Shall BE SCHEDULED IN THE BAS.

ReLIEF air fan AND DAMPER operation:

AIR INLET probe aip-2 SHALL MEASURE SUPPLY AIR VOLUME. Outside air damper D-1 SHALL BE MODULATED TO maintain the outside air VOLUME AS MEASURED BY air MEASURING STATION ams-1. Relief air FAN SHALL MODULATE BASED ON SPACE PRESSUE SENSOR READINGS. OUTSIDE AIR damper d-1 and return air damper d-2 shall modulate based AMS-1 READINGS.D-2 AND D-3 SHALL BE LINKED.

Morning warm up:

WHEN INDEXED TO THE OCCUPIED MODE BY THE Time Schedule Of The bas, SUPPLY FAN F-1 Shall be ENERGIZED AND RUN Continuously. Static PRESSURE SENSOR S-1 SHALL Modulate SUPPLY fan f-1 THROUGH VARIABLE FREQUENCY drive vfd-1 TO MAINTAIN SUPPLY AIR DUCTWORK Set point. DISCHARGE AIR TEMPERATURE SENSOR T-1 SHALL MODULATE NORMALLY OPEN TWO (2) WAY Modulating Heating COIL CONTROL VALVE v-1 TO MAINTAIN The MORNING Warm UP DISCHARGE AIR TEMPERATURE SET point (90 deg f Adjustable) AS SENSED by Temperature SENSOR t-1. two (2) WAY MODULATING COOLING COIL CONTROL VALVE v-2 SHALL REMAIN closed. OUTSIDE AIR DAMPER d-1 Shall REMAIN CLOSED. RELIEF FAN SHALL REMAIN OFF AND RETURN AIR Damper D-2 SHALL BE OPEN. MORNING WARM-UP MODE SHALL CONTINUE AS LONG AS THE RETURN AIR TEMPERATURE IS BELOW 70 deg f AS SENSED by RETURN Air TEMPERATURE SENSOR T-2. WHEN THE RETURN Air Temperature Reaches 70 deg f. The MORNING WARM-UP SEQUENCE SHALL BE COMPLETED AND The Air HANDLING UNIT Shall function IN THE OCCUPIED MODE.

OCCUPIED mode:

when the MORNING WARM-UP SEQUENCE IS COMPLETE THE OUTSIDE AIR DAMPER D-1 SHALL OPEN TO THE MINIMUM POSITION AND THE Relief AIR FAN shall ENERGIZE AND RETURN AIR DAMPER d-2 SHALL CLOSE Proportionally. Static PRESSURE SENSOR Sp-1 SHALL Modulate SUPPLY FAN F-1 Through VARIABLE FREQUENCY DRIVE vfd-1 TO MAINTAIN SUPPLY AIR DUCTWORK SET POINT. NORMALLY OPEN Two (2) WAY Modulating COOLING COIL CONTROL VALVE V-2 SHALL MODULATE TO MAINTAIN 55 deg F DISCHARGE AIR TEMPERATURE AS Sensed By TEMPERATURE SENSOR T-1.

Economizer CONTROL

when THE outside air temperature IS BELOW 60 deg F, THE DISCHARGE Air TEMPERATURE IS ABOVE SET POINT, AND HEATING COIL CONTROL VALVE v-1 IS COMPLETELY CLOSED, OUTSIDE AIR DAMPER d-1 SHALL MODULATE OPEN. RELIEF AIR FAN SHALL RAMP UP AND RETURN AIR DAMPER d-2 SHALL MODULATE Closed PROPORTIONALLY TO MAINTAIN THE DISCHARGE AIR SET point. UPON A RISE IN Outside AIR TEMPERATURE ABOVE 65 deg f, Outside Air DAMPER D-1 SHALL CLOSE to THE minimum Position. RELIEF AIR FAN SHALL RAMP DOWN AND RETURN air DAMPER D-3 SHALL OPEN TO THE MAXIMUM Position, AND Heating COIL CONTROL VALVE v-1 SHALL REMAIN Closed. Outside AIR, Relief FAN AND RETURN air dampers shall be modulated TO MAINTAIN The following RESET SCHEDULE (adj)

OUTSIDE AIR(deg f)	Supply Air (deg f)
65	60
70	59
75	58
80	57
85	56
90 AND ABOVE	55

UPON A DROP IN OUTSIDE AIR Temperature. The REVERSE SHALL OCCUR.

Outside AIR TEMPERATURES Between 60 deg f AND 65 deg f REPRESENT A 5 deg f DEAD band.

CO2 MONITORING (DEMAND CONTROL ventilation)

DEMAND CONTROL VENTILATION SHALL BE IN ACCORDANCE With The MOST Current ASHRAE 62.1 STANDARD for ventilation RATE PROCEDURE. FACTORY MOUNTED ASHRAE STANDARD 62 OUTSIDE AIRFLOW MONITORING AND CONTROL STATION AMS-1 Shall Continuously SEND SIGNAL TO THE BAS Indicating THE QUANTITY OF OUTSIDE air ENTERING THE AIR HANDLING UNIT. THE MONITOR SHALL TRACK A VARIABLE OUTSIDE Air QUANTITY for ventilation DEMAND FLOW Control AND VENTILATION FLOW DOCUMENTATION. SPACE CO2. CONCENTRATION SHALL NOT EXCEED 700 PPM (adj) Above The Outside Air CO2 CONCENTRATION AS MEASURED BY THE EXISTING OUTSIDE CO2 SENSOR. IF Space CO LEVEL AS SENSED BY RETURN AIR CO SENSOR CO2-1 IS 700PPM (Adjustable) Above THE OUTSIDE air CO2 Concentration, AS Sensed BY Outside AIR CO SENSOR oa-CO2, OUTSIDE air DAMPER D-1 Shall MODULATE OPEN IN five Percent (5%) Increments (Adj). RETURN air DAMPER d-3 SHALL MODULATE CLOSED Proportionately, AND Relief AIR DAMPER d-2 SHALL OPEN PROPORTIONATELY. Provide Ten (10) MINUTES (Adjustable) BETWEEN MODULATIONS. When THE CO2 LEVEL AS SENSED BY RETURN AIR CO2 SENSOR CO2-1 NO LONGER Exceeds 700 PPM (Adj) ABOVE The OUTSIDE Ai CO2 CONCENTRATION. Outside air damper d-1 SHALL CLOSE TO THE MINIMUM Position.

ECONOMIZER SYSTEM OPERATION SHALL OVERRIDE MAXIMUM Ventilation OUTSIDE AIR DAMPER POSITION.

UNOCCUPIED MODE

When indexed to the UNOCCUPIED mode by the TIME SCHEDULE OF THE BAS, SUPPLY FAN f-1. AND reLIEF FAN f-2 Shall be placed UNDER contro l of the UNOCCUPIED ZONE SENSOR LOCATED in an EXTERIOR ZONE HAVING A NORTH EXPOSURE. This SENSOR SHALL CYCLE THE SUPPLY AND RETURN fan TO MAINTAIN the UNOCCUPIED Set point. OUTSIDE AIR DAMPER d-1 SHALL REMAIN CLOSED. Relief FAN SHALL REMAIN OFF AND RETURN AIR DAMPER D-2 SHALL REMAIN OPEN. SAFETY CONTROLS SHALL Function DURING THE UNOCCUPIED SEQUENCE, THE SAME AS DURING the OCCUPIED sEQUENCE.

Override:

THE AIR HANDLING UNIT Shall be CAPABLE OF BEING INDEXED FROM UNOCCUPIED TO OCCUPIED MODE FOR A Predetermined Period Of Time (adjustable) BY A SIGNAL FROM bas.

SafetyIES

Whenever the setting of the smoke detector sd-1 or sd-2 freeze stat fz-1 or high limit static pressure sp-3 are exceeded supply fan f-1 and reLIEF fan f-2 shall be de-energized, outside Air damper d-1, return air damper shall close, heating valve v-1 and cooling valve v-2 shall open and critical alarm shall signal At the bas front end.

COIL Circulating pumps:

IF THE mixed air TEMPERATURE DROPS BELOW 38 deg f AS MEASURED BY MIXED AIR TEMPERATURE SENSOR t-3, HEATING COIL CONTROL Valve v-1 AND COOLING COIL CONTROL Valve v-2 SHALL CLOSE AND COIL circulating pumps p-1 AND p-2 SHALL ENERGIZE.

FAN STATUS:

IF SUPPLY FAN f-1 and reLIEF fan f-2, Heating COIL CIRCULATING PUMP p-1 OR COOLING COIL CIRCULATING PUMP p-2 FAILS TO START WHEN INDEXED, OR FAILS DURING OPERATION, A Critical ALARM SHALL SIGNAL AT THE BAS FRONT END.

EXHAUST FANS (EF-1 THRU EF-7)

Sequence of operation:

EXHAUST FANS SHALL BE CONTROLLED BY DIVISION 26.

VAV WITH HW/REHEAT (FITNESS CENTER ONLY HAS BASEBOARD HEATERS)

GENERAL:

THE VARIABLE AIR VOLUME TERMINAL AND BASEBOARD HEATERS SHALL BE CONTROLLED BY THE BUILDING AUTOMATION SYSTEM. OCCUPIED, UNOCCUPIED, AND WARMUP MODE SHALL BE DETERMINED BY THE BAS.

OCCUPIED MODE:

WHEN IN THE COOLING MODE, THE PRIMARY AIR DAMPER, D-1, SHALL MODULATE BETWEEN ITS COOLING MINIMUM AND MAXIMUM SETTING TO MAINTAIN THE OCCUPIED SET POINT 78F (ADJ). WHEN IN THE HEATING MODE, THE PRIMARY AIR DAMPER SHALL INITIALLY MODULATE TO ITS MINIMUM POSITION. ON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT OF 75F (ADJ), BASEBOARD HEATER V-1 SHALL MODULATE OPEN. ON A FURTHER DROP IN SPACE TEMPERATURE TO THE CRITICAL HEATING SETPOINT 75F(ADJ), THE VAV BOX HEATING COIL VALVE, V-2, SHALL OPEN AND AND PRIMARY AIR DAMPER, D-1, SHALL MODULATE TO ITS HEATING POSITION. EACH ROOM WITH A BASEBOARD HEATER SHALL HAVE A TEMPERATURE SENSOR. ONE SENSOR ON EACH VAV BOX SHALL SERVE AS THE COOLING SETPOINT TEMPERATURE SENSOR. A FALL IN TEMPERATURE TO THE CRITICAL HEATING SETPOINT, 73F (ADJ.) FOR ANY TEMPERATURE SENSOR IN A ZONE WILL TRIGGER AN ALARM AT THE BMS.

UNOCCUPIED MODE:

DURING THE UNOCCUPIED MODE, THE PRIMARY AIR DAMPER D-1 AND HEATING VALVE IN THE BASEBOARD V-1, SHALL MODULATE TO MAINTAIN THE UNOCCUPIED HEATING SETPOINT OF 60F (ADJ) AND UNOCCUPIED COOLING SETPOINT OF 85F (ADJ).

MORNING WARM-UP:

WHEN INDEXED TO THE OCCUPIED MODE BY THE BAS, THE PRIMARY AIR DAMPER D-1, AND VAV HEATING VALVE V-2, ALL SHALL BE FULL OPEN. ONCE THE OCCUPIED HEATING SETPOINT IS REACHED, OR THE AIR HANDLING UNIT IS SWITCHED TO THE OCCUPIED MODE, THE VAV BOX HEATING VALVE SHALL OPERATE AS IN THE OCCUPIED MODE.

OVERRIDE:

THE TERMINAL UNIT AND ASSOCIATED AIR SYSTEM MAY BE SWITCH FROM THE UNOCCUPIED TO OCCUPIED MODE FOR A PERIOD OF TIME DETERMINED AT THE BAS (ADJ) BY A SWITCH ON THE VAV BOX THERMOSTAT OR AT THE BAS.

ALARMS:

IF THE SPACE TEMPERATURE IS MORE THAN TWO DEGREES LOWER THAN THE CRITICAL HEATING SETPOINT FOR MORE THAN 15 CONTINUOUS MINUTES DURING THE OCCUPIED PERIOD, AN ALARM SHALL BE SENT TO THE BAS.

VAV WITH HW/REHEAT (NO BASEBOARD HEATERS)

GENERAL:

THE VARIABLE AIR VOLUME TERMINAL AND BASEBOARD HEATERS SHALL BE CONTROLLED BY THE BUILDING AUTOMATION SYSTEM. OCCUPIED, UNOCCUPIED, AND WARMUP MODE SHALL BE DETERMINED BY THE BAS.

OCCUPIED MODE:

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UNOCCUPIED MODE:

DURING THE UNOCCUPIED MODE, THE PRIMARY AIR DAMPER D-1 AND HEATING VALVE IN THE VAV BOX, V-2, SHALL MODULATE TO MAINTAIN THE UNOCCUPIED HEATING SETPOINT OF 60F (ADJ) AND UNOCCUPIED COOLING SETPOINT OF 85F (ADJ).

MORNING WARM-UP:

WHEN INDEXED TO THE OCCUPIED MODE BY THE BAS, THE PRIMARY AIR DAMPER D-1, AND VAV HEATING VALVE V-2, ALL SHALL BE FULL OPEN. ONCE THE OCCUPIED HEATING SETPOINT IS REACHED, OR THE AIR HANDLING UNIT IS SWITCHED TO THE OCCUPIED MODE, THE VAV BOX HEATING VALVE SHALL OPERATE AS IN THE OCCUPIED MODE.

OVERRIDE:

THE TERMINAL UNIT AND ASSOCIATED AIR SYSTEM MAY BE SWITCH FROM THE UNOCCUPIED TO OCCUPIED MODE FOR A PERIOD OF TIME DETERMINED AT THE BAS (ADJ) BY A SWITCH ON THE VAV BOX THERMOSTAT OR AT THE BAS.

ALARMS:

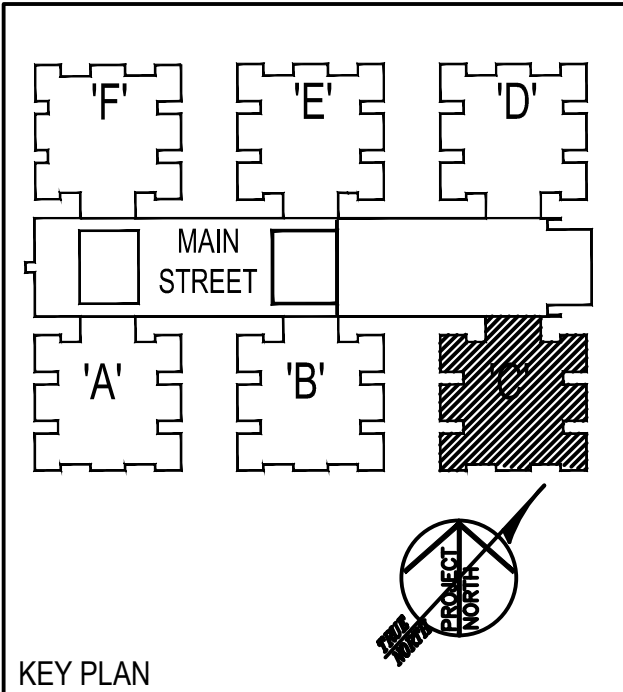
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ARCHITECTS + PLANNERS

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Baltimore

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Maryland 21230

www.gaudreaulnc.com

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No: 19666

Expiration Date: 03/04/2017

CONSTRUCTION DOCUMENTS


Number	Description	Date
-	PERMIT SUBMISSION	12.21.2015
2	ADDENDUM #2	01.08.2016

Date: 12/21/15

Project Number: 15031.00

AUTOMATIC
TEMPERATURE
CONTROLS

M-502

1. CONNECT ALL 'EX' FIXTURE AHEAD OF LOCAL SWITCHING, AND TO CIRCUIT 2-15.
2. ASDA
3. ALL FIXTURES WITH A HATCHED CENTER, , SHALL BE PROVIDED WITH A UL924 RELAY.



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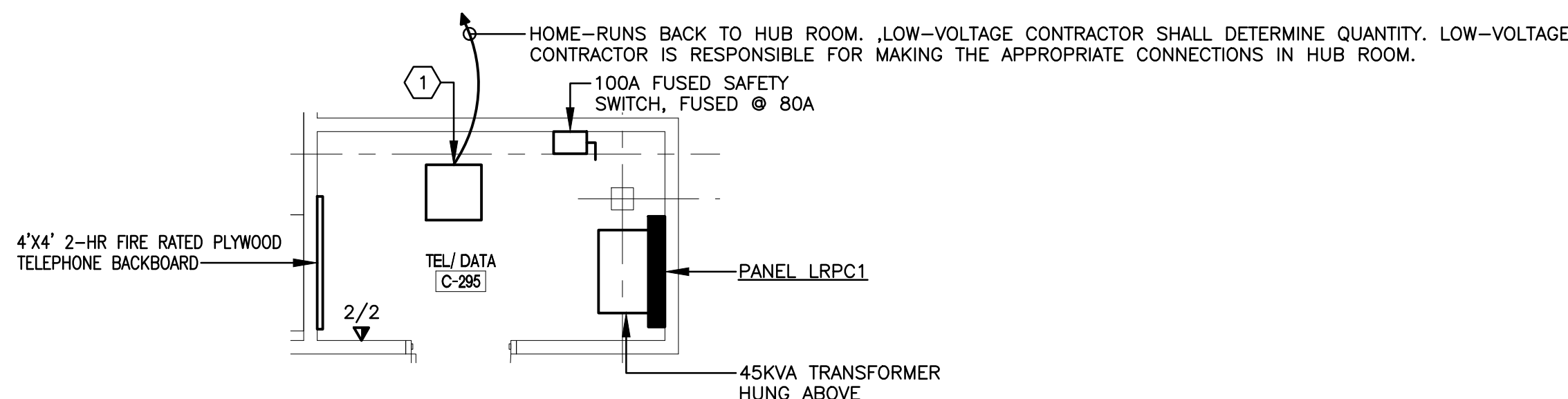
310 Light Street | Baltimore | Maryland 21230
410 . 537 . 5040 | www.gaudreauinc.com

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No: 19966 Expiration Date: 03.04.2017

[illegible]

Project Number: 15031.00

E-201



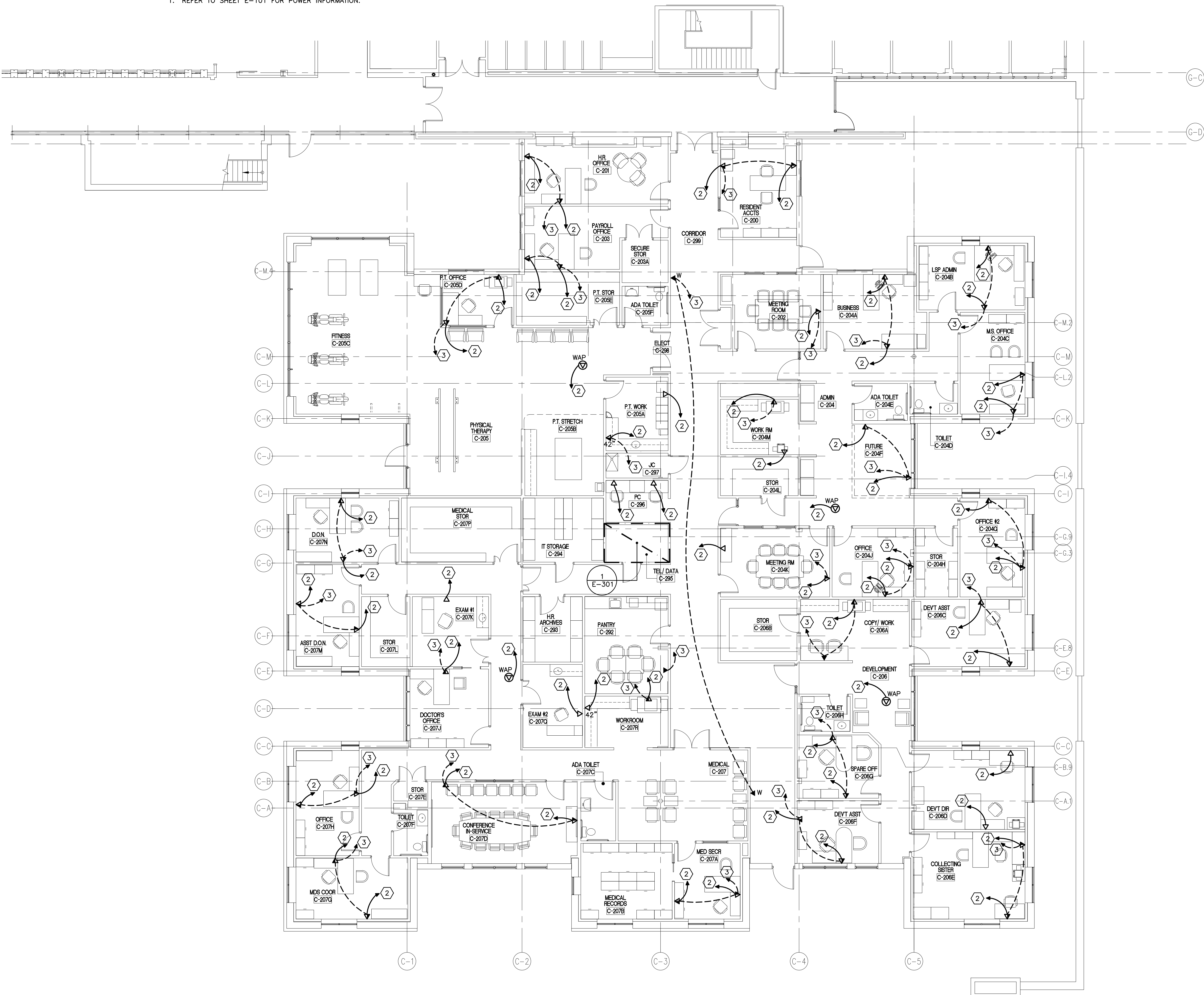
1 PART PLAN - TELE/DATA ROOM - LOW-VOLTAGE
E-301 SCALE: 1/8" = 1'-0"
NOTES:
1. REFER TO SHEET E-101 FOR POWER INFORMATION.

DRAWING NOTES (REFER TO E-301 AS INDICATED):

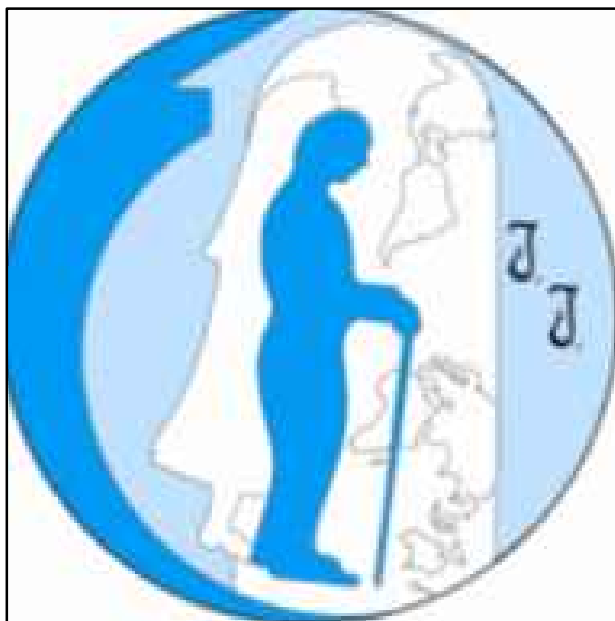
- ALL WIRING SHALL BE LABELED ON BOTH THE SOURCE END AND THE TERMINATION END - THIS INCLUDES THE FEEDS FROM THE PATCH PANEL, TO THE MAIN HUB ROOM.
- LINE TYPE INDICATES DATA WIRING/HOME-RUN. WIRE TYPE SHALL MATCH BUILDING STANDARD.
- LINE TYPE INDICATES TELEPHONE WIRING/HOME-RUN. WIRE TYPE SHALL MATCH BUILDING STANDARD.
- WAP SYMBOL INDICATES WIRELESS ACCESS POINT. CONFIRM EXACT LOCATIONS WITH MANUFACTURER'S RECOMMENDED PLACEMENT. DESIGN BASED AROUND SOPHOS AP 100C. PROVIDE A 1P/20A/120V CIRCUIT IN PANEL LRPC1 TO SERVE ALL OF THE ACCESS POINTS. PROVIDE 2#12, #12GRD. IN 3/4"XND.

SPECIFIC NOTES (REFER TO E-101 WHERE INDICATED):

- SERVER RACK AND PATCH PANEL - MANUFACTURER AND MODEL SHALL MATCH THOSE USED IN THE EXISTING COTTAGES.
- PROVIDE DATA HOME-RUN BACK TO PATCH PANEL IN TEL/DATA ROOM C-295.
- PROVIDE TELEPHONE HOME-RUN BACK TO BOARD IN TEL/DATA ROOM C-295. TELEPHONE JACKS MAY BE DAISY CHAINED IF MULTIPLE JACKS ARE LOCATED WITHIN THE SAME ROOM.



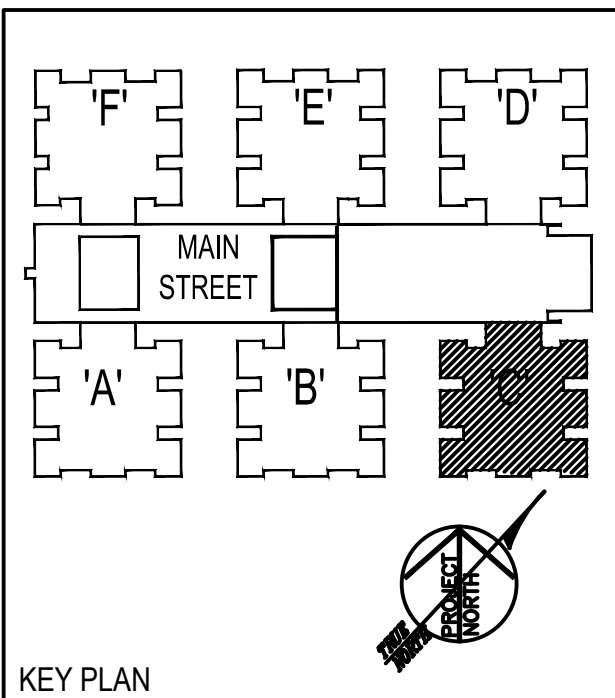
FIRST FLOOR PLAN - LOW-VOLTAGE
SCALE: 1/8" = 1'-0"



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Architect of Record
Gaudreau, Inc.
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410.837.5040



Gaudreau, Inc.
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Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No: 19966 Expiration Date: 03/04/2017

CONSTRUCTION DOCUMENTS

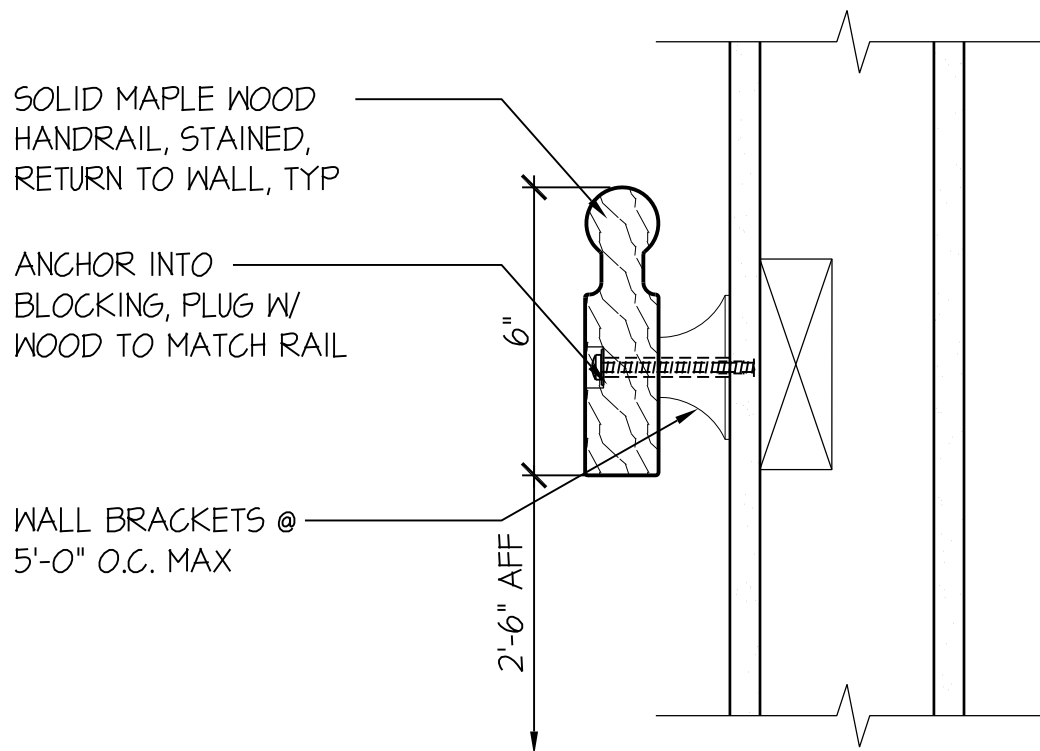
Number	Description	Date
1	PERMIT SUBMISSION	12.21.2015
2	ADDENDUM #2	1.8.2016

Date: 12/21/15

Project Number: 15031.00

FIRST FLOOR
LOW-VOLTAGE PLAN
COTTAGE C

E-301



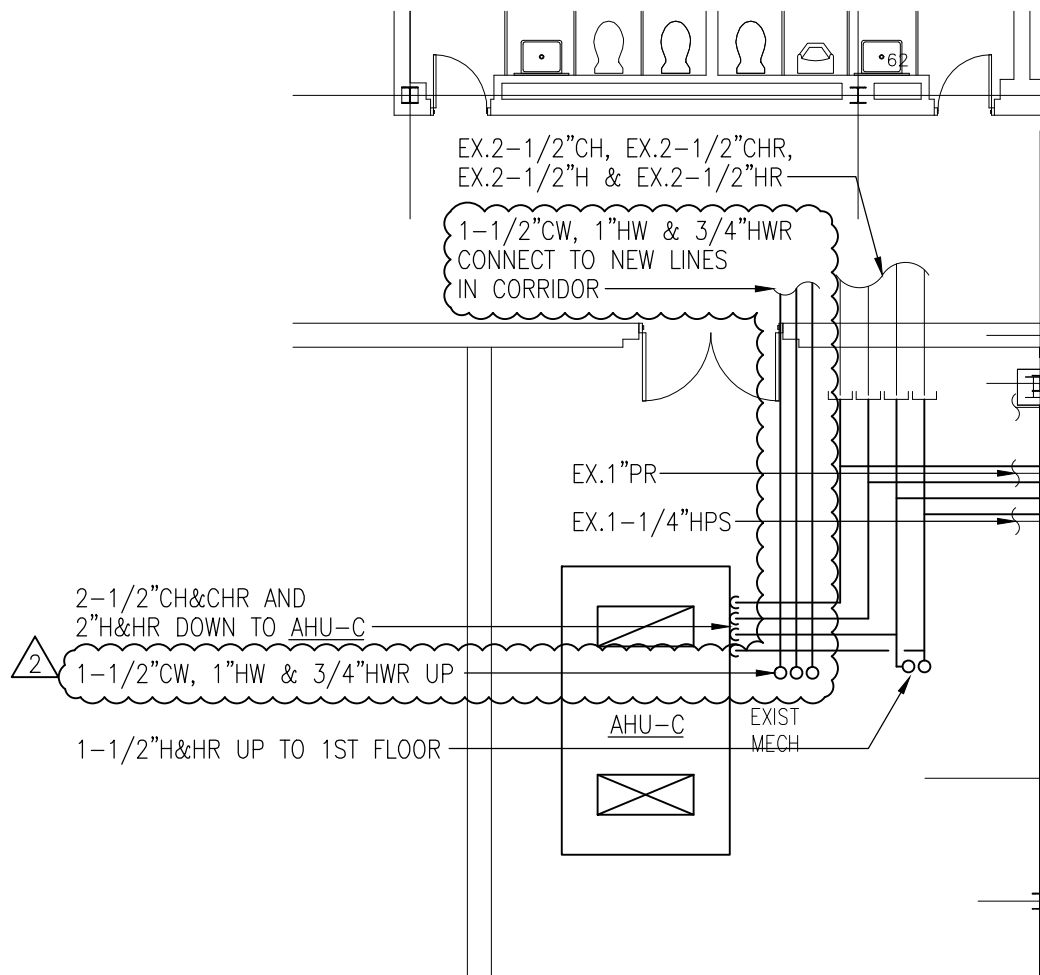
D2 HAND RAIL DETAIL

1 1/2" = 1'-0"

Consultant:	HANDRAIL DETAIL		PN: 15031.00	DATE: 01-08-16
	St. Martin's Home - Little Sisters of the Poor Cottage C Renovations		Reference Dwg: A-601	
			DWG. NO. A-SK-601-01	

PLUMBING FIXTURE SCHEDULE										
DESIG.	DESCRIPTION	SAN	SW	VENT	CW	HW	MANUFACTURER & MODEL	TRIM AND ACCESSORIES	REMARKS	NOTES
P-1	WATER CLOSET (TANK)	3"	-	2"	3/4"	-	KOHLER CIMARRON MODEL K-3496-HE FINISH: WHITE	SEAT: KOHLER MODEL K-4664; ELONGATED WITH COVER; FINISH: WHITE	16-1/2"HIGH, FLOOR MOUNTED 1.28 GALLONS PER FLUSH	1,2,7,9
P-1A	WATER CLOSET (TANK)	3"	-	2"	3/4"	-	KOHLER CIMARRON MODEL K-3496-HE FINISH: WHITE	SEAT: KOHLER MODEL K-4664; ELONGATED WITH COVER; FINISH: WHITE	16-1/2"HIGH, FLOOR MOUNTED, ELONGATED ADA COMPLIANT 1.28 GALLONS PER FLUSH	1,2,7,9
P-3	LAVATORY (COUNTERTOP)	1-1/2"	-	1-1/2"	1/2"	1/2"	PROVIDED UNDER ANOTHER DIVISION	FAUCET: DELTA MODEL 520-MPU SINGLE LEVER, DECK MOUNTED W/POP-UP DRAIN FINISH: POLISHED CHROME	4" ON CENTER FAUCET HOLES PROVIDE WITH 1 GPM AERATOR.	1,2
P-3A	LAVATORY (COUNTERTOP)	1-1/2"	-	1-1/2"	1/2"	1/2"	PROVIDED UNDER ANOTHER DIVISION	FAUCET: DELTA MODEL 520-MPU SINGLE LEVER, DECK MOUNTED W/POP-UP DRAIN FINISH: POLISHED CHROME	4" ON CENTER FAUCET HOLES PROVIDE WITH 1 GPM AERATOR.	1,2
P-3B	LAVATORY (WALL HUNG)	1-1/2"	-	1-1/2"	1/2"	1/2"				
P-4	SERVICE SINK (FLOOR MOUNTED)	3"	-	2"	3/4"	3/4"	FIAT: MSB 2424	FIAT FAUCET: 830-AA; ALUMINUM BUMPER GUARD, HOSE & BRACKET, MOP HANGER	24"x24" MOLDED STONE SINK	1,2
P-5	EXAM SINK	1-1/2"	-	1-1/2"	1/2"	1/2"	BOWL: ELKAY MODEL DLR191910 10" DEEP BOWL WITH (1) FAUCET HOLE FINISH: STAINLESS STEEL	FAUCET: EKLAY MODEL LK500GN05T4 DUAL HANDLE, SINGLE HOLE, 5" GOOSENECK, 4"WRIST BLADE HANDLES FINISH: CHROME	FAUCET: 2.2 GPM	1,2,3
P-6	KITCHEN SINK (SINGLE BOWL)	1-1/2"	-	1-1/2"	1/2"	1/2"	ELKAY: LRAD-2222 6-1/2" DEEP BOWL WITH OFF CENTERED REAR DRAIN OPENING	FAUCET: DELTA MODEL 140-WF; 8" CENTERS FINISH: POLISHED CHROME	ADA COMPLIANT SINGLE LEVER, SWIVEL SPOUT, DECK MOUNTED.	1,2
P-7	DISHWASHER	3/4"	-	-	-	3/4"	PROVIDED UNDER ANOTHER DIVISION			1,2,3
P-8	ICE MAKER	-	-	-	1/2"	-	PROVIDED UNDER ANOTHER DIVISION	GUY GRAY BOX: BIM875	BACKFLOW PREVENTOR (ASSE 1035)	1,2,3
P-9	COFFEE MAKER	-	-	-	1/2"	-	PROVIDED UNDER ANOTHER DIVISION	GUY GRAY BOX: BIM875	BACKFLOW PREVENTOR (ASSE 1035)	1,2,3
NOTES:										
1. COORDINATE LOCATION OF PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS. 2. PROVIDE FINAL PLUMBING CONNECTIONS TO EQUIPMENT PROVIDED UNDER ANOTHER DIVISION. 3. SHOWER SURROUND SHALL BE PROVIDED UNDER ANOTHER DIVISION. 4. PROVIDE A WASHING MACHINE BOX, FLUSH MOUNTED WITH STANDPIPE CONNECTION. 5. PROVIDE A DRAIN PAN WITH HOSE END DRAIN OUTLET CONNECTION AND FOLDING FRONT FLAP FOR UNIT MAINTENANCE. 6. INSTALL WATER SUPPLY FOR WATER CLOSET AT 10" AFF WITH WHEEL STOP. 7. COORDINATE WITH WALL THICKNESS. 8. CONTRACTOR SHALL COORDINATE LEFT OR RIGHT SIDE TRIP WITH ARCHITECTURAL DRAWINGS.										

Consultant:	PLUMBING FIXTURE SCHEDULE		PN: 15031.00	DATE: 01-08-16
	St. Martin's Home - Little Sisters of the Poor Cottage C Renovations		Reference Dwg: P-601	
			DWG. NO. P-SK-601-01	



BASEMENT HVAC PIPING

PN:
15031.00

DATE:
01-08-16

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

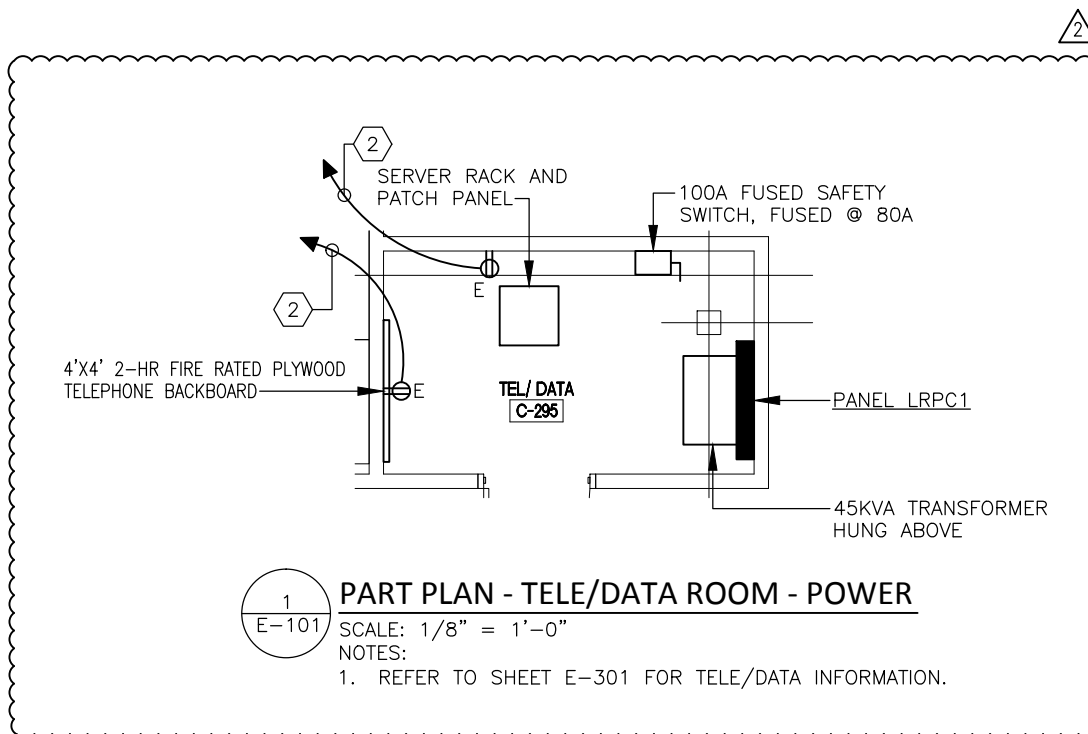
Reference Dwg: M-201

DWG. NO.
M-SK-201-01

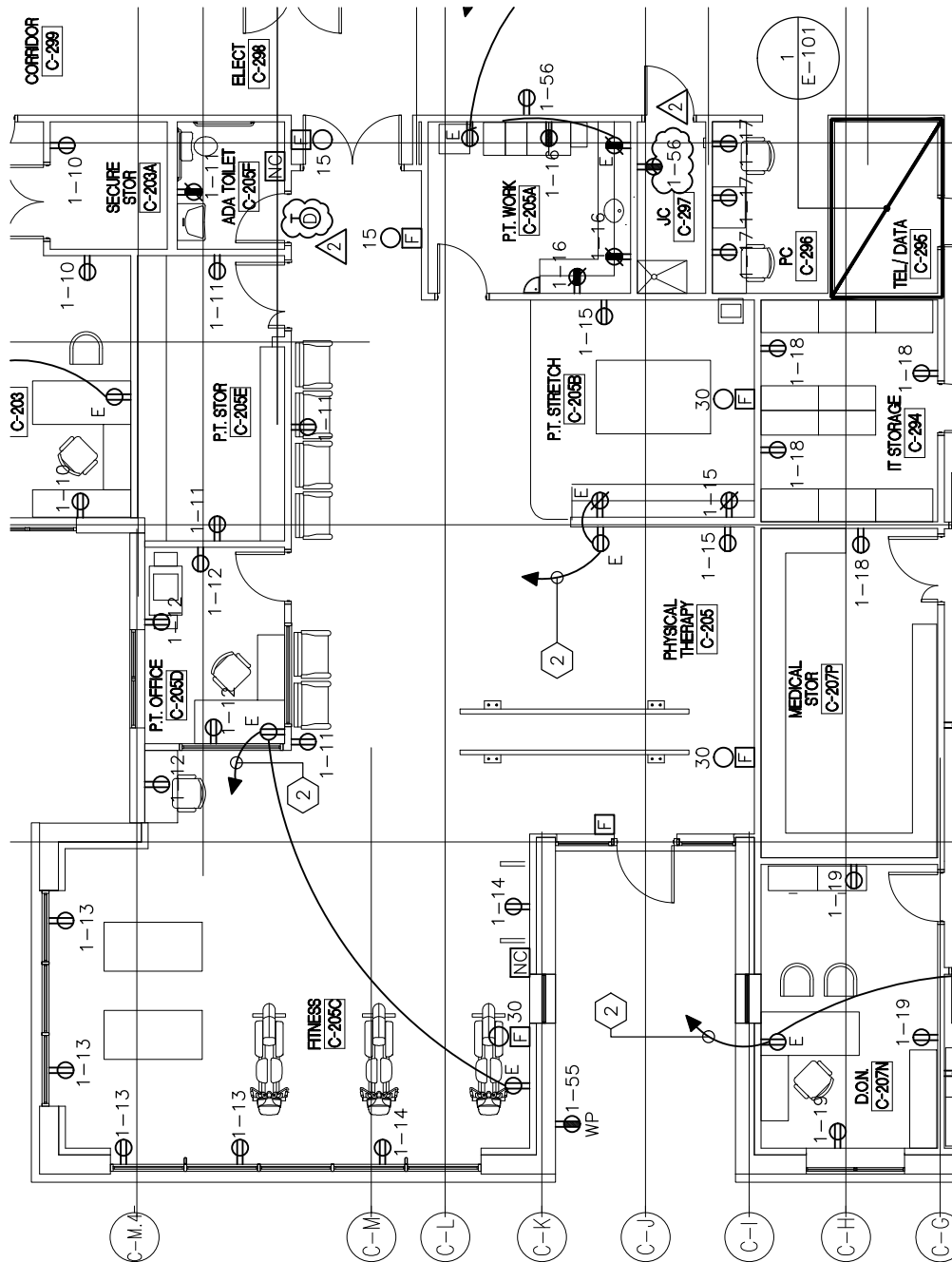
Consultant:

PUMP SCHEDULE												
NO.	SERVICE	GPM	FT. OF HEAD	HP	RPM	SUCTION	DISCHARGE	ELECTRIC	TYPE	MANUFACTURER / MODEL (OR APPROVED EQUIV.)		NOTES
						SIZE (IN.)	SIZE (IN.)				MANUF.	
PP-C-1H (PRIMARY)	FREEZE PROTECTION - AHU 1 HEATING	10	10	1/8	1,725	3/4	3/4	120-1-60	INLINE	TACO IL111		
PP-C-1H (STAND-BY)	FREEZE PROTECTION - AHU 1 HEATING	10	10	1/8	1,725	3/4	3/4	120-1-60	INLINE	TACO IL111		
PP-C-1C (PRIMARY)	FREEZE PROTECTION - AHU 1 COOLING	10	10	1/8	1,725	3/4	3/4	120-1-60	INLINE	TACO IL111		
PP-C-1C (STAND-BY)	FREEZE PROTECTION - AHU 1 COOLING	10	10	1/8	1,725	3/4	3/4	120-1-60	INLINE	TACO IL111		
NOTES:												

	PUMP SCHEDULE	PN: 15031.00	DATE: 01-08-16
	St. Martin's Home - Little Sisters of the Poor Cottage C Renovations	Reference Dwg: M-602	
Consultant:			DWG. NO. M-SK-602-01



Consultant:	TELE/DATA ROOM - POWER		PN: 15031.00	DATE: 01-08-16
	St. Martin's Home - Little Sisters of the Poor Cottage C Renovations		Reference Dwg: E-101	
			DWG. NO. E-SK-101-01	



POWER MODIFICATIONS

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

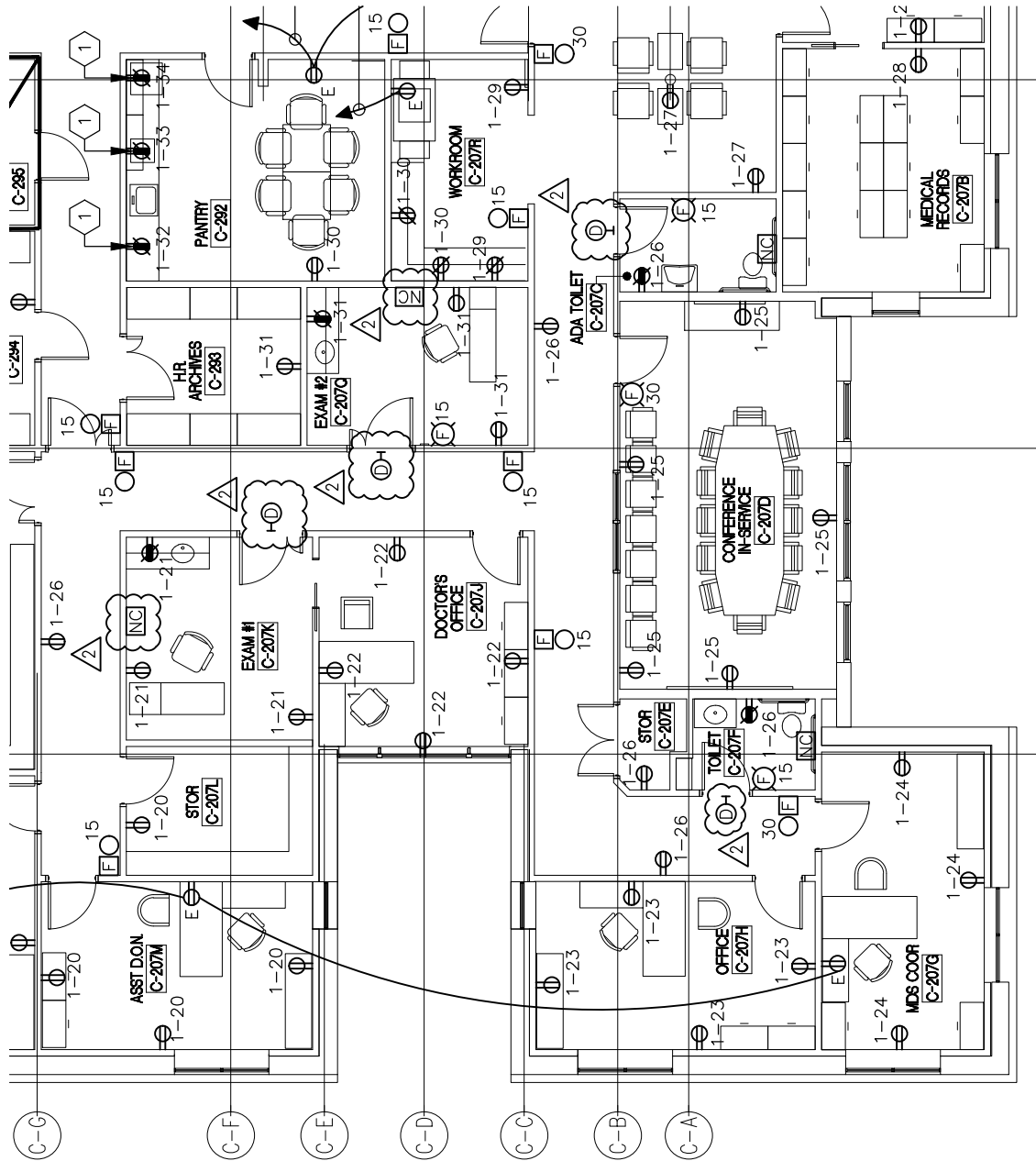
PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-101

DWG. NO.
E-SK-101-02

Consultant:



POWER MODIFICATIONS

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

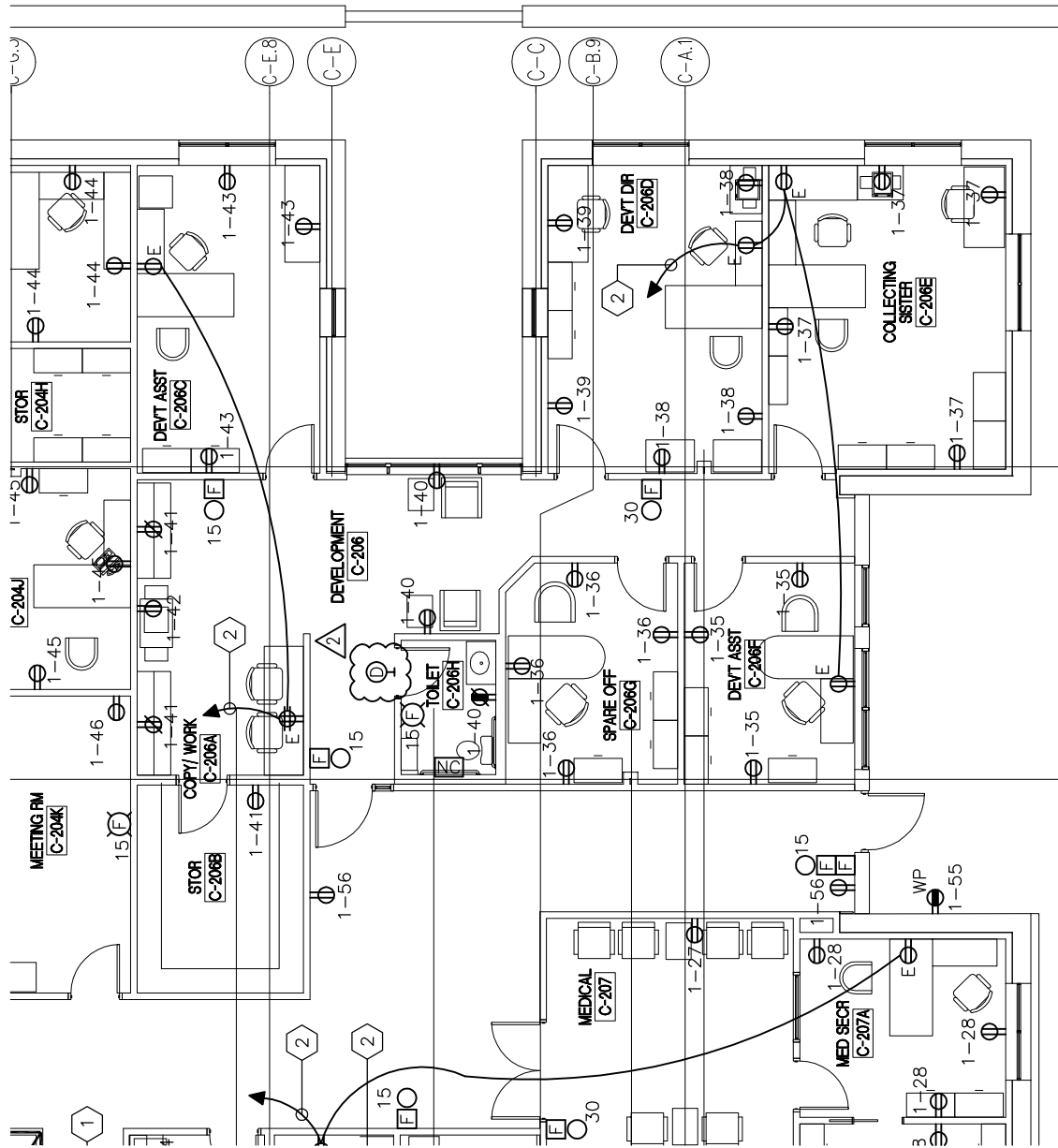
PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-101

DWG. NO.
E-SK-101-03

Consultant:



POWER MODIFICATIONS

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

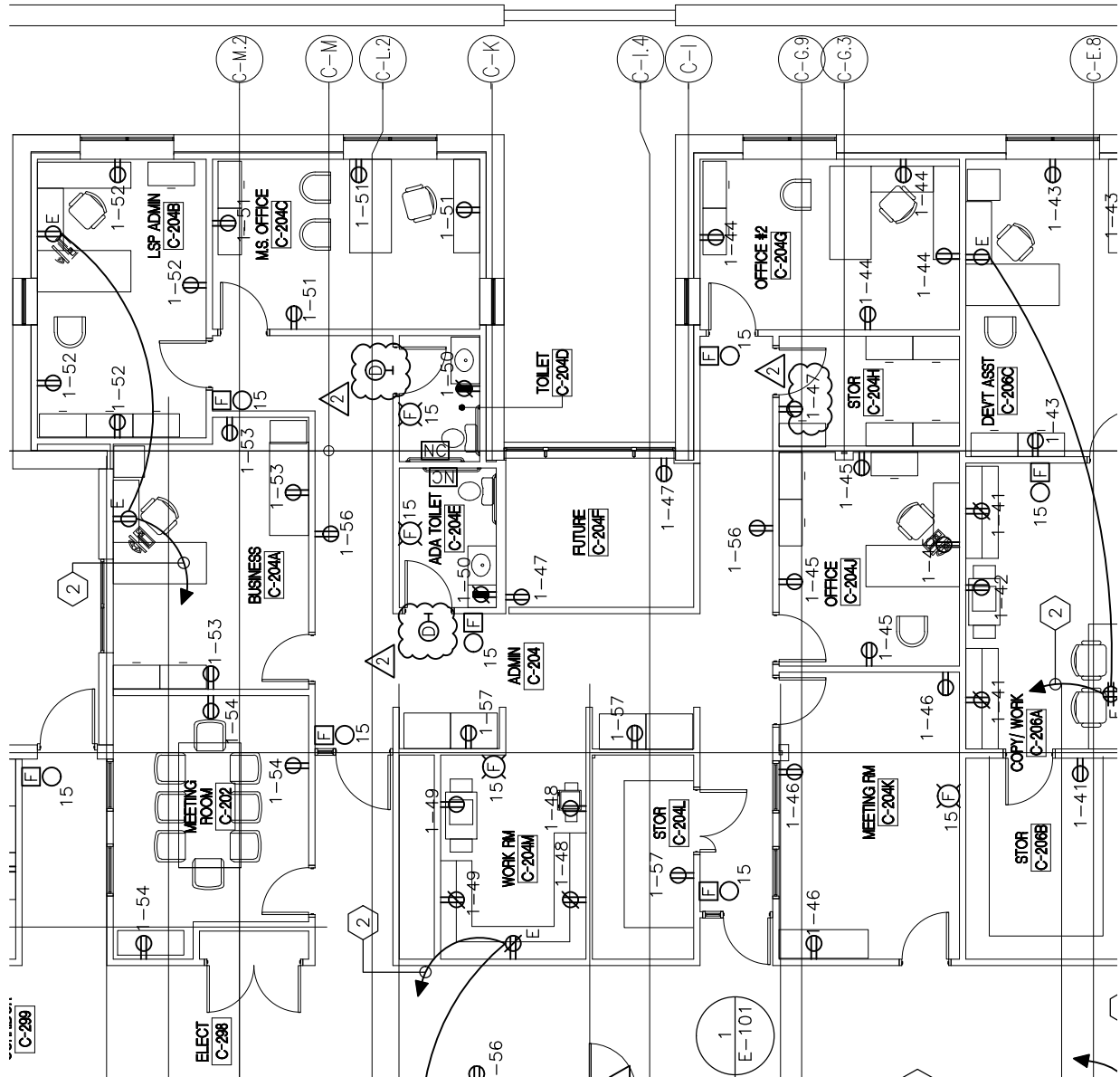
PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-101

DWG. NO.
E-SK-101-04

Consultant:



POWER MODIFICATIONS

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-101

DWG. NO.
E-SK-101-05

Consultant:

EQUIPMENT CONNECTION SCHEDULE

DESIG.	LOAD	UNIT	VOLTS	PHASE	FSS @ UNIT			CIRCUIT	NOTES
					POLE	FRAME	FUSE		
EF-1	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
EF-2	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
EF-3	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
EF-4	128.00	WATTS	120	1	-	-	-	64(LRPC1)	1
EF-5	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
EF-6	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
EF-7	21.00	WATTS	120	1	-	-	-	63(LRPC1)	
FP-C-1H	1/8	HP	120	1	-	-	-	67(LRPC1)	1,2
FP-C-1H	1/8	HP	120	1	-	-	-	69(LRPC1)	1,2
FP-C-1C	1/8	HP	120	1	-	-	-	71(LRPC1)	1,2
FP-C-1C	1/8	HP	120	1	-	-	-	73(LRPC1)	1,2

1. PROVIDE MANUAL MOTOR STARTER.

2. LOCATED IN/NEAR AHU.

EQUIPMENT CONNECTIONS

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

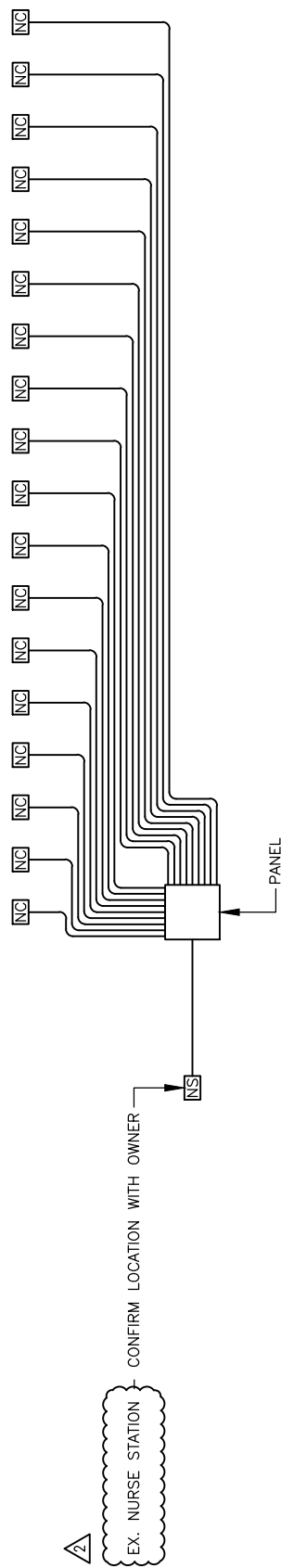
PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-102

DWG. NO.
E-SK-102-01

Consultant:



DETAIL - NURSE CALL RISER

SCALE: NONE

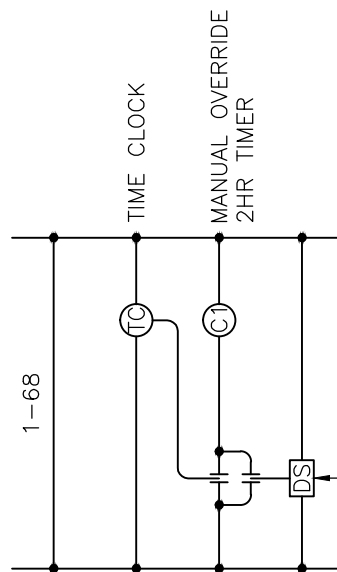
NOTES:

1. VERIFY AMOUNT OF DEVICES WITH FLOOR PLAN, REFER TO SHEET E-101.

Consultant:	NURSE CALL		PN: 15031.00	DATE: 01-08-16
	St. Martin's Home - Little Sisters of the Poor Cottage C Renovations		Reference Dwg: E-501	
			DWG. NO. E-SK-501-01	

2

CONTACTOR CONTROL SCHEDULE		
PANEL	CIRCUIT NUMBER	CONTACTOR
LRPC1	66	C1



DIGITAL TIMED WALL SWITCH AND DIMMER FOR
MANUAL OVERRIDE. LOCATE SWITCH AS DIRECTED BY
OWNER.

DETAIL - TIMECLOCK - EXTERIOR LIGHTING

SCALE: NONE

NOTE: LOCATE EQUIPMENT IN TEL/DATA ROOM.

EXTERIOR LIGHTING CONTROL

PN:
15031.00

DATE:
01-08-16

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

Reference Dwg: E-501

DWG. NO.
E-SK-501-03

Consultant:

LIGHTING FIXTURE SCHEDULE

NOTE: VERIFY CEILING AND WALL CONSTRUCTION AND FINISHES WITH THE ARCHITECT'S DRAWINGS AND FINISH SCHEDULES FURNISH PROPER MOUNTING FRAMES, BRACKETS AND HARDWARE AS REQUIRED TO BE COMPATIBLE WITH ARCHITECTURAL FINISHES. MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF FIXTURE

TYPE	DESCRIPTION	LAMPS			MAX W.	MOUNTING	MANU. / MODEL No. (OR APPROVED EQUAL)
		VOLTS	NO.	TYPE			
K	2'X4' LED TROFFER; DIFFUSE MATTE ACRYLIC CENTER; 3500K; 5500 LUMENS; 0-10V DIMMING DRIVER.	120	-	LED	58W	RECESSED	HE WILLIAMS AT2 SERIES
L	ARCHITECTURAL WALL PACK; 1800 LUMENS; 4000K; TYPE 3 DISTRIBUTION; SUITABLE FOR WET LOCATIONS.	120	-	LED	22W	WALL	HE WILLIAMS VWP SERIES

NOTES:

- ALL FINISHES/COLORS TO BE SELECTED BY ARCHITECT.
- VERIFY MOUNTING WITH ARCHITECTURAL DRAWINGS.
- TYPE A FIXTURES ARE EXISTING, LEFT OVER FROM PREVIOUS PHASE.

LIGHT FIXTURE CONTROL DEVICE SCHEDULE

TYPE	DESCRIPTION	MANUFACT.	MODEL #	TIME DELAY
OC1	CEILING MOUNTED, MULTI-TECHNOLOGY, OCCUPANCY SENSOR; 1000 SQFT.	LEVITON	ODC10-MDW	30MINS
VC1	CEILING MOUNTED, MULTI-TECHNOLOGY, VACANCY SENSOR; 1000 SQFT.	LEVITON	ODC10-MDW	30MINS
PP	POWER PACK - PROVIDES POWER TO DEVICES	LEVITON	OPP20	-
SLV	LOW-VOLTAGE ON/OFF SWITCH	LEVITON	-	-
SLVD	LOW-VOLTAGE SWITCH WITH RAISE/LOWER FUNCTION	LEVITON	-	-
So	WALL MOUNTED, MULTI-TECHNOLOGY, OCCUPANCY SENSOR; 2400 SQFT.	LEVITON	OSSMT-MDW	30MINS
Sv	WALL MOUNTED, MULTI-TECHNOLOGY, VACANCY SENSOR; 2400 SQFT.	LEVITON	OSSMT-GTI	30MINS
DL	DAYLIGHT SENSOR	LEVITON	ODCOP-DOW	-

LIGHTING SCHEDULES

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

PN: 15031.00 DATE: 01-08-16

Reference Dwg: E-601

DWG. NO.
E-SK-601-01

Consultant:

EX. PANEL ELSPC (CIRCUIT #2)

Volts: **208/120** Bus: **EXISTING** Poles: **42** Remarks: **EXISTING**
 Phase: **3** Main: **175A** Mtg: **EXISTING**
 Wire: **4** AIC: **EXISTING**

CKT	FOR	CIRCUITING			BREAKER		LOAD			BREAKER		CIRCUITING			FOR	CKT
		NO	SIZE	C.	POLE	AMP	KVA	phase	KVA	AMP	POLE	C.	SIZE	NO		
1	EXISTING	EX.	EX.	EX.	1	20A	1.00	a	1.00	20A	1	EX.	EX.	EX.	EXISTING	2
3	EXISTING	EX.	EX.	EX.	1	20A	1.00	b	1.00	20A	1	EX.	EX.	EX.	EXISTING	4
5	EXISTING	EX.	EX.	EX.	1	20A	1.00	c	1.00	20A	1	EX.	EX.	EX.	EXISTING	6
7	EXISTING	EX.	EX.	EX.	1	20A	1.00	a	1.00	20A	1	EX.	EX.	EX.	EXISTING	8
9	EXISTING	EX.	EX.	EX.	1	20A	1.00	b	1.00	20A	1	EX.	EX.	EX.	EXISTING	10
11	EXISTING	EX.	EX.	EX.	1	20A	1.00	c	1.00	20A	1	EX.	EX.	EX.	EXISTING	12
13	EXISTING	EX.	EX.	EX.	1	20A	1.00	a	1.00	20A	1	EX.	EX.	EX.	EXISTING	14
15	LTG: COTTAGE C*	2/1	12/12	12/12	1	20A	0.68	b	0.50	20A	1	3/4"	12/12	2/1	LTG: EXTERIOR*	16
17	SPACE	-	-	-	1	-	-	c	-	-	1	-	-	-	SPACE	18
19	SPACE	-	-	-	1	-	-	a	-	-	1	-	-	-	SPACE	20
21	SPACE	-	-	-	1	-	-	b	-	-	1	-	-	-	SPACE	22
23	SPACE	-	-	-	1	-	-	c	-	-	1	-	-	-	SPACE	24
25	EXISTING	EX.	EX.	EX.	1	60A	5.00	a	5.00	60A	3	EX.	EX.	EX.	EXISTING	26
U							5.00	b	5.00							28
29							5.00	c	5.00							30
31	SPACE	-	-	-	1	-	-	a	-	-	1	-	-	-	SPACE	32
33	SPACE	-	-	-	1	-	-	b	-	-	1	-	-	-	SPACE	34
35	SPACE	-	-	-	1	-	-	c	-	-	1	-	-	-	SPACE	36
37	EXISTING	EX.	EX.	EX.	1	60A	5.00	a	-	-	1	-	-	-	SPACE	38
39							5.00	b	-	-	1	-	-	-	SPACE	40
41							5.00	c	-	-	1	-	-	-	SPACE	42

NOTES:

*PROVIDE NEW BREAKER.

Total	21.00	Connected kVa	Phase A Amps:	175.00
	20.18	Connected kVa	Phase B Amps:	168.00
	19.00	Connected kVa	Phase C Amps:	158.00
60.18	Connected kVa	Average Connected Amps:	167.17	
58.18	Demanded Kva	Average Demand Amps:	161.61	

PANEL SCHEDULES

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

PN: 15031.00 DATE: 01-08-16
 Reference Dwg: E-601
 DWG. NO. E-SK-601-02

Consultant:

PANEL LRPC1 (CIRCUIT #1)																
Volts: 208/120		Bus: 225A				Poles: 84				Remarks: FED FROM MAIN SWBD.						
Phase: 3		Main: 150A				Mtg: SURFACE										
Wire: 4		AIC: 10,000														
CKT	FOR	CIRCUITING			BREAKER		LOAD			BREAKER		CIRCUITING			FOR	CKT
		NO	SIZE	C.	POLE	AMP	KVA	phase	KVA	AMP	POLE	C.	SIZE	NO		
1	LTG: PT	2/1	12/12	3/4"	1	20A	1.50	a	1.31	20A	1	3/4"	12/12	2/1	LTG: OFFICE	2
3	LTG: OFFICE	2/1	12/12	3/4"	1	20A	1.56	b	1.44	20A	1	3/4"	12/12	2/1	LTG: OFFICE	4
5	LTG: OFFICE	2/1	12/12	3/4"	1	20A	1.41	c	1.28	20A	1	3/4"	12/12	2/1	LTG: CORRIDOR	6
7	LTG: NIGHT LIGHTING*	2/1	12/12	3/4"	1	20A	0.38	a	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-201	8
9	REC: RM. C-200	2/1	12/12	3/4"	1	20A	0.60	b	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-203,203	10
11	REC: RM. C-205,205E,205F	2/1	12/12	3/4"	1	20A	1.00	c	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-205C,205D	12
13	REC: RM. C-205C	2/1	12/12	3/4"	1	20A	0.80	a	0.40	20A	1	3/4"	12/12	2/1	REC: RM. C-205C	14
15	REC: RM. C-205,205B	2/1	12/12	3/4"	1	20A	0.60	b	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-205A	16
17	REC: RM. 296	2/1	12/12	3/4"	1	20A	0.60	c	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-207P,294	18
19	REC: RM. 207N	2/1	12/12	3/4"	1	20A	0.60	a	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-207L,207M	20
21	REC: RM. C-207K	2/1	12/12	3/4"	1	20A	0.60	b	0.80	20A	1	3/4"	12/12	2/1	REC: RM. 207J	22
23	REC: RM. C-207H	2/1	12/12	3/4"	1	20A	0.80	c	0.60	20A	1	3/4"	12/12	2/1	REC: RM. 207G	24
25	REC: RM. C-207D	2/1	12/12	3/4"	1	20A	1.00	a	1.20	20A	1	3/4"	12/12	2/1	REC: COMMON	26
27	REC: RM. C-207	2/1	12/12	3/4"	1	20A	0.60	b	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-207A,207B	28
29	REC: RM. C-207R	2/1	12/12	3/4"	1	20A	0.40	c	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-207R,292	30
31	REC: RM. C-207Q,293	2/1	12/12	3/4"	1	20A	0.80	a	1.00	20A	1	3/4"	12/12	2/1	REC: RM. 292	32
33	REC: RM. 292	2/1	12/12	3/4"	1	20A	1.00	b	1.00	20A	1	3/4"	12/12	2/1	REC: RM. 292	34
35	REC: RM. C-206F	2/1	12/12	3/4"	1	20A	0.60	c	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-206G	36
37	REC: RM. C-206E	2/1	12/12	3/4"	1	20A	1.20	a	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-206D	38
39	REC: RM. C-206D	2/1	12/12	3/4"	1	20A	0.40	b	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-206,206H	40
41	REC: RM. C-206A,206B	2/1	12/12	3/4"	1	20A	0.60	c	1.00	20A	1	3/4"	12/12	2/1	REC: RM. 206A	42
43	REC: RM. C-206C	2/1	12/12	3/4"	1	20A	0.60	a	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-204G	44
45	REC: RM. C-206J	2/1	12/12	3/4"	1	20A	0.80	b	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-204K	46
47	REC: RM. C-204F	2/1	12/12	3/4"	1	20A	0.40	c	1.00	20A	1	3/4"	12/12	2/1	REC: RM. C-204M	48
49	REC: RM. C-204M	2/1	12/12	3/4"	1	20A	1.00	a	0.40	20A	1	3/4"	12/12	2/1	REC: RM. C-204D,204E	50
51	REC: RM. C-204C	2/1	12/12	3/4"	1	20A	0.80	b	0.80	20A	1	3/4"	12/12	2/1	REC: RM. C-204B	52
53	REC: RM. C-204A	2/1	12/12	3/4"	1	20A	0.60	c	0.60	20A	1	3/4"	12/12	2/1	REC: RM. C-202	54
55	REC: EXTERIOR	2/1	12/12	3/4"	1	20A	0.60	a	1.40	20A	1	3/4"	12/12	2/1	REC: CORRIDOR	56
57	REC: CORRIDOR	2/1	12/12	3/4"	1	20A	0.60	b	0.60	20A	1	3/4"	12/12	2/1	VAV CONTROL CIRCUIT	58
59	VAV CONTROL CIRCUIT	2/1	12/12	3/4"	1	20A	0.60	c	0.60	20A	1	3/4"	12/12	2/1	VAV CONTROL CIRCUIT	60
61	BASEBOARD CONTROL	2/1	12/12	3/4"	1	20A	0.60	a	0.60	20A	1	3/4"	12/12	2/1	BASEBOARD CONTROL	62
63	EF-1,2,3,5,6	2/1	12/12	3/4"	1	20A	0.30	b	0.15	20A	1	3/4"	12/12	2/1	EF-1	64
65	NURSE CALL	2/1	12/12	3/4"	1	20A	0.30	c	0.50	20A	1	3/4"	12/12	2/1	LTG: EXTERIOR	66
67	FP-C-1H	2/1	12/12	3/4"	1	20A	0.50	a	0.10	20A	1	3/4"	12/12	2/1	TIME CLOCK	68
69	FP-C-1H	2/1	12/12	3/4"	1	20A		b		20A	1	-	-	-	SPARE	70
71	FP-C-1C	2/1	12/12	3/4"	1	20A	0.50	c		20A	1	-	-	-	SPARE	72
73	FP-C-1C	2/1	12/12	3/4"	1	20A		a		20A	1	-	-	-	SPARE	74
75	SPARE	-	-	-	1	20A		b		20A	1	-	-	-	SPARE	76
77	SPARE	-	-	-	1	20A		c		20A	1	-	-	-	SPARE	78
79	SPARE	-	-	-	1	20A		a		20A	1	-	-	-	SPARE	80
81	SPARE	-	-	-	1	20A		b		20A	1	-	-	-	SPARE	82
83	SPARE	-	-	-	1	20A		c		20A	1	-	-	-	SPARE	84

NOTES:

*PROVIDE SWITCH RATED BREAKER.

Total 18.79 Connected kVa
16.05 Connected kVa
16.39 Connected kVa
51.23 Connected kVa
36.36 Demanded Kva

Phase A Amps: 157.00
Phase B Amps: 134.00
Phase C Amps: 137.00
Average Connected Amps: 142.31
Average Demand Amps: 100.99

PANEL SCHEDULES

St. Martin's Home - Little Sisters of the Poor
Cottage C Renovations

PN:
15031.00

DATE:
01-08-16

Reference Dwg: E-601

DWG. NO.
E-SK-601-02

Consultant: