

ADDENDUM No. 2

June 7, 2017

Little Sisters of the Poor Lobby and Canopy Renovations
601 Maiden Choice Lane, Baltimore MD 21228

Project No: 17000.00

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 May 5, 2017. 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. See attached new Specification Section 099999 Interior Finishes Legend for selection and clarification of interior finishes.
2. Geotechnical Report: see attached report from Herbst/ Benson & Associates dated May 31, 2017 concerning recommendations for the foundation design and soil preparation.
3. Specification Section 062013 Exterior Finish Carpentry: Article 2.2: Revise title to: "Glulam Lumber".
 - a. Revise 2.2 A 1. As follows:
 1. Lamboo Technologies, LLC; exterior "Lamboo Elements" or approved equal for canopy and trellis/ pergola.
 - a. Glulam lumber sizes and connections shall be engineered by supplier of materials.
 - b. Materials shall be field stained, color to be selected by Architect.
4. Specifications for sanitary, storm and vent piping shall be as follows: underground installations shall be PVC. Above ground and in plenum areas shall be cast iron.
5. Specification Section 283100, Article 3.1 D: remove "Montgomery County", Article shall read "The contractor shall include in the contract price, independent certification of the completed fire alarm system meeting the requirements of the local Fire Marshal".

CHANGES TO DRAWINGS:

1. Civil Drawing 1 of 1:
 - a. See attached sketch C-SK-01 for new Concrete Paving Section.
 - b. See attached sketch C-SK-02 for revisions to the site plan (as described in Addendum 1)
2. Drawing AL-102: see attached revised drawing:
 - a. Roof details A1 & A2: the EIFS, including the top 7 1/8", shall be constructed per the EIFS specifications, there is no special substrate. Build-up profile as indicated.
3. Drawing AL-103:
 - a. See attached sketch A-SK-103-01 for updated Finish Schedule.
 - b. See attached sketch A-SK-103-02 for updated Finish Plan.
4. Drawing AL-104:
 - a. See attached sketch A-SK-104-01 for added footing information.

Little Sisters of the Poor Lobby and Canopy Renovations
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5. Drawing E-101:
 - a. First Floor Plan – Lighting: see attached revised drawing for added exterior lights and added lights to the emergency circuit.
 - b. First Floor Plan – Power: see attached revised drawing for added and/ or revised power for reception area equipment, added data/ telephone wiring and termination locations, exterior receptacles, connections for automatic door operators and emergency power outlets.
 - c. See changes to specific notes.
 - d. See added light fixture control device schedule.
6. Drawing E-401:
 - a. See attached sketch E-SK-401-01 for revisions to the Basement Part Plan - Power.
7. Drawing E-501;
 - a. See revised drawing for revised panel and light fixture schedules.
 - b. Details are for reference only.

Attachments:

1. (1) New specification section, 099999 Interior Finishes Legend
2. Geotechnical Report
3. (6) sketches C-SK-01 & C-SK-02, A-SK-103-01, A-SK-103-02, A-SK-104-01, & E-SK-401-01.
4. (2) Revised drawing as follows: E-101 and E-501.

END OF ADDENDUM No. 2

SECTION 099999

INTERIOR FINISHES LEGEND (BASIS OF DESIGN)

1. Ceilings: Acoustical Panel Ceiling (APC) with Grid Type and Ceiling Accent Trim (CA); *Refer to Reflected Ceiling Plan and finish schedule for locations.
 - a. APC1: Armstrong, Optima, Square Tegular, Fine Texture, color: White, size: 24" x 24" x 1" Grid –9/16" Tegular, color: White (Lobby/ Corridor, Meeting Room)
 - b. APC2: Armstrong, Optima, Square Tegular, Fine Texture, color: White, size: 24" x 48" x 1" Grid –9/16" Tegular, color: White (Offices, Reception, Gift Shop)
 - c. APC3: Armstrong, Ultima Health Zone, Square Lay-in, Fine Texture, color: White, size: 24" x 48" x 3/4" Grid –15/16" Prelude, color: White, (Toilet Rooms)
 - d. APC4: Armstrong, Fine Fissured, Square Lay-in, Medium Texture, color: White, size: 24" x 48" x 5/8" Grid –15/16" Prelude, color: White, (Janitor Closet, UPS, Elect, Storage)
2. Ceramic Tile (CT)
 - a. CT1 - Dal Tile, Florentine, Color: Marfil FL07, size: 12"x12" (Toilet Rooms), Grout: Mapei: 05 Chamois
 - b. CT2 – Dal Tile, Rittenhouse Square, Color: X735 Matte Almond, Size: 3"x6" (Toilet Rooms – wainscot), Grout: Mapei: 49 Light Almond
3. Paint (PT)
 - a. PT1 - Sherwin Williams Promar 200 # SW7004 Snowbound (drywall ceilings & bulkheads)
 - b. PT2 - Sherwin Williams Promar 200 #SW7572 Lotus Pond (general field color)
 - c. PT3 - Sherwin Williams Promar 200 #SW6191 Contented (accent – one wall per office, gift shop & reception)
4. Solid Surface Counters (SS) Eased edge, typical
 - a. SS1 Corian, Terra Collection, Color: Sahara (worksurface countertops at reception, window sills, vanities).
 - b. SS2 Meganite, Color: Moscada Granite (transaction top at reception counter)
6. Plastic Laminate (PL)
 - a. PL1 – Nevamar, Grand Island Maple W8371T (Reception wall cabinets)
 - b. PL2 – Wilsonart, Studio teak 7960K-18 (Reception base cabinets)
7. Vinyl Wall Base (VB)
 - a. VB1 – Johnsonite 4" vinyl cove base, Color: Fawn 80 (All enclosed rooms except toilets and Meeting Room)
8. Wood Veneer Stain (WD)
 - a. WD1 - Match owner provided sample
9. Rubber Wall Base (RB)
 - a. RB1 – Johnsonite, 4 1/4" ht resilient base, Millwork, Reveal Profile # MW-XX-F, color: Fawn #80 (Meeting Room L-105, Waiting L-107)
 - b. RB2 – Johnsonite, 3" ht resilient base, Millwork, Oblique Profile # MW-XX-N, color: Black #40 (Lobby/ Corridors (except at pilasters) Owner provided material)

10. Simulated & Wood Trim (WB & CR)
 - a. WB1 – Simulated wood base – C/S Acrovyn 8" ht. Color 373 Amber Cherry ((4) Pilasters in corridor)
 - b. CR1 - Simulated wood chair rail – C/S Acrovyn 4" ht. Color 373 Amber Cherry ((4) Pilasters in corridor)
 - d. CR2 - Wood chair rail – 3 1/2" ht. per Main Street detail B4/ A-421, stain to match owner sample. (Waiting, Meeting Room).
11. Wall Covering (WC)
 - a. WC1 – Eykon, Pattern: Chessie (Tower Wallcovering) TR-CH-24, Color: Cypress Hill, 20 oz., 54" wide, random reversible match (Waiting & Meeting Room below chair rail)
 - b. WC2 – MDC, Pattern: Arani Silk, color: Raw 5025AS/4707 20 oz., 54" wide, random reversible (Lobby walls, Waiting & Meeting Room above chair rail)
 - d. WC3 - Eykon, Pattern: Tosca Grille (Source One) 2VTL-04, Color: Nickel, 20 oz., 54" wide, random reversible match (toilet rooms above tile wainscot)
12. Carpet (CPT)
 - a. CPT1 – Shaw Contract, Kusa Tile, Terasu Collection, Style 5A238 Dragonfly #36315, size: 24" x 24" tiles (Waiting border carpet)
 - b. CPT2 – Shaw Contract, Hana Tile, Terasu Collection, Style 5A237 Dragonfly #36315, size: 24" x 24" tiles (Waiting field carpet)
 - c. CPT3 – Shaw Contract, Kusa, Terasu Collection, Style 5A238 Dragonfly #36315, size: 12'-0" rolls (Offices, Gift Shop, Meeting Room, Reception)
 - d. CPT4 – Shaw Contract, Carpet Tile Walk-off Mat: Steppin Out; Style Bon Jour II Tile, Style No. 5T032, Color: to be determined (Vestibule)
13. Terrazzo Tile (TT) (Owner provided material)
 - a. TT1 - Fritz Tile, 03-30-16E-3, color: TAN, size: 3/16" x 12" x 12" (Lobby/ Corridors, UPS)
14. Sheet Vinyl (SV)
 - a. Owner provided material
16. Wall Protection (WP)
 - a. WP1 – C/S Acrovyn, Color 373 Amber Cherry Rigid Sheet & matching trim, Size: 3' ht. x 80' x .060 ((4) Pilasters at corridor)
17. Corner Guard (CG)
 - a. CG1 – C/S Acrovyn: color #997 Irish Cream
 - b. CG2 - Simulated wood, C/S Acrovyn color 373 Amber Cherry ((4) Pilasters at corridor)
 - c. CG3 – C/S Acrovyn: color #315 Galveston Gray (Meeting room corner)
18. Solar Shade (WT)
 - a. WT1 – Mechoshades Thermoveil Dense Basket Weave 1300 Series (color: 1316 Eggshell (5% open); Alabaster valances
19. Transitions (TS)
 - a. TS1 – Schluter Systems, Schiene #A-90, Satin Anodized Aluminum, Size: 5/16" (Terrazzo Tile to LVT)
 - b. TS2 – Schluter Systems, RENO U #A-90, Satin Anodized Aluminum, Size: 5/32" (Ceramic Tile to LVT & Carpet to Terrazzo Tile)

END OF SECTION

ENTRANCEWAY CANOPY
ST. MARTIN'S HOME
BALTIMORE COUNTY, MARYLAND

HERBST/BENSON & ASSOCIATES
GEOTECHNICAL ENGINEERS

May 31, 2017

Gaudreau, Inc.
810 Light Street
Baltimore, Maryland 21230

Attention: Sharon R. Walsh, AIA
Senior Associate

Re: Entranceway Canopy
St. Martins Home
Baltimore County, Maryland

Gentlemen:

We have completed the authorized geotechnical study for the above-referenced project. The purpose of the study was to determine geotechnical design criteria and construction recommendations for the proposed canopy which will extend over a new drop-off drive lane in front of the main entrance. The methods of explorations and tests, the subsurface data, and our conclusions and recommendations concerning the geotechnical aspects of the project are presented in the following sections of the report.

I. SUBSURFACE EXPLORATIONS

The subsurface exploratory program consisted of two standard penetration test borings, B-1 and B-2, drilled at the approximate locations shown on PLATE 1, BORING LOCATION PLAN. The borings were advanced using solid stem, continuous flight helical augers to the planned 15-foot termination depth. Standard penetration testing and split-spoon soil sampling were performed at regular intervals as the borings were advanced.

The information obtained from the test borings is presented on PLATE 2, BORING PROFILES. The method of classification used for the soil descriptions shown on the boring profiles is outlined in the enclosure CLASSIFICATION OF SOILS, included in the back of this report.

II. SITE DESCRIPTION

St. Martin House is located in southwest Baltimore County on the northeast side of Maiden Choice Lane just beyond the Charlestown senior community. The specific site of the canopy is in front of the main entrance to the building at the end of the dual lane entrance drive. The ground surface is relatively flat. The canopy area presently contains the entry sidewalk, lawn, landscaping and pavement.

III. SUBSURFACE MATERIALS

The ground surface at B-1 is covered with 7 inches of topsoil. At B-2, 16 inches of pavement is found; 10 inches of hot-mix asphalt over 6 inches of crushed stone base. A thin layer of clay and rock fill is present below the pavement in B-2 to a depth of 2 feet below existing grade.

The native soils appear to be residual in origin, having been formed from weathering and decomposition of the underlying bedrock formation. The upper strata are stiff silt & clay combinations with minimal sand content. The lower soil strata are predominantly medium dense to dense non-plastic sand and silt combinations. Details concerning soil type and stratification can be seen on the BORING PROFILES.

IV. GROUNDWATER

Groundwater was not encountered or indicated to the drilled depths in either of the test borings during, at completion of, or one day after completion of drilling operations.

V. PROPOSED CONSTRUCTION

The canopy structure will be supported by a column at each corner and will cover the entrance sidewall and a new drop-off drive lane. We anticipate relatively light downward column loads. There are also uplift wind loads to be considered in canopy design.

VI. CANOPY SUPPORT RECOMMENDATIONS

We recommend that the canopy be supported on standard footings founded at least 3 feet below the proposed ground or pavement surface and proportioned for an allowable soil bearing pressure no greater than 2 KSF.

It is unlikely that the excavated clay soils could be readily reused as properly controlled compacted backfill over the newly placed footings. We would recommend the use of RC-6 or CR-6 for backfill placed and compacted in accordance with APPENDIX III, COMPACTED FILL to provide proper support of the pavement over the backfill. These aggregates compacted to the required density in APPENDIX III could be considered as resistance to uplift using a mass unit weight of 115 PCF for RC-6 and 140 PCF for CR-6.

VII. GEOTECHNICAL CONSTRUCTION MONITORING

We recommend that Herbst/Benson & Associates be retained to provide the geotechnical monitoring and testing services during the footing construction and excavation backfill. This is to observe compliance with design concepts,

specifications and recommendations and to allow design changes in the event that subsurface conditions differ from those anticipated prior to the start of construction. The founding soils should be observed and tested for adequate bearing. The backfill shall be checked for proper material type, placement, and degree of compaction. We can also verify footing dimensions and reinforcement and test foundation concrete.

VIII. GENERAL CONDITIONS

This report has been prepared in accordance with generally accepted geotechnical engineering practice to aid in the evaluation and design of this project. In the event of changes in the proposed construction (types, elevations, locations, etc.) the conclusions and recommendations presented in this report should not be considered valid unless changes are reviewed and the conclusions of this report are modified or approved in writing by our office.

The analyses and recommendations included in this report are based upon the data obtained from the test borings performed at the approximate locations indicated on the boring location plan. This report does not reflect variations which may occur between or away from the borings. The nature and extent of the variations may not become evident until the time of construction. If significant variations then become evident, it may be necessary for us to reevaluate the recommendations of this report.

All recovered soil samples are examined in our office by trained personnel and compared to the driller's boring logs. Soil descriptions may be modified based upon this review. The revised boring logs are used as the basis for our evaluation and are included in the report in profile form.

We appreciate the opportunity to provide a geotechnical study for the St. Martin House entry canopy. Please do not hesitate to contact us should you or the other consultants have any comments or questions.

Most Sincerely,

HERBST/BENSON & ASSOCIATES

By: Robert C. Benson, P.E.
Principal

RCB
17030MD

APPENDIX III
COMPACTED FILL

A. Embankment shall be constructed of approved materials from the excavation or from other sources. The material shall be free from organic materials, trash, muck, roots, frost and other deleterious substances.

B. Before depositing fills, the ground surface shall be cleared of all refuse, brush, grass, roots, ice and frozen material. All organic matter and otherwise unsuitable soils shall be removed from the surface to be filled. The exposed surface shall be plowed or scarified if required to a depth of six inches. Soils so scarified, or which have been disturbed by grubbing and stripping operations, shall be compacted to undisturbed soil below by discing, leveling, rolling, and compacting at the moisture content and to the density specified below for compacted embankments.

C. Where fills are made on hillsides or slopes, the slope of the original ground upon which the fill is to be placed shall be plowed or scarified deeply, or where the slope ratio of the original ground is steeper than 5 horizontal to 1 vertical, the bank shall be stepped or benched, when considered necessary by the Engineer, to permit placement of the fill in horizontal layers.

D. Placing, Spreading and Compacting Fill Materials:

1. The fill materials shall be placed in layers which, before compaction, shall not exceed 8 inches. Each layer shall be spread uniformly and evenly and shall be thoroughly blade mixed during the spreading to insure uniformity of materials in each layer.
2. After each layer has been placed, mixed and spread evenly, it shall be thoroughly compacted to not less than 95% of the maximum dry density as determined by ASTM D 1557.
3. The moisture content of the fill shall be as required in order to attain the degree of compaction specified.
4. Compaction shall be by approved multiple-wheel pneumatic tired rollers, vibratory rollers or other types of acceptable rollers.
5. The filling operation shall be continued as specified above until the fill has been brought to the subgrade shown on the plans.
6. The fill shall be constructed in such a manner that the surface will be sloped to drain at all times, and all fill shall be deposited to prevent excessive moisture accumulation from rainwater.
7. When the work is interrupted by rain, filling shall not be resumed until tests indicate that the moisture content and density of the top 6 inches of fill conform to the above specification requirements.

CLASSIFICATION OF SOILS

The soil descriptions on the boring profiles are in accordance with the criteria outlined below. The principal constituents are written in capital letters with other constituents preceded by descriptive terminology used to denote the percentages by weight of each component. The soil descriptions are based upon visual examinations except where laboratory gradation and Atterberg limits tests are available.

Descriptive Terms Denoting Component Proportions

Descriptive Terms	Range of Proportion
Trace	1 - 10%
Little	10 - 20%
Some	20 - 35%
And	35 - 50%

Component Definitions by Gradation

Soil Component		Sieve Limits	
		Upper	Lower
*GRAVEL/ ROCK FRAGS	Coarse	3 in.	1 in.
	Medium	1 in.	3/8 in.
	Fine	3/8 in.	No. 10 (2.0mm)
SAND	Coarse	No. 10 (2.0mm)	No. 30 (0.590mm)
	Medium	No. 30 (0.590mm)	No. 60 (0.250mm)
	Fine	No. 60 (0.250mm)	No. 200(0.074mm)
SILT, CLAY and COLLOIDS: (fines defined by degree of plasticity)		No. 200 (0.074mm)	

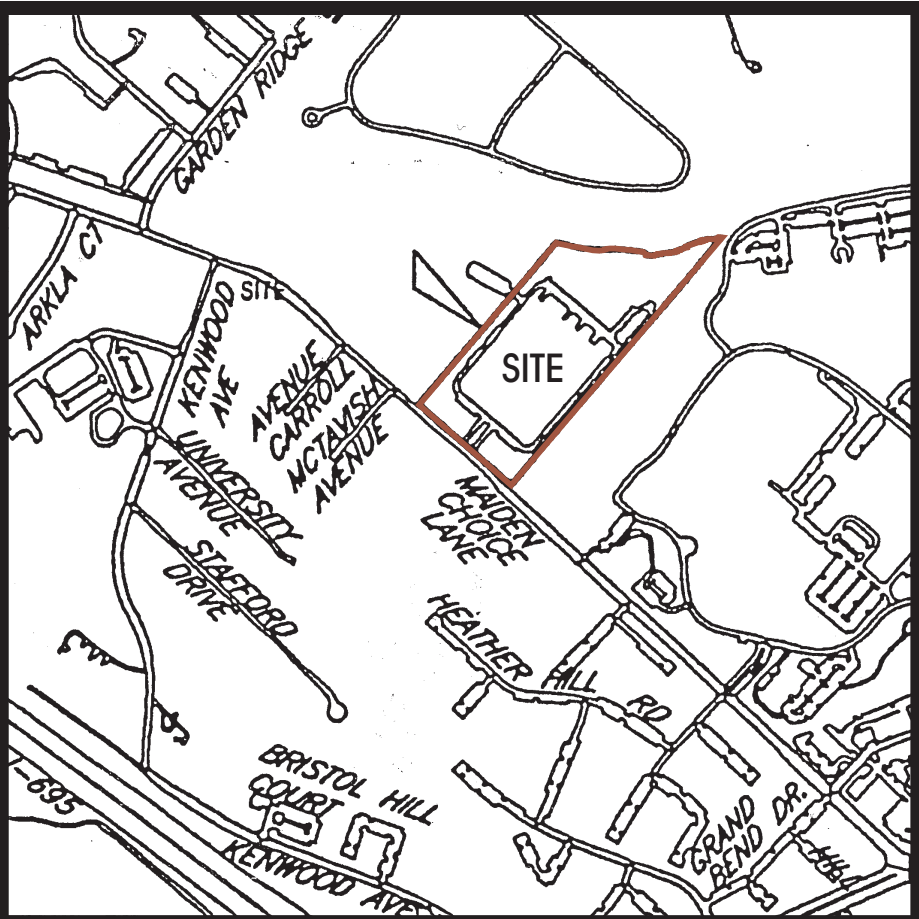
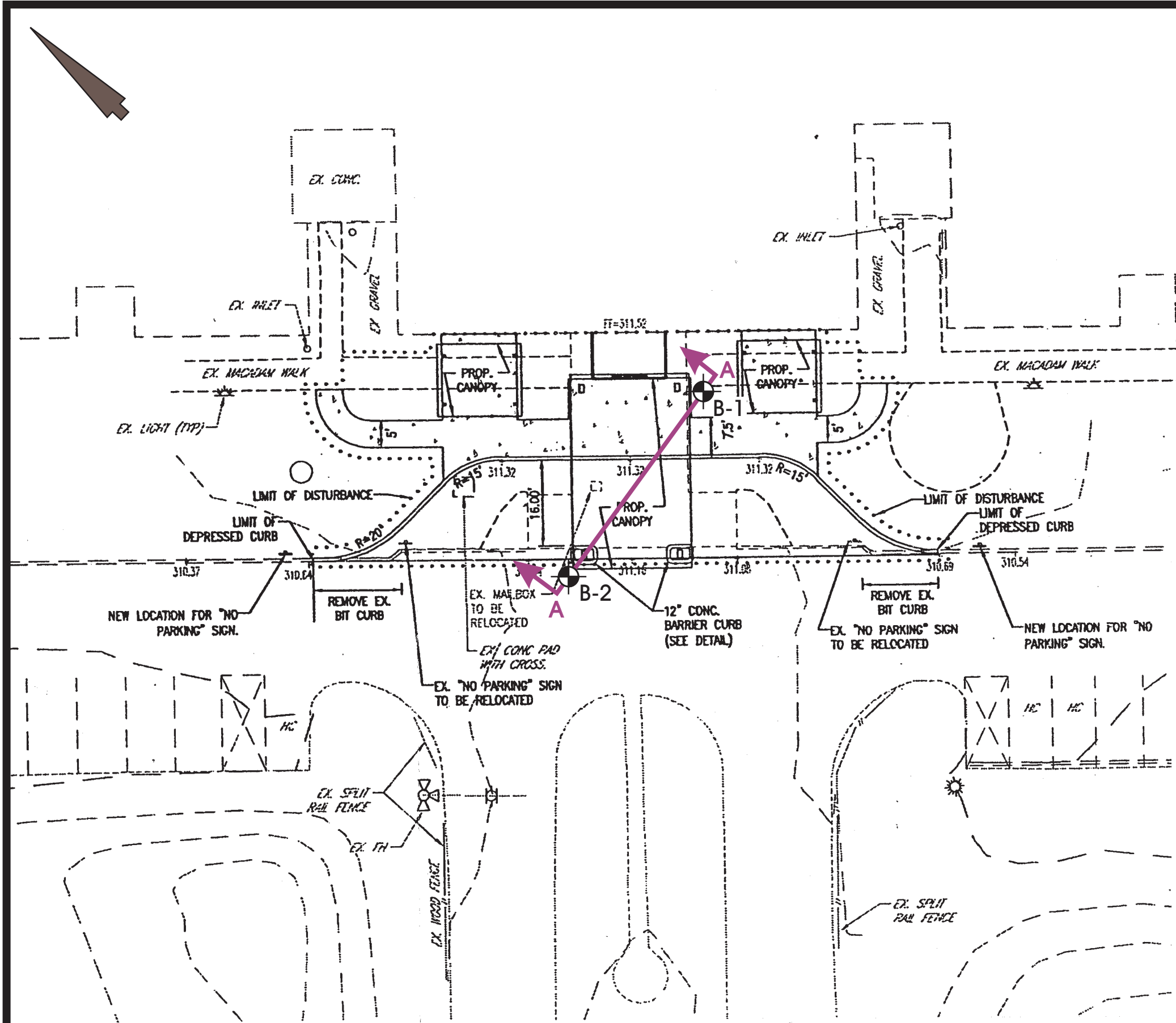
*This component is classified as "GRAVEL" in sedimentary soils and as "ROCK FRAGS" in residual soils.

Component Definitions by Degree of Plasticity

Descriptive Term	Degree of Plasticity	Plasticity Index Range
SILT	None	Non-plastic (NP)
Clayey SILT	Slight	1 - 5
SILT & CLAY	Low	5 - 10
CLAY & SILT	Medium	10 - 20
Silty CLAY	High	20 - 40
CLAY	Very High	Over 40

Gradation Terms of Granular Components

Gradation Designation	Symbol	Defining Proportions
coarse to fine	cf	All fractions greater than 10% of the component
coarse to medium	cm	Less than 10% fine
medium to fine	mf	Less than 10% coarse
coarse	c	Less than 10% medium and fine
medium	m	Less than 10% coarse and fine
fine	f	Less than 10% coarse and medium



VICINITY MAP

NOTES:

1. Borings B-1 and B-2 performed at the direction of the Geotechnical Engineer during May 2017.
2. Boring locations selected and staked in the field by a representative of the Geotechnical Engineer. Locations and elevations shown are approximate.
3. Boring Location Plan and elevations taken from a plan entitled, SITE PLAN TO ACCOMPANY BUILDING PERMIT, ST. MARTIN'S, 601 MAIDENS CHOICE LANE, by Richardson Engineering, LLC., dated 04-20-17.
4. Figures in columns on boring profiles represent the standard penetration resistance (N) in blows per foot as determined by the ASTM D1586 procedure using a 2" O.D. - 1 3/8" I.D. sampler.
5. Stratification on boring profiles estimated from driller's observations and recovered soil samples. Actual strata changes may vary from those shown and may be either abrupt or gradual.

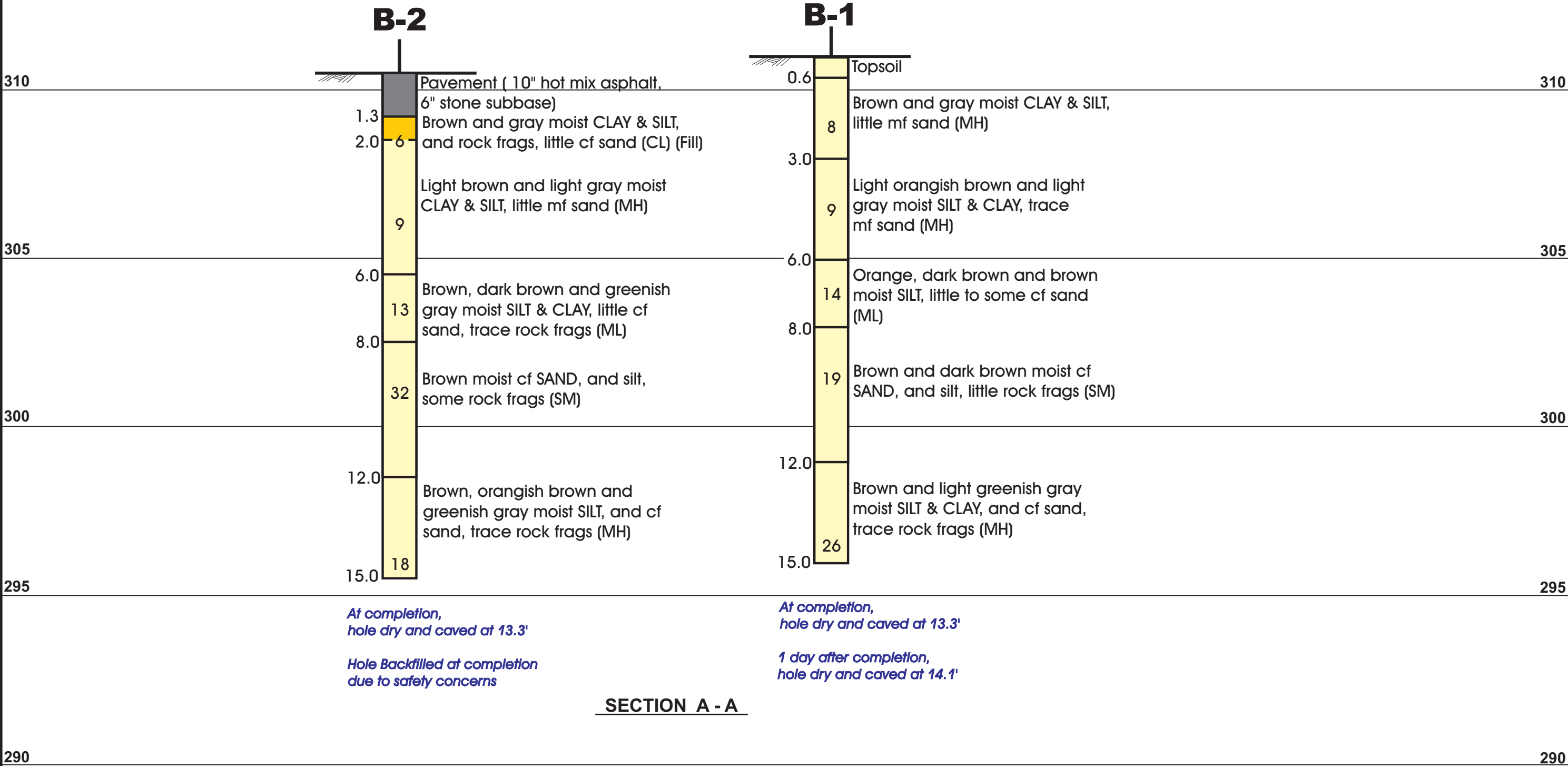
**ENTRANCEWAY CANOPY
ST. MARTIN'S HOME
BALTIMORE COUNTY, MARYLAND**

BORING LOCATION PLAN

HORIZ
SCALE 0 20
(FEET)

17030MD
MAY, 2017

PLATE
1



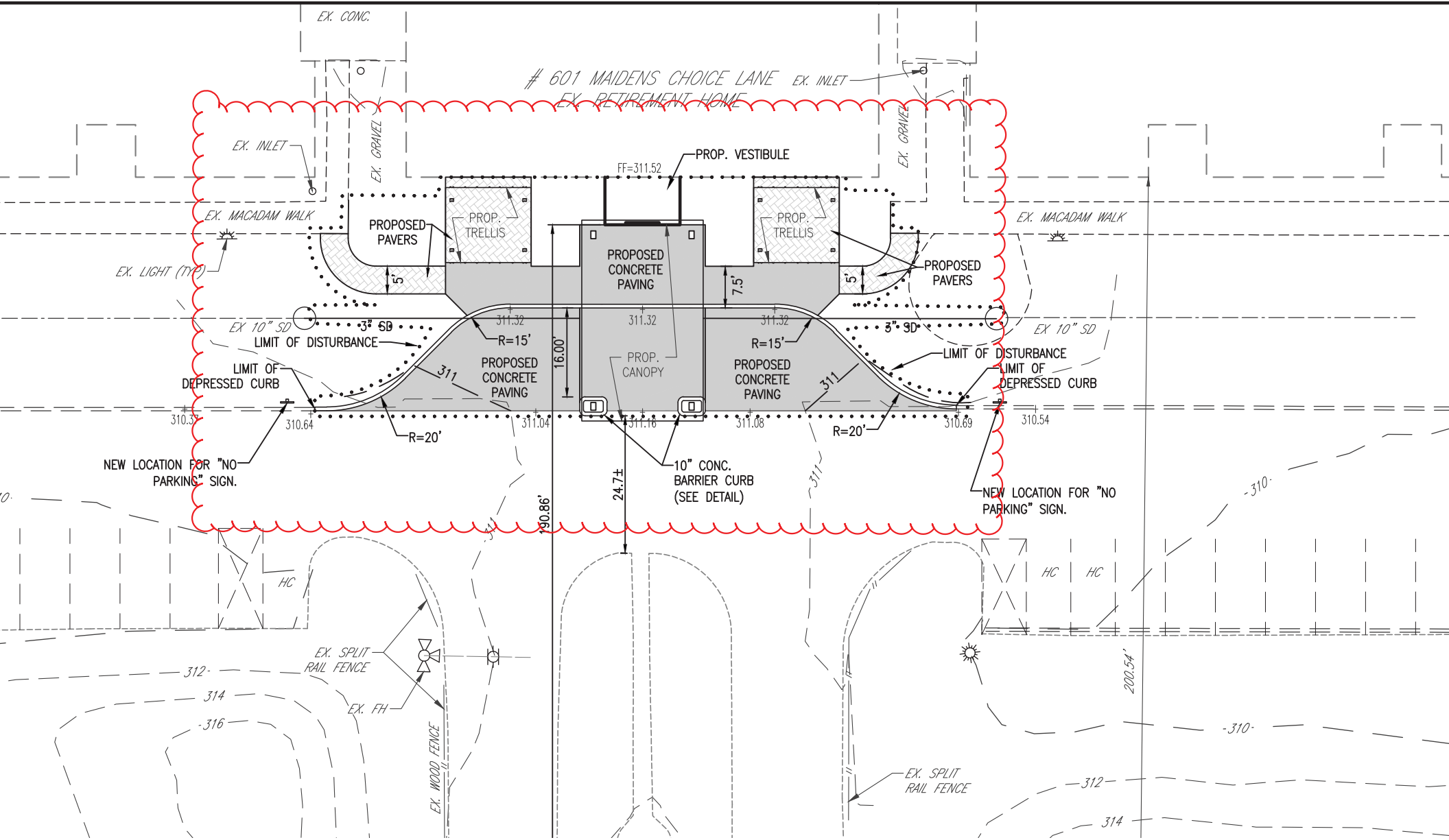
ENTRANCEWAY CANOPY
ST. MARTINS HOME
BALTIMORE COUNTY, MARYLAND

17030MD
MAY, 2017

BORING PROFILES

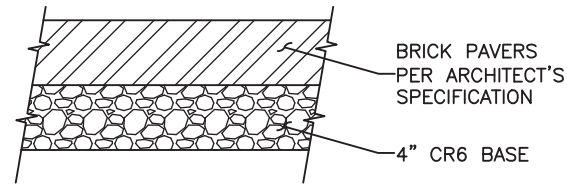
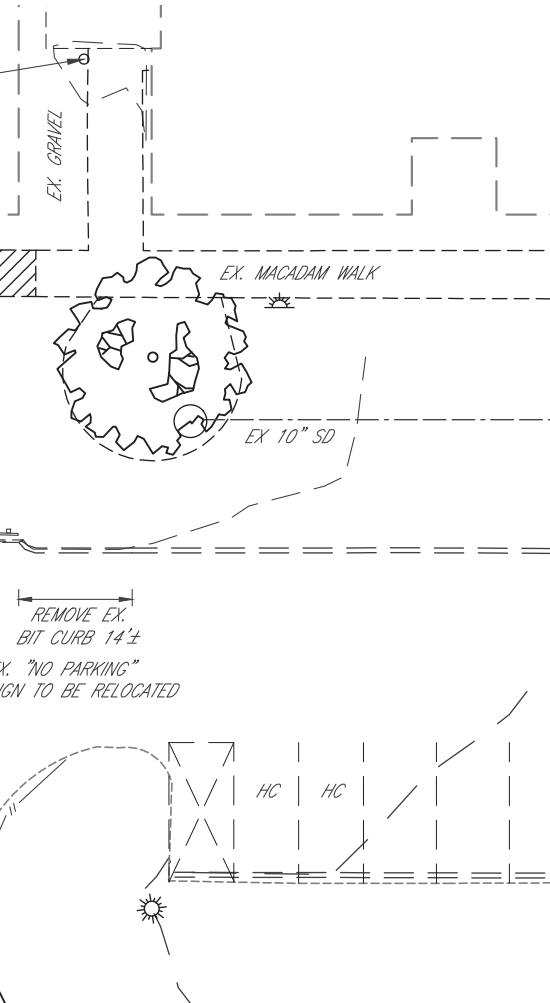
HORIZ SCALE 0 10
VERT SCALE 0 3

PLATE
2

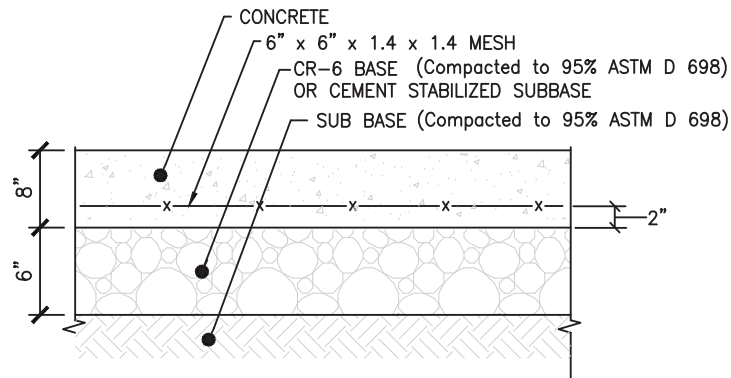
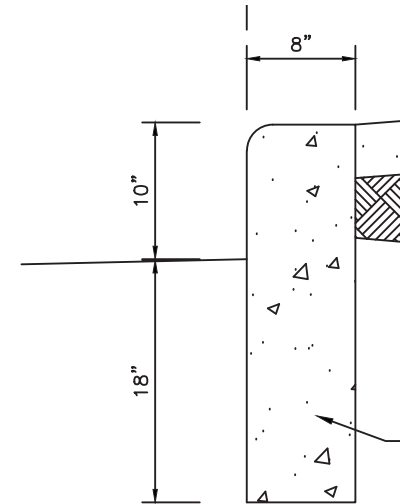


Little Sisters of the Poor : Canopy & Lobby

06-06-17



BRICK PAVING SECTION
NOT TO SCALE



SECTION
CONCRETE PAVING SECTION
NOT TO SCALE

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THE
APPROVED BY ME, AND THE
ENGINEER UNDER THE LAW
NUMBER 16597, EXPIRATION

FINISH SCHEDULE

ROOM #	ROOM NAME	FINISHES					CLG MATL	CLG HT	REMARKS
		FLOOR	BASE	WALL	WAINSCOT	CLG			
FIRST FLOOR									
L100	VESTIBULE	WOM (CPT4)	RB2	PT	-	PT	GYP	9'-0"	-
L101	LOBBY	RT	RB2	WC-2	-	PT	GYP	VARIES	-
L101A	CORRIDOR	RT	RB2	WC-2	-	-	APC1	9'-0"	-
L101B	CORRIDOR	RT	RB2	WC-2	-	-	APC1	9'-0"	-
L102	RECEPTION	CPT3	VB	PT	-	-	APC2	9'-0"	SEE PLAN FOR ACCENT WALL
L103	OFFICE #1	CPT3	VB	PT	-	-	APC2	9'-0"	SEE PLAN FOR ACCENT WALL
L104	FIRE ALARM	SV	VB	PT	-	-	APC4	9'-0"	
L105	MEETING ROOM	CPT3	RB1	WC2	WC1	-	APC1	9'-0"	CHAIR RAIL MOLDING
L105A	TOILET	CT	CT	WC3	CT	-	APC3	9'-0"	APPLY FILM TO WINDOW GLAZING
L106	UPS ROOM	RT	VB	PT	-	-	APC4	9'-0"	-
L107	WAITING	CPT1 & CPT2	RB1	WC2	WC1	PT	GYP	VARIES	CHAIR RAIL MOLDING, CARPET BORDER
L108	GIFT SHOP	CPT3	VB	PT	-	-	APC2	9'-0"	SEE PLAN FOR ACCENT WALL
L109	ADA TOILET	CT	CT	WC3	CT	-	APC3	9'-0"	-
L110	STORAGE	SV	VB	PT	-	-	APC4	9'-0"	
L111	JC	SV	VB	PT	-	-	APC4	9'-0"	
L112	ELECTRIC	SV	VB	PT	-	-	APC4	9'-0"	
L113	OFFICE #2	CPT3	VB	PT	-	-	APC2	9'-0"	SEE PLAN FOR ACCENT WALL
L114	OFFICE #3	CPT3	VB	PT	-	-	APC2	9'-0"	SEE PLAN FOR ACCENT WALL

FINISH SCHEDULE LEGEND

APC - ACOUSTICAL PANEL CEILING
CG - CORNER GUARD
CPT - CARPET/ CARPET TILE
GYP - GYPSUM BOARD
PT - PAINT
RB - RUBBER BASE

RT - RESILIENT TERRAZZO TILE
SV - SHEET VINYL
SWB - SIMULATED WOOD BASE
VB - VINYL BASE
WC - VINYL WALLCOVERING
WOM - WALK-OFF MAT

FINISH NOTES

1. REFER TO SPECIFICATION 099999 SECTION FOR INTERIOR FINISHES LEGEND.
2. ALL WALLS SHALL BE PAINTED PT-2 UNLESS OTHERWISE NOTED ON FINISH PLAN OR SCHEDULE
3. INSTALL FLOOR TRANSITIONS WHERE CARPET ABUTS LVT OR TERRAZZO TILE ,
TANDUS CENTIVA METAEDGE PVC TRANSITION MOLDINGS.

Gaudreau, Inc.
ARCHITECTS | PLANNERS

810 Light Street | Baltimore | Maryland 21230
410 . 837 . 5040 | www.gaudreauinc.com

Consultant:

FINISH SCHEDULE

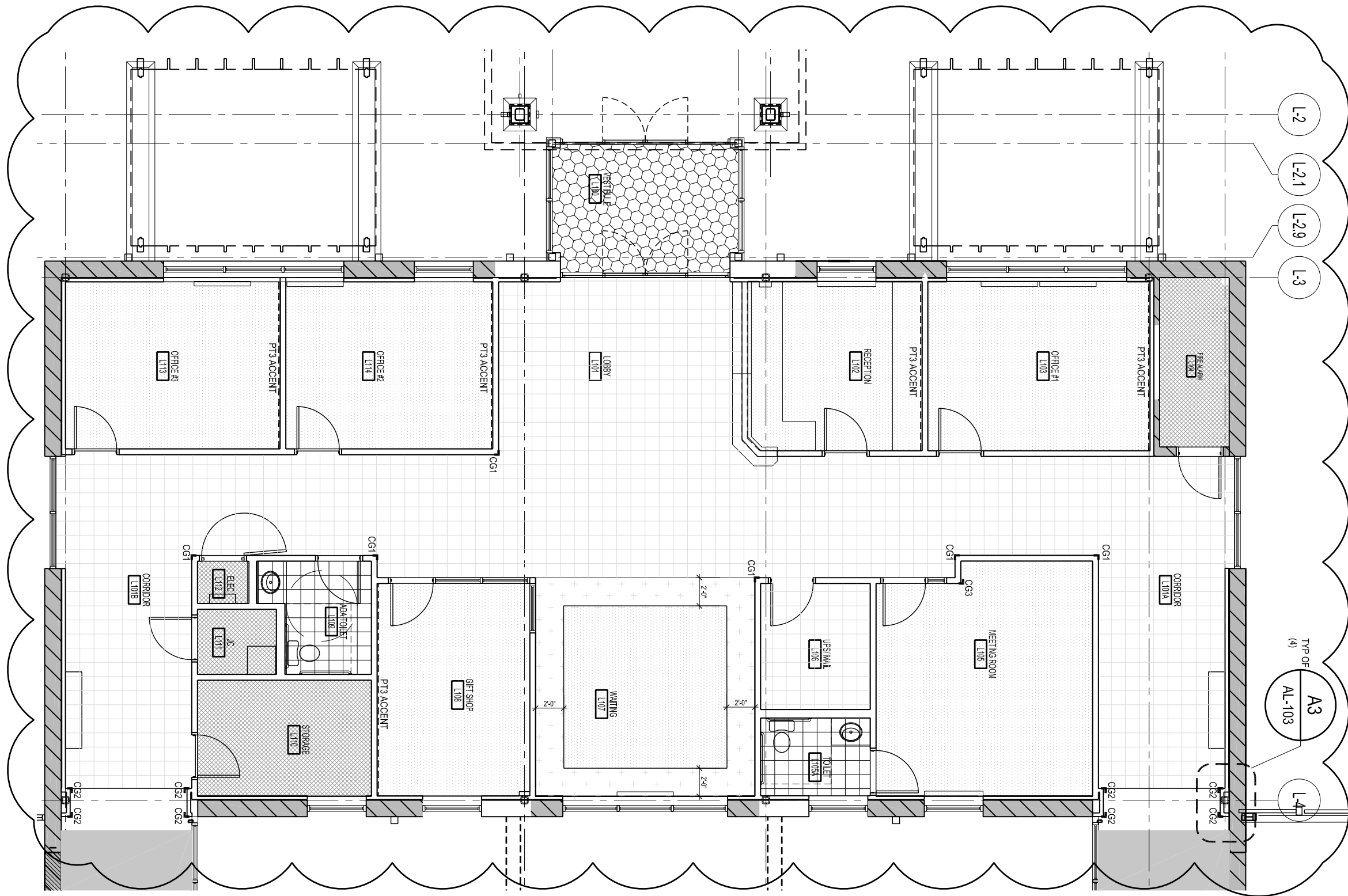
St. Martin's Home - Little Sisters of the Poor
Lobby/ Canopy

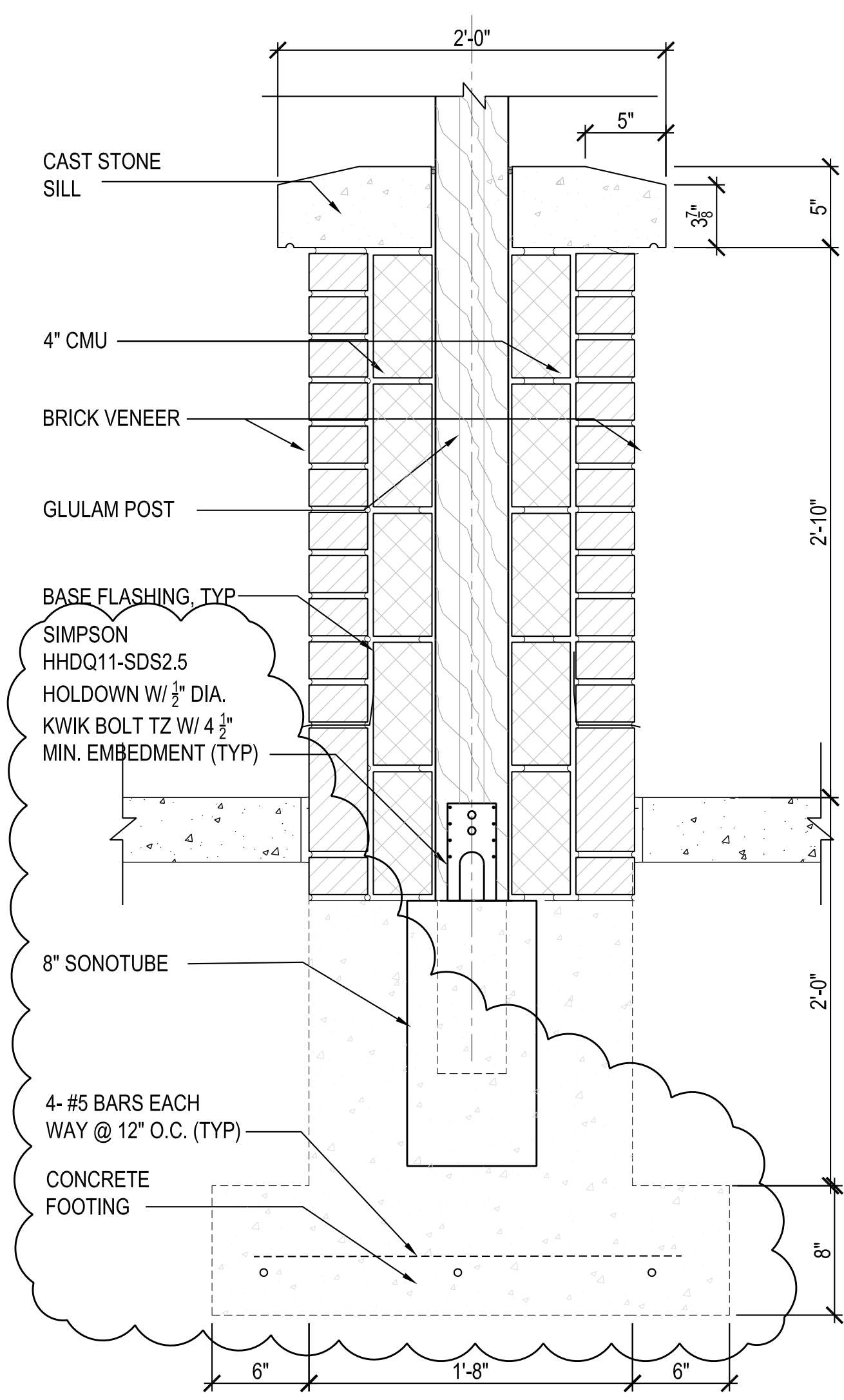
PN:
17000.00

DATE:
06-06-17

Reference Dwg: AL-103

DWG. NO.
A-SK-103-01



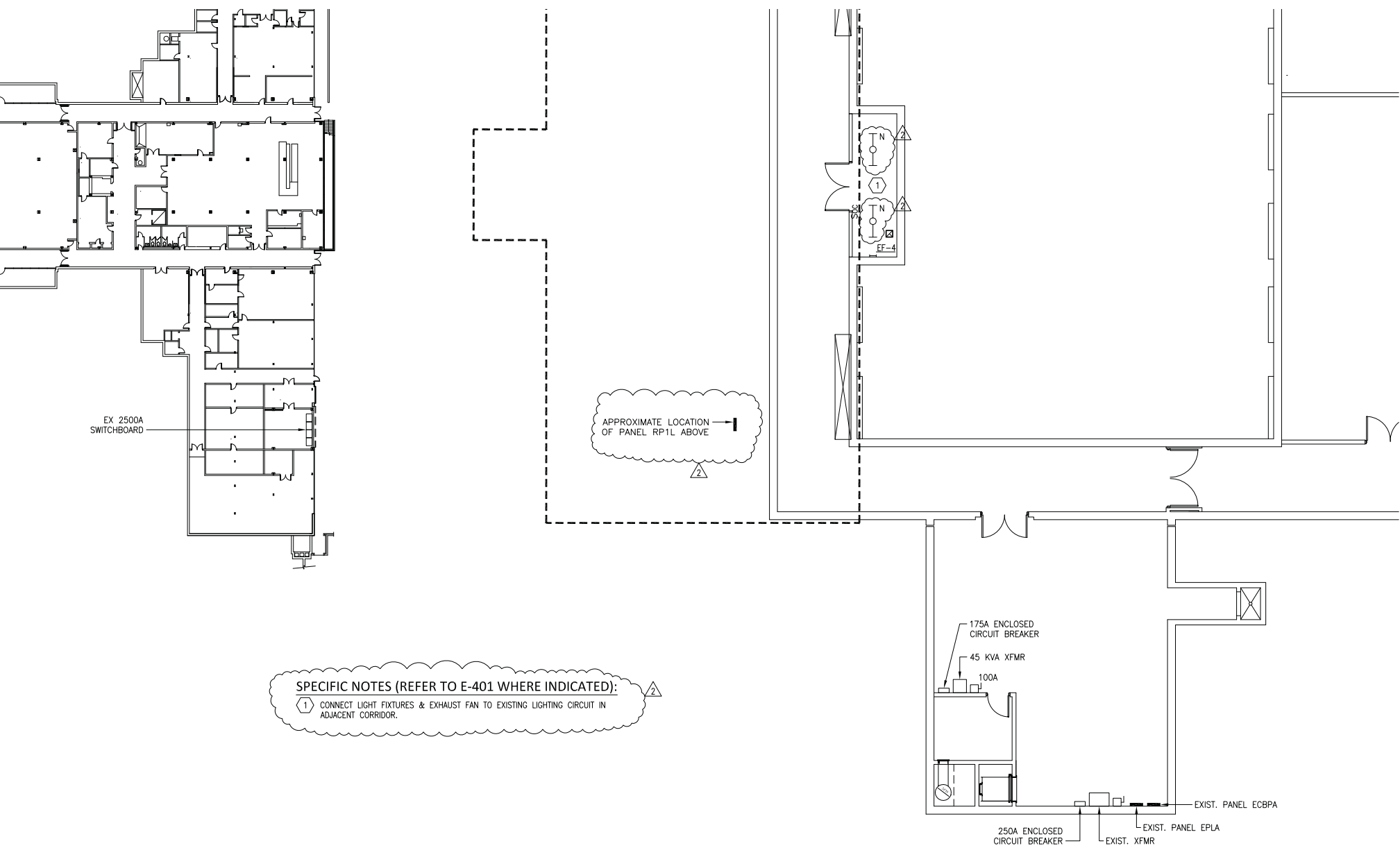


A3

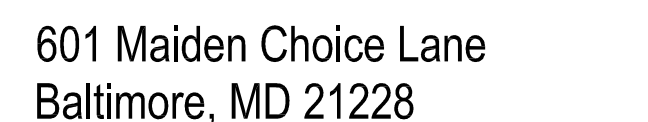
PERGOLA DETAIL

3/8" = 1'-0"

<div>Gaudreau, Inc.</div> <div>ARCHITECTS PLANNERS</div> <div>810 Light Street Baltimore Maryland 21230 410 . 837 . 5040 www.gaudreauinc.com</div>	PERGOLA DETAIL		PN: 17000.00	DATE: 06-06-17
	St. Martin's Home - Little Sisters of the Poor Lobby/ Canopy	Reference Dwg: AL-104		
		DWG. NO. A-SK-104-01		
Consultant:				



BASEMENT PART PLAN - POWER
SCALE: 1/8" = 1'-0"



Skarda And Associates, Inc.
2439 North Charles Street, Baltimore, MD 21218
410.366.9384



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: 03/04/2019

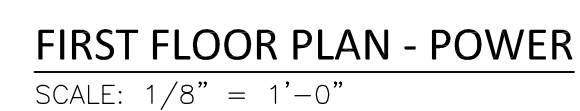
Number	Description	Date
-	Permit Set	04.21.2013
-	Bid Set	05.01.2013
1	Addendum #1	05.26.2013
2	Addendum #2	06.07.2013

Project Number: 17000.0

E-101



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



1. APPROVED EQUALS MUST MEET ALL SPECIFIED DESIGN CRITERIA AND BE COMPATIBLE WITH ALL OTHER LIGHTING DEVICES.
2. COORDINATE LIGHTING FIXTURE MOUNTING BRACKETS AND REQUIREMENTS WITH WALL/ CEILING TYPES INDICATED ON ARCHITECTURAL DRAWINGS.
3. COORDINATE QUANTITY OF POWER PACKS, ROOM CONTROLLERS, ETC. TO OBTAIN LIGHTING CONTROLS DESIGN WITH MANUFACTURER.
4. PROVIDE DIMMING BALLAST(S)/ LED DRIVERS WHERE DIMMING CONTROL ARE INDICATED ON FLOOR PLANS. DIMMING BALLASTS/ LED DRIVERS SHALL BE DIM LIGHTS DOWN TO 10%, 10% HARMONIC DISTORTION, AND BE COMPATIBLE WITH DIMMING CONTROLS.
5. WIRING DIAGRAMS AS PROVIDED BY MANUFACTURER UNLESS OTHERWISE NOTED.
6. SUBSCRIPT "x" INDICATES WHAT FIXTURES THE DEVICE IN CONTROLLING. SUBSCRIPTS ARE OMITTED WHEN IN AREAS WHERE THE CONTROL INTENT MAY BE AMBIGUOUS.
7. PROVIDE UL LISTED EMERGENCY RELAY FOR ALL EMERGENCY LIGHT FIXTURES TO COMPLY WITH LIFE SAFETY REQUIREMENTS. DEVICES ARE NOT SHOWN ON PLAN, BUT CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN ADEQUATE NUMBER OF RELAYS TO COMPLY WITH LIFE SAFETY REQUIREMENTS, AND PROVIDE FUNCTIONAL CONTROL.
8. THIS IS A STANDARD SCHEDULE. SOME DEVICES MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.

1. 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.
2. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONTRACT THE SERVICES OF ALARM TECH SYSTEMS, LLC (301-932-1775) TO PROVIDE THE EXISTING ALARM SYSTEM, DESIGN NEW DEVICE LAYOUT TO ACCOMMODATE SCOPE OF WORK, PREPARE PERMIT AND SHOP DRAWINGS FOR A FULL FUNCTIONAL AND CODE COMPLIANT FIRE ALARM SYSTEM. THE PERSON(S) CONTRACTED TO COMPLETE SAID DESIGN SHALL MEET THE FOLLOWING REQUIREMENTS: TRAINED AND CERTIFIED BY THE MANUFACTURER USED IN THE FIRE-ALARM SYSTEM DESIGN; NICET CERTIFIED FIRE ALARM TECHNICIAN, LEVEL III MINIMUM; LICENSED OR CERTIFIED BY AUTHORITIES HAVING JURISDICTION; CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY OF CONTRACTING SAID SERVICES, AND THE ENGINEER WILL REVIEW THE FULL SHOP DRAWINGS ONCE PREPARED.
3. FIRE ALARM ANNUNCIATING DEVICES SHALL BE CEILING MOUNTED TO MATCH THE BUILDING STANDARD.
4. EMERGENCY AND EXIT SIGNS SHALL BE CONNECTED TO EXISTING EMERGENCY LIGHTING CIRCUIT IN THIS AREA.
5. FOR TEL/DATA OUTLETS SHOWN, PROVIDE DATA HOME-RUN BACK TO PATCH PANEL IN TEL/DATA ROOM 1112. WIRE TYPE SHALL MATCH BUILDING STANDARD. PROVIDE TELEPHONE HOME-RUN BACK TO BOARD IN TEL/DATA ROOM 1112. TELEPHONE WIRING MAY BE HOME-RUN TO THE BOARD IN THE LOCATED WITHIN THE SAME ROOM. WIRE TYPE SHALL MATCH BUILDING STANDARD.

- 1 SEE SWITCHBACK DETAIL "A" ON THIS SHEET
- 2 RELOCATED EXISTING FAAP (RECESSED). EXTEND EXISTING WIRING TO NEW LOCATION.
- 3 EXISTING POWER & LIGHTING TO REMAIN IN THIS ROOM.
- 4 ELECTRICAL CONNECTION FOR DOOR OPENER. COORDINATE FINAL CONNECTION WITH MANUFACTURER'S REQUIREMENTS.
- 5 JUNCTION BOX FOR AUTO DOOR OPENER. PROVIDE 1" TO DOOR OPENERS.
- 6 PROVIDE 1" TO RECEPTION DESK FOR SWITCH, COORDINATE SWITCH LOCATION WITH ARCHITECT.
- 7 QUAD RECEPTACLES FOR SECURITY, PAGING & ETC. COORDINATE LOCATION OF EQUIPMENT WITH OWNER.
- 8 SERVER RACK AND PATCH PANEL - MANUFACTURER AND MODEL SHALL MATCH THOSE USED IN REST OF FACILITY. PROVIDE HOME RUN TO MAIN HUB ROOM. PROVIDE RECEPTACLE CONNECTED TO EMERGENCY PANEL SERING NETWORK SYSTEM.
- 9 CONNECT NEW EXTERIOR LIGHT FIXTURES TO EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROL.
- 10 CONNECT LIGHTING UNDER CANOPY TO EXISTING EXTERIOR LIGHTING CONTROL.
- 11 FOR PANIC BUTTON. PROVIDE 1" TO ACCESSIBLE CEILING SPACE. COORDINATE EXACT LOCATION WITH OWNER.
- 12 FOR INTERCOM. PROVIDE 1" FROM VESTIBULE TO RECEPTION. COORDINATE EXACT LOCATION WITH OWNER.

EQUIPMENT CONNECTION SCHEDULE									
DESIG.	LOAD	UNIT	VOLTS	PHASE	DISC. SW.			CIRCUIT	NOTES
					POLE	FRAME	FUSE		
EF-1	128	W	120	1	-	-	-	R-7	1
EF-2	128	W	120	1	-	-	-	R-7	1
EF-3	21	W	120	1	-	-	-	R-7	1
EF-4	67	W	120	1	-	-	-	-	3
FCU-1-1	6.7A	A	208	1	-	-	-	R-9,11	1
FCU-1-2	6.7A	A	208	1	-	-	-	R-13,15	1
FCU-1-3	6.7A	A	208	1	-	-	-	R-17,19	1
FCU-1-4	6.7A	A	208	1	-	-	-	R-21,23	1
UH-1	0.3	MCA	120	1	-	-	-	R-25	1
SPRINKLER COMPRESSOR	5	HPC	208	3	3	30	30	R-20,22,24	4

NOTES:

1. PROVIDE MANUAL MOTOR STARTER.
2. DISCONNECT PROVIDED WITH UNIT.
3. CONNECT TO EXISTING LIGHTING CIRCUIT IN ADJACENT CORRIDOR.
4. DISCONNECTS SHALL BE IN A NEMA 3R ENCLOSURE.

