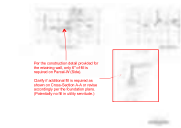
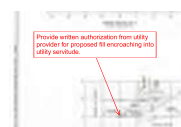
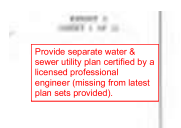
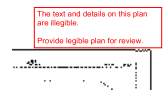


Revised Plan Set 11.24.25 Village of Eden Oaks (MPN# 2025-3249)

Markup Summary.pdf Markup Summary

Section Views (2)		
	Page Label: Section Views Subject: Engineering Comment Color: ■ Author: Chris A. Cloutet Length: 0 Page Index: 7 Lock: Unlocked Date: 11/25/2025 11:43:46 AM Capture: No	Per the construction detail provided for the retaining wall, only 6" of fill is required on Parcel-W (Side). Clarify if additional fill is required as shown on Cross-Section A-A or revise accordingly per the foundation plans. (Potentially no fill in utility servitude.)
	Page Label: Section Views Subject: Engineering Comment Color: ■ Author: Chad S. Hoselle Length: 0 Page Index: 7 Lock: Unlocked Date: 11/25/2025 2:04:44 PM Capture: No	Provide written authorization from utility provider for proposed fill encroaching into utility servitude.
Plan for Section Views (3)		
	Page Label: Plan for Section Views Subject: Engineering Comment Color: ■ Author: Chad S. Hoselle Length: 0 Page Index: 6 Lock: Unlocked Date: 11/25/2025 2:04:44 PM Capture: No	There is a landscape island her per the landscape plan. Revise to have all site plan layouts match.
	Page Label: Plan for Section Views Subject: Engineering Comment Color: ■ Author: Chad S. Hoselle Length: 0 Page Index: 6 Lock: Unlocked Date: 11/25/2025 2:04:44 PM Capture: No	This area does not match with the landscape plan or civil plan by Kelly McHugh. Revise to have all site plan layouts match.
	Page Label: Plan for Section Views Subject: Engineering Comment Color: ■ Author: Chad S. Hoselle Length: 0 Page Index: 6 Lock: Unlocked Date: 11/25/2025 2:04:44 PM Capture: No	Provide separate water & sewer utility plan certified by a licensed professional engineer (missing from latest plan sets provided).

Drainage & Grading Plan (1)



Page Label: Drainage & Grading Plan
Subject: Engineering Comment
Color: ■
Author: Chad S. Hoselle
Length: 0
Page Index: 8
Lock: Unlocked
Date: 11/25/2025 2:04:44 PM
Capture: No

The text and details on this plan are illegible.

Provide legible plan for review.

BUILDING B SHELL
INTERSECTION OF MARINA DRIVE, LANDMARK DRIVE & OAK HARBOR BOULEVARD
PARCEL 14-1 OAK HARBOR
SECTION 27 & 34, T-9-S R-14-E
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH
THIS PROJECT IS NOT FOR OCCUPANCY

**Commercial Plans
RECEIVED
11/24/2025
DEPARTMENT OF
ENGINEERING**

**ENGINEERING
REVIEW COPY**

 Carlton B. Parker, AIA
A R C H I T E C T

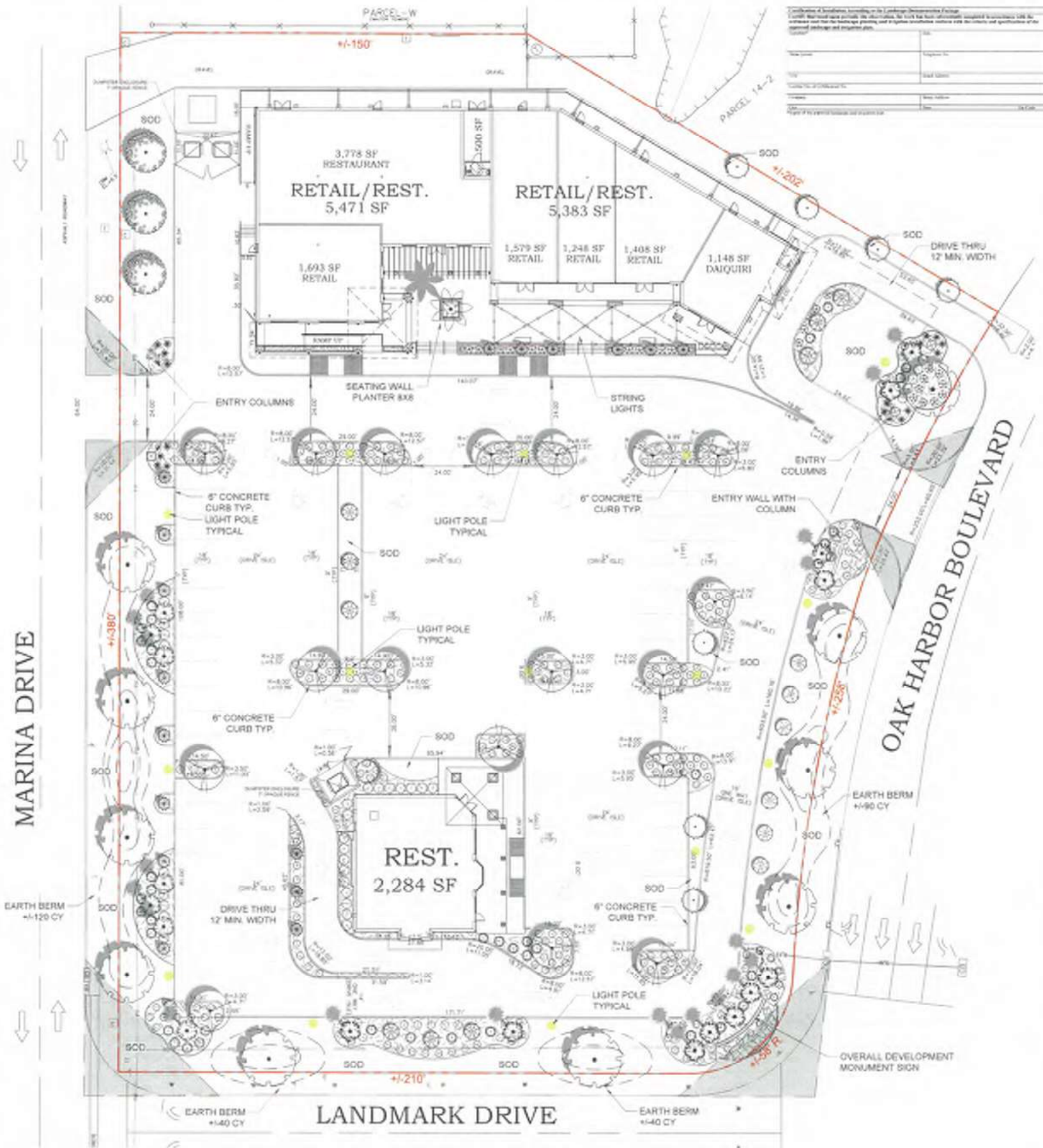
[illegible]

PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SUDELL, LOUISIANA 70458
ST. TAMMANY PARISH

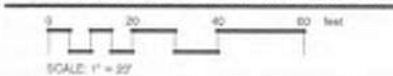


FILE # 100-443887
DATE JUNE 21, 1964
PAGE 1
A0.0
TITLE SHEET

MARINA DRIVE

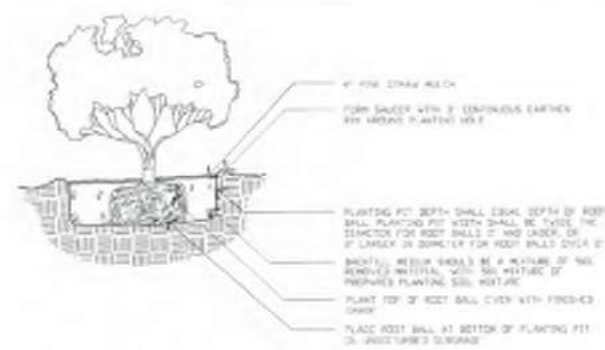


LANDSCAPE PLANTING PLAN



IF DRAWING IS NOT 24" X 36" SCALE ACCORDINGLY

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	REMARKS
CLASS A						
MG	1	1	Magnolia virginiana 'Green Mtn' / Green Mtn Sweetbay Magnolia	Galton or B&B	2.5" Cal.	10 - 12 Ht.
OV	12	1	Quercus virginiana / Southern Live Oak	Galton or B&B	4" Cal.	12 to 14 Ht.
UL	17	1	Ulmus parvifolia 'SPYER' / European Landshark Elm	Galton or B&B	2.5" Cal.	10 - 12 Ht.
CLASS B						
E	8	1	Rosa 'altissima' 'Eglington' / Eglington Rose	Galton or B&B	1.5" Cal.	8-10 Ht.
JB	11	1	Juncus virginiana 'Shirley' / Shirley Juncus	Galton or B&B	1.5" Cal. Standard Form	8-10 Ht.
JB	12	1	Juncus virginiana 'Taylor' / Taylor Juncus	Galton or B&B	1.5" Cal. Standard Form	8-10 Ht.
PALM						
1	1	1	Phoenix roebelenii 'Medusa' / Medusa Date Palm	B&B	8' O.C.	Specimen
20	1	1	Salicoid palmella / Cabbage Palmetto	B&B	8' O.C.	Specimen
SHRUBS						
AG	22	1	Asparagus verticillatus / Asparagus Fern	B&B	1-1/2' Ht.	
OV	38	1	Quercus virginiana / Southern Live Oak	B&B	1-1/2' Ht.	
JB	39	1	Juncus virginiana 'Shirley' / Shirley Juncus	B&B	1-1/2' Ht.	
JB	40	1	Juncus virginiana 'Taylor' / Taylor Juncus	B&B	1-1/2' Ht.	
MC	36	1	Muhlenbergia capensis / Pink Muhlenbergia	B&B	1-1/2' Ht.	
PA	40	1	Phoradendron virginicum / Florida Yellow Waxhatch	B&B	1-1/2' Ht.	
JB	23	1	Rosa 'Walter' / Pink Obedient Rose	B&B	1-1/2' Ht.	
GROUND COVERS						
SC	22,890	1	Scorpiocarpus edmonstonei / Carpetgrass	Specimen or Min. Rate	Class A	
GA	418	1	Groundcover - Annual to be Selected	10' x 10'		12' x 12'



1 SHRUB PLANTING DETAIL
N.T.S.



2 TREE PLANTING DETAIL
N.T.S.

FINISH: SEE LAYOUT FOR FINISHES. SEE LAYOUT FOR FINISHES. SEE LAYOUT FOR FINISHES.

ALPHONSE BARCIA III
LANDSCAPE ARCHITECT LLC.

562 CLAYTON COURT
SLIDELL, LOUISIANA 70461
BARCIADESIGNS@GMAIL.COM
(504) 965-1429

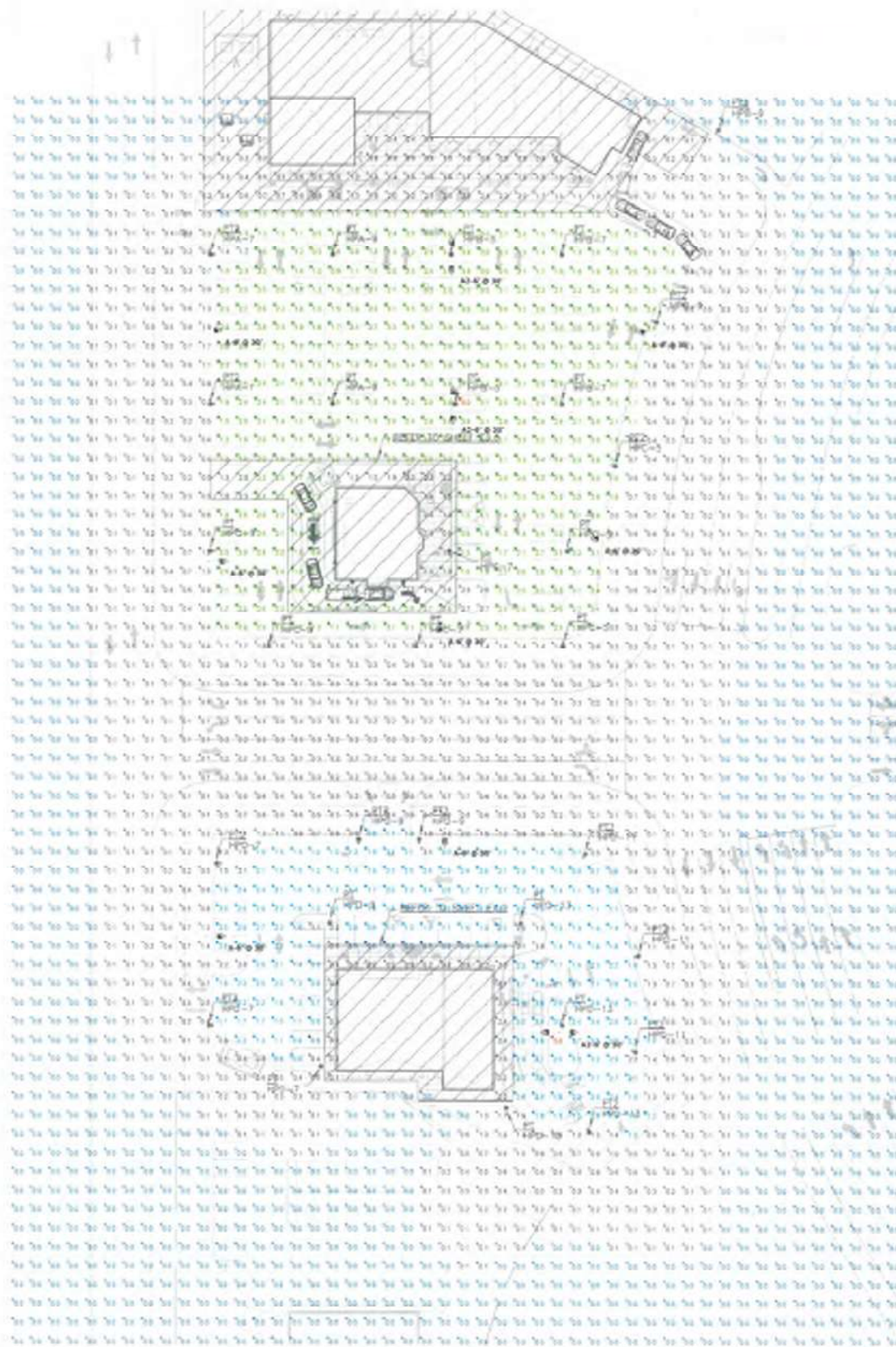
11-21-2025

THIS DRAWING IS AN INSTRUMENT OF SERVICE, AND THE PROPERTY OF THE ARCHITECT AND MAY BE USED ONLY ON THE PROJECT NAMED HEREIN. THIS DRAWING SHALL NOT BE REPRODUCED, COPIED OR USED IN WHOLE OR PART WITHOUT WRITTEN PERMISSION OF THE ARCHITECT. ANY USE IS A VIOLATION OF FEDERAL AND STATE COPYRIGHT STATUTES.

Village of Eden Oaks
Oak Harbor Blvd.
St. Tammany Parish - Slidell, LA.

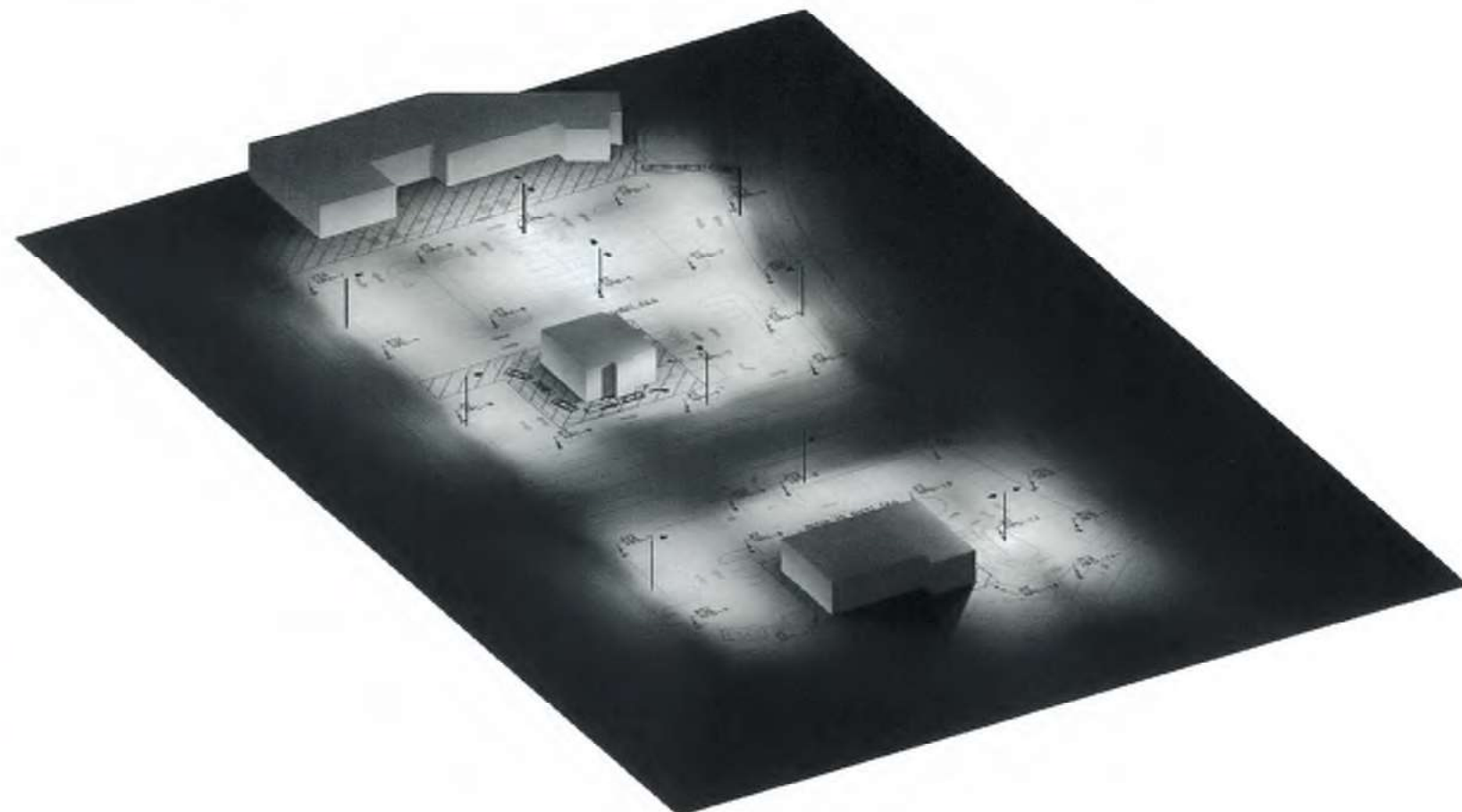
Sheet Title: Landscape Plan

JOB No.:
SCALE: AS SHOWN
DRAWN BY: AB3
CHECKED BY: AB3
SHEET:
LS-1
REV:
DATE: NOVEMBER 21ST 2025



Plan View

Scale - 1" = 40ft



GENERAL NOTES - EXTERIORS

1. Readings shown are based on a total LLF of 0.91 as indicated in the luminaire schedule at 0.0' (0.0m) AFG (at grade). Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs. of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).
2. Please refer to the fixture labels for product type and mounting heights.
3. Product information can be obtained at <https://www.acuitybrands.com/> or through your local agency.
4. Grid spacing is 10' x 10' on center.
5. Note: pole and wall pack locations are based on provided plans or approximations using Google Earth.
6. Calculations do not account for topography and possible obstructions such as old growth trees or other foliage. Actual lighting readings may vary.

Statistics

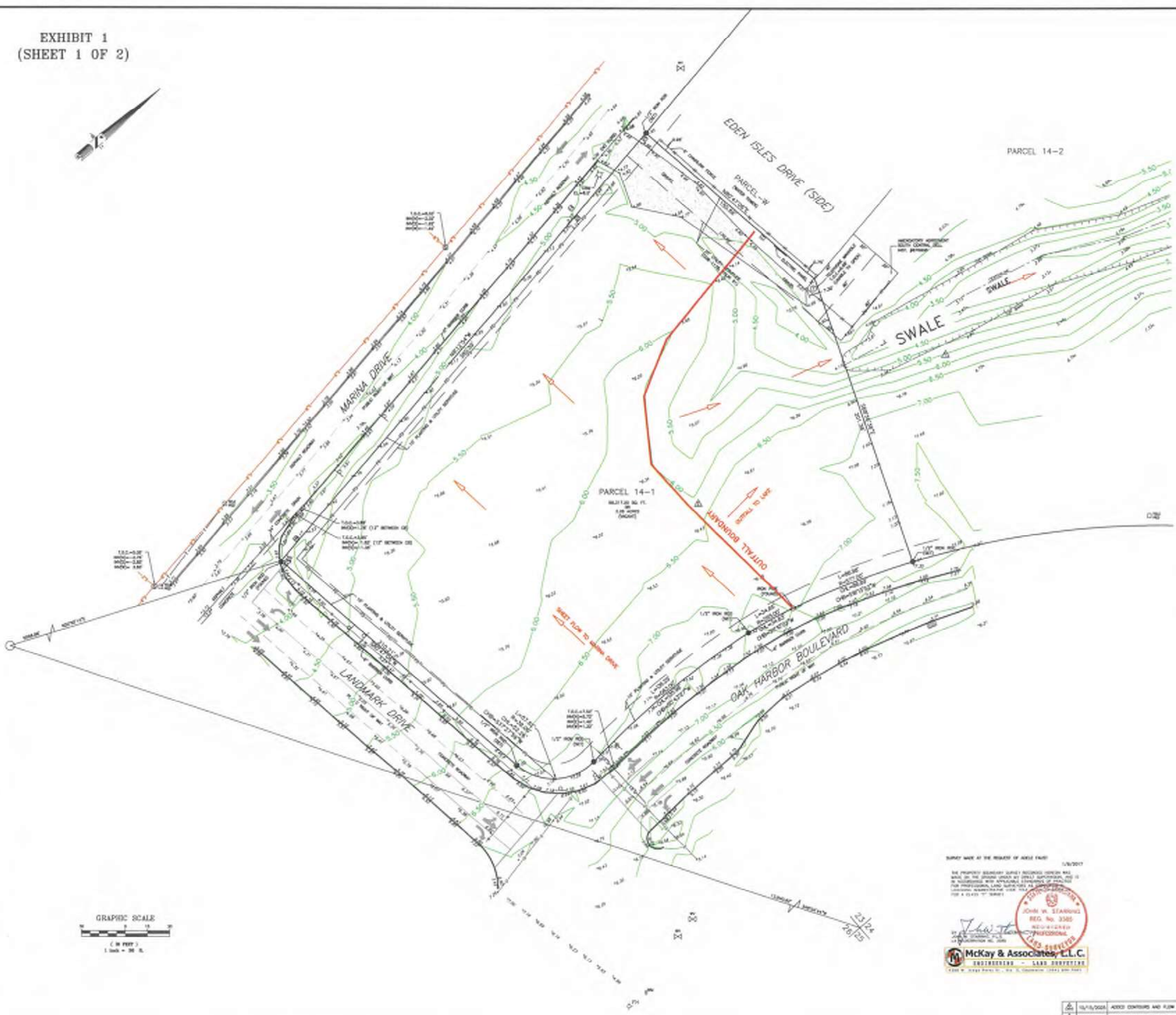
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BASEGRID	+	0.7 fc	4.0 fc	0.0 fc	N/A	N/A
PARKING LOT 1	X	2.4 fc	4.0 fc	0.6 fc	6.7:1	4.0:1
PARKING LOT 2	■	1.9 fc	3.8 fc	0.5 fc	7.6:1	3.8:1

Schedule										
Symbol	Label	QTY	Manufacturer	Catalog	Description	Filename	Lamp Output	LLF	Input Power	Distribution
⊕	A-6'	7	American Electric Lighting	ATB0 P304 R3 4K	Autobahn Small P304 Package Roadway Type III 4000K/5000K (6FT ARM LENGTH)	ATB0_P304_R3_4K.ies	18229	0.91	124	TYPE III, SHORT, BUG RATING: B3 - U0 - G3
⊕	A2-6'	3	American Electric Lighting	ATB0 P304 R3 4K	Autobahn Small P304 Package Roadway Type III 4000K/5000K (6FT ARM LENGTH)	ATB0_P304_R3_4K.ies	18229	0.91	248	TYPE III, SHORT, BUG RATING: B3 - U0 - G3

DISCLAIMER 2025

This application design is not a professional engineering drawing, and the design, including reported data and calculated results, is provided for informational purposes only, without any warranty as to accuracy, completeness, safety or otherwise. The design is the result of calculations made using Visual lighting application software, photometric/radiometric data measured in a laboratory, and certain computational and modeling assumptions. Far-field photometric/radiometric data may have been used to perform one or more calculations. Photometric/radiometric data is typically collected under far-field measurement conditions; far-field data is not generally representative of near-field geometric conditions. When using far-field photometric/radiometric data, the Visual software applies certain generalizing assumptions to approximate near-field performance. These approximations may result in significant inaccuracies in individual calculated luminous and/or radiant power quantities in areas where a source is in close proximity to a particular surface or point. The modeling of radiant flux exchange used in the Visual software requires a uniform exitance across each reflecting surface. The Visual software approximates the uniform surface exitance condition by adaptively subdividing surfaces with non-uniform exitances into sub-surfaces with sufficiently uniform exitance gradients. Practical restrictions, due to computer hardware limitations, may prevent the subdivision procedure from subdividing surfaces with high exitance gradients into sub-surfaces with sufficiently uniform exitance gradients, introducing potential discretization error into calculated values. Calculations performed by the Visual software assume that all reflected flux is reflected in a perfectly diffuse (Lambertian) and spectrally uniform manner across the spectral range being analyzed. If actual reflectance characteristics differ from these assumptions, observed luminous and/or radiant power quantities may differ from predicted quantities. As a result of the computational limitations and simplifying modeling assumptions described above, and/or variations in actual product performance from tested product samples, the accuracy of calculated output values identifying expected radiometric quantities and any resulting derived radiance dose calculations may be adversely affected. In addition, the accuracy of the application design may be adversely affected if information about the physical space provided to Acuity Brands Lighting is incomplete, inaccurate, outdated or not in the required format (including but not limited to floor plans, space layout, reflected ceiling plans, physical structures, electrical design or specifications), if incorrect assumptions are made because of such deficiencies in the information provided, or if typical assumptions made about the depicted physical space are not appropriate for the space. Furthermore, actual field performance may differ from performance calculated using laboratory measurements as the result of miscalculations related to deficiencies in the information provided about the physical space, degradation factors in the end-user environment (including, but not limited to, voltage variation and dirt accumulation), or other possible variations in field conditions. Finally, lamp lumen depreciation and/or depreciation in lamp radiant intensity may result in performance over time that differs from calculated performance. It is the obligation of the end-user to consult with appropriately qualified Professional Engineer(s) to determine whether this application design meets the applicable requirements for performance, code compliance, safety, suitability and effectiveness for use in a particular application. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this application design.

EXHIBIT 1
(SHEET 1 OF 2)



WONITY MAP
N.T.S.

SEE SHEET 2

LEGEND

- TELEPHONE MANHOLE
- SEWER MANHOLE
- SIGN
- CATCH BASIN
- LIGHT POLE
- TELEPHONE POLE
- ELECTRIC TRANSFORMER
- COMMUNICATIONS BOX
- UNDERGROUND SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND FIBEROPTIC LINE

NOTES

- 1) THE SURVEY DATA SHOWN ON THIS PLAN ARE LIMITED TO THOSE FURNISHED TO US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SURVEY DATA ARE REFLECTED OR SHOWN HEREIN. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPLYING THE DATA FOR THIS PLAN.
- 2) THE PERIMETER SHOWN SHALL NOT CONSTITUTE A LEGAL OPINION OF TITLE AND SHALL NOT BE RELIED UPON FOR THAT PURPOSE. THERE IS NO WARRANTY THAT IT CONFORMS TO THE LEGAL TITLE AND WAS MADE SOLELY ACCORDING TO THE INFORMATION PROVIDED THE SURVEYOR.
- 3) THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREIN HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREIN. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREIN, INCLUDING PRIOR TO EXCAVATION AND DIGGING.
- 4) CERTAIN FEATURES, I.E., FENCES, WALLS, ETC. MAY BE EXAGGERATED IN SCALE FOR CLARITY. DIMENSIONS SHOWN ACTUAL LOCATION.
- 5) ALL FENCE DIMENSIONS ARE MEASURED FROM FACE OF FENCE. FENCE IS ON THE PROPERTY LINE IF NO DIMENSION IS GIVEN.
- 6) REFERENCES: LEGAL DESCRIPTION
- 7) NORTH BASED ON LOUISIANA STATE PLANE COORDINATES, SOUTH ZONE.
- 8) DATUM: NAD83.
- 9) CONSTRUCTION BENCHMARK, C.B.M., "X" (CORNER) FOUND ON ALUMINUM LIGHT POLE NEAR THE NORTHERN PROPERTY CORNER NEAR PARCEL "M".
- 10) ZONE: PLANNED UNIT DEVELOPMENT OVERLAY



SURVEY MADE AT THE REQUEST OF ABBE FARM 1/8/2017

THE PROPERTY BOUNDARY SURVEY RECORDS HEREON WAS MADE ON THE BASIS OF DATA BY SURVEY SUPERVISOR, WHO IS RESPONSIBLE FOR THE ACCURACY OF THE DATA. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPLYING THE DATA FOR THIS PLAN.

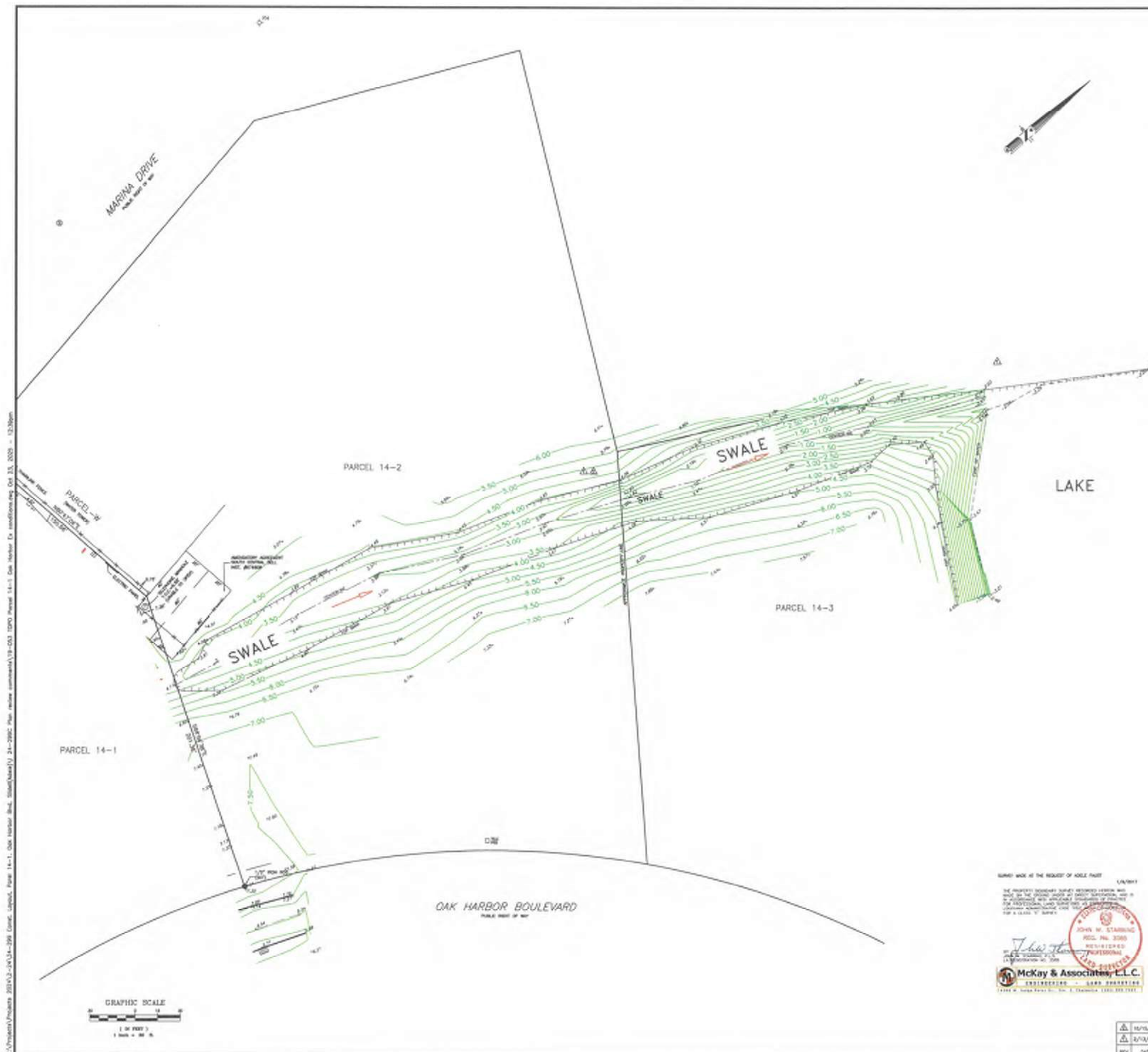
JOHN W. SEARNS
REG. NO. 3585
PROFESSIONAL
ENGINEER
LOUISIANA

McKay & Associates, L.L.C.
ENGINEERS - LAND SURVEYORS
1000 W. JEFFERSON BLVD., SUITE 100, NEW ORLEANS, LA 70119

TOPOGRAPHIC SURVEY OF PARCEL 14-1
OAK HARBOR, SECTION 27 & 34
T95-R14E
ST. TAMMANY PARISH, LOUISIANA

12/15/2024	ADDED CONTIGUOUS AND FLOW ARROWS	DM	SCALE: 1" = 30'	DRAWN BY: BT, HD
1/15/2019	ADDED 2ND SHEET SHOWING SWALE	DM	DATE: 1/8/2017	CHECKED BY: DM
REV	DATE	REASON	BY	SHEET NO. 1 OF 2

EXHIBIT 1
(SHEET 2 OF 2)



LEGEND

⊙	TELEPHONE MANHOLE
⊙	SEWER MANHOLE
⊙	BOX
⊙	CATCH BASIN
⊙	LIGHT POLE
⊙	TELEPHONE POLE
⊙	ELECTRIC TRANSFORMER
⊙	COMMUNICATIONS BOX
—	UNDERGROUND SEWER LINE
—	UNDERGROUND WATER LINE
—	UNDERGROUND GAS LINE
—	UNDERGROUND TELEPHONE LINE
—	UNDERGROUND FIBEROPTIC LINE

NOTES

- 1) THE SERVICES SHOWN ON THIS PLAN ARE LIMITED TO THOSE FURNISHED BY THE CLIENT. THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVICES ARE REFLECTED OR SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPLETING THIS PLAN.
- 2) THE PERMITS SHOWN SHALL NOT CONSTITUTE A LEGAL OPINION OF TITLE, AND SHALL NOT BE RELIED UPON FOR THAT PURPOSE. THERE IS NO WARRANTY THAT IT CONFORMS TO THE LEGAL TITLE, AND WAS MADE SOLELY ACCORDING TO THE INFORMATION PROVIDED BY THE CLIENT.
- 3) THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DESIGN.
- 4) CERTAIN FEATURES, I.E., FENCES, WALLS, ETC., MAY BE EXAGGERATED IN SCALE FOR CLARITY. DIMENSIONS SHOW ACTUAL LOCATION.
- 5) ALL FENCE DIMENSIONS ARE MEASURED FROM FACE OF FENCE. FENCE IS ON THE PROPERTY LINE IF NO DIMENSION IS GIVEN.
- 6) REFERENCES: LEGAL DESCRIPTION.
- 7) NORTH BASED ON LOUISIANA STATE PLANE COORDINATES, SOUTH ZONE.
- 8) DATUM: NAVD83.
- 9) CONSTRUCTION: BENCHMARK, C.B.M., "A" (SCORR) FOUND ON ALUMINUM LIGHT POLE NEAR THE NORTHERN PROPERTY CORNER NEAR PARCEL "W".
- 10) ZONE: PLANNED UNIT DEVELOPMENT OVERLAY.

WORK MADE AT THE REQUEST OF HOLLY FAUST

1/1/2017

THE PROPERTY SURVEYOR HAS REVIEWED THE DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DESIGN.

JOHN W. STANBINE
REG. NO. 3585
PROFESSIONAL
SURVEYOR
LOUISIANA

McKay & Associates, L.L.C.
ENGINEERS - LAND SURVEYORS
1400 W. Super Street, Suite 1, Thibodaux, LA 70310

TOPOGRAPHIC SURVEY OF PARCEL 14-1
OAK HARBOR, SECTION 27 & 34
T95-R14E
ST. TAMMANY PARISH, LOUISIANA

12/15/2016	ADDED CONTOURS AND FLOW ARROWS	CM	SCALE: 1" = 30'	DRAWN BY:	BL NO
2/13/2017	ADDED 2ND SHEET SHOWING SWALE	CM	DATE: 1/1/2017	CHECKED BY:	CM
REV	DATE	REVISION	DRAWN	JOB NO. 13-053, 17-088	SHEET NO. 2 OF 2

EXHIBIT 2
(SHEET 1 OF 2)

Provide separate water & sewer utility plan certified by a licensed professional engineer (missing from latest plan sets provided).

GENERAL NOTES

- 1) NORTH SHOWN ON LOUISIANA STATE PLANE COORDINATES, SOUTH ZONE.
- 2) DATUM: NAVD83.
- 3) MEASUREMENTS ACROSS DRIVEWAYS ARE TAKEN BACK OF CURB TO BACK OF CURB.
- 4) PROPOSED ELEVATIONS BASED ON VILLAGE OF ECHO OAK GRADING PLAN BY KELLY MOWAT & ASSOCIATES, L.L.C. DATED 11/4/2021.
- 5) TOP OF FILL ELEVATIONS DETERMINED ON 10/14/2024.
- 6) INITIAL ELEVATIONS (INSIDE RIGHT OF WAY) FROM TOPOGRAPHIC SURVEY DATED ON 11/20/2017.

ELEVATION NOTES:

BEFORE FILL ELEVATION
PROPOSED ELEVATION
SPOT ELEVATION AFTER FILL
PROPOSED SPOT ELEVATION

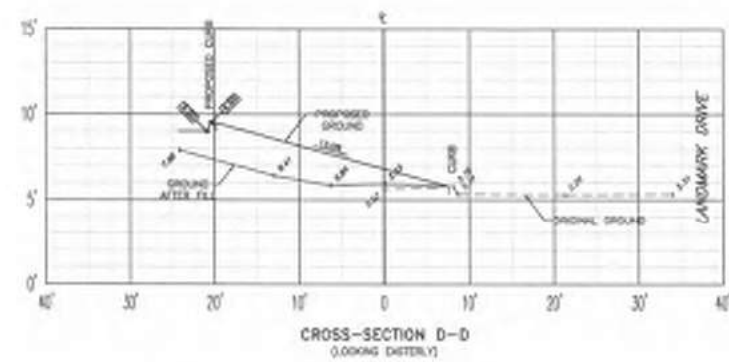
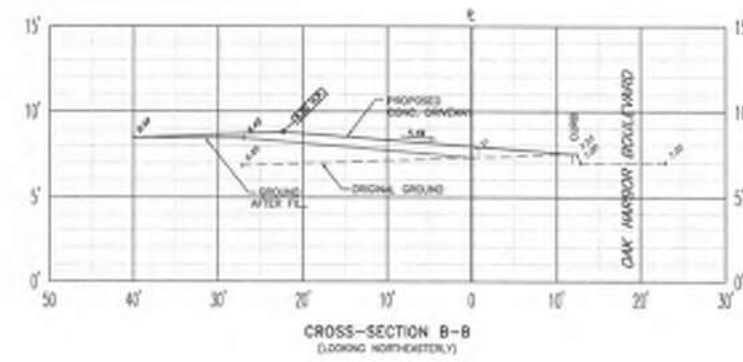
PLAN FOR SECTION VIEWS

PARCEL 14-1
OAK HARBOR COMMERCIAL, PHASE 1
SECTION 34, T9S-R14E
ST. TAMMANY PARISH, LOUISIANA

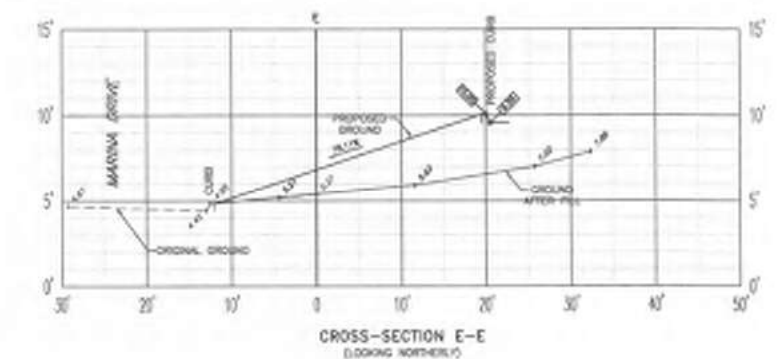
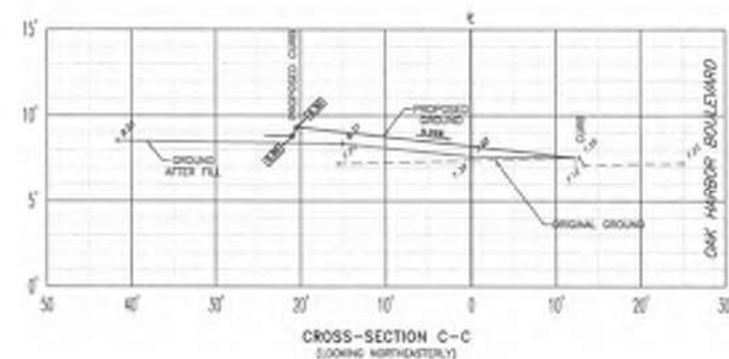
McKay & Associates, L.L.C.
ENGINEERING - LAND SURVEYING
22118 N. Judge Perez Drive, Suite 100, Metairie, LA 70002 (504) 885-7400



SCALE: 1" = 20'
DATE: 10/15/2025
JOB NO: 24-2992
DRAWN BY: ENP
CHECKED BY: CAM
SHEET NO: 1 OF 2

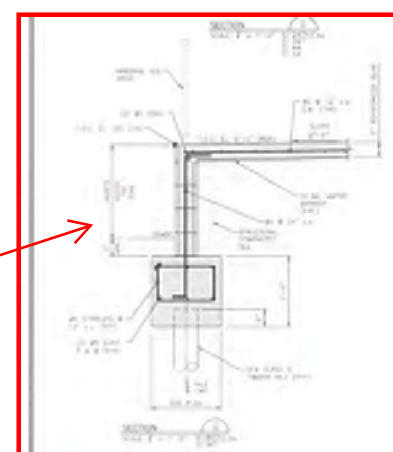


Provide written authorization from utility provider for proposed fill encroaching into utility servitude.



Per the construction detail provided for the retaining wall, only 6" of fill is required on Parcel-W (Side).

Clarify if additional fill is required as shown on Cross-Section A-A or revise accordingly per the foundation plans. (Potentially no fill in utility servitude.)



SECTION VIEWS

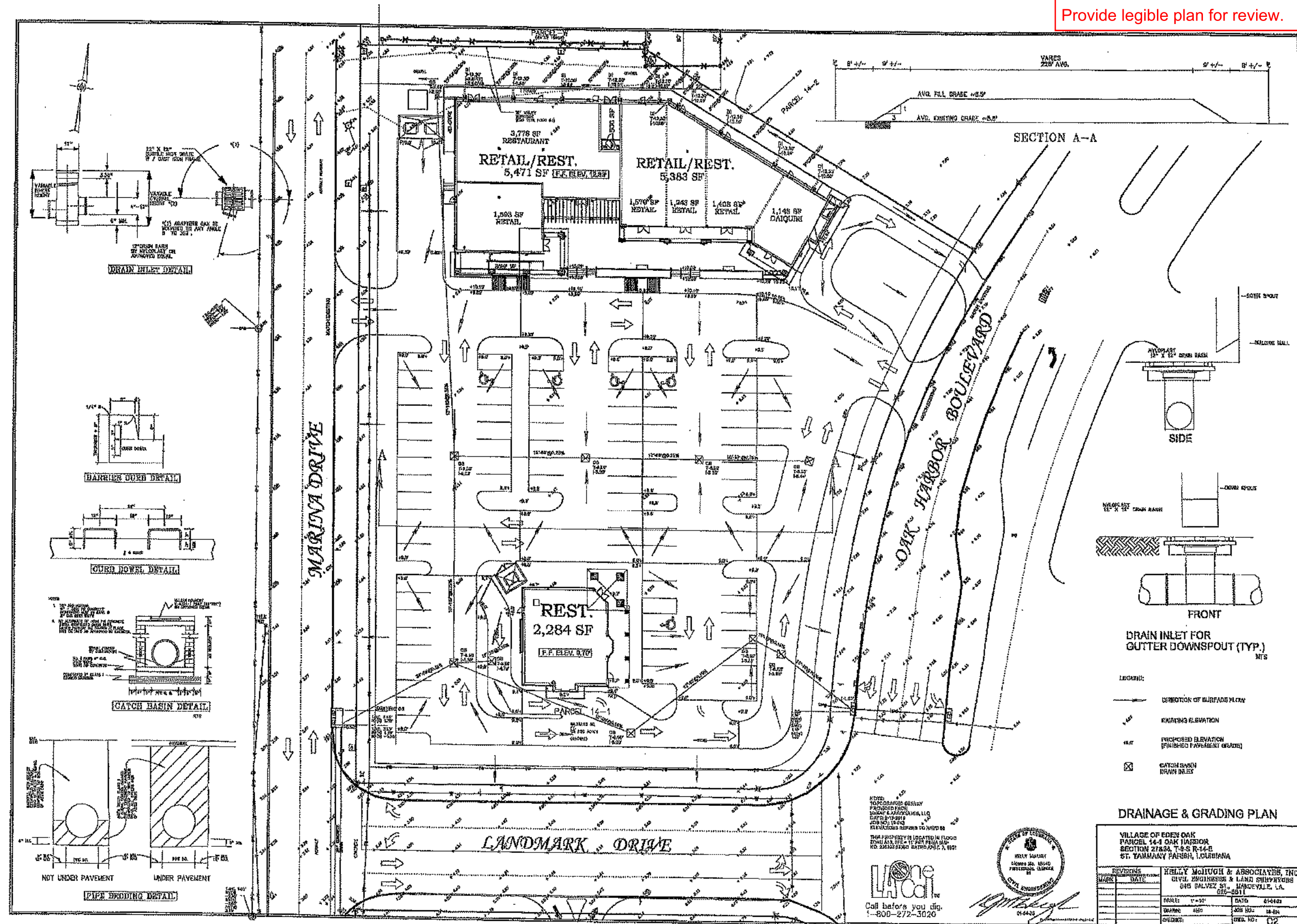
PARCEL 14-1
OAK HARBOR COMMERCIAL, PHASE 1
SECTION 34, T9S-R14E
ST. TAMMANY PARISH, LOUISIANA

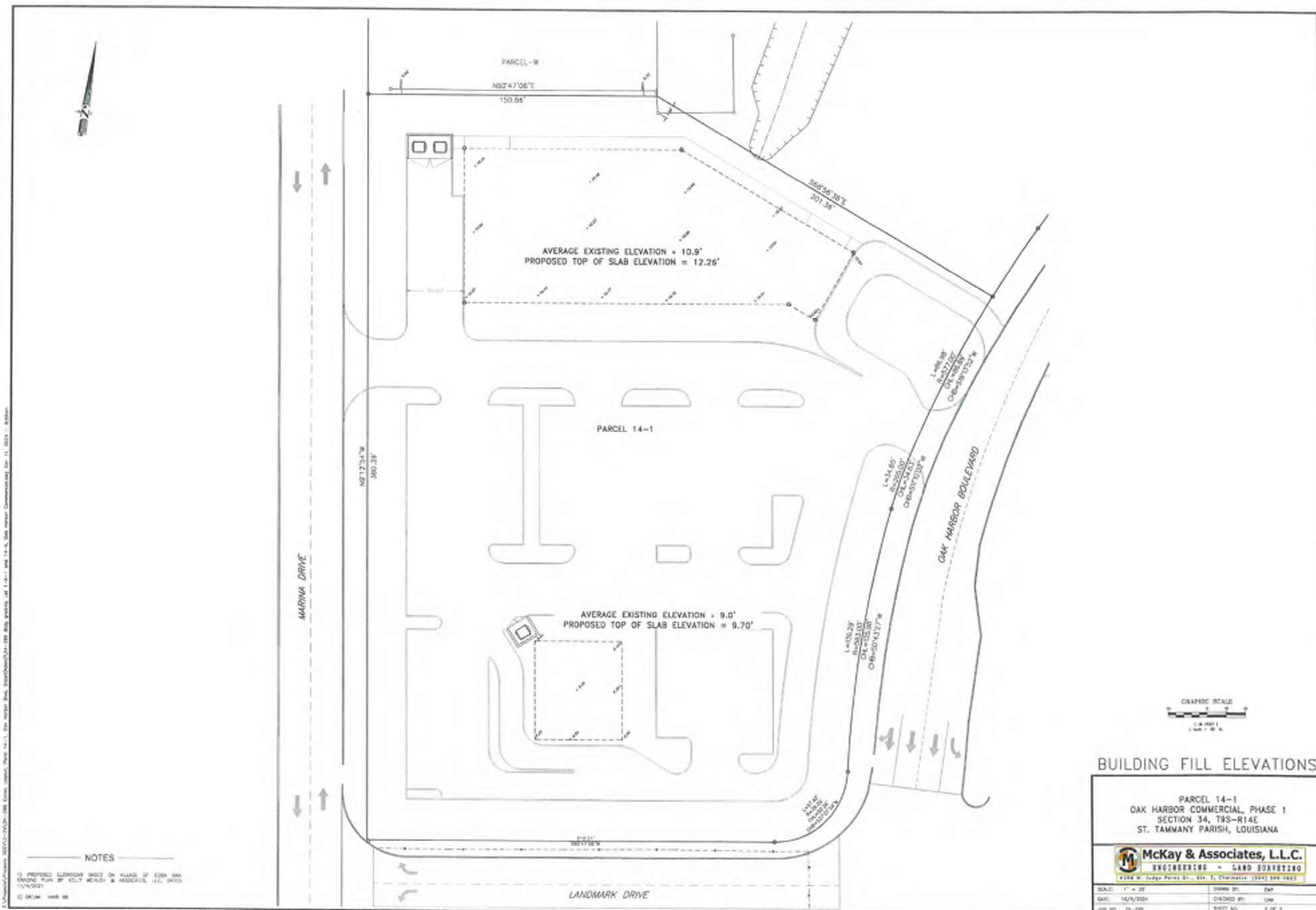
McKay & Associates, L.L.C.
ENGINEERING - LAND SURVEYING
12115 W. Judge Perez Drive, Suite 100, Metairie, LA 70001 (504) 884-1411

SCALE: 1" = 10'H, 1" = 5'V	DRAWN BY: DWP
DATE: 10/15/2020	CHECKED BY: CME
JOB NO: 24-2990	SHEET NO: 2 OF 2



Provide legible plan for review.







McKAY & ASSOCIATES, L.L.C.
ENGINEERING ~ LAND SURVEYING

October 22, 2025

To: Chad Hoselle
Department of Engineering
St. Tammany Parish Government

Re: Commercial Development Drainage Comments
Lot 14-1, Oak Harbor Commercial, Phase 1
Section 27 & 34, T9S-R14E
St. Tammany Parish, Louisiana

This is in response to the comments received on August 14, 2025, regarding a commercial development at Parcel 14-1 in Oak Harbor Subdivision. The comments were addressed by the following:

1. Drainage comment – Provide a pre-development drainage plan (existing conditions).
 - a. Refer to Exhibit No. 1 (two sheets), Topographic survey of Parcel 14-1, dated 1/9/2017, revised to include the drainage patterns and contour lines which show the majority of runoff sheet-flows west towards Marina Drive, except a portion which flows through a swale north to a lake.
2. Drainage comment – Confirm neighboring lots are not draining into proposed development as it cannot interfere or block existing drainage patterns.
 - a. Refer to Exhibit No. 1 (two sheets), Topographic survey of Parcel 14-1, dated 1/9/2017, which shows that runoff from the adjacent property flows north, away from the proposed development through a swale to a lake.
3. Cross-section - Provide cross-section including proposed elevations and dimensions from building to property line.
 - a. Refer to Exhibit No. 2 (two sheets). Sheet 1, plan view, includes location of section and the dimensions. Sheet 2 contains the section view labeled (A-A).
4. Cross-section – The proposed F.F.E. is ~8.5' above natural grade at this location. Show how fill will be contained. If a retaining wall is required, provide proposed construction details.
 - a. Refer to Exhibit No. 2 (two sheets). Sheet 2 contains the section view labeled (A-A).
5. Cross-section – Provide cross-section including proposed elevations and dimensions from the edge of pavement to property line.
 - a. Refer to Exhibit No. 2 (two sheets). Sheet 1, plan view, includes location of section and the dimensions. Sheet 2 contains the section view labeled (E-E).
6. Cross-section – Provide cross-section for the driveway transition from the parish road to the finish parking lot.

- a. Refer to Exhibit No. 2 (two sheets). Sheet 1, plan view, includes location of section and the dimensions. Sheet 2 contains the section view labeled (B-B).
- 7. Cross-section – Provide cross-section including proposed elevations and dimensions from edge of pavement to property line.
 - a. Refer to Exhibit No. 2 (two sheets). Sheet 1, plan view, includes location of section and the dimensions. Sheet 2 contains the section view labeled (C-C).
- 8. Drainage comment – Identify fill areas and associated fill depths on grading plan.
 - a. For the portion of the building perpendicular to Oak Harbor Blvd, the fill will be retained inside the building foundation as per structural drawings.
 - b. For the portion of the building perpendicular to Marina Drive (west side of northern wall), the building is about 20 feet from the property line. There is room to fill along the exterior wall of the building. This will reduce the amount of building above grade to 4 feet or less as shown on Exhibit No. 2, section A-A.

Charles A. McKay, Jr.

Charles A. McKay, Jr., P.E.
McKay and Associates, LLC
Ref. Job No. 24-299c

St. Tammany Parish Communications
District 9-1-1 Addressing Request Form

Date: 6/16/25		Email Completed Form to address@stp911.org	
Contact Information			
Contact Name		The Village of Eden Oak, LLC/ Adele Faust	
Contact Number		504-874-4299	
E-mail Address		adele.faust@yahoo.com	
Subdivision Name			
Subdivision Phase			
Subdivision Lot			
Subdivision Parcel		14-1	
City		Slidell	Zip Code 70458
Notes			
Shopping center suite addresses on the northern portion of parcel 14-1, as per plans by Carlton B. Parker, AIA, dated: 06/21/2024, File #: 4122, Sheet #: SW1.0.			
Assigned 911 Address:			
Retail space with 1,693 sq. ft. assigned: 970 OAK HARBOR BLVD STE 100			
Restaurant space with 3,778 sq. ft., assigned: 970 OAK HARBOR BLVD STE 200			
Storage/Utilities space assigned: 970 OAK HARBOR BLVD STE 205			
Retail space with 1,579 sq. ft., assigned: 970 OAK HARBOR BLVD STE 300			
Retail space with 1,248 sq. ft., assigned: 970 OAK HARBOR BLVD STE 400			
Nail space with 1,408 sq. ft., assigned: 970 OAK HARBOR BLVD STE 500			
Restaurant space with 1,148 sq. ft., assigned: 970 OAK HARBOR BLVD STE 600			
For Official Use Only!			
Electronic Signature:		Meaghan Combs	Date: 6/16/25
Master Street Address Guide Valid		☒	USPS AMS Notified ☐



ST. TAMMANY PARISH
MICHAEL B. COOPER
PARISH PRESIDENT

St. Tammany Parish Stormwater Agreement

Contractor: David Kaufmann Business Name: K. B. Kaufmann & Co., Inc.

Email: office@kbkaufmann.com Phone: 985-649-7381

- I will maintain compliance with the St. Tammany Parish Stormwater Ordinance, Section 900-6.9 on all new construction projects in St. Tammany Parish.¹
- I will allow reasonable access on my project site for both scheduled and unscheduled St. Tammany Parish stormwater and/or drainage inspections.
- I will employ adequate stormwater Best Management Practices (BMPs) on my new construction projects to control erosion, contain sediment on site, and prevent construction pollutants from entering stormwater conveyances and waterways.
- I will perform regular inspections and maintenance on stormwater BMPs to prevent adverse stormwater impacts related to my project.
- When applicable to my project, I will maintain compliance with either the LPDES General Permit for Discharges of Stormwater from Construction Activities Five Acres or More, for large construction activities, as defined by LDEQ in Master General Permit LAR100000 or the LPDES Stormwater General Permit for Small Construction Activities, one to less than five acres, as defined by LDEQ in Master General Permit LAR200000.²
- I will make the Stormwater Pollution Prevention Plan (SWPPP) available on site for scheduled Parish stormwater and/or drainage inspections, if the project is a small or large construction site, as defined by LDEQ in the permits identified above.
- I have read the Guide to Stormwater Requirements for New Construction provided on the reverse side of the St. Tammany Parish Stormwater Agreement and initialed the Guide in the area indicated.

Signature

Date

¹ Please refer to St. Tammany Parish Ordinance Section 900-6.9 for an explanation regarding the relationship between state and parish stormwater requirements.

² LPDES Master General Permits for Stormwater Discharges from Construction Activities (Large and Small) are available on the LDEQ website; the LDEQ website address is provided on the reverse side of this document.



ST. TAMMANY PARISH
MICHAEL B. COOPER
PARISH PRESIDENT

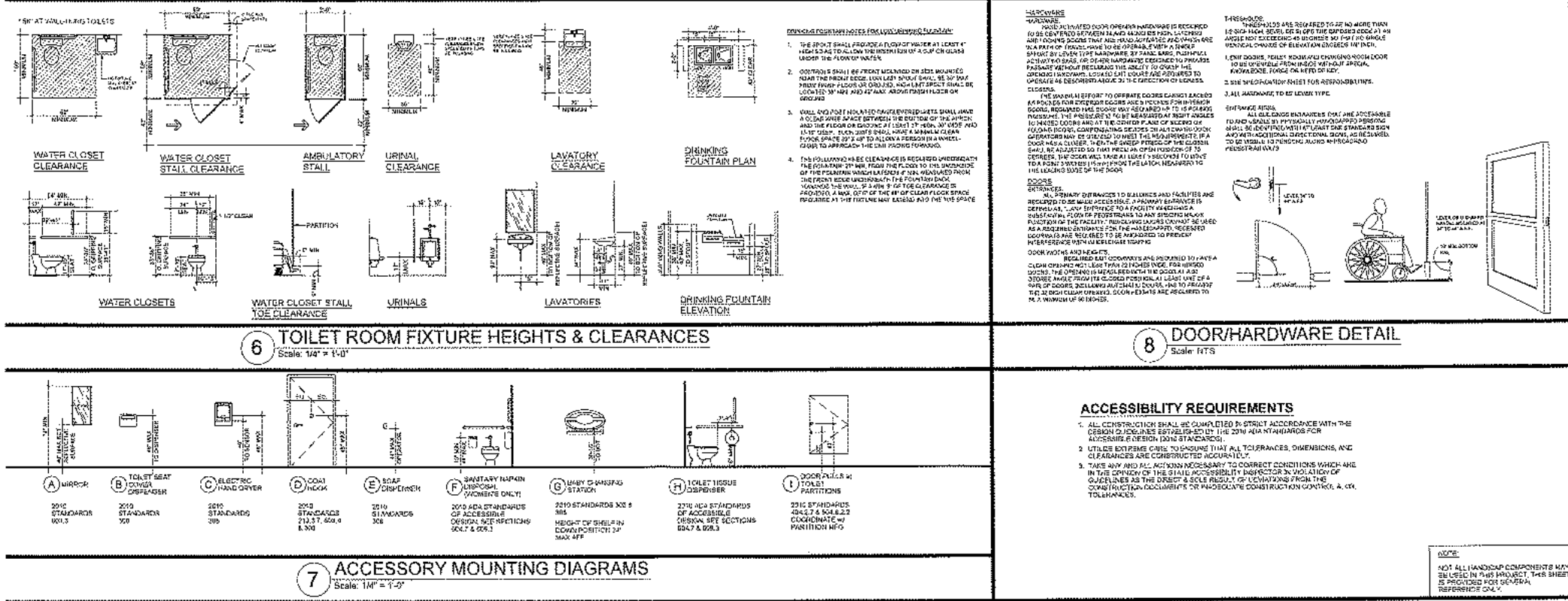
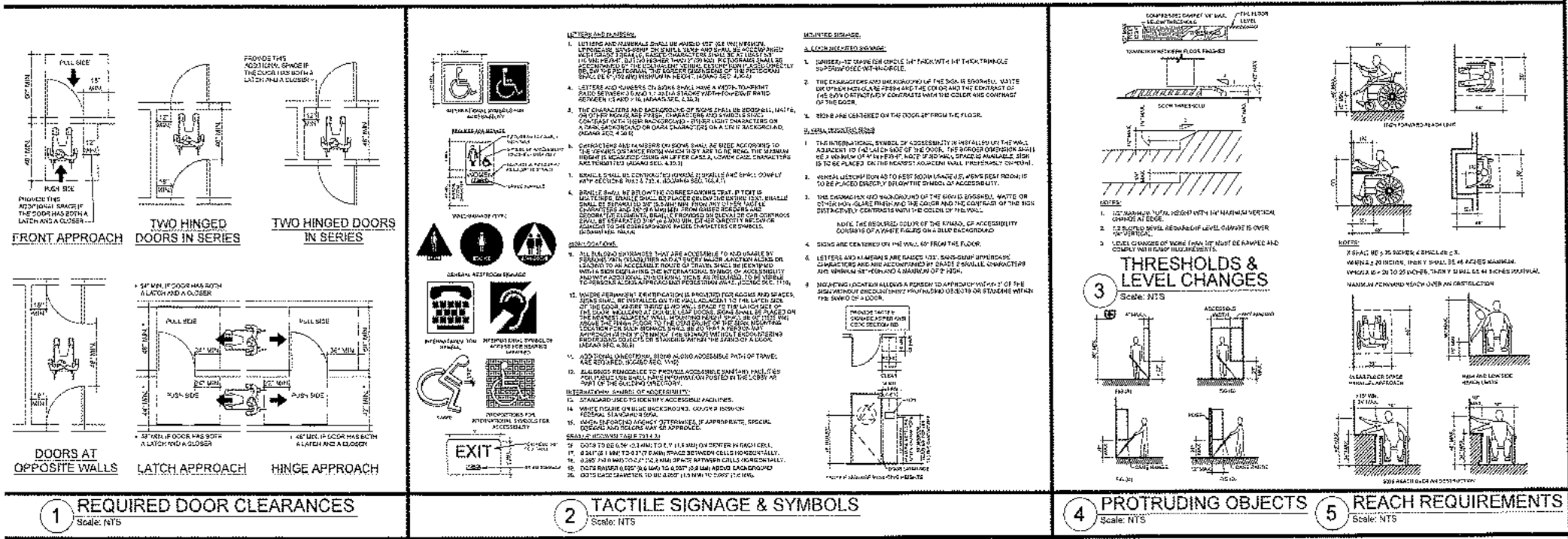
Stormwater Site Plan Checklist

Owner Name: Village of Eden Oak LLC Date: _____
Construction Co: K. B. Kaufmann & Co., Inc. Permit: 2025-3249
Site Address: 978 Oak Harbor Blvd., Slidell, LA 70458 Phone: 985-649-7381
E-Mail: office@kbkaufmann.com Cell Phone: 985-960-1674

**Please fill in Checklist & Stormwater Site Plan for submission with permit application.*

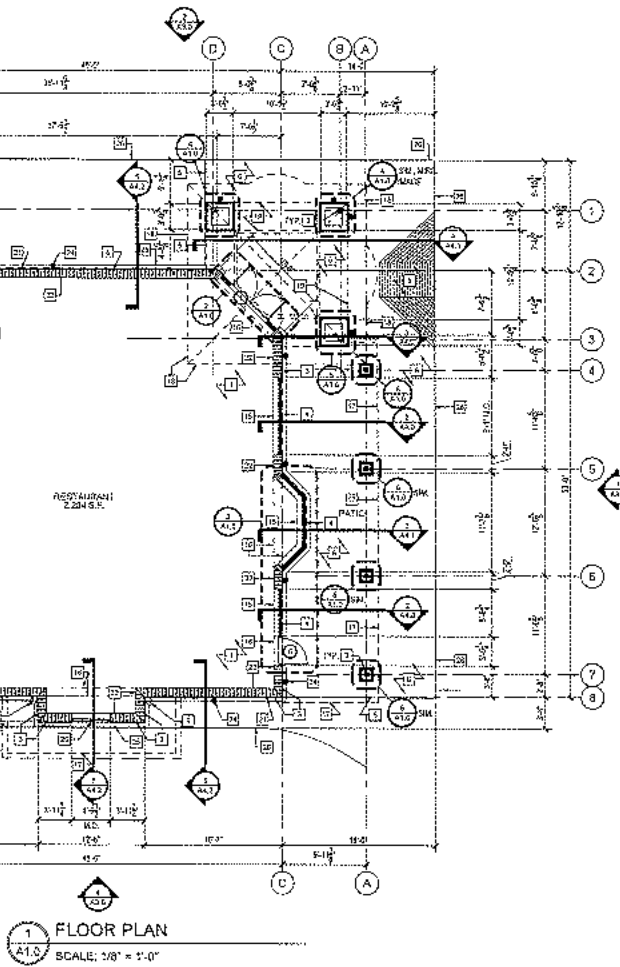
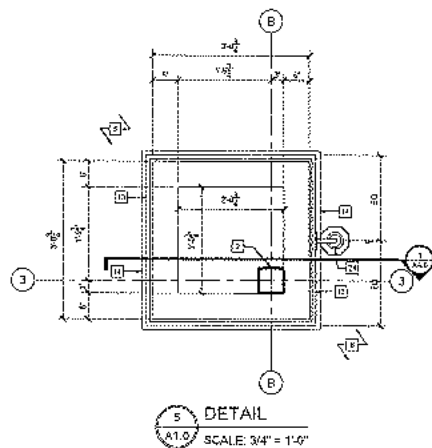
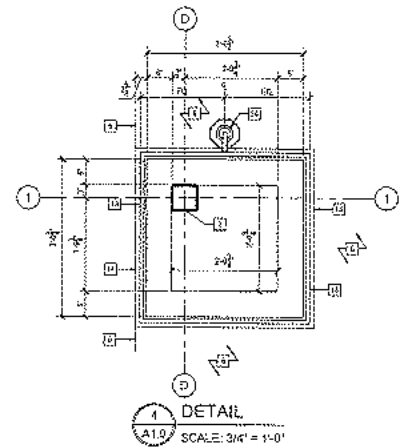
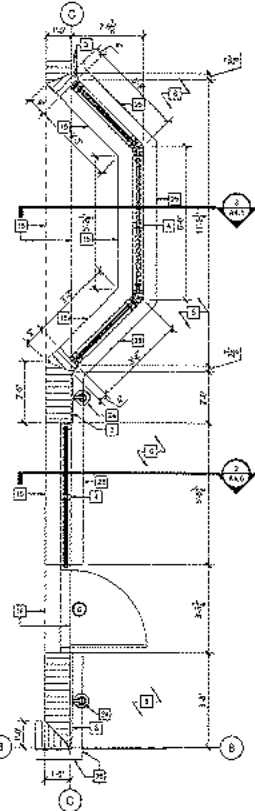
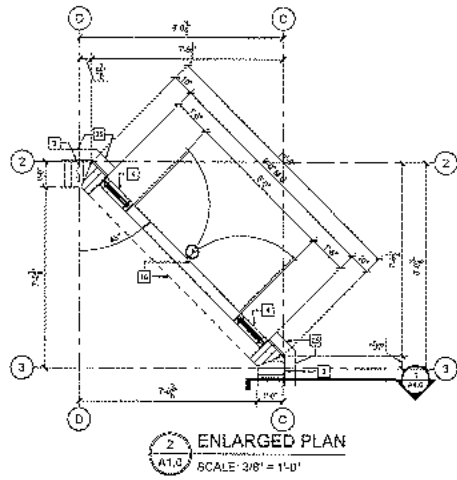
1. ☒ Show North arrow
2. ☒ Label property/lot dimensions
3. ☒ Show proposed structures/development with distances from lot lines (including driveways).
4. ☒ Show all natural and manmade drainages such as drainage ditches, canals, bodies of water, and swales, with distances from building/grading pad sites.
5. ☐ Indicate drainage flow across property
6. ☒ Show all storm drains, yard drains, culverts, catch basins, etc.
7. ☒ Show all dirt stockpiles, material storage areas, portable toilets, and trash containers..
8. ☒ Define limitation of grading area and/or grassy buffers (see questions below)
 - a. Is entire lot to be graded and/or filled? ☐ YES or ☐ NO
 - b. Will any grassy buffer remain around perimeter of graded/filled area? ☐ YES or ☐ NO
If yes, please indicate location and size on plan.
9. ☒ Show all proposed erosion and sediment protection measures or Best Management Practices (BMPs) utilized to protect drainage infrastructure, roadways, and neighboring properties from sedimentation, erosion, construction debris, or construction related pollutants.
10. ☒ A stabilized construction entrance/exit is required on all sites to prevent sediment tracking onto roadway.

NOTE: See attached sample stormwater site plan for guidance in creating a stormwater site plan specific to your site.



Carlton B. Parker, AIA
ARCHITECT
317 MAINS ALLEY MILTON, CA 95008 408.887.3214

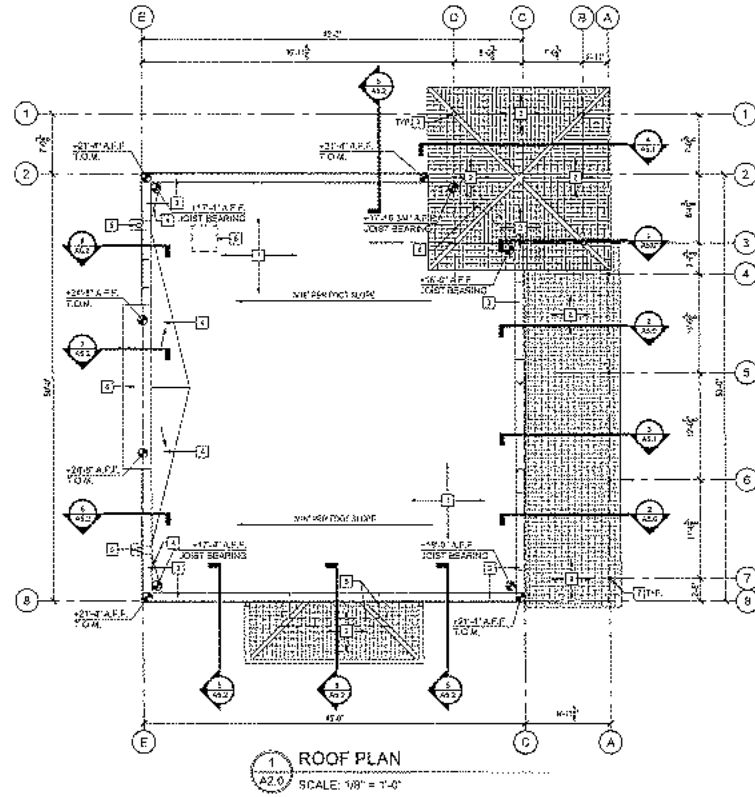
PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH



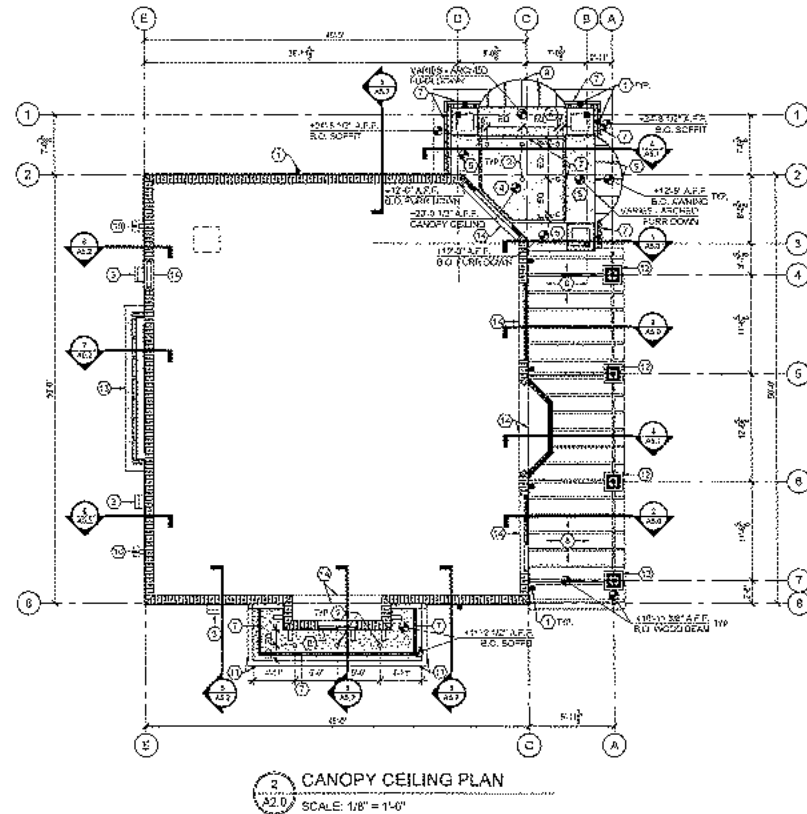
- FLOOR PLAN KEYED NOTES
1. FLS SUPPORTED CONC. FLOOR SLAB PER STRUCT. DWGS. ON 10 MIL VAPOR BARRIER.
 2. STEEL STRUCTURAL COLUMN. SEE STRUCT. DWGS.
 3. STUDS SYSTEM ON EXTERIOR FACE OF 12" CONC. BLOCK.
 4. ANODIZED ALUM. & GLASS STOREFRONT.
 5. LINE INDICATES EDGE OF CONC. SIDEWALK. SEE SIDEWALK PLAN.
 6. 4" THICK CONC. SIDEWALK W/ 6M, 10M WALK, 10M MIL VAPOR BARRIER OR COMPACTED FILL. SEE SIDEWALK PLAN FOR JOINT LAYOUT.
 7. 8" CONC. BLOCK DUMPSTER ENCLOSURE WALL. DUMPSTERS BY CITY. SEE SIDEWALK PLAN.
 8. HANDICAP RAMP. SEE SIDEWALK PLAN.
 9. PRE-FINISHED METAL DOWNSPOUT W/ GUTTER ABOVE.
 10. PRE-FINISHED METAL DOWNSPOUT W/ COLLECTOR HEAD & THROUGH-ROOFER ABOVE.
 11. DOWNSPOUTS DRAIN INTO COLLECTOR PUS FOR UNDERGROUND STORM SEWER LINE. SEE CIVIL DWGS.
 12. STUD SYSTEM ON WALLS (ROOFING MEMBRANE ON 5/8" PLYWOOD SHEATHING ON 3/4" METAL STUDS @ 16" O.C.
 13. STUD SYSTEM ON WALLS (ROOFING MEMBRANE ON 5/8" PLYWOOD SHEATHING ON 3/4" METAL STUDS @ 16" O.C.
 14. LINE INDICATES FACE OF COLUMN BASE BELOW.
 15. LINE INDICATES FACE OF CHC LOW WALL BELOW STOREFRONT.
 16. DASHED LINE INDICATES FACE OF VASCARY HEADER SIGN ABOVE. SEE STRUCTURAL DWGS.
 17. DASHED LINE INDICATES EXTENTS OF CANOPY OVERHANG ABOVE.
 18. DASHED LINE INDICATES EXTENT OF TOWER FEATURE OVERHANG ABOVE.
 19. DASHED LINES INDICATE CANOPY CEILING FEATURE, ABOVE.
 20. 4-6 12" WIDE x 3/4" HIG. FOR CHC'S THROUGH WALL, MANUF. & MODEL TO BE SELECTED. VERIFY W.O. SIZE REQUIREMENTS W/ WINDOW SELECTED.
 21. DASHED LINES INDICATE FACE OF OVERHANG ABOVE.
 22. 12" CONC. BLOCK WALL.
 23. DOOR HATCH AND LOCKER TO BE LOCATED ON THE INTERIOR EXW. LOCATION TO BE DETERMINED.
 24. DECORATIVE EXTERIOR WALL SCANCE LIGHT FEATURE. SEE EXTERIOR ELEVATIONS. SEE ELECTRICAL DWGS.
 25. LINE INDICATES FACE OF BIL BLOCK COURSE BELOW.
 26. LINE INDICATES FACE OF CONC. CURB. SEE SIDEWALK PLAN.

DOOR SCHEDULE (ALL BUILDINGS)			
MARK	DOOR	FRAME	REMARKS
	SIZE	DESCRIPTION	
01	PAIR 3'-0" X 7'-0" X 1'-0"	WOOD KNOCK ALUM. STAINLESS	ALUM. KNOCK ALUM. STAINLESS
02	3'-0" X 7'-0" X 1'-0"	WOOD KNOCK ALUM. STAINLESS	ALUM. KNOCK ALUM. STAINLESS

1/12/2024 11:59:57 AM DATE: 2024 078



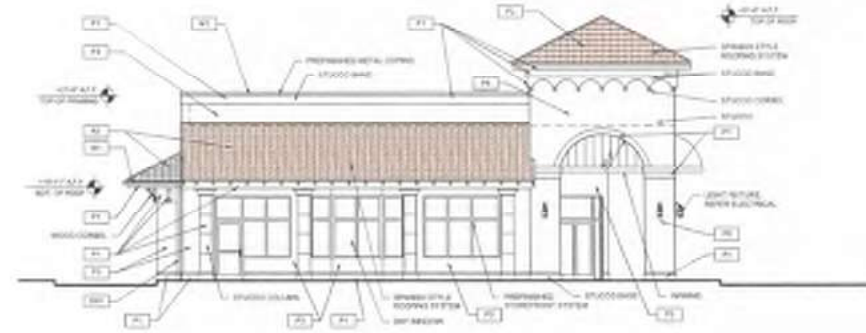
- ROOF PLAN KEYED NOTES
- 1 60 MIL TPO ROOFING ON R-30 RIGID INSULATION ON METAL DECK. SEE STRUCT. DWGS.
 - 2 SPANISH STYLE TILE ROOFING ON 2X8 BLDG FELD ON 3/4\"/>
 - 3 PRE-FINISHED GALV. METAL PARAPET CAP FLASHING ON 60 MIL TPO ROOFING. PROVIDE 1/4\"/>
 - 4 60 MIL TPO ROOFING ON TAPERED RIGID INSULATION CRICKET. PROVIDE 1/4\"/>
 - 5 PRE-FINISHED METAL DOWNSPOUT W/ COLLECTOR HEAD & THRUWALL SCUPPER. SEE EXTERIOR ELEVATIONS.
 - 6 DASHED LINE INDICATES MASONRY WALL BELOW.
 - 7 SYMBOL INDICATES STEEL COLUMN BELOW. SEE STRUCT. DWGS.
 - 8 ROOF HATCH AND LADDER TO BE LOCATED ON THE INTERIOR. EXACT LOCATION TO BE DETERMINED.



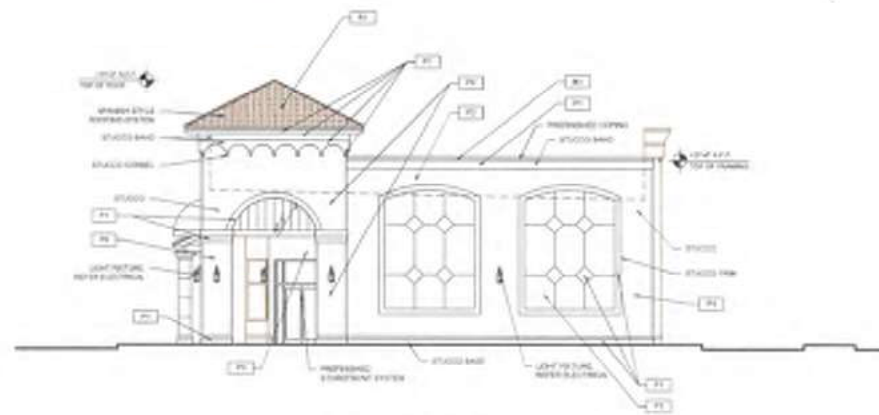
- CEILING PLAN KEYED NOTES
- 1 SYMBOL INDICATES WALL ECHOES LIGHT FIXTURE, BOTTOM @ 2'-6\"/>
 - 2 SYMBOL INDICATES RECESSED CAN DOWNLIGHT FIXTURE. SEE ELECTRICAL DWGS.
 - 3 SYMBOL INDICATES WALL PACK LIGHT FIXTURE. SEE ELECTRICAL DWGS.
 - 4 STUCCO CEILING ON WALL (APPROX. 5\"/>
 - 5 STUCCO FURR DOWN ON WALL. PROVIDE 5\"/>
 - 6 STUCCO SCOFFIT ON WATERPROOFING ON 5/8\"/>
 - 7 CURT. 4\"/>
 - 8 EXPOSED WOOD RAFTERS ON EXPOSED WOOD BEAM. SEE STRUCTURAL DWGS.
 - 9 EXPOSED WOOD FRAMING.
 - 10 PRE-FINISHED METAL DOWNSPOUT W/ COLLECTOR HEAD ABOVE. SEE EXTERIOR ELEVATIONS.
 - 11 PRE-FINISHED METAL GUTTER & DOWNSPOUT. SEE EXTERIOR ELEVATIONS.
 - 12 LINES INDICATE DECORATIVE COLUMN CAP.
 - 13 DECORATIVE CORNER FEATURE @ TOP OF WALL.
 - 14 LINES INDICATE BOTTOM OF MASONRY HEADER.
- NOTE: SEE EXTERIOR ELEVATIONS FOR FINISHES

REVISIONS

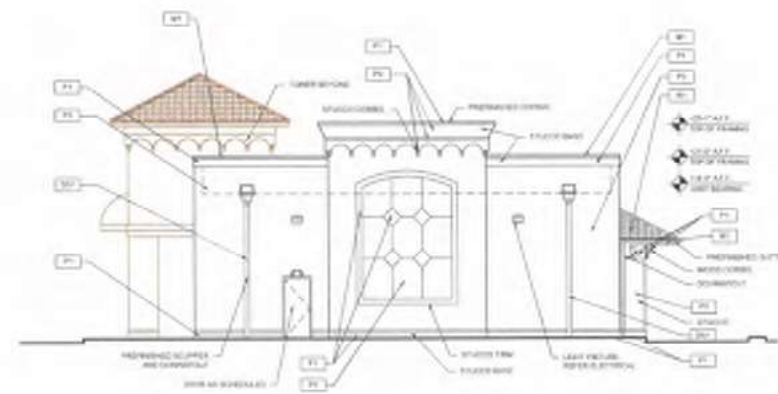




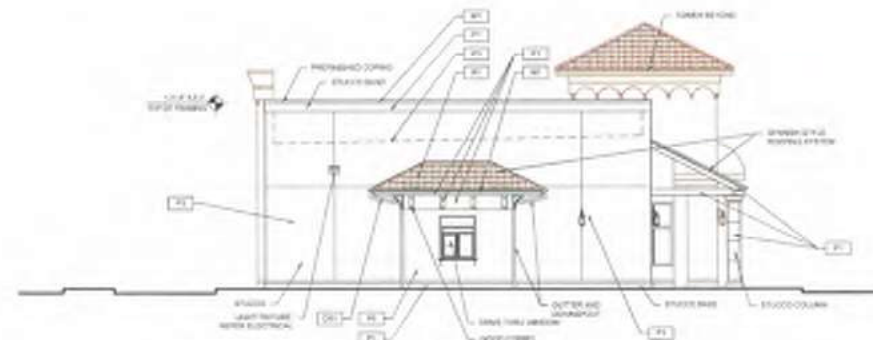
1 FRONT ELEVATION
SCALE: 1/8" = 1'-0"



2 SIDE ELEVATION
SCALE: 1/8" = 1'-0"



3 REAR ELEVATION
SCALE: 1/8" = 1'-0"

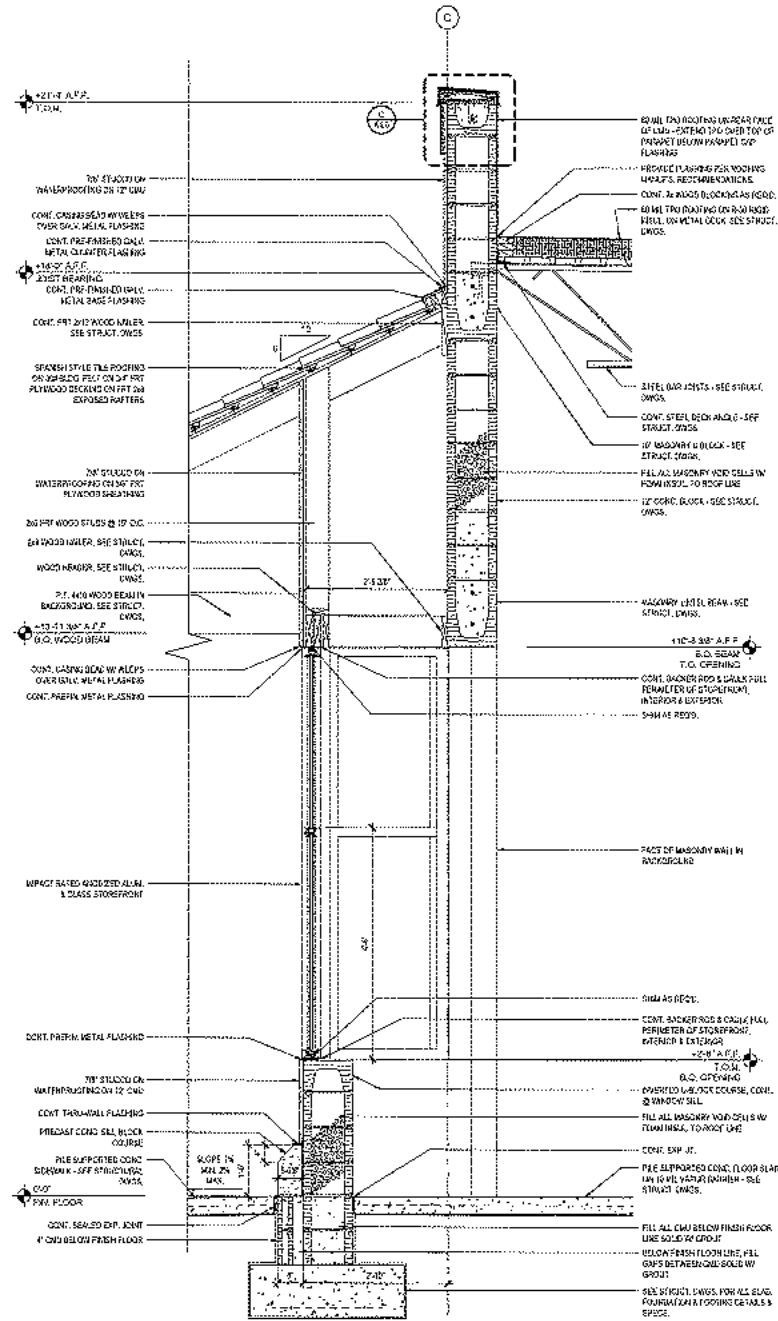


4 SIDE ELEVATION
SCALE: 1/8" = 1'-0"

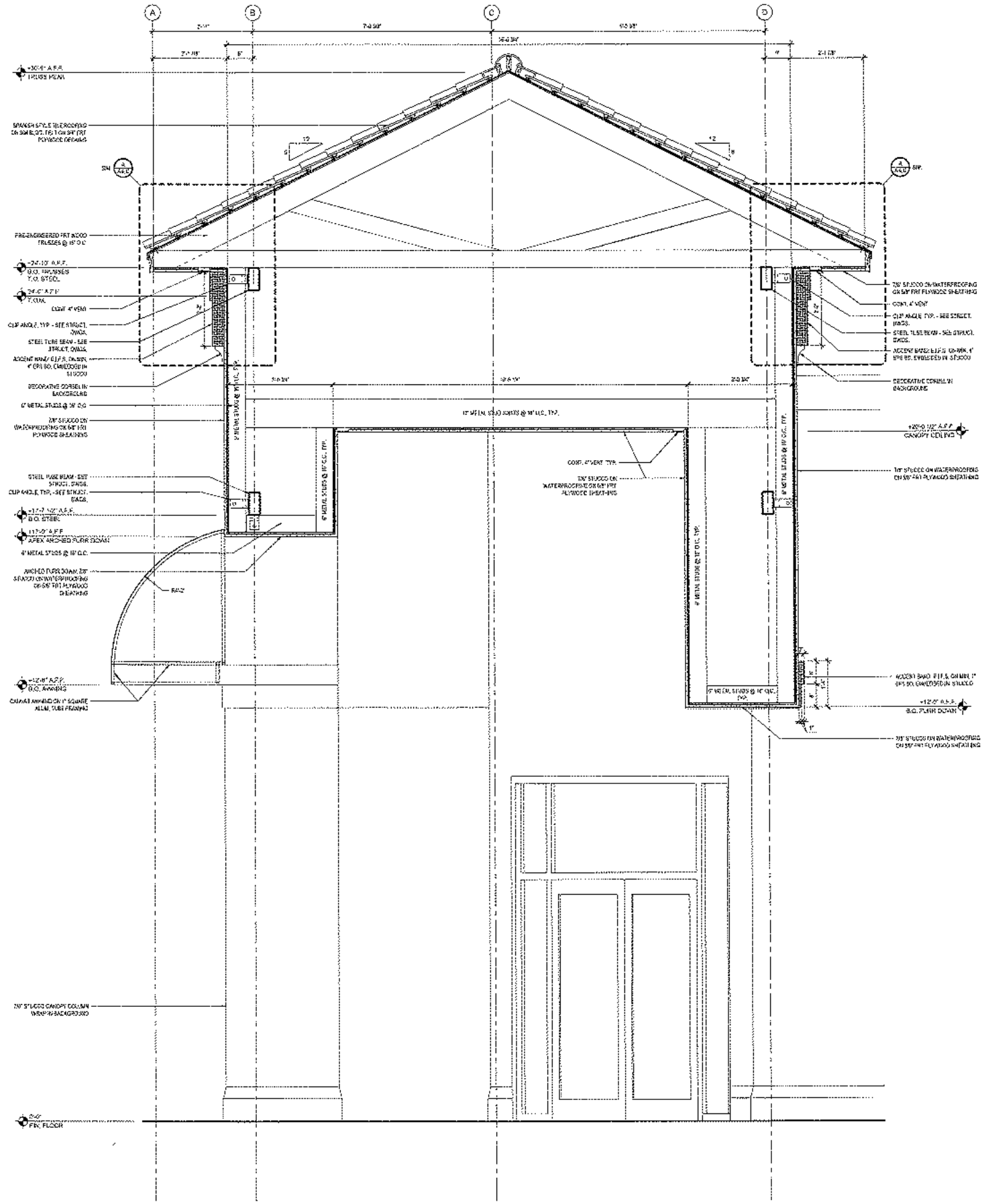
EXTERIOR COLOR SCHEDULE	
A1	PAINTED STEEL, GALVALUME (GALVALUME)
A2	PAINTED STEEL, 304 STAINLESS STEEL
A3	PAINTED STEEL, 316 STAINLESS STEEL
A4	PAINTED STEEL, 304 STAINLESS STEEL
A5	PAINTED STEEL, 316 STAINLESS STEEL
A6	PAINTED STEEL, 304 STAINLESS STEEL
A7	PAINTED STEEL, 316 STAINLESS STEEL
A8	PAINTED STEEL, 304 STAINLESS STEEL
A9	PAINTED STEEL, 316 STAINLESS STEEL
A10	PAINTED STEEL, 304 STAINLESS STEEL
A11	PAINTED STEEL, 316 STAINLESS STEEL
A12	PAINTED STEEL, 304 STAINLESS STEEL
A13	PAINTED STEEL, 316 STAINLESS STEEL
A14	PAINTED STEEL, 304 STAINLESS STEEL
A15	PAINTED STEEL, 316 STAINLESS STEEL
A16	PAINTED STEEL, 304 STAINLESS STEEL
A17	PAINTED STEEL, 316 STAINLESS STEEL
A18	PAINTED STEEL, 304 STAINLESS STEEL
A19	PAINTED STEEL, 316 STAINLESS STEEL
A20	PAINTED STEEL, 304 STAINLESS STEEL

NOTES: INSPECTOR SHALL VERIFY ALL MATERIALS, WORKMANSHIP, ETC. TO MATCH EXTERIOR AND INTERIOR AS SHOWN ON THESE DRAWINGS. ALL MATERIALS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION. ALL MATERIALS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

1/2" = 1'-0" SECTION 3/4" = 1'-0" SECTION



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



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

Carlton B. Parker, AIA
ARCHITECT
317 MAINS ALLEY MILTON, CA 94994 415.897.1314

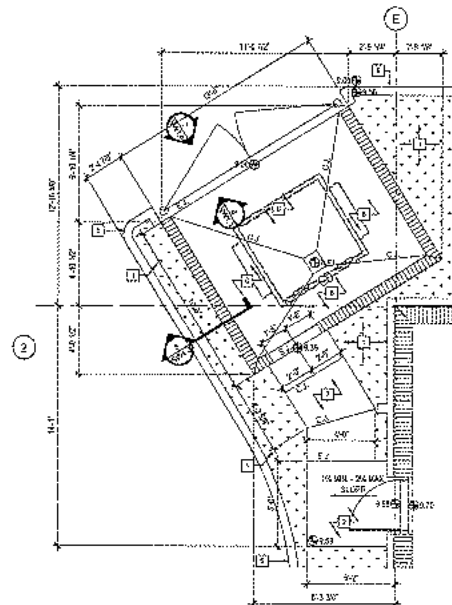
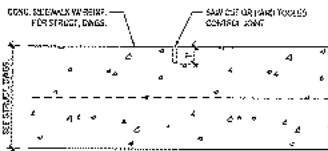
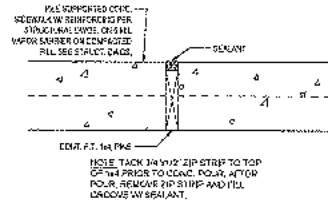
PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

REV	DESCRIPTION	DATE

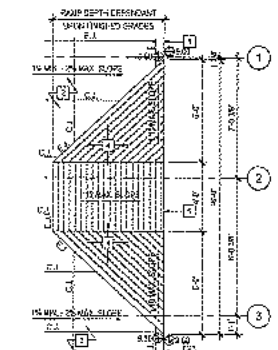


FILE 4112
DATE 04/11/2014
SHEET

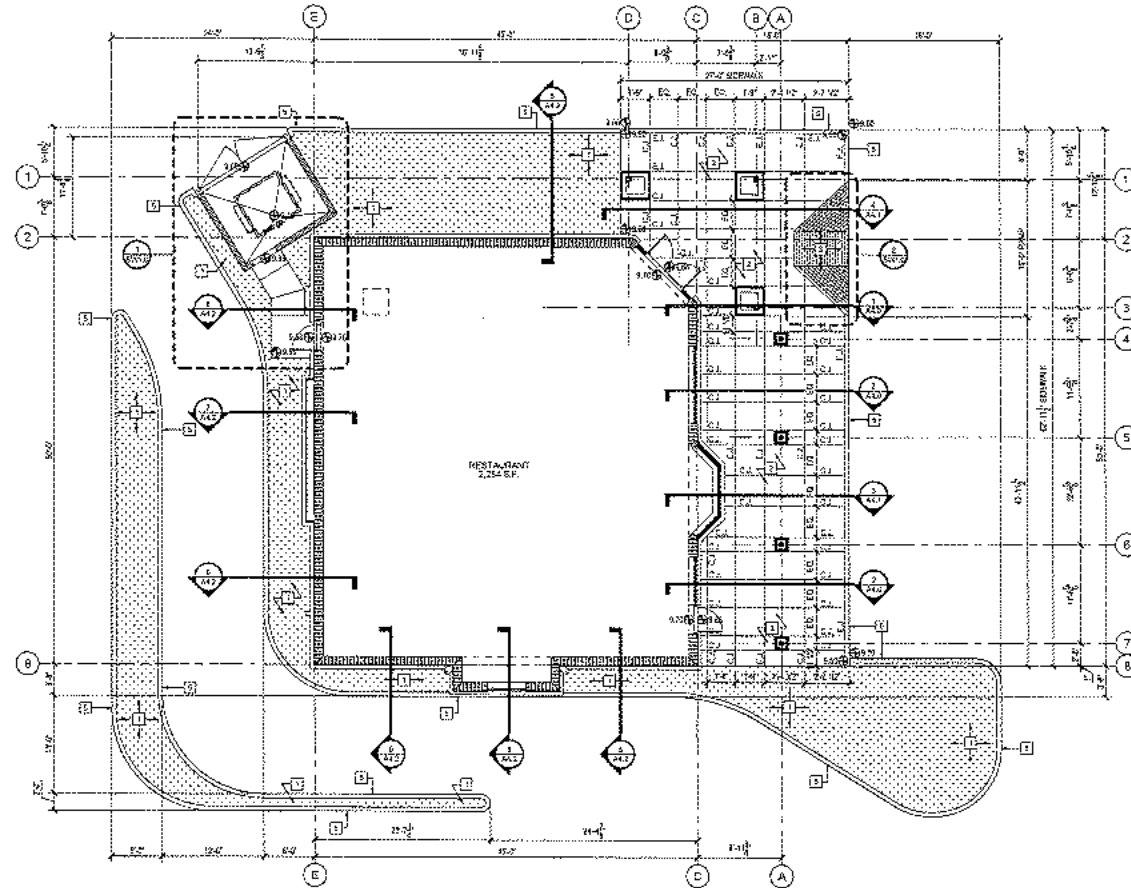
A4.1
BUILDING SHELL



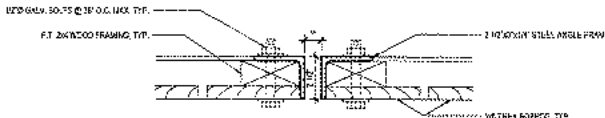
ENLARGED PLAN
SCALE: 1/4" = 1'-0"



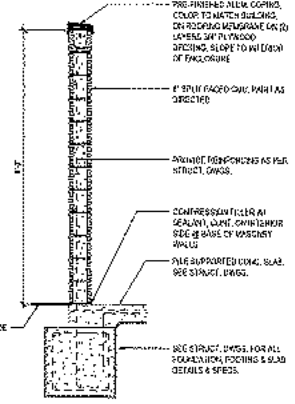
ENLARGED PLAN
SCALE: 1/4" = 1'-0"



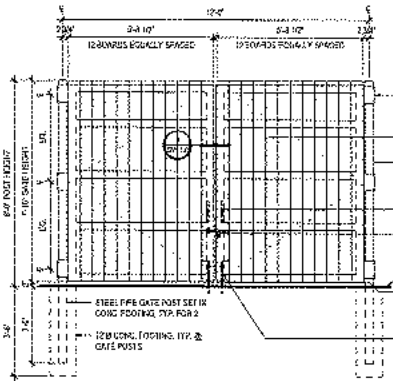
1 SIDEWALK PLAN
SCALE: 1/8" = 1'-0"



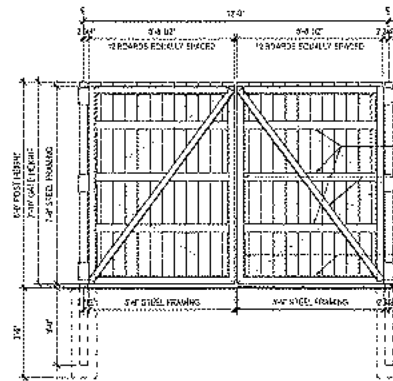
DETAIL
SCALE: 3" = 1'-0"



6 SECTION
SCALE: 1/2" = 1'-0"



7 ELEVATION
SCALE: 3/8" = 1'-0"



8 ELEVATION
SCALE: 3/8" = 1'-0"

- NOTES:**
- LANDSCAPE PLANTING.
 - FIELD SUPPLEMENTED CURB, SIDEWALK, W/REINFORCING FOR STRUCTURAL DOWNS, ON 5 MIL. VIBRACORRE COMPACTED FILL, SEE STRUT. DOWNS.
 - HANDICAP RAMP W/1:12 MAX. SLOPE, SEE DETAILS INDICATED.
 - 1/4" X 1/4" GROOVES @ 4" O.C. FULL DEPTH OF RAMP.
 - PROVIDE CONT. SEALED EXPANSION JOINT WHERE GPE PAVING MEETS FACE OF CONC. SIDEWALK OR FACE OF INGRESS.
 - CONC. DIAPHRAGM WALL, 8" O.C. TO DRAIN AS SHOWN, SEE STRUT. DOWNS.
- NOTES:**
- CONC. SIDEWALK W/REINFORCING FOR STRUCTURAL DOWNS, ON 5 MIL. VIBRACORRE COMPACTED FILL, SEE STRUT. DOWNS.
 - LANDSCAPE PLANTING.
 - FIELD SUPPLEMENTED CURB, SIDEWALK, W/REINFORCING FOR STRUCTURAL DOWNS, ON 5 MIL. VIBRACORRE COMPACTED FILL, SEE STRUT. DOWNS.
 - HANDICAP RAMP W/1:12 MAX. SLOPE, SEE DETAILS INDICATED.
 - 1/4" X 1/4" GROOVES @ 4" O.C. FULL DEPTH OF RAMP.
 - PROVIDE CONT. SEALED EXPANSION JOINT WHERE GPE PAVING MEETS FACE OF CONC. SIDEWALK OR FACE OF INGRESS.
 - CONC. DIAPHRAGM WALL, 8" O.C. TO DRAIN AS SHOWN, SEE STRUT. DOWNS.

PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SUDELL, LOUISIANA 70458
ST. TAMMANY PARISH

Carlton B. Parker, AIA
ARCHITECT
317 MAINS ALLEY MILTON, GA 30054 878.857.1514

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	06/11/2024
2	ISSUED FOR PERMIT	06/11/2024
3	ISSUED FOR PERMIT	06/11/2024
4	ISSUED FOR PERMIT	06/11/2024
5	ISSUED FOR PERMIT	06/11/2024
6	ISSUED FOR PERMIT	06/11/2024
7	ISSUED FOR PERMIT	06/11/2024
8	ISSUED FOR PERMIT	06/11/2024
9	ISSUED FOR PERMIT	06/11/2024
10	ISSUED FOR PERMIT	06/11/2024



FILE 4112
DATE JUN 21, 2024
SHEET
SW1.0
SUDELL, LOUISIANA 70458
ST. TAMMANY PARISH

GENERAL NOTES:

- GENERAL BUILDING CODE 2018 INTERNATIONAL BUILDING CODE
- DESIGN LOADS
ROOF LIVE LOAD 20 PSF
FLOOR LIVE LOAD 100 PSF
WIND LOAD:
THE FOLLOWING WIND SPEEDS AND FACTORS HAVE BEEN USED IN THE DESIGN OF THIS STRUCTURE:
WIND CODE FOR DESIGN 150 MPH
ULTIMATE WIND SPEED DESIGN 140 MPH (V_W)
ALLOWABLE WIND SPEED DESIGN 100 MPH (V_W)
IMPORTANCE FACTOR 1.0
RISK CATEGORY 2
EXPOSURE CATEGORY B
INTERNAL PRESSURE COEFFICIENT C_{pi} -0.18
INTERNAL PRESSURE COEFFICIENT C_{pe} -0.18
COMPONENTS & CLADDING DESIGN PRESSURE (PSF) SEE DRAWING THIS SHEET
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOINTS PRIOR TO STARTING CONSTRUCTION AND THE FURNISHER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR ADJUSTMENTS WITH 48 HOURS BEFORE WORK BEGINS.
- ALL PHASES OF THE WORK SHALL CONFORM TO THE MINIMUM STANDARDS AND REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE STRUCTURE UNLESS OTHERWISE INDICATED. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY DETAILS TO PROTECT THE STRUCTURE, WORKMAN, AND OTHER PERSONNEL DURING CONSTRUCTION.
- ALL ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS SHALL BE OF THE LATEST REVISION.
- IN THE EVENT OF ANY DISCREPANCY BETWEEN THE CONTRACT DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESOLVING THE DISCREPANCY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND Awaiting Further Instruction Before Proceeding With Construction.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS, NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF WORK.
- CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTAL FOR APPROVAL. SPECIFICATIONS AND/OR SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER OF RECORD AND APPROVED PRIOR TO START OF WORK.
- VERIFY ALL EQUIPMENT LOCATIONS AND OPENINGS THROUGH ROOF, FLOOR, AND WALLS WITH ARCHITECTURAL, ELECTRICAL, AND MECHANICAL REQUIREMENTS.
- STRUCTURAL DRAWINGS MAY NOT BE DUPLICATED IN ANY FORM FOR ANY PURPOSE. IF STRUCTURAL DRAWINGS ARE REPRODUCED IN ANY WAY, SUCH AS FOR SHOP DRAWING PREPARATION, SHOP DRAWINGS WILL BE REJECTED.
- SHOWING IS THE RESPONSIBILITY OF THE CONTRACTOR. PRELIMINARY DESIGN SHALL HAVE NO RESPONSIBILITY IN SHOWING PROCEDURES, SHOWING TO REMAIN IN PLACE UNTIL COMPLETION OF THE SHOWN AREA IS COMPLETE.

STEEL:

- STRUCTURAL STEEL SHALL MEET THE LATEST PROVISIONS OF THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- ALL STRUCTURAL STEEL SHALL CONFORM TO FOLLOWING:
STRUCTURAL STEEL PLATE SHAPES ASTM A572 GR 50 OR A572 GR 60
STRUCTURAL I, H, S, & HP SHAPES ASTM A588
ALL OTHER STRUCTURAL SHAPES ASTM A36
STEEL PIPE ASTM A53 GRADE B
STEEL TUBING ASTM A500 GRADE B
STEEL STUDS ASTM A305
- ALL STRUCTURAL STEEL SHALL BE DETAIL, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST PROVISIONS OF THE AISC MANUAL OF STEEL CONSTRUCTION.
- ALL STRUCTURAL CONNECTIONS NOT SPECIFICALLY DETAIL IN THE DRAWINGS SHALL BE DESIGNED TO RESIST FORCES AS INDICATED BY THE CONTRACTOR UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER (REGISTERED) IN THE STATE WHERE THE PROJECT IS LOCATED.
- WEARING SURF TYPE CONNECTIONS SHALL BE USED AT ALL SHEAR SHEAR CONNECTIONS, UNLESS OTHERWISE NOTED.
- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP AND ERECTION DRAWINGS OF ALL STEEL FOR ENGINEER'S REVIEW BEFORE FABRICATION. CONTRACTOR SHALL NOT ERECT ANY STRUCTURAL STEEL UNTIL THE SHOP DRAWINGS ARE REVIEWED BY THE ENGINEER AND ARE RECEIVED AT THE JOBSITE. SHOP AND ERECTION DRAWINGS SHALL CONTAIN ALL INFORMATION NECESSARY TO ERECT ALL STRUCTURAL STEEL IN THE FIELD WITHOUT HAVING TO REFER TO THE STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL NOT CONTAIN ANY REPRODUCTIONS OF THE STRUCTURAL DRAWINGS.
- ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED BY THE APPLICABLE AUTHORITY AND THE AMERICAN WELDING SOCIETY FOR THE TYPE OF WELDING MADE. ALL WELDS SHALL BE MADE & INSPECTED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1.
- ALL WELDS NOT SPECIFIED SHALL BE CONTINUOUS FILLET WELDS. SIZE OF WELD SHALL BE BASED ON AISC 308/360 FOR THICKNESS WELD JOINTS.
- ALL BRIDGE AND FULL PENETRATION GROOVE WELDS SHALL HAVE NON-DESTRUCTIVE TESTING PERFORMED BY OTHER ULTIMATE TESTING OR RADIOGRAPHY.
- STRUCTURAL STEEL SHALL BE WELDED WITH E70XX ELECTRODES.
- STRUCTURAL STEEL SHALL BE DELIVERED TO THE JOBSITE FREE OF EXCESS RUST, MILL SCALE, GREASE, ETC.
- IT IS THE RESPONSIBILITY OF THE ENGINEER THAT ALL CONNECTIONS SHALL BE SHOP-WELDED & FIELD BOLTED TO PREVENT EXCESSIVE DEFORMATION.
- ALL BOLTS SHALL BE 8 WAYS OF A570 A570-10 AND SHALL CONFORM TO ASTM A305 HIGH STRENGTH, WITH HOT NUTS & NUTS AS 1.4.0 ON THE DRAWINGS.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNLESS NOTED ON THE DRAWINGS.
- OPENINGS SHALL NOT BE ALLOWED IN STRUCTURAL STEEL UNLESS SPECIFICALLY DETAIL OR WITHOUT ENGINEER'S APPROVAL.
- ALL BOLTS, WELDERS & NUTS TO BE HOT DIPPED GALVANIZED.
- CONTRACTOR SHALL ALLOW 3 WEEKS MINIMUM FOR REVIEW OF ALL SHOP DRAWINGS.

FOUNDATION:

- FOUNDATIONS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF STRUCTURAL ENGINEERING, LLC. REPORT DATED NOVEMBER 13, 2019 REPORT #219-000. RELATED RECOMMENDATIONS IN THE REPORT SHALL BE FOLLOWED.
- IF FIELD CONDITIONS VARY ANALYZER ASSUMED BEARING CAPACITY, IS INADEQUATE, NOTIFY ENGINEER OF RECORD PRIOR TO START OF FOUNDATION CONSTRUCTION.
- IF THE REGISTERED GEOTECHNICAL ENGINEER OF RECORD SHALL BE RETAINED DURING CONSTRUCTION TO VERIFY FOUNDATION EXISTENCE, ASPECT AND MONITOR PLACEMENT OF CONTRACTED FILL AND TO MONITOR OPERATIONS, AS REQUIRED.

FRAME CONSTRUCTION:

- WOOD FRAMING AND COLUMNS 2" x 4" AND LARGER SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 1,500 PSI F_v = 185 PSI E = 1,500,000
F_b = 275 PSI F_v = 825 PSI E = 1,500,000
- WOOD FRAMING AND COLUMNS 2" x 4" THICK AND 2" x 4" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 1,100 PSI F_v = 175 PSI E = 1,400,000
F_b = 565 PSI F_v = 145 PSI E = 1,400,000
- WOOD FRAMING AND COLUMNS 2" x 4" THICK AND 5" x 8" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 1,000 PSI F_v = 175 PSI E = 1,400,000
F_b = 565 PSI F_v = 145 PSI E = 1,400,000
- WOOD FRAMING AND COLUMNS 2" x 4" THICK AND 6" x 6" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 915 PSI F_v = 155 PSI E = 1,400,000
F_b = 565 PSI F_v = 135 PSI E = 1,400,000
- WOOD FRAMING AND COLUMNS 2" x 4" THICK AND 10" x 10" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 805 PSI F_v = 175 PSI E = 1,400,000
F_b = 565 PSI F_v = 135 PSI E = 1,400,000
- WOOD FRAMING AND COLUMNS 2" x 4" THICK AND 12" x 12" WIDE SHALL BE NO. 2 STRESS RATED SOUTHERN PINE OR BETTER WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 700 PSI F_v = 175 PSI E = 1,400,000
F_b = 465 PSI F_v = 135 PSI E = 1,400,000
- 2" x 4" WALL STUDS AND PLATES SHALL BE SOUTHERN PINE IN STUD GRADE WITH:
F_b = 885 PSI & E = 1,300,000
- 2" x 4" WALL STUDS AND PLATES SHALL BE SOUTHERN PINE IN STUD GRADE WITH:
F_b = 575 PSI & E = 1,300,000
- ALL WOODLUMBER BEAMS SHALL BE AS MANUFACTURED BY TRUSS JOINT MANUFACTURER, INC. OR AN APPROVED EQUAL WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 2,000 PSI F_v = 225 PSI E = 2,000,000
F_b = 700 PSI F_v = 235 PSI E = 2,000,000
- ALL PARALLEL BEAMS SHALL BE AS MANUFACTURED BY TRUSS JOINT MANUFACTURER, INC. OR AN APPROVED EQUAL WITH THE MINIMUM FOLLOWING CHARACTERISTICS:
F_b = 2,000 PSI F_v = 225 PSI E = 2,000,000
F_b = 700 PSI F_v = 235 PSI E = 2,000,000
- PLYWOOD SHEATHING AS FOLLOWS:
A. ALL WALL, CEILING AND ROOF SHEATHING SHALL BE APA RATED SHEATHING, STRUCTURAL I OR II, EXTERIOR PLYWOOD.
B. ROOF SHEATHING SHALL BE 1" THICK MIN. PANEL IDENTIFICATION NO. 14, PLYWOOD LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS.
C. STAGGER JOINTS OF SHEETS.
D. PROVIDE BLOCKING AT EDGES OF ALL SHEAR WALL PANELS & ROOF SHEETS.
E. ROOF BREATHING MEMBRANE (GALVAL) 1" O.C. MAXIMUM SPACING MINIMUM 1" O.C. MAXIMUM SPACING INTERMEDIATE SUPPORTS.
F. USE MINIMUM 50 MILS.
- TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST SPECIFICATIONS & RECOMMENDATIONS OF THE DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED TRUSSES BY THE TRUSS PLATE ASSOCIATION (TPA).
- TRUSS MANUFACTURER SHALL SUBMIT FOR APPROVAL, CALCULATIONS & SHOP DRAWINGS FOR DETAIL, FABRICATION & ERECTION OF WOOD TRUSSES. DRAWINGS SHALL INCLUDE LAYOUT, SPACING, MATERIAL, MEMBER PROPERTIES, & DETAILS OF CONNECTIONS FOR ALL TRUSS FRAMING INDICATED ON THE DRAWINGS. TRUSSES SHALL BE DESIGNED TO RESIST THE FORCES AS INDICATED BY THE FABRICATOR UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
- TRUSS MANUFACTURER SHALL DESIGN FOR THE FOLLOWING SUPERIMPOSED LOADS:
ROOF TOP CHORD DEAD LOAD 10 PSF
ROOF TOP CHORD LIVE LOAD 20 PSF
BOTTOM CHORD DEAD LOAD 10 PSF
DESIGN ROOF TRUSSES TO RESIST A NET UPLIFT PRESSURE APPLIED NORMAL TO THE ROOF PLANE AS REQUIRED IN SECTION 1805 OF THE INTERNATIONAL BUILDING CODE.
- IN ADDITION, WOOD TRUSSES SHALL BE DESIGNED FOR ALL CONCENTRATED LOADS, HUNG FROM OR SUPPORTED ON TRUSSES, REFER TO MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS & SPECIFICATIONS FOR LOADING INFORMATION & LOCATIONS. LOADING AS REQUIRED BY OTHER SUB-CONTRACTORS, SUCH AS THE MECHANICAL SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.
- TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCES ON THE SUPPORTING STRUCTURE. PLUMBING BRACING FORCES SHALL BE TRANSMITTED TO THE ROOF DRAINAGE BY THE BRACING DESIGN PROVIDED BY THE TRUSS MANUFACTURER.
- ALL WOOD LUMBER IN CONTACT WITH STEEL, MASONRY, OR CONCRETE SHALL BE CORROSION TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVATION ASSOCIATION (AWPA) STANDARD C1-12. CCA RETENTION = 0.25 LB/FT².
- SALVAGE LUMBER SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE.
- CONNECTORS SHALL BE AS MANUFACTURED BY THE TAMPON STRONG-NE CO., INC. OR AN APPROVED EQUAL.
- ALL 12 JOINTS PARALLEL BEAMS SHALL BE AS MANUFACTURED BY TRUSS JOINT MANUFACTURER, INC. OR AN APPROVED EQUAL.
- ALL LUMBER AND WOOD STRUCTURAL PANEL MEMBERS INCLUDING PRESSURE TREATED 2" THICK AND LARGER SHALL CONTAIN NO MORE THAN TWO (2) INCHES OF MOISTURE AT THE TIME OF COMMENCEMENT OF CONSTRUCTION INTO STRUCTURE.

CONCRETE:

- CONCRETE SHALL BE DESIGNED BY A RECOGNIZED TESTING LABORATORY AND COPIES OF DESIGN MIX SUBMITTED TO THE ENGINEER. COMPRESSIVE TEST REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND ANY OTHER AGENCIES AS SPECIFIED BY LOCAL BUILDING CODE.
- ALL CONCRETE SHALL DEVELOP MINIMUM 3,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. ALL WELDED WIRE FABRIC (WFF) SHALL CONFORM TO ASTM A185.
- MINIMUM WFF LAP SHALL BE THE GREATER OF ONE CROSS WIRE SPACING PLUS 2 INCHES OR MINIMUM OF 6 INCHES.
- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND ITS REVISIONS.
- ALL REINFORCING SHALL BE DETAIL, FABRICATED AND PLACED IN ACCORDANCE WITH ACI STANDARDS. NO BENDING OR OVERLAPMENT SHALL BE ALLOWED UNLESS NOTED OR OTHERWISE APPROVED BY ENGINEER.
- NO SPACING OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAIL OR APPROVED BY THE STRUCTURAL ENGINEER. LAP SPACES WHERE PERMITTED SHALL BE CLASS B TENSION LAP SPACES. UNLESS ALL LAP SPACES CONTINUOUS AROUND CORNERS.
- SINGLE SPACES & WFF OF 4" x 4" FOR CONTINUOUS BARS IN ALL CONCRETE WORK, UNLESS OTHERWISE NOTED.
- PROVIDE (2) #5 BARS (1 EACH FACE) WITH WFF 2" x 2" PROTECTION AROUND ALL OPENINGS IN CONCRETE. UNLESS NOTED OTHERWISE.
- SLAB, WALL, AND FILL CURS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCED PLACED IN CAST IN PLACE CONCRETE:
A. CONCRETE PLACED AGAINST AND PERMANENTLY EXPOSED TO GROUND: 3 INCHES
B. FORMED CONCRETE EXPOSED TO GROUND OR WEATHER: 2 INCHES
#5 BARS AND SMALLER: 1.5 INCHES
C. CONCRETE NOT EXPOSED TO WEATHER AND IN CONTACT WITH GROUND: 1.5 INCHES
#4 AND #5 BARS: 1.5 INCHES
#6 BARS: 2 INCHES
#7 BARS: 2.5 INCHES
#8 BARS: 3 INCHES
#9 BARS: 3 INCHES
#10 BARS: 3 INCHES
#11 BARS: 3 INCHES
#12 BARS: 3 INCHES
#13 BARS: 3 INCHES
#14 BARS: 3 INCHES
#15 BARS: 3 INCHES
#16 BARS: 3 INCHES
#17 BARS: 3 INCHES
#18 BARS: 3 INCHES
#19 BARS: 3 INCHES
#20 BARS: 3 INCHES
#21 BARS: 3 INCHES
#22 BARS: 3 INCHES
#23 BARS: 3 INCHES
#24 BARS: 3 INCHES
#25 BARS: 3 INCHES
#26 BARS: 3 INCHES
#27 BARS: 3 INCHES
#28 BARS: 3 INCHES
#29 BARS: 3 INCHES
#30 BARS: 3 INCHES
#31 BARS: 3 INCHES
#32 BARS: 3 INCHES
#33 BARS: 3 INCHES
#34 BARS: 3 INCHES
#35 BARS: 3 INCHES
#36 BARS: 3 INCHES
#37 BARS: 3 INCHES
#38 BARS: 3 INCHES
#39 BARS: 3 INCHES
#40 BARS: 3 INCHES
#41 BARS: 3 INCHES
#42 BARS: 3 INCHES
#43 BARS: 3 INCHES
#44 BARS: 3 INCHES
#45 BARS: 3 INCHES
#46 BARS: 3 INCHES
#47 BARS: 3 INCHES
#48 BARS: 3 INCHES
#49 BARS: 3 INCHES
#50 BARS: 3 INCHES
#51 BARS: 3 INCHES
#52 BARS: 3 INCHES
#53 BARS: 3 INCHES
#54 BARS: 3 INCHES
#55 BARS: 3 INCHES
#56 BARS: 3 INCHES
#57 BARS: 3 INCHES
#58 BARS: 3 INCHES
#59 BARS: 3 INCHES
#60 BARS: 3 INCHES
#61 BARS: 3 INCHES
#62 BARS: 3 INCHES
#63 BARS: 3 INCHES
#64 BARS: 3 INCHES
#65 BARS: 3 INCHES
#66 BARS: 3 INCHES
#67 BARS: 3 INCHES
#68 BARS: 3 INCHES
#69 BARS: 3 INCHES
#70 BARS: 3 INCHES
#71 BARS: 3 INCHES
#72 BARS: 3 INCHES
#73 BARS: 3 INCHES
#74 BARS: 3 INCHES
#75 BARS: 3 INCHES
#76 BARS: 3 INCHES
#77 BARS: 3 INCHES
#78 BARS: 3 INCHES
#79 BARS: 3 INCHES
#80 BARS: 3 INCHES
#81 BARS: 3 INCHES
#82 BARS: 3 INCHES
#83 BARS: 3 INCHES
#84 BARS: 3 INCHES
#85 BARS: 3 INCHES
#86 BARS: 3 INCHES
#87 BARS: 3 INCHES
#88 BARS: 3 INCHES
#89 BARS: 3 INCHES
#90 BARS: 3 INCHES
#91 BARS: 3 INCHES
#92 BARS: 3 INCHES
#93 BARS: 3 INCHES
#94 BARS: 3 INCHES
#95 BARS: 3 INCHES
#96 BARS: 3 INCHES
#97 BARS: 3 INCHES
#98 BARS: 3 INCHES
#99 BARS: 3 INCHES
#100 BARS: 3 INCHES
#101 BARS: 3 INCHES
#102 BARS: 3 INCHES
#103 BARS: 3 INCHES
#104 BARS: 3 INCHES
#105 BARS: 3 INCHES
#106 BARS: 3 INCHES
#107 BARS: 3 INCHES
#108 BARS: 3 INCHES
#109 BARS: 3 INCHES
#110 BARS: 3 INCHES
#111 BARS: 3 INCHES
#112 BARS: 3 INCHES
#113 BARS: 3 INCHES
#114 BARS: 3 INCHES
#115 BARS: 3 INCHES
#116 BARS: 3 INCHES
#117 BARS: 3 INCHES
#118 BARS: 3 INCHES
#119 BARS: 3 INCHES
#120 BARS: 3 INCHES
#121 BARS: 3 INCHES
#122 BARS: 3 INCHES
#123 BARS: 3 INCHES
#124 BARS: 3 INCHES
#125 BARS: 3 INCHES
#126 BARS: 3 INCHES
#127 BARS: 3 INCHES
#128 BARS: 3 INCHES
#129 BARS: 3 INCHES
#130 BARS: 3 INCHES
#131 BARS: 3 INCHES
#132 BARS: 3 INCHES
#133 BARS: 3 INCHES
#134 BARS: 3 INCHES
#135 BARS: 3 INCHES
#136 BARS: 3 INCHES
#137 BARS: 3 INCHES
#138 BARS: 3 INCHES
#139 BARS: 3 INCHES
#140 BARS: 3 INCHES
#141 BARS: 3 INCHES
#142 BARS: 3 INCHES
#143 BARS: 3 INCHES
#144 BARS: 3 INCHES
#145 BARS: 3 INCHES
#146 BARS: 3 INCHES
#147 BARS: 3 INCHES
#148 BARS: 3 INCHES
#149 BARS: 3 INCHES
#150 BARS: 3 INCHES
#151 BARS: 3 INCHES
#152 BARS: 3 INCHES
#153 BARS: 3 INCHES
#154 BARS: 3 INCHES
#155 BARS: 3 INCHES
#156 BARS: 3 INCHES
#157 BARS: 3 INCHES
#158 BARS: 3 INCHES
#159 BARS: 3 INCHES
#160 BARS: 3 INCHES
#161 BARS: 3 INCHES
#162 BARS: 3 INCHES
#163 BARS: 3 INCHES
#164 BARS: 3 INCHES
#165 BARS: 3 INCHES
#166 BARS: 3 INCHES
#167 BARS: 3 INCHES
#168 BARS: 3 INCHES
#169 BARS: 3 INCHES
#170 BARS: 3 INCHES
#171 BARS: 3 INCHES
#172 BARS: 3 INCHES
#173 BARS: 3 INCHES
#174 BARS: 3 INCHES
#175 BARS: 3 INCHES
#176 BARS: 3 INCHES
#177 BARS: 3 INCHES
#178 BARS: 3 INCHES
#179 BARS: 3 INCHES
#180 BARS: 3 INCHES
#181 BARS: 3 INCHES
#182 BARS: 3 INCHES
#183 BARS: 3 INCHES
#184 BARS: 3 INCHES
#185 BARS: 3 INCHES
#186 BARS: 3 INCHES
#187 BARS: 3 INCHES
#188 BARS: 3 INCHES
#189 BARS: 3 INCHES
#190 BARS: 3 INCHES
#191 BARS: 3 INCHES
#192 BARS: 3 INCHES
#193 BARS: 3 INCHES
#194 BARS: 3 INCHES
#195 BARS: 3 INCHES
#196 BARS: 3 INCHES
#197 BARS: 3 INCHES
#198 BARS: 3 INCHES
#199 BARS: 3 INCHES
#200 BARS: 3 INCHES
#201 BARS: 3 INCHES
#202 BARS: 3 INCHES
#203 BARS: 3 INCHES
#204 BARS: 3 INCHES
#205 BARS: 3 INCHES
#206 BARS: 3 INCHES
#207 BARS: 3 INCHES
#208 BARS: 3 INCHES
#209 BARS: 3 INCHES
#210 BARS: 3 INCHES
#211 BARS: 3 INCHES
#212 BARS: 3 INCHES
#213 BARS: 3 INCHES
#214 BARS: 3 INCHES
#215 BARS: 3 INCHES
#216 BARS: 3 INCHES
#217 BARS: 3 INCHES
#218 BARS: 3 INCHES
#219 BARS: 3 INCHES
#220 BARS: 3 INCHES
#221 BARS: 3 INCHES
#222 BARS: 3 INCHES
#223 BARS: 3 INCHES
#224 BARS: 3 INCHES
#225 BARS: 3 INCHES
#226 BARS: 3 INCHES
#227 BARS: 3 INCHES
#228 BARS: 3 INCHES
#229 BARS: 3 INCHES
#230 BARS: 3 INCHES
#231 BARS: 3 INCHES
#232 BARS: 3 INCHES
#233 BARS: 3 INCHES
#234 BARS: 3 INCHES
#235 BARS: 3 INCHES
#236 BARS: 3 INCHES
#237 BARS: 3 INCHES
#238 BARS: 3 INCHES
#239 BARS: 3 INCHES
#240 BARS: 3 INCHES
#241 BARS: 3 INCHES
#242 BARS: 3 INCHES
#243 BARS: 3 INCHES
#244 BARS: 3 INCHES
#245 BARS: 3 INCHES
#246 BARS: 3 INCHES
#247 BARS: 3 INCHES
#248 BARS: 3 INCHES
#249 BARS: 3 INCHES
#250 BARS: 3 INCHES
#251 BARS: 3 INCHES
#252 BARS: 3 INCHES
#253 BARS: 3 INCHES
#254 BARS: 3 INCHES
#255 BARS: 3 INCHES
#256 BARS: 3 INCHES
#257 BARS: 3 INCHES
#258 BARS: 3 INCHES
#259 BARS: 3 INCHES
#260 BARS: 3 INCHES
#261 BARS: 3 INCHES
#262 BARS: 3 INCHES
#263 BARS: 3 INCHES
#264 BARS: 3 INCHES
#265 BARS: 3 INCHES
#266 BARS: 3 INCHES
#267 BARS: 3 INCHES
#268 BARS: 3 INCHES
#269 BARS: 3 INCHES
#270 BARS: 3 INCHES
#271 BARS: 3 INCHES
#272 BARS: 3 INCHES
#273 BARS: 3 INCHES
#274 BARS: 3 INCHES
#275 BARS: 3 INCHES
#276 BARS: 3 INCHES
#277 BARS: 3 INCHES
#278 BARS: 3 INCHES
#279 BARS: 3 INCHES
#280 BARS: 3 INCHES
#281 BARS: 3 INCHES
#282 BARS: 3 INCHES
#283 BARS: 3 INCHES
#284 BARS: 3 INCHES
#285 BARS: 3 INCHES
#286 BARS: 3 INCHES
#287 BARS: 3 INCHES
#288 BARS: 3 INCHES
#289 BARS: 3 INCHES
#290 BARS: 3 INCHES
#291 BARS: 3 INCHES
#292 BARS: 3 INCHES
#293 BARS: 3 INCHES
#294 BARS: 3 INCHES
#295 BARS: 3 INCHES
#296 BARS: 3 INCHES
#297 BARS: 3 INCHES
#298 BARS: 3 INCHES
#299 BARS: 3 INCHES
#300 BARS: 3 INCHES
#301 BARS: 3 INCHES
#302 BARS: 3 INCHES
#303 BARS: 3 INCHES
#304 BARS: 3 INCHES
#305 BARS: 3 INCHES
#306 BARS: 3 INCHES
#307 BARS: 3 INCHES
#308 BARS: 3 INCHES
#309 BARS: 3 INCHES
#310 BARS: 3 INCHES
#311 BARS: 3 INCHES
#312 BARS: 3 INCHES
#313 BARS: 3 INCHES
#314 BARS: 3 INCHES
#315 BARS: 3 INCHES
#316 BARS: 3 INCHES
#317 BARS: 3 INCHES
#318 BARS: 3 INCHES
#319 BARS: 3 INCHES
#320 BARS: 3 INCHES
#321 BARS: 3 INCHES
#322 BARS: 3 INCHES
#323 BARS: 3 INCHES
#324 BARS: 3 INCHES
#325 BARS: 3 INCHES
#326 BARS: 3 INCHES
#327 BARS: 3 INCHES
#328 BARS: 3 INCHES
#329 BARS: 3 INCHES
#330 BARS: 3 INCHES
#331 BARS: 3 INCHES
#332 BARS: 3 INCHES
#333 BARS: 3 INCHES
#334 BARS: 3 INCHES
#335 BARS: 3 INCHES
#336 BARS: 3 INCHES
#337 BARS: 3 INCHES
#338 BARS: 3 INCHES
#339 BARS: 3 INCHES
#340 BARS: 3 INCHES
#341 BARS: 3 INCHES
#342 BARS: 3 INCHES
#343 BARS: 3 INCHES
#344 BARS: 3 INCHES
#345 BARS: 3 INCHES
#346 BARS: 3 INCHES
#347 BARS: 3 INCHES
#348 BARS: 3 INCHES
#349 BARS: 3 INCHES
#350 BARS: 3 INCHES
#351 BARS: 3 INCHES
#352 BARS: 3 INCHES
#353 BARS: 3 INCHES
#354 BARS: 3 INCHES
#355 BARS: 3 INCHES
#356 BARS: 3 INCHES
#357 BARS: 3 INCHES
#358 BARS: 3 INCHES
#359 BARS: 3 INCHES
#360 BARS: 3 INCHES
#361 BARS: 3 INCHES
#362 BARS: 3 INCHES
#363 BARS: 3 INCHES
#364 BARS: 3 INCHES
#365 BARS: 3 INCHES
#366 BARS: 3 INCHES
#367 BARS: 3 INCHES
#368 BARS: 3 INCHES
#369 BARS: 3 INCHES
#370 BARS: 3 INCHES
#371 BARS: 3 INCHES
#372 BARS: 3 INCHES
#373 BARS: 3 INCHES
#374 BARS: 3 INCHES
#375 BARS: 3 INCHES
#376 BARS: 3 INCHES
#377 BARS: 3 INCHES
#378 BARS: 3 INCHES
#379 BARS: 3 INCHES
#380 BARS: 3 INCHES
#381 BARS: 3 INCHES
#382 BARS: 3 INCHES
#383 BARS: 3 INCHES
#384 BARS: 3 INCHES
#385 BARS: 3 INCHES
#386 BARS: 3 INCHES
#387 BARS: 3 INCHES
#388 BARS: 3 INCHES
#389 BARS: 3 INCHES
#390 BARS: 3 INCHES
#391 BARS: 3 INCHES
#392 BARS: 3 INCHES
#393 BARS: 3 INCHES
#394 BARS: 3 INCHES
#395 BARS: 3 INCHES
#396 BARS: 3 INCHES
#397 BARS: 3 INCHES
#398 BARS: 3 INCHES
#399 BARS: 3 INCHES
#400 BARS: 3 INCHES
#401 BARS: 3 INCHES
#402 BARS: 3 INCHES
#403 BARS: 3 INCHES
#404 BARS: 3 INCHES
#405 BARS: 3 INCHES
#406 BARS: 3 INCHES
#407 BARS: 3 INCHES
#408 BARS: 3 INCHES
#409 BARS: 3 INCHES
#410 BARS: 3 INCHES
#411 BARS: 3 INCHES
#412 BARS: 3 INCHES
#413 BARS: 3 INCHES
#414 BARS: 3 INCHES
#415 BARS: 3 INCHES
#416 BARS: 3 INCHES
#417 BARS: 3 INCHES
#418 BARS: 3 INCHES
#419 BARS: 3 INCHES
#420 BARS: 3 INCHES
#421 BARS: 3 INCHES
#422 BARS: 3 INCHES
#423 BARS: 3 INCHES
#424 BARS: 3 INCHES
#425 BARS: 3 INCHES
#426 BARS: 3 INCHES
#427 BARS: 3 INCHES
#428 BARS: 3 INCHES
#429 BARS: 3 INCHES
#430 BARS: 3 INCHES
#431 BARS: 3 INCHES
#432 BARS: 3 INCHES
#433 BARS: 3 INCHES
#434 BARS: 3 INCHES
#435 BARS: 3 INCHES
#436 BARS: 3 INCHES
#437 BARS: 3 INCHES
#438 BARS: 3 INCHES
#439 BARS: 3 INCHES
#440 BARS: 3 INCHES
#441 BARS: 3 INCHES
#442 BARS: 3 INCHES
#443 BARS: 3 INCHES
#444 BARS: 3 INCHES
#445 BARS: 3 INCHES
#446 BARS: 3 INCHES
#447 BARS: 3 INCHES
#448 BARS: 3 INCHES
#449 BARS: 3 INCHES
#450 BARS: 3 INCHES
#451 BARS: 3 INCHES
#452 BARS: 3 INCHES
#453 BARS: 3 INCHES
#454 BARS: 3 INCHES
#455 BARS: 3 INCHES
#456 BARS: 3 INCHES
#457 BARS: 3 INCHES
#458 BARS: 3 INCHES
#459 BARS: 3 INCHES
#460 BARS: 3 INCHES
#461 BARS: 3 INCHES
#462 BARS: 3 INCHES
#463 BARS: 3 INCHES
#464 BARS: 3 INCHES
#465 BARS: 3 INCHES
#466 BARS: 3 INCHES
#467 BARS: 3 INCHES
#468 BARS: 3 INCHES
#469 BARS: 3 INCHES
#470 BARS: 3 INCHES
#471 BARS: 3 INCHES
#472 BARS: 3 INCHES
#473 BARS: 3 INCHES
#474 BARS: 3 INCHES
#475 BARS: 3 INCHES
#476 BARS: 3 INCHES
#477 BARS: 3 INCHES
#478 BARS: 3 INCHES
#479 BARS: 3 INCHES
#480 BARS: 3 INCHES
#481 BARS: 3 INCHES
#482 BARS: 3 INCHES
#483 BARS: 3 INCHES
#484 BARS: 3 INCHES
#485 BARS: 3 INCHES
#486 BARS: 3 INCHES
#487 BARS: 3 INCHES
#488 BARS: 3 INCHES
#489 BARS: 3 INCHES
#490 BARS: 3 INCHES
#491 BARS: 3 INCHES
#492 BARS: 3 INCHES
#493 BARS: 3 INCHES
#494 BARS: 3 INCHES
#495 BARS: 3 INCHES
#496 BARS: 3 INCHES
#497 BARS: 3 INCHES
#498 BARS: 3 INCHES
#499 BARS: 3 INCHES
#500 BARS: 3 INCHES
#501 BARS: 3 INCHES
#502 BARS: 3 INCHES
#503 BARS: 3 INCHES
#504 BARS: 3 INCHES
#505 BARS: 3 INCHES
#506 BARS: 3 INCHES
#507 BARS: 3 INCHES
#508 BARS: 3 INCHES
#509 BARS: 3 INCHES
#510 BARS: 3 INCHES
#511 BARS: 3 INCHES
#512 BARS: 3 INCHES
#513 BARS: 3 INCHES
#514 BARS: 3 INCHES
#515 BARS: 3 INCHES
#516 BARS: 3 INCHES
#517 BARS: 3 INCHES
#518 BARS: 3 INCHES
#519 BARS: 3 INCHES
#520 BARS: 3 INCHES
#521 BARS: 3 INCHES
#522 BARS: 3 INCHES
#523 BARS: 3 INCHES
#524 BARS: 3 INCHES
#525 BARS: 3 INCHES
#526 BARS: 3 INCHES
#527 BARS: 3 INCHES
#528 BARS: 3 INCHES
#529 BARS: 3 INCHES
#530 BARS: 3 INCHES
#531 BARS: 3 INCHES
#532 BARS: 3 INCHES
#533 BARS: 3 INCHES
#534 BARS: 3 INCHES
#535 BARS: 3 INCHES
#536 BARS: 3 INCHES
#537 BARS: 3 INCHES
#538 BARS: 3 INCHES
#539 BARS: 3 INCHES
#540 BARS: 3 INCHES
#541 BARS: 3 INCHES
#542 BARS: 3 INCHES
#543 BARS: 3 INCHES
#544 BARS: 3 INCHES
#545 BARS: 3 INCH

JOIST, GIRD, METAL FRAMING

- ALL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON & STEEL INSTITUTE (AISI) SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION. ALL JOIST GIRD COMPONENTS SHALL BE AS MANUFACTURED BY SAMPSON STRONG-IRON OR APPROVED EQUAL. ALL JOIST NUMBERS, TRUSS TYPES, ETC. ARE SHOWN ON SHEET, STRONG-IRON PRODUCT.
- THE GARDENS OF THE SUBMITTAL ARE LIMITED TO THE REVIEW OF THE STRUCTURAL APPLICATION OF THE COLD FORMED STEEL FRAMING COMPONENTS. DIMENSIONS SHOWN HEREIN ARE FOR REFERENCE PURPOSES ONLY. ACTUAL HEIGHTS, LENGTHS, SPACING, CORNER & JOINT CONNECTIONS, ETC. SHALL BE DETERMINED FROM THE CONTRACT DOCUMENTS & COORDINATED WITH THE WORK OF OTHER TRADES.
- ADEQUACY OF THE PRIMARY STRUCTURE FOR JOIST IMPOSED BY THE COLD FORMED FRAMING SYSTEM IS NOT THE RESPONSIBILITY OF THE JOIST GIRD CONTRACTOR.
- DESIGN BASED ON LATERAL DEFLECTION DUE TO APPLIED LOAD 1/100TH OF SPAN LENGTH IN ACCORDANCE TO INDUSTRY STANDARDS.
- ALL FRAMING MEMBERS SHALL BE FORMED FROM A CORROSION-RESISTANT STEEL OR (Z275) COATING CORRESPONDING TO THE REQUIREMENTS OF ASTM A593 WITH A MINIMUM YIELD STRENGTH OF:
F_y = 33 KSI (18 DAUGHT AND LIGHTER)
F_y = 30 KSI (14 DAUGHT AND HEAVIER)
- ALL STRUCTURAL MEMBERS TO HAVE A MIN. 1/4" PLATE G.L.D.
ALL STRUCTURAL TRUSS MEMBERS SHALL HAVE A MIN. 1/4" PLATE G.L.D.
- FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL JOIST GIRD (JOIST) FRAMING AND TRUSSES NOT OTHERWISE DETAILING ON THE CONTRACT DOCUMENTS UNDER THE CLOSE SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
- CONTRACTOR SHALL SUBMIT FOR APPROVAL, CALCULATIONS AND SHOP DRAWINGS FOR DETAILS, FABRICATION AND ERECTION OF JOIST GIRD (JOIST) FRAMING & TRUSSES. DRAWINGS SHALL INCLUDE: JOIST, GIRD, TRUSS, MEMBER PROFILES, & DETAILS OF CONNECTIONS FOR ALL JOIST GIRD FRAMING MEMBERS & TRUSSES INDICATED ON THE DRAWING.
- CONNECTIONS:
 - FACTORS OF COMPONENTS SHALL BE BY SELF DRILLING/TAPPING SCREWS OR WELDS IN ACCORDANCE WITH AISC 310 OR AISC 313 AS APPROPRIATE TO MATERIAL THICKNESS.
 - UNLESS NOTED OTHERWISE, REFER TO LITERATURE PUBLISHED BY SAMPSON STRONG-IRON FOR CONCRETE, REINFORCED & POWER ACTIVATED FASTENERS (PAF) JOINT CURING CAPACITIES & INSTALLATION REQUIREMENTS.
 - PRE-DRILLING OF CONCRETE SHALL BE IN STRICT ACCORDANCE WITH SAMPSON STRONG-IRON'S PRINTED INSTRUCTIONS.
 - PAF'S FOR ATTACHMENT OF HOT ROLLED STEEL COMPONENTS SHALL POSSESS KNURLED SHANKS, FULL 180° PENETRATION THROUGH THE STEEL COMPONENT IS REQUIRED. A 2" MIN. EDGE DISTANCE SHALL BE MAINTAINED.
 - ALL PAF'S SHALL HAVE A MIN. SHANK DIAMETER OF 0.140" USED IN THE ACCOMPANYING DETAILS.
 - PAF'S SHALL BEAR TO THE SURFACE OF THE ATTACHED MASONRY. PROVIDE PAF'S IN MASONRY, STEEL MEMBERS TO AVOID THE FULL-OUT CAPACITY OF THE BASE STEEL WHERE NOTED IN THE ACCOMPANYING DETAILS.
 - UNLESS NOTED OTHERWISE, REFER TO THE LITERATURE PUBLISHED BY SAMPSON STRONG-IRON FOR SELF-DRILLING SCREW GASKET, CURING CAPACITIES, & INSTALLATION REQUIREMENTS. SCREW PENETRATION THROUGH MASONRY MATERIALS SHALL NOT BE LESS THAN (2) EXPOSED THREADS. GASKET GASKETS WITH ANTI-CORROSION LUBRICANT UP TO AVOID CORROSION. THE TOTAL THICKNESS TO BE DRILLED SHALL BE 1/2" MIN. ALL MUST BE COMPLETED BEFORE THE TRUSS OR GIRD IS INSTALLED. PROVIDE A MIN. 1" SPACING FROM THE LINE OF DRILLING TO CENTERLINE OF SCREW AND A MIN. SPACING OF 1" BETWEEN SCREWS ALONG THE LINE OF DRILLING. THE TRUSS OR GIRD COMPONENT MUST BE PENETRATED FIRST.
 - WELDED CONNECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC 313 SPECIFICATION FOR WELDING STEEL IN STRUCTURES. CURRENTLY, THIS SPECIFICATION HAS WELDED END COUPLER STEELS, DISCUSSING ARC WELDING PROCEDURES & SAFE PRACTICES. WHATEVER WELDING PROCEDURE, (CONVENTION AS TO WELD SYMBOLS), MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.1.
- FABRICATED HORIZONTAL OR DIAGONAL TIE BRACING SHALL BE REQUIRED TO PREVENT BUCKLING OF MEMBER WHERE BRACING APPLIED TO MEMBER IS NOT PRESENT OR NECESSARY TO BRACE MEMBER.
- STEEL SHALL BE PLUMBED, FINISHED, & SEPARATELY ATTACHED TO BOTH TOP & BOTTOM TRACKS. SPACES IN STUDS ARE NOT PERMITTED.

CONCRETE, MASONRY, UNITS, JOINTS

- HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO NEW ONE SPECIFICATIONS, NORMAL WEIGHT, TYPE I, GRADE N.
- COMPOSITION, QUALITY, STORAGE, HANDLING, PREPARATION AND PLACEMENT OF MATERIALS, QUALITY INSURANCE, FOR REPAIRS & MASONRY & CONSTRUCTION OF MASONRY SHALL COMPLY WITH ALL 2015-2016, A.P.A. & A.C.I. QUALITY ASSURANCE PROGRAM SHALL BE USED TO ENSURE THAT THE CONSTRUCTED MASONRY IS IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
- SPECIFIED COMPRESSIVE STRENGTH OF MASONRY:
 - 8" NOMINAL DEPTH UNITS (F.W.) SHALL BE A MINIMUM OF 1,500 PSI.
 - 12" NOMINAL DEPTH UNITS (F.W.) SHALL BE A MINIMUM OF 1,500 PSI.
- MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS:
 - 8" NOMINAL DEPTH UNITS SHALL BE 1,500 PSI.
 - 12" NOMINAL DEPTH UNITS SHALL BE 1,500 PSI.
- ALL MASONRY USED IN MASONRY SHALL CONFORM TO ASTM C270, TYPE M OR S. ALL GROUT FILL FOR USE IN MASONRY SHALL CONFORM TO ASTM C109, WITH MINIMUM COMPRESSIVE STRENGTH 3,000 PSI.
- ALL REINFORCEMENT FOR USE IN MASONRY CONSTRUCTION SHALL CONFORM TO ASTM A618, GRADE 60.
- ALL REINFORCED MASONRY HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL CONFORM TO ASTM A618.
- ALL PLUMBING HORIZONTAL REINFORCEMENT IN CMU WALLS SHALL CONFORM TO ASTM A618 OR EQUIV. STEEL.
- MASONRY IS TO BE Laid IN ACCORDANCE WITH LATEST ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE, SECTION 2101.1 AND TABLE 2101.1.1 (1) OR AS APPROVED GOVERNING CODES. THE "N" MASONRY SYMBOLS SHALL BE USED AS SHOWN.
- VERTICAL & HORIZONTAL REINFORCEMENT IS TO BE CONTINUOUS AND LAPPED A MIN. OF 48 BAR DIAMETERS.
- WORKING WALLS SHALL BE ADEQUATELY BRACED DURING CONSTRUCTION TO WITHSTAND WIND LOADS. BRACING SHALL REMAIN IN PLACE UNTIL ROOF FRAMING IS COMPLETELY INSTALLED AND CAPABLE OF PROVIDING LATERAL SUPPORT.
- ALL MASONRY G.W. WALLS SHALL BE Laid IN PLUMBING BEING IN ACCORDANCE WITH AISC 310-12.
- VERTICAL REINFORCEMENT FOR CMU WALLS TO BE PLACED IN CENTER OF WALL UNLESS OTHERWISE NOTED ON THE DRAWING. PROVIDE ALL ACCESSORIES AS REQUIRED TO SUPPORT WALL & CONNECTIONS AS NOTED.
- CONTRACTOR MUST FILL ALL REINFORCED CELLS AND ALL CELLS WITH GROUT.

ROOF, DECK

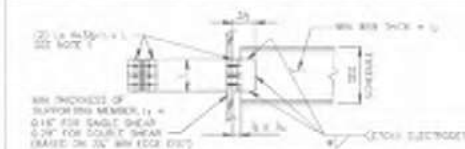
- STEEL DECK SHALL BE ERECTED IN ACCORDANCE WITH MANUFACTURER'S AND STEEL JOIST INSTITUTE RECOMMENDATIONS AND SPECIFICATION.
- STEEL DECK PROPERTIES AND ATTACHMENTS SHALL BE IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS.
- STEEL DECK SHALL BE AS MANUFACTURED BY VALMONT, A DIVISION OF HANCO, INC. OR AN APPROVED EQUAL.
- VALMONT SHALL CONFORM TO ASTM A524-14 WITH A MINIMUM CORROSIVE CLASS OF (B-4).
- DECK TO BE INSTALLED CONTINUOUS OVER A MIN. OF (2) SUPPORTS.
- JOIST GASKET, METAL FRAMING, SUSPENDED CEILING, LIGHT FIXTURES, DUCTS AND OTHER UTILITIES SHALL NOT BE SUPPORTED BY METAL ROOF DECK.
- PROVIDE MIN. 1/4" PLATE FRAMING AROUND ALL OPENINGS LARGER THAN 4" FOR ROOF TOP MECHANICAL UNITS.
- ROOF DECK:
 - STEEL DECK SHALL BE 18" X 22" GAGE, INTERMEDIATE RIBS ORIMAGED, USE VALMONT TYPE 1 (180) OR APPROVED EQUAL.
 - STEEL ROOF DECK SHALL BE SECURED WITH SAMPSON STRONG-IRON XL LARGE HEAD METAL SCREWS (1/4" HEX HEAD) & 1/4" x 1/4" (STEEL DECK RIB IN THE FIELD OF THE ROOF, THE ROOF PERIMETER & ALL CORNER AREAS (1/4" x 1/4") BE PLUGGED WELDED BULGED.

STRUCTURAL STEEL GENERAL NOTES

CONNECTIONS

- UNLESS SPECIFICALLY NOTED ON THE DRAWING, SHOP CONNECTIONS MAY BE ASSEMBLED BY EITHER BOLTING OR WELDING. IF SHOP CONNECTIONS ARE BOLTED, CONNECTIONS SHALL BE SHOP ASSEMBLED AFTER UNLOADING ON SCHEDULED STEEL.
- FIELD CONNECTIONS FOR PRIMARY STRUCTURAL MEMBERS SHALL BE BOLTED WITH HIGH STRENGTH BOLTS CONFORMING TO ASTM A 325 UNLESS OTHERWISE SHOWN ON THE DRAWING. HIGH STRENGTH BOLTED CONNECTIONS SHALL BE CLEARLY INDICATED ON THE ERECTION DRAWINGS.
- FIELD CONNECTIONS FOR SECONDARY STRUCTURAL MEMBERS (TRUSSES, GIRTS, CHAM BRACING, STAIR BRACING, TIE BOLTS, WINDING, LUGGERS, ETC.) SHALL BE BOLTED WITH HIGH STRENGTH BOLTS CONFORMING TO ASTM A 325, UNLESS OTHERWISE SHOWN ON THE DRAWING.
- HIGH STRENGTH BOLTS ASTM A 325 SHALL BE 3/4" HIGH DIAMETER WITH THE FOLLOWING EXCEPTIONS: HIGH STRENGTH BOLTS ASTM A 325 FOR STAIR BRACING, WINDING, LUGGERS AND TIE BOLTS SHALL BE 5/8" HIGH DIAMETER.
- ANCHOR BOLTS & 3/4" FOR OTHER TRACES SHALL BE 3/8" HIGH DIAMETER.
- THICKNESS OF GUSSET AND SPOTTER PLATES, IF NOT CALLED FOR ON THE DRAWING, SHALL BE 3/8" HIGH MINIMUM.
- WORKING POINTS FOR BRACING CONNECTIONS SHALL BE AS SHOWN ON THE DRAWING.
- BRACING CONNECTIONS SHALL HAVE 2 BOLTS MINIMUM FOR WIND BRACING AND 4 BOLTS MINIMUM FOR STRUCTURAL TIE AND WIND BRACING UNLESS NOTED OTHERWISE ON THE DRAWING.
- WHEN CONNECTION DETAILS OR DESIGN VALUES ARE NOT SHOWN ON THE DRAWING, THE CONNECTION SHALL BE DESIGNED AS FOLLOWS:
 - BEAMS SHALL BE DETAILING FOR A CONNECTION CAPACITY (BASED ON BEAM LENDING) EQUAL TO OR GREATER THAN ONE-HALF THE LOADS INDICATED IN THE AISC MANUAL OR STEEL CONNECTION TABLES ON PAGES 2-17, TABLE 2-14.3 AND 2-14.4 (IF ANY). THE CONNECTION CAPACITY IS LESS THAN THAT OF THE BRACING CONNECTION SHOWN ON THIS DRAWING IN THE STANDARD SIMPLE BEAM CONNECTIONS CHART.
 - BRACING CONNECTIONS SHALL NORMALLY BE DETAILING AND THE DETAIL SHALL SHOW THE REQUIRED NUMBER OF BOLTS AND SIZE OF GUSSET PLATES. BOLTS IN CASE WHERE LOAD OR DESIGN INFORMATION IS NOT GIVEN, BOLTS SHALL BE 3/4" HIGH DIAMETER. THE BRACING CONNECTION IS DEVELOPED THE REMAINING CAPACITY OF THE MEMBER BASED ON A DESIGN AREA EQUAL TO THE REMAINING CAPACITY PLUS ONE-HALF OF THE UNDESIGNED PART.
- ALL HIGH STRENGTH BOLTED CONNECTIONS SHALL BE BRACED TYPE WITH THREATS INCLUDED IN THE SHEAR PLANE EXCEPT FOR BRACES, TRUSSES, JOINTS, JOINTS CONNECTIONS, BRACES, GUSSET JOINTS CONNECTIONS AND VERTICAL STRUCTURES WHICH SHALL BE SHOP DRILLING CLASS B.

STANDARD SIMPLE BEAM CONNECTIONS



BEAM DEPTH (IN.)	NUMBER OF BOLTS IN WEBSIDE	MIN. WEB THICKNESS (IN.)	MIN. FLANGE THICKNESS (IN.)	DESIGN VALUE (KIP)
24	12	1/2	1/2	100
30	12	1/2	1/2	125
36	12	1/2	1/2	150
42	12	1/2	1/2	175
48	12	1/2	1/2	200
54	12	1/2	1/2	225
60	12	1/2	1/2	250
66	12	1/2	1/2	275
72	12	1/2	1/2	300
78	12	1/2	1/2	325
84	12	1/2	1/2	350
90	12	1/2	1/2	375
96	12	1/2	1/2	400
102	12	1/2	1/2	425
108	12	1/2	1/2	450
114	12	1/2	1/2	475
120	12	1/2	1/2	500
126	12	1/2	1/2	525
132	12	1/2	1/2	550
138	12	1/2	1/2	575
144	12	1/2	1/2	600
150	12	1/2	1/2	625
156	12	1/2	1/2	650
162	12	1/2	1/2	675
168	12	1/2	1/2	700
174	12	1/2	1/2	725
180	12	1/2	1/2	750
186	12	1/2	1/2	775
192	12	1/2	1/2	800
198	12	1/2	1/2	825
204	12	1/2	1/2	850
210	12	1/2	1/2	875
216	12	1/2	1/2	900
222	12	1/2	1/2	925
228	12	1/2	1/2	950
234	12	1/2	1/2	975
240	12	1/2	1/2	1000

- NOTES:
- USE 3 IN. OUTSTANDING LEGS FOR FRAMING TO 810 & 815 COLUMN WEBS. USE 1/4" FOR FRAMING TO 815 COLUMN WEBS. USE 3 IN. OUTSTANDING LEGS FOR FRAMING TO COLUMN FLANGES LESS THAN 8 IN. WEB.
 - WHEN WEB THICKNESS IS LESS THAN MINIMUM SHOWN, REDUCE MAXIMUM SHEAR (BASED ON DIRECT PROPORTION).
 - WHEN WEB THICKNESS IS EXCEEDED 3/4" IN USE 3/4" IN FLUET. WHEN WEB THICKNESS IS EXCEEDED 1/2" IN USE 1/2" IN FLUET & 1/2" IN FLUET.
 - NO REDUCTION IN MOMENT RESISTANCE OR DIMENSIONS SHALL BE USED FOR CONNECTIONS & 5 SHAPES. ASTM A 992 (OR SHAPES) BOLTS ASTM A 325 HIGH STRENGTH BOLTS WITH FLANGES IN SHEAR PLANE.
 - HOLES SLOTTED HOLES ARE NOT PERMITTED UNLESS NOTED ON THE DRAWING. REFERENCES: AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN.

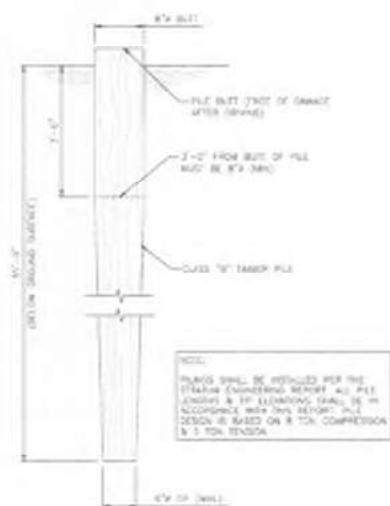
PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SUDELL, LOUISIANA 70456
ST. TAMMANY PARISH

REVISIONS

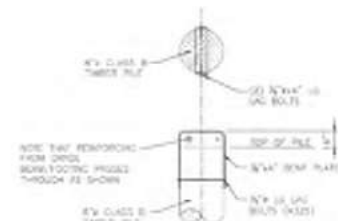


FILE: 4702
DATE: JUNE 21, 2024
SHEET: 50.1B
GENERAL NOTES

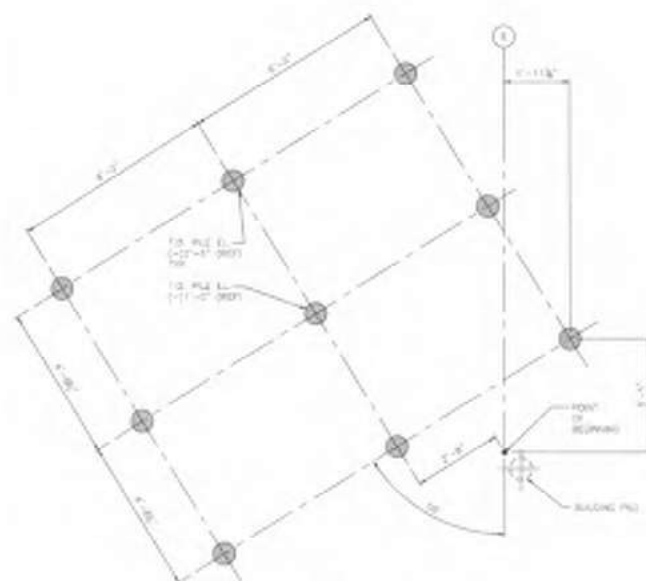




PILE DETAIL
SCALE: 1" = 1'-0"

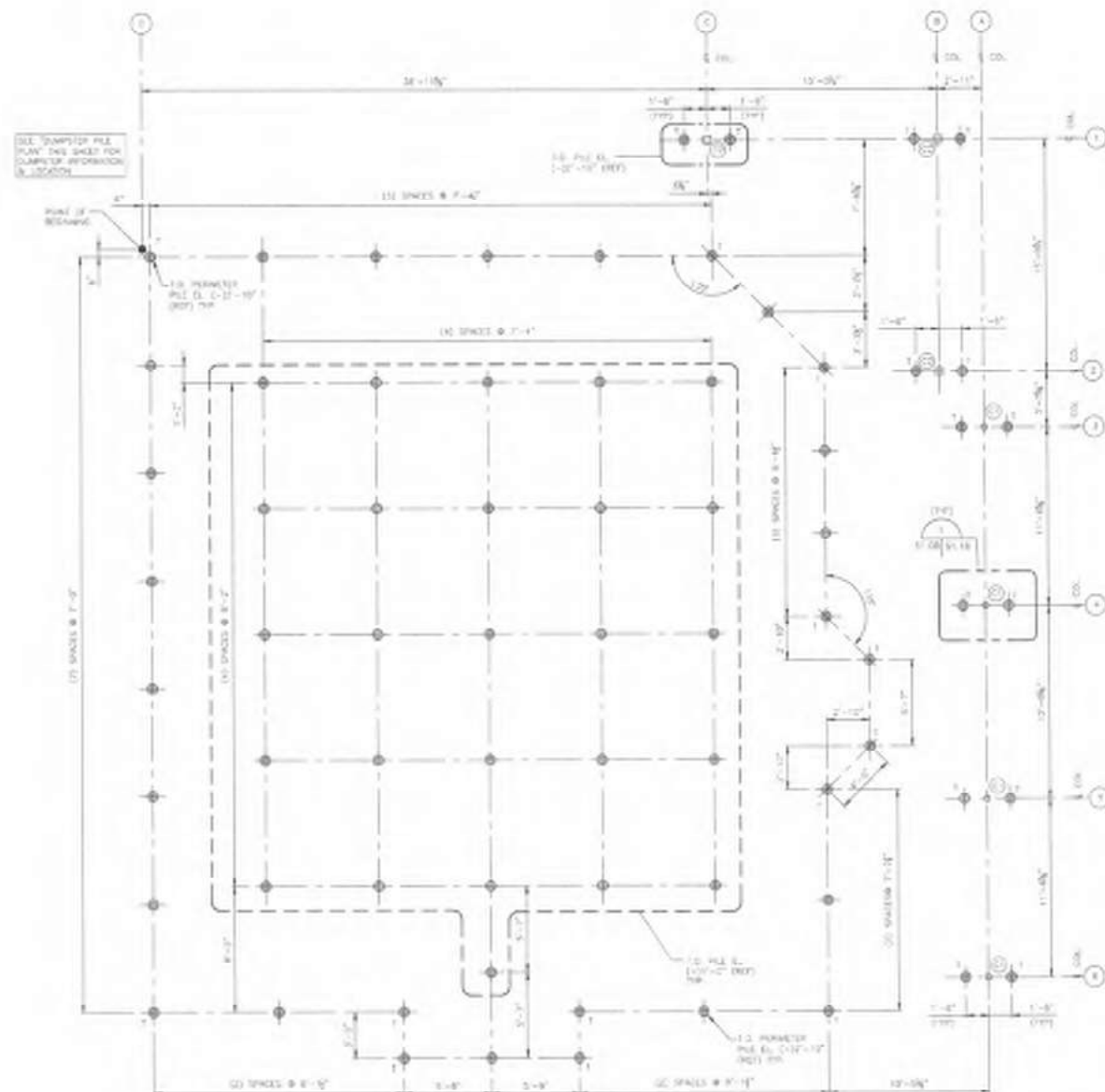


TENSION PILE DETAIL
SCALE: 1" = 1'-0"



DUMPER PILE PLAN
SCALE: 1" = 1'-0"

- = 8" CLASS B TENSION PILE (TYP)
- = TENSION PILE



DLE PLAN
SCALE: 1" = 1'-0"

- = 8" CLASS B TENSION PILE (TYP)
- = 8" CLASS B TENSION PILE (TYP)

COLUMN SCHEDULE			
MARK	COLUMN SIZE	BASE PLATE	CAP PLATE
1	COL 4'x4'	12'-0" x 12'-0" x 1/2" PL	4'x4'x1/2"
2	COL 4'x4'	12'-0" x 12'-0" x 1/2" PL	4'x4'x1/2"

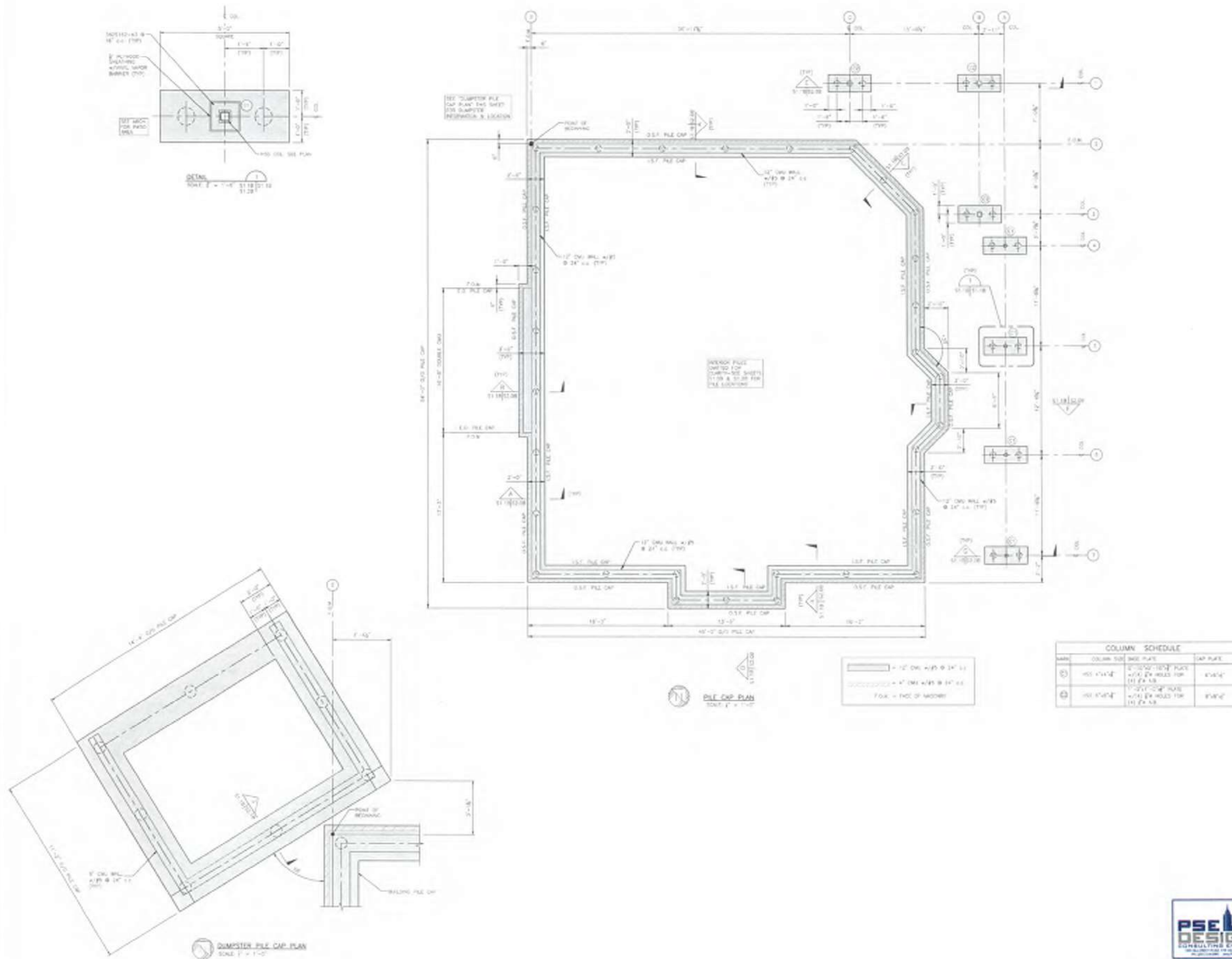


PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SUDELL, LOUISIANA 70458
ST. TAMMANY PARISH

REVISION	DATE	BY	CHKD



FILE #12
DATE: JUNE 11, 2024
SHEET: S1.0B
PILE PLAN



PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

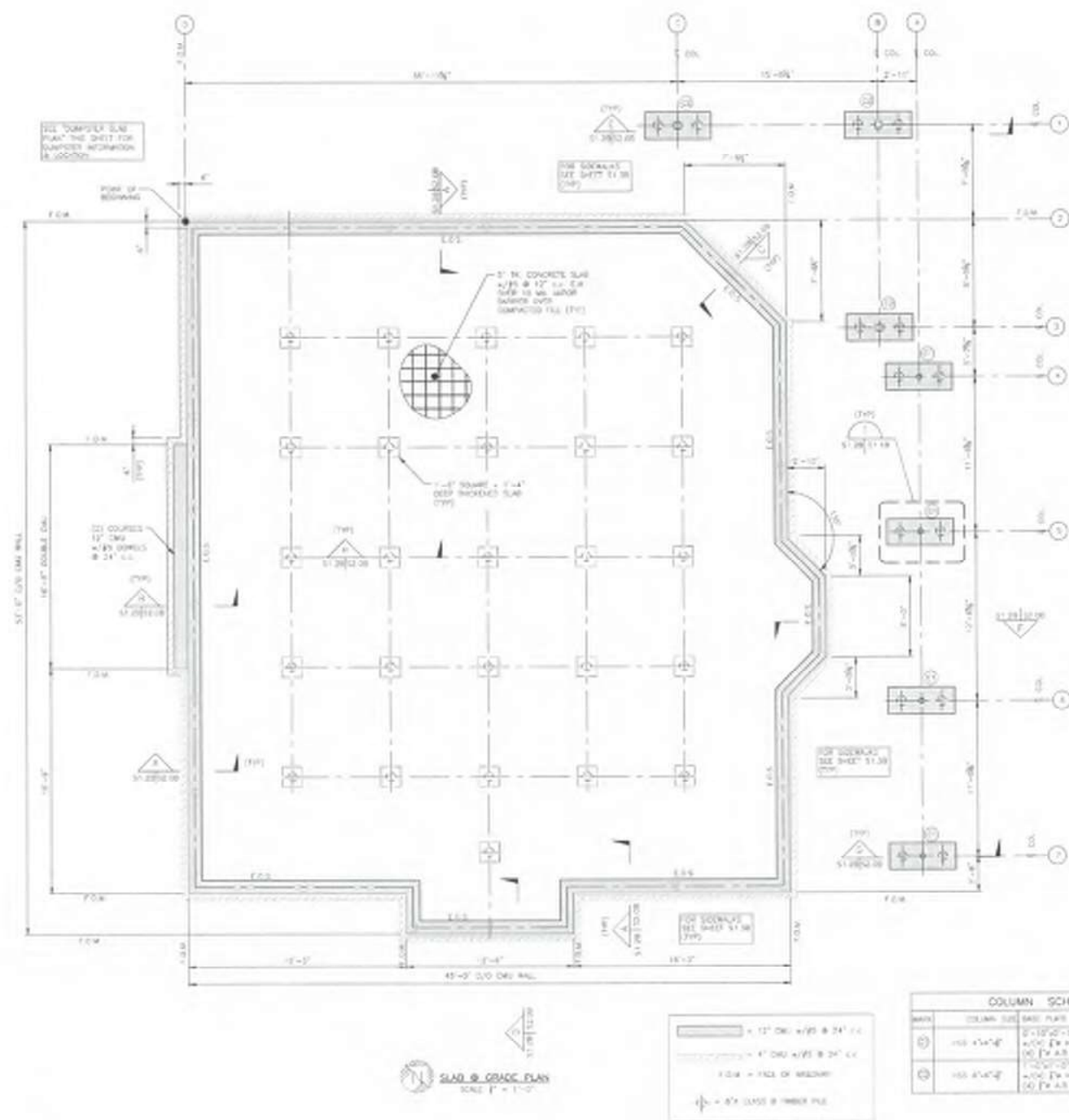
Carlton B. Parker, AIA
ARCHITECT
301 N. 10th St., Suite 100
Slidell, LA 70458



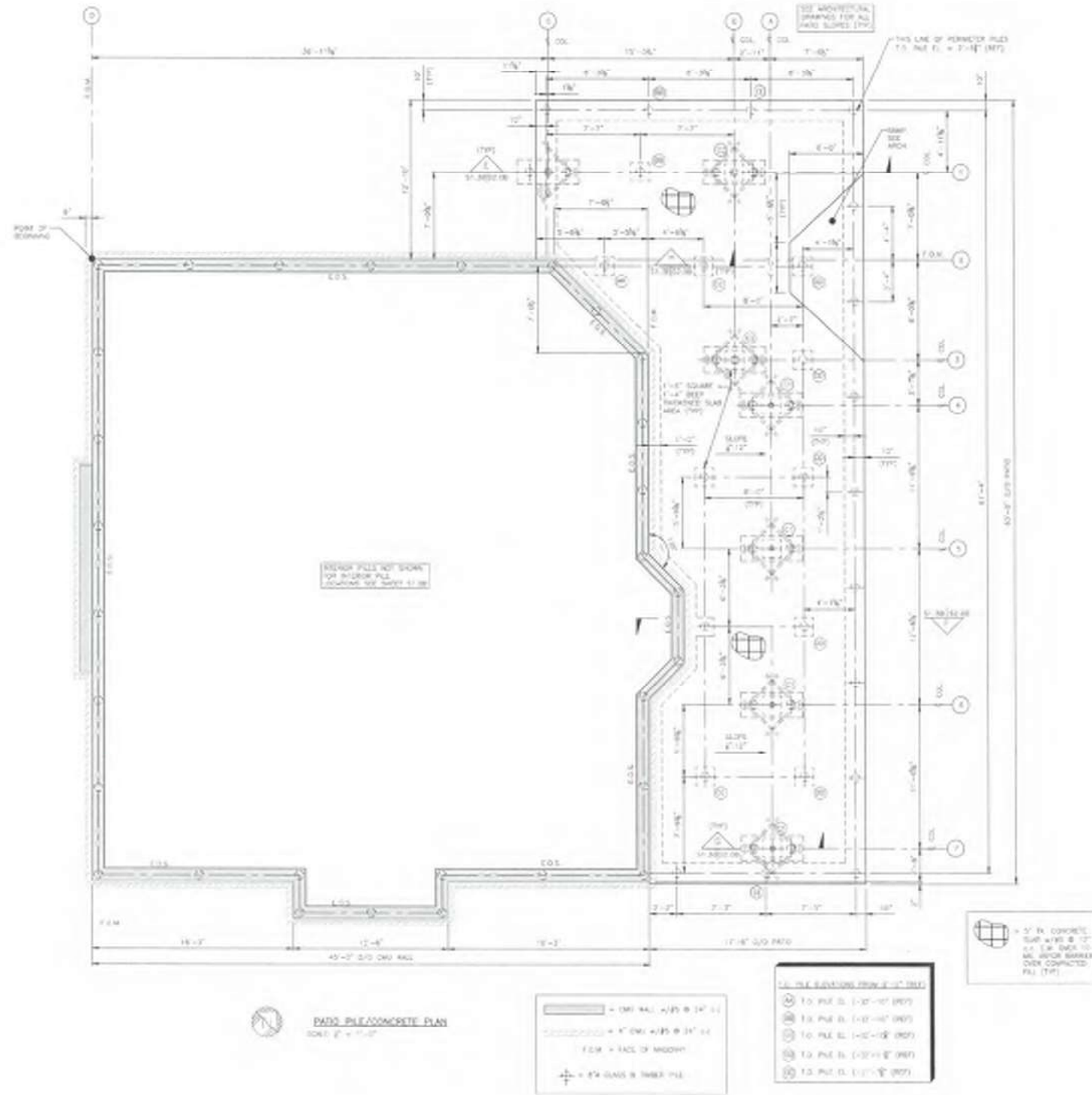
NO.	DATE	REVISION
1	04/14/2014	ISSUED FOR PERMIT



FILE NO. 012
DATE: JUNE 24, 2014
SHEET: **S1.1B**
PILE CAP PLAN



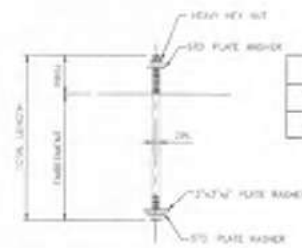
COLUMN SCHEDULE			
MARK	COLUMN SIZE	BASE PLATE	TOP PLATE
①	100 x 50 x 6	2 x 100 x 100 PLATE 4-HOLE (2 HOLES FROM END) (2 x 3)	50 x 50
②	100 x 50 x 6	2 x 100 x 100 PLATE 4-HOLE (2 HOLES FROM END) (2 x 3)	50 x 50



DATE: APR 27, 2021
SHEET: S1.3B
SCALES: PILE & CONCRETE PLAN

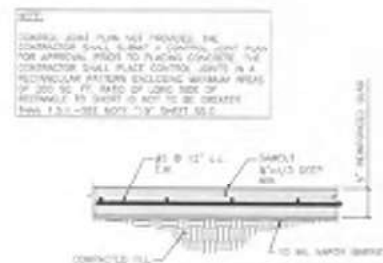
PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

Carleton B. Parker, AIA
ARCHITECT
301 WARD BLVD. SUITE 200
SLIDELL, LA 70458

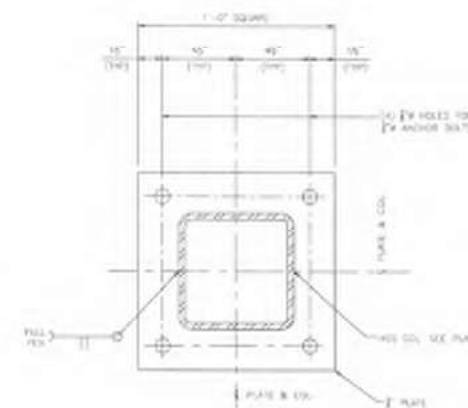


ANCHOR BOLT SCHEDULE		
NO.	DESCRIPTION	PROJECTION (INCH)
1	1" x 12"	1" @ COLUMNS

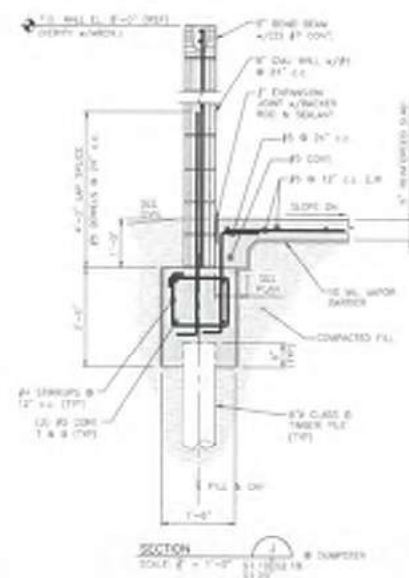
ANCHOR BOLT DETAIL
SCALE: 1\"/>



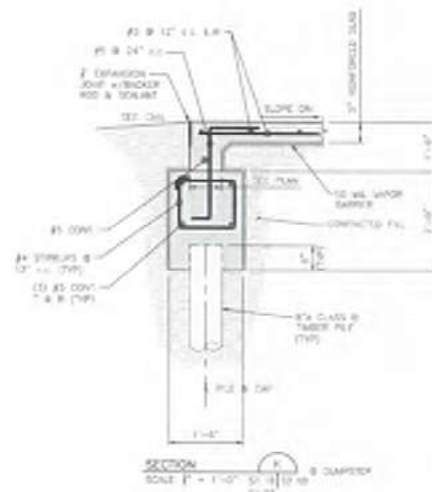
TYPICAL CONTROL JOINT DETAIL
SCALE: 1\"/>



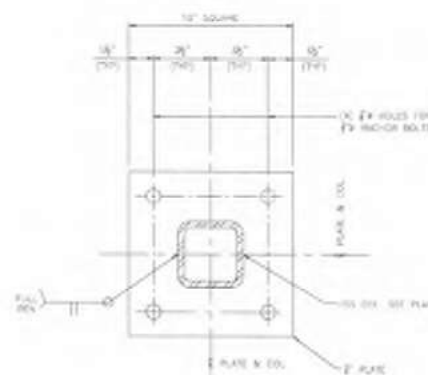
TYPICAL BASE PLATE DETAIL (BP#1)
FOR 4\"/>



SECTION
SCALE: 1\"/>



SECTION
SCALE: 1\"/>



TYPICAL BASE PLATE DETAIL (BP#2)
FOR 4\"/>

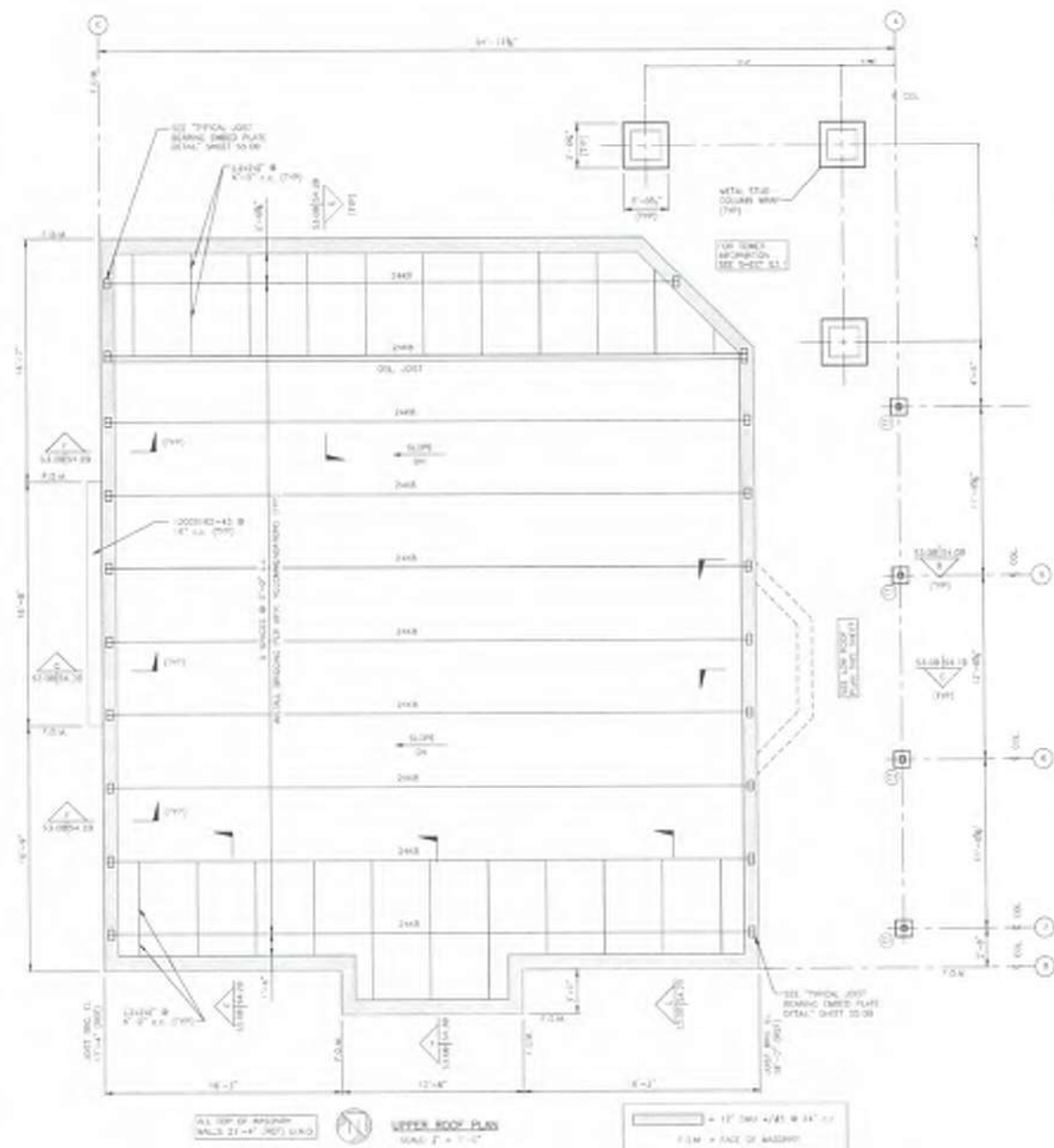
PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

Carlton B. Parker, AIA
ARCHITECT
10140 JULEY AVE. SUITE 100
METairie, LA 70002

REVISION	



PLZ: HTO
DATE: JUNE 21, 2018
SHEET: **S2.1B**
ANCHOR BOLT AND
BASE PLATE DETAILS



COLUMN SCHEDULE				
MARK	COLUMN SIZE	BASE PLATE	PLATE	CAP PLATE
②	105 4" x 14"	0" x 10" x 1/4" PLATE w/16 4" x 10.5" FOR 16 4" x 8"	4" x 14"	4" x 14"
③	105 4" x 14"	1" x 11" x 1/4" PLATE w/16 4" x 10.5" FOR 16 4" x 8"	4" x 14"	4" x 14"

PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70468
ST. TAMMANY PARISH

Carlton B. Parker, AIA
ARCHITECT

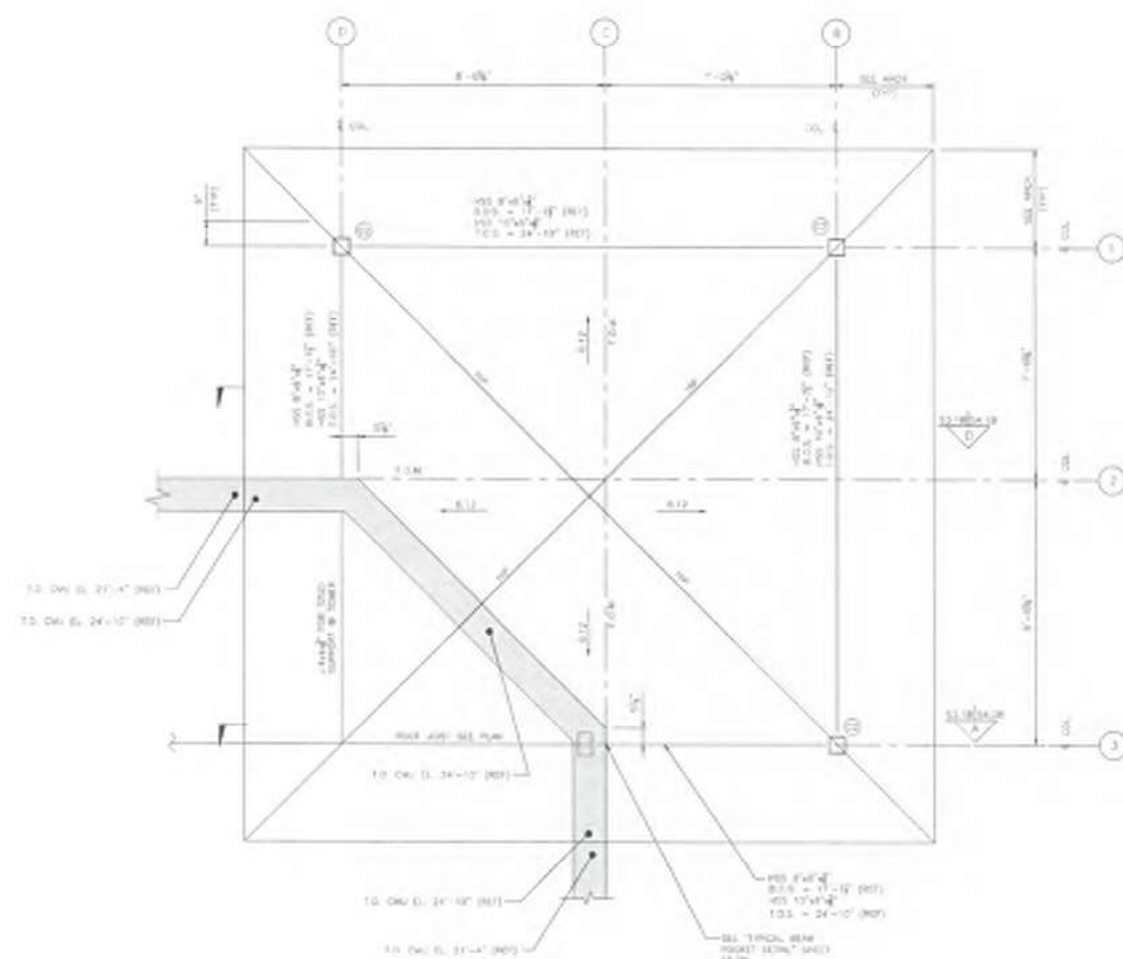


FILE	41
DATE	JUNE 24, 2011

\$3.0B

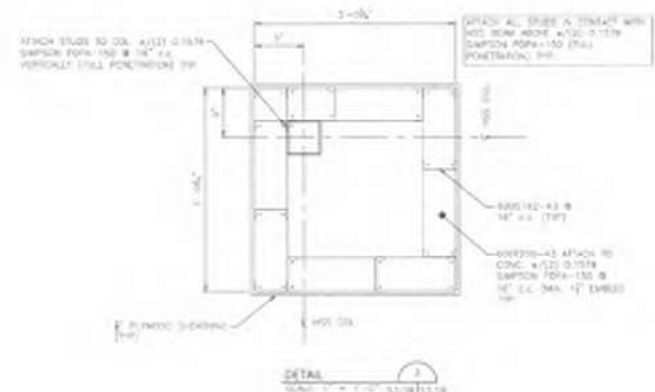
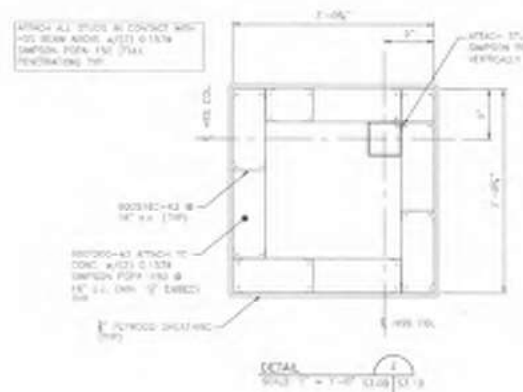
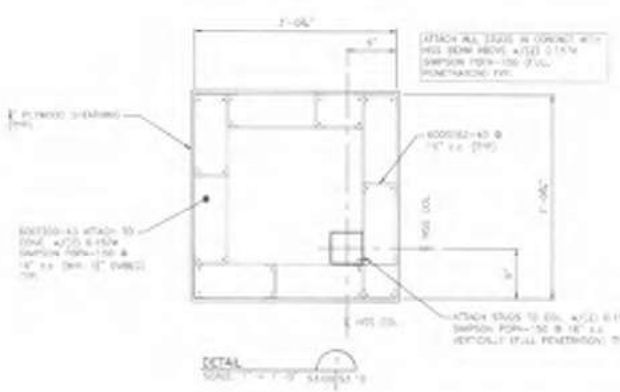
ROSE TRAINING PLAN





ENLARGED TOWER AREA
Scale: 1" = 1'-0"

COLUMN SCHEDULE			
NO.	COLUMN SIZE	WEL PLATE	CAP PLATE
1	NO. 1'-0" x 1'-0"	1/2" x 1'-0" x 1'-0" PLATE W/10 #4 BARS TOP W/10 #4 BARS BOT	8" x 8" x 1/2"
2	NO. 8'-0" x 8'-0"	1/2" x 8'-0" x 8'-0" PLATE W/10 #4 BARS TOP W/10 #4 BARS BOT	8" x 8" x 1/2"

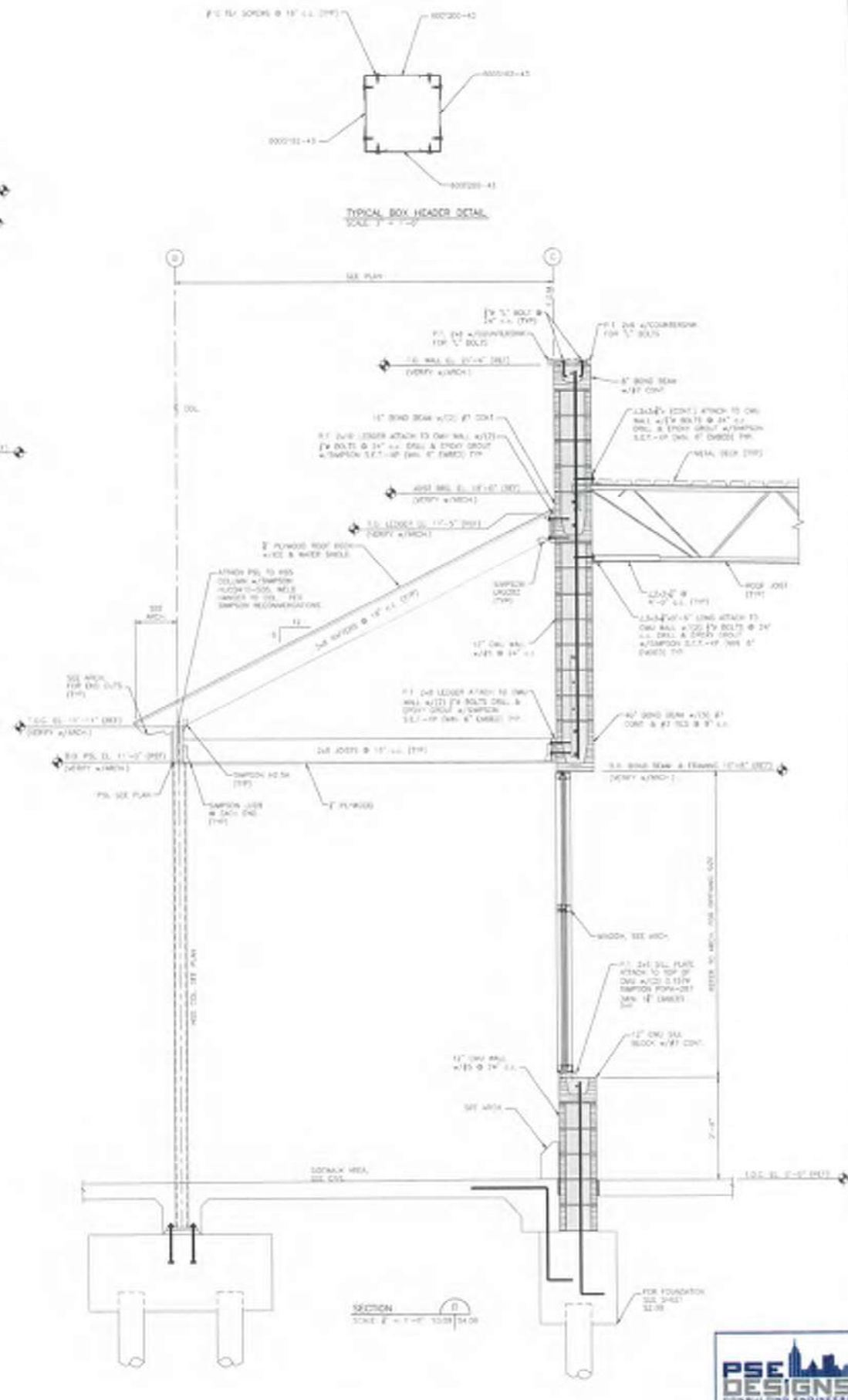
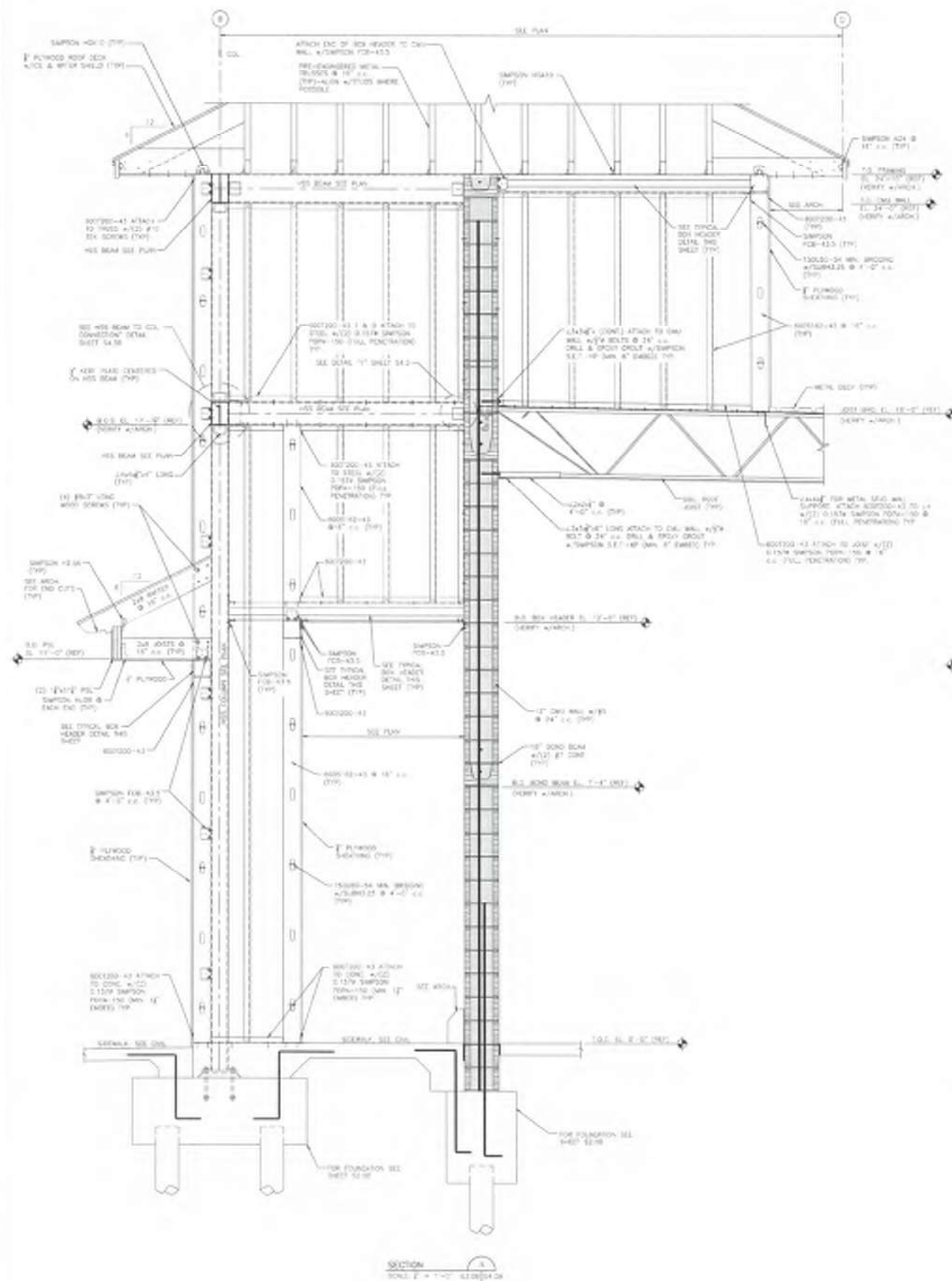


PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

REVISIONS

NO.	DATE	BY	CHKD.
1	4/1/19	AS	AS

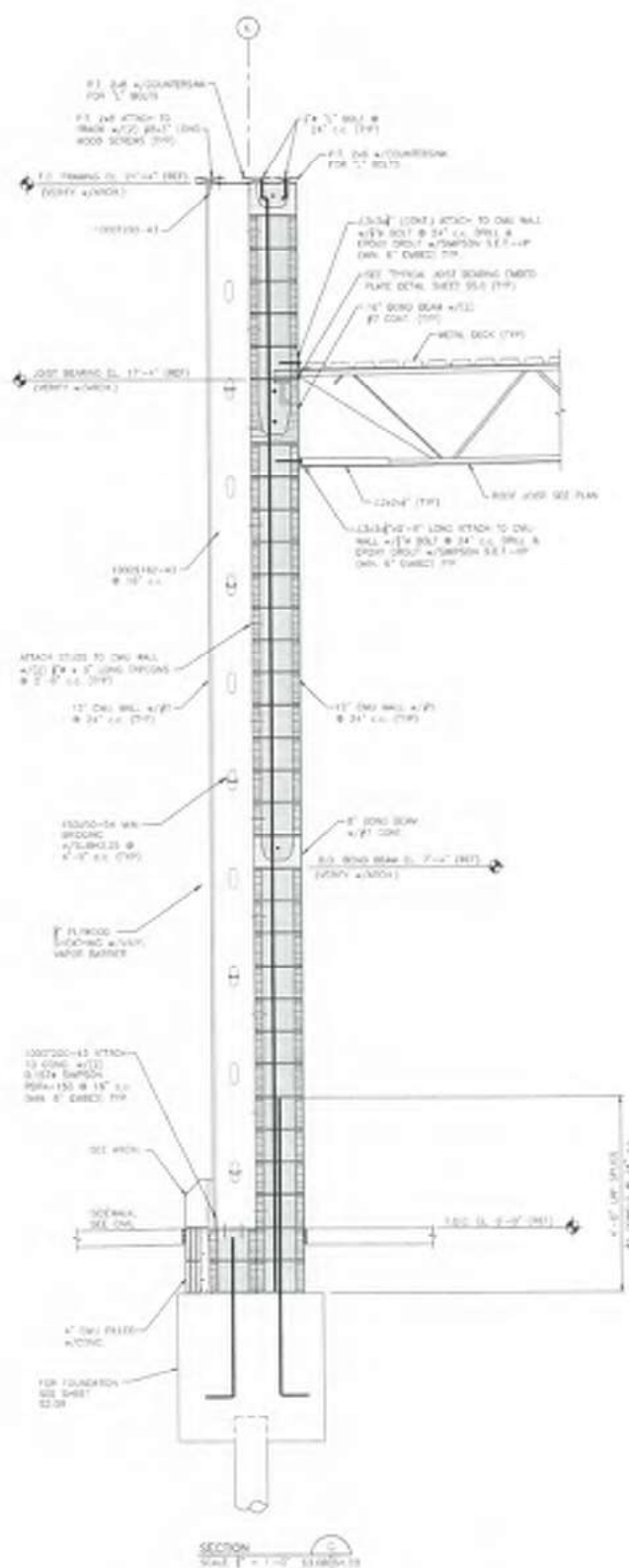
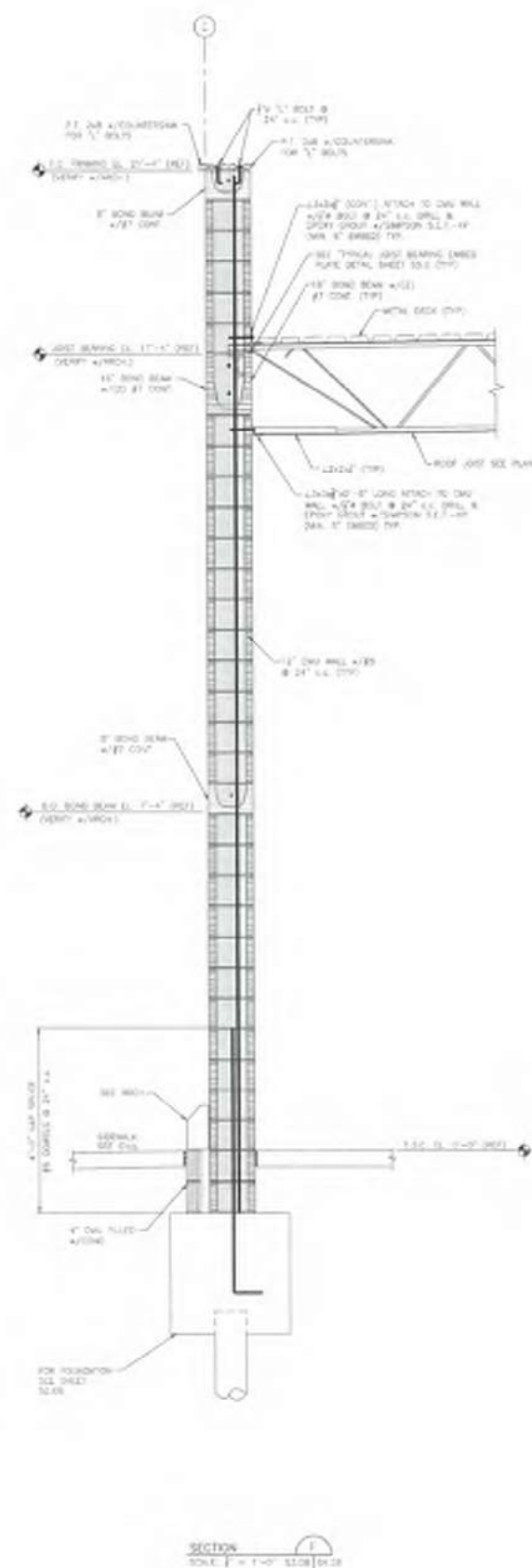
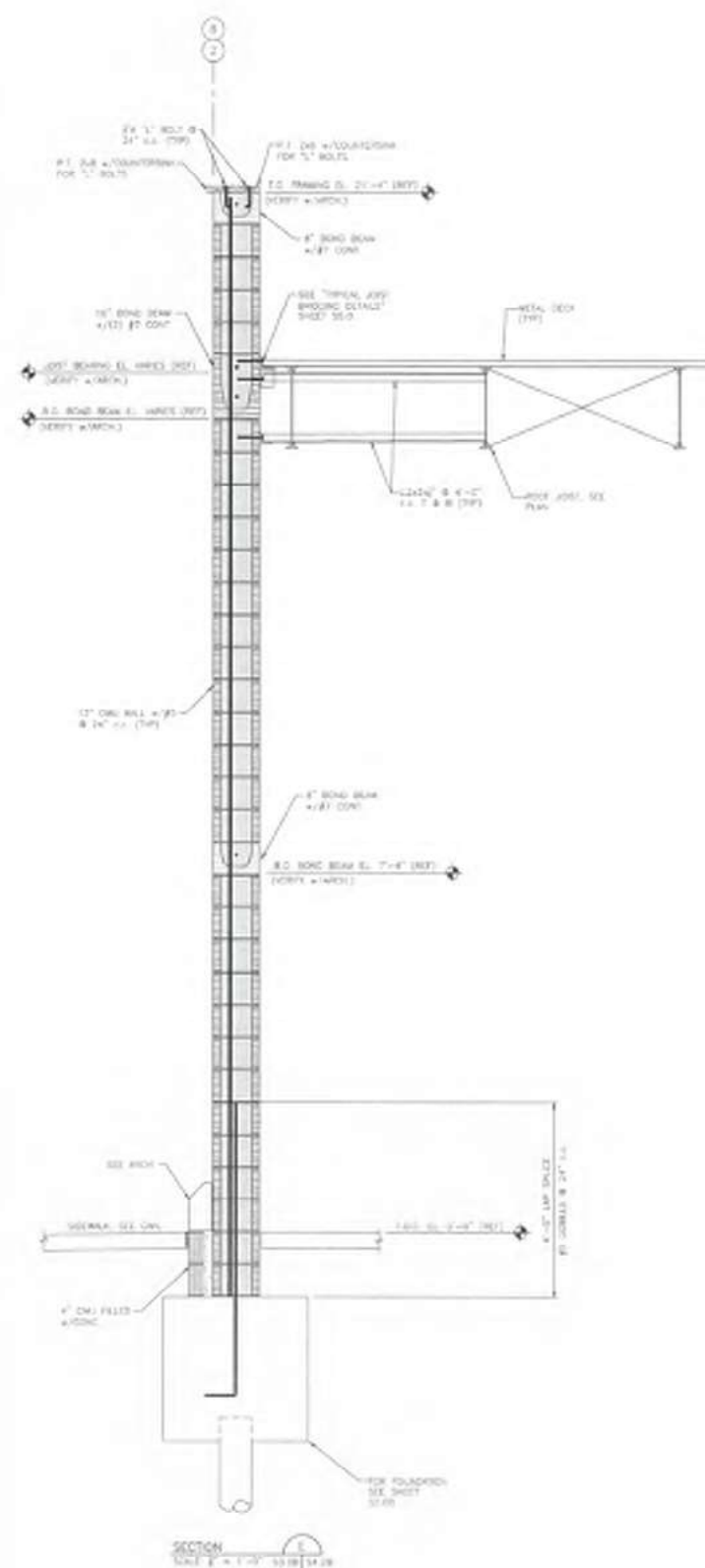
S3.1B
ROOF TRACING PLAN



PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

REVISION





PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

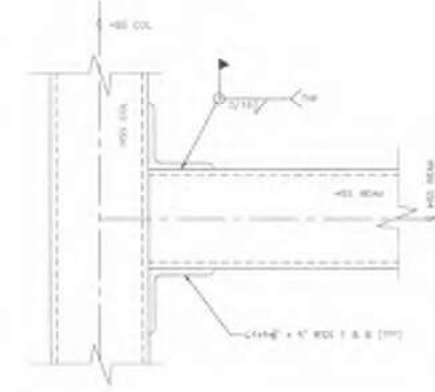
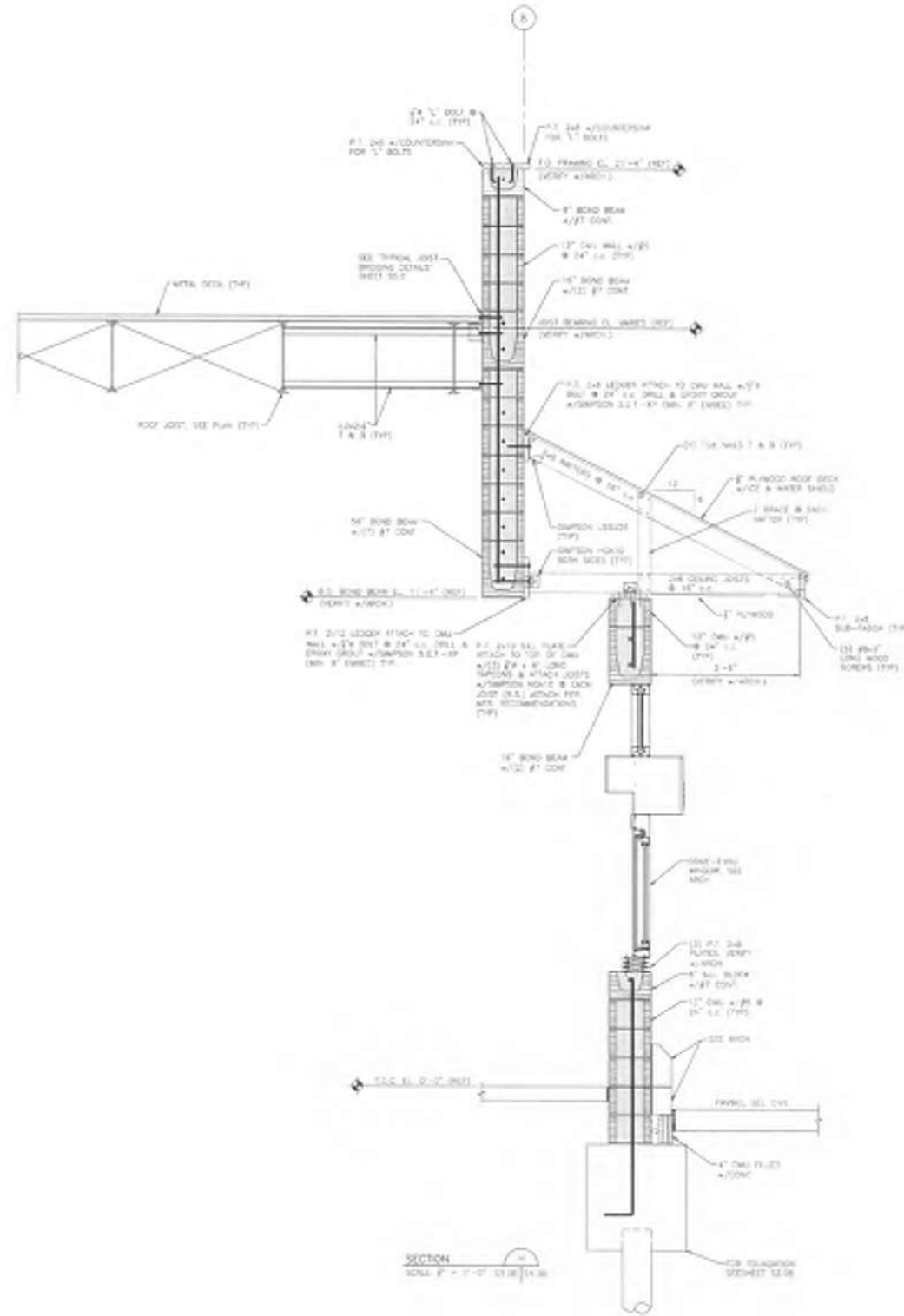
 Carlton B. Parker, AIA
ARCHITECT
810 Main St., Suite 200 • San Jose, CA 95128 • 408.831.1274



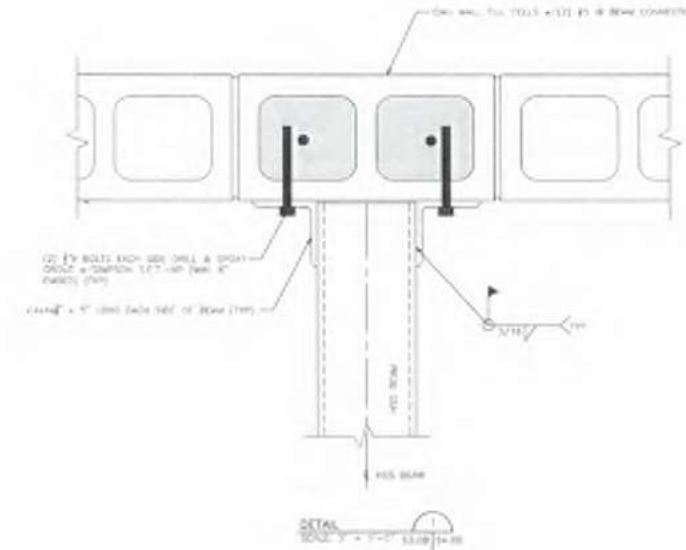
**PSE
DESIGNS**
CONSULTING ENGINEERS
1000 Highway 100, Suite 100, Westborough, MA 01581
Tel: 508-853-1000 Fax: 508-853-1001
www.PSEdesigns.com

Revisions

FILE # 4
DATE June 17, 2010
SHEET S4.2B
WALL SECTIONS



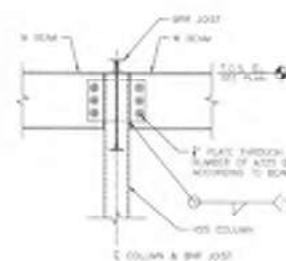
HSS BEAM TO COLUMN
CONNECTION DETAIL
SCALE: 2" = 1'-0"



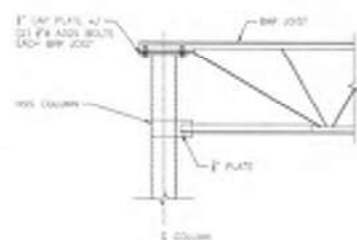
DETAIL
SCALE: 2" = 1'-0"

REVISIONS

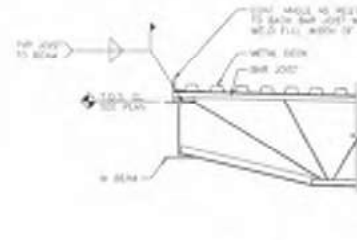




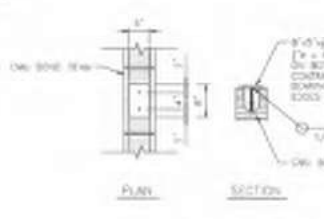
TYPICAL BEAM TO EACH SIDE OF COLUMN DETAIL
SCALE: 1/4" = 1'-0"



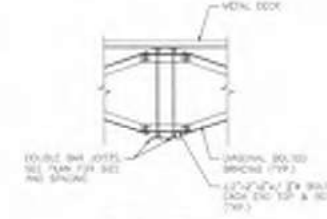
TYPICAL BAR JOIST TO COLUMN DETAIL
SCALE: 1/4" = 1'-0"



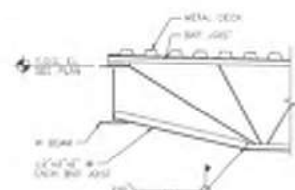
TYPICAL JOIST TO BEAM CONNECTION DETAIL
SCALE: 1/4" = 1'-0"



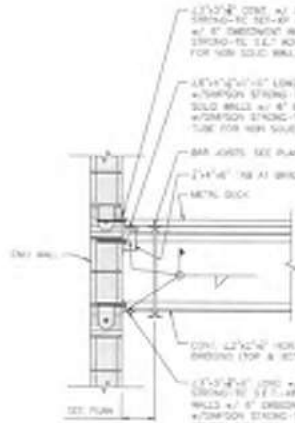
TYPICAL JOIST BEARING EMBOSSED PLATE DETAIL
SCALE: 1/4" = 1'-0"



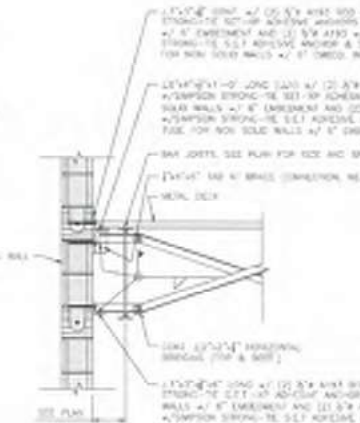
DOUBLE JOIST DIAGONAL BRIDGING DETAIL
SCALE: 1/4" = 1'-0"



TYPICAL BEAM KICK BRACE TO BOTTOM FLANGE DETAIL
SCALE: 1/4" = 1'-0"



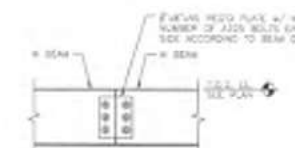
HORIZONTAL BRIDGING
SCALE: 1/4" = 1'-0"



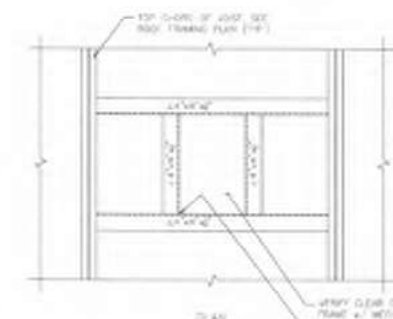
DIAGONAL BRIDGING
SCALE: 1/4" = 1'-0"



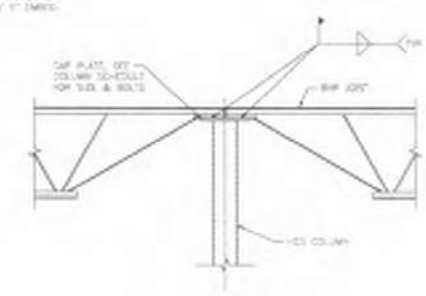
TYPICAL K SERIES BAR JOIST WEB DETAIL
SCALE: 1/4" = 1'-0"



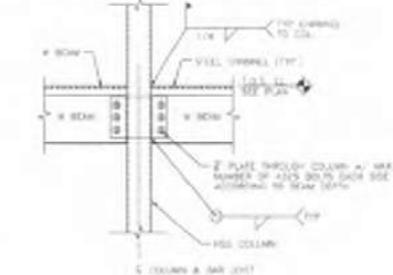
TYPICAL BEAM SPLICE DETAIL
SCALE: 1/4" = 1'-0"



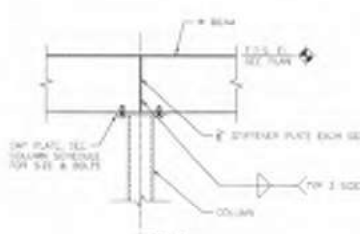
TYPICAL JOIST BRIDGING DETAILS
SCALE: 1/4" = 1'-0"



TYPICAL BAR JOIST TO COLUMN DETAIL
SCALE: 1/4" = 1'-0"



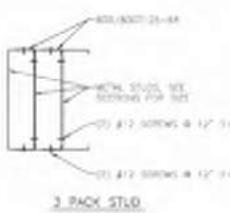
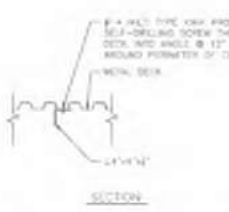
TYPICAL STEEL CHANNEL TO TUBE STEEL COLUMN DETAIL
SCALE: 1/4" = 1'-0"



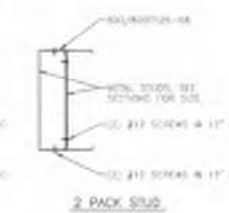
TYPICAL BEAM ON COLUMN DETAIL
SCALE: 1/4" = 1'-0"



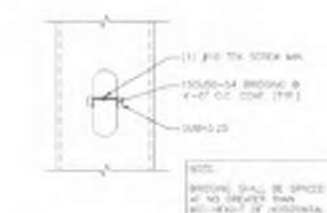
TYPICAL ROOF OPENING FRAME DETAIL
SCALE: 1/4" = 1'-0"



TYPICAL JOIST STUD DETAIL
SCALE: 1/4" = 1'-0"



TYPICAL JOIST STUD DETAIL
SCALE: 1/4" = 1'-0"



TYPICAL BRIDGING DETAIL
SCALE: 1/4" = 1'-0"

THIS SHEET CONTAINS STANDARD DETAILS. SOME DETAILS MAY NOT BE REQUIRED FOR THIS PARTICULAR PROJECT. USE DETAILS AS NECESSARY.

PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70468
ST. TAMMANY PARISH

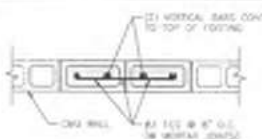
REVISIONS	



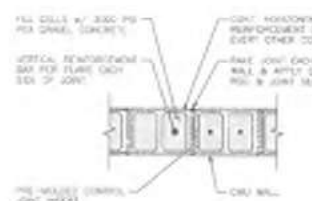
FILE: 10004
DATE: JUNE 17, 2004
SHEET: **S5.0B**
DETAILS



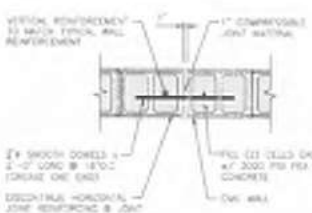
- REINFORCEMENT SCHEDULE FOR CMU WALLS
(TYPICAL FOR ALL CMU WALLS UNLESS INDICATED OR SHOWN OTHERWISE)
1. PROVIDE (2) #4 VERTICAL BARS FULL HEIGHT OF WALL AT EACH END OF WALL.
 2. PROVIDE #4 HORIZONTAL TIE BETWEEN VERTICAL BARS AT 16" O.C.
 3. PROVIDE 16" O.C. COLUMN AT ALL CORNERS AND INTERSECTIONS OF WALLS WITH (4) #4 VERTICAL BARS FULL HEIGHT OF WALL. PROVIDE #4 HORIZONTAL TIES BETWEEN VERTICAL BARS SPACED AT 16" O.C.
 4. PROVIDE REINFORCING BARS POSITIVELY TO PLACE VERTICAL REINFORCEMENT BARS IN THE CENTER OF ALL CMU WALLS UNLESS INDICATED OR SHOWN OTHERWISE ON THE DRAWINGS.
 5. PROVIDE LARGER TYPE #4 OR #6 VERTICAL BARS AND CROSS BARS, CONTINUOUS SAVERED HORIZONTAL JOINT REINFORCEMENT SPACED AT 16" O.C. FOR FULL HEIGHT OF ALL WALLS. PLACE FIRST RUN OF HORIZONTAL REINFORCEMENT ON TOP OF FIRST COURSE OF CMU ABOVE TOP OF FOUNDATION. PROVIDE CONTINUITY OF HORIZONTAL REINFORCEMENT AT CORNERS AND WALL INTERSECTIONS BY USING PERMANENTLY "U" AND "V" SECTIONS.
 6. SHEET ALL REINFORCEMENT SCHEDULE IN CMU WITH DOWEL BARS SET IN THE GENERAL STRUCTURAL NOTES ON SHEET 30-5.
 7. 16" HIGH DEEPER BOND BEAMS AND UNLESS MAY BE CONSTRUCTED WITH STANDARD 16" UNITS, BLOCKS FOR THE BOTTOM COURSE AND 16" HIGH END COURSES FOR COURSES ABOVE THE LAST COURSE.
 8. WALL ALL HORIZONTAL BARS IN BOND BEAMS CONTINUOUS AROUND CORNERS BY THE USE OF CORNER BARS FOR EACH BAY IN BOND BEAM. CORNER BARS TO LAP MINIMUM OF 48 BARS (UNLESS WITH BOND BEAM BARS).
 9. SEE THE CMU LAYOUT SCHEDULE ON THIS SHEET FOR CMU UNIT LAYOUT AND REINFORCEMENT FOR WALL OPENINGS.
 10. LAY SPICES FOR ALL REINFORCEMENT IN CMU WALLS SHALL BE A MINIMUM OF 48 BARS DIAMETERS.
 11. PROVIDE VERTICAL CORNERS FOR ALL CMU WALL VERTICAL REINFORCING BARS TO FOUNDATIONAL CORNERS BARS TO MATCH END OF CMU WALL VERTICAL BARS AND TO BE LAPPED A MINIMUM OF 48 BARS DIAMETERS.
 12. SEE DRAWINGS AND STRUCTURAL GENERAL NOTES FOR OTHER CMU WALL REINFORCEMENT REQUIREMENTS.



TYPICAL 8"x12" CMU PLASTER DETAIL
SCALE: 1/4" = 1'-0"



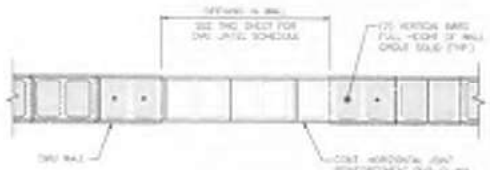
TYPICAL CMU CONTROL JOINT DETAIL
SCALE: 1/4" = 1'-0"



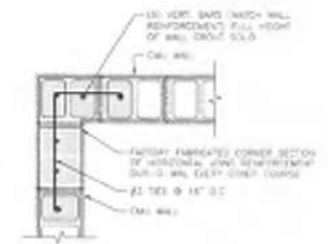
TYPICAL CMU EXPANSION JOINT DETAIL
SCALE: 1/4" = 1'-0"

NOTE:
CMU WALL CONTROL JOINTS TO BE LOCATED AT SAME LOCATIONS AS EXISTING REINFORCED CONCRETE JOINTS AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
CMU CONTROL JOINTS ARE NOT TO EXCEED 30". THE GROUND THE JOINTS SHALL BE LOCATED IN MIN. OF 24" FROM CORNER OR WINDOW OPENINGS TO MIN. UNLESS THE HORIZONTAL JOINT REINFORCING BARS BE TERMINATED 2" FROM EACH SIDE OF JOINT. ALL BOND BEAM REINFORCING SHALL CONTINUE THROUGH THIS JOINT.

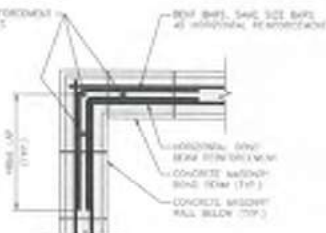
THIS SHEET CONTAINS STANDARD DETAILS. SOME DETAILS MAY NOT BE REQUIRED FOR THIS PARTICULAR PROJECT. USE DETAILS AS NECESSARY.



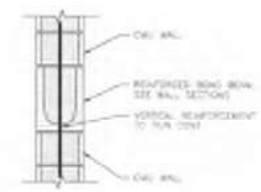
TYPICAL CMU OPENING DETAIL
SCALE: 1/4" = 1'-0"



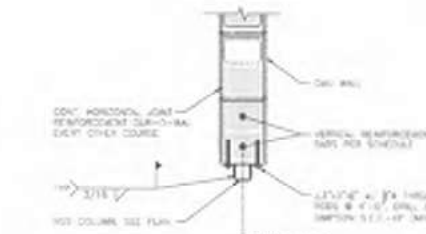
TYPICAL CMU CORNER DETAIL
SCALE: 1/4" = 1'-0"



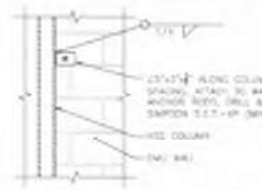
PLAN SHOWING BOND BEAM REINFORCEMENT @ WALL CORNER
SCALE: 1/4" = 1'-0"



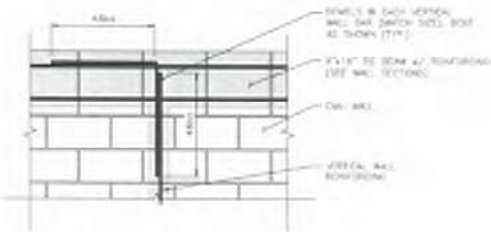
TYPICAL BOND BEAM DETAIL @ EL.
(SEE WALL SECTIONS)
SCALE: 1/4" = 1'-0"



TYPICAL COLUMN TO END OF CMU WALL CONNECTION DETAIL
SCALE: 1/4" = 1'-0"



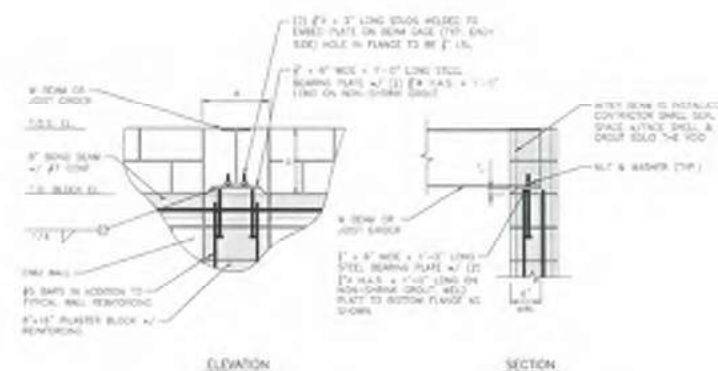
TYPICAL HSS COLUMN TO CMU WALL CONNECTION DETAIL
SCALE: 1/4" = 1'-0"



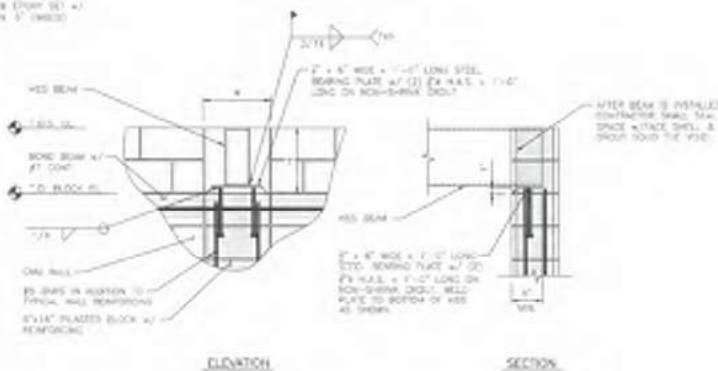
TOP OF FILLED CELL DETAIL
SCALE: 1/4" = 1'-0"

MASSORY VENEER LOOSE UNTIL SCHEDULE			
OPENING	TYPE	BEARING OVER END	
6" WIDE OR LESS	EXTENDING	16"	
OVER 6" WIDE TO 12" WIDE	EXTENDING	16"	
OVER 12" WIDE TO 16" WIDE	EXTENDING	16"	
OVER 16" WIDE TO 24" WIDE	EXTENDING	16"	
OVER 24" WIDE TO 36" WIDE	EXTENDING	16"	

NOTES:
1. FOR OPENING 6" WIDE OR LESS, PROVIDE 16" BARS VENEER AND UNDER LINE, IN EACH SIDE OF OPENING.
2. FOR OPENING LARGER THAN 6" WIDE, PROVIDE (1) 16" BARS VENEER AND UNDER LINE, IN EACH SIDE OF OPENING.
3. ALL 16" BARS ARE USED FOR BRICK VENEER LOOSE UNTIL SCHEDULE, BE NOT USED FOR BRICK VENEER LOOSE UNTIL SCHEDULE.



TYPICAL BEAM POCKET DETAIL (W/ BEAM)
SCALE: 1/4" = 1'-0"



TYPICAL BEAM POCKET DETAIL (HSS BEAM)
SCALE: 1/4" = 1'-0"

Carlton B. Parker, AIA
ARCHITECT
301 BAYVIEW BLVD., SUITE 100
HOUSTON, TEXAS 77057

PROPOSED
VILLAGE OF EDEN OAK
BUILDING B SHELL
SLIDELL, LOUISIANA 70458
ST. TAMMANY PARISH

REVISION	DATE	BY	CHKD

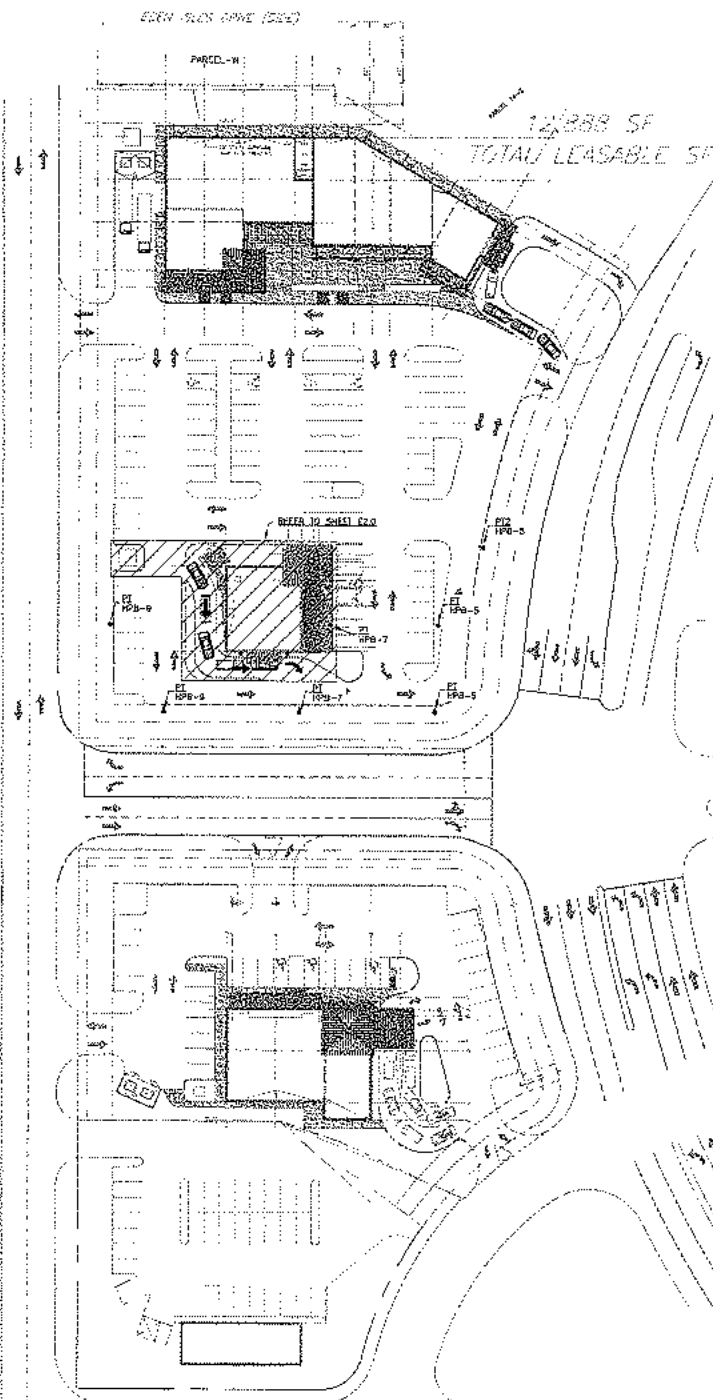


PSE
DESIGNS
11111 FIVE STAR BLVD., SUITE 100
HOUSTON, TEXAS 77057
713.464.1111
www.pse-designs.com

FILE: 2024-01-11
DATE: JUNE 21, 2024
SHEET: S6.0B
MASSORY DETAILS

ELECTRICAL SITE PLAN (NORTH)

SCALE: 1" = 20'-0"



POLE BASE DETAIL

SCALE: NOT TO SCALE

ELECTRICAL DETAIL

SCALE: NOT TO SCALE

RECEPTACLES

MARK	DESCRIPTION:
⊕	20 AMP, 120 VOLT TAMPER RESISTANT DUPLEX RECEPTACLE WITH MATCHING FACE PLATE, MOUNT AT 18" AFF UNLESS OTHERWISE NOTED. COLOR BY OWNER.
⊖	20 AMP, 120 VOLT TAMPER RESISTANT DUPLEX GROUND FAULT CIRCUIT INTERRUPTING DUPLEX RECEPTACLE WITH MATCHING FACE PLATE, MOUNT AT 18" AFF UNLESS OTHERWISE NOTED. COLOR BY OWNER.
⊕/G	20 AMP, 120 VOLT TAMPER RESISTANT DUPLEX GROUND FAULT CIRCUIT INTERRUPTING DUPLEX RECEPTACLE WITH WATER PROOF COVER, MOUNT AT 18" AFF UNLESS OTHERWISE NOTED.

DATA/TELEPHONE/TV

MARK	DESCRIPTION:
▽	DATA/TELEPHONE/TV OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE 4" SQUARE BOX WITH SINGLE GANG RING, 1/2" CONDUIT TO ABOVE CEILING. PROVIDE RUBBER G-RING AT END OF CONDUIT. MOUNT AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
▽	WALL TELEPHONE OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE 4" SQUARE BOX WITH SINGLE GANG RING, 1/2" CONDUIT TO ABOVE CEILING. PROVIDE RUBBER G-RING AT END OF CONDUIT. MOUNT AT 18" AFF. MOUNT AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
▽	4" x 6" x 1/2" PLATEWOOD FOR TELEPHONE BACKBOARD, PROVIDE 1-1/2" CONDUIT WIRE FROM SERVICE ENTRANCE. DRILLING, JUMP WIRE NON-CONDUCTIVE PAINT, REFER TO DETAIL 3, SHEET 3-02.

LIGHT SWITCHES

MARK	DESCRIPTION:
⊕	20 AMP, 120/277 VOLT SPECIFICATION GRADE TOGGLE SWITCH WITH MATCHING FACE PLATE, COLOR BY OWNER.
⊕S	20 AMP, 120/277 VOLT SPECIFICATION GRADE THREE WAY TOGGLE SWITCH WITH MATCHING FACE PLATE, COLOR BY OWNER.
⊕4	20 AMP, 120/277 VOLT SPECIFICATION GRADE FOUR WAY TOGGLE SWITCH WITH MATCHING FACE PLATE, COLOR BY OWNER.

ELECTRICAL PANELS/SWITCHBOARDS

MARK	DESCRIPTION:
⊕	ELECTRICAL PANEL BOARD, SEE PANEL SCHEDULE FOR SPECIFICATION.
⊕	ELECTRICAL PANEL BOARD, SEE PANEL SCHEDULE FOR SPECIFICATION.

CONDUIT AND CONDUCTOR

MARK	DESCRIPTION:
—	CONDUIT HORIZONTAL ABOVE CEILING OR IN WALLS. TICK MARKS INDICATE NUMBER OF CONDUCTORS IF MORE THAN TWO. GROUND CONDUCTOR NOT SHOWN.
—	CONDUIT HORIZONTAL BELOW GROUND. TICK MARKS INDICATE NUMBER OF CONDUCTORS IF MORE THAN TWO. GROUND CONDUCTOR NOT SHOWN.

DISCONNECT SWITCHES

MARK	DESCRIPTION:
⊕	DISCONNECT SWITCH, AMPS/VOLTS/PHASE/ENCLOSURE AS NOTED, FUSE PER EQUIPMENT NAME PLATE DATA.

MISC. DEVICES

MARK	DESCRIPTION:
⊕	ANTENNA BOX
⊕	ELECTRICAL MOTOR, SEE MECHANICAL PLANS.
⊕	THERMOSTAT, ELECTRICAL CONTRACTOR TO PROVIDE 4" SQUARE BOX WITH SINGLE GANG RING, 1/2" CONDUIT TO ABOVE CEILING. PROVIDE RUBBER G-RING AT END OF CONDUIT. COORDINATE WITH MECHANICAL PLANS FOR LOCATIONS AND MOUNTING HEIGHTS.
⊕	MOTOR OPERATED SAMPER PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
⊕	MOTOR RATED SWITCH, VOLTAGE, PHASE AND AMP RATING PER CREDIT.

LIGHT FIXTURES

MARK	LAMPS	VOLTS	WATTS	MANUF. & CATALOG NO.	MOUNTING	DESCRIPTION:	NOTES
⊕1	LED	UNV.	115.7 WATTS	STERNBERG LIGHTING: 41300LE-241-4075-MUL018-SV1	POLE	41300LE HERITAGE SERIES, ROOF MOUNTED LED PLATE, 1/2" OPTIC, PLAT SOFT VUE 1	1,2
⊕2	LED	UNV.	115.7 WATTS	STERNBERG LIGHTING: 41300LE-241-4075-MUL018-SV1	POLE	41300LE HERITAGE SERIES, ROOF MOUNTED LED PLATE, 1/2" OPTIC, PLAT SOFT VUE 1	1,2
⊕3	LED	UNV.	31.3 WATTS	STERNBERG LIGHTING: 41300LE-241-4075-MUL018-SV1	WALL	41300LE HERITAGE SERIES, ROOF MOUNTED LED PLATE, 1/2" OPTIC, PLAT SOFT VUE 1	1,2
⊕4	LED	UNV.	22.5 WATTS	UTHONIA LIGHTING: W052-LED-P3-40X-80CR-VW	WALL	41300LE HERITAGE SERIES, ROOF MOUNTED LED PLATE, 1/2" OPTIC, PLAT SOFT VUE 1	1,2
⊕5	LED	UNV.	22.5 WATTS	UTHONIA LIGHTING: W052-LED-P3-40X-80CR-VF	WALL	41300LE HERITAGE SERIES, ROOF MOUNTED LED PLATE, 1/2" OPTIC, PLAT SOFT VUE 1	1,2
⊕6	LED	UNV.	59.0 WATTS	UTHONIA LIGHTING: BLP2-72L-4EP-MVLT-E21-LP-6833	SURFACE	LED WARP/ROUND	1,2
⊕7	LED	UNV.	59.0 WATTS	UTHONIA LIGHTING: BLP2-72L-4EP-MVLT-E21-LP-6833-ELM	SURFACE	LED WARP/ROUND WITH EMERGENCY BATTERY PACK	1,2,3
⊕8	LED	UNV.	4.3 WATTS	UTHONIA LIGHTING: U104-LED-R-NO RD	UNIVERSAL	LED EXIT SIGN	1,2,3
⊕9	LED	UNV.	11.1 WATTS	UTHONIA LIGHTING: A78-DEL-UVOLT-CLP-SORT-WT-CW	UNIVERSAL	LED EXTERIOR EMERGENCY	1,2,3
⊕10	LED	DRY	29.5 WATTS	OTHAM LIGHTING: EV06-42/30-AR-LED-WE-4VOLT-EEI	RECESSED	LED CAN LIGHT, WET LOCATION RATED	1,2,3
⊕11	LED	DRY	- WATTS	OTHAM LIGHTING: EV06-42/30-AR-LED-WE-4VOLT-EEI-SUR	RECESSED	LED CAN LIGHT, WET LOCATION RATED, EMERGENCY BATTERY PACK	1,2,3

NOTES:
 1. ALL LIGHTING CONTROL WIRING SHOWN ON THIS SET OF PLANS IS DIAGNOSTIC ONLY. LIGHTING CONTROL SUPPLIER TO PROVIDE SHOP DRAWINGS DETAILING ALL LIGHTING CONTROL DEVICES, WIRING AND CONNECTIONS.
 2. LIGHT FIXTURES IDENTIFIED BY "ILL" ARE MOUNTED LIGHTS AND SHOULD BE ON 24V.
 3. ALL LIGHT FIXTURES SHALL BE MOUNTED/SUPPLIED PER MANUFACTURER SPECIFICATIONS.
 END NOTE:
 1. SCHEDULED LIGHT FIXTURE ARE THE BASES OF DESIGN FOR THIS PROJECT. EQUAL FIXTURES ARE TO BE SUBMITTED 14 WORKING DAYS PRIOR TO BID. SUBMITTED EQUAL PACKAGES SHOULD INCLUDE FIXTURE, GUT SHEET, AND COMPLETE PHOTOGRAPHIC PLAN OF THIS PROJECT. CONTACT ARCHITECT OR ENGINEER FOR FURTHER INFORMATION.
 2. LIGHT FIXTURE COLOR AND FINISHES BY ARCHITECT.
 3. COORDINATOR TO INSTALL FIXTURES FOR MANUFACTURER SPECIFICATION AND PROVIDE ALL REQUIRED MOUNTING HARDWARE/ADDITIONAL SUPPORT BRACING AS NEEDED.
 4. CIRCUIT EMERGENCY BATTERY PACK AHEAD OF LOCAL SWITCH.

GENERAL ELECTRICAL NOTES

- ENTIRE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ACCEPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES.
- CONTRACTOR SHALL VISIT THE SITE AND SURVEY EXISTING CONDITIONS PRIOR TO BIDDING WORK. NO ADDITIONAL SCOPE WILL BE AUTHORIZED DUE TO THE LACK OF UNDERSTANDING OF EXISTING CONDITIONS.
- WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY AND INSTALLED IN A PROFESSIONAL MANNER. ANY WORK THAT IS DEEMED SUB-STANDARD BY THE OWNER OR ENGINEER SHALL BE REDONE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE AND PAY FOR ALL PERMITTING AND INSPECTIONS REQUIRED BY THE LOCAL AUTHORITY.
- ELECTRICAL DRAWINGS SHOW GENERAL WORK TO BE PERFORMED. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL SYSTEMS TO PROVIDE A COMPLETE PACKAGE AS INDICATED BY THE CONTRACT DOCUMENTS. THE DOCUMENTS ARE AMENDED TO PROVIDE AN OUTLINE FOR THE REQUIRED INSTALLATIONS. THE CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT THE CONCLUSION OF THE PROJECT.
- DETAILS ARE SHOWN AS THE RELATE TO PROJECT. CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL COMPONENTS PARTS, FASTENERS, BRIDGES, MATERIALS AND ANY OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETE INSTALLATION.
- PROVIDE 1/2" EMBEDEDMENT, RECORD DRAWINGS AND OPERATION/MAINTENANCE MANUALS OR ALL ELECTRICAL EQUIPMENT AND LIGHTING. DURING THE WARRANTY PERIOD, THE CONTRACTOR SHALL REPLACE OR REPAIR ANY DEFECTIVE COMPONENTS RELATED TO THEIR WORK AT NO COSTS TO THE OWNER, ARCHITECT OR ENGINEER.
- CONDUIT ROUTING AND DEVICE/EQUIPMENT LOCATIONS SHOWN ARE DIAGNOSTIC ONLY. CONTRACTOR SHALL FIELD SURVEY AND LOCATE AS REQUIRED.
- ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE PROVIDED WITH SUITABLE PHOSPHOR NAMEPLATES. CATALOG NUMBERS AND IDENTIFYING MARKINGS SHALL BE INDICATE FEATURES, QUALITY, AND TYPE OF NEW LISTED ONLY, EQUALS WILL BE ACCEPTED.
- LIGHT FIXTURES SHALL BE SPECIFICATION/COMMERCIAL GRADE, LISTED, AS NOTED ON DRAWINGS. SPECIALTY, WATER EMERGENCY, BALLASTS OR DIMMER/SHIMMER ARE NOTED, PROVIDE SHIMMERED CIRCUIT AS SHOWN.
- ALL SWITCHES RECEPTACLES, DEVICES, SHALL BE SPECIFICATION/COMMERCIAL GRADE, LISTED, WITH NEMA CONSTRUCTION AS NOTED IN SCHEDULE OR AS REQUIRED FOR EQUIPMENT CONNECTION. RECEPTACLES WITHIN 6 FEET OF WATER FOUNTAINS OR ANY SOURCES OF WATER SHALL BE GFCI PROTECTED.
- THE CONDUIT MATERIAL SHALL BE AS FOLLOWS:
 A) BELOW GRADE - RIGID NON-METALLIC
 B) EXPOSED RISER FROM 36" BELOW GRADE - RIGID GALVANIZED STEEL
 C) CONCEALED RISER FROM 36" BELOW GRADE - RIGID NON-METALLIC
 D) ABOVE GRADE SUBJECT TO PHYSICAL ABUSE OR WEATHER - ELECTRICAL METALLIC TUBING
 E) ABOVE GRADE NOT SUBJECT TO PHYSICAL ABUSE OR WEATHER - ELECTRICAL METALLIC TUBING
 F) PROHIBIT NOT SUBJECT TO PHYSICAL ABUSE OR WEATHER - ELECTRICAL METALLIC TUBING
 G) ALL CONDUITS SHALL BE INSTALLED PARALLEL, AND PERPENDICULAR TO BUILDING STRUCTURES. DO NOT INSTALL CONDUITS AND "JANGLES" "STRAIGHT-BUNS" BETWEEN BORDS.
- ALL WIRING SHALL BE #12 MINIMUM, THIN/TIMING, UNLESS OTHERWISE NOTED.
- ALL WIRING SHALL BE #12 MINIMUM, THIN/TIMING, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO RUNNING THE CIRCUIT. THE USUAL CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE DATA OR THE EQUIPMENT'S INFORMATION BY THE MANUFACTURER. ADDITIONAL CONSTRUCTION SHALL NOT BE ALLOWED FOR APPLIANCE CONNECTIONS BY THE CONTRACTOR.
- COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, FIXTURES, ETC., WITH ARCHITECTURAL PLANS AND MECHANICAL PLANS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL VERIFY ALL NECESSARY ELECTRICAL DEVICES IN THE CABINETS, FOLLOWING (BUT NOT LIMITED TO) RECEPTACLES, CONDUIT, JUNCTION BOXES, CONDUITORS, DEVICE PLATES.
- PROVIDE A 1/2" MINIMUM CLEARANCE FROM EACH RECESSED LIGHTING FIXTURE TO JUNCTION BOX ABOVE CEILING.
- ALL CONDUITS NOT LOCATED UNDER SLAB SHALL HAVE A MINIMUM BURIAL DEPTH OF 36" UNLESS NOTED OTHERWISE.
- ALL SAFETY SWITCH DISCONNECTS LOCATIONS SHALL HAVE 3'-0" MIN. OF WORKING SPACE IN FRONT OF DISCONNECT. COORDINATE WITH MECHANICAL CONTRACTOR AND EXHAUST LOCATIONS.
- FINAL CONDUIT CONNECTIONS TO HEAT PUMPS, AIR HANDLERS, EXHAUST FANS, AND WATER HEATERS SHALL BE FLEXIBLE OR METAL. LOCATE RIGHT IN PLUMBABLE, OUTSIDE AND OTHER DRAIN AND VENT LOCATIONS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION AND SIZE OF EQUIPMENT WHICH ARE PROVIDED BY OTHERS AND CONNECTED BY ELECTRICAL.
- RECEPTACLES, SWITCHES AND COVER PLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO BEGINNING WORK ON SWITCHES.
- CONDUITS LEAVING OR ENTERING BUILDING SHALL BE SEALED PER I.E.C. TO PREVENT ENTRANCE OF WEATHER.
- ALL EXHAUST FAN DISCONNECTS AND OVERLOADS ARE SCHEDULED TO BE PROVIDED UNDER DIVISION 12. COORDINATE MOUNTING HEIGHT OF ALL RECEPTACLES AND DATA OUTLETS WITH OWNERS FURNITURE LAYOUT.
- THE USE OF MC CABLE IS TO BE LIMITED TO FINAL CONNECTION TO LIGHT FIXTURES AND EQUIPMENT ONLY. NO MC CABLE IS TO BE RUN IN WALLS OR IN BRANCH CIRCUIT.
- COORDINATE MOUNTING HEIGHT OF ALL RECEPTACLES AND DATA OUTLETS WITH OWNERS FURNITURE LAYOUT.
- REFER TO ARCHITECTURAL PLANS FOR DEMOLITION.
- VERIFY ALL DIMENSIONS AND CLEARANCES WITH ARCHITECT AND OWNER.
- SEAL ALL WALL PENETRATIONS WITH AN APPROVED GASKET COMPATIBLE EQUAL TO 3/4" FIRE BARRIER CALLING.
- REFER TO ARCHITECTURAL PLANS FOR GROUND.
- COORDINATE WITH ALL OTHER TRADES FOR FINAL LOCATION OF EQUIPMENT.
- COORDINATE PHASING OF PROJECT WITH ARCHITECTURAL PLANS. ALL WORK IN CURRENT PHASE OF CONSTRUCTION NEEDED FOR NEXT PHASE OF CONSTRUCTION SHOULD BE COMPLETED IN CURRENT PHASE.

FIRE ALARM DEVICES

MARK	DESCRIPTION:
⊕	FIRE ALARM CONTROL PANEL
⊕	FIRE ALARM DOUBLE ACTION MANUAL PULL STATION MOUNTED 48" AFF.
⊕	FIRE ALARM HORN/STROBE MOUNTED AT MINIMUM OF 8'-0" AFF. ** REPRESENT THE STROBE LAMP CANDLE RATING
⊕	WATER PROOF FIRE ALARM HORN/STROBE MOUNTED AT MINIMUM OF 8'-0" AFF. ** REPRESENT THE STROBE LAMP CANDLE RATING
⊕	FIRE ALARM AREA PHOTOELECTRIC SMOKE DETECTOR
⊕	SPRINKLER SYSTEM FLOW SWITCH
⊕	SPRINKLER SYSTEM TAMPER SWITCH

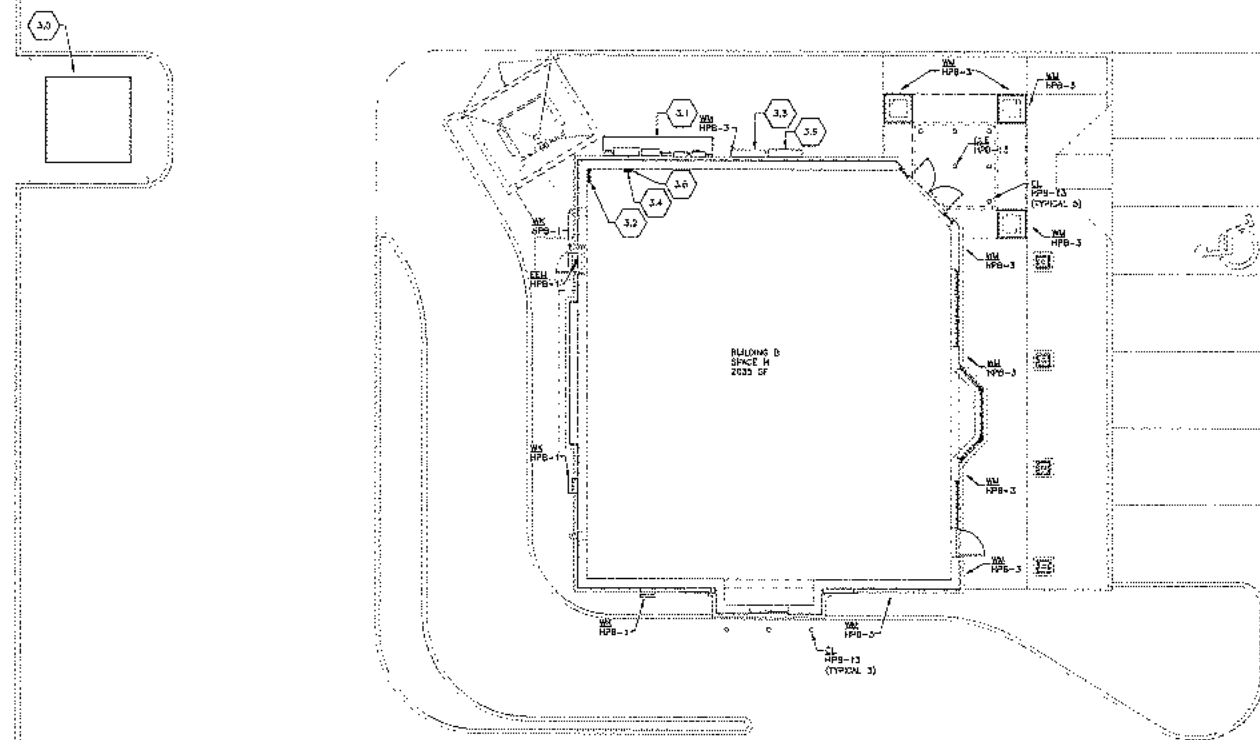
PROPOSED
VILLAGE OF EDEN OAK
 BUILDING B SHELL
 SLIDELL, LOUISIANA 70468
 ST. TAMMANY PARISH

REVISIONS



FILE 4112
 DATE 4/NE 21, 2024
 SHEET

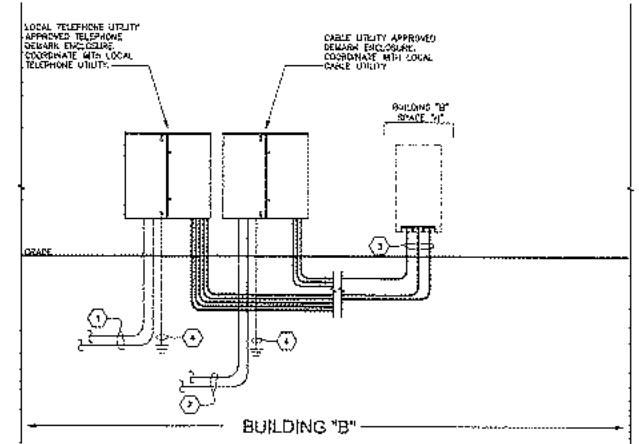
E1.0



- 3.0 PAD MOUNTED UTILITY TRANSFORMER FOR BUILDING "B". FIELD VERIFY FINAL LOCATION WITH LOCAL ELECTRICAL UTILITY COMPANY PRIOR TO BID AND RUSH-IN.
- 3.1 ELECTRICAL SERVICE EQUIPMENT FOR BUILDING "B". REFER TO RISER DIAGRAM THIS SHEET. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.
- 3.2 ELECTRICAL SERVICE CONDUIT SUB-UP, 4-4" CONDUITS WITH PULL STRING. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.
- 3.3 TELEPHONE SERVICE ENCLOSURE BUILDING "C". REFER TO TELEPHONE RISER DIAGRAM THIS SHEET. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.
- 3.4 TELEPHONE SERVICE SUB-UP, 2-3" CONDUITS WITH PULL STRING. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.
- 3.5 CABLE TV SERVICE ENCLOSURE, QUADRA 4. REFER TO CABLE TV RISER DIAGRAM THIS SHEET. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.
- 3.6 CABLE TV SERVICE SUB-UP, 3-3" CONDUITS WITH PULL STRING. FIELD VERIFY FINAL LOCATION PRIOR TO RUSH-IN.

ELECTRICAL PLAN (BUILDING "B")

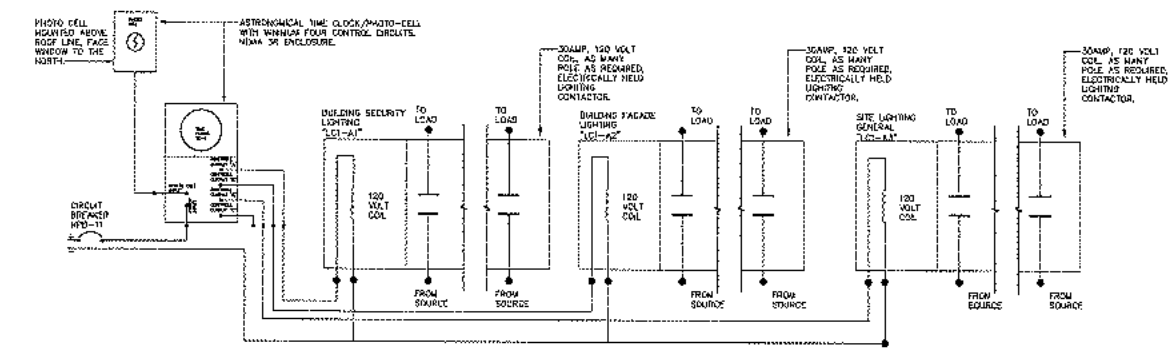
SCALE: 1/8" = 1'-0"



- 1 CONTRACTOR TO PROVIDE 2-4" CONDUITS WITH PULL STRINGS FROM TELEPHONE ENCLOSURE TO UTILITY CONNECTION POINT. COORDINATE THIS CONNECTION POINT WITH TELEPHONE COMPANY PRIOR TO BID AND RUSH-IN.
- 2 CONTRACTOR TO PROVIDE 2-3" CONDUITS WITH PULL STRINGS FROM CABLE TV ENCLOSURE TO CABLE TV PROVIDER CONNECTION POINT. COORDINATE THIS CONNECTION POINT WITH LOCAL CABLE TV PROVIDER PRIOR TO BID AND RUSH-IN.
- 3 2-3" CONDUIT WITH PULL STRING FROM TELEPHONE SERVICE ENCLOSURE TO TENANT FUTURE TENANT TELEPHONE BACKBOARD AND 1-3" CONDUIT WITH PULL STRING FROM CABLE TV SERVICE ENCLOSURE TO TELEPHONE BACKBOARD.
- 4 1-#6 GND TO SERVICE COMMON GROUND ELECTRODE.

TELEPHONE/CABLE TV SERVICE RISER DIAGRAMS (BUILDING "B")

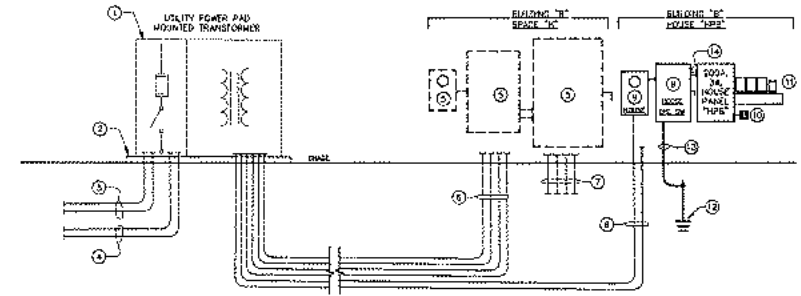
SCALE: NOT TO SCALE



TIME CLOCK DETAILS (BUILDING "B")

SCALE: NOT TO SCALE

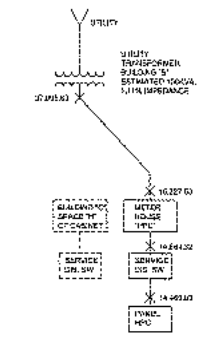
NOTE: REFER TO PANEL SCHEDULES FOR DISCRETS TO BE CONTROLLED BY LIGHTING CONTRACTORS.



- 1 LOCAL ELECTRICAL UTILITY PAD MOUNTED TRANSFORMER. FIELD VERIFY FINAL LOCATION WITH LOCAL ELECTRICAL UTILITY COMPANY PRIOR TO BID AND RUSH-IN.
- 2 PROVIDE CONDUIT PAD FOR LOCAL ELECTRICAL UTILITY COMPANY PAD MOUNTED TRANSFORMER. LONGEST PAD TO BE BUILT PER LOCAL ELECTRICAL UTILITY COMPANY SPECIFICATIONS.
- 3 PROVIDE CONDUIT WITH PULL STRING FROM PRIMARY COMPARTMENT OF PAD MOUNTED TRANSFORMER TO CONNECTION POINT WITH LOCAL ELECTRICAL UTILITY COMPANY. FIELD VERIFY CONNECTION POINT WITH LOCAL ELECTRICAL UTILITY PRIOR TO RUSH-IN. INSTALL CONDUIT PER LOCAL ELECTRICAL UTILITY SPECIFICATIONS.
- 4 FEED 1/2" CONDUIT, PROVIDE CONDUIT WITH PULL STRING FROM PRIMARY COMPARTMENT OF PAD MOUNTED TRANSFORMER TO NEAT PAD MOUNTED TRANSFORMER. CONDUIT SIZE AND QUANTITY BY LOCAL UTILITY COMPANY. FIELD VERIFY WITH LOCAL ELECTRICAL UTILITY PRIOR TO RUSH-IN.
- 5 FUTURE ELECTRICAL SERVICE DISCONNECT SWITCH, 10 AMP, 120 VOLT, 1-PHASE, 3-WIRE. FIELD VERIFY FINAL LOCATION.
- 6 4 RUNS OF 4" CONDUIT WITH PULL STRING FROM PAD MOUNTED TRANSFORMER TO FUTURE SERVICE LOCATION. CAP CONSULT WITH WATER TIGHT CAP. FIELD VERIFY FINAL LOCATION.
- 7 4 RUNS OF 4" CONDUIT WITH PULL STRING FROM FUTURE SERVICE LOCATION TO INTERIOR OF TENANT SPACE. CAP CONSULT WITH WATER TIGHT CAP. FIELD VERIFY FINAL LOCATION.
- 8 4-#10 IN 3" CONDUIT FROM PAD MOUNTED TRANSFORMER TO HOUSE METER LOCATION. PROVIDE SPARE 3" CONDUIT WITH PULL STRING TO PAD MOUNTED TRANSFORMER. CAP CONSULT WITH WATER TIGHT CAP. FIELD VERIFY FINAL LOCATION.
- 9 HOUSE ELECTRICAL SERVICE CONSISTING OF 208/120 VOLTS, 200 AMPS, 3-PHASE, 4-WIRE, 120/240 VOLT, 200 AMP, 14 AMP, 15 AMP, 20 AMP, 30 AMP, 40 AMP, 50 AMP, 60 AMP, 70 AMP, 80 AMP, 90 AMP, 100 AMP, 110 AMP, 120 AMP, 130 AMP, 140 AMP, 150 AMP, 160 AMP, 170 AMP, 180 AMP, 190 AMP, 200 AMP, 210 AMP, 220 AMP, 230 AMP, 240 AMP, 250 AMP, 260 AMP, 270 AMP, 280 AMP, 290 AMP, 300 AMP, 310 AMP, 320 AMP, 330 AMP, 340 AMP, 350 AMP, 360 AMP, 370 AMP, 380 AMP, 390 AMP, 400 AMP, 410 AMP, 420 AMP, 430 AMP, 440 AMP, 450 AMP, 460 AMP, 470 AMP, 480 AMP, 490 AMP, 500 AMP, 510 AMP, 520 AMP, 530 AMP, 540 AMP, 550 AMP, 560 AMP, 570 AMP, 580 AMP, 590 AMP, 600 AMP, 610 AMP, 620 AMP, 630 AMP, 640 AMP, 650 AMP, 660 AMP, 670 AMP, 680 AMP, 690 AMP, 700 AMP, 710 AMP, 720 AMP, 730 AMP, 740 AMP, 750 AMP, 760 AMP, 770 AMP, 780 AMP, 790 AMP, 800 AMP, 810 AMP, 820 AMP, 830 AMP, 840 AMP, 850 AMP, 860 AMP, 870 AMP, 880 AMP, 890 AMP, 900 AMP, 910 AMP, 920 AMP, 930 AMP, 940 AMP, 950 AMP, 960 AMP, 970 AMP, 980 AMP, 990 AMP, 1000 AMP.
- 10 600 OHM RECEPTACLE WITH IN-USE WATER PROOF ENCLOSURE.
- 11 TIME CLOCK "TE-C" AND LIGHTING CONTRACTORS "LC-C1", "LC-C2" AND "LC-C3".
- 12 GROUNDING ELECTRODE CONSISTING OF METAL UNDERGROUND WATER PIPE, METAL FRAME OF BUILDING, CONCRETE-ENCASED ELECTRODE AND GROUND ROD (3/4" DIA X 10'-0" LONG) CORNER CLAD "TERRAZZO" GROUND ROD GIVEN SUCH THAT TOP OF ROD IS 3" BELOW FINISHED GRADE. TYPICAL FOR 3 RODS MOUNTED TO FEET AWARDS ALL GROUNDING SHALL MEET THE REQUIREMENTS OF NEC, SECTION 250.
- 13 1-#2 GND.
- 14 1-#6 GND TO 1-#2 GND IN 3" CONDUIT.

ELECTRICAL RISER (BUILDING "B")

SCALE: NOT TO SCALE



AVAILABLE FAULT CURRENT CALCULATIONS

SCALE: NOT TO SCALE

CIRCUIT SCHEDULE PANEL "HPB"														
PHASE: 3 WIRE: 4, SOLID NEUTRAL					MAIN: LUBS ONLY VOLT: 208 / 120 AMP RATING: 200 AIC RATING: 22,000					BUS: COPPER BREAKERS: BOLT ON ENCLOSURE: NEMA 3B MOUNTING: SURFACE				
NOTES	LOAD DESCRIPTION	CONDUIT	WIRE SIZE	CTY. BR.	CTY. NO.	PH. "A"	PH. "B"	PH. "C"	CTY. NO.	CTY. BR.	WIRE SIZE	CONDUIT	LOAD DESCRIPTION	NOTES
1	10 REAR WALL PACKS	3/4"	12	12	20/1	1	0.1	1/1	2	20/1			SPARE	
2	10 FRONT SECTIONS	3/4"	10	10	20/1	2	0.2	1/1	3	20/1			SPARE	
3	10 PARKING LOT	1"	8	8	20/1	5	0.3	1/1	6	20/1			SPARE	
3	10 PARKING LOT	1"	8	8	20/1	7	0.2	1/1	8	20/1			SPARE	
3	10 PARKING LOT	1"	8	8	20/1	9	0.2	1/1	10	20/1			SPARE	
2	TIME CLOCK/CONTACTOR	1/2"	12	12	20/1	11	0.4	1/1	12	20/1			SPARE	
2	10 UNDER CANOPY	3/4"	10	10	20/1	13	0.4	1/1	14	20/1			SPARE	
	REL.	1/2"	12	12	20/1	15	0.4	1/1	16	20/1			SPARE	
						17	1/1		18					
						19	1/1		20					
						21	1/1		22					
						23	1/1		24					
						25	1/1		26					
						27	1/1		28					
						29	1/1		30					
						31	1/1		32					
						33	1/1		34					
						35	1/1		36					
						37	1/1		38					
						39	1/1		40					
						41	1/1		42					
TOTAL (KVA)						6.7	6.8	6.4						
TOTAL (AMPS)						6.7	7.1	3.7						

- 1. CIRCUIT THROUGH LIGHTING CONTACTOR "LC-C1"
- 2. CIRCUIT THROUGH LIGHTING CONTACTOR "LC-C2"
- 3. CIRCUIT THROUGH LIGHTING CONTACTOR "LC-C3"