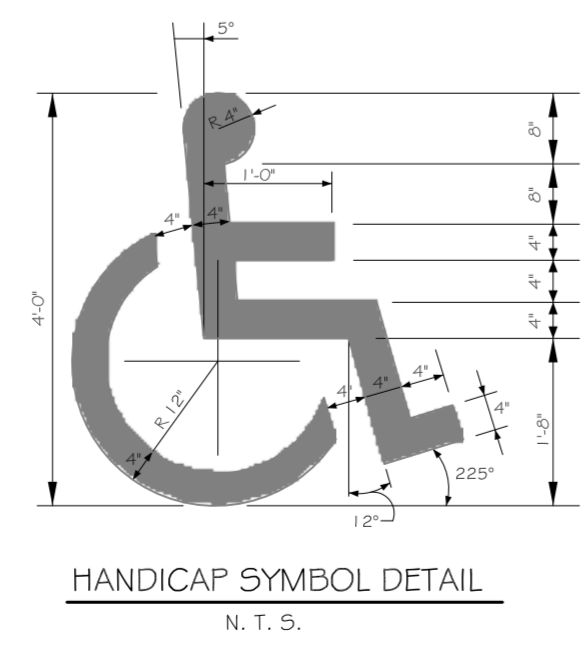
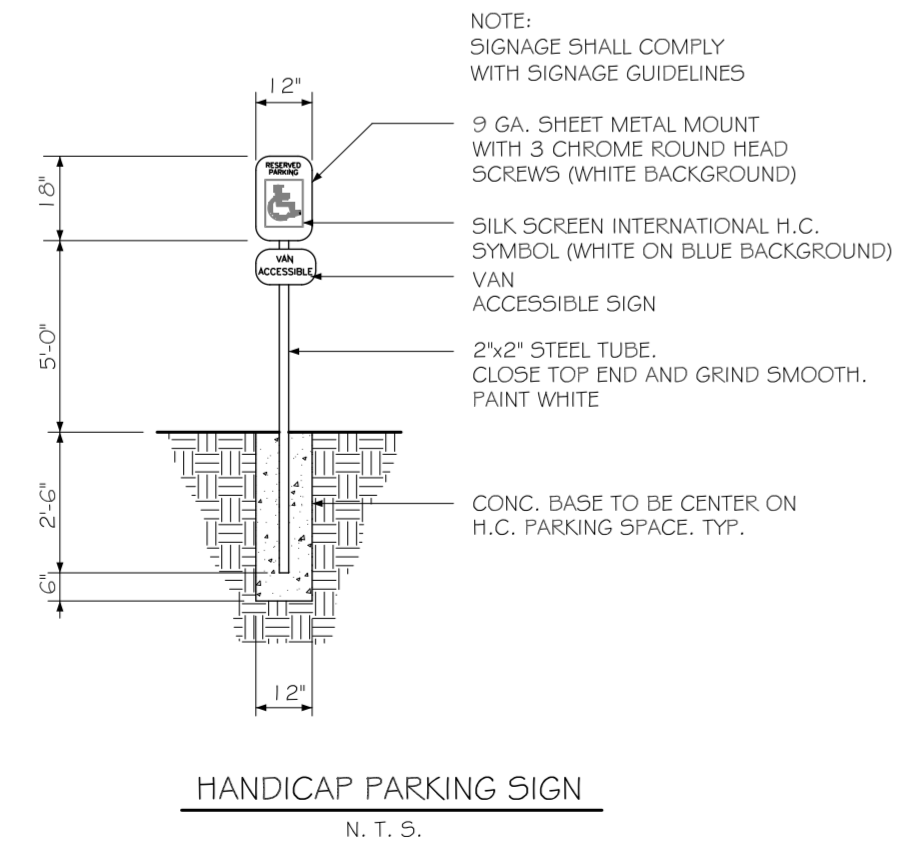


PARKING REQUIREMENTS
 MERCANTILE - 1 PER THREE HUNDRED SQUARE FT. = 27
 TOTAL PARKING REQUIRED = 27 SPACES INCLUDING
 2 HANDICAP ACCESSIBLE. TOTAL PROVIDED = 45

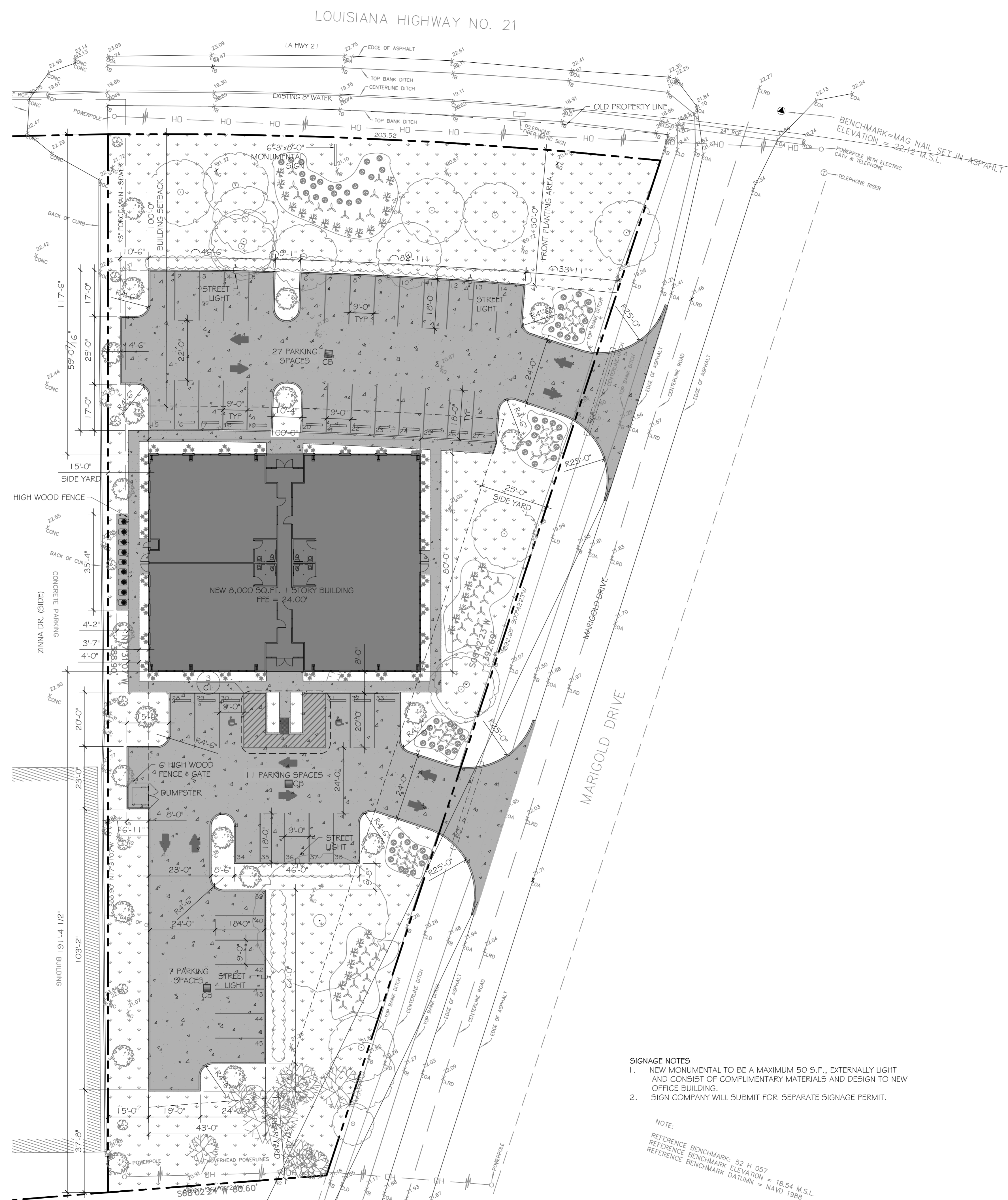
NOTE:
 ALL CONCRETE PAVEMENT SHALL BE 5" THICK CONCRETE EXCEPT FROM PROPERTY LINE TO STREET SHALL BE 6" THICK CONCRETE.

SITE PLAN NOTES
 1. ROOFING MATERIAL: METAL ROOFING PANEL
 2. SIDING MATERIAL: STUCCO & ALUM STOREFRONT
 3. UTILITIES: ALL UTILITIES SHALL BE PLACED UNDERGROUND



SITE LIGHTING
 EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE. (N/A FOR THIS PARTICULAR JOB)

2 SITE DETAILS
 SCALE: N.T.S.



SIGNAGE NOTES
 1. NEW MONUMENTAL TO BE A MAXIMUM 50 S.F., EXTERNALLY LIGHT AND CONSIST OF COMPLIMENTARY MATERIALS AND DESIGN TO NEW OFFICE BUILDING.
 2. SIGN COMPANY WILL SUBMIT FOR SEPARATE SIGNAGE PERMIT.

NOTE:
 REFERENCE BENCHMARK: 52 H 057
 REFERENCE BENCHMARK ELEVATION = 18.54 M.S.L.
 REFERENCE BENCHMARK DATUM = NAVD 1988

1 SITE PLAN
 SCALE: 1" = 200'

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
 LOT 266 MARIGOLD DRIVE
 COVINGTON, LA

#	DESCRIPTION	DATE

JOB No: 2176
 DATE: 09-23-2013
 DRAWN BY: KJK
 CHECKED BY: KJK

SITE PLAN & DETAILS
 SHEET No: 5 of 22

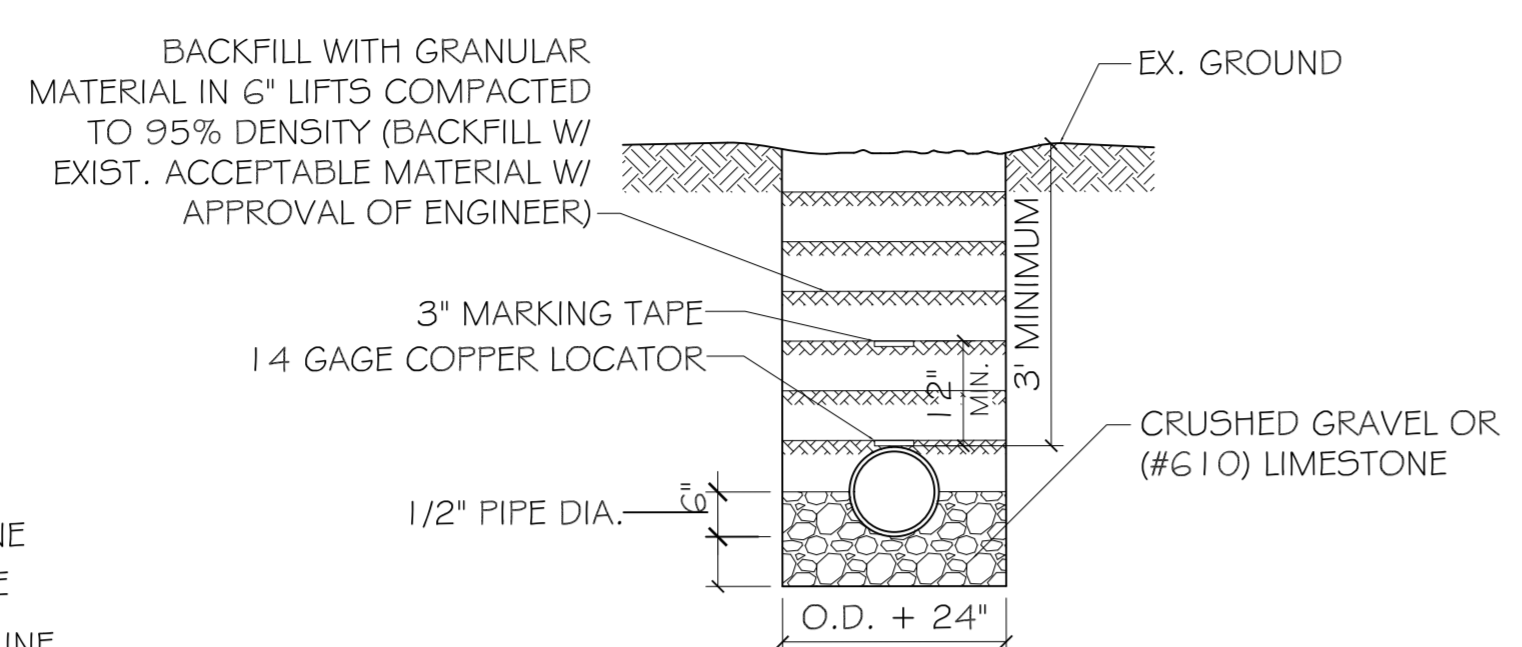
CI

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 FAX: 985-641-9950

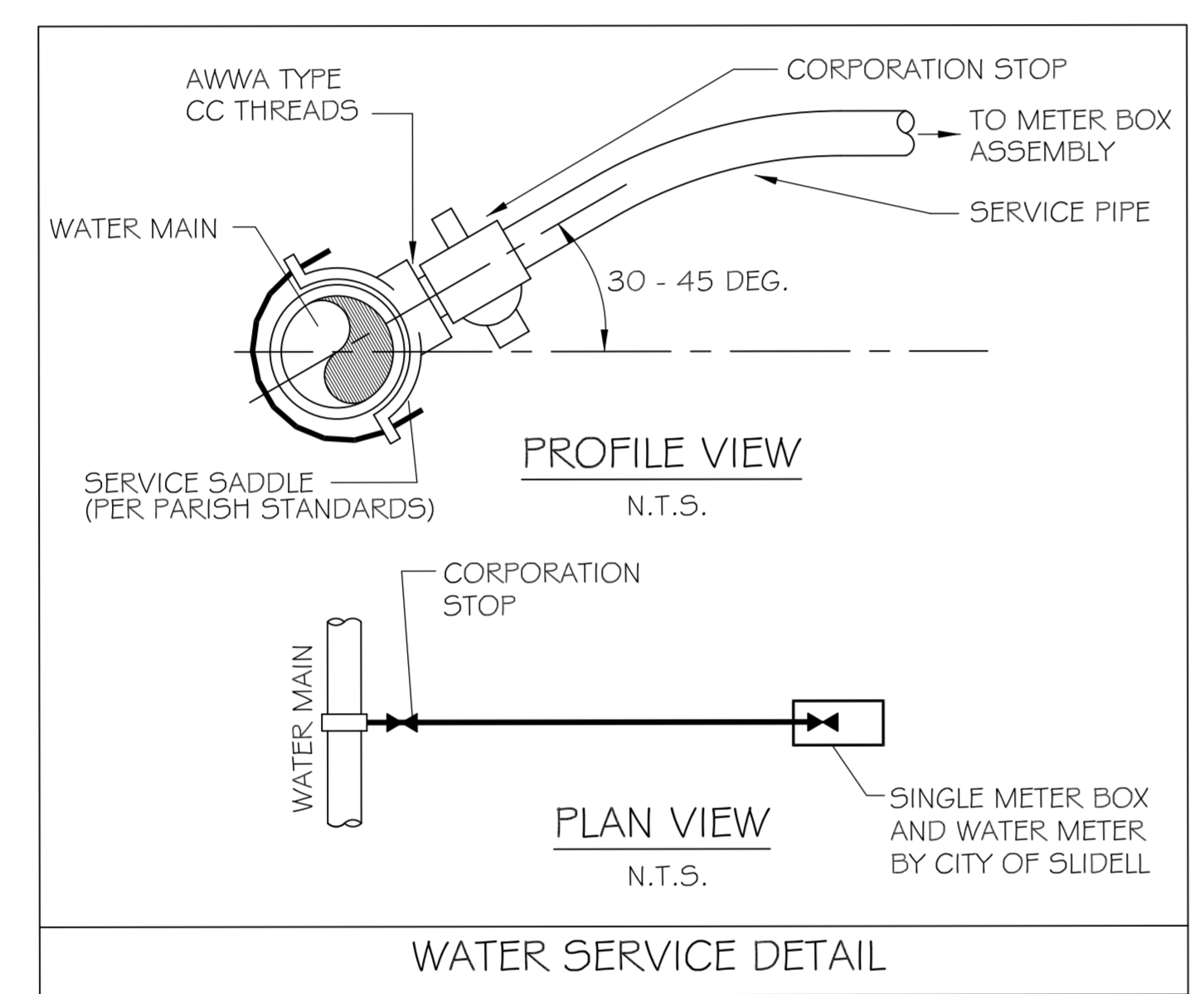
CHIEF ENGINEER: EMMETT DAMMON, P.E.
 CHIEF ARCHITECT: KEVIN KINCHEN, NCARB
 554 OLD SPANISH TRAIL
 SUDELL, LA 70458

- UTILITY LEGEND**
- — — — — PROPERTY LINE
 - — — — — SETBACK LINE
 - W — NEW WATER LINE
 - S — NEW SEWER LINE
 - E — NEW POWER LINE
 - - - - - TEMPORARY SILT FENCING
 - - - - - NEW DRAIN LINE
 - — — — — 6" OPAQUE FENCE



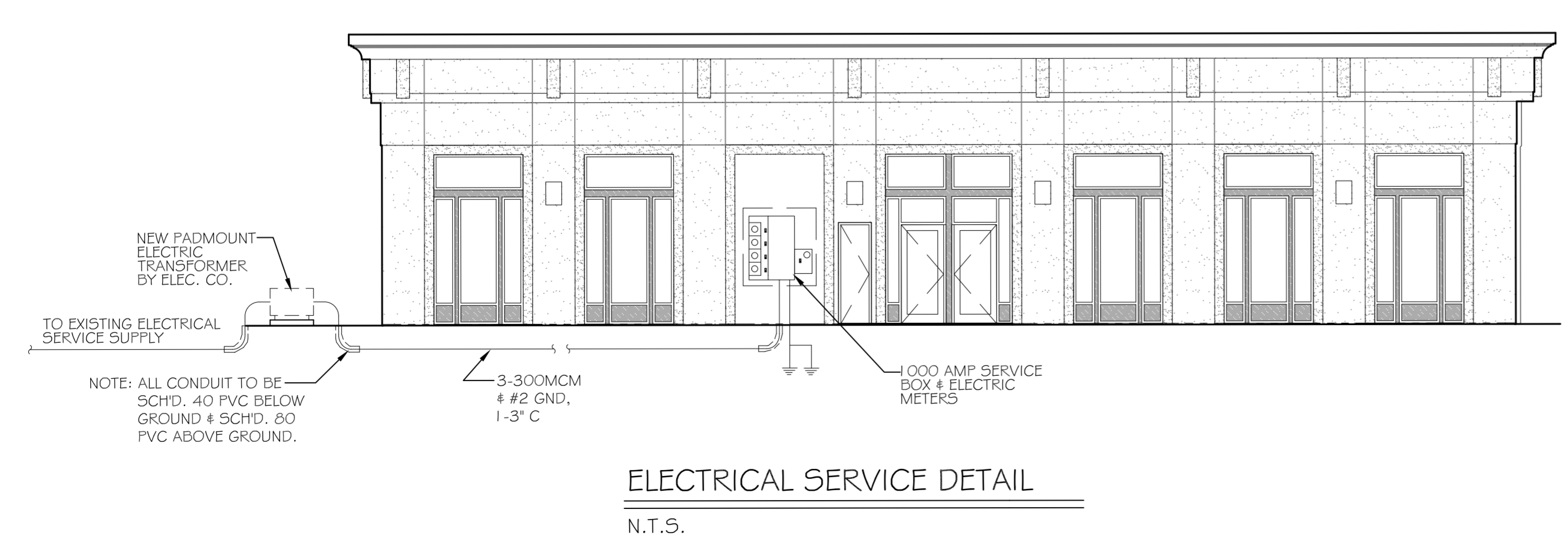
NOTE: A MINIMUM 10' HORZ. AND 18" VERT. SEPARATION IS REQUIRED BETWEEN WATER AND SEWER LINES.

PIPE BEDDING DETAIL FOR SEWER AND WATER
SCALE: N.T.S.

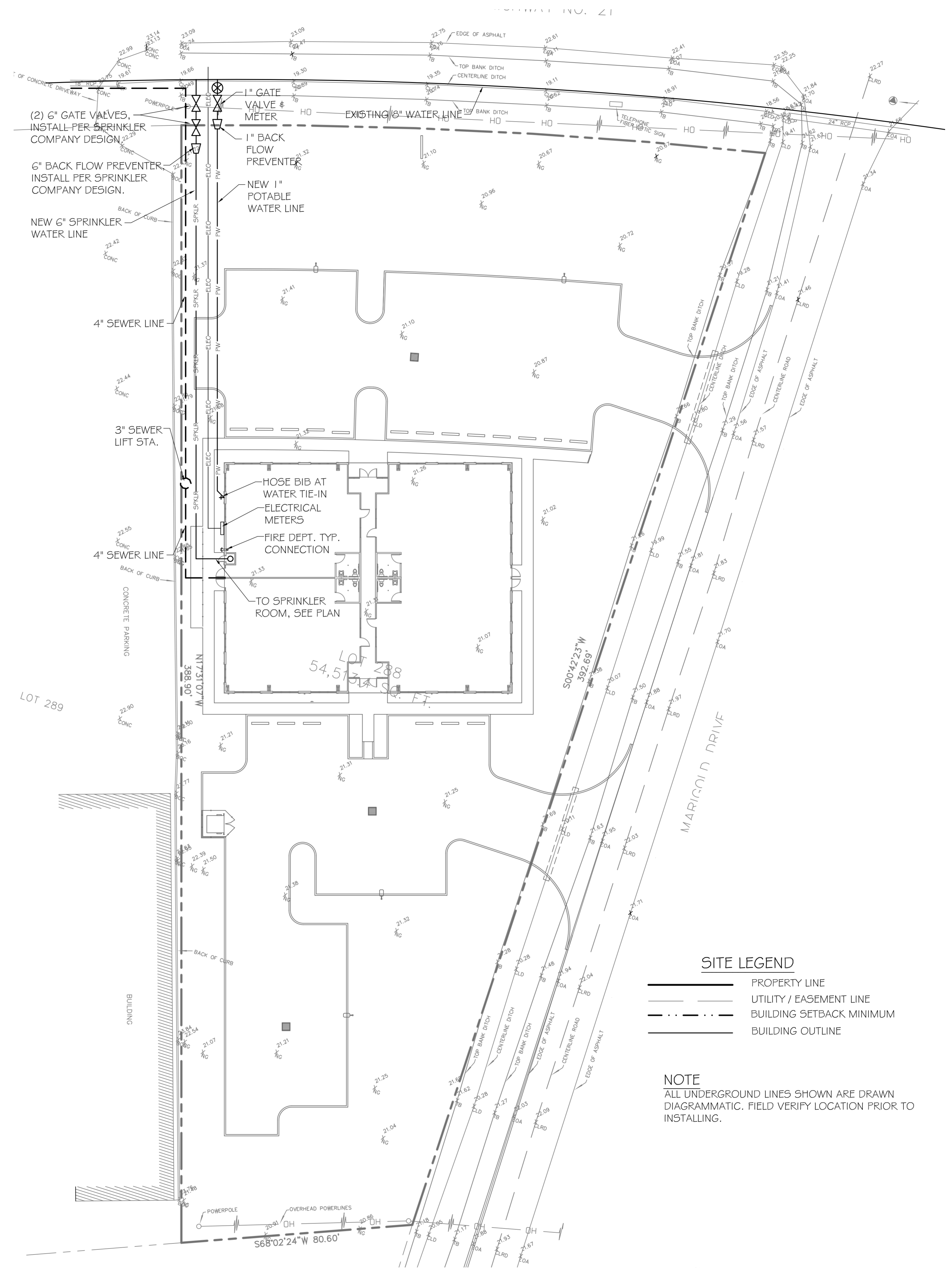


WATER SERVICE DETAIL
N.T.S.

- UTILITY NOTES:**
1. ELECTRICAL - SCH. 80 PVC CONDUIT WHERE PIPE IS EXPOSED OUTSIDE OF BUILDING WALL. TRANSITION BACK TO SCH. 40 PVC @ 90° PVC ELBOW BELOW GRADE. ALL 90° FITTINGS TO BE 36" LONG SWEEP TYPE.
 2. COORDINATE WITH ELEC. COMPANY REGARDING ELECTRICAL SERVICE CONNECTION.
 3. TIE THE NEW WATER SERVICE INTO EXISTING WATER MAIN, FIELD VERIFY LOCATION. SEE DETAIL THIS SHEET



ELECTRICAL SERVICE DETAIL
N.T.S.



- SITE LEGEND**
- — — — — PROPERTY LINE
 - — — — — UTILITY / EASEMENT LINE
 - - - - - BUILDING SETBACK MINIMUM
 - — — — — BUILDING OUTLINE

NOTE
ALL UNDERGROUND LINES SHOWN ARE DRAWN DIAGRAMMATIC. FIELD VERIFY LOCATION PRIOR TO INSTALLING.

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

#	DESCRIPTION	DATE

JOB No: 2178
DATE: 09-23-2013
DRAWN BY: KJK
CHECKED BY: KJK

SITE UTILITIES PLAN & DETAILS

SHEET No: 6 of 22

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CHIEF ENGINEER: BRADY DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KINGHEN, NCARB
554 OLD SPANISH TRAIL
SLIDELL, LA 70458

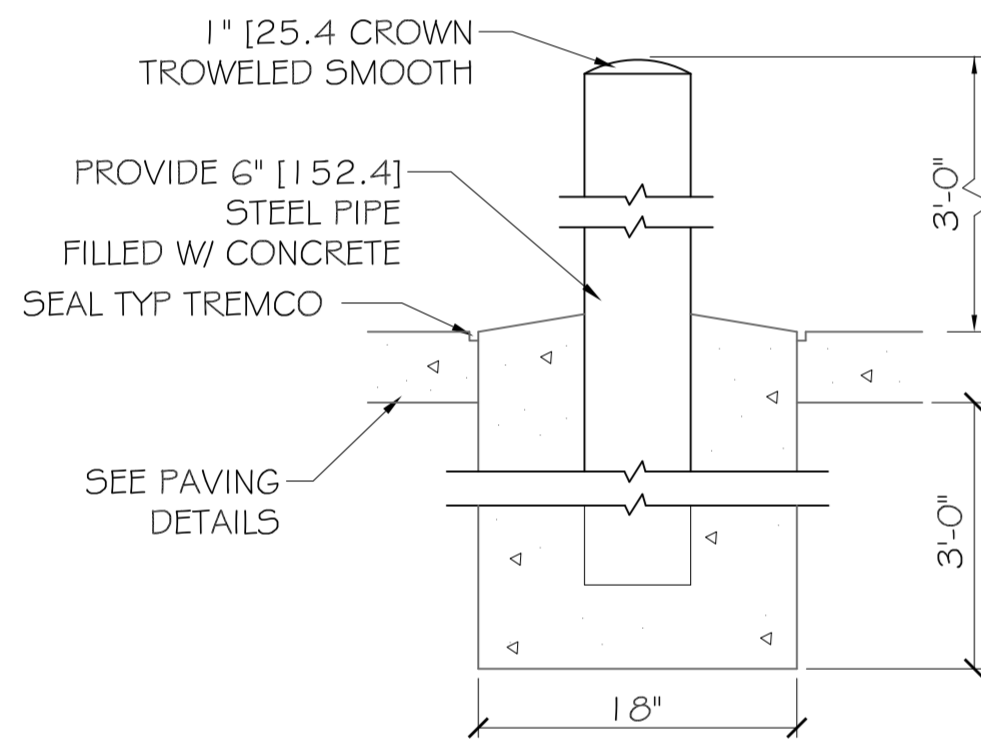
C2

PAVING NOTES:

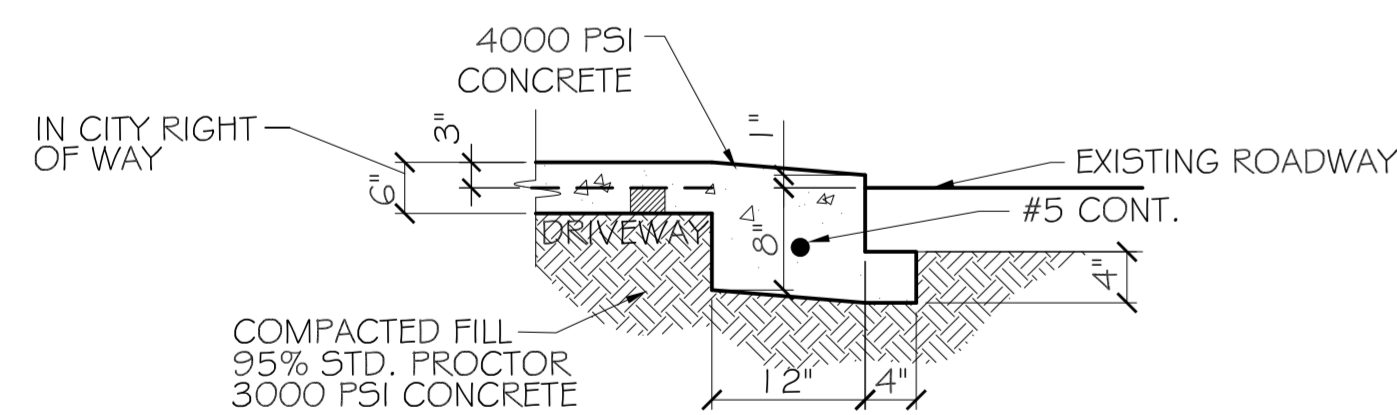
- 1) ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 5". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE I.
- 2) ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- 3) ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 4) ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
- 5) CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
- 6) ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEERING DIVISION, AND MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

PAVING LEGEND

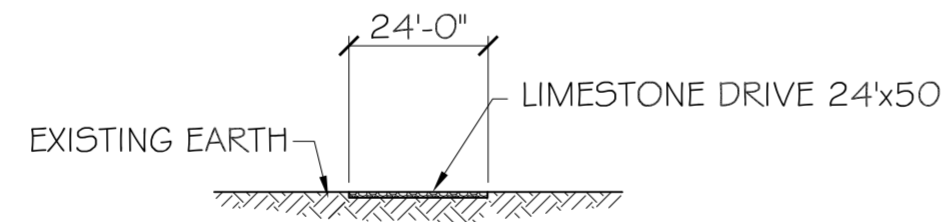
- PROPERTY LINE
- CONTROL JT.
- EXPANSION JT.
- TEMPORARY SILT FENCING
- # - T.O. GRATE ELEVATION
- @ - INVERT ELEVATION
- 00.00 - NEW ELEVATIONS
- EL=00.00 - EXISTING ELEVATIONS
- - NEW DROP INLET w/TEMP. SILT FENCING



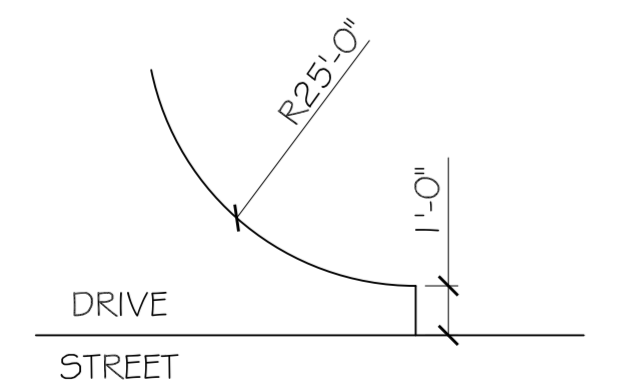
PIPE BOLLARD DETAIL
N. T. S.



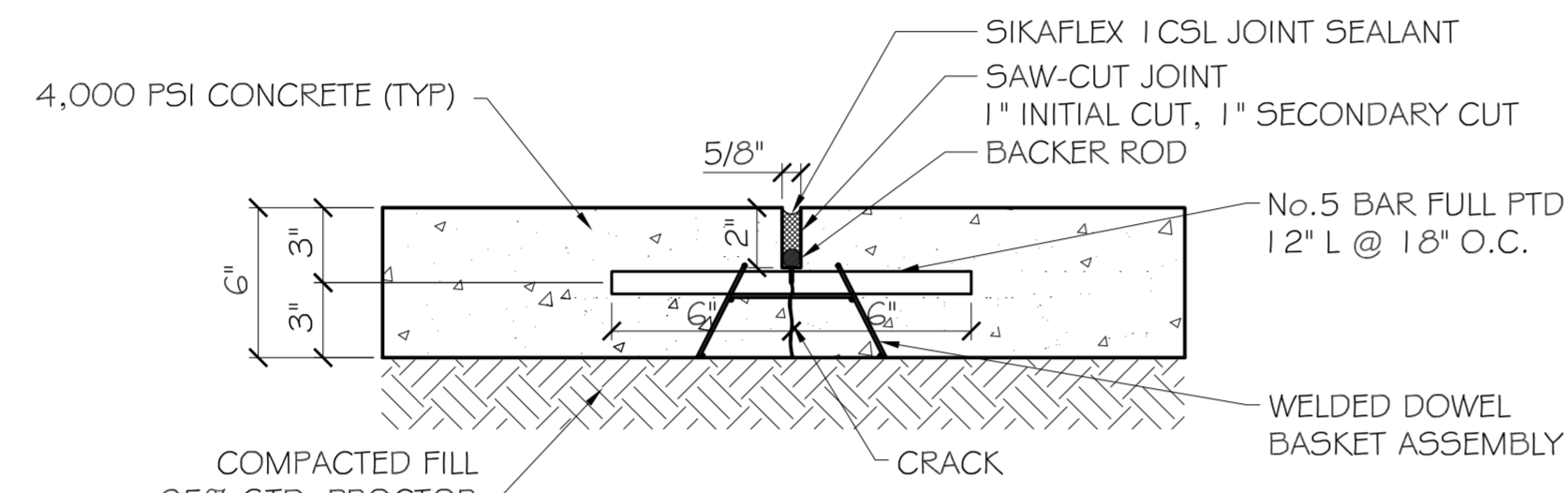
DRIVEWAY SECTION (DS)
N.T.S.



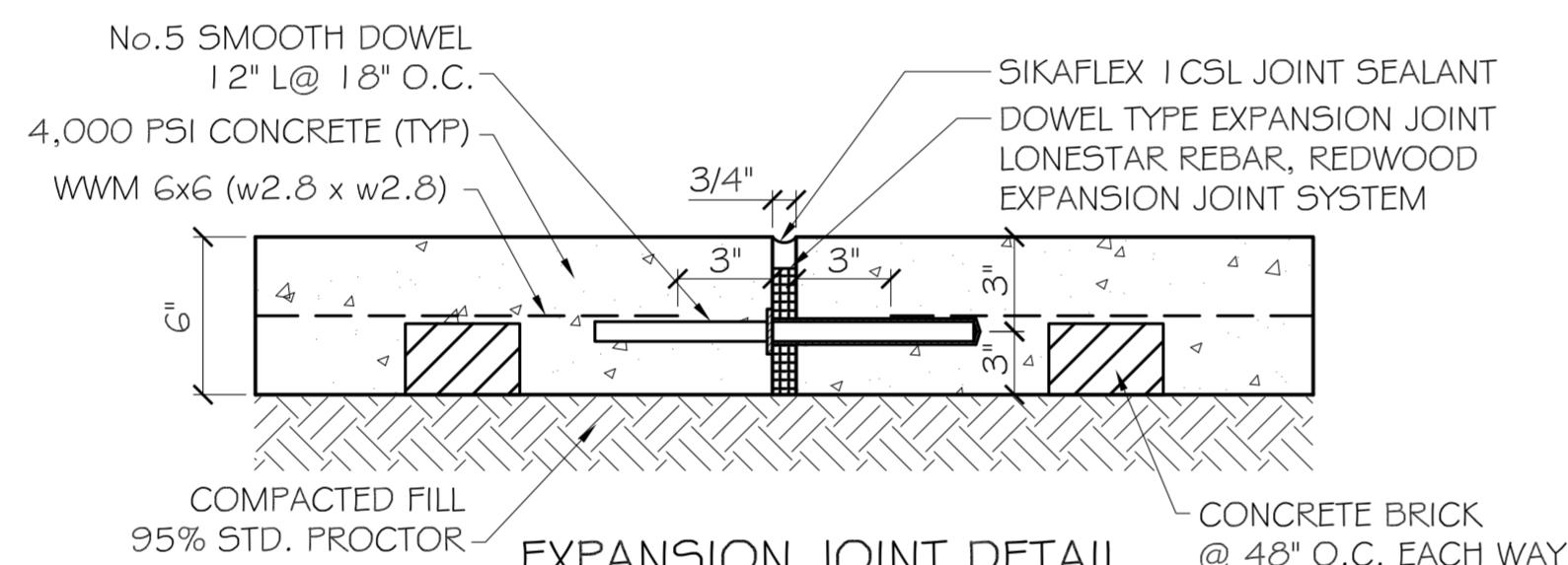
TEMP. ENTRANCE DETAIL
N.T.S.



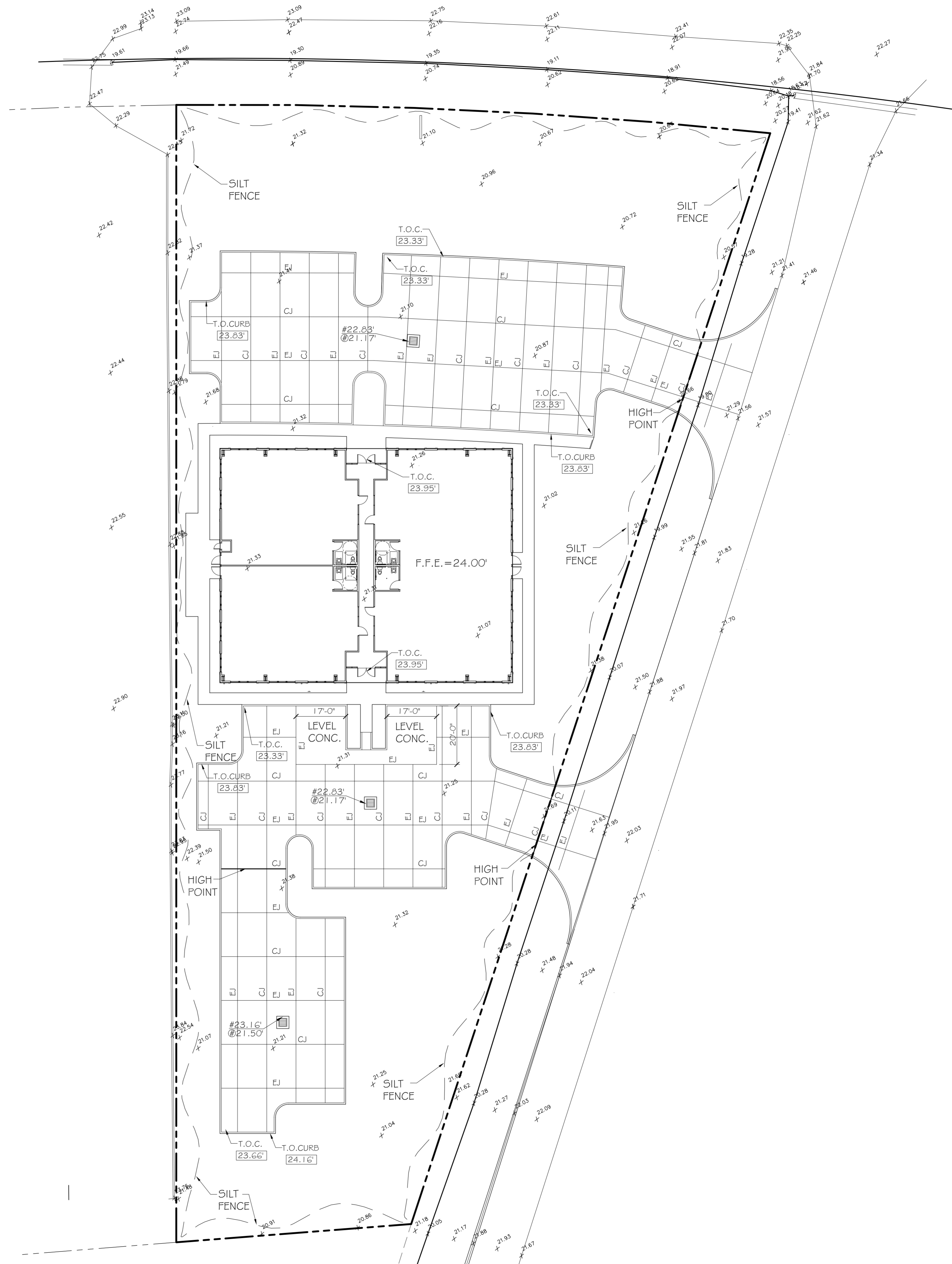
TYPICAL ENTRANCE DETAIL
N.T.S.



CONTROL JOINT DETAIL
N.T.S.



EXPANSION JOINT DETAIL
N.T.S.



NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

#	DESCRIPTION	REVISIONS	DATE

JOB No: 2178 DATE: 09-23-2013
DRAWN BY: JTL CHECKED BY: KJK

SITE PAVING PLAN & DETAILS

SHEET No: 7 of 22

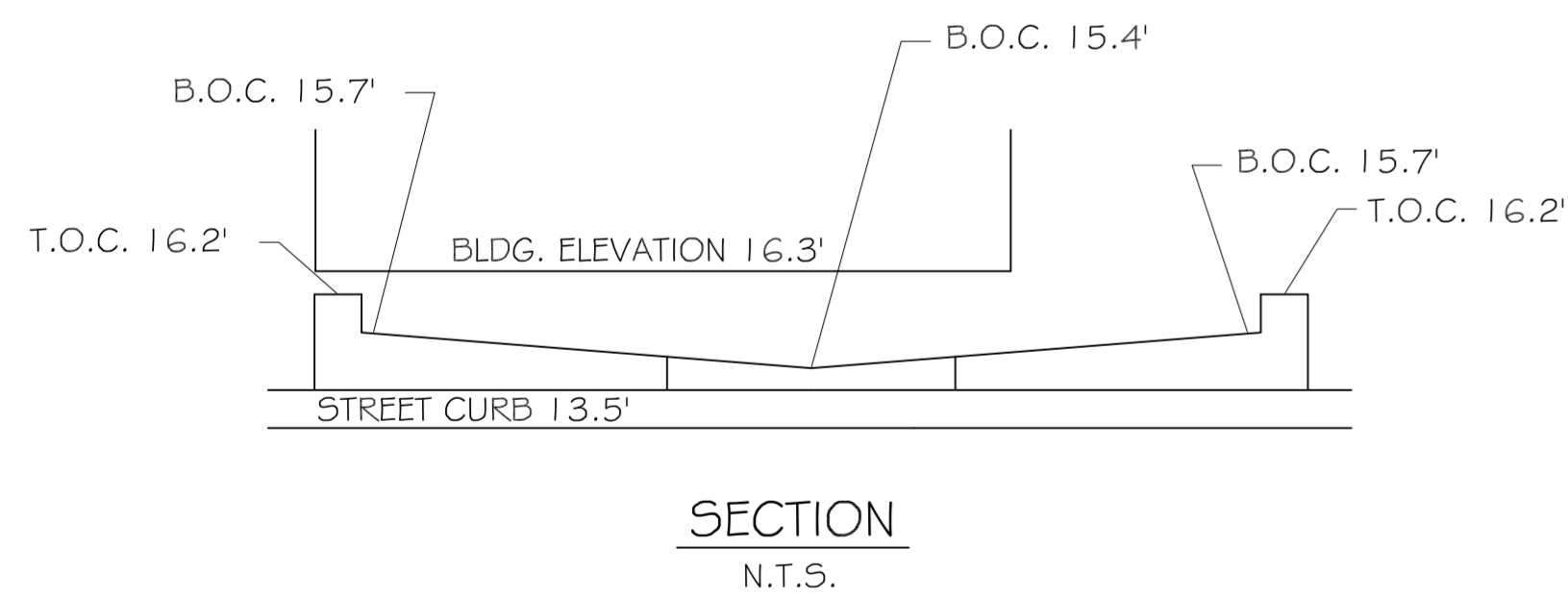
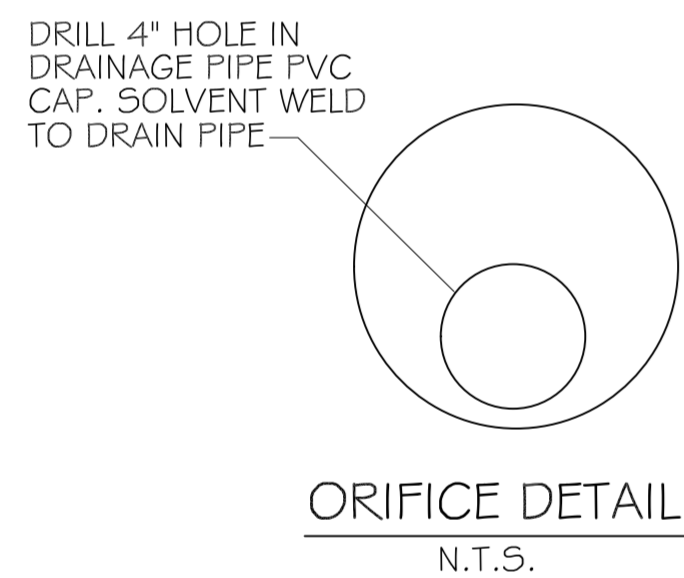
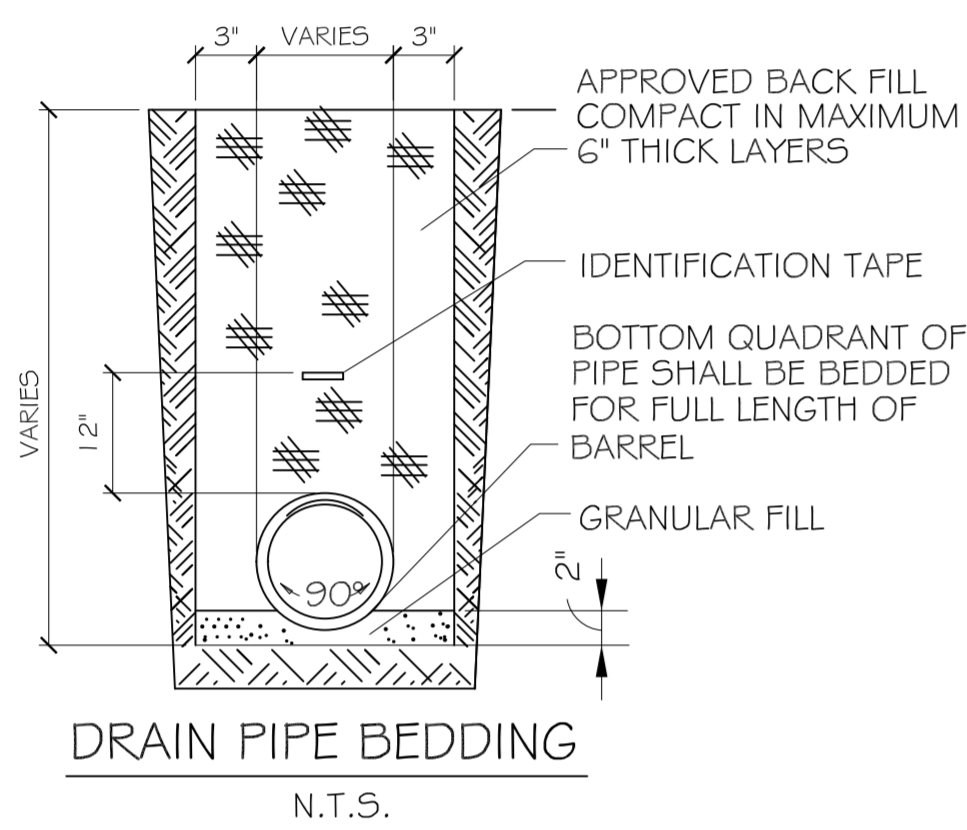
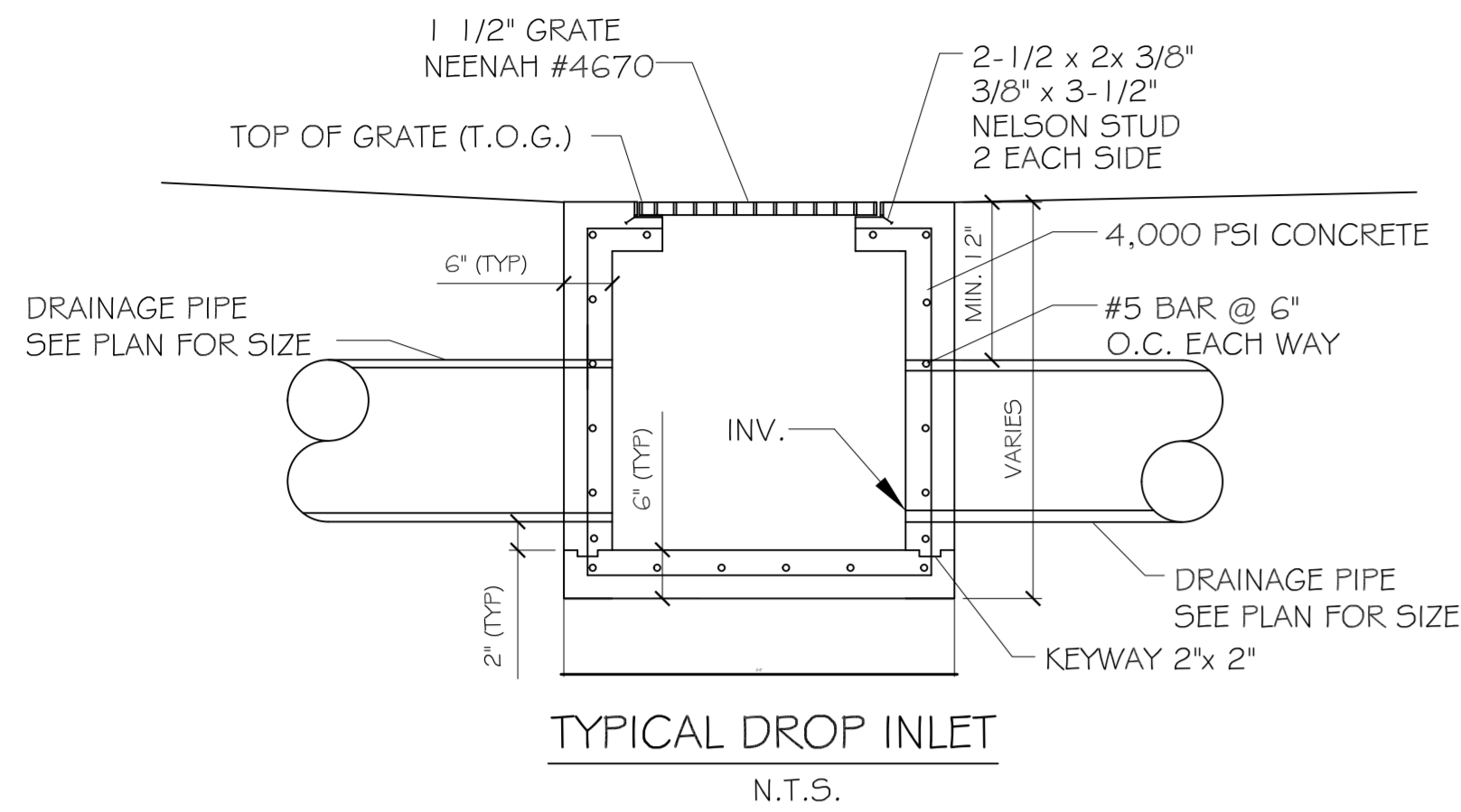
C3

DAMMON ENGINEERING, INC.
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CHIEF ARCHITECT: KEVIN KIRCHEN, NCARB

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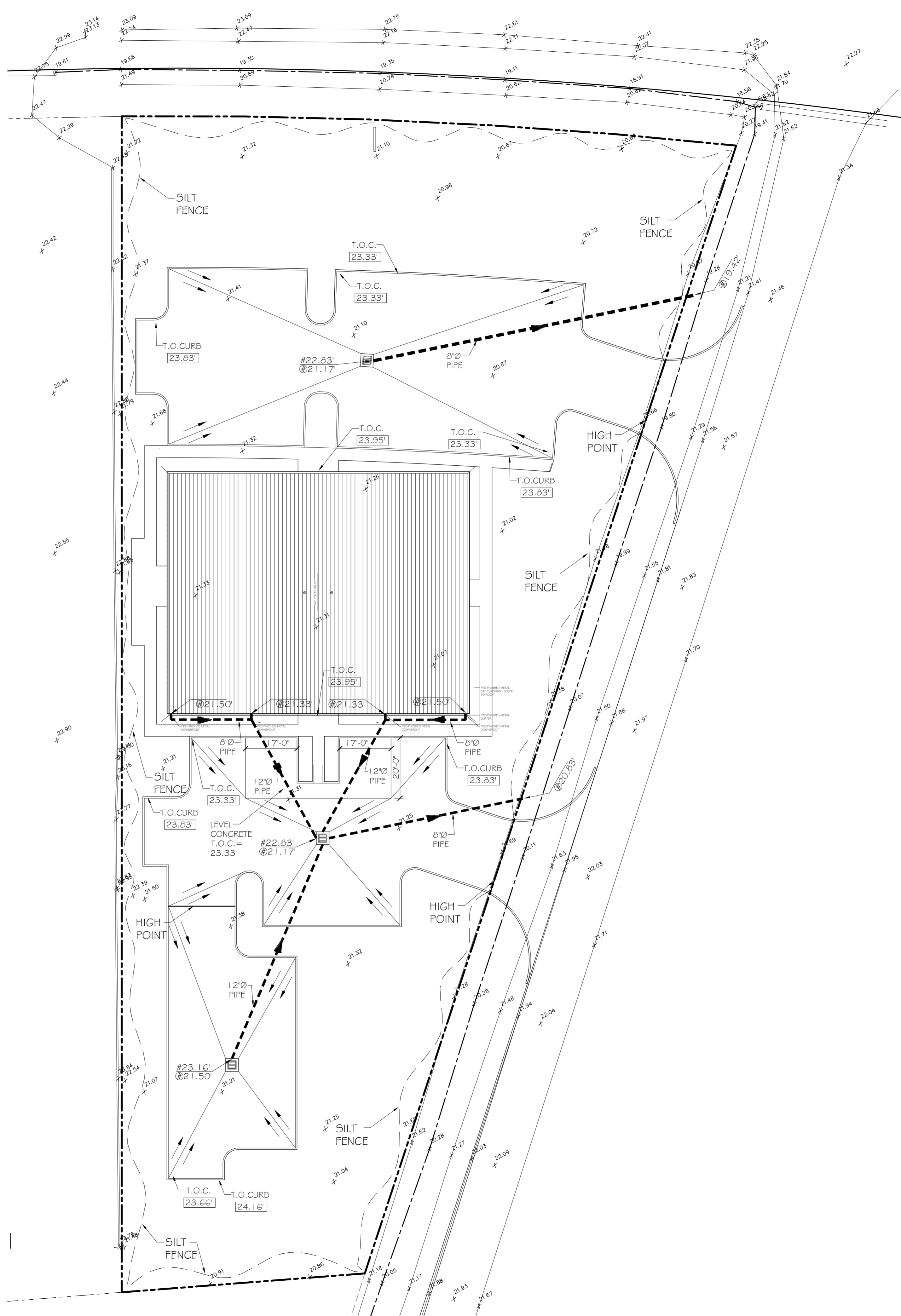
GUTTERS AND DOWN SPOUTS TO BE SEAMLESS ALUMINUM 24 GAUGE. COLOR TO BE SELECTED BY OWNER. GUTTERS TO BE "OGEE" IN CROSS SECTION, MINIMUM 6" WIDTH.

PROJECT: ADULI	
FORMULAS USED:	
[1] RATIONAL METHOD: $Q=Aci$	
where:	Q= Peak discharge of watershed in cubic feet per second (cfs) due to maximum storm assumed.
	A= Area of watershed in acres.
	c= Coefficient of run-off [2]
	i= Intensity of rainfall in inches per hour based on concentration time. [3]
[4] TCI: $(L^{0.8} (100 - 9)^{0.7}) / (1140 c^{0.5})$	
where:	TC= Time of concentration= time required for rain falling at most remote point to reach discharge point.
	c= Site run-off coefficient based on conditions shown.
	L= Percent slope of overland flow.
PRIOR DEVELOPMENT 25 Year Frequency	
Q ₁ = Aci	
Waterlight Surfaces	c(1) = 0.9 sqft = 0.000 Acres
Gravel Surface	c(2) = 0.25 sqft = 0.000 Acres
Green Space	c(3) = 0.15 54513.4 sqft = 1.251 Acres
Summary	c = 0.15 54513.4 sqft = 1.251 Acres
Duration (D) = Time of concentration (TC)	
where:	L = 388 run-off length ft Elev diff = 11
	c = 0.15 run-off coef
	S = 0.2577 percent slope
therefore	TC = D = 24.89 minutes
Expected rainfall intensity	i = 3.64 in/hr
Q ₁ =	0.683 cfs 10% reduction 0.608 cfs
POST DEVELOPMENT 25 Year Frequency	
Q ₂ = Aci	
Waterlight Surfaces	c(1) = 0.9 25487 sqft = 0.585 Acres
Gravel Surface	c(2) = 0.25 0 sqft = 0.000 Acres
Green Space	c(3) = 0.15 29046.4 sqft = 0.667 Acres
Summary	c = 0.50 54513.4 sqft = 1.251 Acres
Duration (D) = Time of concentration (TC)	
where:	L = 170 run-off length ft Elev diff = 11.5
	c = 0.50 run-off coef
	S = 0.8824 percent slope
therefore	TC = D = 10.22 minutes
Expected rainfall intensity	i = 3.64 in/hr
Q ₂ =	2.279 cfs
DETECTION REQUIREMENTS	
Detention required Q ₂ -Q ₁	1.60 cfs
ONE HOUR DETENTION	5745.91 cuft
DETECTION DIMENSIONS	WIDTH 84 feet
	LENGTH 186 feet
	DEPTH 6.37 feet
DISCHARGE END AREA REQUIREMENTS 10 Year Frequency	
[5] A = $Q / (c \sqrt{2gH})$	
where:	A= Discharge Area required
	g= Acceleration of gravity
	c= Discharge coefficient
	H= Hydraulic head
	Q= Flow volume from run-off
Pipe Servicing Site Drainage	Q = 0.068 cfs h = 1.50 feet
	c = 0.62 coefficient A = 0.011 sqft
	g = 32.16 ft/sec ²
REQUIRED CONDUIT =	1.43 inch inside diameter
References:	
1. Chen, W.F. The Civil Engineering Handbook, 1995. Eq # 31.1, pg. 1036	
2. Seelye, Elwyn E. Data Book for Civil Engineers, Vol. 1 1960. Tbl. B, pg. 18-02	
3. Seelye, Elwyn E. Data Book for Civil Engineers, Vol. 1 1960. Fig. B, pg. 18-01	
4. Chen, W.F. The Civil Engineering Handbook, 1995. Tbl. 31.2 Regan Equation (n=0.013)	
5. Chen, W.F. The Civil Engineering Handbook, 1995. Eq # 28.32, pg. 959	

- NOTES:
- 1) DRAIN PIPE & FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
 - 2) ELEVATIONS SHOWN ARE M.S.L.
 - 3) FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
 - 4) MUCK OUT 24" DEEP FOR FOUNDATION PAD MINIMUM, OR TO UNDISTURBED SOIL CAPABLE OF 1500 PSF BEARING.
 - 5) DOWN SPOUTS SHALL FLOW INTO SUB-SURFACE DRAINAGE.
 - 6) THERE IS NO EVIDENCE OF EXISTING OFF-SITE FLOW CROSSING THE PROPERTY. NEW DRAINAGE CALCULATIONS ARE DETERMINED ACCORDINGLY.

LEGEND:

- - - - - PROPERTY LINE
- - - - - SERVITUDE / EASEMENT
- - - - - NEW DRAIN LINE
- ▣ NEW DROP INLET w/TEMP. SILT FENCING
- - - - - SLOPE LINES
- ⊕ T.O. GRATE ELEVATION
- ⊖ INVERT ELEVATION
- 00.00 NEW ELEVATIONS
- x00.00 EXISTING ELEVATIONS
- - - - - TEMPORARY SILT FENCING



NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

JOB No: 2178 DATE: 09-23-2013
DRAWN BY: JTL CHECKED BY: KJK

#	DESCRIPTION	DATE

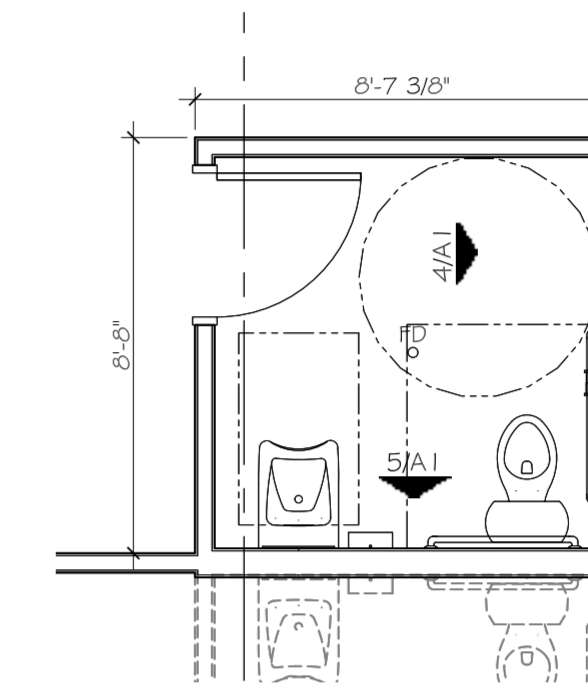
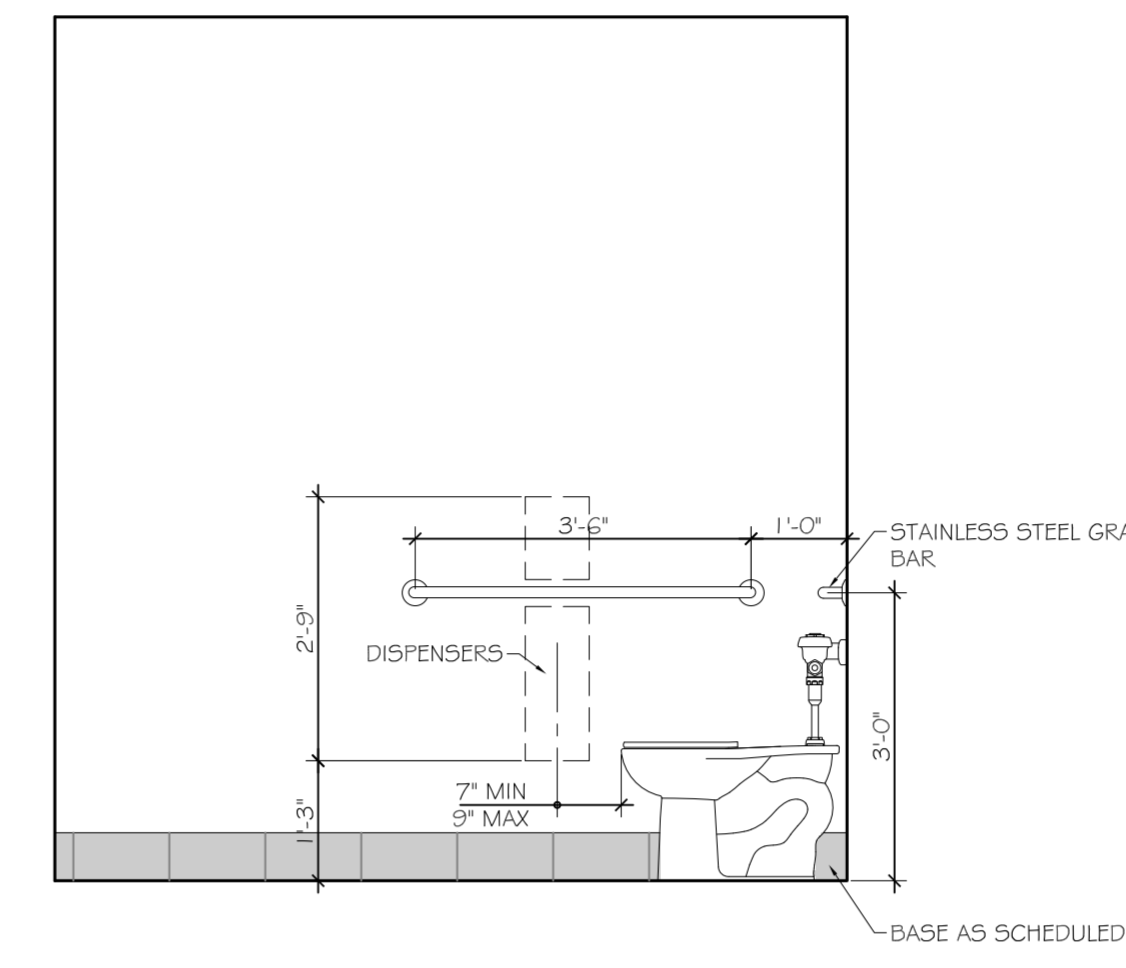
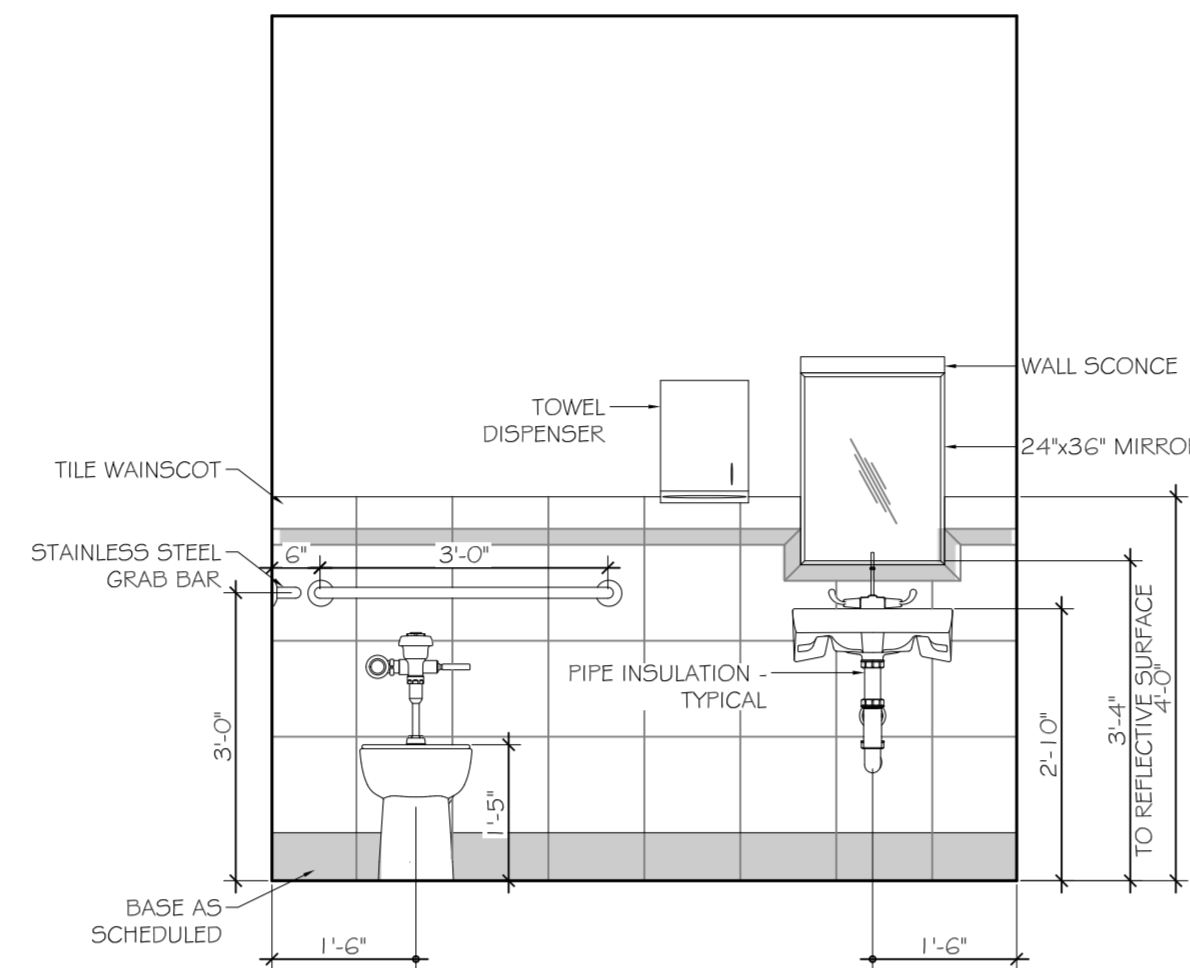
SITE DRAINAGE PLAN & DETAILS

SHEET No: 8 of 22

C4

DOOR SCHEDULE

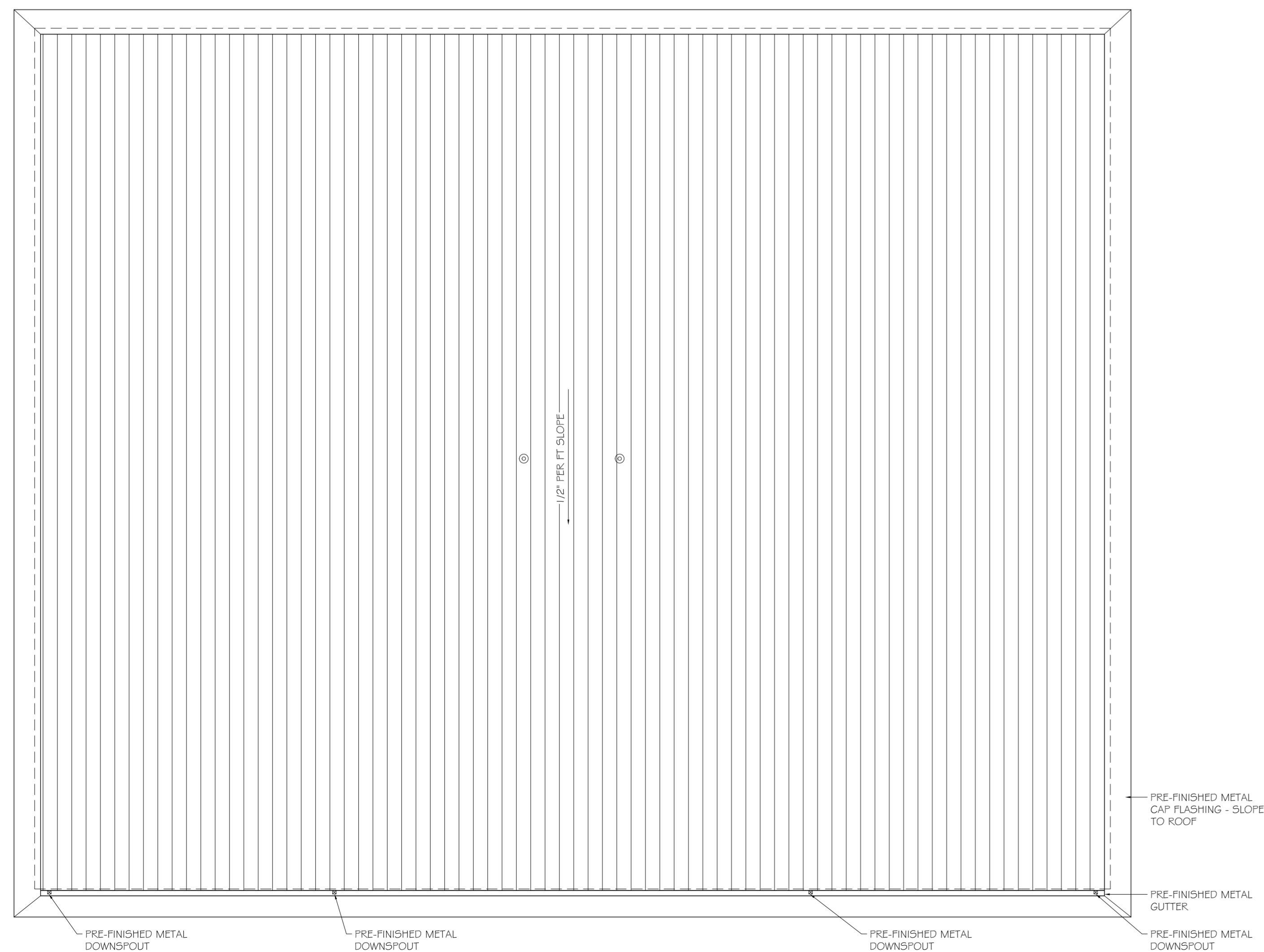
MK	SIZE	TYPE	DOOR MATERIAL	FRAME MATERIAL	FRAME TYPE	FR	REMARKS
A101A	2'-3"-0"x7'-0"	C	ALUM/GLASS	ALUM	F1	NR	ALUM STOREFRONT SYSTEM
A103A	2'-3"-0"x7'-0"	C	ALUM/GLASS	ALUM	F1	NR	ALUM STOREFRONT SYSTEM
A104A	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F3	NR	ALUM STOREFRONT SYSTEM
A104B	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F3	NR	ALUM STOREFRONT SYSTEM
A105A	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F3	NR	ALUM STOREFRONT SYSTEM
A105B	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F2	NR	ALUM STOREFRONT SYSTEM
A106A	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F3	NR	ALUM STOREFRONT SYSTEM
A106B	3'-0"x7'-0"	B	ALUM/GLASS	ALUM	F2	NR	ALUM STOREFRONT SYSTEM
A107A	A107A	B	ALUM/GLASS	ALUM	F3	NR	ALUM STOREFRONT SYSTEM
A107B	A107B	B	ALUM/GLASS	ALUM	F2	NR	ALUM STOREFRONT SYSTEM
A108A	3'-0"x7'-0"	A	5C WOOD	HOLLOW METAL	F4	NR	
A112A	2'-0"x7'-0"	D	INSULATED METAL	HOLLOW METAL	F4	NR	GALV METAL SECURITY DOOR



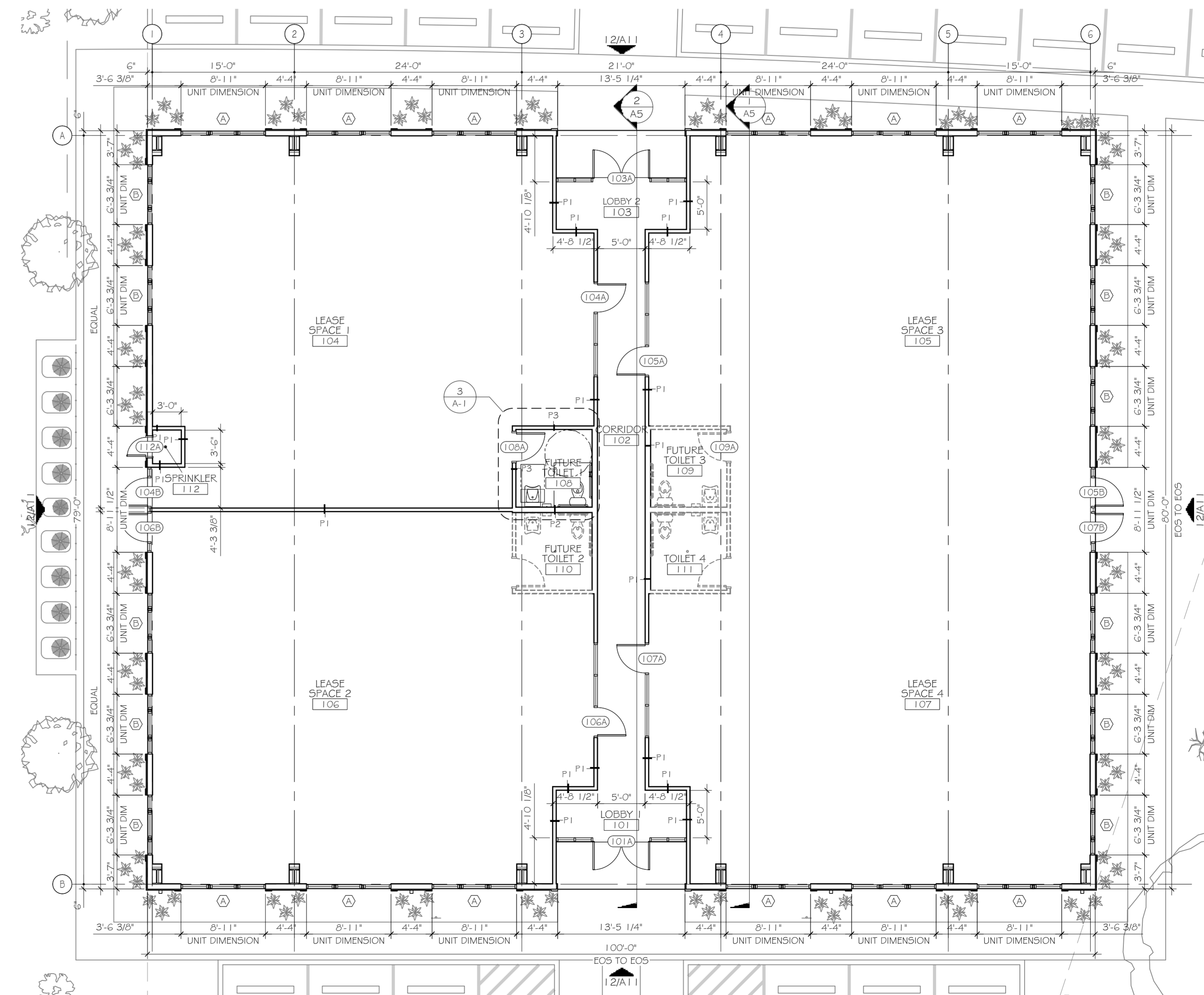
5 INTERIOR ELEVATION - TYPICAL RESTROOM
SCALE: 1/2" = 1'-0"

4 INTERIOR ELEVATION - TYPICAL RESTROOM
SCALE: 1/2" = 1'-0"

3 ENLARGED FLOOR PLAN - TYPICAL RESTROOM
SCALE: 1/4" = 1'-0"



2 ROOF PLAN
SCALE: 1/4" = 1'-0"



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

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NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

JOB No: 2178 DATE: 09-23-2013
DRAWN BY: BSN CHECKED BY: BSN

#	DESCRIPTION	REVISIONS	DATE



FLOOR PLANS,
ROOF PLAN,
INT. ELEV. &
DOOR SCHED.

SHEET No: 11 of 22

A1

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

JOB No: 2178 DATE: 09-23-2013
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#	DESCRIPTION	DATE

EXTERIOR ELEVATIONS

SHEET No: 12 of 22

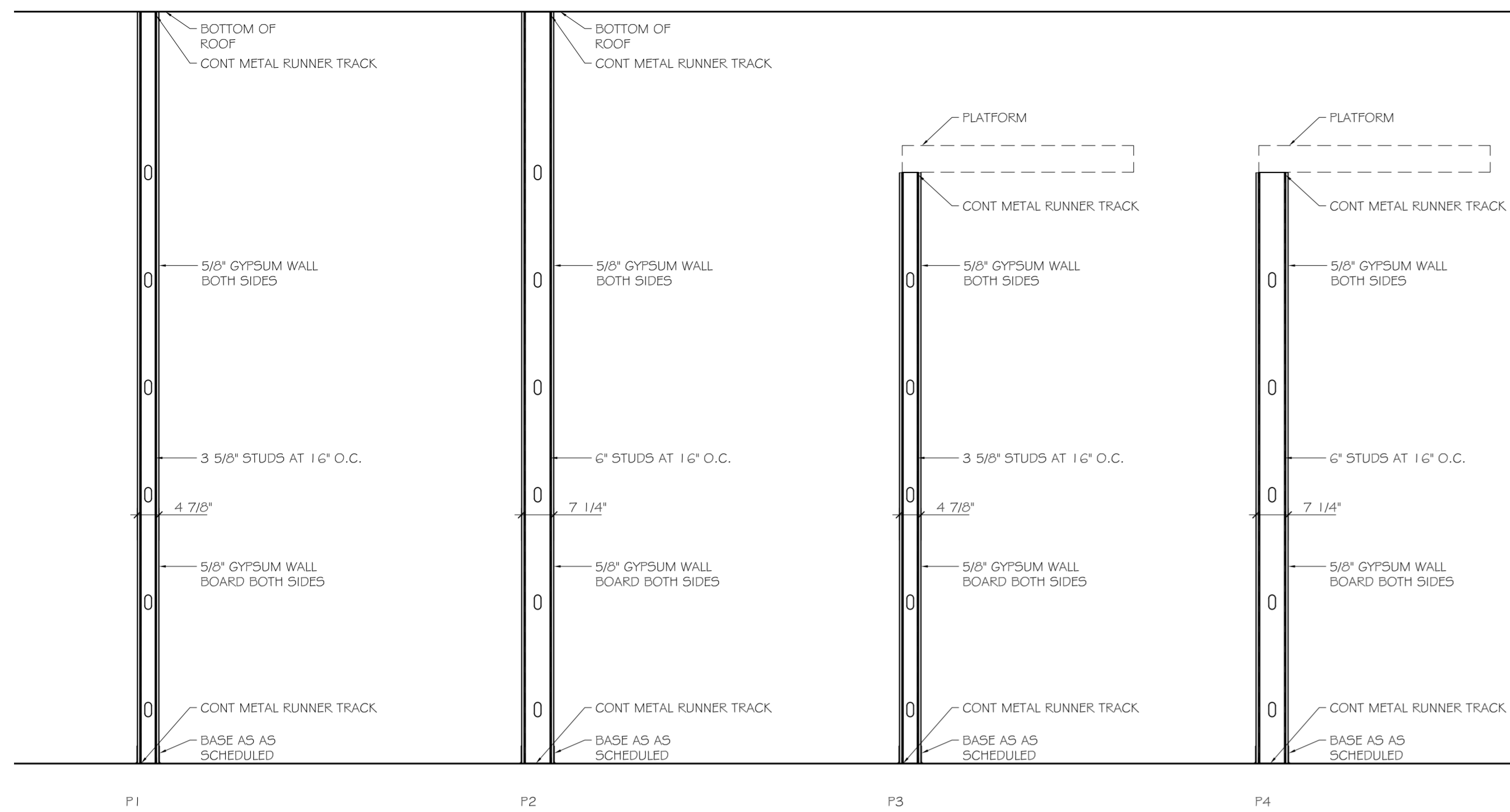
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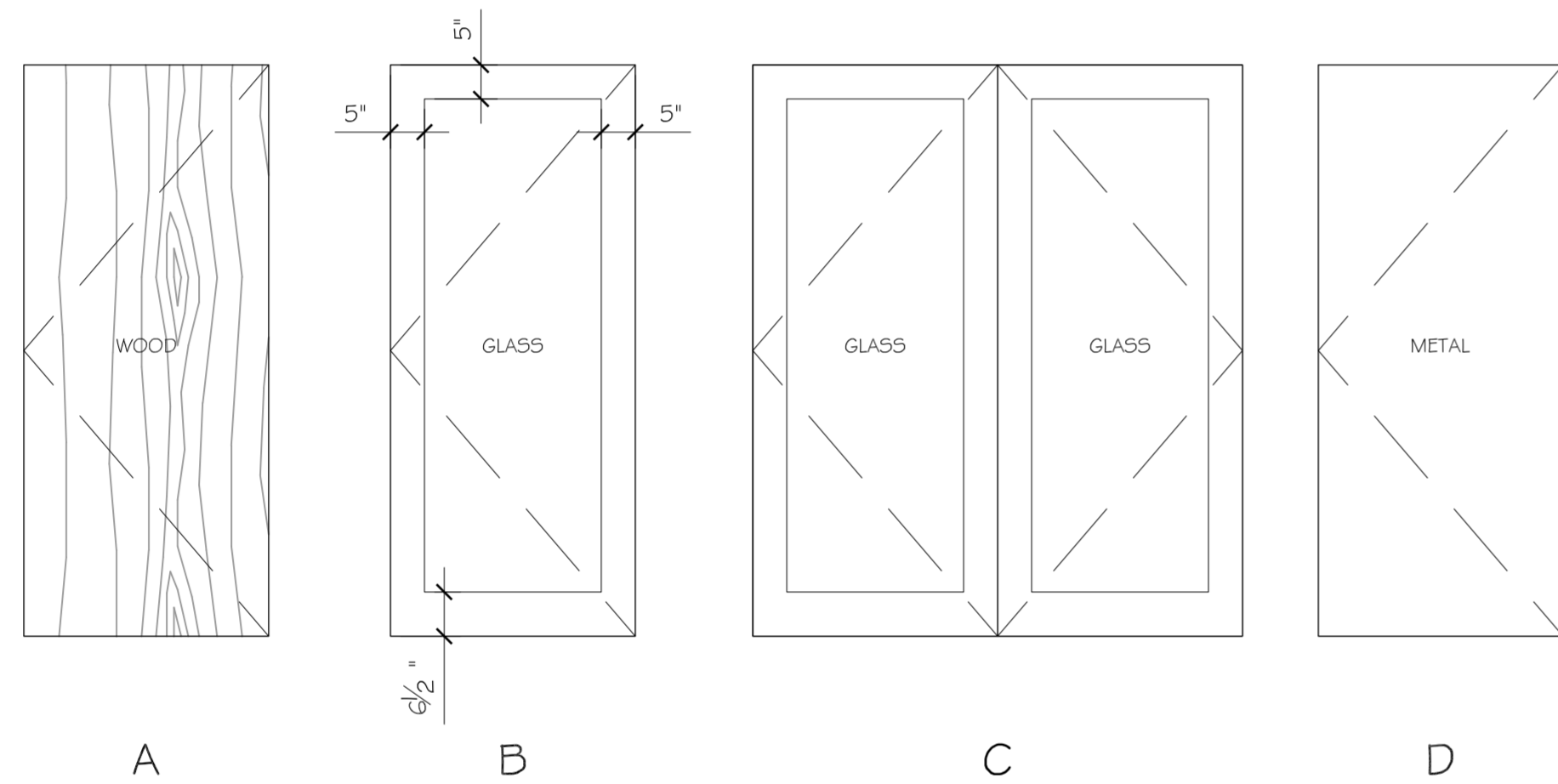
2 EXTERIOR ELEVATION - EAST
SCALE: 1/4" = 1'-0"



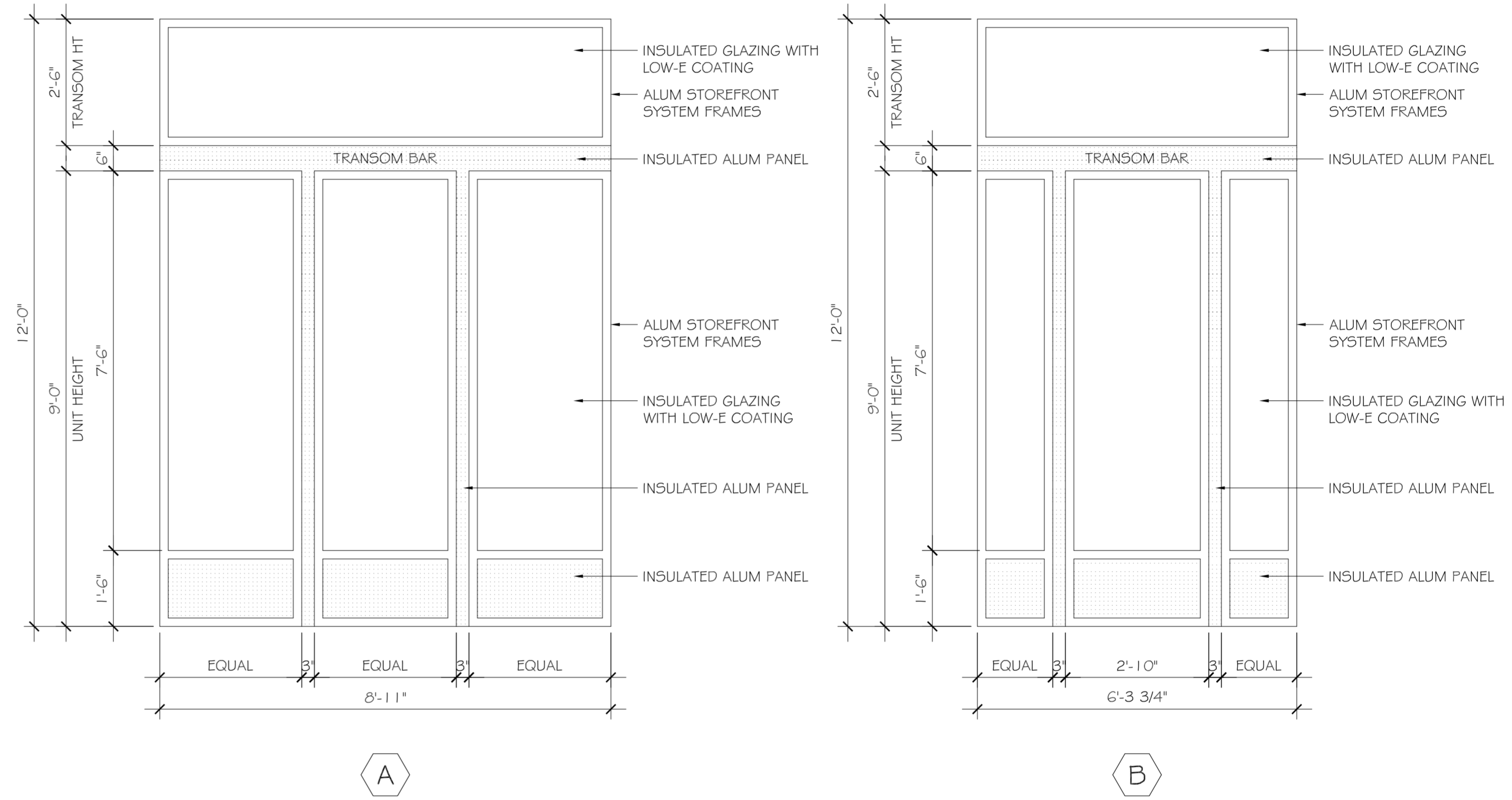
1 EXTERIOR ELEVATION - NORTH
SCALE: 1/4" = 1'-0"



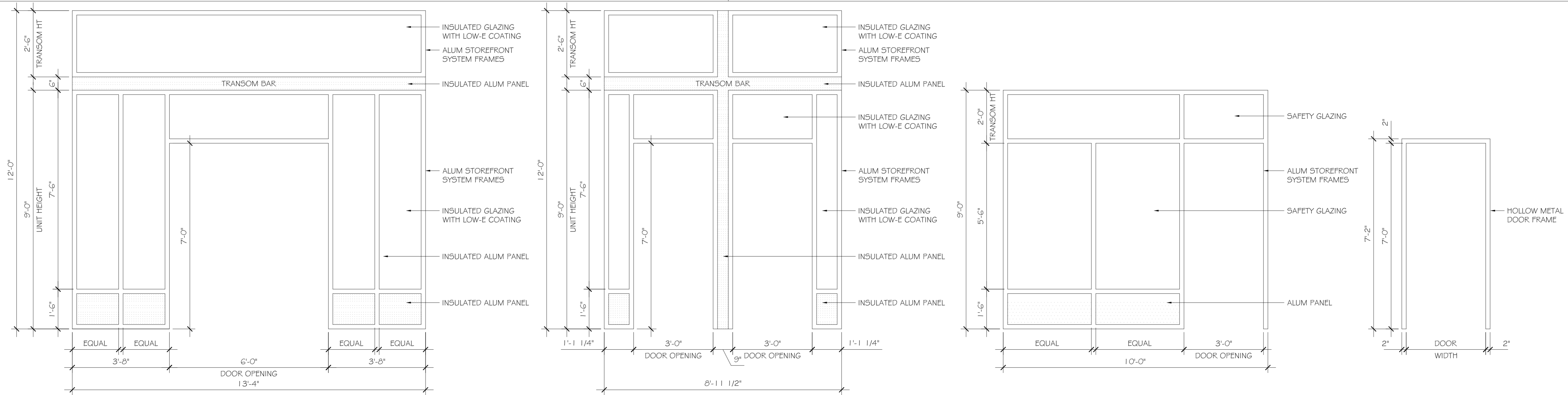
4 PARTITION TYPES
SCALE: 1/2" = 1'-0"



3 DOOR TYPES
SCALE: 1/2" = 1'-0"



2 WINDOW TYPES
SCALE: 1/2" = 1'-0"



1 DOOR FRAME TYPES
SCALE: 1/2" = 1'-0"

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

#	DESCRIPTION	REVISIONS	DATE

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DRAWN BY: BSN CHECKED BY: BSN

WINDOW, DOOR
DOOR & FRAME
AND PARTITION
TYPES

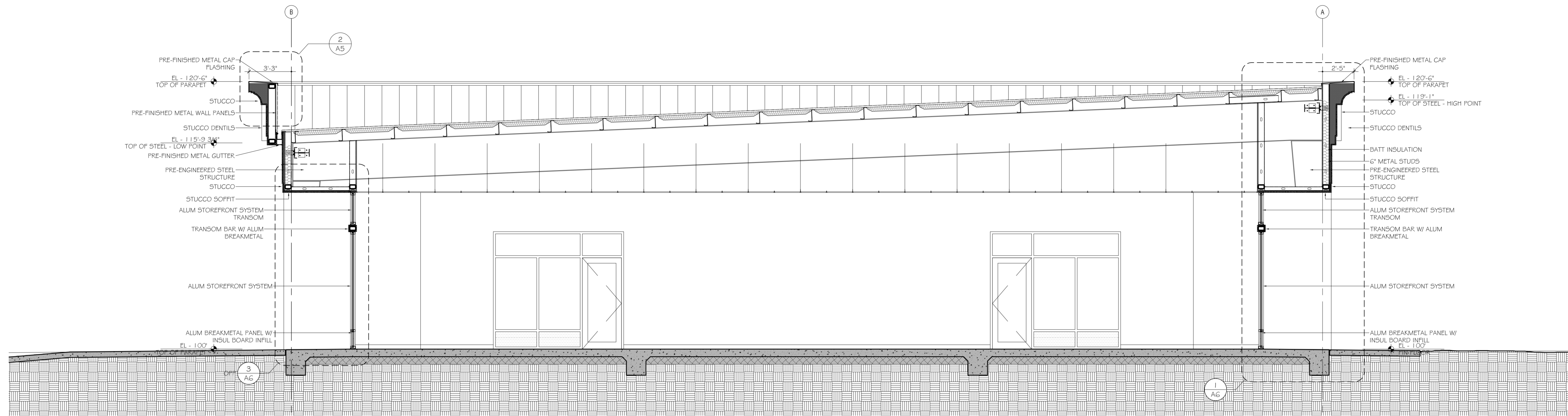
SHEET No: 14 of 22

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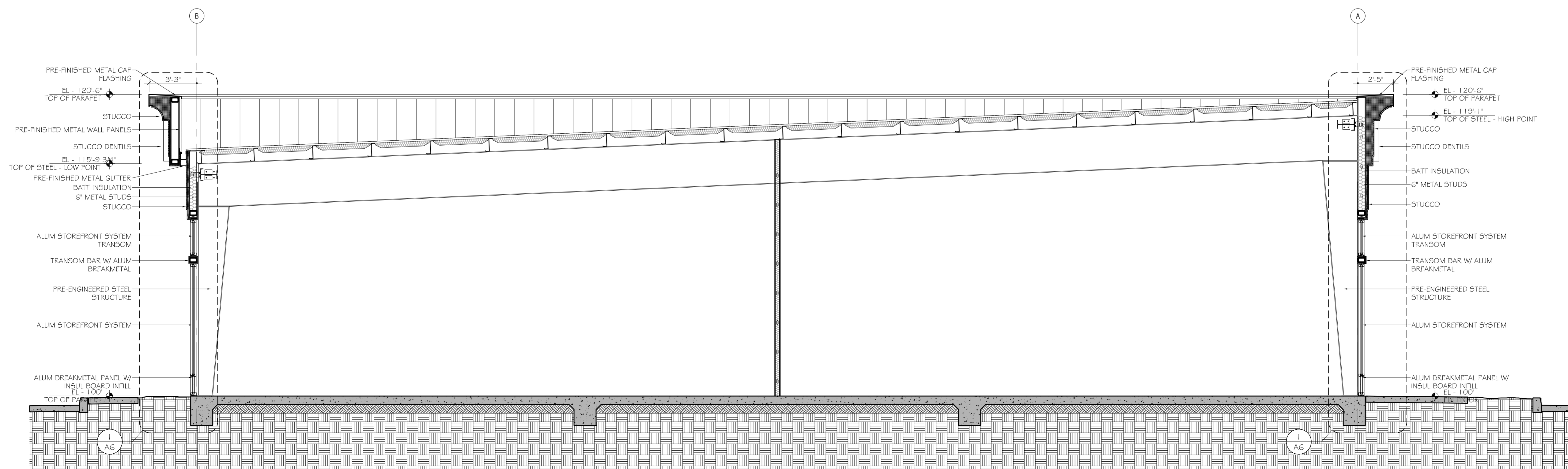
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FAX: 985-641-5950

CHIEF ENGINEER: BRYAN DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KITCHEN, NCARB
554 OLD SPANISH TRAIL
SUITE 100
SUDELL, LA 70455

A4



2 BUILDING SECTION
SCALE: 1/4" = 1'-0"



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

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

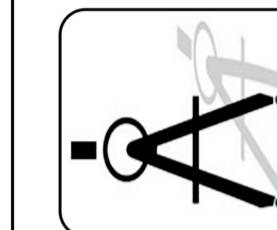
#	DESCRIPTION	DATE

JOB No:	2178	DATE:	09-23-2013
DRAWN BY:	BSN	CHECKED BY:	BSN

BUILDING SECTIONS

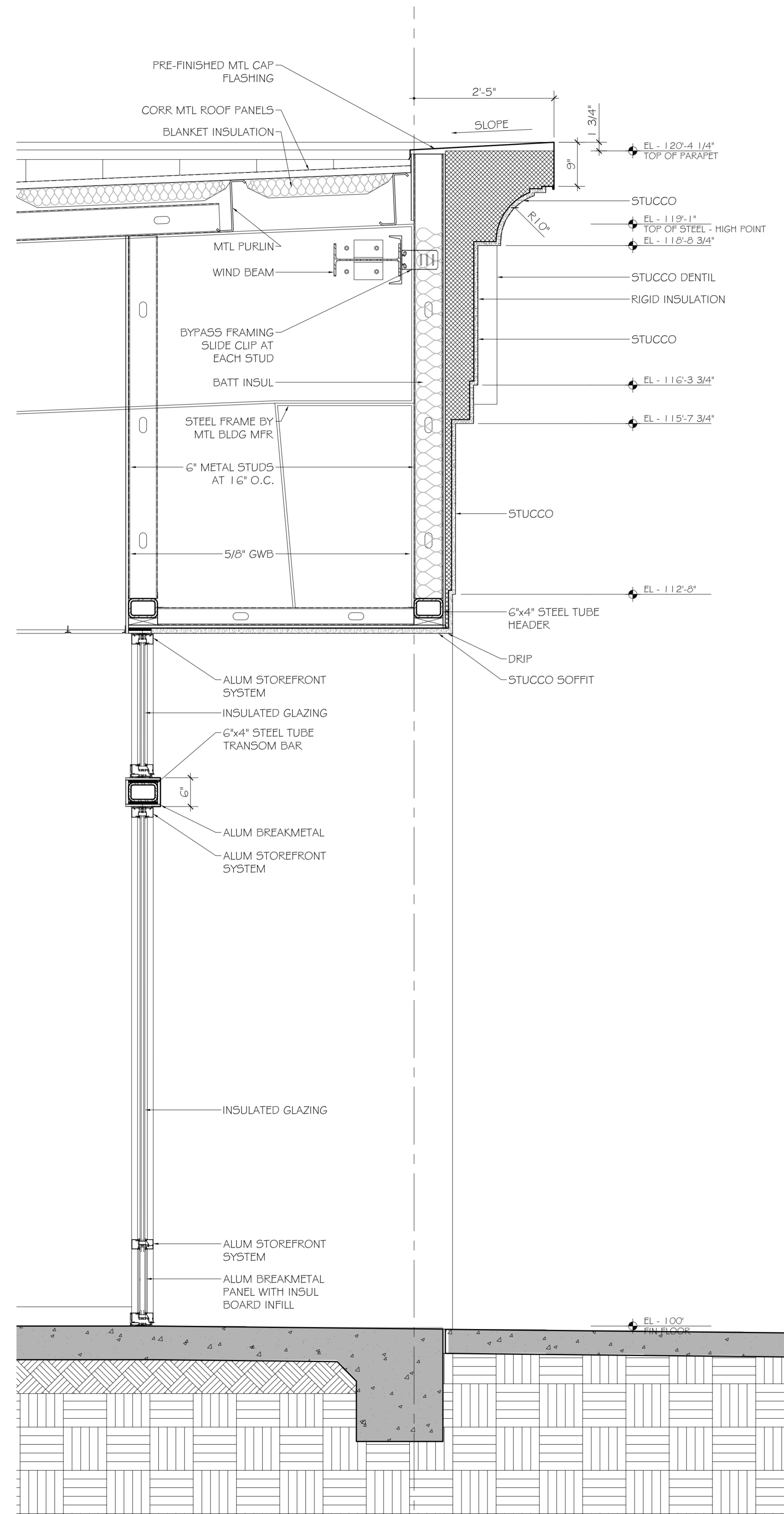
SHEET No: 15 of 22

A5

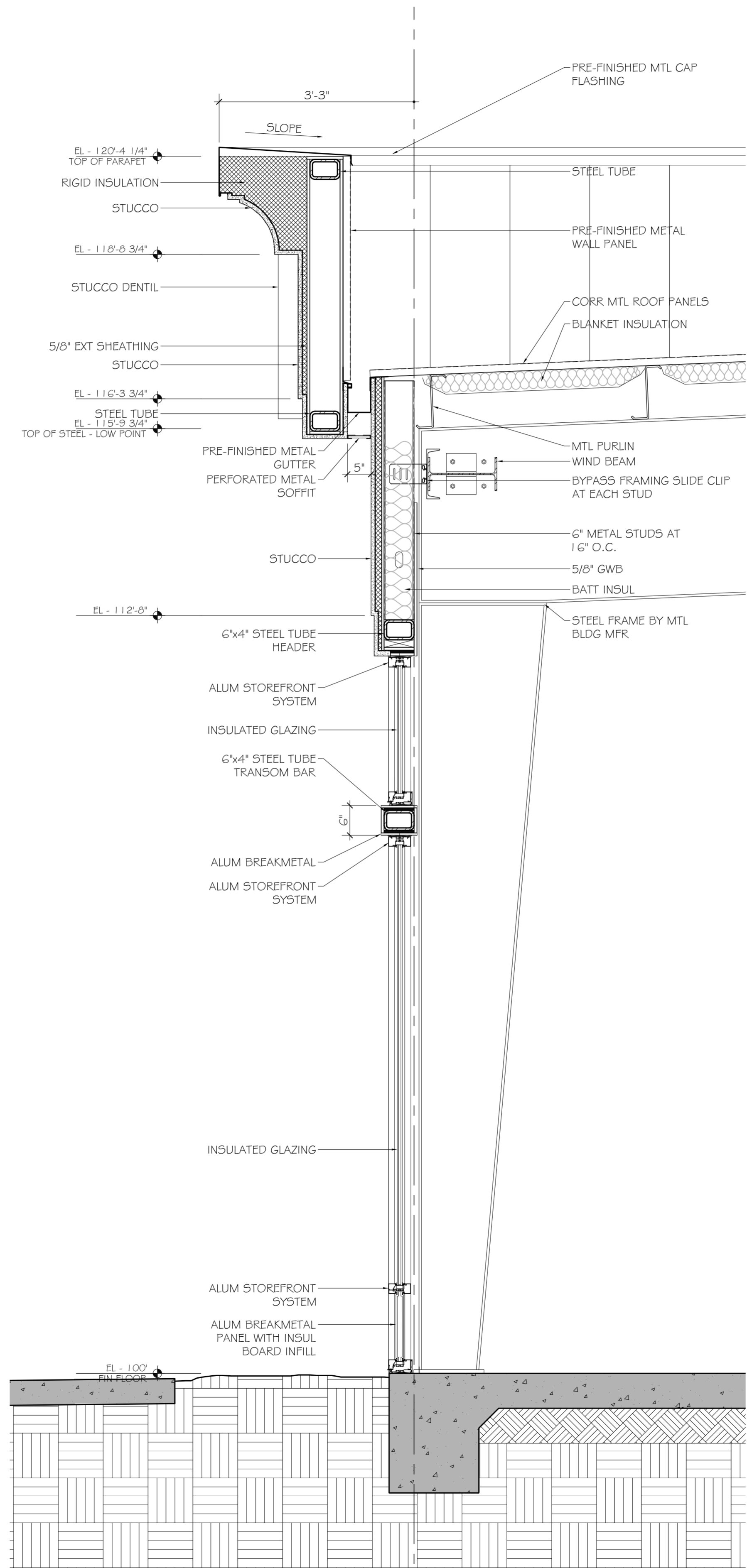


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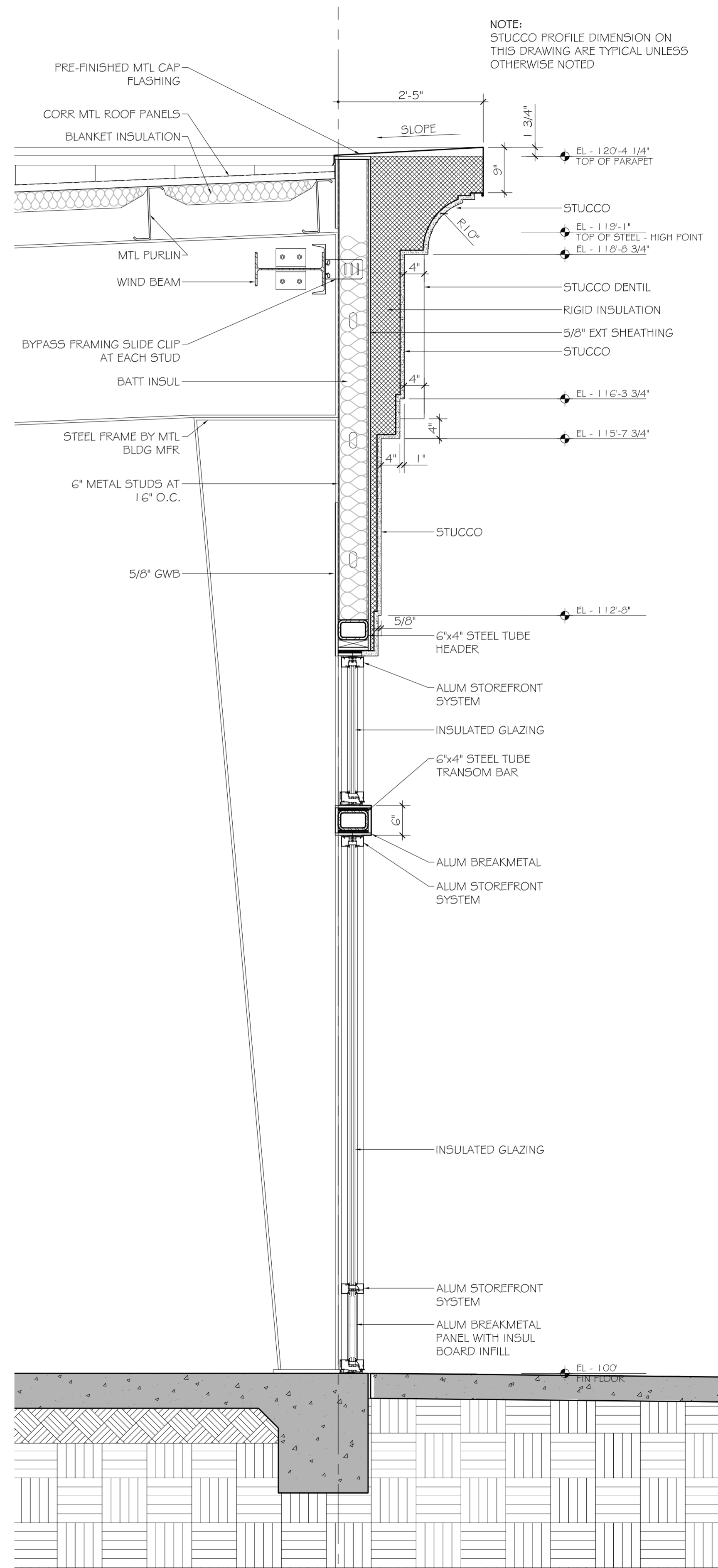
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PHONE: 985-649-5932
FAX: 985-641-5950
ENGINEERS: RAVETT DAMMON, P.E.
ARCHITECTS: KEVIN KIRCHEN, NCARB
554 OLD SPANISH TRAIL
SUDELL, LA 70455



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



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



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

NOTE:
STUCCO PROFILE DIMENSION ON
THIS DRAWING ARE TYPICAL UNLESS
OTHERWISE NOTED

NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

#	DESCRIPTION	DATE

JOB No: 2178 DATE: 09-23-2013
DRAWN BY: BSN CHECKED BY: BSN

EL - 100' FIN FLOOR

WALL SECTIONS
SHEET No: 16 of 22

A6

DAMMON
ENGINEERING, INC.
Architects & Engineers

554 OLD SPANISH TRAIL
SUDELL, LA 70455

PHONE: 985-649-5432
FAX: 985-641-5950

CHIEF ENGINEER: RAVETT DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KITCHEN, NCARB

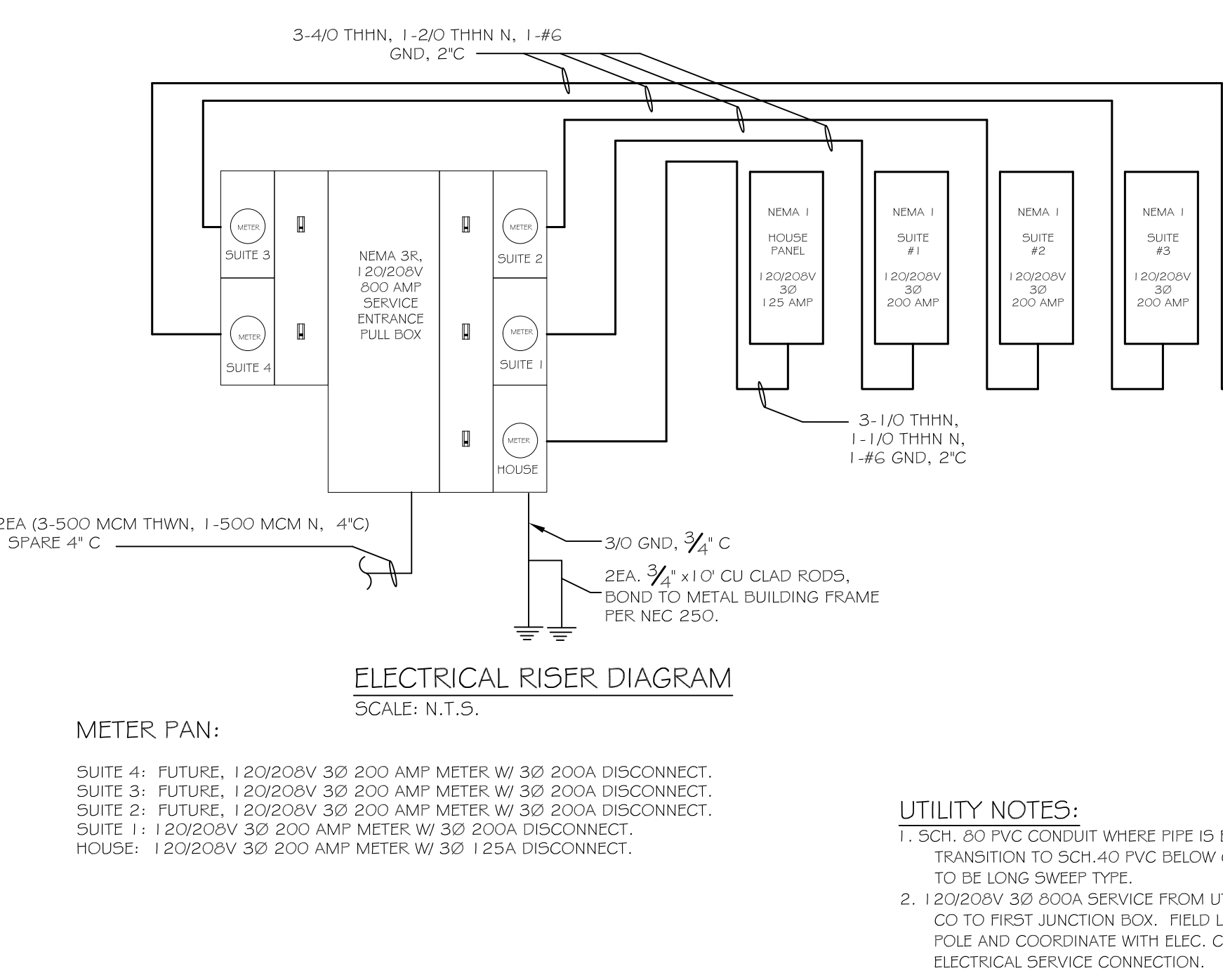
PANEL: LEASE SPACE #1 LOCATION: OUTSIDE RESTROOM FEEDER SOURCE: UTILITY METER		VOLTAGE: 120/208V, 200A 3Ø, 4W ENCLOSURE: NEW PANEL, RECESSED W/EQUIPMENT GND BAR SQUARE D TYPE QO LOAD CENTER, 22000 AIC, W/ MAIN BRKR												
CKT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	WIRING	BREAKER		LOAD (VA)	LOAD DESCRIPTION LOCATION	THIN WIRE SIZE	CKT. NO.		
			AMP	POLE			AMP	POLE						
1	#12	WALL RECEPTACLES	20	1	1120		2964	2	50	AVC-1B COMPRESSOR (4 TON)	#6	2		
3	#6	AVC-1A COMPRESSOR (5 TON)	60	2	3890		2964	2	50	AHV-1B (4 TON) & 7.5kW ELECTRIC HEAT	#6	4		
5	#12	RESTROOM LIGHTS & EXHAUST FAN	20	1	250		5179	2	50	MAIN LEASE SPACE AREA LIGHTS	#12	6		
7	#12	RESTROOM LIGHTS & EXHAUST FAN	20	1	250		5179	2	50	WATER HEATER 10 GALLON	#10	8		
9	#6	AHV-1A (8 TON) & 11.5kW ELECTRIC HEAT	50	3	5404		2800	1	20	MAIN LEASE SPACE AREA LIGHTS	#12	10		
11	#6	AHV-1A (8 TON) & 11.5kW ELECTRIC HEAT	50	3	5404		2400	1	20	EMERGENCY & EXIT LIGHTS	#12	12		
13	#6	AHV-1A (8 TON) & 11.5kW ELECTRIC HEAT	50	3	5404		1800	1	20	SPARE	#12	14		
15	#12	WALL RECEPTACLES INCLUDING GFI IN RESTROOM & AT WATER HEATER	20	1	960		700	1	20	SPARE	#12	16		
17	#12	SPARE	20	1	-		-	1	20	SPARE	#12	18		
19	#12	SPARE	20	1	-		-	1	20	SPARE	#12	20		
21	#12	SPARE	20	1	-		-	1	20	SPARE	#12	22		
23	#12	SPARE	20	1	-		-	1	20	SPARE	#12	24		
25	#12	SPARE	20	1	-		-	1	20	SPARE	#12	26		
27	#12	SPARE	20	1	-		-	1	20	SPARE	#12	28		
29	#12	SPARE	20	1	-		-	1	20	SPARE	#12	30		
31	#12	SPARE	20	1	-		-	1	20	SPARE	#12	32		
33	#12	SPARE	20	1	-		-	1	20	SPARE	#12	34		
35	#12	SPARE	20	1	-		-	1	20	SPARE	#12	36		
37	-	SPACE	-	-	-		-	-	-	SPACE	-	38		
39	-	SPACE	-	-	-		-	-	-	SPACE	-	40		
41	-	SPACE	-	-	-		-	-	-	SPACE	-	42		
TOTAL CONNECTED LOAD (VA)=50,308					GROUND BUS GROUND WIRE (G)									
AØ=16,717 BØ=16,710 CØ=16,873														

PANEL: LEASE SPACE #2 (FUTURE) LOCATION: OUTSIDE RESTROOM FEEDER SOURCE: UTILITY METER		VOLTAGE: 120/208V, 200A 3Ø, 4W ENCLOSURE: NEW PANEL, RECESSED W/EQUIPMENT GND BAR SQUARE D TYPE QO LOAD CENTER, 22000 AIC, W/ MAIN BRKR												
CKT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	WIRING	BREAKER		LOAD (VA)	LOAD DESCRIPTION LOCATION	THIN WIRE SIZE	CKT. NO.		
			AMP	POLE			AMP	POLE						
1	-	-	-	-	-		-	-	-	-	-	2		
3	-	-	-	-	-		-	-	-	-	-	-	4	
5	-	-	-	-	-		-	-	-	-	-	-	6	
7	-	-	-	-	-		-	-	-	-	-	-	8	
9	-	-	-	-	-		-	-	-	-	-	-	10	
11	-	-	-	-	-		-	-	-	-	-	-	12	
13	-	-	-	-	-		-	-	-	-	-	-	14	
15	-	-	-	-	-		-	-	-	-	-	-	16	
17	-	-	-	-	-		-	-	-	-	-	-	18	
19	-	-	-	-	-		-	-	-	-	-	-	20	
21	-	-	-	-	-		-	-	-	-	-	-	22	
23	-	-	-	-	-		-	-	-	-	-	-	24	
25	-	-	-	-	-		-	-	-	-	-	-	26	
27	-	-	-	-	-		-	-	-	-	-	-	28	
29	-	-	-	-	-		-	-	-	-	-	-	30	
31	-	-	-	-	-		-	-	-	-	-	-	32	
33	-	-	-	-	-		-	-	-	-	-	-	34	
35	-	-	-	-	-		-	-	-	-	-	-	36	
37	-	-	-	-	-		-	-	-	-	-	-	38	
39	-	-	-	-	-		-	-	-	-	-	-	40	
41	-	-	-	-	-		-	-	-	-	-	-	42	
TOTAL CONNECTED LOAD (VA)=					GROUND BUS GROUND WIRE (G)									
AØ= BØ= CØ=														

PANEL: LEASE SPACE #3 (FUTURE) LOCATION: OUTSIDE RESTROOM FEEDER SOURCE: UTILITY METER		VOLTAGE: 120/208V, 200A 3Ø, 4W ENCLOSURE: NEW PANEL, RECESSED W/EQUIPMENT GND BAR SQUARE D TYPE QO LOAD CENTER, 22000 AIC, W/ MAIN BRKR												
CKT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	WIRING	BREAKER		LOAD (VA)	LOAD DESCRIPTION LOCATION	THIN WIRE SIZE	CKT. NO.		
			AMP	POLE			AMP	POLE						
1	-	-	-	-	-		-	-	-	-	-	2		
3	-	-	-	-	-		-	-	-	-	-	-	4	
5	-	-	-	-	-		-	-	-	-	-	-	6	
7	-	-	-	-	-		-	-	-	-	-	-	8	
9	-	-	-	-	-		-	-	-	-	-	-	10	
11	-	-	-	-	-		-	-	-	-	-	-	12	
13	-	-	-	-	-		-	-	-	-	-	-	14	
15	-	-	-	-	-		-	-	-	-	-	-	16	
17	-	-	-	-	-		-	-	-	-	-	-	18	
19	-	-	-	-	-		-	-	-	-	-	-	20	
21	-	-	-	-	-		-	-	-	-	-	-	22	
23	-	-	-	-	-		-	-	-	-	-	-	24	
25	-	-	-	-	-		-	-	-	-	-	-	26	
27	-	-	-	-	-		-	-	-	-	-	-	28	
29	-	-	-	-	-		-	-	-	-	-	-	30	
31	-	-	-	-	-		-	-	-	-	-	-	32	
33	-	-	-	-	-		-	-	-	-	-	-	34	
35	-	-	-	-	-		-	-	-	-	-	-	36	
37	-	-	-	-	-		-	-	-	-	-	-	38	
39	-	-	-	-	-		-	-	-	-	-	-	40	
41	-	-	-	-	-		-	-	-	-	-	-	42	
TOTAL CONNECTED LOAD (VA)=					GROUND BUS GROUND WIRE (G)									
AØ= BØ= CØ=														

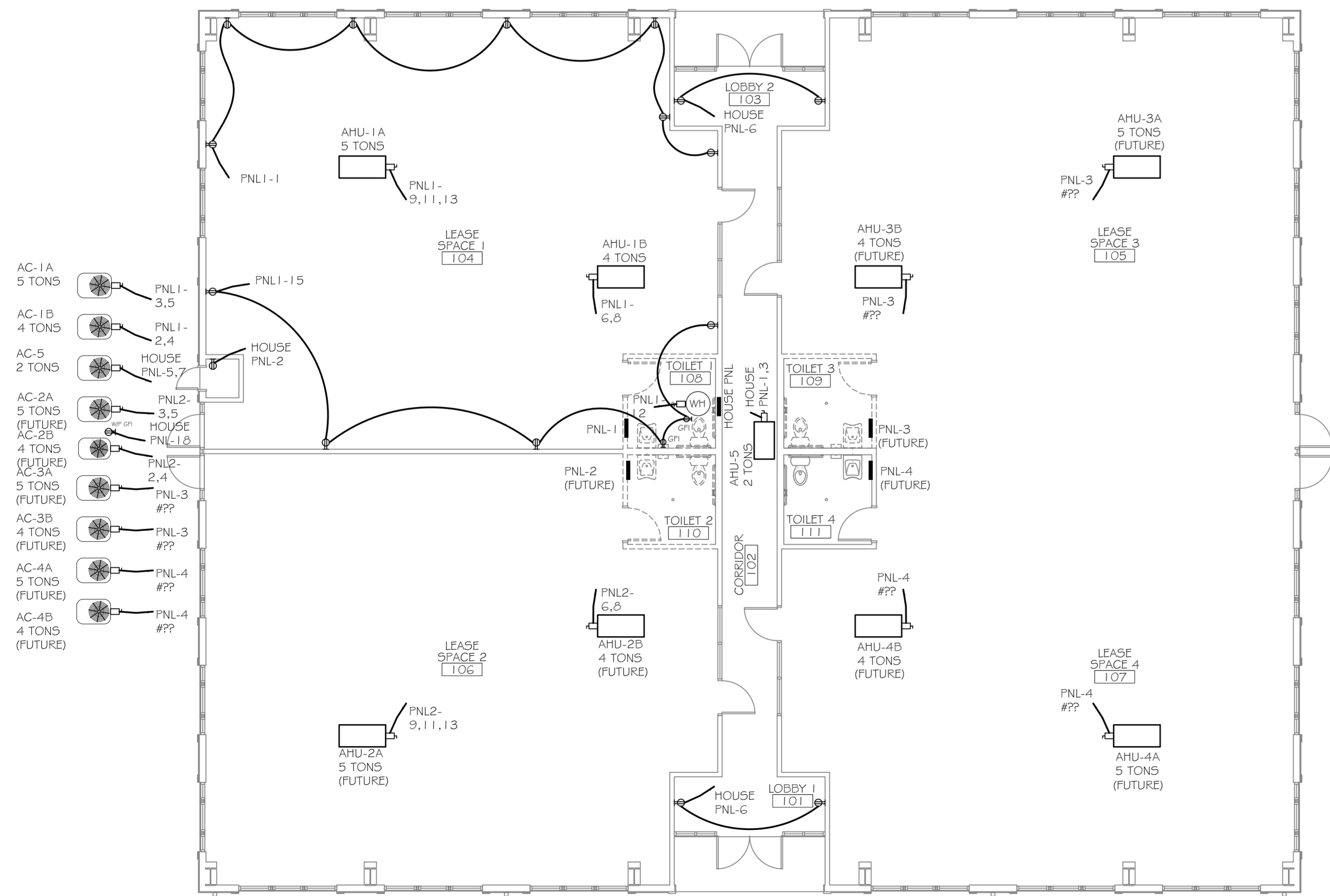
PANEL: LEASE SPACE #4 (FUTURE) LOCATION: OUTSIDE RESTROOM FEEDER SOURCE: UTILITY METER		VOLTAGE: 120/208V, 200A 3Ø, 4W ENCLOSURE: NEW PANEL, RECESSED W/EQUIPMENT GND BAR SQUARE D TYPE QO LOAD CENTER, 22000 AIC, W/ MAIN BRKR												
CKT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	WIRING	BREAKER		LOAD (VA)	LOAD DESCRIPTION LOCATION	THIN WIRE SIZE	CKT. NO.		
			AMP	POLE			AMP	POLE						
1	-	-	-	-	-		-	-	-	-	-	2		
3	-	-	-	-	-		-	-	-	-	-	-	4	
5	-	-	-	-	-		-	-	-	-	-	-	6	
7	-	-	-	-	-		-	-	-	-	-	-	8	
9	-	-	-	-	-		-	-	-	-	-	-	10	
11	-	-	-	-	-		-	-	-	-	-	-	12	
13	-	-	-	-	-		-	-	-	-	-	-	14	
15	-	-	-	-	-		-	-	-	-	-	-	16	
17	-	-	-	-	-		-	-	-	-	-	-	18	
19	-	-	-	-	-		-	-	-	-	-	-	20	
21	-	-	-	-	-		-	-	-	-	-	-	22	
23	-	-	-	-	-		-	-	-	-	-	-	24	
25	-	-	-	-	-		-	-	-	-	-	-	26	
27	-	-	-	-	-		-	-	-	-	-	-	28	
29	-	-	-	-	-		-	-	-	-	-	-	30	
31	-	-	-	-	-		-	-	-	-	-	-	32	
33	-	-	-	-	-		-	-	-	-	-	-	34	
35	-	-	-	-	-		-	-	-	-	-	-	36	
37	-	-	-	-	-		-	-	-	-	-	-	38	
39	-	-	-	-	-		-	-	-	-	-	-	40	
41	-	-	-	-	-		-	-	-	-	-	-	42	
TOTAL CONNECTED LOAD (VA)=					GROUND BUS GROUND WIRE (G)									
AØ= BØ= CØ=														

PANEL: HOUSE LOCATION: IN CORRIDOR FEEDER SOURCE: UTILITY METER		VOLTAGE: 120/208V, 125A 3Ø, 4W ENCLOSURE: NEW PANEL, RECESSED W/EQUIPMENT GND BAR SQUARE D TYPE QO LOAD CENTER, 22000 AIC, W/ MAIN BRKR												
CKT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	WIRING	BREAKER		LOAD (VA)	LOAD DESCRIPTION LOCATION	THIN WIRE SIZE	CKT. NO.		
			AMP	POLE			AMP	POLE						
1	#6	AHV-5 (2 TONS) & 7.5kW ELECTRIC HEAT	50	2	4878		160	1	20	SPRINKLER ROOM RECEPTACLE	#12	2		
3	#6	AHV-5 (2 TONS) & 7.5kW ELECTRIC HEAT	50	2	4878		-	1	20	SPARE	#12	4		
5	#10	AVC-5 COMPRESSOR (2 TON)	25	2	1466		640	1	20	LOBBY 1 & LOBBY 2 RECEPTACLES	#12	6		
7	#10	AVC-5 COMPRESSOR (2 TON)	25	2	1466		800	1	20	LOBBY 1 & LOBBY 2 WALL-MOUNTED LIGHTS	#12	8		
9	#12	PARKING LOT STREET LIGHTS	20	1	600		400	1	20	LOBBY 1 & LOBBY 2 EXIT AND EMERGENCY LIGHTS	#12	10		
11	#12	EXTERIOR PORCH AND WALL MOUNTED LIGHTS	20	1	1800		1800	1	20	EXTERIOR PORCH AND WALL MOUNTED LIGHTS	#12	12		
13	#12	LOBBY 1, LOBBY 2, & CORRIDOR 102 FLUORESCENT LIGHTS	20	1	1400		400	1	20	MONUMENTAL SIGN DIRECTIONAL LIGHTS	#12	14		
15	#6	LIFT STATION GRINDER, PUMP JUNCTION BOX	30	2	3120		-	1	20	SPARE	#12	16		
17	#6	LIFT STATION GRINDER, PUMP JUNCTION BOX	30	2	3120		160	1	20	WEATHERPROOF GFI RECEPTACLE AT OUTDOOR A/C UNITS	#12	18		
19	#12	SPARE	20	1	-		-	1	20	SPARE	#12	20		
21	#12	SPARE	20	1	-		-	1	20	SPARE	#12	22		
23	#12	SPARE	20	1	-		-	1	20	SPARE	#12	24		
25	#12	SPARE	20	1	-		-	1	20	SPARE	#12	26		
27	#12	SPARE	20	1	-		-	1	20	SPARE	#12	28		
29	#12	SPARE	20	1	-		-	1	20	SPARE	#12	30		
31	#12	SPARE	20	1	-		-	1	20	SPARE	#12	32		
33	#12	SPARE	20	1	-		-	1	20	SPARE	#12	34		
35	#12	SPARE	20	1	-		-	1	20	SPARE	#12	36		
37	-	SPACE	-	-	-		-	-	-	SPACE	-	38		
39	-	SPACE	-	-	-		-	-	-	SPACE	-	40		
41	-	SPACE	-	-	-		-	-	-	SPACE	-	42		
TOTAL CONNECTED LOAD (VA)=27,088					GROUND BUS GROUND WIRE (G)									
AØ=9,104 BØ=9,998 CØ=9,986														

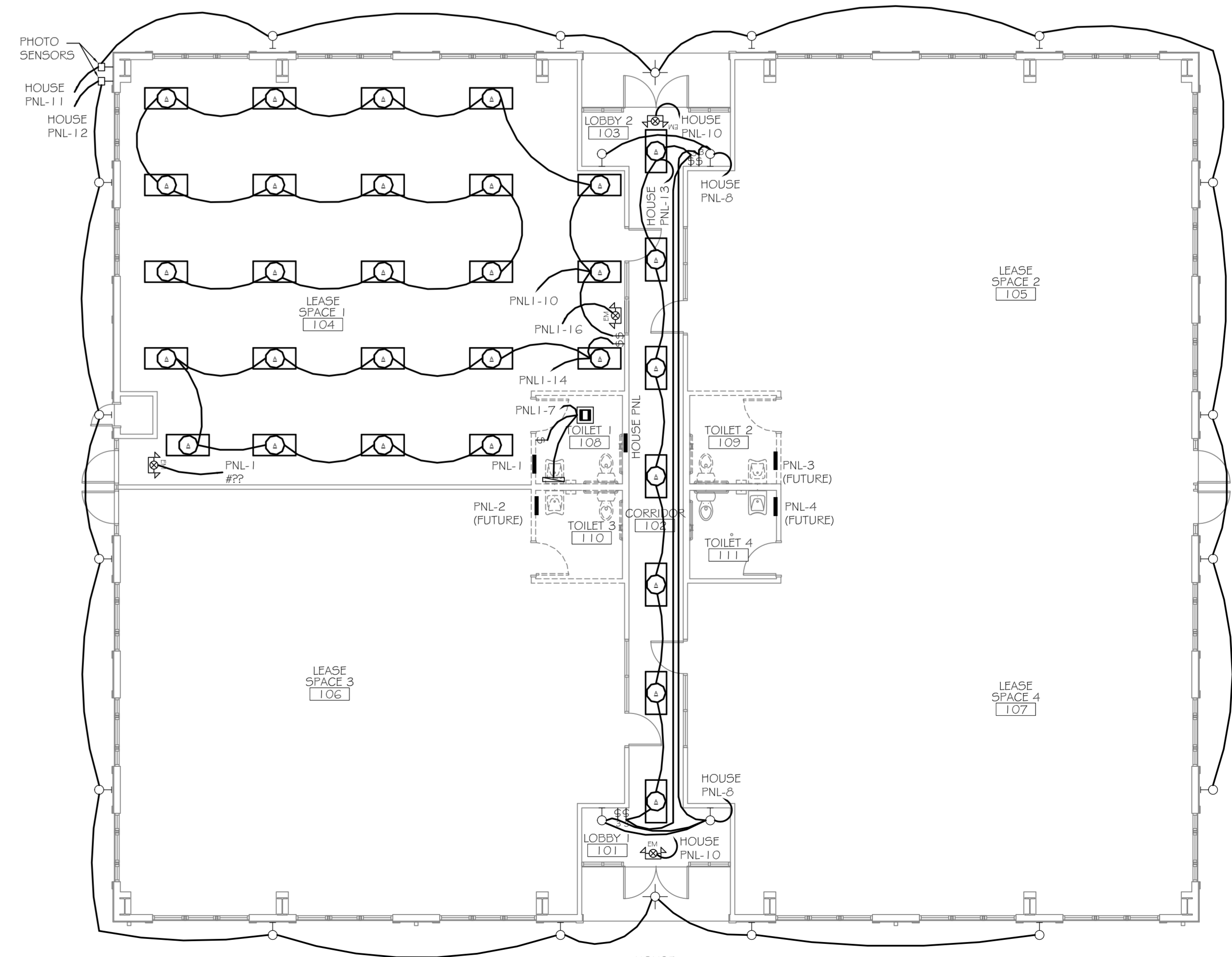


ELECTRICAL NOTES

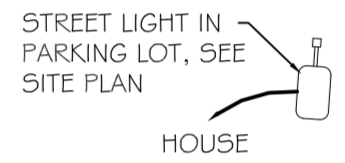
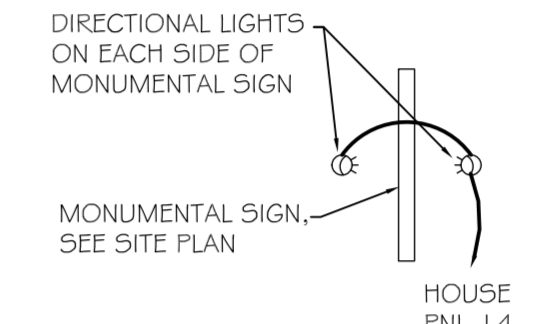
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED, TO CONFORM TO THE LATEST EDITION OF THE N.E.C.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
- ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY. IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES WITH WEATHERPROOF COVERS WHERE EXPOSED ON WALLS IN THE APPARATUS BAY. STAMPED BOXES MAY BE USED ABOVE



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



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



NEW COMMERCIAL BUILDING
DR. FARHAD ADULI
LOT 288 MARGOLD DRIVE
COVINGTON, LA

#	DESCRIPTION	DATE

JOB No:	2178	DATE:	09-23-2013
DRAWN BY:	BSN	CHECKED BY:	BSN

ELECTRICAL LIGHTING PLAN

SHEET No: 18 of 22

E2

DAMMON
ENGINEERING, INC.
Architects & Engineers

CHIEF ENGINEER: BAWETT DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KITCHEN, NCARB
554 OLD SPANISH TRAIL
SUITE 100
SUDELL, LA 70455
PHONE: 985-649-5932
FAX: 985-641-5950

The above drawings and specifications, drawings and specifications shall be read in conjunction with the contract documents and shall be subject to the terms and conditions of the contract documents. The drawings and specifications are the property of Dammon Engineering, Inc. and shall not be used for any other project without the written consent of Dammon Engineering, Inc. All work shall be done in accordance with the contract documents and shall be subject to the terms and conditions of the contract documents.