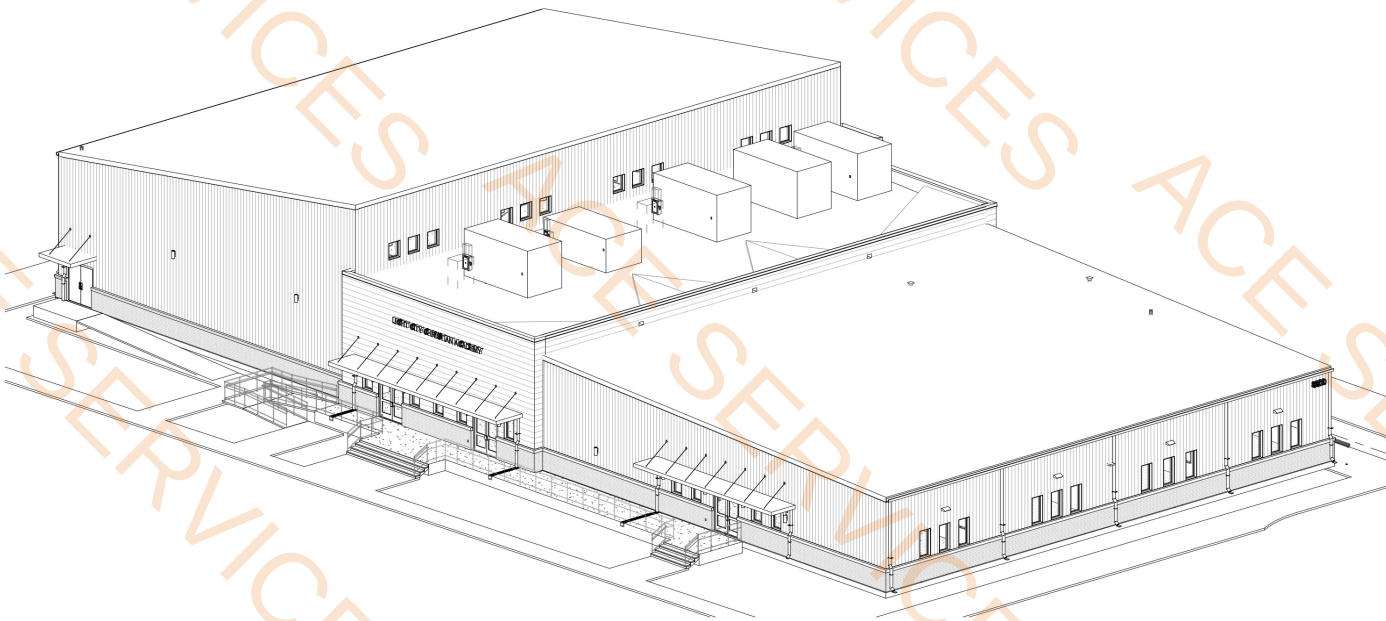


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FOR LIGHT CITY CHRISTIAN CHURCH

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504.329.9024

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FS5	FOOD SERVICE EQUIPMENT PLAN

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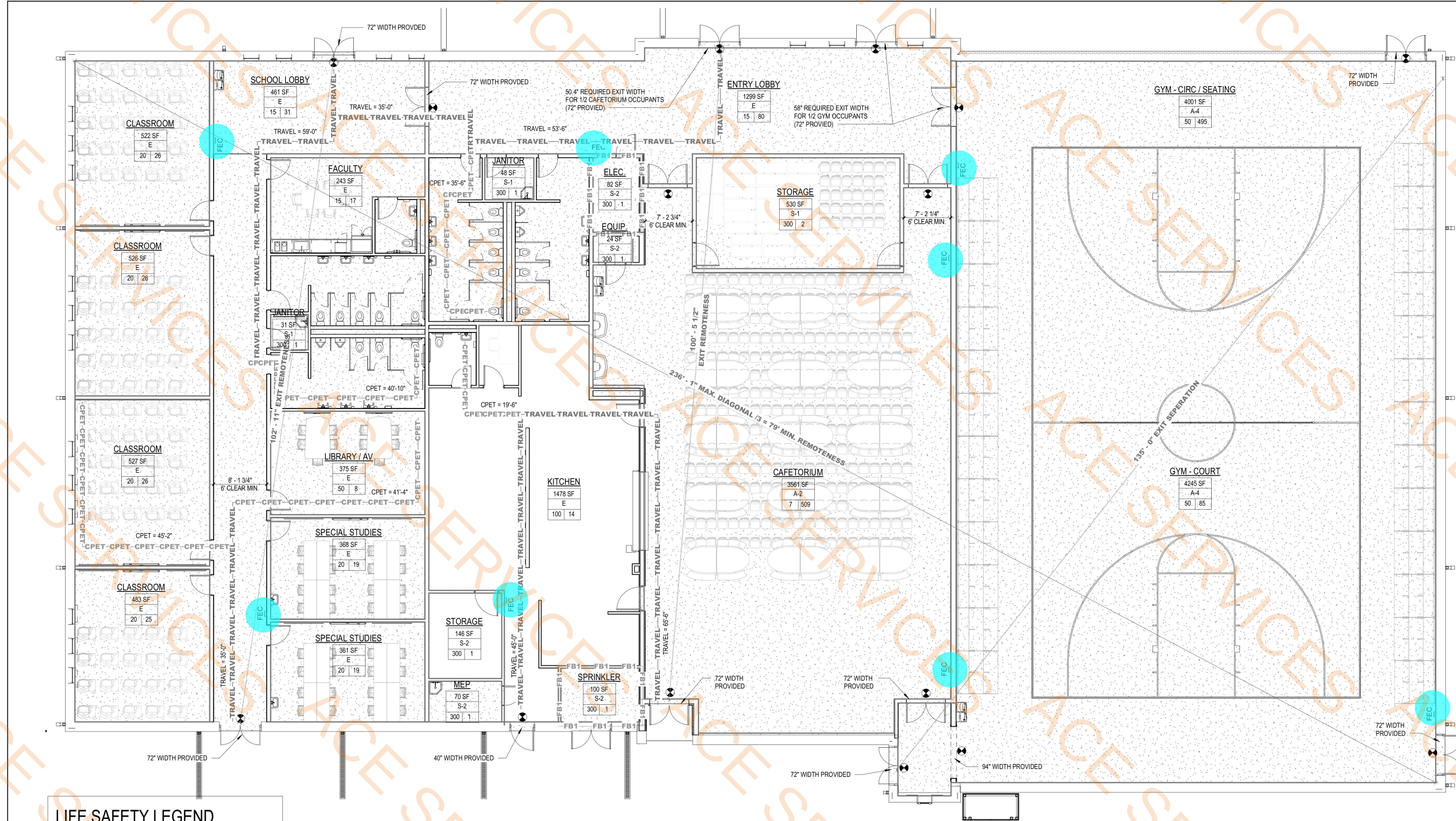
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TITLE:

COVER SHEET

SHEET:

A0.00

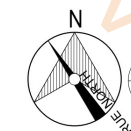


LIFE SAFETY LEGEND

- 1 HOUR FIRE BARRIER —FB1—FB1—FB1—FB1—
- 2 HOUR FIRE BARRIER —FB2—FB2—FB2—FB2—
- 1 HOUR FIRE PARTITION —FP1—FP1—FP1—FP1—
- SMOKE PARTITION —SP—SP—SP—SP—SP—
- TRAVEL PATH —TRAVEL—TRAVEL—TRAVEL— MAX = 200'-0"
- COMMON PATH —CPET—CPET—CPET—CPET— MAX = 100'-0"
- BUILDING DIAGONAL MAX DIAGONAL = 40'-0"
40'-0" (31'-REQUIRED)
- EXIT SIGN, ILLUMINATED
CENTERED ON DOORWAY
- FIRE EXTINGUISHER CABINET

••FEC) Fire Extinguisher Cabinets

8.0 EA



1 LIFE SAFETY PLAN

A0.04 1/8" = 1'-0"

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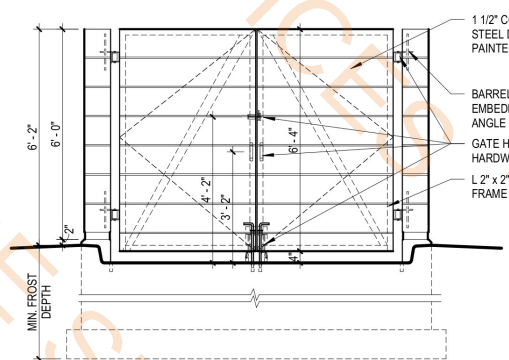
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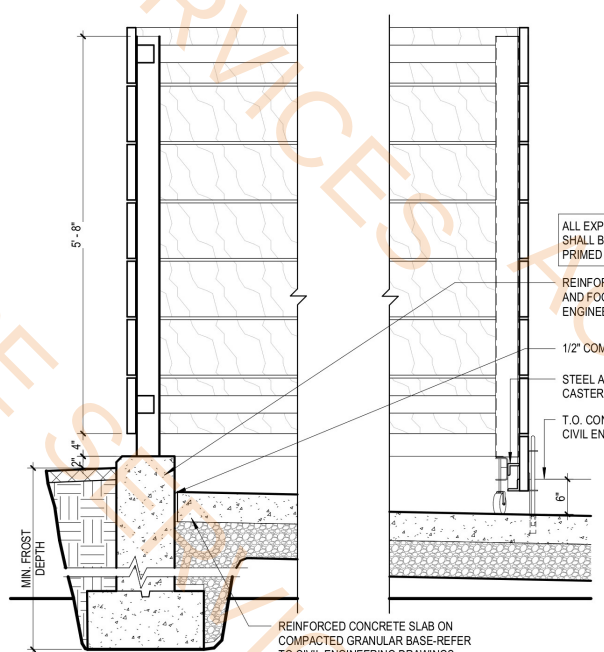
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SHEET:

A0.04

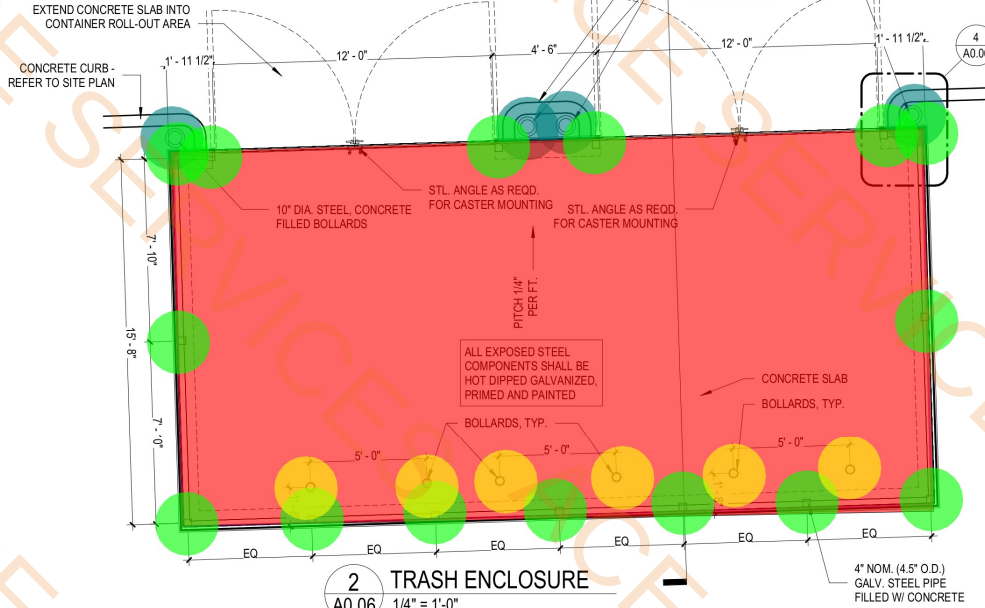


7 TRASH ENCLOSURE - GATE ELEVATION
A0.06 3/8" = 1'-0"

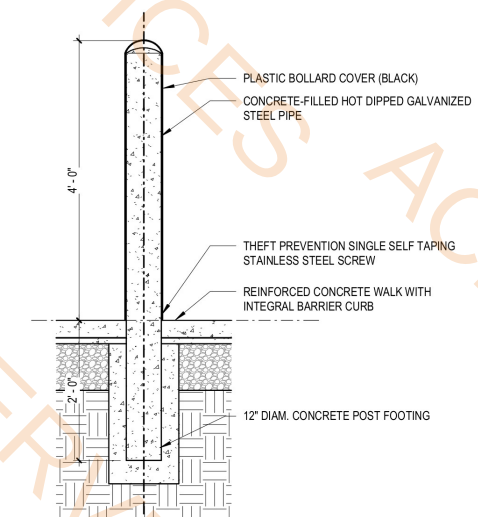


6 TRASH ENCLOSURE - SECTION
A0.06 3/4" = 1'-0"

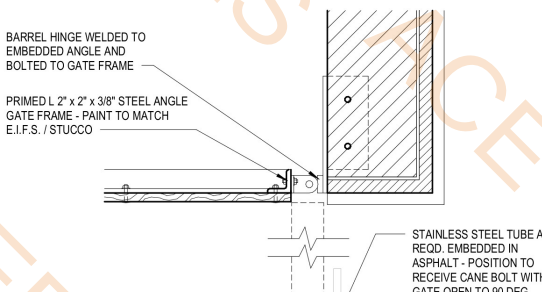
*SIZE ENCLOSURE TO ACCOMMODATE DISPOSAL EQUIPMENT, AND COORDINATE WITH C.M.U. MODULE. VERIFY REQUIREMENTS WITH THE AUTHORITY HAVING JURISDICTION AND THE WASTE DISPOSAL SERVICE PROVIDER.



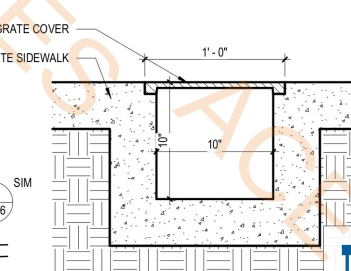
2 TRASH ENCLOSURE
A0.06 1/4" = 1'-0"



5 BOLLARD DETAIL
A0.06 3/4" = 1'-0"



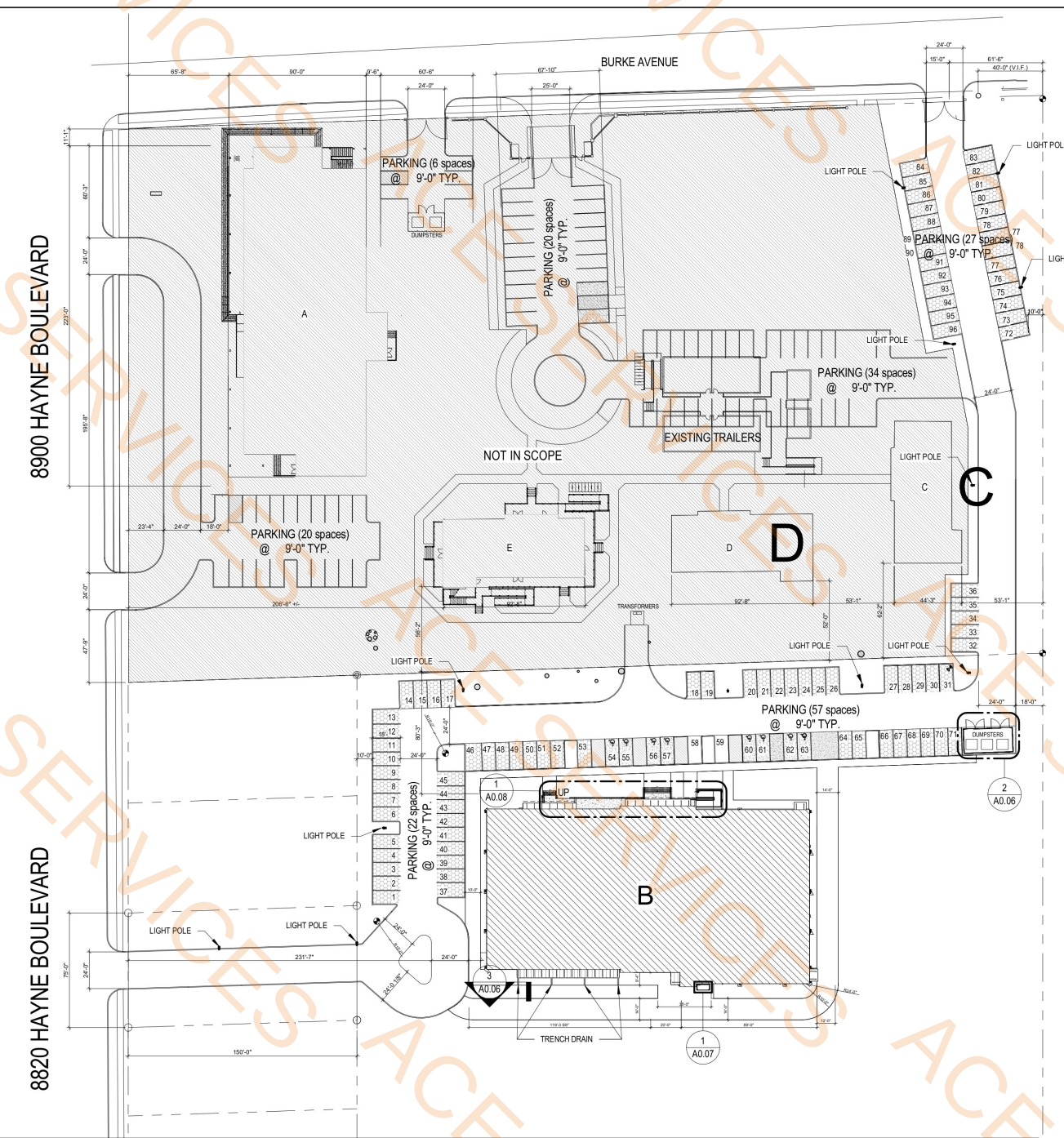
4 TRASH ENCLOSURE - CORNER DETAIL
A0.06 1 1/2" = 1'-0"



3 SIDEWALK TRENCH @ S
A0.06 1 1/2" = 1'-0"

- 18" Depth And 36" Width Dumpster Footing
- 10" Dia Bollards Concrete Filled(6'-0" Ht)
- 8" Thk Concrete Pad For Dumpster
- 4" Dia Concrete Filled Pipe (4'-0" Ht))
- 6" Dia Bollard (4'-0" Ht)

67.7 FT	
4.0 EA	
523.1 SQ FT	
15.0 EA	
6.0 EA	



1 OVERALL SITE PLAN
A0.06 1" = 50'-0"

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TITLE: SITE PLAN

SHEET: A0.06

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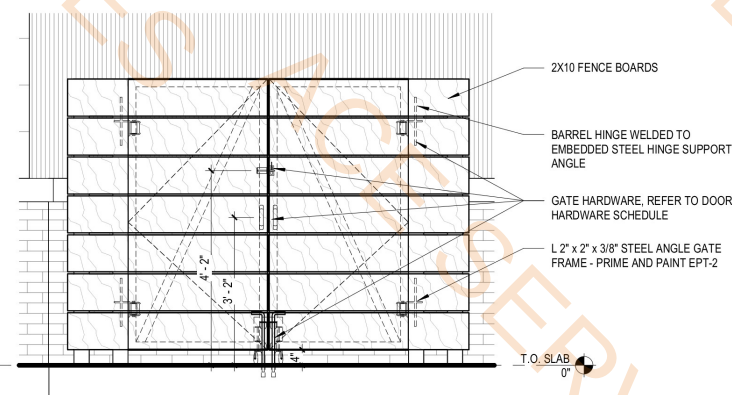
SITE DETAILS

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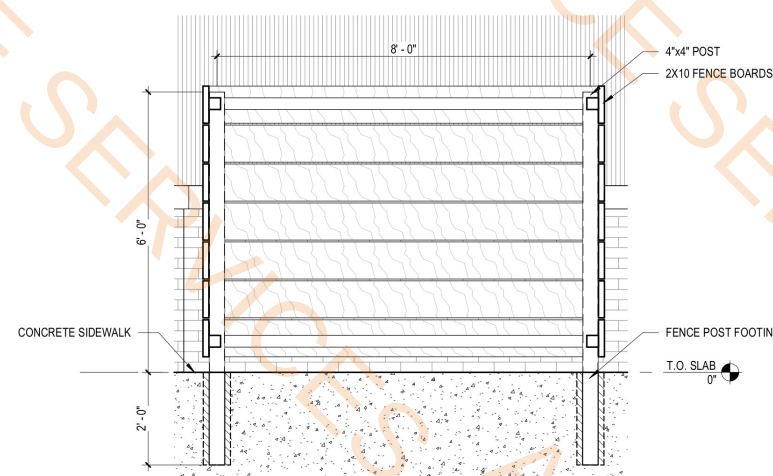
A0.07

- 4"x4" Wooden Post (6'-0" HT)
- 8'x3.5' Concrete Pad

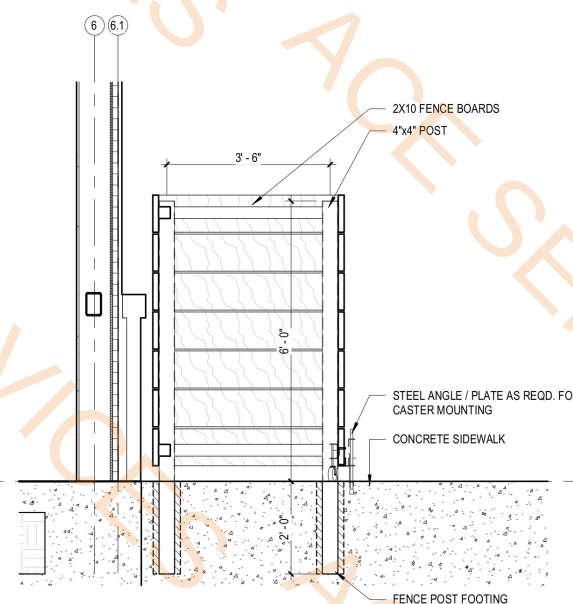
6.0 EA
1.0 EA



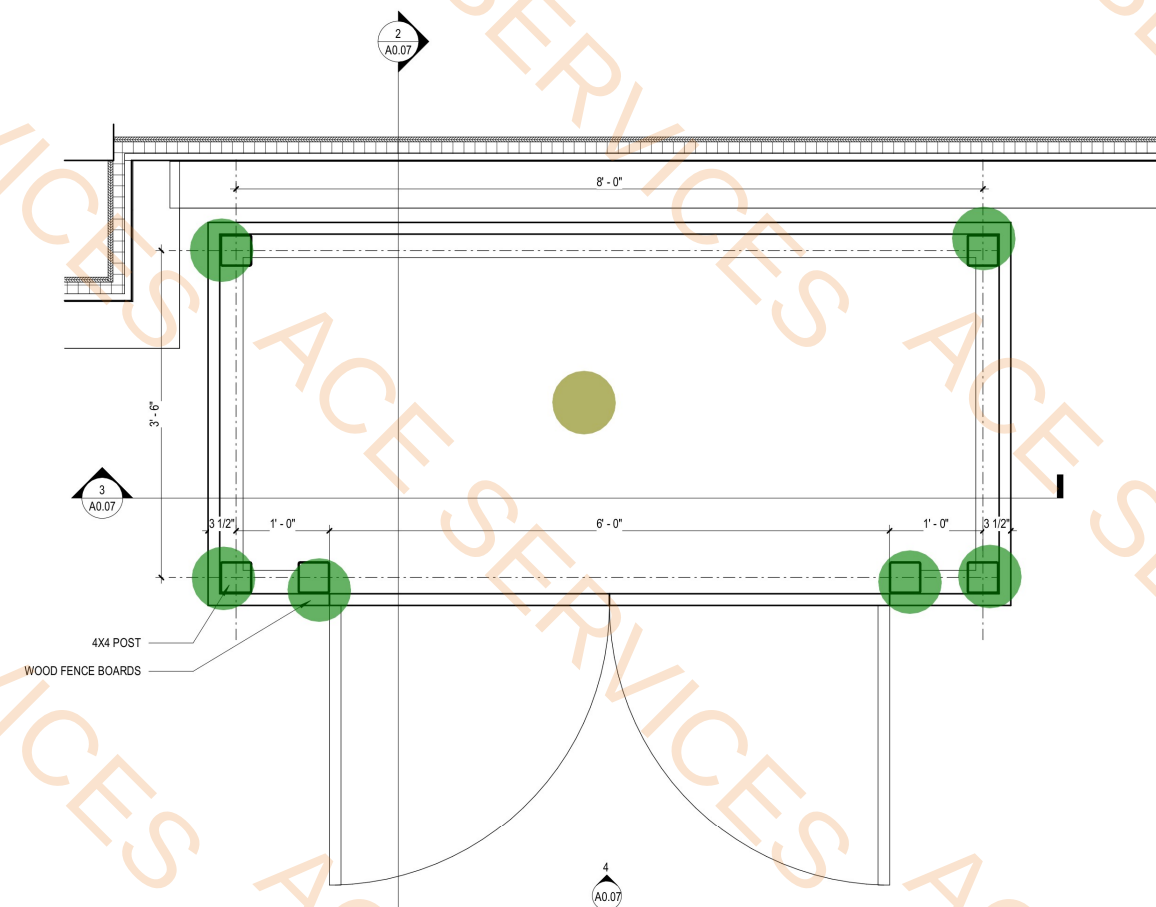
4 TRASH ENCLOSURE - SOUTH ELEVATION
A0.07 1/2" = 1'-0"



3 TRASH ENCLOSURE - SECTION 2
A0.07 1/2" = 1'-0"



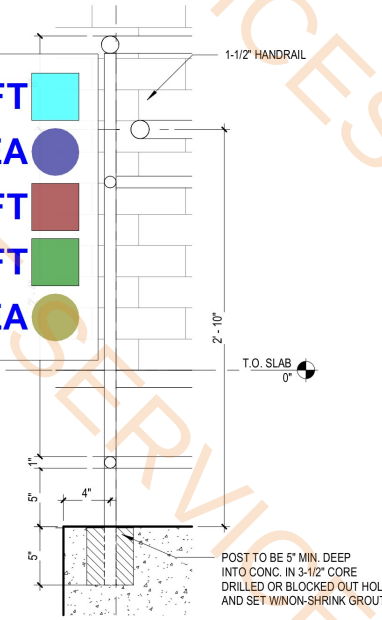
2 TRASH ENCLOSURE - SECTION 1
A0.07 1/2" = 1'-0"



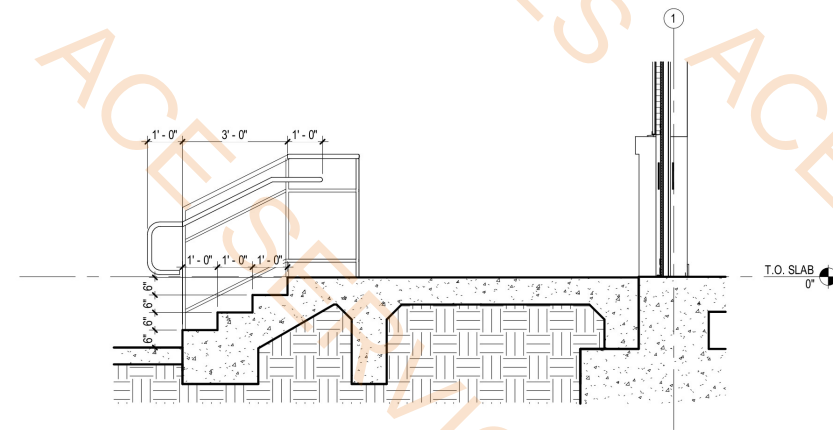
1 TRASH ENCLOSURE - ENLARGED PLAN
A0.07 1" = 1'-0"

- Handrail Railing (3'-6" Ht)
- Concrete Step (9'L x 6" Depth And 1' Deep)
- 6 1/2" Thk Concrete Ramp
- 5" Thk Concrete Ramp
- Concrete Steps (17'-7" L) 1"-0" Wide And 6" High

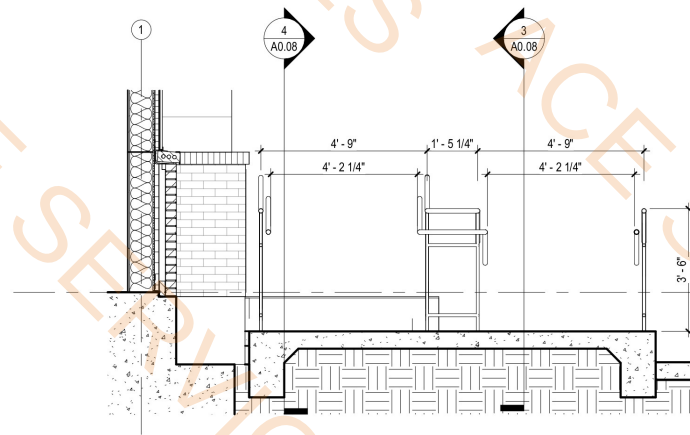
139.6 FT
3.0 EA
543.3 SQ FT
182.0 SQ FT
3.0 EA



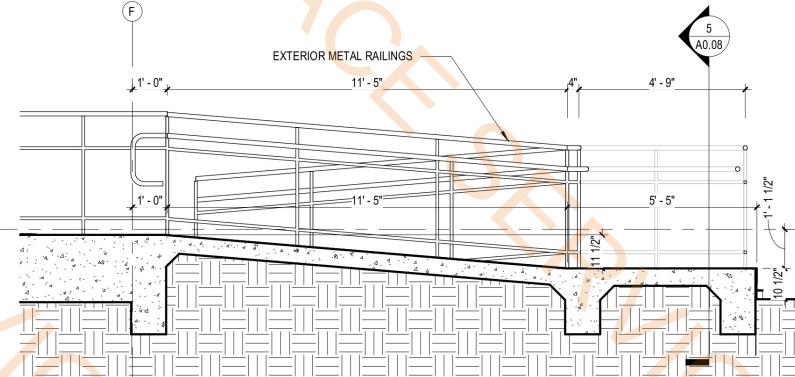
6 RAILING DETAIL
1 1/2" = 1'-0"



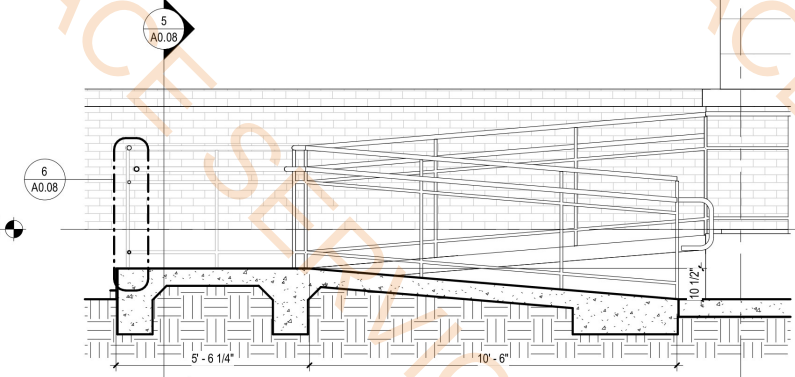
2 ENTRY RAMP SECTION 4
3/8" = 1'-0"



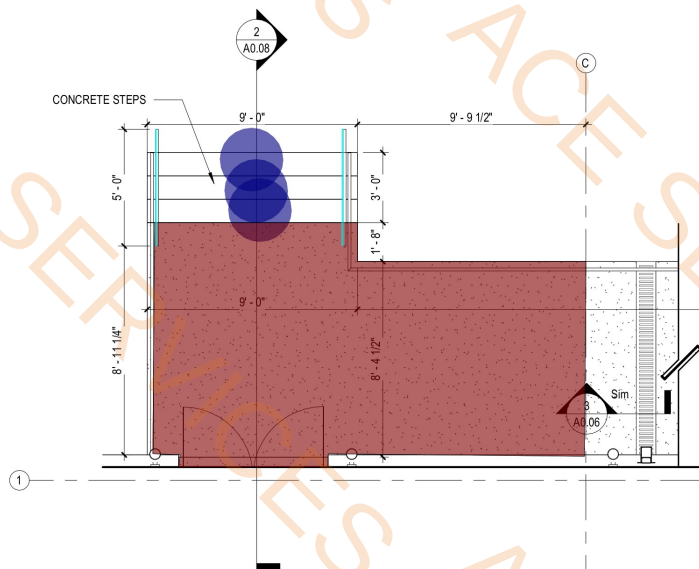
5 ENTRY RAMP SECTION 3
3/8" = 1'-0"



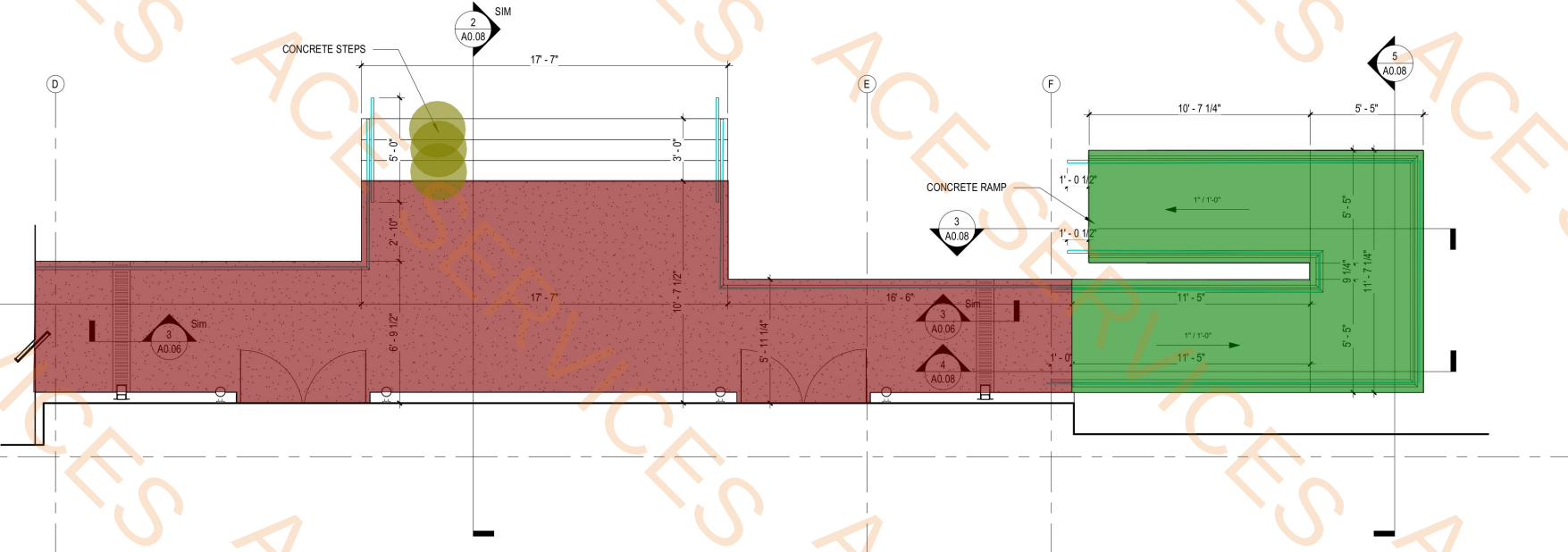
4 ENTRY RAMP SECTION 2
3/8" = 1'-0"



3 ENTRY RAMP SECTION 1
3/8" = 1'-0"



1 FRONT ENTRY STAIR AND RAMP
1/4" = 1'-0"



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TITLE:

SITE DETAILS

SHEET:

A0.08



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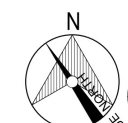
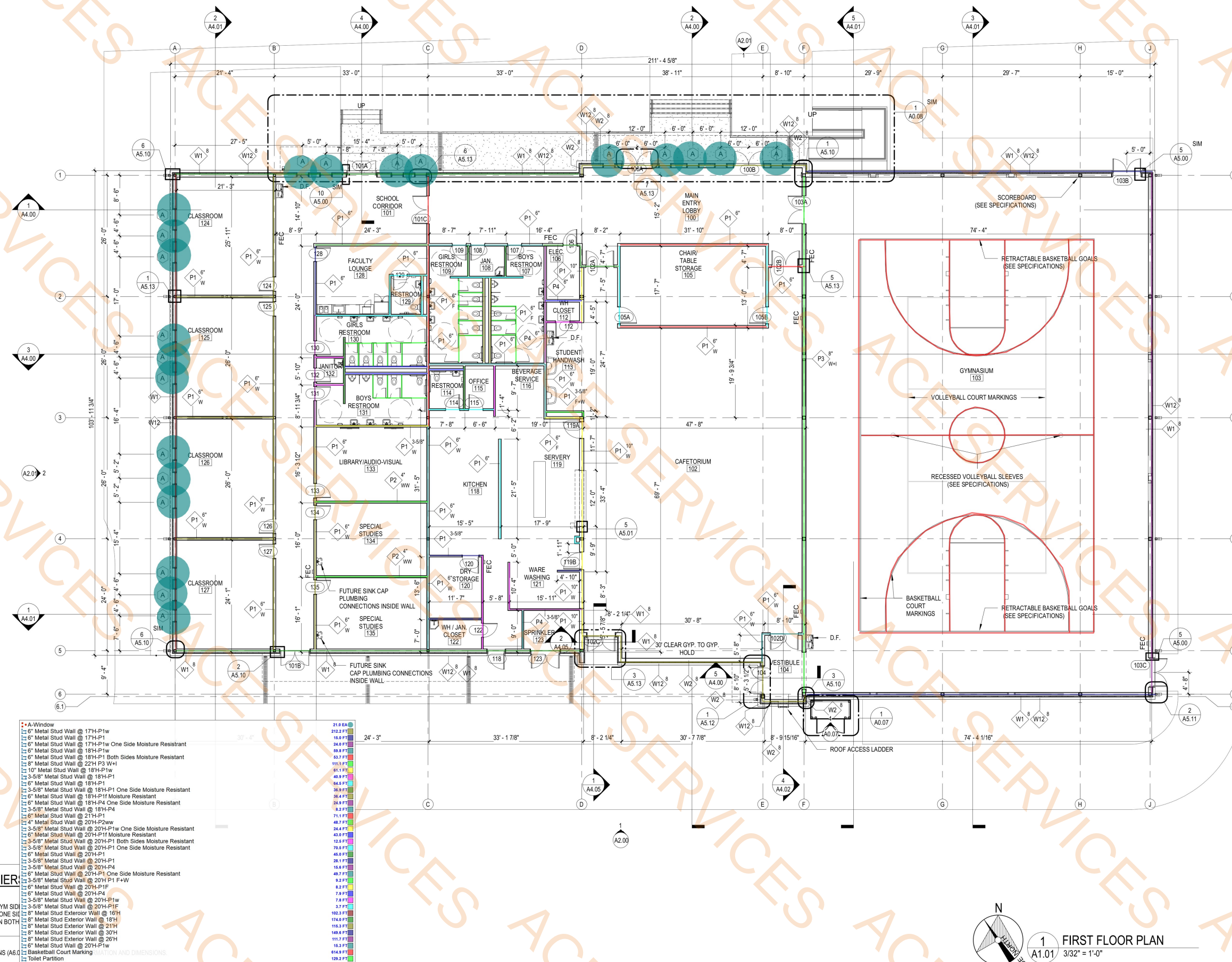
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FIRST FLOOR PLAN

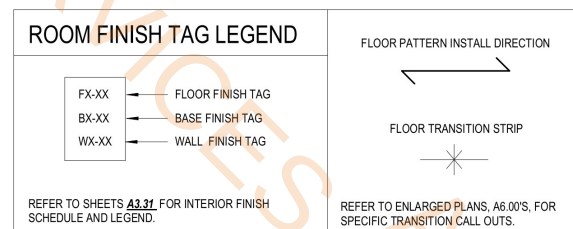
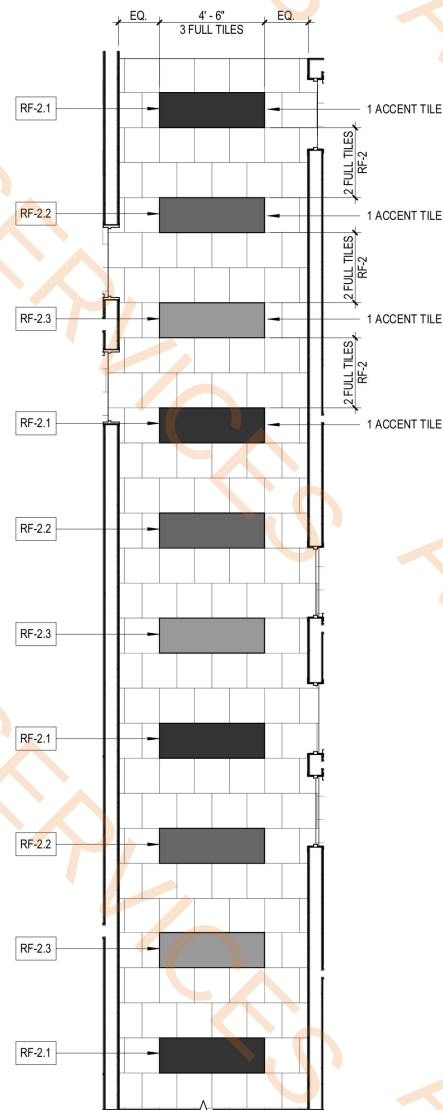
SHEET:

A1.01



1 FIRST FLOOR PLAN
A1.01 3/32" = 1'-0"

FINISH LEGEND	
TAG	DESCRIPTION
ACT-1	2X2 ACOUSTICAL CEILING GRID & TILE, WHITE
ACT-2	2X2 CEILING GRID & TILE, CLEANABLE, WHITE
ACT-3	2X4 ACOUSTICAL CEILING GRID & TILE, WHITE
AF-1	ATHLETIC FLOORING
FRP	FIBER REINFORCED PANELS, WHITE
P-1	PAINT
P-2	PAINT
P-3	PAINT
P-4	PAINT
PL-1	PLASTIC LAMINATE FOR COUNTERTOPS
PL-2	PLASTIC LAMINATE FOR CABINETS
QT-1	QUARRY TILE
QT-B1	QUARRY TILE BASE
RB-1	4" H RESILIENT BASE WITH TOE
RF-1	RESILIENT FLOORING / LVT
SC	SEALED CONCRETE
SS-1	SOLID SURFACE
T-1	FLOOR TILE
T-2	WALL TILE
TB-1	TILE BASE
TP-1	TOILET PARTITION



2 ENLARGED CORRIDOR FLOOR PATTERN
A1.04 1/4" = 1'-0"

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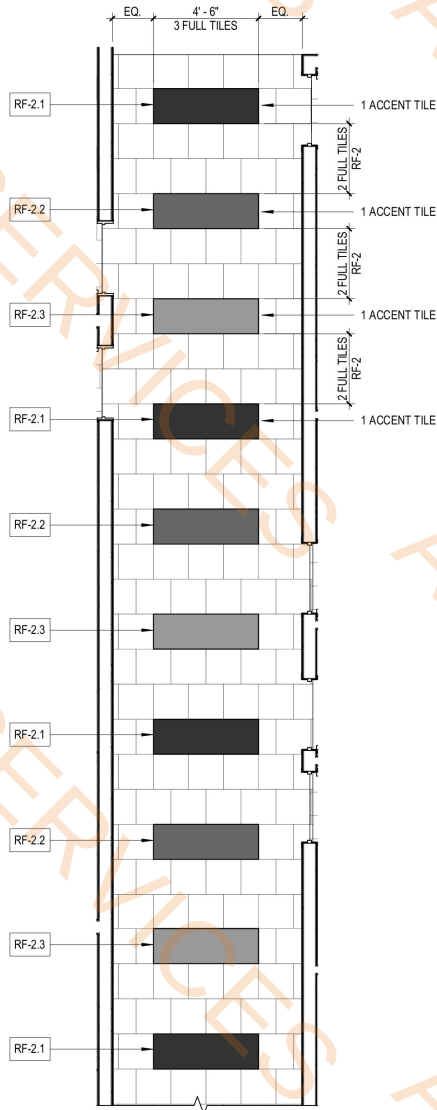
CONSTRUCTION DOCUMENTS

TITLE:

SHEET:

FINISH LEGEND	
TAG	DESCRIPTION
ACT-1	2X2 ACOUSTICAL CEILING GRID & TILE, WHITE
ACT-2	2X2 CEILING GRID & TILE, CLEANABLE, WHITE
ACT-3	2X4 ACOUSTICAL CEILING GRID & TILE, WITE
AF-1	ATHLETIC FLOORING
FRP	FIBER REINFORCED PANELS, WHITE
P-1	PAINT
P-2	PAINT
P-3	PAINT
P-4	PAINT
PL-1	PLASTIC LAMINATE FOR COUNTERTOPS
PL-2	PLASTIC LAMINATE FOR CAIBNETS
QT-1	QUARRY TILE
QTB-1	QUARRY TILE BASE
RB-1	4" H RESILIENT BASE WITH TOE
RF-1	RESILIENT FLOORING / LVT
SC	SEALED CONCRETE
SS-1	SOLID SURFACE
T-1	FLOOR TILE
T-2	WALL TILE
TB-1	TILE BASE
TP-1	TOILET PARTITION

RF-1 Flooring	3402.2 SQ FT
RF-2 Flooring	2458.8 SQ FT
Sealed Concrete	894.4 SQ FT
QT-1 Flooring	1633.7 SQ FT
RF-3 Flooring	3575.6 SQ FT
AF-1 Flooring	8159.2 SQ FT
T-1 Flooring	1043.0 SQ FT
RF2.1	48.6 SQ FT
RF2.2	41.5 SQ FT
RF2.3	41.9 SQ FT
Transition Strip	72.4 FT
RB-1 Wall Base	1914.2 FT
QTB-1 Wall Base	293.4 FT
TB-1 Wall Base	11.6 FT
Fire Extinguisher Cabinet	6.0 EA



2 ENLARGED CORRIDOR FLOOR PATTERN
A1.04 1/4" = 1'-0"



ROOM FINISH TAG LEGEND	
FX-XX	FLOOR FINISH TAG
BX-XX	BASE FINISH TAG
WX-XX	WALL FINISH TAG
REFER TO SHEETS A1.01 FOR INTERIOR FINISH SCHEDULE AND LEGEND.	
FLOOR PATTERN INSTALL DIRECTION	
FLOOR TRANSITION STRIP	
REFER TO ENLARGED PLANS, A6.00'S, FOR SPECIFIC TRANSITION CALL OUTS.	

1 FIRST FLOOR PLAN - FINISHES
A1.04 3/32" = 1'-0"

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REFLECTED CEILING
PLAN

SHEET:

A1.21

- ACT-1 Ceiling
- ACT-3 Ceiling
- ACT-2 Ceiling
- Gypsum Board Ceiling w/P1
- Moistur Resistant Gypsum Board Ceiling w/P5
- Exposed Structure
- Metal Panel

6374.4 SQ FT
3212.7 SQ FT
1630.9 SQ FT
250.9 SQ FT
993.1 SQ FT
8735.7 SQ FT
38.3 SQ FT

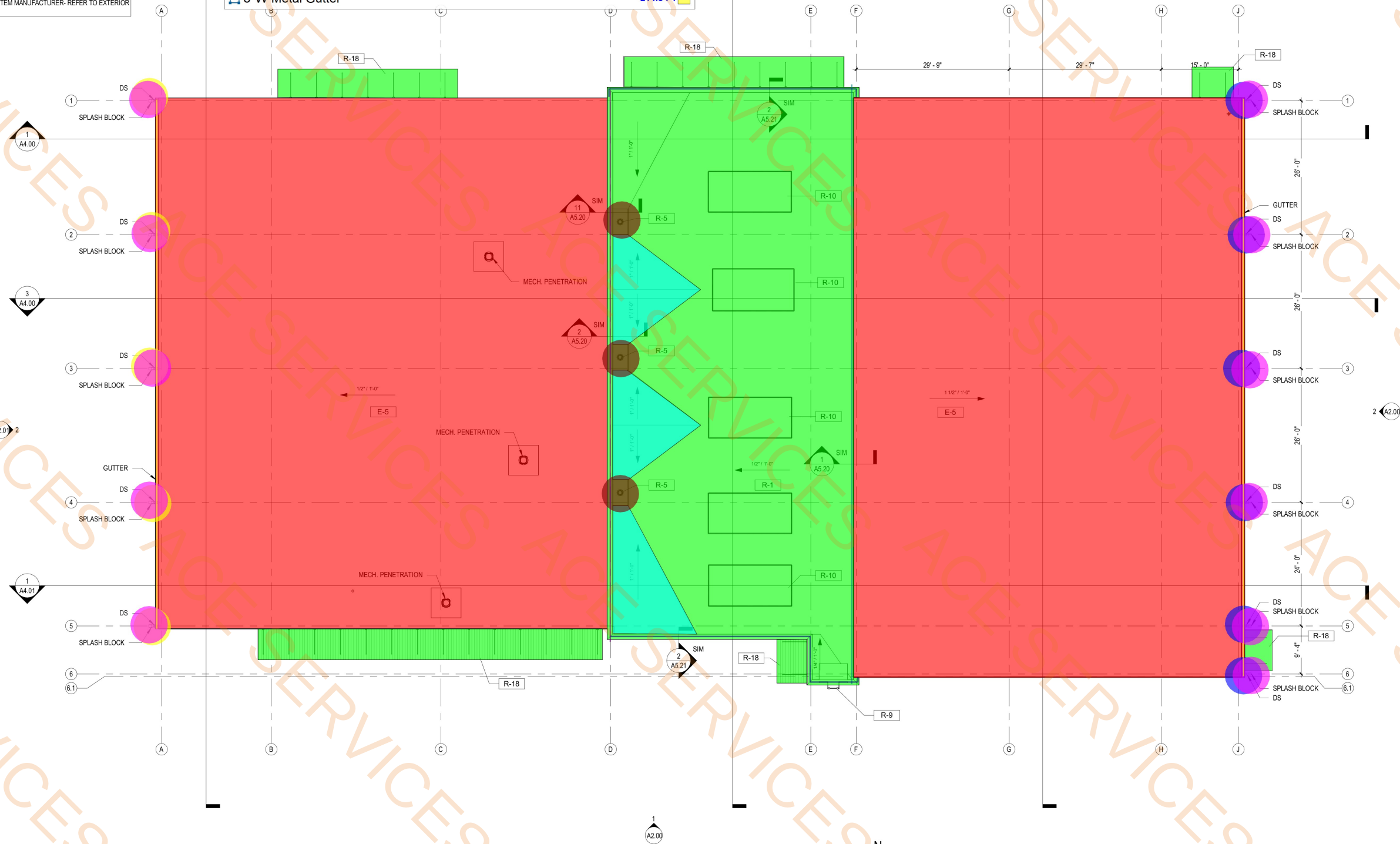


1 FIRST FLOOR REFLECTED CEILING PLAN
A1.21 3/32" = 1'-0"

KEYNOTE LEGEND	
NUMBER	KEYNOTE
E-5	METAL ROOFING SYSTEM
R-1	LOW-SLOPE ROOFING: THERMOPLASTIC SHEET MEMBRANE ROOFING (INITIAL SRI > 82 & 3-YEAR-AGED SRI > 64) INSTALLED OVER TAPERED INSULATION AS REQUIRED TO FORM RIDGES, VALLEYS, CRICKETS AND SADDLES AS MINIMUM PITCH REQUIREMENTS FOR THE APPLICATION, WHICHEVER IS GREATER- FORM SLOPES TO ELIMINATE THE POSSIBILITY OF PONDING; REFER TO WALL SECTIONS AND CONSTRUCTION TYPES
R-5	ROOF DRAIN: METAL DRAIN PAN AND BASKET ASSEMBLY WITH CLAMP RING SECURED WATER-TIGHT TO ROOFING MEMBRANE- REFER TO PLUMBING DRAWINGS
R-9	ROOF LADDER: REFER TO A5.20 FOR DETAILS
R-10	MECHANICAL EQUIPMENT: VENTILATION UNIT, PACKAGED ROOFTOP HEATING AND COOLING UNIT OR SPLIT-SYSTEM A/C UNIT MOUNTED TO SHOP-FAB, VIBRATION-ISOLATING RAIL OR INSULATED CURB UNIT- LAP FLASH WATER-TIGHT TO ROOFING MEMBRANE- REFER TO MECHANICAL DRAWINGS
R-18	SUN SHADE: BY STOREFRONT SYSTEM MANUFACTURER- REFER TO EXTERIOR ELEVATION NOTES

- Metal Roofing System
- TPO Roofing System
- Downspout @ 17'H
- Downspout @ 26'H
- Splash Block
- Roof Cricket
- Roof Drain R-5
- Insulate Curb
- Parapet Wall @ 3'H Section 2/A5.21
- Parapet Wall @ 3'H Section 4/A4.04
- 8" Metal Stud Wall @ 14'H Section 6/A4.04
- Sunshade
- 8"W Metal Gutter

- 17596.8 SQ FT
- 5218.3 SQ FT
- 5.0 EA
- 6.0 EA
- 11.0 EA
- 664.6 SQ FT
- 3.0 EA
- 240.5 FT
- 109.1 FT
- 107.0 FT
- 116.4 FT
- 992.0 SQ FT
- 214.8 FT



1 ROOF PLAN
A1.30 3/32" = 1'-0"

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"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
NEW ORLEANS, LA 70127
8820 HAYNE BLVD

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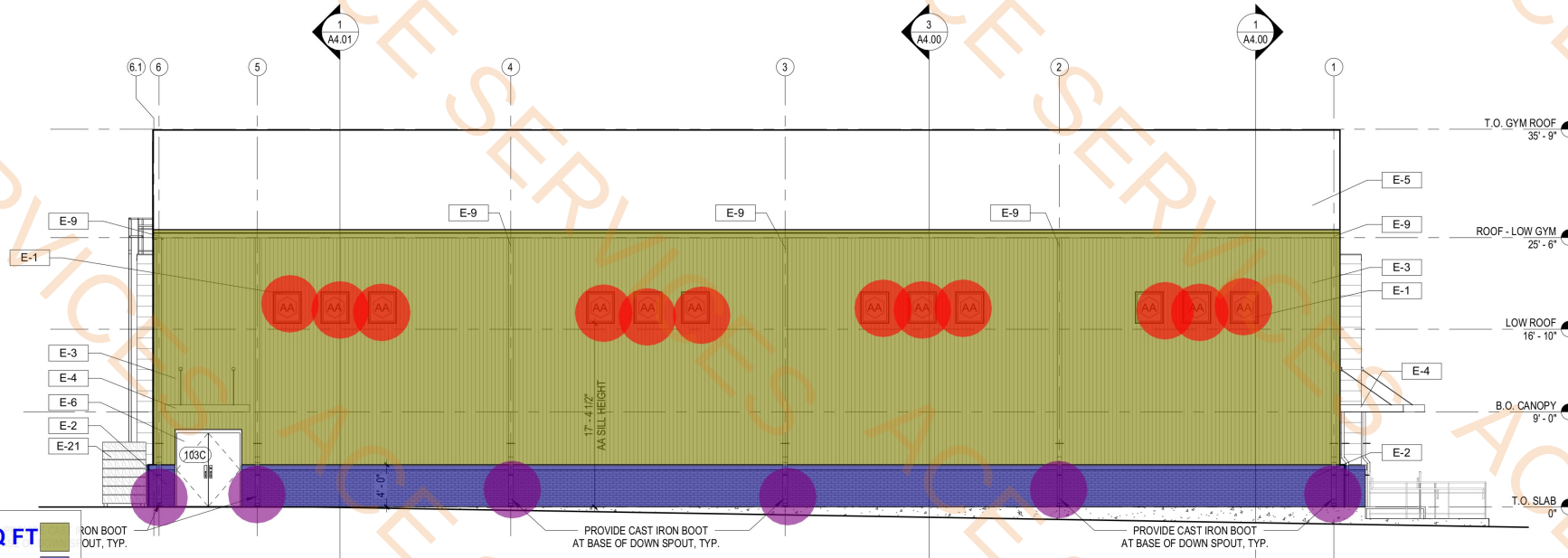
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ROOF PLAN

SHEET:
A1.30

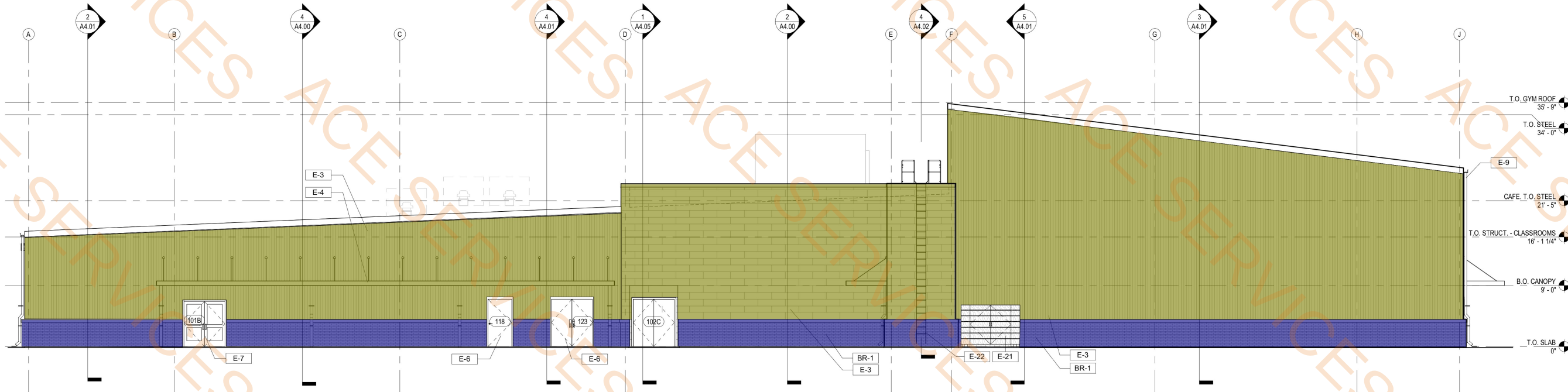
KEYNOTE LEGEND	
NUMBER	KEYNOTE
E-1	ANODIZED ALUMINUM WINDOW SYSTEM.
E-2	FACE BRICK WAINGSCOT
E-3	CORRUGATED, METAL PANEL SYSTEM (TYP.)
E-4	METAL OVERHANG
E-5	METAL ROOFING SYSTEM
E-6	HOLLOW METAL DOOR SYSTEM
E-7	ANODIZED ALUMINUM DOOR SYSTEM.
E-9	GUTTER DOWNSPOUT: ALUMINUM DOWNSPOUT, SIZED AS REQUIRED, WITH ATTACHMENT HARDWARE AS REQUIRED, PAINTED TO MATCH ADJACENT WALL FINISH
E-21	TRASH ENCLOSURE
E-22	

- Corrugated Metal Panels
- Face Brick Wainscoat
- Cast Iron Boot
- AA-Window

6496.5 SQ FT
1135.1 SQ FT
6.0 EA
12.0 EA



2 EAST ELEVATION
1/8" = 1'-0"



1 SOUTH ELEVATION
1/8" = 1'-0"

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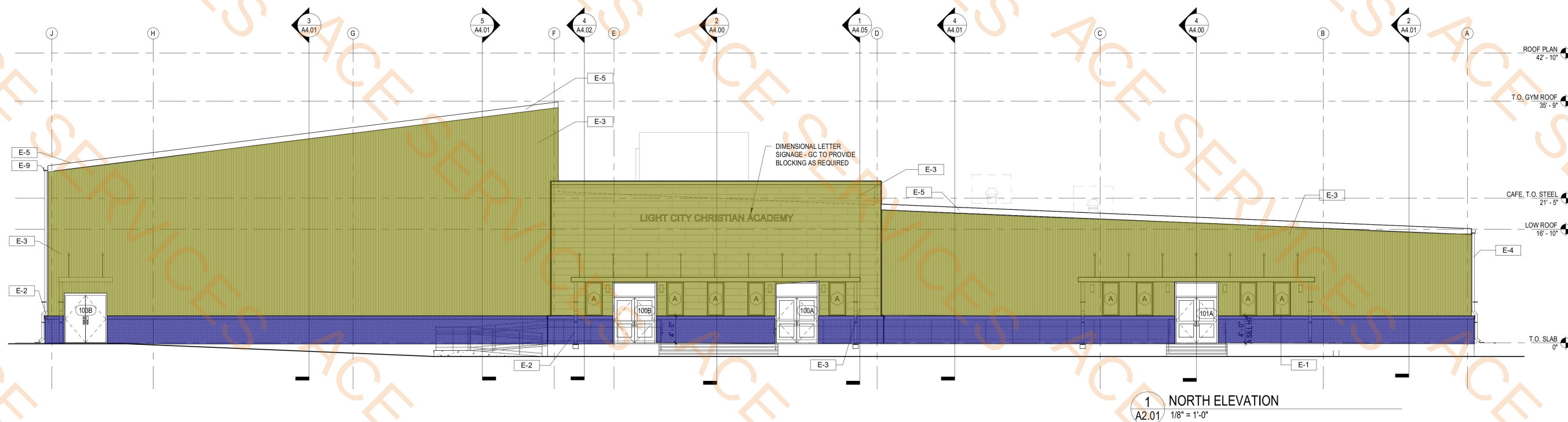
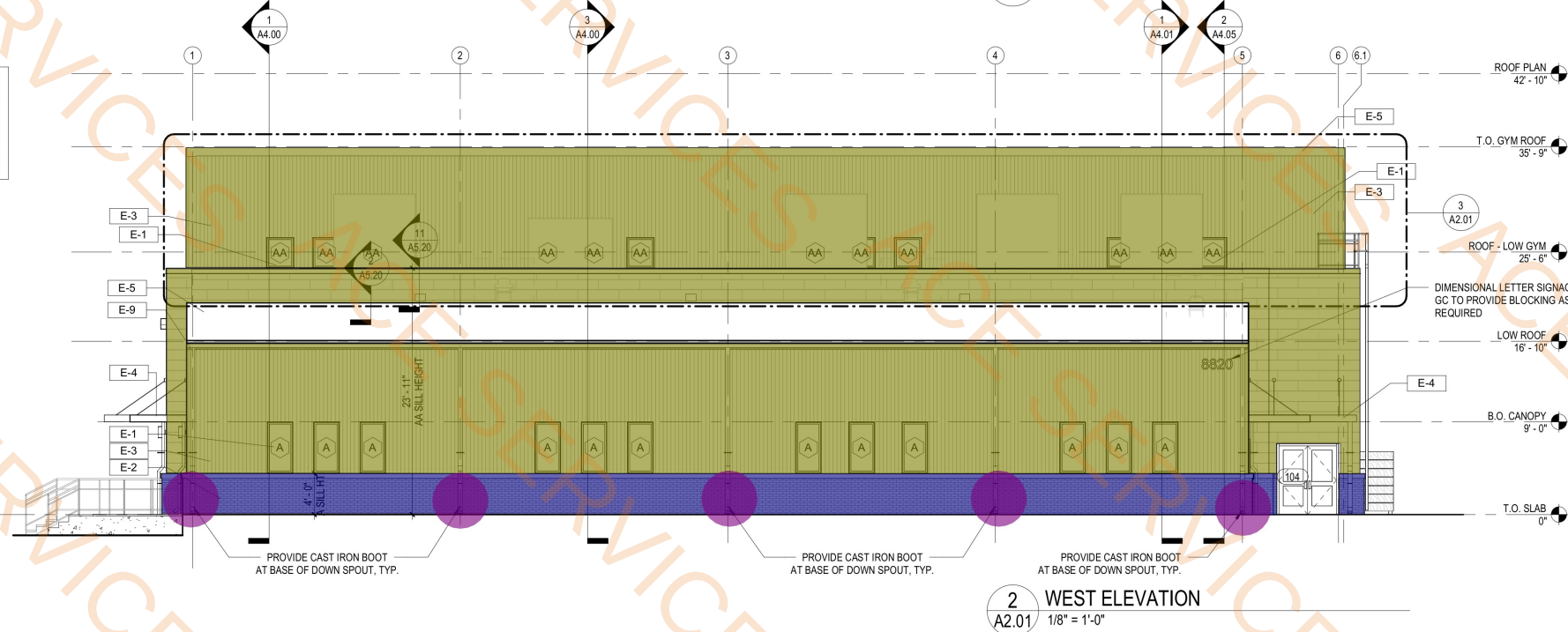
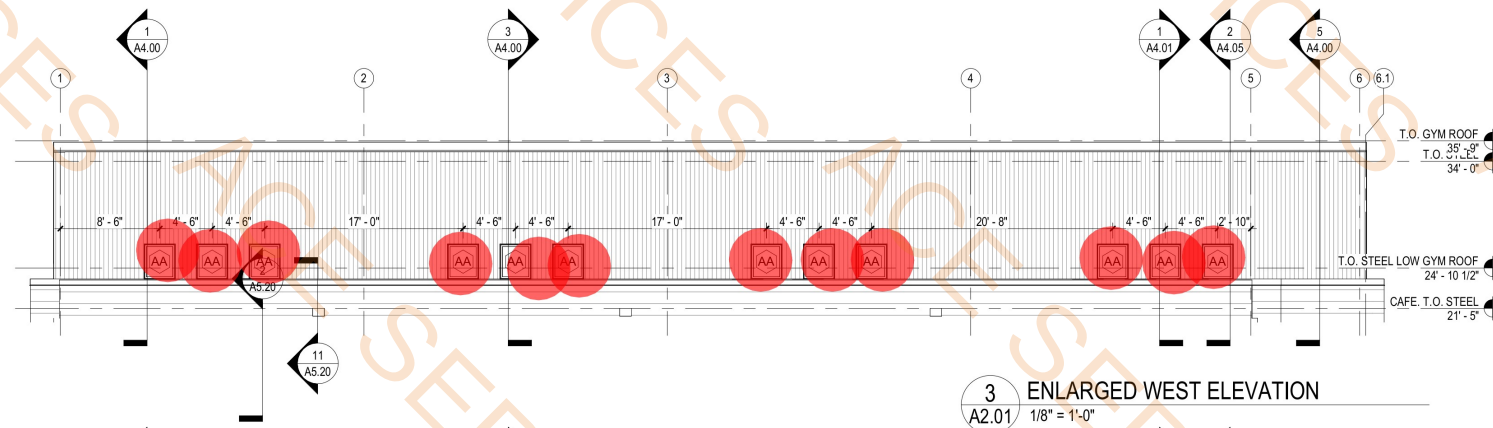
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EXTERIOR
ELEVATIONS

SHEET:
A2.00

KEYNOTE LEGEND	
NUMBER	KEYNOTE
E-1	ANODIZED ALUMINUM WINDOW SYSTEM
E-2	FACE BRICK WAINSCOT
E-3	CORRUGATED METAL PANEL SYSTEM (TYP.)
E-4	METAL OVERHANG
E-5	METAL ROOFING SYSTEM
E-9	GUTTER DOWNSPOUT: ALUMINUM DOWNSPOUT, SIZED AS REQUIRED, WITH ATTACHMENT HARDWARE AS REQUIRED, PAINTED TO MATCH ADJACENT WALL FINISH

- Corrugated Metal Panels
- Face Brick Wainscot
- Cast Iron Boot
- AA-Window

7199.2 SQ FT
1191.5 SQ FT
5.0 EA
12.0 EA



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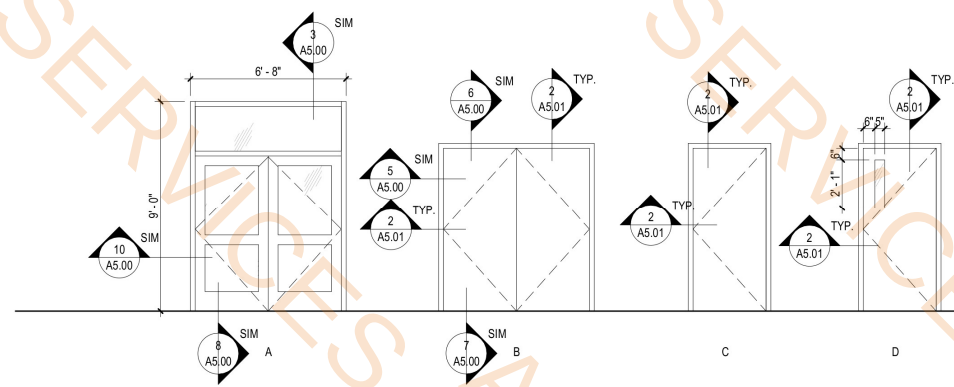
19068-E

TITLE:
EXTERIOR
ELEVATIONS

SHEET:
A2.01

DOOR SCHEDULE													
#	To Room: Name	ELEV TYPE	SIZE		DESCRIPTION	FRAME MTL.	RATING	HARDWARE SET	SIGNAGE TEXT*	HEAD	JAMB	SILL	REMARKS
			WIDTH	HEIGHT									
100A	MAIN ENTRY LOBBY	A	6'-0"	6' - 8"	EXTERIOR STOREFRONT PAIR WITH TEMPERED GLASS	ALUM.		10	EXIT	3/A5.00	10/A5.00	8/A5.00	
100B	MAIN ENTRY LOBBY	A	6'-0"	6' - 8"	EXTERIOR STOREFRONT PAIR WITH TEMPERED GLASS	ALUM.		10	EXIT	3/A5.00	10/A5.00	8/A5.00	
101A	SCHOOL CORRIDOR	A	6'-0"	6' - 8"	EXTERIOR STOREFRONT PAIR WITH TEMPERED GLASS	ALUM.		10	EXIT	3/A5.00	10/A5.00	8/A5.00	
101B	SCHOOL CORRIDOR	E	6'-0"	6' - 8"	EXTERIOR STOREFRONT PAIR WITH TEMPERED GLASS	ALUM.		10	EXIT	9/A5.00	10/A5.00	8/A5.00	
101C	SCHOOL CORRIDOR	B	6'-0"	7' - 0"	INTERIOR FLUSH WOOD PAIR	HM		7		2/A5.01	2/A5.01		
102A	MAIN ENTRY LOBBY	B	6'-0"	7' - 0"	INTERIOR FLUSH WOOD PAIR	HM		6	101	2/A5.01	2/A5.01		
102B	MAIN ENTRY LOBBY	B	6'-0"	7' - 0"	INTERIOR FLUSH WOOD PAIR	HM		6	101	2/A5.01	2/A5.01		
102C	CAFETORIUM	B	6'-0"	7' - 0"	EXTERIOR FLUSH WOOD PAIR	HM		6	EXIT	6/A5.00	5/A5.00		
102D	VESTIBULE	B	6'-0"	7' - 0"	INTERIOR FLUSH WOOD PAIR	HM		6	EXIT / 101	2/A5.01	2/A5.01		EXIT @ CAFETORIUM SIDE, 101 @ VESTIBULE SIDE
103A	MAIN ENTRY LOBBY	B	6'-0"	7' - 0"	INTERIOR FLUSH WOOD PAIR	HM		6	100	2/A5.01	2/A5.01		
103B	GYMNASIUM	B	6'-0"	7' - 0"	EXTERIOR FLUSH HOLLOW METAL PAIR	HM		2	EXIT	6/A5.00	5/A5.00	7/A5.00	
103C	GYMNASIUM	B	6'-0"	7' - 0"	EXTERIOR FLUSH HOLLOW METAL PAIR	HM		2	EXIT	6/A5.00	5/A5.00	7/A5.00	
104	VESTIBULE	E	5'-0"	6' - 8"	EXTERIOR STOREFRONT PAIR WITH TEMPERED GLASS	ALUM.		1	EXIT	9/A5.00	10/A5.00	8/A5.00	
105A	CHAIR/ TABLE STORAGE	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		8	102	2/A5.01	2/A5.01		
105B	CHAIR/ TABLE STORAGE	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		8	102	2/A5.01	2/A5.01		
106	ELEC.	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM	45 MIN.	5	108	2/A5.01	2/A5.01		
107	BOYS RESTROOM	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	MEN	2/A5.01	2/A5.01		
108	JAN.	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		10	109	2/A5.01	2/A5.01		
109	GIRLS RESTROOM	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	WOMEN	2/A5.01	2/A5.01		
112	STUDENT HANDWASH	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		9	103-S	2/A5.01	2/A5.01		
114	RESTROOM	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	RESTROOM	2/A5.01	2/A5.01		
115	OFFICE	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		5	105	2/A5.01	2/A5.01		
118	KITCHEN	C	3' - 0"	7' - 0"	EXTERIOR FLUSH HOLLOW METAL	HM		16	EXIT	2/A5.01	2/A5.01		
119A	CAFETORIUM	F	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		16	104	2/A5.01	2/A5.01		
119B	CAFETORIUM	F	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		16	104	2/A5.01	2/A5.01		
120	DRY STORAGE	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		8	106	2/A5.01	2/A5.01		
122	WH / JAN. CLOSET	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		10	107	2/A5.01	2/A5.01		
123	SPRINKLER	B	6'-0"	7' - 0"	EXTERIOR FLUSH HOLLOW METAL PAIR	HM	45 MIN.	5	RISER ROOM	6/A5.00	5/A5.00	7/A5.00	
124	CLASSROOM	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	111	2/A5.01	2/A5.01		
125	CLASSROOM	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	112	2/A5.01	2/A5.01		
126	CLASSROOM	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	116	2/A5.01	2/A5.01		
127	SCHOOL CORRIDOR	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	117	2/A5.01	2/A5.01		
128	FACULTY LOUNGE	C	3' - 6"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	110	2/A5.01	2/A5.01		
129	RESTROOM	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	RESTROOM	2/A5.01	2/A5.01		
130	GIRLS RESTROOM	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	WOMEN	2/A5.01	2/A5.01		
131	BOYS RESTROOM	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		15	MEN	2/A5.01	2/A5.01		
132	JANITOR	C	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR	HM		10	113	2/A5.01	2/A5.01		
133	LIBRARY/AUDIO-VIS UAL	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	114	2/A5.01	2/A5.01		
134	SCHOOL CORRIDOR	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	115	2/A5.01	2/A5.01		
135	SCHOOL CORRIDOR	D	3' - 0"	7' - 0"	SINGLE FLUSH INTERIOR WOOD DOOR WITH NARROW VISION LITE	HM		13	118	2/A5.01	2/A5.01		

*GENERAL NOTE: COORDINATE FINAL ROOM NUMBERING, FOR SIGNAGE, WITH OWNER PRIOR TO ORDERING.



1 DOOR TYPES
A3.21 1/4" = 1'-0"

- 6'x6'-8" Storefront
- 6'x7' Flush Wood Pair
- 6'x7' Flush Hollow Metal Pair
- 5'-7"x6'-8" Storefront
- 3'-6"x7' Single Flush Wood Door
- 3'x7' Single Flush Wood Door
- 3'x7' Single Flush Wood Door w/Narrow Vision Lite
- 3'-6"x7' Hollow Metal
- 3'-6"x7' Single Flush Wood Door w/Narrow Vision Lite
- Hardware Set 1
- Hardware Set 7
- Hardware Set 6
- Hardware Set 2
- Hardware Set 8
- Hardware Set 5
- Hardware Set 15
- Hardware Set 13
- Hardware Set 10
- Hardware Set 12
- Hardware Set 9
- Hardware Set 14
- Hardware Set 11
- Hardware Set 4
- Hardware Set 16
- Hardware Set 8
- Hardware Set 3

- 4.0 EA
- 6.0 EA
- 3.0 EA
- 1.0 EA
- 3.0 EA
- 12.0 EA
- 8.0 EA
- 1.0 EA
- 2.0 EA
- 5.0 EA
- 1.0 EA
- 5.0 EA
- 2.0 EA
- 1.0 EA
- 1.0 EA
- 7.0 EA
- 3.0 EA
- 1.0 EA
- 2.0 EA
- 1.0 EA
- 2.0 EA
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- 1.0 EA

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REG. NO. 3906
STATE OF LOUISIANA
REGISTERED ARCHITECT
11/5/2025

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
8820 HAYNE BLVD
NEW ORLEANS, LA 70127

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CONSTRUCTION DOCUMENTS
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DOOR TYPES & SCHEDULE
SHEET:
A3.21

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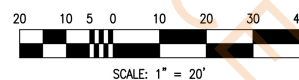
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SHEET:

C101A



1 PART. GRADING PLAN
C101A 1"=2'

↘ (-)1.50	PROPOSED FINISHED GRADE ELEVATION (HARDSCAPE)
↘ (-)1.38	PROPOSED TOP OF CURB ELEVATION
↘ (-)1.88	PROPOSED GUTTER BOTTOM ELEVATION
↘ (-)1.38	PROPOSED TOP OF CURB ELEVATION
↘ (-)1.88*	EXISTING PAVEMENT ELEVATION
↘ (-)0.9	PROPOSED FINISHED GRADE ELEVATION (GRASSY AREA)
G.B.	GRADE BREAK
↘ SLOPE	SLOPE NEW PAVING UNIFORMLY

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PERFORM TOPOGRAPHIC SURVEY OF ROADWAY INSTALLED IN SEPARATE CONTRACT AND PROVIDE AS-BUILT INFORMATION TO A/E FOR FURTHER EVALUATION. THIS IS TO ENSURE EXISTING ROADWAY SLOPES TOWARDS NEW PERMEABLE PAVING PROPOSED IN THE PARKING SPACES. PROPOSED ELEVATIONS OF PERMEABLE PAVING MAY NEED TO BE REVISED TO ACHIEVE THE DESIRED INTENT.
2. CONTRACTOR SHALL NOTIFY A/E IMMEDIATELY IF ANY CONFLICT OR DISCREPANCY IS IDENTIFIED WITH NEW FINISHED GRADES.
3. PAVEMENT AND SIDEWALK RUNNING SLOPE AND CROSS SLOPE SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND DPW OF NEW ORLEANS STANDARDS. RUNNING SLOPE NOT TO EXCEED 1 IN 20 (5%) AND CROSS SLOPE NOT TO EXCEED 1 IN 50 (2%).
4. CONTRACTOR SHALL PROVIDE MINIMUM OF 5' LANDING AT THE TOP AND BOTTOM OF ALL STAIRS, ADA RAMPS, CONFORMING WITH ADA REQUIREMENTS. SLOPE FOR LANDING SHALL NOT EXCEED 1 IN 50 (2%) IN ANY DIRECTION.
5. HANDICAP PARKING SPACE SLOPE NOT TO EXCEED 1 IN 50 (2%) IN ANY DIRECTIONS.
6. SECTION OF PAVING IN-LINE WITH SIDEWALK PAVING SHALL HAVE CROSS-SLOPE 2% MAX.
7. SLOPE NEW ROADWAY PAVING UNIFORMLY AS NOTED ON PLANS. ENSURE POSITIVE SLOPE AND DRAINAGE IS MAINTAINED. NOTIFY A/E IF ANY DISCREPANCY WITH FINISHED GRADES.
8. ADA CURB RAMP WITH DETECTABLE WARNING SURFACE. SLOPE SHALL NOT EXCEED 1(V):12(H) OR 8.33% MAX. SLOPE. CONCRETE PAVEMENT (MIN. 5" LENGTH) WITH CURB - TYPE -
9. CUT-IN - IN SLOPE SLOPE UNIFORMLY (CONSISTENT SLOPE) TOWARDS DRAIN INLET. SLOPE GRASSY AREA UNIFORMLY TOWARDS SWALE.
11. PROVIDE 1" UP (BEVELED EDGE) AT THE INTERFACE OF DRIVEWAY AND STREET PAVING.
12. RE-GRADE AND SLOPE OPEN AREA TO MATCH EXISTING GRADE. SLOPE UNIFORMLY (CONSISTENT SLOPE) - 3/(H):(V) MAX. SLOPE.
13. PROVIDE 5 FEET CURB TRANSITION FROM VERTICAL CURB TO ZERO (0) CURB AT PROPERTY LINE.
14. CASTING OR GRATE ELEVATION OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK TO BE FIELD TESTED. POST CASTING SHALL BE FLUSHED WITH NEW PAVING OR FINISHED GRADE OF GRASSY AREAS.
15. STREET REPAIRS AND UTILITY ELEVATIONS - FIELD TEST-OF-WAY SHALL BE IN COMPLIANCE AND REQUIREMENTS WITH DPW OF NEW ORLEANS REQUIREMENTS AND STANDARDS.

ENGINEER _____
REG. NO. _____



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NEW ORLEANS, LA 70127

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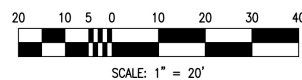
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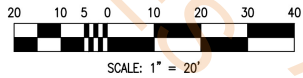
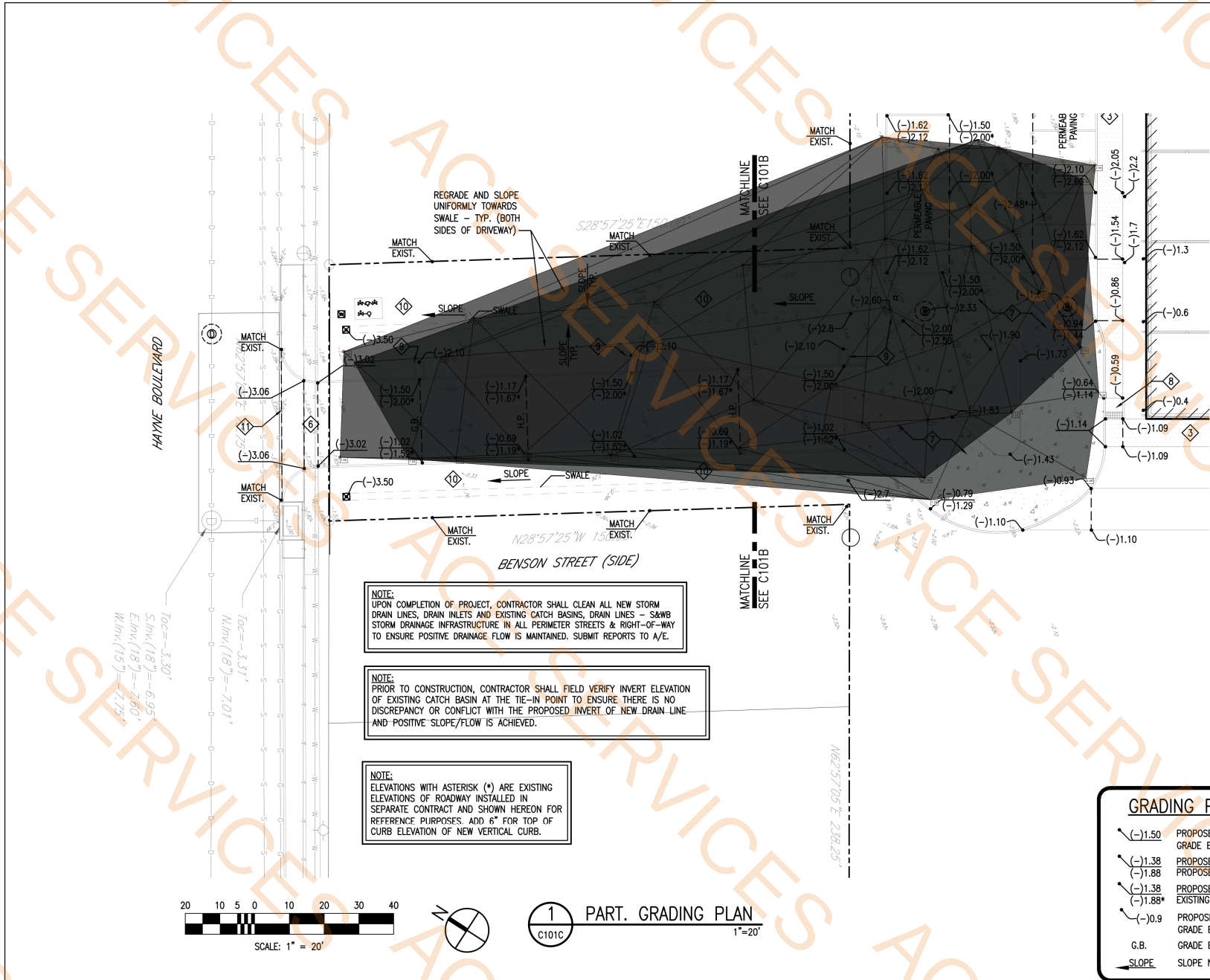


1 PART. GRADING PLAN

GRADING PLAN GENERAL NOTES AND PLAN KEY NOTE

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PERFORM TOPOGRAPHIC CONTRACT AND PROVIDE AS-BUILT INFORMATION TO A/E FOR FURTHER ROADWAY SLOPES TOWARDS NEW PERMEABLE PAVING PROPOSED IN THE PERMEABLE PAVING MAY NEED TO BE REVISED TO ACHIEVE THE DESIRED DRAINAGE.
2. CONTRACTOR SHALL NOTIFY A/E IMMEDIATELY IF ANY CONFLICT OR DISCREPANCY EXISTS.
3. PAVEMENT AND SIDEWALK RUNNING SLOPE AND CROSS SLOPE SHALL BE ACCESSIBLE DESIGN AND DPW OF NEW ORLEANS STANDARDS. RUNNING CROSS SLOPE NOT TO EXCEED 1 IN 50 (2%).
4. CONTRACTOR SHALL PROVIDE MINIMUM OF 5' LANDING AT THE TOP AND CONFORMING WITH ADA REQUIREMENTS. SLOPE FOR LANDING SHALL NOT EXCEED 1 IN 50 (2%).
5. HANDICAP PARKING SPACE SLOPE NOT TO EXCEED 1 IN 50 (2%) IN ANY DIRECTION.
6. SECTION OF PAVING IN-LINE WITH SIDEWALK PAVING SHALL HAVE CROSS SLOPE OF 1 IN 50 (2%).
7. SLOPE NEW ROADWAY PAVING UNIFORMLY AS NOTED ON PLANS. ENSURE SLOPE IS UNIFORM AND CONSISTENT WITH FINISHED GRADES.
8. ADA CURB RAMP WITH DETECTABLE WARNING SURFACE. SLOPE SHALL BE 1:12. CURB SHALL BE 4" MINIMUM (FLUM) (MIN. LENGTH) WITH CURB TYPE "A".
9. CUT-IN SWALE. SLOPE SWALE UNIFORMLY (CONSISTENT SLOPE) TOWARD TOWARDS SWALE.
10. PROVIDE 1" UP (BEVELED EDGE) AT THE INTERFACE OF DRIVEWAY AND SIDEWALK.
11. RE-GRADE AND SLOPE OPEN AREA TO MATCH EXISTING GRADE. SLOPE SHALL BE 1:12 MAX. SLOPE.
12. PROVIDE 5 FEET CURB TRANSITION FROM VERTICAL CURB TO ZERO (0) TO ZERO (0) TRANSITION.
13. CASTING OR GRATE ELEVATION OF ALL EXISTING STRUCTURES INVOLVED SHALL BE ADJUSTED TO CASTING SHALL BE FLUSHED WITH NEW PAVING OR FILL TO MATCH EXISTING GRADE. ALL EXISTING CURB-TO-GRADE-OF-WAY SHALL BE ADJUSTED TO MATCH EXISTING GRADE.
14. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF NEW ORLEANS REQUIREMENTS AND STANDARDS.

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PART. GRADING PLAN

1"=20'

Spot Elevation - Existing

1.250 - Existing	24.0 EA
1.120 - Existing	257.1 SQ FT
1.010 - Existing	1081.4 SQ FT
0.900 - Existing	511.3 SQ FT
1.280 - Existing	1116.4 SQ FT
1.690 - Existing	107.6 SQ FT
1.890 - Existing	604.3 SQ FT
1.150 - Existing	236.7 SQ FT
1.520 - Existing	441.8 SQ FT
1.270 - Existing	412.8 SQ FT
1.110 - Existing	508.9 SQ FT
0.980 - Existing	728.8 SQ FT
1.210 - Existing	77.6 SQ FT
1.430 - Existing	852.4 SQ FT
1.030 - Existing	895.1 SQ FT
1.170 - Existing	741.4 SQ FT
1.410 - Existing	189.8 SQ FT
0.930 - Existing	808.4 SQ FT
1.130 - Existing	180.8 SQ FT
1.130 - Existing	77.2 SQ FT
2.030 - Existing	142.3 SQ FT
2.180 - Existing	34.8 SQ FT
1.880 - Existing	69.3 SQ FT
1.400 - Existing	147.1 SQ FT
1.850 - Existing	157.7 SQ FT
2.040 - Existing	48.5 SQ FT
1.890 - Existing	362.4 SQ FT
1.780 - Existing	127.7 SQ FT
1.800 - Existing	81.0 SQ FT
1.510 - Existing	200.8 SQ FT
1.380 - Existing	157.8 SQ FT
1.100 - Existing	684.7 SQ FT
1.390 - Existing	589.1 SQ FT
1.610 - Existing	582.3 SQ FT
1.680 - Existing	242.9 SQ FT
1.840 - Existing	194.6 SQ FT
1.590 - Existing	71.7 SQ FT
1.740 - Existing	241.7 SQ FT
2.210 - Proposed	357.6 SQ FT
2.110 - Proposed	1148.9 SQ FT
1.800 - Proposed	893.0 SQ FT
2.230 - Proposed	670.8 SQ FT
2.370 - Proposed	661.2 SQ FT
1.760 - Proposed	643.1 SQ FT
1.330 - Proposed	303.0 SQ FT
1.600 - Proposed	477.2 SQ FT
1.600 - Proposed	542.9 SQ FT
1.600 - Proposed	406.1 SQ FT
1.330 - Proposed	251.3 SQ FT
1.330 - Proposed	250.3 SQ FT
1.570 - Proposed	184.9 SQ FT
1.330 - Proposed	273.0 SQ FT
1.780 - Proposed	325.6 SQ FT
2.410 - Proposed	391.4 SQ FT
2.270 - Proposed	1094.2 SQ FT
2.090 - Proposed	561.1 SQ FT
1.800 - Proposed	457.7 SQ FT
1.930 - Proposed	470.6 SQ FT
2.070 - Proposed	620.8 SQ FT
2.090 - Proposed	607.7 SQ FT
1.550 - Proposed	493.4 SQ FT
2.110 - Proposed	387.5 SQ FT
1.300 - Proposed	447.6 SQ FT
2.000 - Proposed	286.9 SQ FT
1.350 - Proposed	524.5 SQ FT
1.540 - Proposed	586.4 SQ FT
2.370 - Proposed	293.9 SQ FT

GRADING PLAN KEY

(-1.50)	PROPOSED FINISHED GRADE ELEVATION (HARD)
(-1.38)	PROPOSED TOP OF CURB
(-1.88)	PROPOSED GUTTER BOTTOM ELEVATION
(-1.38)	PROPOSED TOP OF CURB ELEVATION
(-1.88)	EXISTING PAVEMENT ELEVATION
(-0.9)	PROPOSED FINISHED GRADE ELEVATION (GRASSY AREA)
G.B.	GRADE BREAK
SLOPE	SLOPE NEW PAVING UNIFORMLY

GRADING PLAN GENERAL NOTES AND PLAN KEY NOTES:

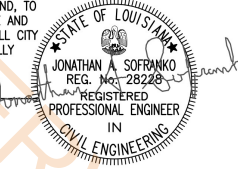
1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PERFORM TOPOGRAPHIC SURVEY OF ROADWAY INSTALLED IN SEPARATE CONTRACT AND PROVIDE AS-BUILT INFORMATION TO A/E FOR FURTHER EVALUATION. THIS IS TO ENSURE EXISTING ROADWAY SLOPES TOWARDS NEW PERMEABLE PAVING PROPOSED IN THE PARKING SPACES. PROPOSED ELEVATIONS OF PERMEABLE PAVING MAY NEED TO BE REVISED TO ACHIEVE THE DESIRED INTENT.
2. CONTRACTOR SHALL NOTIFY A/E IMMEDIATELY IF ANY CONFLICT OR DISCREPANCY IS IDENTIFIED WITH NEW FINISHED GRADES.
3. PAVEMENT AND SIDEWALK RUNNING SLOPE AND CROSS SLOPE SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND DPW OF NEW ORLEANS STANDARDS. RUNNING SLOPE NOT TO EXCEED 1 IN 20 (5%) AND CROSS SLOPE NOT TO EXCEED 1 IN 50 (2%).
4. CONTRACTOR SHALL PROVIDE MINIMUM OF 5' LANDING AT THE TOP AND BOTTOM OF ALL STAIRS, ADA RAMPS, CONFORMING WITH ADA REQUIREMENTS. SLOPE FOR LANDING SHALL NOT EXCEED 1 IN 50 (2%) IN ANY DIRECTION.
5. HANDICAP PARKING SPACE SLOPE NOT TO EXCEED 1 IN 50 (2%) IN ANY DIRECTIONS.
6. SECTION OF PAVING IN-LINE WITH SIDEWALK PAVING SHALL HAVE CROSS-SLOPE 2% MAX.
7. SLOPE NEW ROADWAY PAVING UNIFORMLY AS NOTED ON PLANS. ENSURE POSITIVE SLOPE AND DRAINAGE IS MAINTAINED. NOTIFY A/E IF ANY DISCREPANCY WITH FINISHED GRADES.
8. ADA CURB RAMP WITH DETECTABLE WARNING SURFACE. SLOPE SHALL NOT EXCEED 1(V):12(H) OR 8.33% MAX. SLOPE.
9. 6" CONCRETE PAVEMENT (FLUME) (MIN. 5' LENGTH) WITH CURB - TYP.
10. CUT-IN SWALE, SLOPE SWALE UNIFORMLY (CONSISTENT SLOPE) TOWARDS DRAIN INLET. SLOPE GRASSY AREA UNIFORMLY TOWARDS SWALE.
11. PROVIDE 1" UP (BEVELED EDGE) AT THE INTERFACE OF DRIVEWAY AND STREET PAVING.
12. RE-GRADE AND SLOPE OPEN AREA TO MATCH EXISTING GRADE. SLOPE UNIFORMLY (CONSISTENT SLOPE) - 3(H):1(V) MAX. SLOPE.
13. PROVIDE 5 FEET CURB TRANSITION FROM VERTICAL CURB TO ZERO (0) CURB AT PROPERTY LINE.
14. CASTING OR GRATE ELEVATION OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK TO BE FIELD ADJUSTED, TOP CASTING SHALL BE FLUSHED WITH NEW PAVING OR FINISHED GRADE OF GRASSY AREAS.
15. STREET REPAIRS AND NEW PAVING IN THE RIGHT-OF-WAY SHALL BE IN COMPLIANCE AND REQUIREMENTS WITH DPW OF NEW ORLEANS REQUIREMENTS AND STANDARDS.



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ENGINEER REG. NO.



10-31-2025

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
8820 HAYNE BLVD
NEW ORLEANS, LA 70127

100% CONSTRUCTION DOCS: 10/31/2025

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CHECKED BY: JAS

PHASE:

CONSTRUCTION DOCUMENTS

19068-E

TITLE:

PART. GRADING PLAN

SHEET:

C101C



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INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 25051

**LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING**

8820 HAYNE BLVD
NEW ORLEANS, LA 70127

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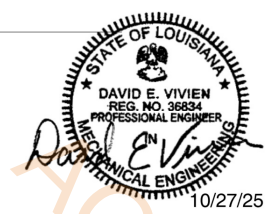
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19068-E

TITLE:
**PLUMBING ENLARGED
PLANS**

SHEET:

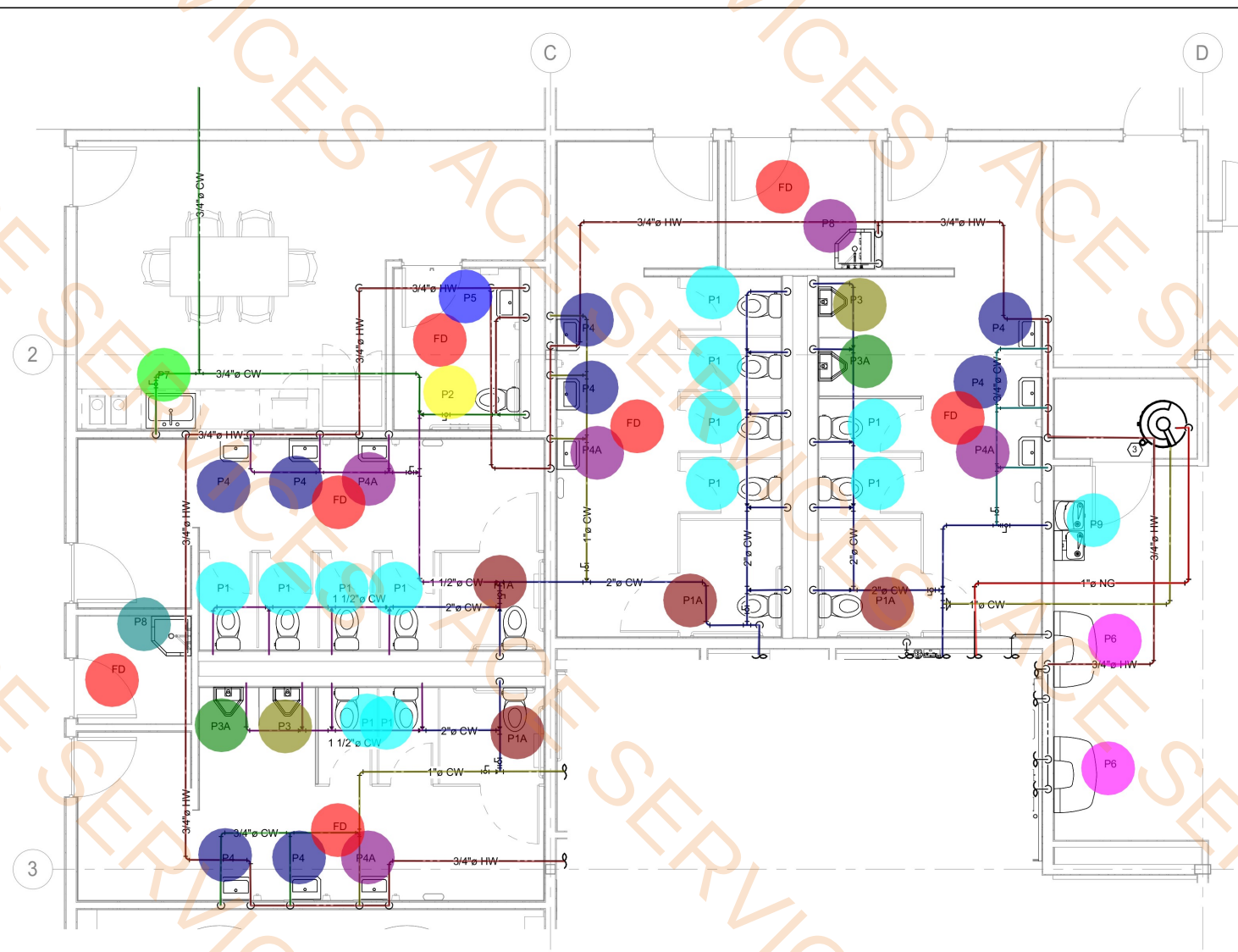
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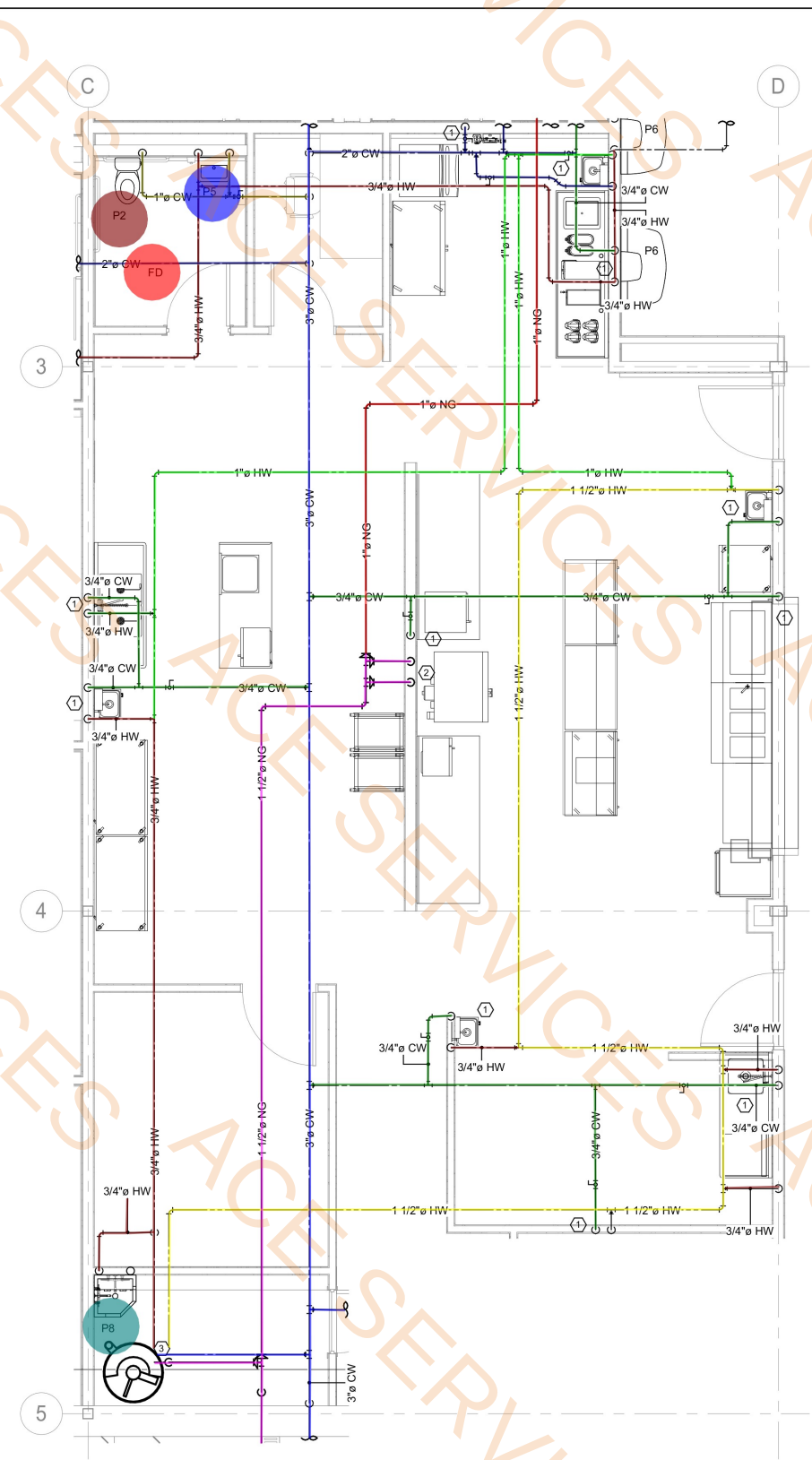
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1 1ST FL - ENLARGED RESTROOMS - DOMESTIC
1/4" = 1'-0"



2 1ST FL - ENLARGED KITCHEN - DOMESTIC
1/4" = 1'-0"

SPECIFIC NOTES

- CONNECT DOMESTIC HOT AND COLD WATER INTO KITCHEN VENDOR SUPPLIED FIXTURE.
- CONNECT NATURAL GAS INTO KITCHEN EQUIPMENT IN THIS LOCATION. PROVIDE REGULATOR FOR EACH PIECE OF EQUIPMENT. SEE KITCHEN VENDOR DRAWINGS FOR GAS REQUIREMENTS.
- PROVIDE HOT WATER RECIRCULATION PUMP IN THIS AREA. PROVIDE 10 GALLON EXPANSION TANK. PROVIDE VENT FROM WATER HEATER TO ROOF.

3/4" HW Pipe	252.6 FT
3/4" CW Pipe	144.3 FT
1" CW Pipe	67.5 FT
2" CW Pipe	137.4 FT
1 1/2" CW Pipe	63.4 FT
3/4" CW Cold Water Pipe	16.6 FT
1" Natural Gas Pipe	56.4 FT
1" HW Pipe	74.5 FT
1 1/2" HW Pipe	89.2 FT
3" CW Pipe	71.8 FT
1 1/2" NG Pipe	52.0 FT
Fixtures (P1)	12.0 EA
Fixtures (P1A)	4.0 EA
Fixtures (P3A)	2.0 EA
Fixtures (P3)	2.0 EA
Fixtures (P4)	8.0 EA
Fixtures (P4A)	5.0 EA
Fixtures (P8)	2.0 EA
Floor Drain (FD)	8.0 EA
Fixtures (P7)	1.0 EA
Fixtures (P2)	1.0 EA
Fixtures (P5)	2.0 EA
Fixtures (P6)	2.0 EA
Fixtures (P9)	1.0 EA
Fixtures (P2)	1.0 EA

LIGHT CITY CHRISTIAN ACADEMY
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SCHOOL & GYMNASIUM BUILDING
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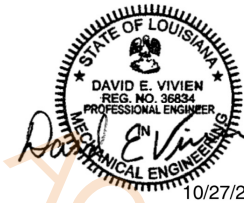
19068-E

TITLE:
PLUMBING RISERS

SHEET:
P4.00

1 SANITARY RISER - RESTROOM
P4.00 SCALE: NONE

2" Waste Pipe (3'-0")	19.0 EA
3" Waste Pipe (3'-0")	10.0 EA
4" Waste Pipe (3'-0")	16.0 EA
CO(Clean Out)	6.0 EA



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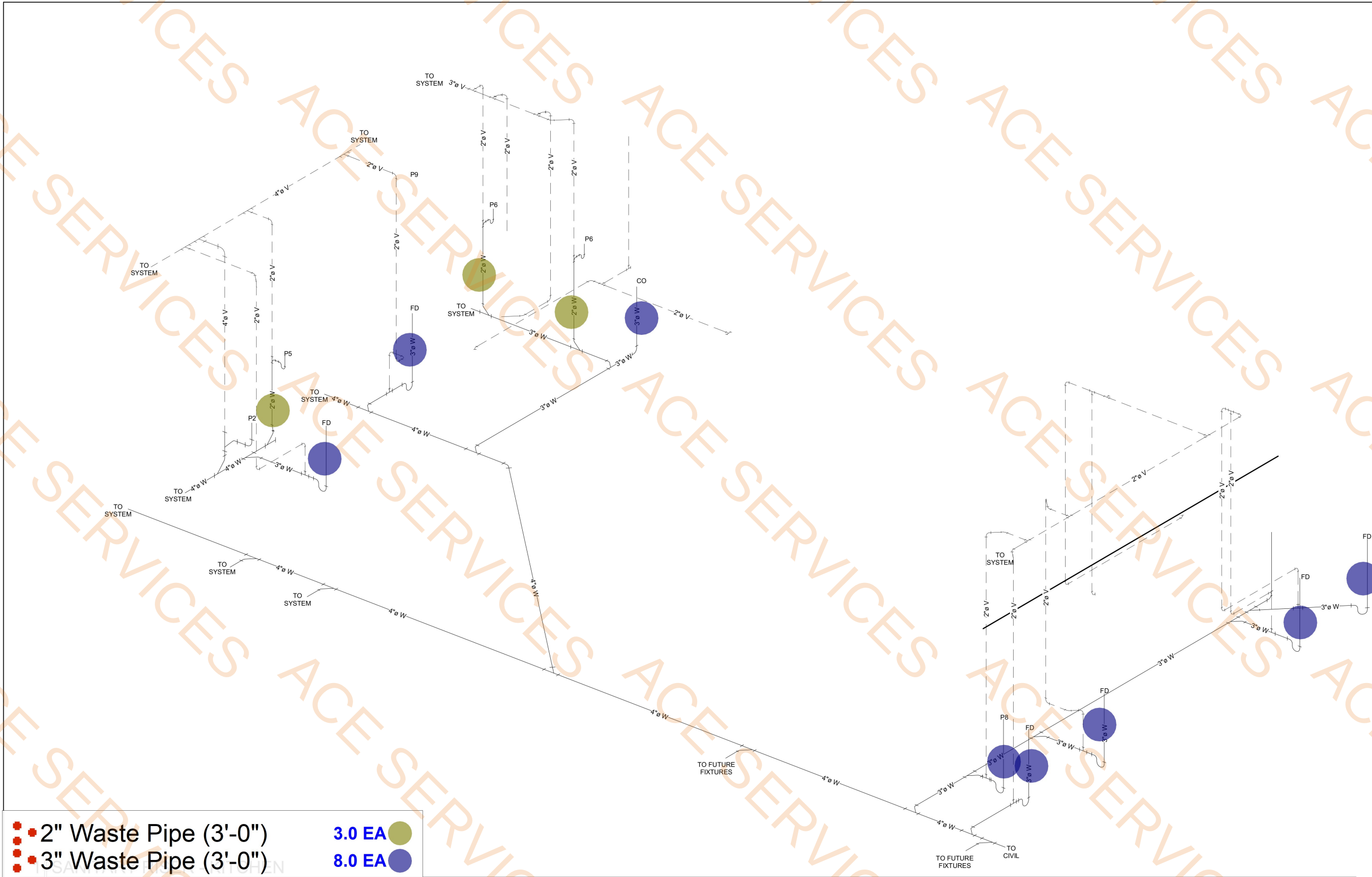
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TITLE:
PLUMBING RISERS

SHEET:
P4.01

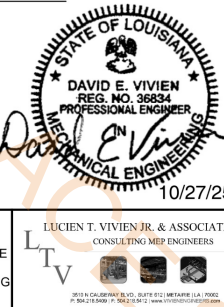


- 2" Waste Pipe (3'-0") 3.0 EA
- 3" Waste Pipe (3'-0") 8.0 EA

P4.01 SCALE: NONE

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TITLE:
PLUMBING RISERS

SHEET:
P4.02

- 3" GW Pipe(3'-0") 10.0 EA
- 2" GW Pipe(3'-0") 5.0 EA
- 4" GW Pipe (3'-0") 2.0 EA

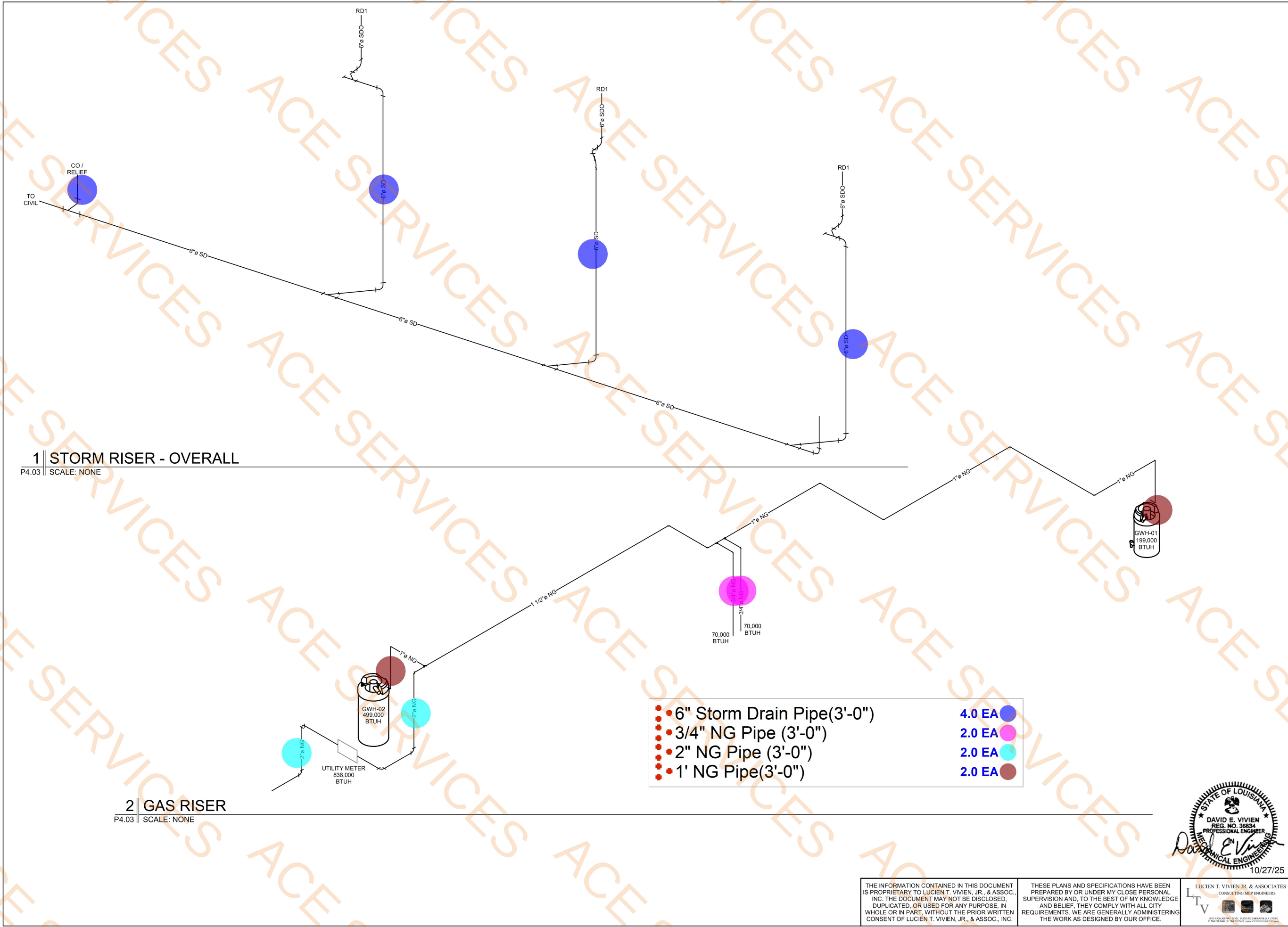
1 | SANITARY GREASE RISER - KITCHEN
P4.02 | SCALE: NONE

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1 || STORM RISER - OVERALL
P4.03 || SCALE: NONE

2 || GAS RISER
P4.03 || SCALE: NONE

- 6" Storm Drain Pipe(3'-0") 4.0 EA
- 3/4" NG Pipe (3'-0") 2.0 EA
- 2" NG Pipe (3'-0") 2.0 EA
- 1" NG Pipe(3'-0") 2.0 EA

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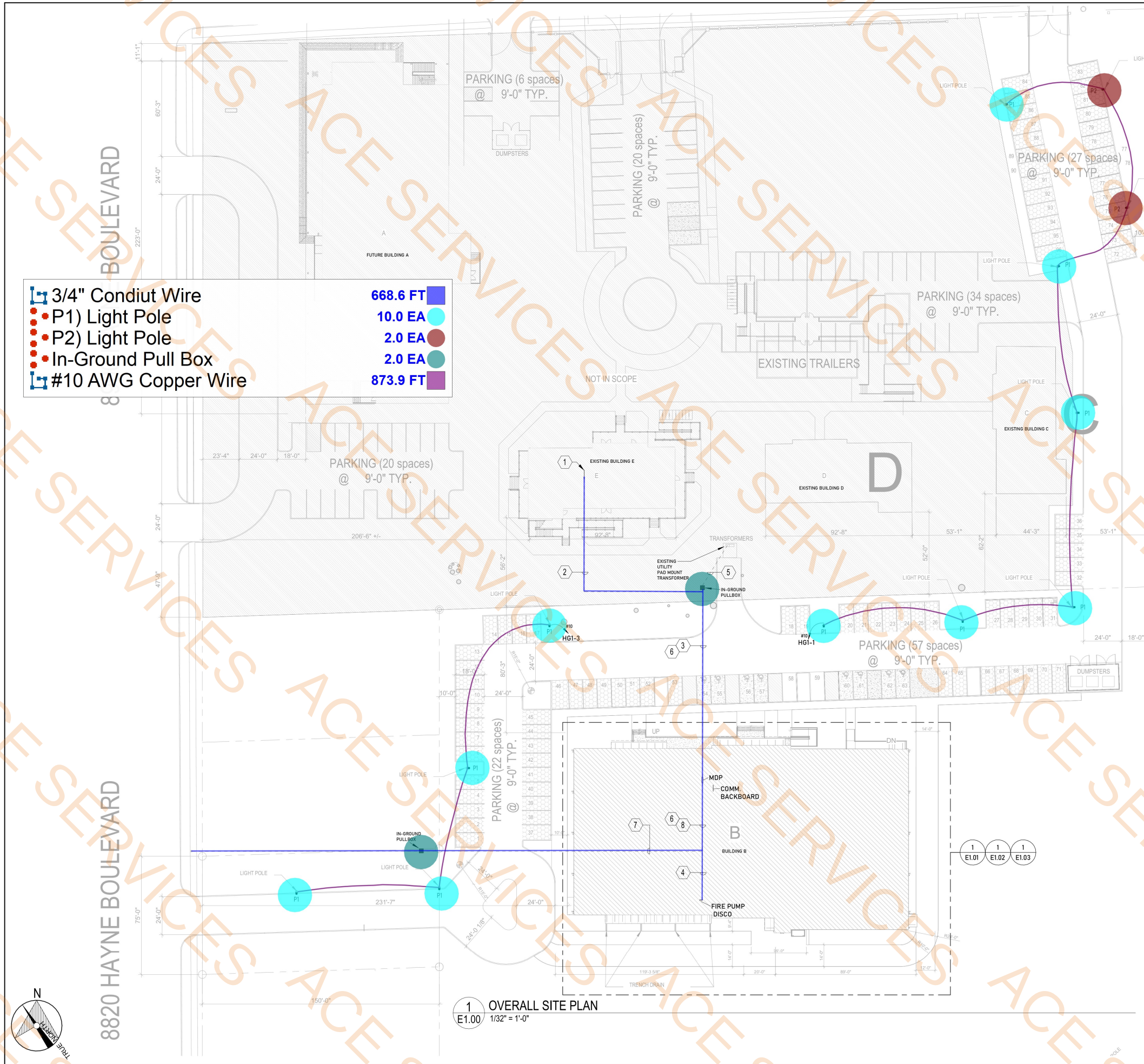
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19068-E

TITLE: PLUMBING RISERS

SHEET: P4.03



GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL CONDUCTORS FOR POLE LIGHTS SHALL BE #10 AWG COPPER.

ELECTRICAL KEY NOTES

- APPROXIMATE LOCATION OF EXISTING MAIN BACKBOARD.
- APPROXIMATE ROUTING OF LOW-VOLTAGE CONDUITS FROM BUILDING B SHOWN; STUB UP INTO BUILDING E. SEE RISER FOR MORE INFORMATION.
- APPROXIMATE ROUTING OF LOW-VOLTAGE CONDUITS FROM BUILDING B SHOWN; STUB UP INTO BUILDING E ALONG WITH CONDUITS FOR MDP FEEDERS AND FIRE PUMP DISCONNECT FEEDERS. SEE RISER FOR MORE INFORMATION.
- APPROXIMATE ROUTING OF FIRE PUMP DISCONNECT CONDUIT SHOWN. SEE RISER FOR MORE INFORMATION.
- EXISTING CONDUITS ROUTED TOWARD BUILDING B. SEE RISER FOR MORE INFORMATION.
- POWER AND LOW-VOLTAGE CONDUITS MAY BE INSTALLED IN THE SAME TRENCH, PROVIDED EACH SYSTEM IS IN A SEPARATE RACEWAY. MAINTAIN MINIMUM SEPARATION PER NEC 300.3(C) AND 800.133.
- APPROXIMATE ROUTING OF LOW-VOLTAGE CONDUITS FROM UTILITY COMMUNICATION (DATA) POLE SHOWN; STUB UP INTO COMMUNICATION BACKBOARD IN BUILDING B. SEE RISER FOR MORE INFORMATION.
- APPROXIMATE ROUTING OF LOW-VOLTAGE CONDUITS FROM UTILITY COMMUNICATION (DATA) POLE SHOWN; STUB UP INTO COMMUNICATION BACKBOARD IN BUILDING B ALONG WITH CONDUITS FOR FIRE PUMP DISCONNECT FEEDERS. SEE RISER FOR MORE INFORMATION.



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LIGHT CITY CHRISTIAN ACADEMY "BUILDING B" SCHOOL & GYMNASIUM BUILDING

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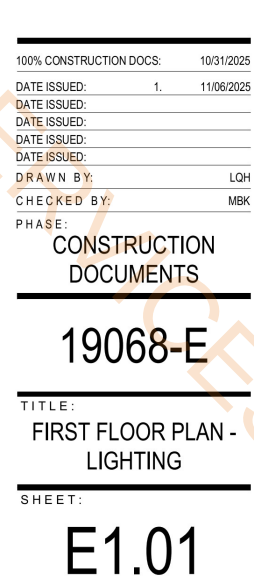
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SITE PLAN

SHEET:

E1.00





LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING

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CONSTRUCTION
DOCUMENTS

19068-E

TITLE:
FIRST FLOOR PLAN -
POWER

SHEET:

E1.02

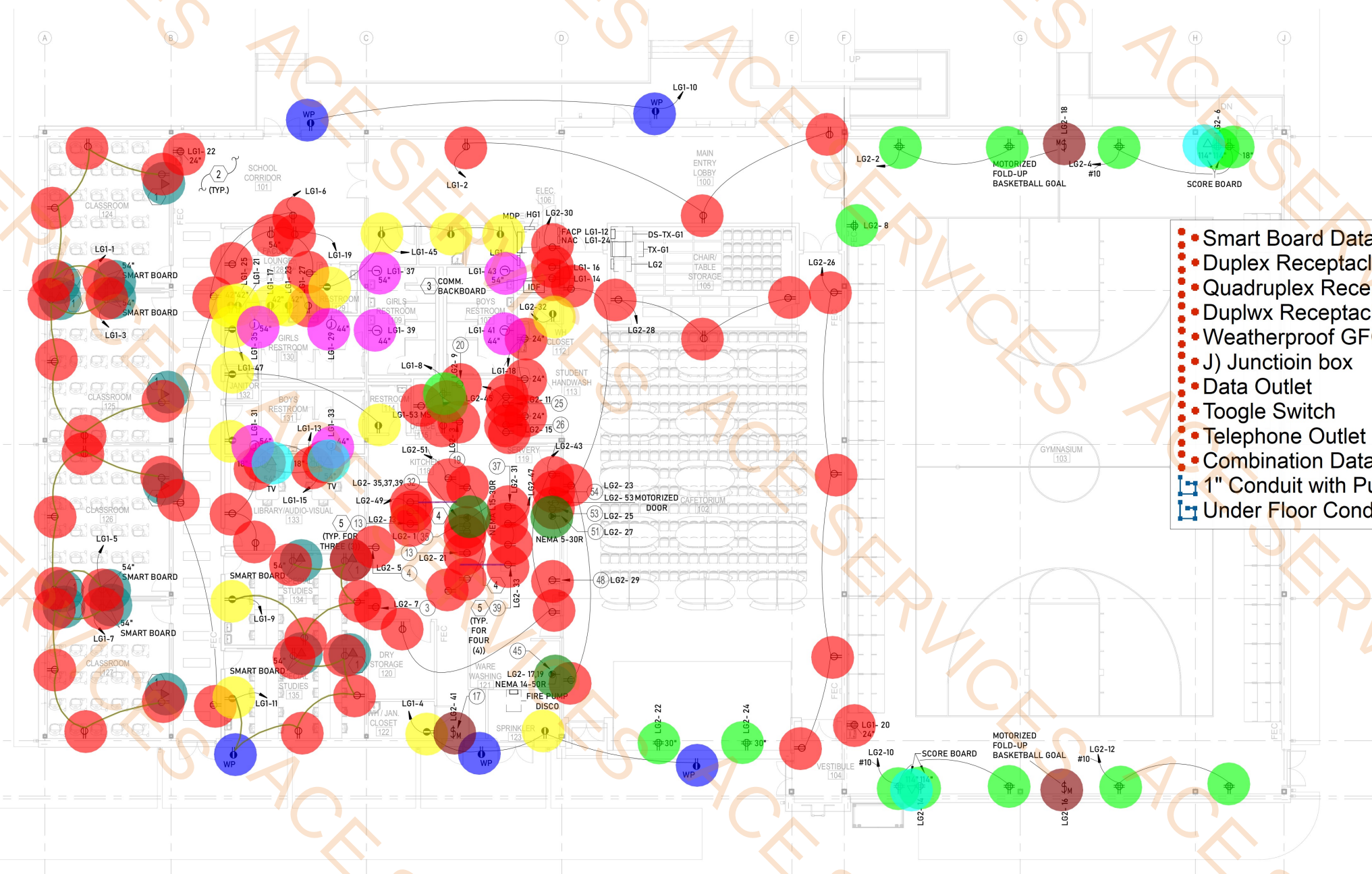
GENERAL NOTES

1. ALL RECEPTACLES SHALL BE TAMPER-RESISTANCE.
2. ALL CONDUIT ROUTED OVERHEAD IN THE GYMNASIUM SHALL BE SECURED TO THE BOTTOM OF THE TOP CHORD OF BAR JOISTS USING APPROVED CADDY CLIPS OR EQUIVALENT. CONDUIT SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO STRUCTURAL STEEL MEMBERS.

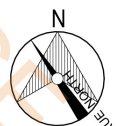
ELECTRICAL LEGEND -
FOOD SERVICE AREA

Smart Board Data Outlet	16.0 EA
Duplex Receptacle 20A, 120V	94.0 EA
Quadruplex Receptacle	14.0 EA
Duplwx Receptacle with interpreter	17.0 EA
Weatherproof GFCI Receptacle	5.0 EA
J) Junction box	8.0 EA
Data Outlet	4.0 EA
Toogle Switch	3.0 EA
Telephone Outlet	3.0 EA
Combination Data/Telephone Outlet	1.0 EA
1" Conduit with Pull String	276.9 FT
Under Floor Conduit	14.0 FT

5 ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR PROPER INSTALLATION AND ALIGNMENT OF RECEPTACLES ON THE STAINLESS STEEL WORK TABLE WITH OVERSHELF. ALL PENETRATIONS THROUGH METAL OR WOOD SURFACES SHALL BE FIELD-VERIFIED TO MAINTAIN EQUIPMENT INTEGRITY, SANITARY REQUIREMENTS, AND ARCHITECTURAL ALIGNMENT. DEVICE LOCATIONS SHALL BE CONFIRMED PRIOR TO FABRICATION OR INSTALLATION.



1 FIRST FLOOR PLAN - POWER
E1.02 3/32" = 1'-0"



LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING

8820 HAYNE BLVD

GENERAL NOTES

- VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT, CONDUIT SUB-UPS AND POWER CONNECTIONS PRIOR TO ROUGH-IN.
- PROVIDE DUCT SMOKE DETECTORS AT ROOF TOP UNITS OVER 2000 CFM. ROUTE UNIT CONTROL CIRCUIT THROUGH DETECTOR AUXILIARY CONTACTS AND COMPLETE FINAL CONNECTIONS.
- DISCONNECTS ARE SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION OF DISCONNECTS SHALL BE COORDINATED AND VERIFIED WITH EQUIPMENT MANUFACTURER AND FINAL ORIENTATION OF EQUIPMENT ONCE PLACED ON ROOF.
- INSTALL ALL GFCI-WP RECEPTACLES ON UNISTRUT RACKS. COORDINATE WITH ROOFING CONTRACTOR FOR ATTACHMENT REQUIREMENTS AND DETAILS.
- ALL BRANCH CIRCUIT WIRING FOR ROOF MOUNTED EQUIPMENT AND ASSOCIATED MAINTENANCE RECEPTACLES SHALL BE ROUTED IN CEILING SPACE BELOW ROOF. CONDUITS AND WIRING SHALL NOT BE INSTALLED AT, ON OR ABOVE ROOF.
- COORDINATE AND FURNISH CONDUIT AND WIRING FOR EXHAUST FANS, TOILET EXHAUST FANS, AND SUPPLY AIR FANS FROM TIME CLOCK AND OR STARTERS. FIELD COORDINATE CONTROL LOCATIONS WITH EQUIPMENT INSTALLING CONTRACTOR.
- ALL APPLICABLE MOTOR STARTERS SHALL BE INSTALLED IN ELECTRICAL ROOMS.

ELECTRICAL KEY NOTES

- VERIFY ROOF HOOD ELECTRICAL REQUIREMENTS WITH KITCHEN VENDOR PRIOR TO ROUGH-IN.
- INDOOR UNIT OF SPLIT-SYSTEM TO BE POWERED FROM OUTDOOR UNIT. PROVIDE INTERCONNECTING ELECTRICAL CONNECTION BETWEEN INDOOR AND OUTDOOR UNITS PER MANUFACTURER REQUIREMENTS. COORDINATE ALL ELECTRICAL REQUIREMENTS, FINAL UNIT LOCATIONS, AND CIRCUIT ROUTING WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- WHERE MANUFACTURER LISTING REQUIRES LOCAL OVERCURRENT PROTECTION, PROVIDE A FUSIBLE DISCONNECT WITH TIME-DELAY FUSES SIZED PER EQUIPMENT NAMEPLATE.

• Toogle Switch
• Weatherproof GFCI Receptacle

16.0 EA
5.0 EA

1 FIRST FLOOR PLAN - MECHANICAL POWER E1.03 3/32" = 1'-0"

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT MARK	VOLTAGE	PHASE	NEMA CONFIGURATION	FUSIBLE OR NON-FUSIBLE	DISCONNECT SIZE	MOCPS
RTU-01	480V	3φ	NEMA 3R	FUSIBLE	100A	70A
RTU-02	480V	3φ	NEMA 3R	FUSIBLE	200A	125A
RTU-03	480V	3φ	NEMA 3R	FUSIBLE	200A	125A
RTU-04	480V	3φ	NEMA 3R	FUSIBLE	200A	125A
RTU-05	480V	3φ	NEMA 3R	FUSIBLE	60A	45A

NOTE: CONTRACTOR SHALL REFER TO THE APPROPRIATE MECHANICAL EQUIPMENT CONDUCTOR SCHEDULE FOR CONDUIT AND CONDUCTOR SIZING. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MECHANICAL EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION.

EQUIPMENT 3φ, 3W COPPER CONDUCTOR SCHEDULE

MOCPS SIZE	BREAKER SIZE	CONDUITS NO.-SIZE	PHASE CONDUCTORS PER CONDUIT	GROUND CONDUCTORS PER CONDUIT
0-30A	30A	1-0.75"	3-#10 AWG	1-#10 CU AWG
35-60A	60A	1-1"	3-#6 AWG	1-#10 CU AWG
70-80A	80A	1-1.25"	3-#4 AWG	1-#8 CU AWG
90-100A	100A	1-1.25"	3-#3 AWG	1-#8 CU AWG
110-125A	125A	1-1.5"	3-#1 AWG	1-#6 CU AWG
150A	150A	1-2"	3-#1/0 AWG	1-#6 CU AWG
175A	175A	1-2"	3-#2/0 AWG	1-#6 CU AWG
200A	200A	1-2"	3-#3/0 AWG	1-#6 CU AWG

NOTES:

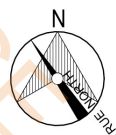
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIREMENTS FOR EQUIPMENT PRIOR TO INSTALLATION.
- FOR EQUIPMENT WITH MOCPS EXCEEDING 200A, SIZE PER FEEDER SCHEDULE.
- VERIFY WITH EQUIPMENT MANUFACTURER IF A NEUTRAL CONDUCTOR IS REQUIRED AND PROVIDE AS NEEDED.

EQUIPMENT 1φ, 2W COPPER CONDUCTOR SCHEDULE

MOCPS SIZE	BREAKER SIZE	CONDUITS NO.-SIZE	PHASE CONDUCTORS PER CONDUIT	GROUND CONDUCTORS PER CONDUIT
0-30A	30A	1-0.75"	2-#10 AWG	1-#10 CU AWG
35-60A	60A	1-1"	2-#6 AWG	1-#10 CU AWG
70-80A	80A	1-1.25"	2-#4 AWG	1-#8 CU AWG
90-100A	100A	1-1.25"	2-#3 AWG	1-#8 CU AWG
110-125A	125A	1-1.5"	2-#1 AWG	1-#6 CU AWG
150A	150A	1-2"	2-#1/0 AWG	1-#6 CU AWG
175A	175A	1-2"	2-#2/0 AWG	1-#6 CU AWG
200A	200A	1-2"	2-#3/0 AWG	1-#6 CU AWG

NOTES:

- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIREMENTS FOR EQUIPMENT PRIOR TO INSTALLATION.
- FOR EQUIPMENT WITH MOCPS EXCEEDING 200A, SIZE PER FEEDER SCHEDULE.
- VERIFY WITH EQUIPMENT MANUFACTURER IF A NEUTRAL CONDUCTOR IS REQUIRED AND PROVIDE AS NEEDED.



GENERAL NOTES:

- SMOKE DETECTORS TO BE LOCATED GREATER THAN 36" FROM AIR REGISTER AND CEILING FANS.
- PULL STATIONS TO BE INSTALLED 42" TO THE CENTER OF DEVICE.
- NO DEVICES SHALL BE MOUNTED ON CEILINGS HIGHER THAN 20'.
- WALL MOUNTED VISUALS SHALL BE MOUNTED AT 80" A.F.F.
- PROVIDE WIRE GUARDS FOR ALL DEVICES LOCATED IN GYMNASIUM AREA.

SPECIFIC NOTES:

- NETWORK FACP MUST BE CAPABLE OF EXPANSION VIA FIBER OPTIC BACKBONE.
- PULL STATION MUST BE SECURE WITH PLASTIC PROTECTIVE COVER, FINAL LOCATION BY POR.
- ADDRESSABLE DUCT DETECTOR ON SUPPLY AND RETURN SIDE ON RTU'S GREATER THAN 2000CFM.
- MONITOR MODULE FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM.
- PROTECTIVE COVER FOR SPEAKER STROBES.
- SPEAKER STROBE TO BE MOUNTED AT 80" ABOVE THE BLEACHER.

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
8820 HAYNE BLVD
NEW ORLEANS, LA 70127

100% CONSTRUCTION DOCS: 10/31/2025

DATA ISSUED: 1. 11/06/2025

DATA ISSUED:

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DRAWN BY: LQH

CHECKED BY: MBK

PHASE:

CONSTRUCTION

DOCUMENTS

19068-E

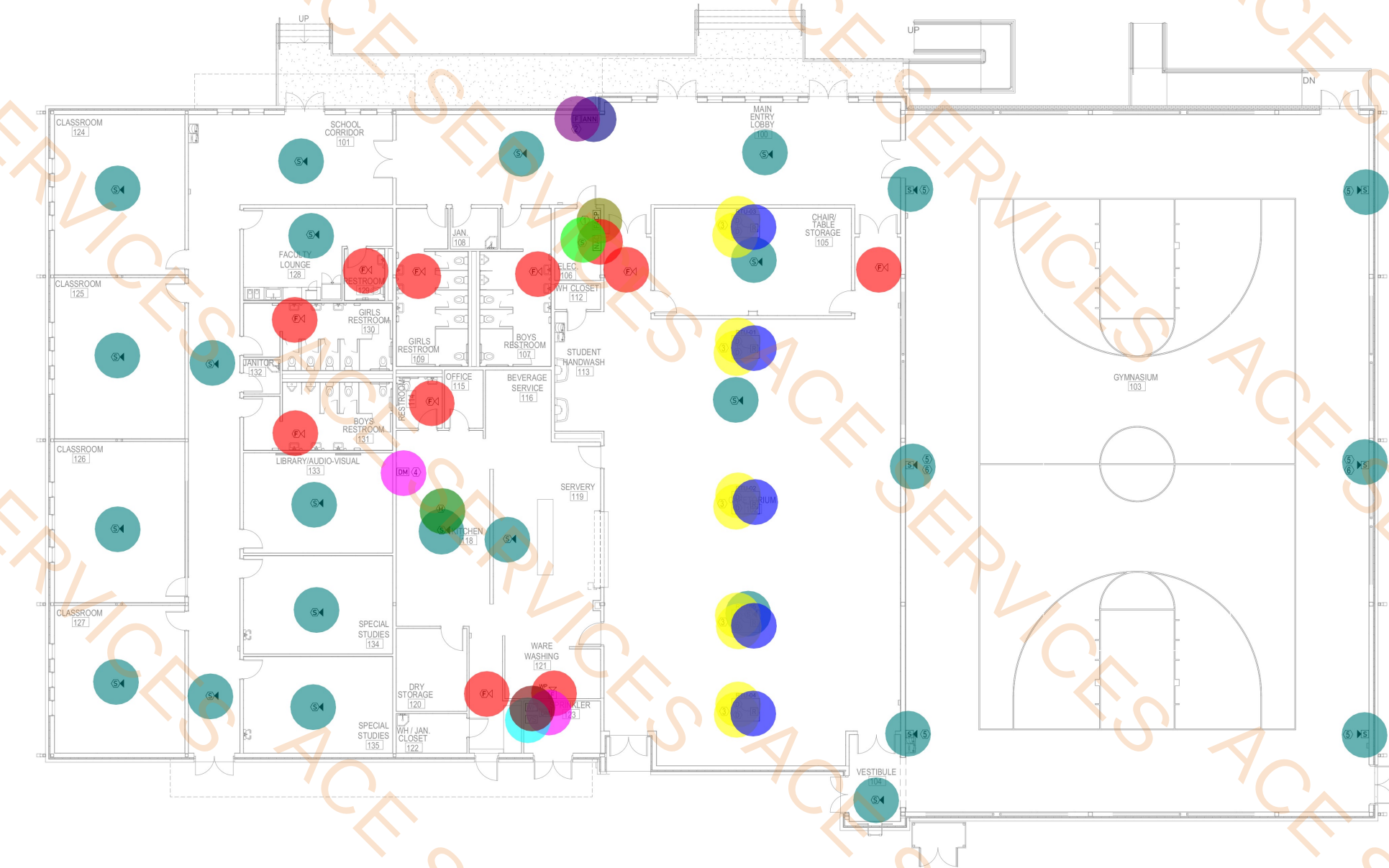
TITLE:

FIRE ALARM

PLANS

SHEET:

SS1.00



1 FIRST FLOOR PLAN - FIRE ALARM PLANS
SS1.00 3/32" = 1'-0"

- S) Wall Box Speaker Strobe (Provide Protective Cover) 25.0 EA
- F) Wall Mounted Strobe 10.0 EA
- D) Duct Smoke Detector 10.0 EA
- R) Addressable Relay Module 5.0 EA
- DM) Addressable Dual Monitor Module 2.0 EA
- VS) Tamper Switch 1.0 EA
- WF) Water Flow Switch 1.0 EA
- H) Heat Detector 1.0 EA
- FACP) Fire Alarm Control Panel 1.0 EA
- ANN) Remote Annunciator Panel 1.0 EA
- F) Pull station 1.0 EA
- S) Speaker Wall Mounted 0.0 EA
- NAC) Notification Circuit Power Booster Panel 1.0 EA
- S) Smoke Detector 1.0 EA

GENERAL NOTES:

A. PROVIDE WIRE GUARDS FOR ALL DEVICES LOCATED IN GYMNASIUM AREA.

SPECIFIC NOTES:

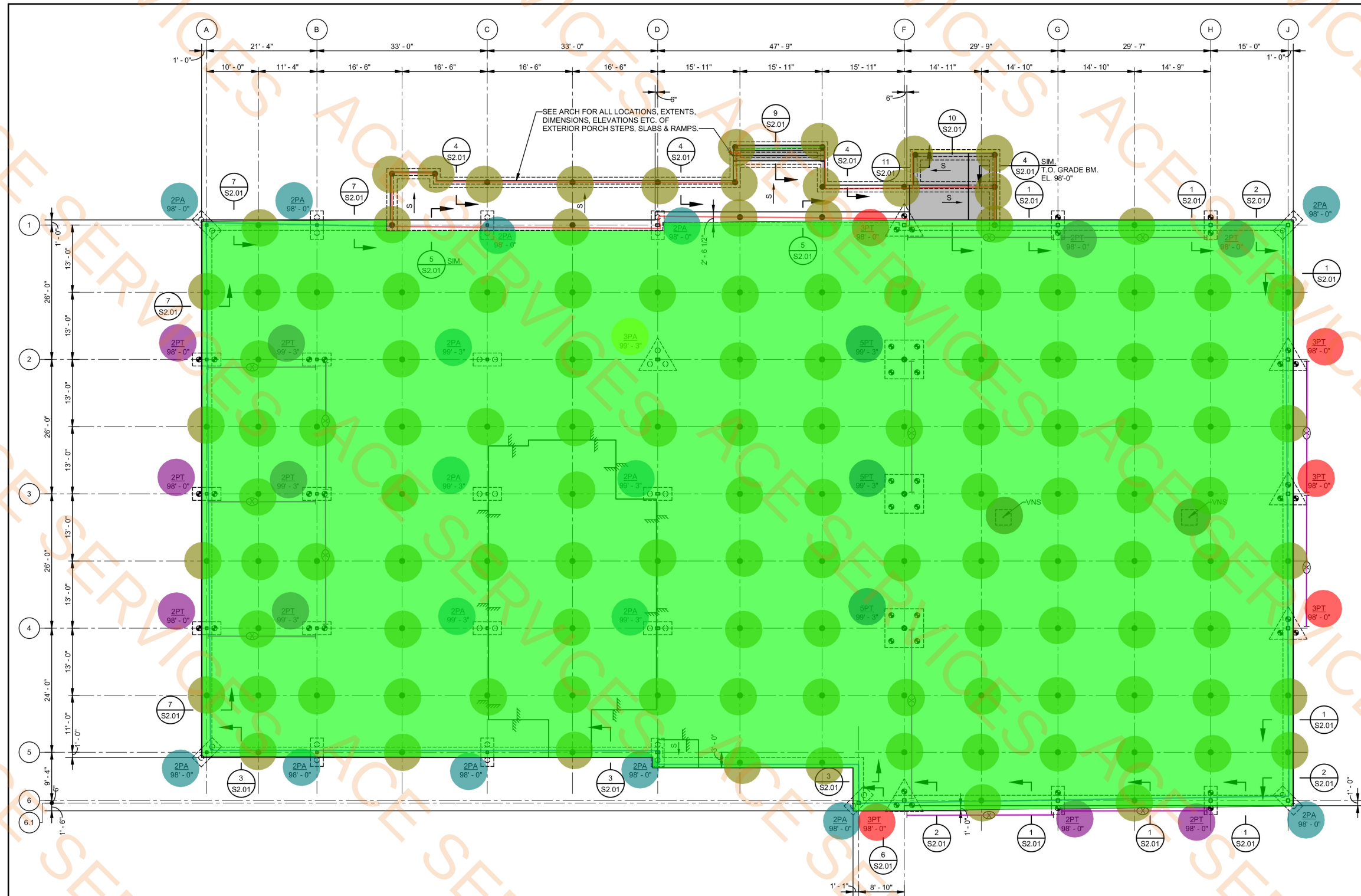
① INTERCOM MASTER STATION FINAL LOCATION TO BE DETERMINE BY POR.



1 FIRST FLOOR PLAN - INTERCOM PLANS
SS2.00 3/32" = 1'-0"

■ S) Speaker Wall Mounted
■ I) Intercom Call Station

34.0 EA
7.0 EA



PLAN NOTES: UNLESS NOTED OTHERWISE:

1. TOP OF SLAB EL. 100'-0". SEE CIVIL FOR ACTUAL DATUM.
2. 6 1/2" TWO WAY CONCRETE SLAB THROUGHOUT. REINFORCE W/ #5@12" TOP EACH WAY AND #4@12" BOT. EACH WAY. PLACE EAST-WEST BARS IN OUTER LAYERS, AND NORTH-SOUTH BARS INNER LAYERS. PROVIDE ADDITIONAL 2#5 x 8'-0" TOP IN THE EAST-WEST DIRECTION OVER ALL INTERIOR SINGLE PILES AND PILE CAPS.
3. ● - INDICATES SINGLE PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
4. EP-1 - INDICATES LOCATION OF EXPLORATORY PILE NO. 1.
5. □ - INDICATES 4 PILE CAP. TOP OF CAP AT EL. 98'-0". SEE DETAILS FOR SIZE AND REINFORCING.

- Grade Beam (2'-0" Wide and 1'-6"D) (4#4 Top And 4 #3 Bottom) (4/S2.01)
- 4' Wide and 1.5 ft Deep Footing (Steel 5/S2.01)
- 6' wide and 1.5' Deep Footing (steel Ref 5/S2.01)
- 2'Wide and 2' Depth (Steel (1/S2.01) Cont Footing
- Lateral Bracing
- 1'-2" Depth and 3' Wide Post footing Reinforce (#5 (5)) E.W
- Single Pile
- 5PT
- 2PT
- 2PA
- 3PT
- 3PA
- 6 1/2" Thick Slab

- 270.3 FT
- 17.3 FT
- 16.0 FT
- 524.0 FT
- 333.4 FT
- 2.0 EA
- 120.0 EA
- 3.0 EA
- 10.0 EA
- 16.0 EA
- 5.0 EA
- 1.0 EA
- 22727.5 SQ FT



LIGHT CITY CHRISTIAN ACADEMY
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SCHOOL & GYMNASIUM BUILDING

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8820 HAYNE BLVD

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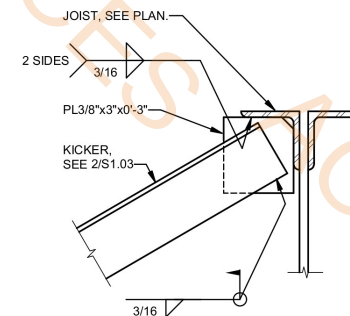
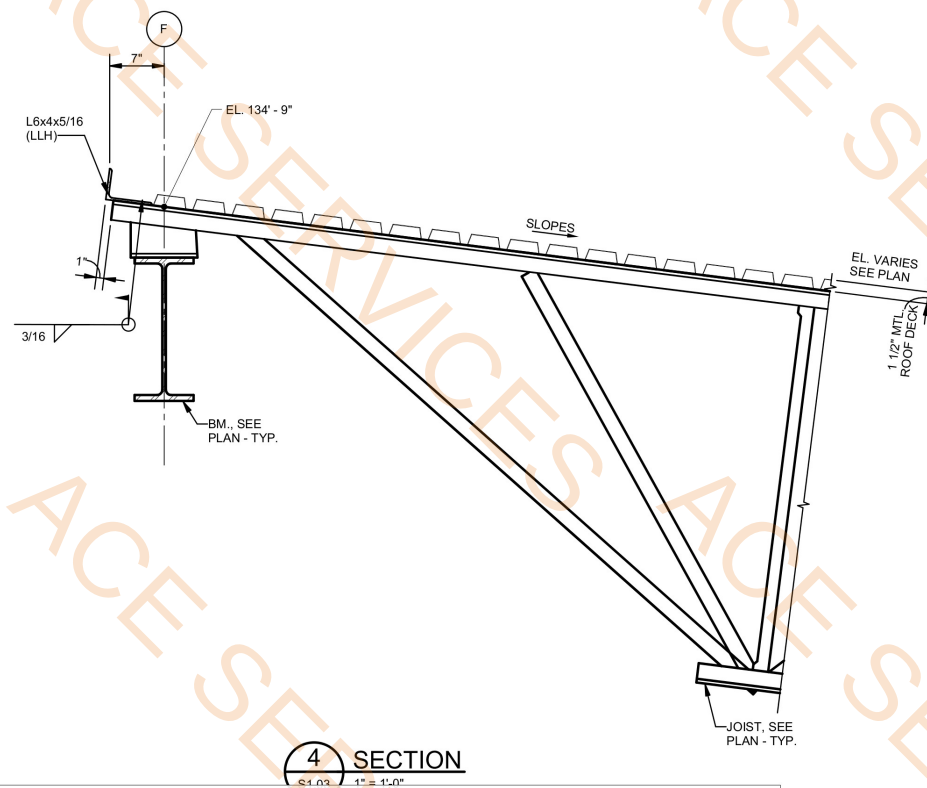
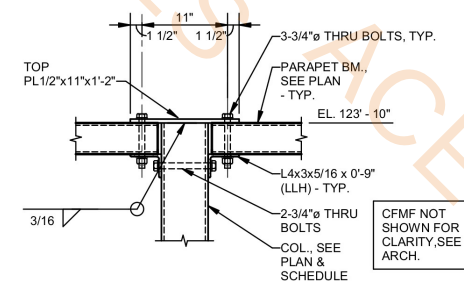
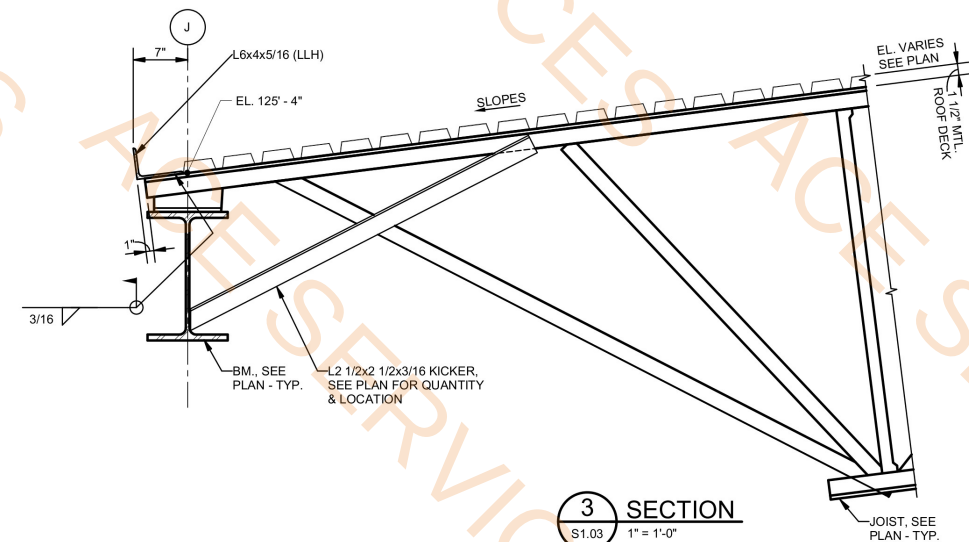
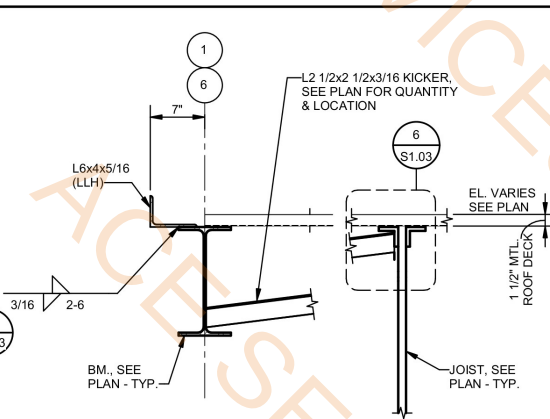
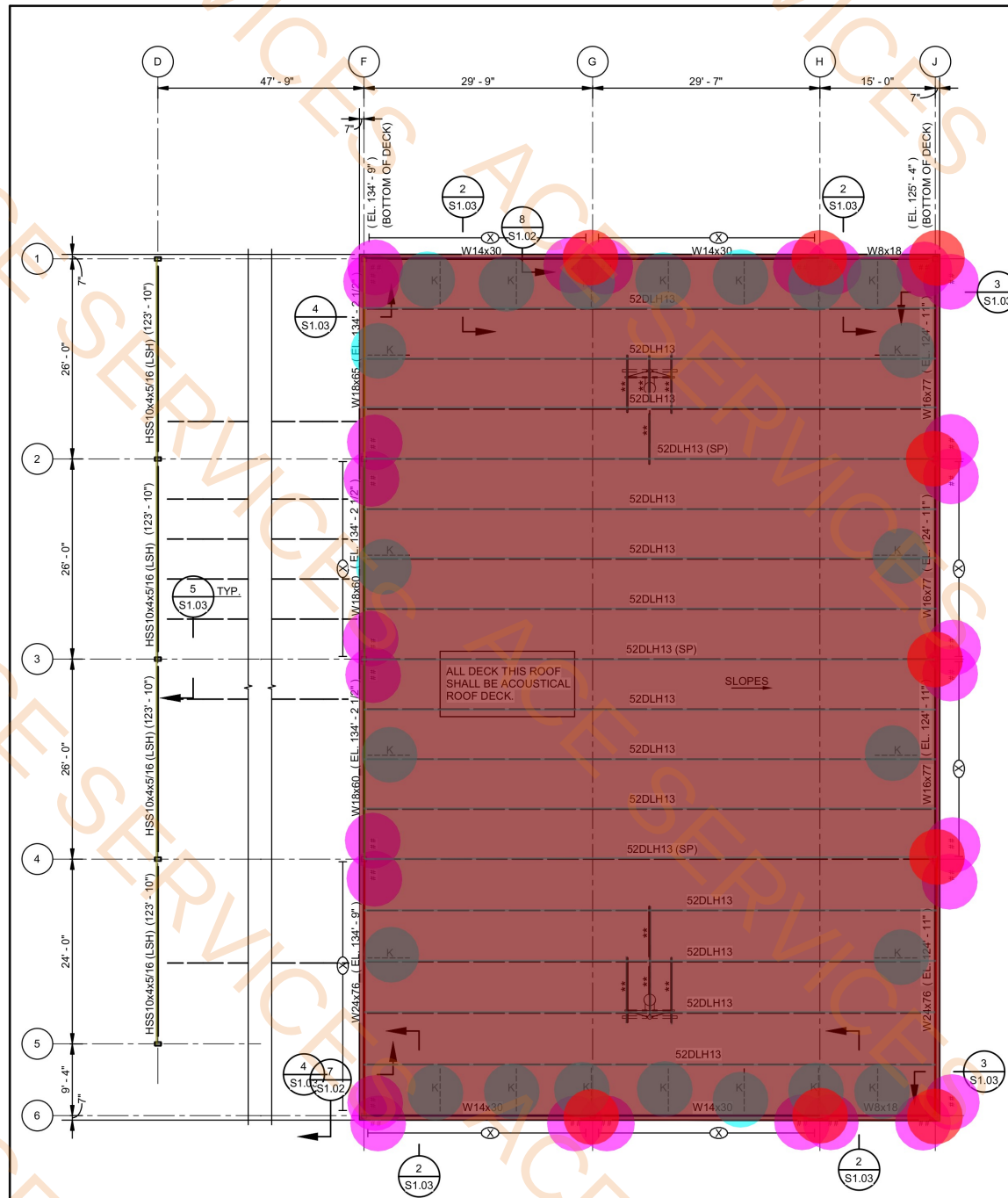
CONSTRUCTION DOCUMENTS

19068-E

TITLE:
FOUNDATION & FIRST FLOOR FRAMING PLAN

SHEET:

S1.01



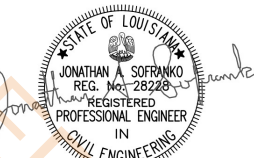
- Beam Flange Plate (9/S0.05)
- L 21/2x 2 1/2x 3/16 Kicker (8')
- HSS 4x4x1/4 Beam (3/S0.05)
- W8x18 Beam
- W14x30 Beam
- W24x76 Beam
- W18x60 Beam
- W18x65 Beam
- W16x77 Beam
- 52DLH13 Web Steel Joist
- Accoustical Galvanized Metal Roof Deck 1.5BA20 By Vulcraft
- HSS 10x4x5/16
- HSS8x8x5/8 (32'-0" HT)

- 28.0 EA
- 22.0 EA
- 59.9 FT
- 30.9 FT
- 118.9 FT
- 67.0 FT
- 52.0 FT
- 26.1 FT
- 77.8 FT
- 1191.4 FT
- 8500.2 SQ FT
- 102.3 FT
- 9.0 EA

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11-5-25

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING

NEW ORLEANS, LA 70127

8820 HAYNE BLVD

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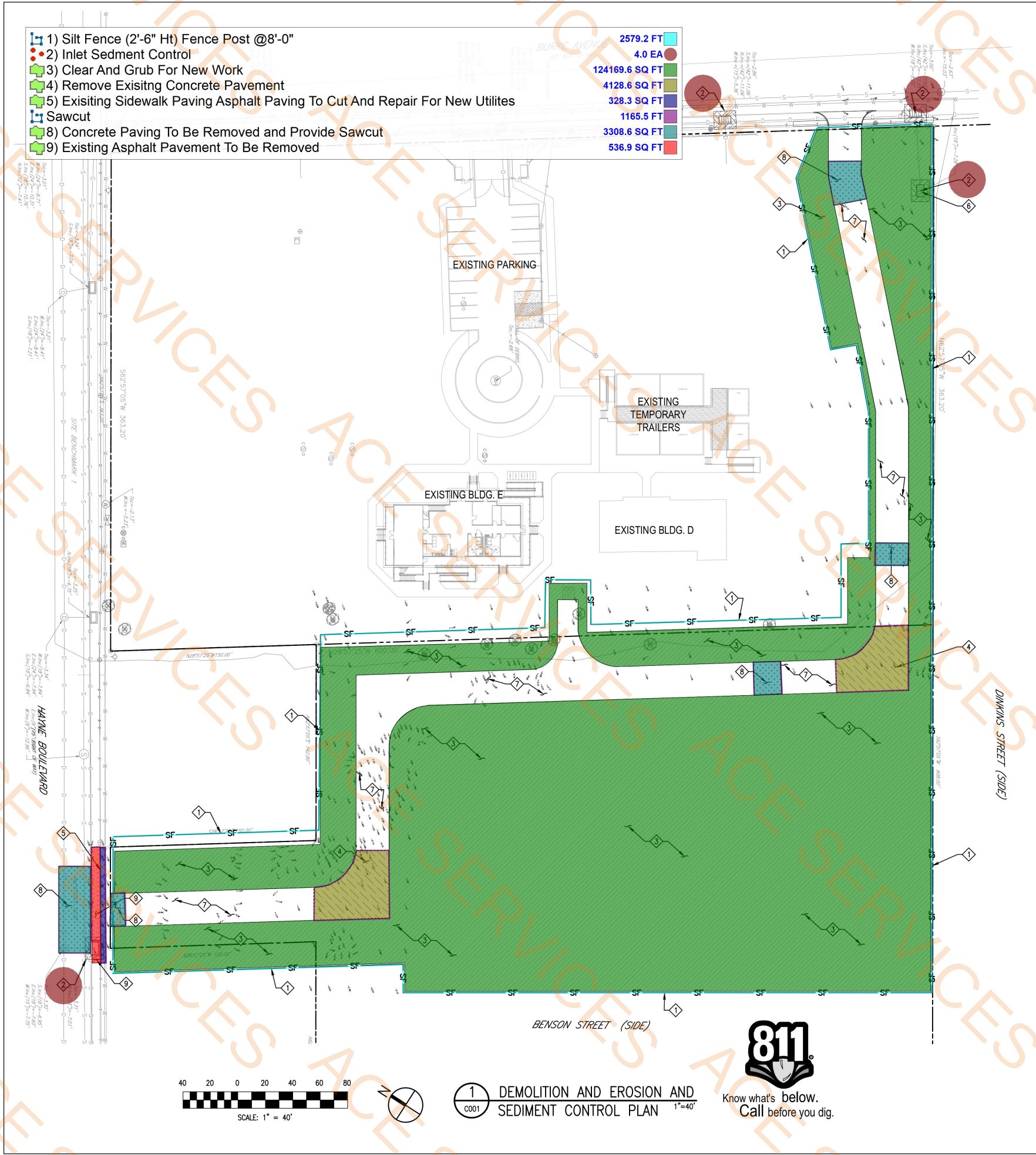
19068-E

TITLE:
HIGH ROOF FRAMING PLAN

SHEET:

S1.03





- DEMOLITION NOTES:**
1. SEE 1/C002 FOR EROSION AND SEDIMENT CONTROL (ESC) NOTES.
 2. CASTING OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK SHALL BE FIELD ADJUSTED, CASTING TO BE FLUSHED WITH NEW PAVING OR FINISHED GRADE.
 3. SIDEWALK AND PAVING TO BE REMOVED IN THE RIGHT-OF-WAY SHALL BE SCHEDULED AND COORDINATED WITH NEW PAVING. THIS WILL MINIMIZE ANY CONSTRUCTION INCONVENIENCE TO PEDESTRIAN AND VEHICULAR TRAFFIC.
 4. ALL DEMOLISHED, REMOVED MATERIAL AND DEBRIS SHALL BE HAULED OFF THE SITE AND DISPOSED OF IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL LAWS, REQUIREMENTS AND ORDINANCES.
 5. UPON COMPLETION OF PROJECT, SITE CONTRACTOR SHALL CLEAN ALL PERIMETER CATCH BASINS AND DRAIN INLETS AND CONNECTING DRAIN LINES TO MAINTAIN POSITIVE DRAINAGE FLOW AND RESTORE SERVICES.
 6. PROVIDE SEDIMENT CONTROL AT ALL DRAINAGE AND UTILITY STRUCTURES TO PREVENT SEDIMENT/DEBRIS FROM ENTERING INTO UNDERGROUND STRUCTURES. SEDIMENT CONTROL SHALL REMAIN IN SERVICE AND BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION - TYP.
 7. INSPECT ROADWAY ADJACENT TO THE SITE DAILY. SWEEP OR VACUUM TO REMOVE VISIBLE ACCUMULATED SEDIMENT. REMOVE ALL SEDIMENT DEPOSITED ON ROADWAY WITHIN 24 HOURS.
 8. CONTRACTOR SHALL PROVIDE STABILIZED STONE CONSTRUCTION ENTRANCE/EXIT TO PREVENT SEDIMENT/ DEBRIS MIGRATING INTO PUBLIC RIGHT-OF-WAY. COORDINATE CONSTRUCTION ENTRANCE LOCATION WITH OWNER/ARCH.

- DEMOLITION, EROSION AND SEDIMENT CONTROL PLAN KEY NOTES:**
1. SEDIMENT (SILT) FENCE. PROVIDE REMOVABLE SECTION(S) FOR ACCESS TO SITE (TO BE DETERMINED BY CONTRACTOR.) - TYP., SEE 2/C002 AND 3/C002.
 2. PROVIDE SEDIMENT CONTROL AT EXISTING DRAIN INLETS. SEDIMENT PROTECTION TO REMAIN IN PLACE AND BE MAINTAINED THROUGHOUT CONSTRUCTION - TYP., SEE 4/C002.
 3. CLEAR AND GRUB EXISTING AREA FOR NEW WORK IN ACCORDANCE WITH SITE PREPARATION AND SUBGRADE PREPARATION RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL ENGINEERING REPORT FOR THIS PROJECT.
 4. DEMOLISH AND REMOVE EXIST. CONCRETE PAVEMENT FOR INSTALLATION OF NEW PAVING. SAW-CUT FOR STRAIGHT EDGE. COORDINATE WITH NEW SITE WORK.
 5. EXISTING SIDEWALK PAVING AND ASPHALT PAVING TO BE DEMOLISHED, REMOVED AND REPLACED FOR INSTALLATION OF NEW DRAIN LINE. SAWCUT PAVING TO MAINTAIN STRAIGHT EDGE. SIDEWALK PAVING SHALL BE DEMOLISHED AND REPLACED TO NEAREST JOINT - TYP.
 6. TOP OF CAST ELEVATION OF EXIST. DRAIN INLET SHALL BE FIELD ADJUSTED. SEE GRADING PLAN.
 7. EXISTING CONCRETE PAVEMENT.
 8. STREET CUT OR PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES. EXISTING CONCRETE PAVING SHALL BE REMOVED AND REPLACED JOINT-TO-JOINT. SAW CUT PAVEMENT TO MAINTAIN STRAIGHT EDGE. EXTENTS SHOWN HEREON ARE FOR REFERENCE PURPOSES ONLY, V.I.F.
 9. EXISTING ASPHALT PAVEMENT TO BE REMOVED AND REPLACED FOR INSTALLATION OF NEW UTILITIES. SAW CUT PAVEMENT TO MAINTAIN STRAIGHT EDGE, SEE 3/C002.

DEMOLITION, EROSION AND SEDIMENT CONTROL PLAN LEGEND

SF	SEDIMENT (SILT) FENCE TO BE PROVIDED TO PREVENT THE RELEASE OF SEDIMENT FROM THE SITE. PROVIDE REMOVABLE SECTION(S) FOR ACCESS TO SITE (TO BE DETERMINED BY CONTRACTOR.) SEE 2/C002 AND 3/C002
	CATCH BASIN/DRAIN INLET SEDIMENT CONTROL - TYP., SEE 4/C002
	DEMOLISH AND REMOVE EXIST. CONCRETE PAVEMENT FOR INSTALLATION OF NEW TURNABOUT. SAW-CUT FOR STRAIGHT EDGE.
	EXISTING CONCRETE PAVEMENT AND CURB CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES, SEE C102 AND C103
	EXISTING CONCRETE SIDEWALK PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES,
	EXISTING ASPHALT PAVEMENT TO BE DEMOLISHED, REMOVED AND REPLACED FOR INSTALLATION OF NEW UTILITIES.

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THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM GENERALLY ADMINISTERING THE WORK.

ENGINEER
REG. NO. _____

10-31-2025

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
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CONSTRUCTION DOCUMENTS

19068-E

TITLE:
DEMO. AND EROSION AND SEDIMENT CONTROL PLAN

SHEET:
C001

MORPHY MAKOFSKY INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 25051

- 1) Portland Cement Medium Duty Concrete Pavement 6" Thk (2/C200) (4000 PSI 6x6-D8x8 WWF))
2) 6" THk New Previous Concrete Paving W/ Perforated Drainage System And Vertical Curb (5/C201)
3) New Sidewalk Paving (3/C200)
4) Portland Cement Super-Duty Concrete Driveway Apron Pavement 10" THk(2/C200)
5) Tie-in Sidewalk
6) 6" Vertical Curb Doweled (4/C201)
7) Depressed Curb
8) Portland cement Heavy Duty Concrete Driveway Pavemnt 8" THK (2/200)
9) Tie-In New Driveway Concret Paving (6/C200)
10) Street Cut
11) Remove Existing Concrete
12) New Fire Hydrant
13) 8" Thick Asphalt Pavement
14) SawCut
15) New Detectable Warning Surface (5/C202)
16) ADA Curb Ramp w Detectable Warning Surface
17) 6" Concrete Pavement (Flume)
18) L Control Joint
19) Provide (2) #4 Diagonal Bar
20) EJ2) Doweled Expansion Joint (5/C200)
21) LJ) Keyed Tied Longitudinal Joint (5/C200)
22) (Transverse Control Joint (L18') for Tag 1 Concrete
23) Diagonal Bar

3456.3 SQ FT	135.8 FT	2795.9 FT	158.3 FT	10198.7 SQ FT	123.1 FT	278.5 FT	3162.5 SQ FT	0.0 EA	612.4 SQ FT	89.5 FT	150.2 FT	27.7 SQ FT	57.7 SQ FT	74.0 EA	199.3 FT	133.7 FT	204.4 FT	12.0 EA	33.7 FT
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PARKING (34 spaces)
@ 9'-0" TYP.

PARKING (20 spaces)
@ 9'-0" TYP.



1 SITE AND PAVING PLAN
C100
1"=40'

PAVING PLAN LEGEND

PORTLAND CEMENT MEDIUM-DUTY CONCRETE PAVEMENT - 6" THK. SEE 2/C200	NEW PERVIOUS CONCRETE PAVING WITH PERFORATED DRAINAGE SYSTEM. SEE 5/C201
PORTLAND CEMENT HEAVY-DUTY CONCRETE PAVEMENT - 8" THK. SEE 2/C200	EXISTING CONCRETE PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES. SEE C102 AND C103
PORTLAND CEMENT SUPER-DUTY CONCRETE PAVEMENT - 10" THK. SEE 2/C200	EXISTING ASPHALT PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES. SEE C102 AND C103
PORTLAND CEMENT CONCRETE SIDEWALK ZONE - 4" THK., SEE 3/C200	

JOINTING LEGEND

EJ1	PROVIDE 1/2" PREFORMED, NON-EXTRUDING TYPE EXPANSION JOINT FILLER MATERIAL WITH JOINT SEALANT ON TOP (W/WIDTH/DEPTH EQUAL) AT THE INTERFACE OF STRUCTURAL PAVING/BUILDING AND SITE PAVING - TYP.
EJ2	DOWELED EXPANSION JOINT (EJ2) - SEE 5/C200
EJ3	1/2" SIDEWALK EXPANSION JOINT SEE 2/C200 - TYP. PROVIDE TOOLED JOINT FOR SIDEWALK PAVING. SPACING SHALL NOT TO EXCEED 5'
LJ	KEYED TIED LONGITUDINAL JOINT (LJ) - SEE 5/C200
TCJ	TRANSVERSE CONTROL (SAW-CUT) JOINT (TCJ) - SEE 5/C200 SPACING SHALL NOT EXCEED 12'

SITE PLAN KEY NOTES:

- PORTLAND CEMENT MEDIUM-DUTY CONCRETE PAVEMENT - 6" THK. SEE 2/C200
- NEW PERVIOUS CONCRETE PAVING WITH PERFORATED DRAINAGE SYSTEM AND VERTICAL CURB. SEE 5/C201.
- NEW SIDEWALK PAVING, SEE 3/C200.
- GRASSY AREA, SEE ARCH.
- PORTLAND CEMENT SUPER-DUTY CONCRETE DRIVEWAY APRON PAVEMENT - 10" THK., SEE 2/200.
- SECTION OF DRIVEWAY IN LINE WITH SIDEWALK PAVING SHALL HAVE CROSS-SLOPE 2% MAX., RUNNING SLOPE 5% MAX. - TYP.
- TIE-IN NEW SIDEWALK CONCRETE PAVING INTO EXISTING - TYP., SEE 4/C200.
- NEW 6" VERTICAL CURB DOWELED INTO EXISTING CONCRETE PAVEMENT - TYP., SEE 4/C201.
- EXISTING DRAIN INLET BASIN.
- EXISTING CONCRETE DRIVEWAY PAVEMENT - TYP.
- PORTLAND CEMENT HEAVY-DUTY CONCRETE DRIVEWAY PAVEMENT - 8" THK., SEE 2/200.
- TIE-IN NEW DRIVEWAY CONCRETE PAVING INTO EXISTING - TYP., SEE 6/C200.
- STREET CUT OR PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES. EXISTING CONCRETE PAVING SHALL BE REMOVED AND REPLACED JOINT-TO-JOINT.
- NEW DRAIN MANHOLE, SEE C102.
- DEPRESSED CURB.
- NEW FIRE HYDRANT AND VALVE ASSEMBLY CONFORMING TO S&WB OF NEW ORLEANS REQUIREMENTS SEE C103.
- EXISTING ASPHALT PAVEMENT TO BE REMOVED AND REPLACED FOR INSTALLATION OF NEW UTILITIES. SAW CUT PAVEMENT TO MAINTAIN STRAIGHT EDGE, SEE 3/C202.
- NEW DETECTABLE WARNING SURFACE, SEE 5/C202.
- ADA CURB RAMP WITH DETECTABLE WARNING SURFACE.
- 6" CONCRETE PAVEMENT (FLUME) (MIN. 5' LENGTH) WITH CURB - TYP.
- CONTROL JOINT IN PERVIOUS CONCRETE PAVEMENT -TYP. SEE NOTES.
- PROVIDE 2-#4 DIAGONAL BARS AT EACH CORNER FOR DRAIN STRUCTURES IN P.C.C PAVEMENT - TYP.

SIDEWALK PAVING JOINTING NOTES:

- PROVIDE TOOLED JOINTS AT 5'-0" MAX INTERVAL.
- PROVIDE DOWELED EXPANSION JOINT (EJ3) AS SHOWN ON THE DRAWING.
- PROVIDE 1/2" PREFORMED, NON-EXTRUDING AND RESILIENT BITUMINOUS TYPE EXPANSION JOINT FILLER MATERIAL AT THE INTERFACE/BETWEEN NEW CONCRETE CURB AND SIDEWALK PAVING.
- JOINTING IN CURB SHALL MATCH PAVEMENT JOINTING. EXPANSION JOINT MATERIAL EXTENDING FULL DEPTH OF THE CURB. ALSO, PROVIDE JOINTS IN CURB AT RADII TO PREVENT CRACKING.

JOINTING IN PERVIOUS CONCRETE PAVING:

- PROVIDE CONTROL JOINTS @ 10' MAX. SPACING. CONTROL JOINTS IN PERVIOUS CONCRETE SHALL BE PLACED SOON AFTER CONSOLIDATION, WITH A ROLLING JOINT TOOL (JOINT ROLLER), COMMONLY REFERRED TO AS A "PIZZA CUTTER".
- PROVIDE KEYED LONGITUDINAL JOINT WITHOUT TIE-BAR WHEN PERVIOUS CONCRETE PAVING IS POURED (INSTALLED) IN BREAKS.

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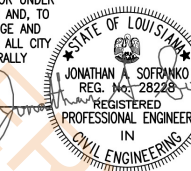
Architects

320 N. Carrollton Avenue, Suite 100
New Orleans, Louisiana 70119
t. 504.488.7739 f. 504.488.7743

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BELIEF, THEY COMPLY WITH ALL CITY
REQUIREMENTS. I AM GENERALLY
ADMINISTERING THE WORK.

ENGINEER
REG. NO.



10-31-2025

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"

SCHOOL & GYMNASIUM BUILDING

NEW ORLEANS, LA 70127

8820 HAYNE BLVD

100% CONSTRUCTION DOCS: 10/31/2025

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DRAWN BY: SCP

CHECKED BY: JAS

PHASE:

CONSTRUCTION
DOCUMENTS

19068-E

TITLE:

SITE AND PAVING
PLAN

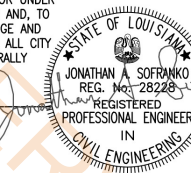
SHEET:

C100



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19068-E

TITLE:
PART. GRADING
PLAN

SHEET:

C101A



4" Yellow Painted Stips (18' L)

27.0 EA

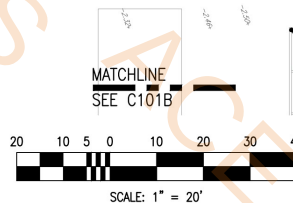
NOTE:
ELEVATIONS WITH ASTERISK (*) ARE EXISTING
ELEVATIONS OF ROADWAY INSTALLED IN
SEPARATE CONTRACT AND SHOWN HEREON FOR
REFERENCE PURPOSES. ADD 6" FOR TOP OF
CURB ELEVATION OF NEW VERTICAL CURB.

GRADING PLAN LEGEND

	PROPOSED FINISHED GRADE ELEVATION (HARDSCAPE)
	PROPOSED TOP OF CURB ELEVATION
	PROPOSED GUTTER BOTTOM ELEVATION
	PROPOSED TOP OF CURB ELEVATION
	EXISTING PAVEMENT ELEVATION
	PROPOSED FINISHED GRADE ELEVATION (GRASSY AREA)
	G.B. GRADE BREAK
	SLOPE SLOPE NEW PAVING UNIFORMLY

GRADING PLAN GENERAL NOTES AND PLAN KEY NOTES:

- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PERFORM TOPOGRAPHIC SURVEY OF ROADWAY INSTALLED IN SEPARATE CONTRACT AND PROVIDE AS-BUILT INFORMATION TO A/E FOR FURTHER EVALUATION. THIS IS TO ENSURE EXISTING ROADWAY SLOPES TOWARDS NEW PERMEABLE PAVING PROPOSED IN THE PARKING SPACES. PROPOSED ELEVATIONS OF PERMEABLE PAVING MAY NEED TO BE REVISED TO ACHIEVE THE DESIRED INTENT.
- CONTRACTOR SHALL NOTIFY A/E IMMEDIATELY IF ANY CONFLICT OR DISCREPANCY IS IDENTIFIED WITH NEW FINISHED GRADES.
- PAVEMENT AND SIDEWALK RUNNING SLOPE AND CROSS SLOPE SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND DPW OF NEW ORLEANS STANDARDS. RUNNING SLOPE NOT TO EXCEED 1 IN 20 (5%) AND CROSS SLOPE NOT TO EXCEED 1 IN 50 (2%).
- CONTRACTOR SHALL PROVIDE MINIMUM OF 5' LANDING AT THE TOP AND BOTTOM OF ALL STAIRS, ADA RAMPS, CONFORMING WITH ADA REQUIREMENTS. SLOPE FOR LANDING SHALL NOT EXCEED 1 IN 50 (2%) IN ANY DIRECTION.
- HANDICAP PARKING SPACE SLOPE NOT TO EXCEED 1 IN 50 (2%) IN ANY DIRECTIONS.
- SECTION OF PAVING IN-LINE WITH SIDEWALK PAVING SHALL HAVE CROSS-SLOPE 2% MAX.
- SLOPE NEW ROADWAY PAVING UNIFORMLY AS NOTED ON PLANS. ENSURE POSITIVE SLOPE AND DRAINAGE IS MAINTAINED. NOTIFY A/E IF ANY DISCREPANCY WITH FINISHED GRADES.
- ADA CURB RAMP WITH DETECTABLE WARNING SURFACE. SLOPE SHALL NOT EXCEED 1(V):12(H) OR 8.33% MAX. SLOPE. 6" CONCRETE PAVEMENT (FLUME) (MIN. 5' LENGTH) WITH CURB - TYP.
- CUT-IN SWALE, SLOPE SWALE UNIFORMLY (CONSISTENT SLOPE) TOWARDS DRAIN INLET. SLOPE GRASSY AREA UNIFORMLY TOWARDS SWALE.
- PROVIDE 1" UP (BEVELED EDGE) AT THE INTERFACE OF DRIVEWAY AND STREET PAVING.
- RE-GRADE AND SLOPE OPEN AREA TO MATCH EXISTING GRADE. SLOPE UNIFORMLY (CONSISTENT SLOPE) - 3(H):1(V) MAX. SLOPE.
- PROVIDE 5 FEET CURB TRANSITION FROM VERTICAL CURB TO ZERO (0) CURB AT PROPERTY LINE.
- CASTING OR GRATE ELEVATION OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK TO BE FIELD ADJUSTED, TOP CASTING SHALL BE FLUSHED WITH NEW PAVING OR FINISHED GRADE OF GRASSY AREAS.
- STREET REPAIRS AND NEW PAVING IN THE RIGHT-OF-WAY SHALL BE IN COMPLIANCE AND REQUIREMENTS WITH DPW OF NEW ORLEANS REQUIREMENTS AND STANDARDS.



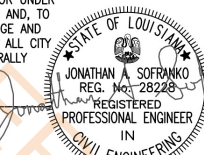
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C101A

PART. GRADING PLAN

1"=20'

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ENGINEER
REG. NO.



10-31-2025

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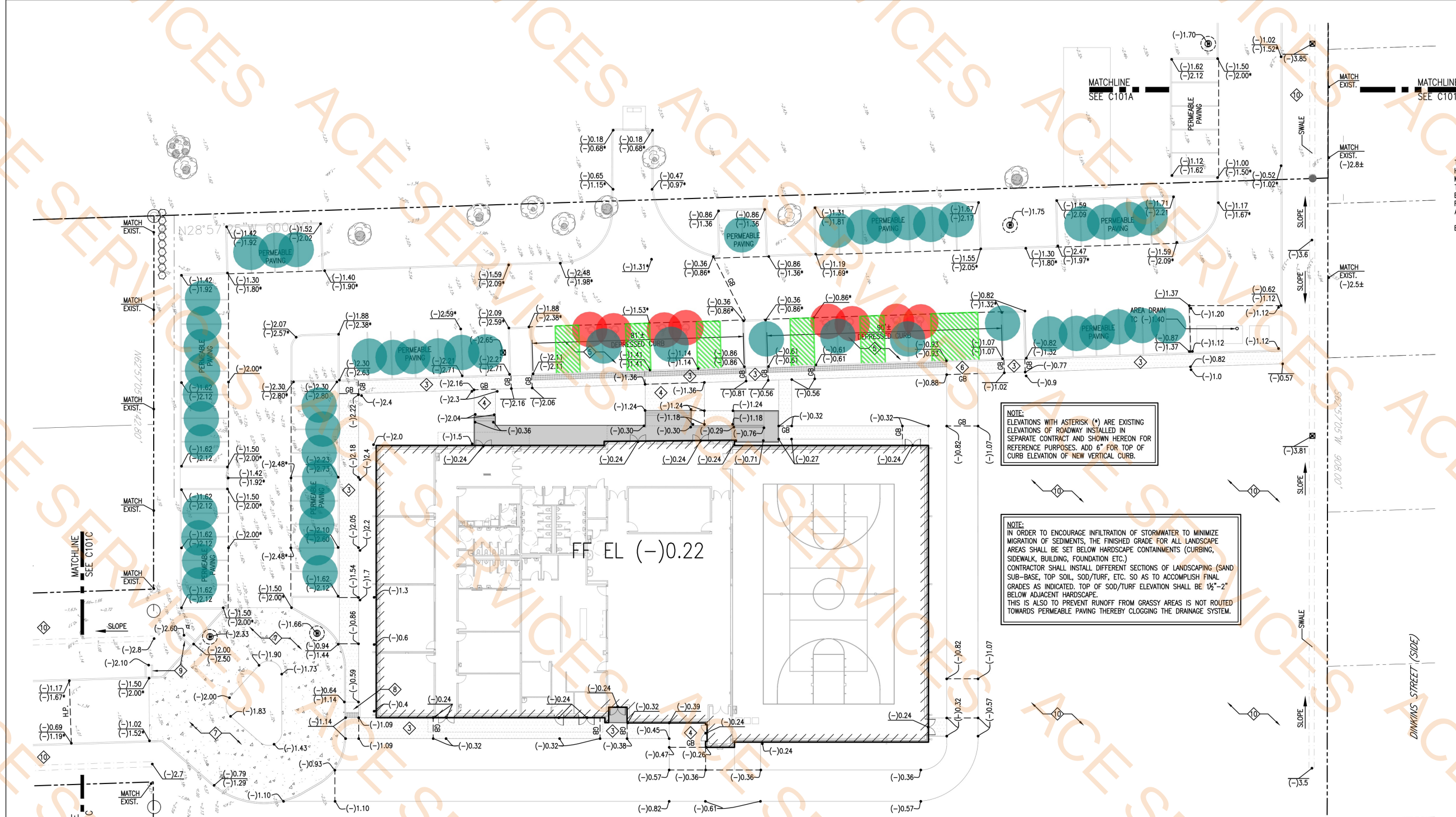
TITLE:
PART. GRADING
PLAN

SHEET:

C101B



MORPHY
MAKOFKY
INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 25051



- 1'-6" L x 1'-0" W (ADA handicap Signs) Blue Backgroud and White Lettering
- 4" Yellow Painted Stips (18' L)
- 6" Blue Painted Pavement Strips

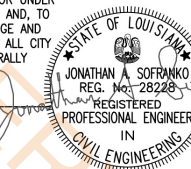


1 PART. GRADING PLAN
C101B 1"=20'

- GRADING PLAN GENERAL NOTES AND PLAN KEY NOTES:
- CONTRACTOR SHALL PERFORM TOPOGRAPHIC SURVEY OF ROADWAY INSTALLED IN SEPARATE CONTRACT AND PROVIDE INFORMATION TO A/E FOR FURTHER EVALUATION. THIS IS TO ENSURE EXISTING PERMEABLE PAVING PROPOSED IN THE PARKING SPACES. PROPOSED ELEVATIONS OF PERMEABLE PAVING SHALL BE REVISIED TO ACHIEVE THE DESIRED INTENT.
 - CONTRACTOR SHALL NOTE IMMEDIATELY IF ANY CONFLICT OR DISCREPANCY IS IDENTIFIED WITH NEW FINISHED GRADES.
 - PAVING SLOPE AND CROSS SLOPE SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR NEW ORLEANS STANDARDS. RUNNING SLOPE NOT TO EXCEED 1 IN 20 (5%) AND N 50 (2%).
 - MIN. OF 5' LANDING AT THE TOP AND BOTTOM OF ALL STAIRS, ADA RAMPS. ITS. SLOPE FOR LANDING SHALL NOT EXCEED 1 IN 50 (2%) IN ANY DIRECTION.
 - HANDICAP PARKING SPACE SLOPE NOT TO EXCEED 1 IN 50 (2%) IN ANY DIRECTIONS.
 - SECTION OF PAVING IN-LINE WITH SIDEWALK PAVING SHALL HAVE CROSS-SLOPE 2% MAX.
 - SLOPE NEW ROADWAY PAVING UNIFORMLY AS NOTED ON PLANS. ENSURE POSITIVE SLOPE AND DRAINAGE IS MAINTAINED. NOTIFY A/E IF ANY DISCREPANCY WITH FINISHED GRADES.
 - ADA CURB RAMP WITH DETECTABLE WARNING SURFACE. SLOPE SHALL NOT EXCEED 1(V):12(H) OR 8.33% MAX. SLOPE.
 - 6" CONCRETE PAVEMENT (FLUME) (MIN. 5' LENGTH) WITH CURB - TYP.
 - CUT-IN SWALE. SLOPE SWALE UNIFORMLY (CONSISTENT SLOPE) TOWARDS DRAIN INLET. SLOPE GRASSY AREA UNIFORMLY TOWARDS SWALE.
 - PROVIDE 1" LIP (BEVELED EDGE) AT THE INTERFACE OF DRIVEWAY AND STREET PAVING.
 - RE-GRADE AND SLOPE OPEN AREA TO MATCH EXISTING GRADE. SLOPE UNIFORMLY (CONSISTENT SLOPE) - 3(H):1(V) MAX. SLOPE.
 - PROVIDE 5 FEET CURB TRANSITION FROM VERTICAL CURB TO ZERO (0) CURB AT PROPERTY LINE.
 - CASTING OR GRATE ELEVATION OF ALL EXISTING STRUCTURES INVOLVED IN THE SCOPE OF CIVIL WORK TO BE FIELD ADJUSTED. TOP CASTING SHALL BE FLUSHED WITH NEW PAVING OR FINISHED GRADE OF GRASSY AREAS.
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ENGINEER
REG. NO.



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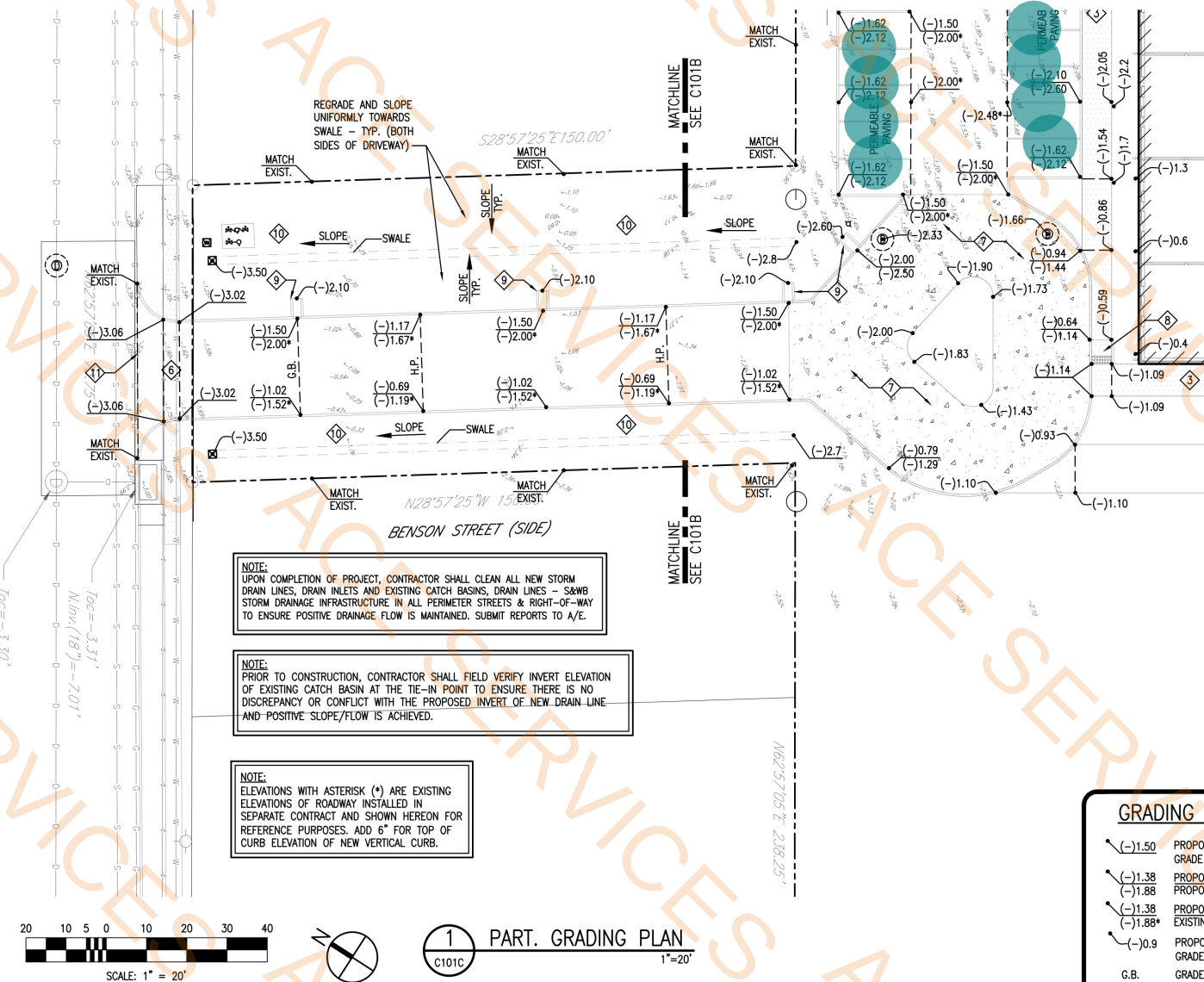
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CONSTRUCTION
DOCUMENTS

19068-E

TITLE:
PART. GRADING
PLAN

SHEET:
C101C



GRADING PLAN LEGEND

- (-)1.50 PROPOSED FINISHED
GRADE ELEVATION (HARDSCAPE)
- (-)1.38 PROPOSED TOP OF CURB ELEVATION
(-)1.88 PROPOSED GUTTER BOTTOM ELEVATION
- (-)1.38 PROPOSED TOP OF CURB ELEVATION
(-)1.88* EXISTING PAVEMENT ELEVATION
- (-)0.9 PROPOSED FINISHED
GRADE ELEVATION (GRASSY AREA)
- G.B. GRADE BREAK
- SLOPE SLOPE NEW PAVING UNIFORMLY

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4" Yellow Painted Stips (18' L)

8.0 EA

MATCHLINE
SEE C102B

MATCHLINE
SEE C102B

PARKING (20 spaces)
@ 9'-0" TYP.

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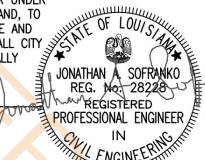
Architects

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ENGINEER
REG. NO.



10-31-2025

DRAINAGE PLAN LEGEND

- D10" L=41'
S=0.50% → NEW DRAIN PIPE SIZE, LENGTH
- D8" (PERF) L=78" S=0.50% → NEW PERFORATED DRAIN PIPE SIZE, LENGTH
- 24x24 DI → NEW 24x24 DRAIN INLET (GRATE AND FRAME), SEE 2/C201
- DMH → NEW DRAIN MANHOLE, SEE 2/C203
- DCO → NEW DRAIN CLEANOUT, SEE 4/C202

DRAINAGE PLAN KEY NOTES:

- LOCATION OF EXIST. DRAIN LINE. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE AND DEPTH IN THE FIELD. NOTIFY A/E IMMEDIATELY IF DISCREPANCY IS ENCOUNTERED IN FIELD CONDITIONS.
- TOP OF CAST ELEVATION TO MATCH PAVEMENT ELEVATION OF THE STREET TC (-)3.3±
(D15") INV IN (-)7.10
INVERT OF DRAIN MANHOLE TO MATCH INVERT OF EXIST. DRAIN LINE (-)7.6±
- STREET CUT OR PAVEMENT CUT AND REPAIR FOR INSTALLATION OF NEW UTILITIES. EXISTING CONCRETE PAVING SHALL BE REMOVED AND REPLACED JOINT-TO-JOINT.
- CONNECT NEW D8" TO INTERNAL ROOF DRAIN COMING OUT OF THE BUILDING. SEE PLUMB. FOR CONT.- TYP. MEP TO PROVIDE EMERGENCY OVERFLOW DRAIN(S) ABOVE GRADE FOR INTERNAL ROOF DRAINS COMING OUT OF THE BUILDING.
- TRASH GUARD SHALL BE INSTALLED INSIDE THE DRAIN INLET OR DRAIN MANHOLE STRUCTURE ON THE FACE OF OUTFALL DRAIN LINE TO PREVENT DEBRIS/TRASH GETTING INTO SUBBASE OF PERMEABLE PAVING.
- PROVIDE DRAIN INLET FILTER BY FABCO OR APPROVED EQUAL INSIDE ALL DRAIN INLETS.
- CONNECT NEW DRAIN LINE (D18") TO EXIST. DRAIN INLET. TOP OF CAST ELEVATION OF EXIST. DRAIN INLET SHALL BE FIELD ADJUSTED.
TC (-)4.5±
(D18") INV IN (-)7.12
EXIST. INV (-)7.28
- PROVIDE CONCRETE SPLASH BLOCK WITH CURB (5' MIN. LENGTH) UNDERNEATH ALL DOWNSPOUTS.

DRAINAGE PLAN NOTES:

- PROVIDE DRAINAGE STRUCTURES AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE LATEST STANDARDS OF CITY OF NEW ORLEANS DEPARTMENT OF PUBLIC WORKS AND/OR THE NEW ORLEANS SEWERAGE AND WATER BOARD AND/OR THE LOUISIANA DOTD.
- DIRECT DRAINAGE OF ALL PAVEMENT AND GRASSY AREAS AS NOTED ON DRAWINGS. NOTIFY A/E IF ANY DISCREPANCY WITH FINISHED GRADES.
- CONTRACTOR SHALL CREATE SWALES AND GRADE OPEN AREAS SLOPING UNIFORMLY. ENSURE SITE RUNOFF IS MAINTAINED WITHIN THE SITE AND DOES NOT ENCRUCH INTO ADJACENT PROPERTY.
- SOLID WALL DRAIN PIPES SHALL BE A-2000PVC CONFORMING TO THE REQUIREMENTS OF ASTM F949 UNLESS NOTED OTHERWISE. DRAIN PIPE FITTINGS SHALL CONFORM TO ASTM F949 PER MANUFACTURERS REQUIREMENTS. ALL JOINTS SHALL BE MADE WITH INTEGRALLY-FORMED BELL AND SPIGOT GASKETED CONNECTIONS. ELASTOMERIC SEALS (GASKETS) SHALL CONFORM TO ASTM F477.
- PERFORATED DRAIN PIPE SHALL BE A-2000PVC BY CONTECH CONSTRUCTION PRODUCTS INC., PERFORATED DRAIN PIPE SHALL BE WRAPPED WITH CONTECH DRAIN SLEEVE/FILTER SOCK, AND INSTALLED WITH PERFORATIONS DOWN AND SLOPED FOR DRAINAGE AS NOTED ON PLANS. PERFORATION(S) SIZE, DIMENSIONS SHALL BE PER PRODUCT MFR'S REQUIREMENTS.
- PROVIDE DRAIN INLET FILTER OR INLET SKIMMER BASKETS (BY FABCO OR APPROVED EQUAL) IN ALL DRAIN INLETS. INLET CONNECTION AT PIPE INTERFACES INSIDE DRAIN STRUCTURES SHALL BE GROUTED WITH NON-SHRINK GROUT FOR AN AIR-TIGHT SEAL.
- UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN ALL (EXISTING AND NEW) CATCH BASINS, DRAIN INLETS, AND DRAIN PIPES TO MAINTAIN POSITIVE DRAINAGE AND RESTORE SERVICES.
- CONTRACTOR SHALL SUBMIT COPIES OF ALL TESTING REPORTS TO A/E.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, FITTINGS, DRAIN PIPES TO A/E FOR APPROVAL BEFORE ORDERING MATERIAL.
- CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF ALL EXISTING DRAIN LINES PRIOR TO MAKING ANY CONNECTIONS/INSTALLATIONS. NOTIFY A/E IMMEDIATELY IF ANY CONFLICT IS ENCOUNTERED BETWEEN FLOW LINE INV. ELEVATION OF NEW DRAIN LINE AND INVERT ELEVATION OF EXISTING DRAIN.
- CONTRACTOR SHALL VERIFY LOCATION (HORIZONTAL AND VERTICAL, WHEREVER POSSIBLE) OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TAKE EXTREME PRECAUTIONS WHEN WORKING IN THE VICINITY OF EXISTING/NEW GAS, FIBER OPTICS, ELECTRICITY, UNDERGROUND DUCT BANKS, ETC. SO AS NOT TO CAUSE DAMAGE.
- NOTIFY A/E IMMEDIATELY IF GRADE CONFLICT IS ENCOUNTERED BETWEEN NEW DRAIN LINE AND STRUCTURAL FOUNDATION & UNDERGROUND UTILITIES (SANITARY SEWER, DOMESTIC AND FIRE WATER, GAS, ETC.).
- CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITIES COMPANY PRIOR TO OFFSETTING EXISTING UTILITIES IF ANY GRADE/INVERT CONFLICT IS ENCOUNTERED WITH NEW DRAIN LINE.

- New 24x24 Drain Inlet (2/C201)
- New Drain Manhole (2/C203)
- DCO) New Drain Cleanout (4/C202)
- D15" Perforated Pipe
- D15" Drain Pipe
- D8" Perforated Drain Pipe
- D12" Perforated Drain Pipe
- D10" Perforated Pipe
- D8 Drain Pipe
- D10" Drain Pipe
- 8) Concrete Splash Block (10" Width) (5'-0" L)

5.0 EA

5.0 EA

13.0 EA

163.8 FT

114.3 FT

794.1 FT

65.3 FT

187.0 FT

107.6 FT

79.1 FT

11.0 EA

OF A CERTIFICATE OF OCCUPANCY, POST-CONSTRUCTION
ENER/S, AND PERFORMANCE BOND (BY OWNER), BASED UPON
ROYAL AFTER FINAL INSPECTION THESE DOCUMENTS MUST BE
AND MONEY.

FEET IN TOTAL AREA ARE SUBJECT TO AN INITIAL
ITE THAT THE DEPARTMENT OF SAFETY AND PERMITS
L PERMEABLE PAVEMENT INSTALLATIONS IS REQUIRED ON
SHALL APPLY FOR RE-CERTIFICATION OF THE PERMEABLE
IT NO LESS THAN 23 MONTHS FROM THE DATE OF THE

LIGHT CITY CHRISTIAN ACADEMY

"BUILDING B"

SCHOOL & GYMNASIUM BUILDING

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8820 HAYNE BLVD

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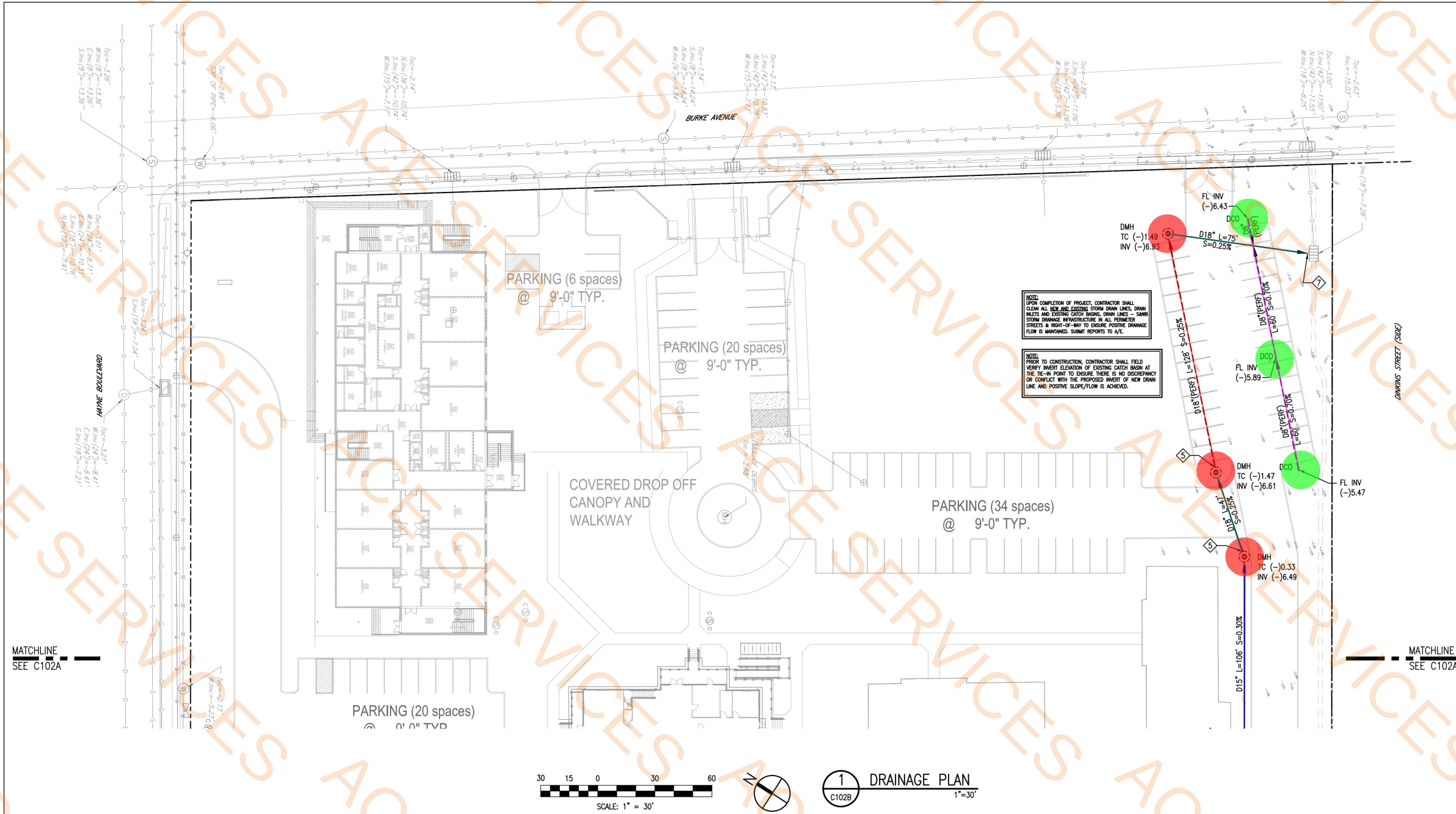
19068-E

TITLE:
DRAINAGE PLAN

SHEET:

C102A





- | | | | |
|--|----------------------------------|--|----------|
| | D15" Drain Pipe | | 85.4 FT |
| | New Drain Manhole (2/C203) | | 3.0 EA |
| | DCO) New Drain Cleanout (4/C202) | | 3.0 EA |
| | D8" Perforated Drain Pipe | | 135.1 FT |
| | D18" Drain Pipe | | 115.3 FT |
| | D18" Perforated Pipe | | 121.6 FT |

NOTE:
UPON COMPLETION OF PROJECT, CONTRACTOR SHALL
CLEAN ALL NEW AND EXISTING STORM DRAIN LINES, DRAIN
INLETS AND EXISTING CATCH BASINS, DRAIN LINES - SAME
STORM DRAINAGE INFRASTRUCTURE IN ALL PERMITTED
STREETS & RIGHT-OF-WAY TO ENSURE POSITIVE DRAINAGE
FLOW IS MAINTAINED. SUBMIT REPORTS TO A/E.

NOTE:
PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD
VERIFY INVERT ELEVATION OF EXISTING CATCH BASIN AT
THE TIE-IN POINT TO ENSURE THERE IS NO DISCREPANCY
OR CONFLICT WITH THE PROPOSED INVERT OF NEW DRAIN
LINE AND POSITIVE SLOPE/FLOW IS ACHIEVED.

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ENGINEER
REG. NO. _____

STATE OF LOUISIANA
JONATHAN A. SOFRANKO
REG. NO. 28228
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

10-31-2025

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(504)488-1317
JOB NO. 25051

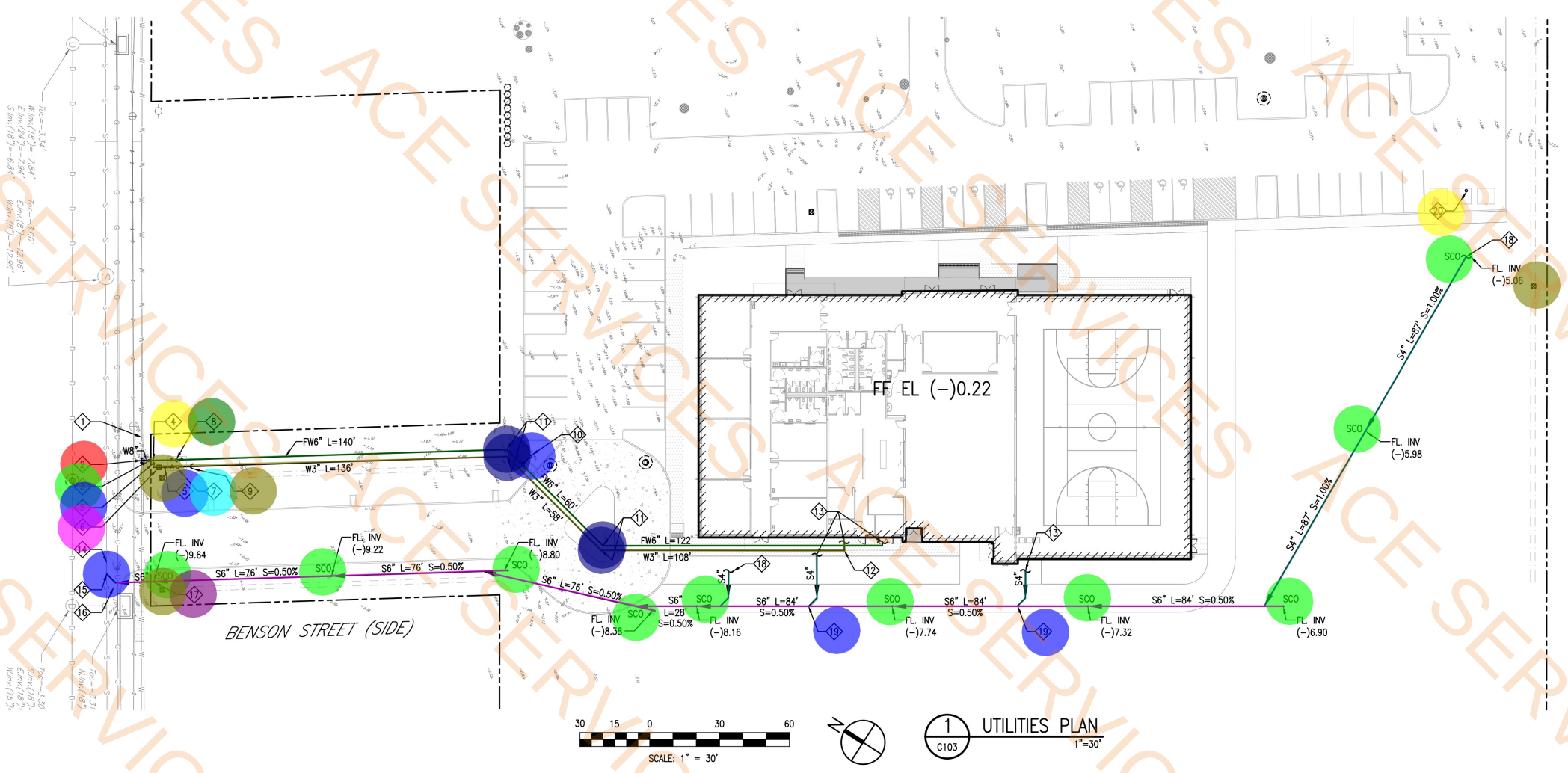
THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM GENERALLY ADMINISTERING THE WORK.

ENGINEER
REG. NO. _____

JONATHAN A. SOFRANKO
REG. NO. 28228
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

10-31-2025

IGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
8820 HAYNE BLVD
NEW ORLEANS, LA 70127



UTILITIES PLAN LEGEND	
S6" L=25' S=0.50%	NEW SEWER, SIZE, LENGTH, SLOPE
W3" L=25'	NEW DOMESTIC WATER, SIZE, MATERIAL, LENGTH
FW6" L=40'	NEW FIRE WATER, SIZE, MATERIAL, LENGTH
⊗	NEW GATE VALVE
⊕	NEW REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER, SEE C301
⊕	NEW DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) BACKFLOW PREVENTER, SEE C301
○SCC	NEW SEWER CLEANOUT, SEE 4/C202
⬢	NEW FIRE HYDRANT AND VALVE ASSEMBLY, SEE C300

SANITARY SEWER NOTES:

1. MATERIAL FOR SANITARY SEWER PIPE INSTALLED IN THE RIGHT-OF-WAY SHALL BE SDR WALL PVC PIPE, MANUFACTURED IN ACCORDANCE WITH ASTM D-3034 SPECIFICATIONS AND TO A SDR (STRENGTH DIMENSION RATIO) OF 26 WITH ELASTOMERIC GASKETS. THE ELASTOMERIC GASKETS AND RETAINER RINGS SHALL BE INSTALLED BY THE MANUFACTURER IN ACCORDANCE WITH ASTM D-3212 AND F-477. THE FITTINGS FOR SDR WALL PVC PIPE SHALL BE THE SAME INSIDE DIAMETER AS THE SDR WALL PVC PIPE WITH AN SDR OF 35.
2. ALL SANITARY SEWER PIPES AND FITTINGS INSTALLED INSIDE PRIVATE PROPERTY SHALL BE IN ACCORDANCE WITH SEWERAGE AND WATER BOARD OF NEW ORLEANS PLUMBING CODE, SECTION 10.2.3, SDR 26 OR SCHEDULE 40 PVC DWV IS ACCEPTABLE.
3. ALL NEW SANITARY SEWER SERVICES SHALL HAVE A MINIMUM OF 3 FEET COVER (FROM TOP OF PIPE TO FINISH GRADE OF PAVING OR GRASSY AREA).
4. MAINTAIN MINIMUM 12" VERTICAL CLEARANCE BETWEEN NEW SANITARY SEWER AND WATER/RAIN/ANY OTHER UNDERGROUND UTILITIES WHERE UTILITIES ARE CROSSING (WITH NEW SANITARY SEWER BELOW).
5. CONTRACTOR SHALL VERIFY INVERT ELEVATION OF EXISTING SANITARY SEWER MAIN AT THE POINT OF CONNECTION PRIOR TO MAKING ANY CONNECTIONS/INSTALLATIONS. NOTIFY A/E IMMEDIATELY IF ANY CONFLICT IS ENCOUNTERED BETWEEN FLOW LINE INV. ELEVATION OF NEW SANITARY SEWER AND INVERT ELEVATION OF EXISTING SEWER LINE.
6. CONTRACTOR SHALL NOTIFY A/E IF ANY GRADE CONFLICT IS ENCOUNTERED BETWEEN NEW SANITARY SEWER LINE WITH EXISTING DRAIN, WATER, GAS LINES AND ANY OTHER UNDERGROUND UTILITIES.
7. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITIES COMPANY PRIOR TO OFFSETTING EXISTING UTILITIES IF ANY GRADE/INVERT CONFLICT IS ENCOUNTERED WITH NEW SANITARY SEWER LINE.
8. SANITARY SEWER PIPE SHALL HAVE 6" WIDE CONTINUOUS METALLIC DETECTABLE WARNING TAPE ATTACHED TO THE PIPE @ 10" MAXIMUM.
9. SEE SPECIFICATIONS FOR SANITARY SEWER

DOMESTIC WATER AND FIRE WATER:

1. WATER LINES (4" AND ABOVE) SHALL BE SOLID WALL DR 18 PVC PIPE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C900 POLYVINYL CHLORIDE (PVC) PRESSURE PIPE AND FABRICATED FITTINGS FOR WATER DISTRIBUTION.
2. FOR PVC WATER LINES, ALL PIPE FITTING SHALL BE DUCTILE IRON. ALL NUTS, BOLTS AND WASHERS, ETC. SHALL BE MANUFACTURED OF STAINLESS STEEL.
3. ALL POTABLE WATER PIPE AND FITTINGS (3" AND LESS) SHALL CONFORM TO POLYVINYL CHLORIDE (PVC) PIPE IN ACCORDANCE WITH ASTM D-1785, UNLESS NOTED OTHERWISE. POLYETHYLENE PLASTIC PIPE AND TUBING (PE), IF USED, SHALL CONFORM TO AWWA C901/C906, ASTM D2239, ASTM D2737, ASTM D3035, ASTM F417, CELL CLASS PER ASTM D3350, PPI LISTED MATERIAL (TR-4) PE 4710, AND ANSI/NSF-14.
4. NEW DOMESTIC WATER AND FIRE WATER LINES SHALL HAVE A MINIMUM OF 3 FEET OF COVER FROM TOP OF PIPE TO FINISH GRADE OF PAVING.
5. WATER LINES SHOWN IN SCHEMATIC DETAIL ONLY. EVERY OFFSET, ELBOW, TEE, WYE, ETC. THAT MAY BE REQUIRED ARE NOT SHOWN FOR CLARITY. HOWEVER, IT IS CONTRACTOR'S RESPONSIBILITY TO SUPPLY EACH AND EVERY SUCH ITEM TO PROVIDE COMPLETE WORKING UTILITY SYSTEMS.
6. PROVIDE METER VAULT, VALVES, REDUCED PRESSURE BACKFLOW PREVENTER AND OTHER FIXTURES AND STRUCTURES CONFORMING TO THE STANDARDS OF THE S&WB. COORDINATE INSTALLATION OF METER AND METER VAULT WITH S&WB.
7. PROVIDE POTABLE WATER CONNECTIONS FROM MAIN TO METER AND FROM METER TO BUILDING IN ACCORDANCE WITH THE STANDARDS OF THE S&WB.
8. FLUSH AND DISINFECT NEW WATER LINES AND AFFECTED PORTIONS OF EXISTING WATER LINES IN ACCORDANCE WITH AWWA C601 AND THE S&WB STANDARDS.
9. PROVIDE CONCRETE THRUST BLOCKS AND/OR MECHANICAL RESTRAINTS AT TEES, ELBOWS, AND OTHER CHANGES IN DIRECTION.
10. DOMESTIC WATER AND FIRE WATER PIPES SHALL HAVE 6" WIDE CONTINUOUS METALLIC DETECTABLE WARNING TAPE INSTALLED 12" ABOVE THE PIPE.
11. SEE WATER DISTRIBUTION SPECIFICATIONS.

SEWERAGE & WATER BOARD NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH S&WB SPECIFICATIONS AND STANDARD DRAWINGS.
2. CONTRACTOR SHALL CONTACT THE S&WB A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION.
3. CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB BEFORE BEGINNING CONSTRUCTION:
A. PROOF OF LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTORS LICENSE.
B. DEPARTMENT OF PUBLIC WORKS STREET CUT PERMIT.
C. PROOF OF INSURANCE INDEMNIFYING THE S&WB IN THE AMOUNT OF AT LEAST \$5,000,000.00.
4. ANY WORK WITHIN PRIVATE PROPERTY MUST BE REVIEWED AND APPROVED BY THE S&WB PLUMBING DEPARTMENT IN ADVANCE OF CONSTRUCTION. A LICENSED MASTER PLUMBER MUST CONTACT THE PLUMBING DEPARTMENT TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF S&WB ENGINEERING DOES NOT RELIEVE THE PLUMBER OF THIS OBLIGATION.
5. THE METER SHALL BE INSTALLED AS RECEIVED FROM THE S&WB AND MAY NOT BE MODIFIED IN ANY MANNER. ANY MODIFICATION WILL VOID THE WARRANTY AND, AS SUCH, MAY SUBJECT THE OWNER TO FINANCIAL PENALTY AND LOSS OF SERVICE.
6. WATER METERS MAY OR MAY NOT BE IMMEDIATELY AVAILABLE THEREFORE CONTRACTORS SHALL PAY ALL REQUIRED S&WB FEES REQUIRED TO OBTAIN A WATER METER AT LEAST SIX MONTHS PRIOR TO THE DATE THE WATER METER IS REQUIRED TO BE INSTALLED.

HEATED HOT BOX ENCLOSURE FOR DCDA BACKFLOW PREVENTER:

1. PROVIDE HEATED HOT BOX ENCLOSURE (ALUMINUM/FIBERGLASS), 1000W, 208V, 1Ø BY HUBBELL POWER SYSTEMS, INC. OR APPROVED EQUAL.
2. ENCLOSURE SHALL HAVE ACCESS PANELS SO THAT INDIVIDUAL COMPONENTS OF DCDA-BFP CAN BE ACCESSED FOR MAINTENANCE.
3. ENCLOSURE SHALL CONFORM TO ASTM B209, ASTM B221, AND ASSE 1060-PERFORMANCE REQUIREMENTS FOR OUTDOOR ENCLOSURES FOR BACKFLOW PREVENTION ASSEMBLIES.
4. CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS (OF SELECTED MFR.) WITH ELECTRICAL DRAWINGS/ENGINEER.
5. FOUNDATION SLAB OF BACKFLOW PREVENTER SHALL BE COORDINATED WITH DIMENSIONS OF ENCLOSURE TO SUPPORT ALL FACES OF ENCLOSURE. EXTEND FOUNDATION SLAB 12" FROM THE FOOTPRINT OF THE ENCLOSURE.
6. ENCLOSURE SHALL BE SAFELY/PROPERLY SECURED TO THE FOUNDATION SLAB PER MFR. RECOMMENDATION AND INSTALLATION GUIDELINES.
7. SUBMIT SHOP DRAWINGS TO A/E FOR APPROVAL BEFORE ORDERING MATERIAL.

DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) AND REDUCED PRESSURE ZONE (RPZ) ASSEMBLY:

1. DCDA BACKFLOW PREVENTER SHALL BE EQUIPPED WITH TAMPER SWITCH AS REQUIRED BY FIRE MARSHALL GOVERNING AGENCY.
2. PROVIDE HEATED HOT BOX ENCLOSURE FOR FREEZE PROTECTION.
3. FOUNDATION SLAB FOR DCDA AND RPZ BACKFLOW PREVENTER SHALL BE 4,000 PSI CONCRETE, 8" THICK, REINFORCED WITH #4 @ 12" O.C EACH WAY. FOUNDATION SLAB TO BE SUPPORTED ON 12" OF SELECT STRUCTURAL FILL (RIVER SAND), COMPACTED TO 95% OF ITS MAX DRY DENSITY PER ASTM D698 WITH GEOTEXTILE FABRIC (MIRAFI 600X) UNDERNEATH IT.
4. FOUNDATION SLAB DIMENSION SHALL EXTEND 12" BEYOND TO ACCOMMODATE FOOTPRINT OF HOT BOX ENCLOSURE.

UTILITIES PLAN KEY NOTES:

- ⬢ LOCATION OF EXIST. WATER LINE SHOWN HEREON IS APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE AND DEPTH OF EXIST. WATER MAIN IN THE FIELD. NOTIFY A/E IMMEDIATELY IF DISCREPANCY IS ENCOUNTERED IN FIELD CONDITIONS.
- ⬢ CONNECT NEW WATER LINE (W8") TO EXIST. WATER LINE WITH DUCTILE IRON TEE AND VALVE CONFORMING TO S&WB OF NEW ORLEANS.

• (SCCO) New Sewer Cleanout (4/C202)
• 20) 12" Extra Heavy Duty Area Drain At Dumpster Pad
• 19) Wye Connection
• S6) New Sewer Pipe
• FW6) New Fire Water Pipe
• W3" (Domestic Water Pipe)
• W8" Domestic Water Pipe
• S4" Sewer Pipe
• 2) Ductile iron Tee
• 3) 8" Rotating/Rolling Disc Woods Gate Valve
• 4) 8x8x8 Ductile Iron Tee With 8x6 Reducer
• 5) Isolation Gate Valve in Valve Box
• 6) 4" Domestic Water Meter
• 7) 4" Reduced Pressure zone (RPZ) , Lead Free Backflow Preventer
• 8) 6" Double Check Detector Assembly (DCDA) Backflow Preventer
• 9) 4x3 Reducer
• 10) New Fire Hydrant
• 11) concrete Thrust Block
• 17) Sanitary Sewer Cleanout
• New Gate Valve

19) WYE CONNECTION - TYP.
20) 12" EXTRA HEAVY-DUTY AREA DRAIN AT DUMPSTER PAD. SEE GRADING PLAN FOR TC ELEVATION. CONNECT AREA DRAIN TO GREASE TRAP. SEE PLUMB. -TYP.

10.0 EA
1.0 EA
3.0 EA
519.2 FT
332.0 FT
332.0 FT
5.0 FT
229.5 FT
1.0 EA
1.0 EA
1.0 EA
2.0 EA
1.0 EA
1.0 EA
1.0 EA
1.0 EA
4.0 EA
1.0 EA
3.0 EA

CTION DOCS: 10/31/2025
1 11/06/2025

BY: JAS

CONSTRUCTION DOCUMENTS

0068-E

UTILITIES PLAN

SHEET: C103

MORPHY MAKOFSKY INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 25051

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING

NEW ORLEANS, LA 70127

8820 HAYNE BLVD

DATE ISSUED: 10/31/2025
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19068-E

TITLE:
MECHANICAL PLAN

SHEET:

M1.11



LUCIEN T. VIVIEN JR. & ASSOCIATES
CONSULTING MEP ENGINEERS
LTV

320 N. CARROLLTON AVENUE, SUITE 100, NEW ORLEANS, LA 70119
P: 504.488.7739 F: 504.488.7743 WWW.VERGESROMES.COM

36" Dia Duct	263.0 FT
50"x24" Duct	131.2 FT
8" Dia Duct	211.2 FT
10" Dia Duct	497.3 FT
14"x12" Duct	92.3 FT
20"x14" Duct	177.8 FT
32"x18" Duct	27.0 FT
30"x16" Duct	9.0 FT
26"x18" Duct	136.3 FT
50"x20" Duct	22.2 FT
36"x20" Duct	265.7 FT
30"x18" Duct	29.0 FT
26"x16" Duct	32.5 FT
18"x14" Duct	84.3 FT
16" Dia Duct	155.9 FT
30"x24" Duct	43.7 FT
12" Dia Duct	125.3 FT
12"x14" Duct	11.9 FT
10"x16" Duct	9.5 FT
6" Dia Duct	232.6 FT
18"x18" Duct	124.9 FT
14"x14" Duct	192.3 FT
14" Dia Duct	78.8 FT
8"x8" Duct	31.8 FT
10"x10" Duct	18.9 FT

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1 1ST FL - MECHANICAL DUCTWORK - OVERALL
M1.11 1/8" = 1'-0"

SPECIFIC NOTES

- SUPPLY DUCTWORK UP TO RTU.
- RETURN DUCTWORK UP TO RTU.
- EXHAUST DUCTWORK UP TO RTU.
- EXHAUST DUCTWORK UP TO FAN ON ROOF.
- UNIT HEATER TO BE HUNG FROM STRUCTURE ABOVE. THERMOSTATE TO BE ON WALL.
- CONNECT 6" DUCTWORK FROM KITCHEN EQUIPMENT. TO ROOF HOOD. SEE VENDOR DRAWINGS FOR CONNECTION, ROUTING, AND SIZING REQUIREMENTS. MECHANICAL CONTRACTOR TO SUPPLY DUCTWORK AND MAKE CONNECTIONS.
- TRANSITION FROM RECTANGULAR DUCTWORK TO ROUND DOUBLE WALL SPIRAL AT THIS LOCATION.
- PROVIDE 36X36 LOUVERED FACE RETURN GRILLE ON WALL AT THIS LOCATION.

1 PLUMBING - SITE
1" = 20'-0"

SPECIFIC NOTES	SPECIFIC NOTES
① SANITARY SEWER LINE FROM PLUMBING TO CIVIL. SEE PLANS FOR SIZE.	⑨ PROVIDE WATER HEATER MOUNTED TO STAND INSIDE FENCE. PROVIDE FREEZE PROOF POST HYDRANT FOR HOT AND COLD WATER CONNECTIONS.
② GREASE WASTE LINE FROM DUMPSTER YARD INTO GREASE TRAP. SEE CIVIL PLANS FOR CONNECTION INTO DRAIN IN DUMPSTER AREA.	
③ VENT LINE FROM GREASE TRAP INTO BUILDING.	
④ DOMESTIC WATER CONNECTION TO CIVIL.	
⑤ FIRE PROTECTION CONNECTION TO CIVIL.	
⑥ NATURAL GAS LINE FROM UTILITY PROVIDER. PROVIDE METER ALONG BUILDING.	
⑦ STORM DRAIN FROM BUILDING TO CIVIL.	
⑧ DOMESTIC WATER LINE FROM BUILDING OUT TO DUMPSTER YARD.	

4"V (Vent Pipe)

4" GW (Grease Waste Pipe)

6" Dia (FP) Storm Drain Pipe

3" CW Pipe

4" W (Sanitary Sewer Pipe)

2" NG pipe

Grease Trap

Storm Drain

3/4" CW Pipe

Freeze Proof Post Hydrant

3/4" CW Cold Water Pipe

268.5 FT

49.2 FT

22.3 FT

6.9 FT

46.7 FT

51.3 FT

3.0 EA

1.0 EA

0.0 FT

1.0 EA

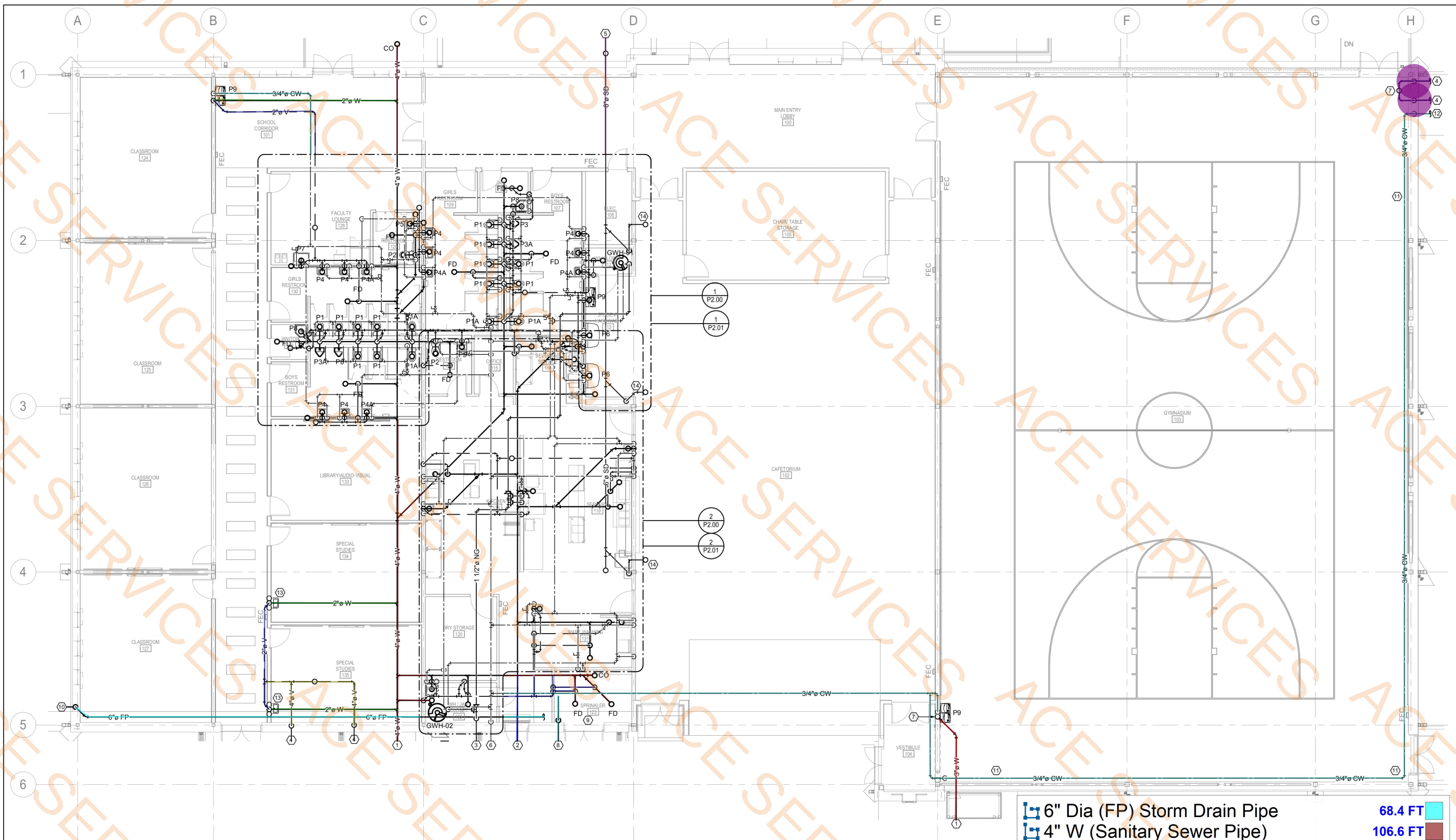
164.4 FT

LIGHT CITY CHRISTIAN ACADEMY
"BUILDING B"
SCHOOL & GYMNASIUM BUILDING
8820 HAYNE BLVD
NEW ORLEANS, LA 70127

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TITLE:
1ST FL - PLUMBING
PLAN
SHEET:

P1.10



1 1ST FL - PLUMBING - OVERALL
P1.10 1/8" = 1'-0"

SPECIFIC NOTES	SPECIFIC NOTES
1 SANITARY SEWER PIPING FROM BUILDING TO CIVIL.	9 PROVIDE FIRE PUMP, JOCKEY PUMP, CONTROLLERS, VALVES AND ACCESSORIES REQUIRED IN THIS ROOF FOR FULLY FUNCTIONING NFPA SYSTEM. SEE SPECIFICATIONS FOR DETAIL.
2 SANITARY GREASE PIPING FROM BUILDING TO GREASE TRAP.	10 FIRE DEPARTMENT CONNECTION TO BE LOCATED ON THIS PORTION OF BUILDING.
3 NATURAL GAS PIPING FROM METER TO BUILDING.	11 DOMESTIC WATER LINE TO BE RAN TIGHT TO WALL/STRUCTURE AROUND GYM.
4 SANITARY VENT PIPING FROM GREASE TRAP INTO BUILDING.	12 DOMESTIC WATER LINE TO DUMPSTER AREA.
5 STORM DRAIN FROM BUILDING TO CIVIL PROVIDE RELIEF DRAIN ON SIDEWALK.	13 PROVIDE ROUGH INS FOR FUTURE SINK IN THIS AREA. SANITARY WASTE AND VENT LINES TO BE CONNECTED INTO MAINS. DOMESTIC WATER LINES TO BE INSTALLED IN WALL AND STUBBED ABOVE CEILING FOR FUTURE. CAP PIPING ON BOTH ENDS.
6 3" DOMESTIC WATER LINE FROM CIVIL INTO BUILDING.	14 6" STORM DRAIN PIPING UP TO DRAIN ON ROOF.
7 SANITARY VENT LINE TO ROOF.	
8 6" FIRE PROTECTION PIPING FROM CIVIL INTO BUILDING.	

- 6" Dia (FP) Storm Drain Pipe 68.4 FT
- 4" W (Sanitary Sewer Pipe) 106.6 FT
- 2" W (Sanitary Sewer Pipe) 68.8 FT
- 4" V (Vent Pipe) 28.1 FT
- 2" V (Vent Pipe) 77.5 FT
- 8" Storm Drain Pipe 18.2 FT
- 3/4" CW Cold Water Pipe 291.1 FT
- 3" W (Sanitary Sewer Pipe) 17.1 FT
- 4" GW (Grease Waste Pipe) 10.5 FT
- Grease Trap 2.0 EA

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LUCIEN T. VIVIEN JR. & ASSOCIATES
CONSULTING MEP ENGINEERS
LTV
10/27/25

LIGHT CITY CHRISTIAN ACADEMY
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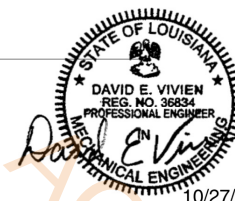
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TITLE:
PLUMBING ENLARGED
PLANS

SHEET:

P2.00

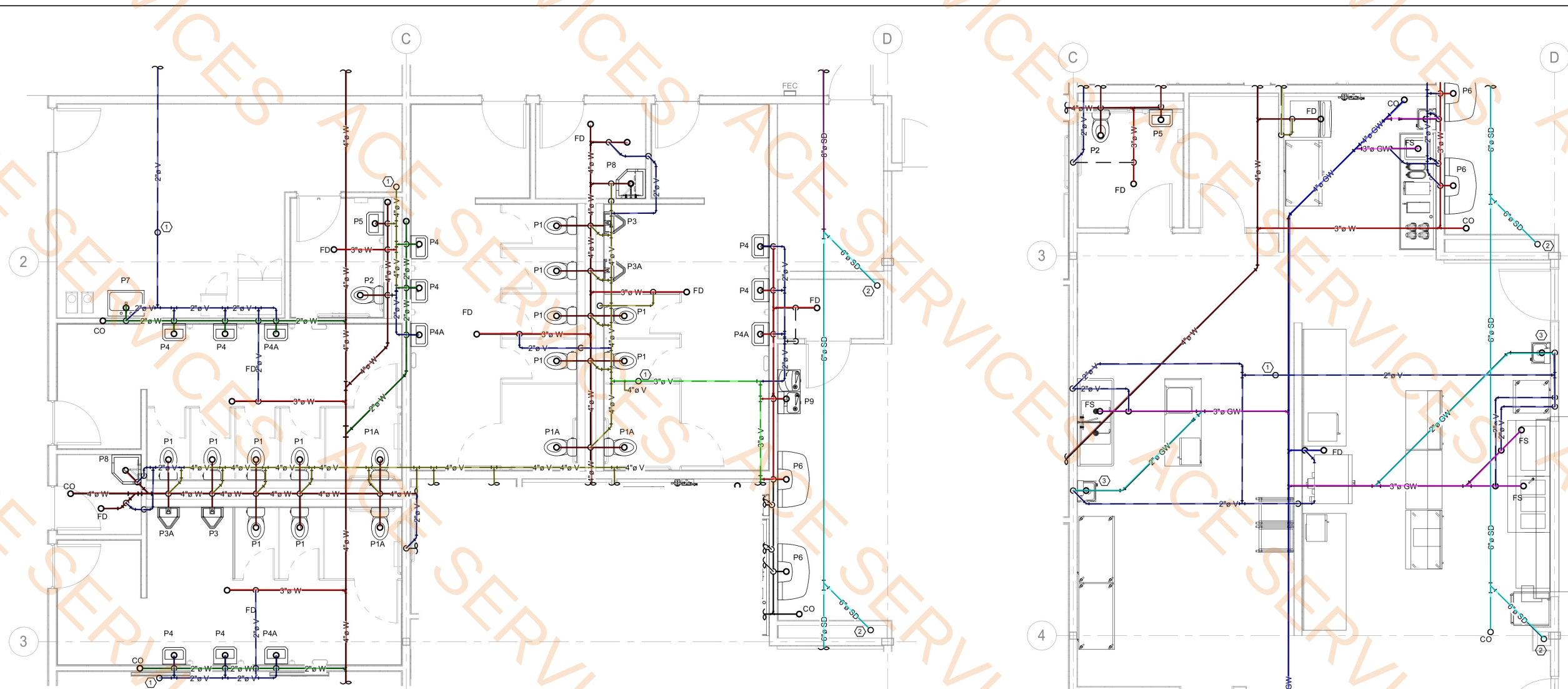


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1 1ST FL - ENLARGED RESTROOMS - SANITARY
P2.00 1/4" = 1'-0"

2" W (Sanitary Sewer Pipe)	53.3 FT
4" W (Sanitary Sewer Pipe)	202.8 FT
4"V (Vent Pipe)	89.3 FT
2" V (Vent Pipe)	265.7 FT
3" W (Sanitary Sewer Pipe)	109.5 FT
3" V Vent Pipe	17.2 FT
6" Dia (FP) Storm Drain Pipe	97.5 FT
8" Storm Drain Pipe	11.1 FT
4" GW (Grease Waste Pipe)	57.5 FT
3" GW (Grease Waste Pipe)	66.7 FT
2" GW (Grease Waste Pipe)	27.1 FT

2 1ST FL - ENLARGED KITCHEN - SANITARY
P2.00 1/4" = 1'-0"