

PROJECT SITE - VIEW FROM SIDEWALK AT BASEBALL FIELD



PROJECT SITE - VIEW FROM NEW SIDEWALK BEHIND REC CENTER



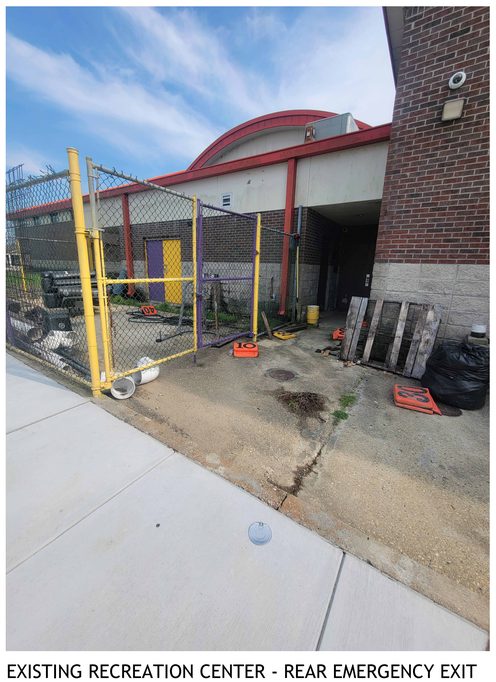
PROJECT SITE - VIEW FROM SPLASH PAD



PROJECT SITE - VIEW FROM REC CENTER EQUIPMENT YARD



EXISTING RECREATION CENTER AND EQUIPMENT YARD



EXISTING RECREATION CENTER - REAR EMERGENCY EXIT

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



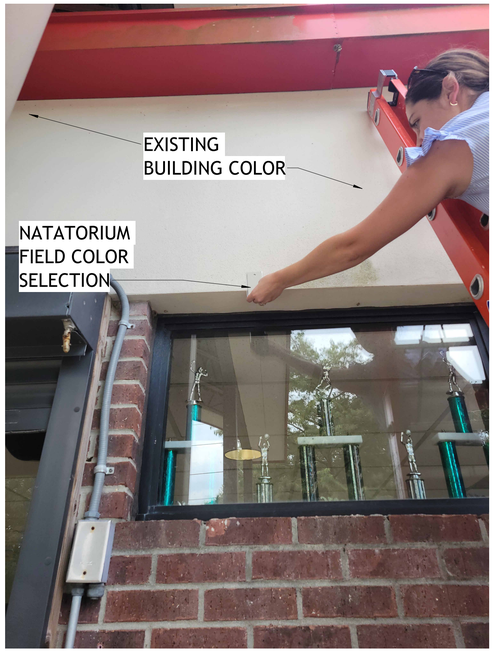
VIEW AT SPLASH PAD (IN CONSTRUCTION)



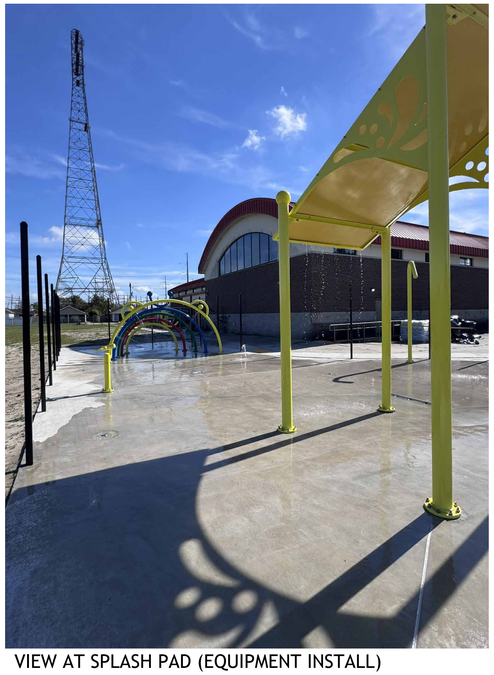
VIEW AT SPLASH PAD (IN CONSTRUCTION)



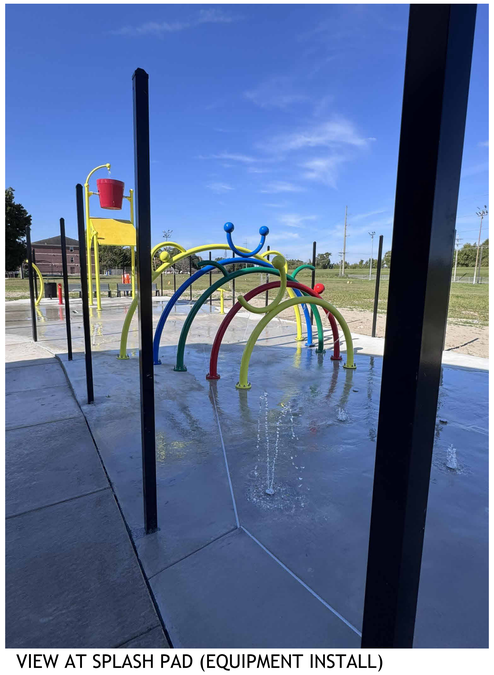
VIEW AT SPLASH PAD (IN CONSTRUCTION)



EXISTING BUILDING BUILDING MATERIAL COLOR



VIEW AT SPLASH PAD (EQUIPMENT INSTALL)



VIEW AT SPLASH PAD (EQUIPMENT INSTALL)



VIEW AT SPLASH PAD (EQUIPMENT INSTALL)



VIEW AT SPLASH PAD (EQUIPMENT INSTALL)

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

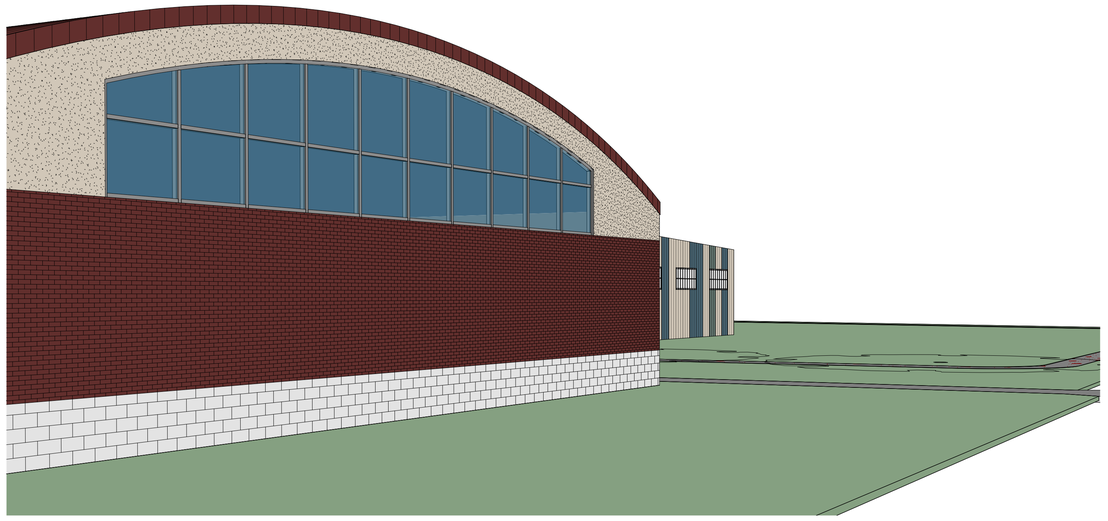
12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



1 - VIEW FROM PATTERSON DR. AND ERNEST ST.



2 - VIEW FROM BELLGRADE ST. AND ERNEST ST.





3 - VIEW FROM GEN. MEYER AVE. AND BELGRADE ST.

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

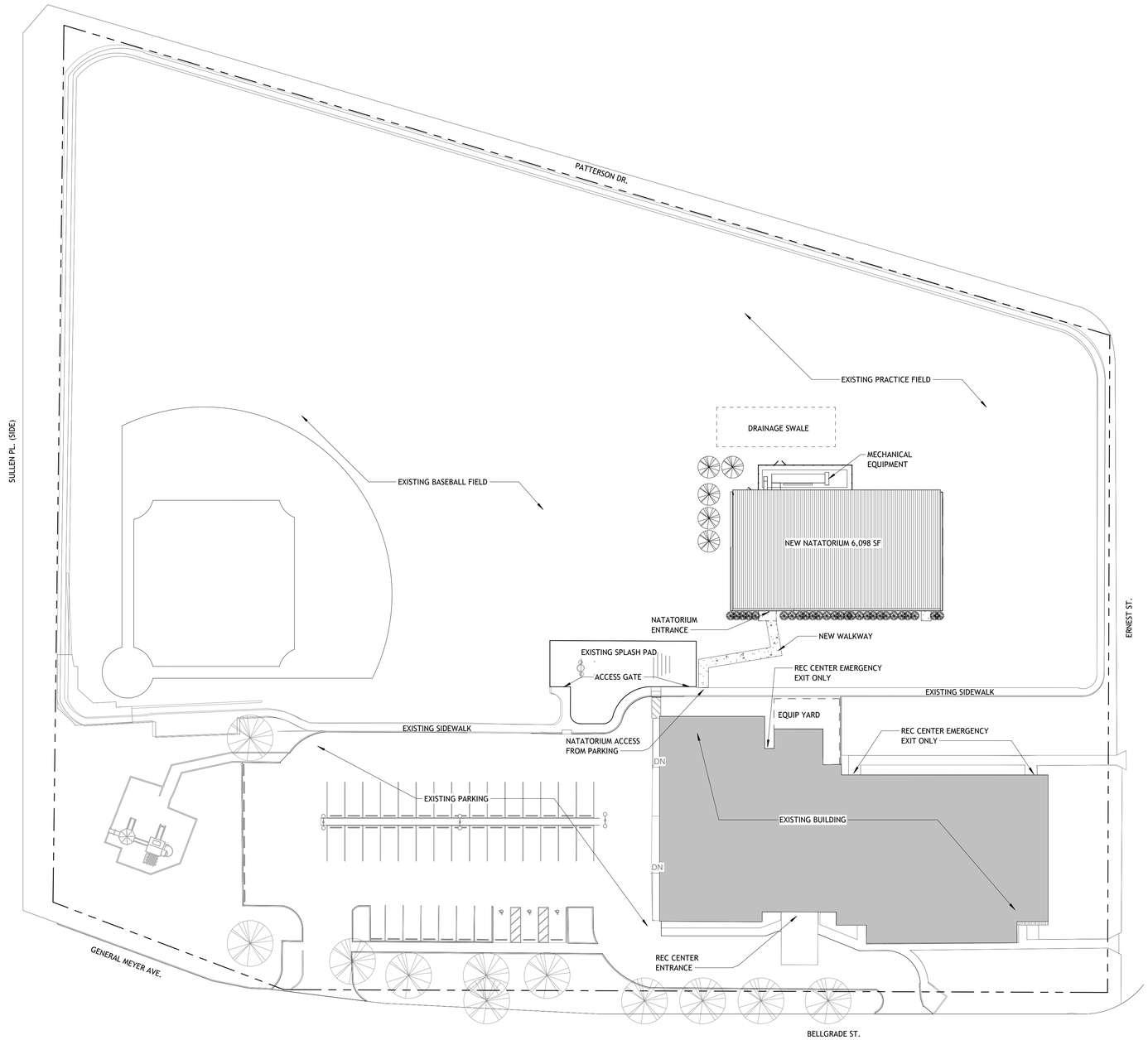
6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



SITE PLAN

1" = 30'-0"

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

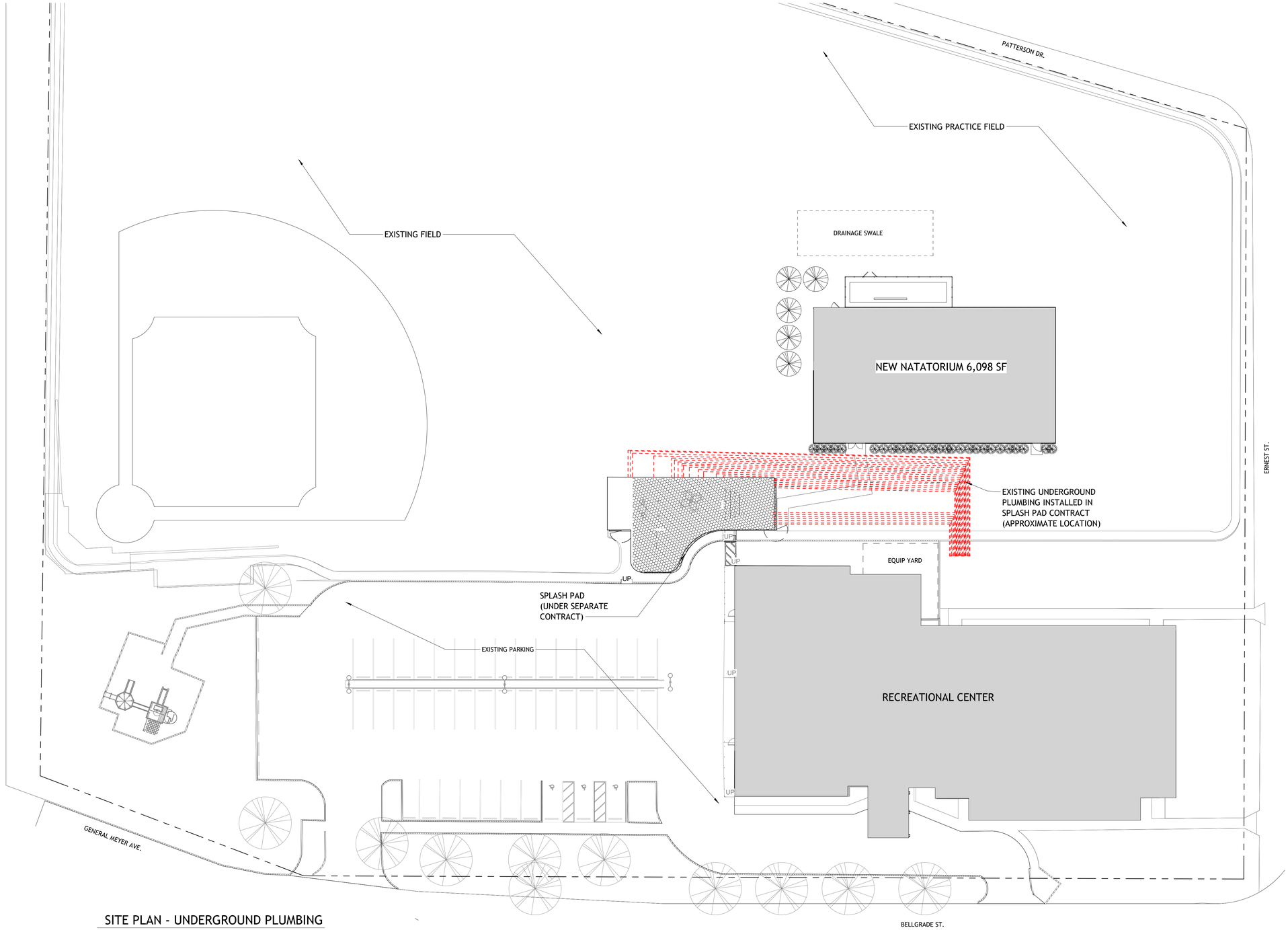
6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



SITE PLAN - UNDERGROUND PLUMBING

3/64" = 1'-0"

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



EXTERIOR RENDERING - VIEW FROM PARKING LOT

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS



INTERIOR RENDERING

algiers add development district

CUT-OFF REC. CENTER NATATORIUM

6550 BELGRADE ST.
NEW ORLEANS, LA
70131

41229.00

12/17/2025

LANDIS CONSTRUCTION

SIZELER THOMPSON BROWN ARCHITECTS

EXISTING SITE PHOTOS:





(PRIOR TO SPLASH PAD EQUIPMENT INSTALLATION)

CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

41229.00

10/28/2025

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

EXISTING SITE PHOTOS:





(PRIOR TO SPLASH PAD EQUIPMENT INSTALLATION)



CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

41229.00

10/28/2025

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

EXISTING SITE PHOTOS:

SPLASH PAD EQUIPMENT INSTALLED





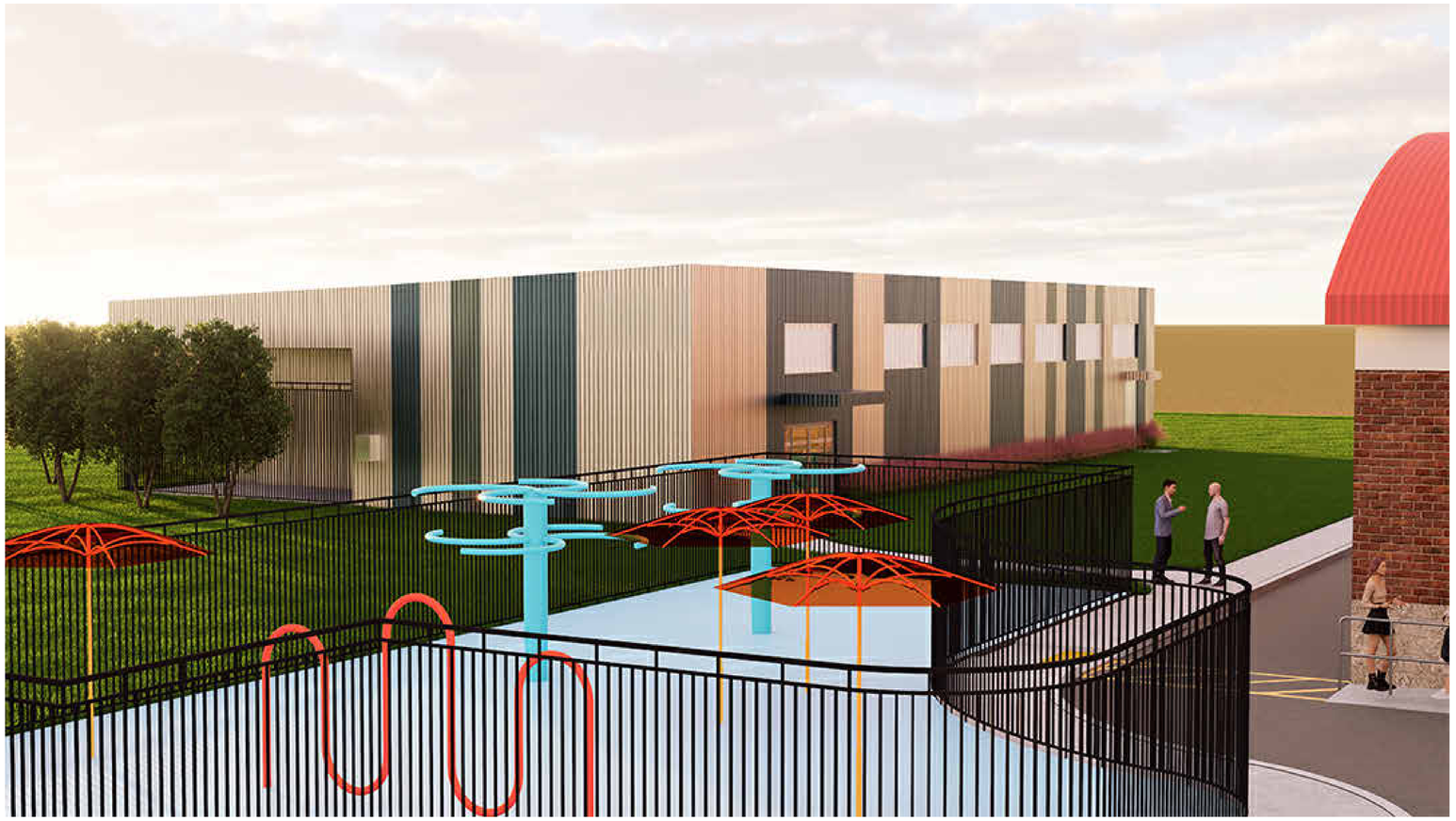


SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

11/10/2025 2:15:18 PM

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131



DESIGN/BUILDER

LANDIS CONSTRUCTION

8300 EARHART BLVD. #300
NEW ORLEANS, LOUISIANA 70118
(504) 833-6070

ARCHITECT

SIZELER THOMPSON BROWN ARCHITECTS

300 LAFAYETTE STREET, SUITE 200, NEW ORLEANS, LOUISIANA 70130, (504) 523-6472 FAX (504) 529-1181

CONSULTANTS

MECHANICAL/ELECTRICAL ENGINEER

YKH CONSULTING
3701 HESSMER AVE. METAIRIE, LA 70002, 504.264.5111

STRUCTURAL/CIVIL ENGINEER

SHRENK ENDOM & FLANAGAN
4227 BIENVILLE AVE. NEW ORLEANS, LA 70119, 504.482.7856

LANSCAPE ARCHITECT

DANA BROWN AND ASSOCIATES
1836 VALENCE ST. NEW ORLEANS, LA 70115

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

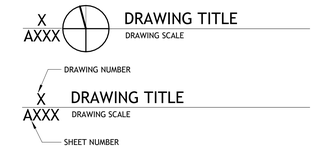
CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

TITLE SHEET

seal	project number	drawing number
	41229.00	G101
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:18 PM

SYMBOLS



PROJECT STATISTICS

REGULATORY AGENCIES

OFFICE OF STATE FIRE MARSHAL
8181 INDEPENDENCE BLVD.
BATON ROUGE, LA 70806
225.925.4911
NFPA LIFE SAFETY CODE - 2015 EDITION

CITY OF NEW ORLEANS DEPARTMENT OF SAFETY AND PERMITS
INTERNATIONAL BUILDING CODE - 2021 EDITION W/ CITY AMENDMENTS

LOCATION

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

ZONING

NEW ORLEANS COMPREHENSIVE ZONING ORDINANCE
OS-N - NEIGHBORHOOD OPEN SPACE DISTRICT
P - PARKLAND AND OPENSPACE (FUTURE LAND USE)

OCCUPANCY CLASSIFICATION

ASSEMBLY - NFPA 101 2015 EDITION
ASSEMBLY (A-4) - IBC 2021

CONSTRUCTION CLASSIFICATION

NFPA 2015 TYPE V(000) - NON SPRINKLERED
IBC 2021 - TYPE VB - NON SPRINKLERED

AREA

6,098 SF

STORIES

ONE

VICINITY MAP



SHEET INDEX

G101	TITLE SHEET
G102	CODE INFORMATION, SHEET INDEX, ETC.
G103	ADA DETAILS
G201	FIRE/LIFE SAFETY PLANS
---	SURVEY
C000	CIVIL GENERAL NOTES
C100	CIVIL SITE PLAN
C200	CIVIL SITE GRADING PLAN
C300	CIVIL SITE UTILITY PLAN
C400	CIVIL STORM WATER POLLUTION PROTECTION PLAN
C401	CIVIL STORM WATER POLLUTION PROTECTION DETAILS
C500	CIVIL SECTIONS AND DETAILS
C501	CIVIL SECTIONS AND DETAILS
L101	PLANTING PLAN
A101	SITE PLAN
A201	1ST FLOOR PLAN
A202	DIMENSION PLAN
A261	1ST FLOOR EQUIPMENT PLAN
A301	ELEVATIONS
A321	BUILDING SECTIONS
A351	WALL SECTIONS AND DETAILS
A401	ROOF PLAN
A601	1ST FLOOR REFLECTED CEILING PLAN
A701	1ST FLOOR FINISH PLAN
A801	INTERIOR ELEVATIONS
A901	PARTITION TYPES
A902	SCHEDULES AND DETAILS (DOORS AND WINDOWS)
S101	GENERAL NOTES
S102	SPECIAL INSPECTIONS
S201	FOUNDATION PLAN
S301	FOUNDATION DETAILS
S302	FOUNDATION DETAILS
M0.0	MECHANICAL LEGENDS, NOTES, AND SCHEDULES
M1.0	MECHANICAL PLAN
M2.0	MECHANICAL DETAILS
P0.0	PLUMBING LEGEND AND NOTES
P2.0	DOMESTIC PLUMBING PLAN
P2.1	SANITARY PLUMBING PLAN
P3.0	PLUMBING RISER
P4.0	PLUMBING DETAILS
E0.0	ELECTRICAL LEGEND AND ABBEVIATIONS
E0.1	ELECTRICAL NOTES
E1.0	ELECTRICAL SITE PLAN
E2.0	LIGHTING PLAN
E3.0	POWER AND DATA PLAN
E4.0	MECHANICAL POWER PLAN
E5.0	POWER RISER DIAGRAM
E6.0	ELECTRICAL DETAILS
E7.0	PANEL SCHEDULES

POOL DRAWINGS ARE INCLUDED FOR REFERENCE ONLY

SP1.00	POOL - EQUIPMENT SCHEDULES
SP1.01	POOL - GENERAL NOTES
SP2.00	POOL - SWIMMING POOL SITE LAYOUT
SP2.01	POOL - SWIMMING POOL PILE PLAN
SP3.00	POOL - SWIMMING POOL PLUMBING PLAN
SP4.00	POOL - SWIMMING POOL SECTION VIEWS
SP5.00	POOL - SWIMMING POOL DETAILS
SP5.01	POOL - SWIMMING POOL DETAILS
SP5.02	POOL - SWIMMING POOL DETAILS
SP5.03	POOL - POOL STRUCTURAL DETAILS
SP6.00	POOL - POOL EQUIPMENT ROOM

BUTLER MANUFACTURING METAL BUILDING DRAWINGS INCLUDED FOR REFERENCE ONLY (19 SHEETS)

GENERAL NOTES

A. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
B. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
C. THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
D. DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
E. VERIFY LOCATION OF ALL EQUIPMENT WITH THE ARCHITECT, PRIOR TO INSTALLATION.
F. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE WEEKLY.
G. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
H. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
I. WORK INDICATED AS 'NOT IN CONTRACT', 'NIC', OR 'BY OTHERS', SHALL BE PERFORMED BY OWNER'S SEPARATE CONTRACTORS. THE GENERAL CONTRACTOR SHALL COOPERATE TO THE FULLEST EXTENT WITH ALL OTHER CONTRACTORS AND ASSIST IN COORDINATING THE WORK BY SEPARATE CONTRACTORS WITH THE WORK OF THIS CONTRACT.
J. NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
K. A SURVEY IS INCLUDED HEREIN FOR REFERENCE ONLY. SIZELER THOMPSON BROWN ARCHITECTS ASSUMES NO LIABILITY FOR ERRORS OR OMISSIONS IN THIS DRAWING.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CODE INFORMATION, SHEET INDEX, ETC.

seal	project number	drawing number
	41229.00	G102
	date: 10/28/2025	
	phase: CD	

SIZELER
THOMPSON
BROWN
ARCHITECTS

November 10, 2025

City of New Orleans, City Planning Commission
CPCinfo@nola.gov

Re: **Algiers Development District, Cut-Off Recreation Center Natatorium**

Dear Members of the Design Advisory Committee:

The proposed design for the Cut-Off Recreation Center Natatorium complies with the Comprehensive Zoning Ordinance requirements and aligns with the design intent of the OS-N Neighborhood Open Space District, the CT Corridor Transformation Overlay District, and the Future Land Use designation of P – Parkland and Open Space. This new facility was carefully designed within the parameters of the available federal CDBG grant funding, ensuring that every design decision maximized value while providing the largest possible indoor, year-round aquatic facility for the community.

The natatorium features a pre-manufactured metal building enclosure with strategically placed translucent openings to bring in natural light. The fully conditioned interior environment allows NORD to operate the pool throughout the year—enhancing access to recreation, health, and wellness opportunities for both local residents and surrounding neighborhoods.

The exterior façade consists of corrugated metal panels, with colors selected to coordinate with the adjacent recreation center and the vibrant splash pad nearby. The base color of the new building matches the existing facility, while accent colors echo the playful tones of the splash pad equipment, creating a cohesive and welcoming visual connection across the site. While the material palette was limited to the standard options available from the metal building manufacturer to stay within the CDBG budget, thoughtful color selection ensures the building integrates seamlessly into its surroundings. The site design provides accessible connections between the existing parking areas, the recreation center, splash pad, and the new natatorium. The new building's placement, nestled between the existing facilities, maintains balance within the site and preserves the open, community-oriented character of the park. The massing and scale were intentionally designed to complement, rather than dominate, the existing structures.

The resulting design is contextually appropriate and resilient, providing NORD with a high-quality, year-round recreation facility that serves the neighborhood and reinforces the cohesive identity of the existing campus.

Sincerely,

Sizeler Thompson Brown Architects



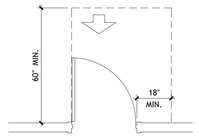
Clarissa Costa Lima, AIA, ACHA, EDAC
Associate

A Professional Corporation

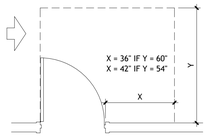
300 Lafayette Street
Suite 200
New Orleans, LA
70130

office (504) 523-6472

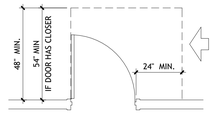
11/10/2025 2:15:19 PM



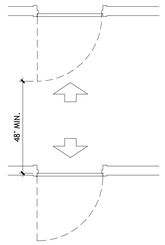
FRONT APPROACH PULL SIDE

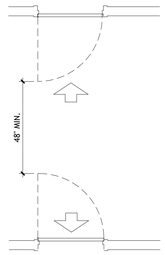


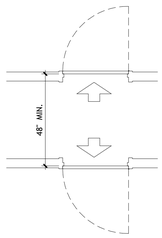
HINGE APPROACH PULL SIDE

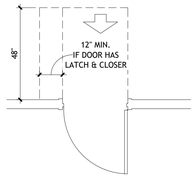


LATCH APPROACH PULL SIDE

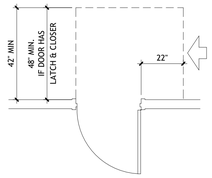




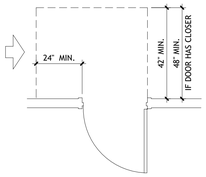




FRONT APPROACH PUSH SIDE



HINGE APPROACH PUSH SIDE

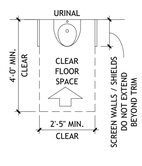


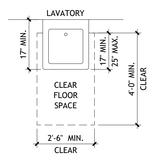
LATCH APPROACH PUSH SIDE

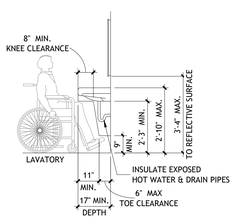
WATER CLOSET PLAN

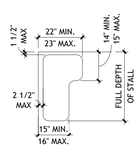
WATER CLOSET ELEVATION

WATER CLOSET ELEVATION

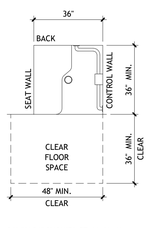




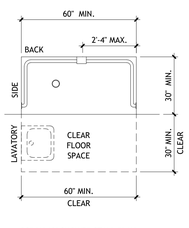




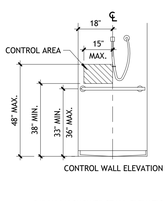
SHOWER SEAT DESIGN



36" BY 36" SHOWER STALL PLAN

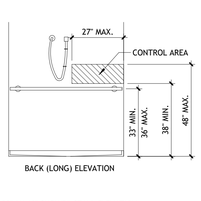


30" BY 60" SHOWER STALL PLAN



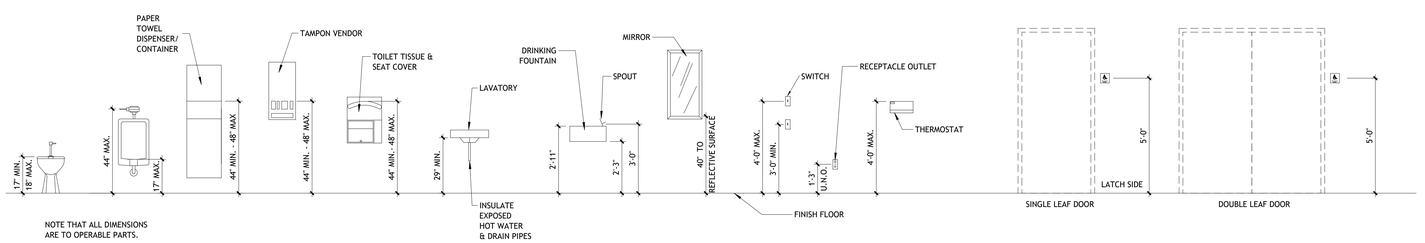
36" BY 36" SHOWER STALL ELEVATION

CONTROL WALL ELEVATION



30" BY 60" SHOWER STALL ELEVATION

BACK (LONG) ELEVATION



NOTE THAT ALL DIMENSIONS ARE TO OPERABLE PARTS.

1 G103 ADA DETAILS1
3/8" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

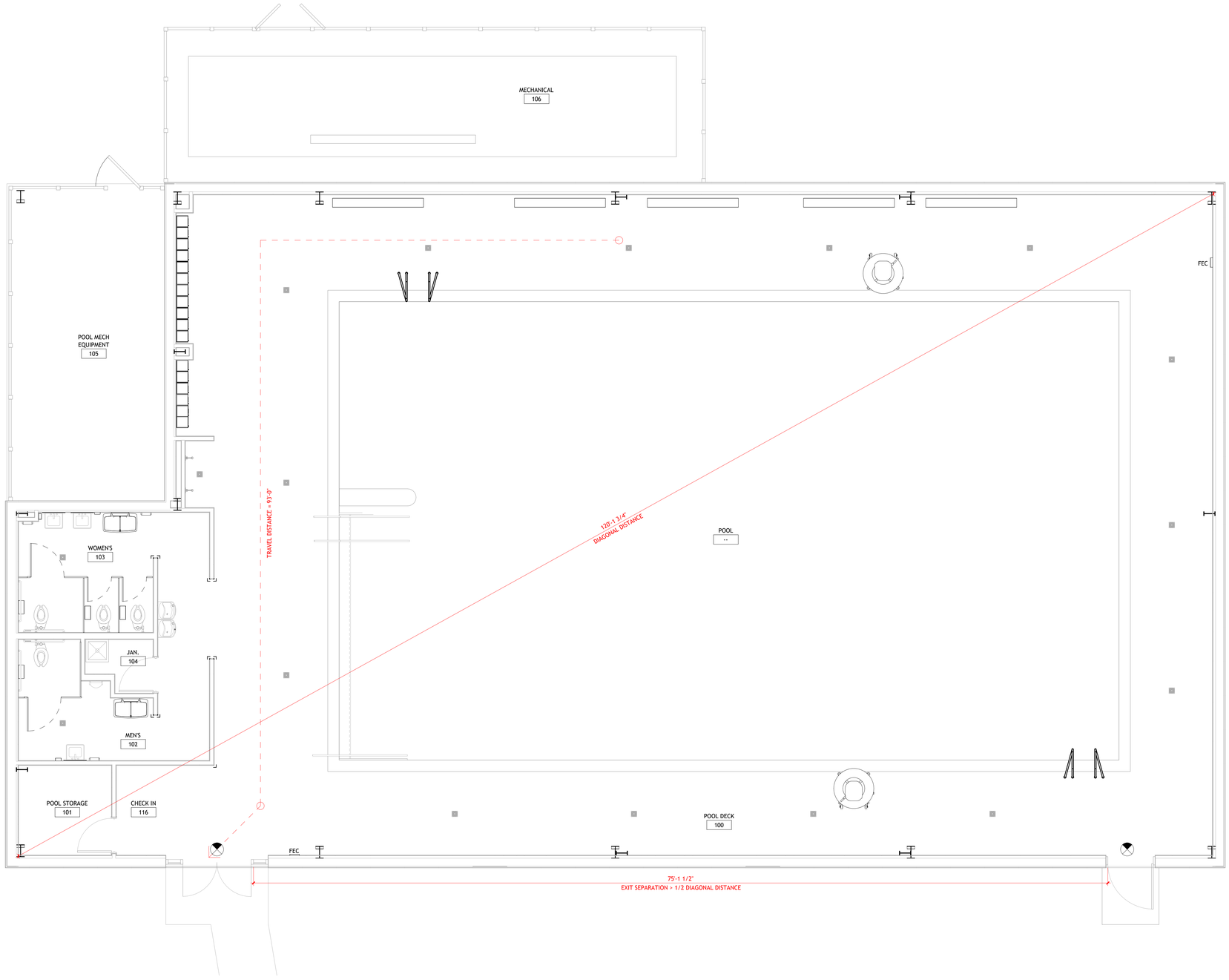
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

ADA DETAILS

seal	project number	drawing number
	41229.00	G103
	date: 10/28/2025	
	phase: CD	

11/10/2025 2:15:19 PM



1 G201 1ST FLOOR LIFE SAFETY PLAN
1/4" = 1'-0"

LIFE SAFETY PLAN LEGEND

- NEW 1 HOUR RATED WALL. SEE PARTITION SCHEDULE.
- NEW 2 HOUR RATED WALL. SEE PARTITION SCHEDULE.
- NEW 3 HOUR RATED WALL. SEE PARTITION SCHEDULE.
- FEC — RECESSED FIRE EXTINGUISHER CABINET
- (60) — DOOR RATING IN MINUTES (NR WHERE NOT RATED)

OCCUPANCY LOADS

BUILDING OCCUPANCY TYPE: ASSEMBLY

OCCUPANCY USE	SQUARE FOOTAGE	OCC. LOAD FACTOR	CAPACITY
SWIMMING POOL WATER SURFACE	2764	50	56
SWIMMING POOL DECK DECK AND CHECK IN	2527	15	169
ACCESSORY AREAS (restroom business occ.)	399	150	3
TOTAL BUILDING OCCUPANT LOAD			**228**

PLUMBING LOADS

TOTAL OCCUPANT LOAD 228

PLUMBING OCCUPANT LOAD MEN = 114 WOMEN = 114

ASSEMBLY	WATER CLOSETS(WC) MALE	WATER CLOSETS(WC) FEMALE	LAVATORIES MALE	LAVATORIES FEMALE	DRINKING FOUNTAINS
REQUIRED	2	3	1	1	1
PROVIDED	2	3	1	2	2

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

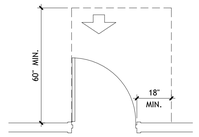
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

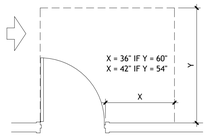
FIRE/LIFE SAFETY PLANS

seal	project number	drawing number
	41229.00	G201
	date 10/28/2025	
	phase CD	

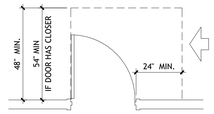
10/28/2025 1:47:48 PM



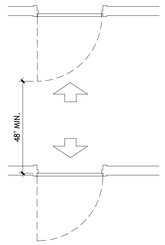
FRONT APPROACH PULL SIDE

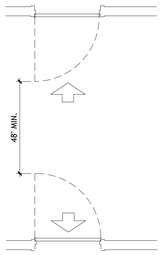


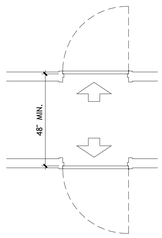
HINGE APPROACH PULL SIDE

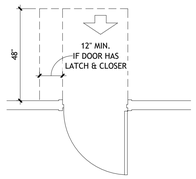


LATCH APPROACH PULL SIDE

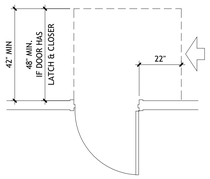




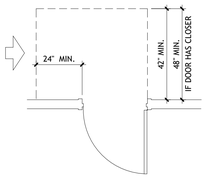




FRONT APPROACH PUSH SIDE



HINGE APPROACH PUSH SIDE

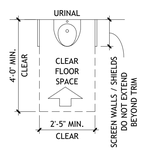


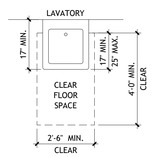
LATCH APPROACH PUSH SIDE

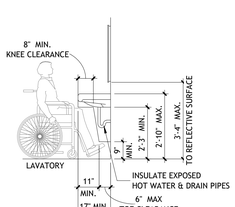
WATER CLOSET PLAN

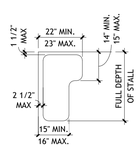
WATER CLOSET ELEVATION

WATER CLOSET ELEVATION

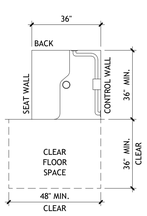




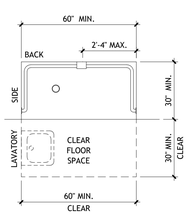




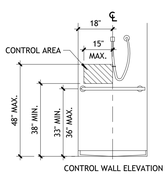
SHOWER SEAT DESIGN



36" BY 36" SHOWER STALL PLAN

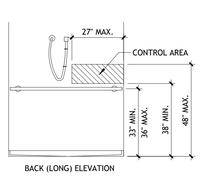


30" BY 60" SHOWER STALL PLAN



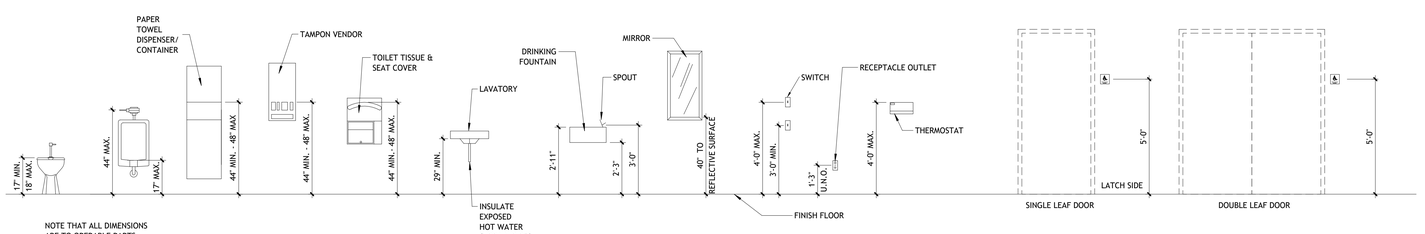
CONTROL WALL ELEVATION

36" BY 36" SHOWER STALL ELEVATION



BACK (LONG) ELEVATION

30" BY 60" SHOWER STALL ELEVATION



NOTE THAT ALL DIMENSIONS
ARE TO OPERABLE PARTS.

1 G103 ADA DETAILS1
3/8" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

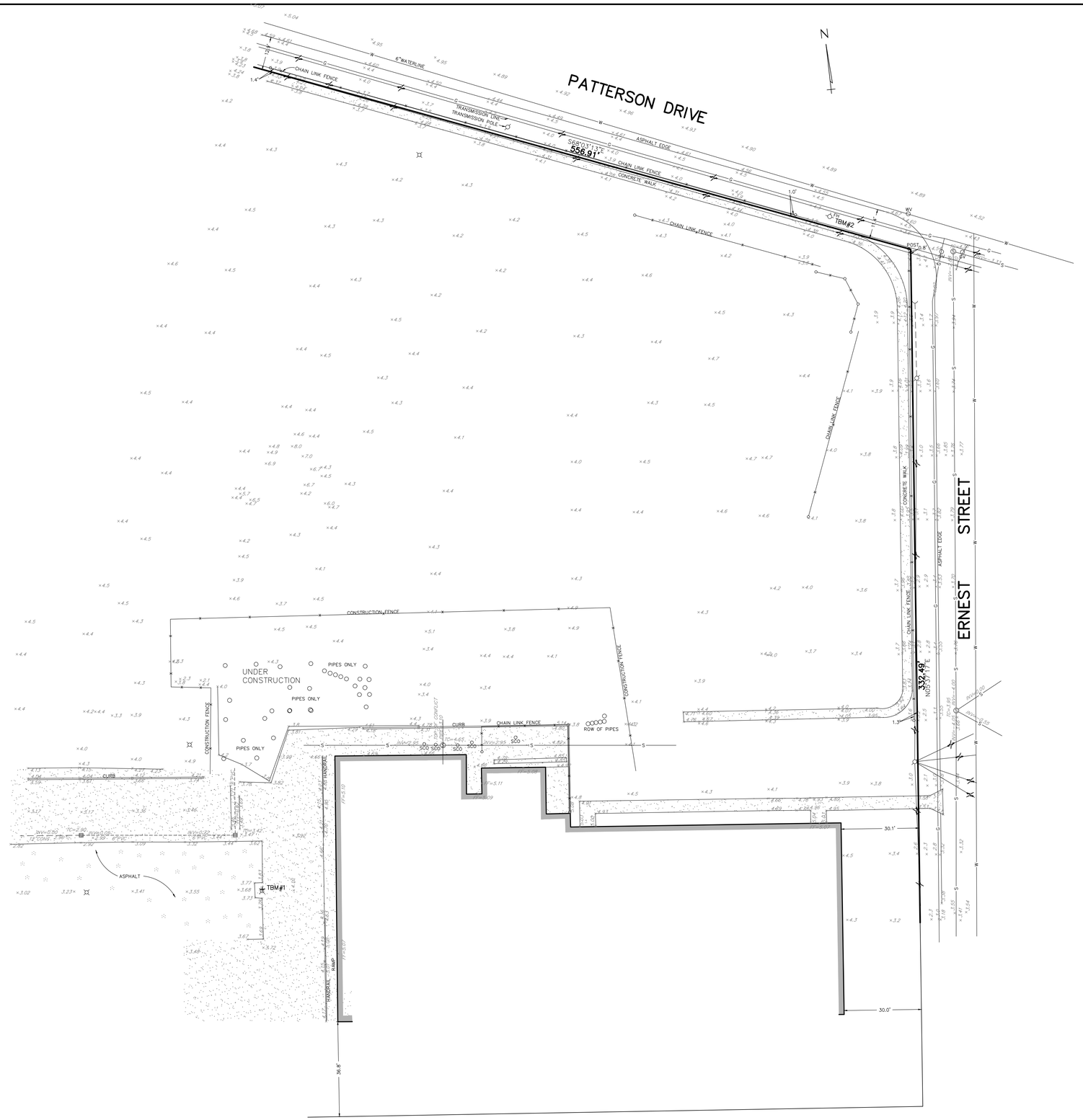
ADA DETAILS

seal: ALLEN D. OHLMEYER, REG. NO. 36911, STATE OF LOUISIANA, REGISTERED ARCHITECT

project number: 41229.00
date: 10/28/2025
phase: CD

drawing number: G103

FORMER LACOSTE PROPERTY
BELGARDE
FIFTH DISTRICT, NEW ORLEANS
ORLEANS PARISH, LA



SULLEN PLACE (SIDE)

ALL ELEVATIONS ARE IN FEET NAVD88
BASED ON GPS OBSERVATIONS (GEOID18)

THIS PROPERTY IS IN FEMA ZONE X, BFE=N/A
COMMUNITY NO. 225203, PANEL NO. 0261F
FIRM DATE: SEPTEMBER 30, 2015

TBM#1.: CROSS CUT ON LIGHT POLE WEST SIDE OF BUILDING
ELEV.: 5.97' NAVD

TBM#: THE LETTERS "NY" ON FIRE HYDRANT AT CORNER OF ERNEST STREET AND PATTERSON DRIVE
ELEV.: 6.94' NAVD

LEGEND

- OVERHEAD UTILITY LINES
- SEWER LINE
- GAS LINE
- WATER LINE
- SQUARE DRAIN INLET
- SEWER MANHOLE
- SEWER CLEANOUT
- GAS VALVE
- WATER VALVE
- FIRE HYDRANT
- POWER POLE
- ANCHOR/GUY WIRE
- LIGHT POLE
- ROUND FENCE POST

20 10 0 20
SCALE IN FEET

BEARINGS ARE BASED ON THE LOUISIANA COORDINATE SYSTEM OF 1983, SOUTH ZONE. BASED ON GPS OBSERVATIONS.

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED TO US, AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

The locations of underground and other nonvisible utilities shown hereon have been determined from data either furnished by the agencies controlling such data and/or extracted from records made available to us by the agencies controlling such records. Where found, the surface features of locations are shown. The actual nonvisible locations may vary from those shown hereon. Each agency should be contacted relative to the precise location of its underground installation prior to any reliance upon the accuracy of such locations shown hereon, including prior to excavation and digging.

REFERENCE:
-SURVEY BY McCAY & ASSOCIATES, LLC.
DATED NOVEMBER 3, 2020

OCTOBER 29, 2024
SURVEYED IN ACCORDANCE WITH THE LOUISIANA STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS C SURVEY, MADE AT THE REQUEST OF ALGIERS DEVELOPMENT DISTRICT.

STATE OF LOUISIANA
TILDON J. DUFRENE, JR.
License No. 04563
PROFESSIONAL
LAND SURVEYOR

DUFRENE SURVEYING & ENGINEERING INC.
1624 MANHATTAN BOULEVARD, HARVEY, LA 70058
504-368-6390 PH.
504-368-6394 FAX
dufrene@dufrenesurveying.com

T-6696-L
24-0517
ka algiers/belgrade/Cutoff-Playground(topo).dwg

GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF IMPROVEMENTS SHOWN SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS OF THE NO DEPARTMENT OF PUBLIC WORKS (DPW), THE STANDARDS AND SPECIFICATIONS OF THE NO SEWERAGE AND WATER BOARD (S&WB), AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS A CONFLICT BETWEEN THESE PLANS AND THE THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY.
2. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARDS, UNLESS SPECIFICALLY STATED OTHERWISE.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATIONS OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE CUTOFF RECREATION CENTER AND THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY DPW AND THE S&WB AT LEAST 48 HOURS PRIOR TO START OF ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
5. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE CUTOFF RECREATION CENTER, THE CITY, AND ALL UTILITY COMPANIES INVOLVED, WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION, AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB, ON SITE AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
8. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS, SHOWN ON THESE DRAWINGS, OR DESIGNATED TO BE PROVIDED, INSTALLED, OR CONSTRUCTED, UNLESS SPECIFICALLY NOTED OTHERWISE.
10. AS-BUILT DRAWINGS: THE CONTRACTOR SHALL FURNISH A SET OF AS-BUILT DRAWINGS UPON COMPLETION OF WORK AND PRIOR TO FINAL INSPECTION. THESE DRAWINGS SHALL BE A LEGIBLY MARKED SET OF PRINTS OF THE CONTRACT DOCUMENTS, REVISED TO SHOW CLEARLY ALL FIELD CHANGES.
11. ALL UTILITY FRAMES, COVERS, AND BOXES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE ADJUSTED TO FINISHED GRADE. FRAMES, COVERS, AND BOXES SHALL BE TILTED TO GENERALLY CONFORM TO TO THE SLOPE OF THE RAMP OR SIDEWALK WHERE FRAMES, ETC. FALL AT THE EDGE OF A RAMP OR SLOPE, ADJUST THE TILT HALFWAY BETWEEN RAMP SLOPE AND ORIGINAL ELEVATION AND WARP THE SURFACE OF THE RAMP TO BLEND INTO THE EDGE OF THE UTILITY FRAMES.
12. THE CONTRACTOR SHALL PROVIDE SURVEY ELEVATION CERTIFICATE FOR NEW BUILDING STRUCTURE AS REQUIRED BY THE CITY OF NEW ORLEANS.

EARTHWORK NOTES

1. SUBMITTALS: GEOTEXTILE, GEOGRID, TEST REPORTS FOR ALL SOIL MATERIALS INCLUDING STANDARD AND MODIFIED PROCTOR REPORTS AND SIEVE ANALYSIS.
2. BACKFILL/FILL/SUBBASE MATERIALS: IMPORTED SAND, SP SOIL CLASSIFICATION, FREE OF DEBRIS, WASTE AND OTHER DELETERIOUS MATERIALS HAVING NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING A U.S. STANDARD NO. 200 SIEVE. NOTE: MATERIALS FROM ON-SITE EXCAVATIONS SHALL NOT BE USED FOR ANY PURPOSE UNLESS APPROVED BY THE ENGINEER.
3. BASE MATERIALS (NON-PERMEABLE): 610 LIMESTONE IN ACCORDANCE WITH SECTION 1003.03(B) OF THE 2006 LOUISIANA STANDARDS SPECIFICATIONS FOR ROADS AND BRIDGES.
4. BASE MATERIALS (PERMEABLE): NO. 57 LIMESTONE IN ACCORDANCE WITH TABLE 1003-1 OF THE 2006 LOUISIANA STANDARDS SPECIFICATIONS FOR ROADS AND BRIDGES.
5. TOP SOIL AND BIO-RETENTION SOILS: REFERENCE LANDSCAPE PLANS FOR SPECIFICATIONS.
6. SITE PREPARATION: ESTABLISH ADEQUATE AND TEMPORARY DRAINAGE PRIOR TO EARTHWORK OPERATIONS. MAINTAIN ADEQUATE SURFACE DRAINAGE AWAY FROM ALL FOUNDATION AND FUTURE PAVEMENT AREAS.
7. CLEARING/STRIPPING/SUBGRADE PREPARATION: STRIP THE EXISTING GROUND OF VEGETATION, LOOSE TOPSOIL AND DEMOLITION DEBRIS. PROOF ROLL SUBGRADE WITH A BULLDOZER OR TRACKED VEHICLE EXERTING A GROUND PRESSURE OF APPROXIMATELY 10 PSI.
8. STABILITY OF EXCAVATIONS: SLOPE EXCAVATIONS TO COMPLY WITH OSHA REQUIREMENTS. SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED. SHORING DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
9. DEWATERING: OPERATE PUMPING EQUIPMENT CONTINUOUSLY AS REQUIRED TO KEEP EXCAVATIONS FREE OF WATER AND SUBGRADE DRY.
10. FILL, BACKFILL AND PAVEMENT BASE PLACEMENT: PLACE MATERIALS IN MAXIMUM 6 INCH LOOSE LIFTS AND COMPACT TO DENSITY INDICATED ON THE DRAWINGS. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE OPTIMUM MOISTURE CONTENT.
11. TESTING AND INSPECTION: A QUALIFIED INDEPENDENT GEOTECHNICAL TESTING LABORATORY SHALL PERFORM TESTING AND INSPECTION SERVICES THROUGHOUT CONSTRUCTION.
12. DENSITY TESTING BUILDING & PAVEMENT: PERFORM AT LEAST ONE FIELD DENSITY TEST FOR EVERY 1000 SQUARE FOOT OF PAVED AREA, BUT IN NO CASE FEWER THAN THREE TESTS PER INSTALLATION. TEST THE FIRST AND EVERY OTHER LAYER OF MATERIAL PLACED.
13. DENSITY TESTING TRENCH BACKFILL: PERFORM AT LEAST ONE TEST FOR EVERY 200-FEET OF TRENCH, BUT IN CASE FEWER THAN THREE TEST PER INSTALLATION.
14. DENSITY TESTING TRENCH BASE: PERFORM AT LEAST ONE TEST FOR EVERY 100-FEET OF TRENCH, BUT IN CASE FEWER THAN THREE TEST PER INSTALLATION.
15. DENSITY TESTING LANDSCAPE: NO TEST REQUIRED UNLESS REQUESTED BY OWNER, ARCHITECT OR ENGINEER.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE LOUISIANA PERMIT FOR STORM-WATER DISCHARGE.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL DOCUMENT THE CONDITION OF EXISTING INFRASTRUCTURE TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS NOT DOCUMENTED AS PRE-EXISTING. DOCUMENT CONDITION OF ADJACENT PUBLIC ROADWAYS, SIDEWALKS, DRIVEWAYS, UTILITY STRUCTURES, SITE BUILDING STRUCTURE(S), FENCING, ETC.
3. THE CONTRACTOR SHALL REMOVE EXISTING SIDEWALKS, DRIVEWAYS, AND PAVEMENT TO FULL DEPTH IN AREAS SHOWN ON THE DRAWINGS AND SHALL TAKE CARE NOT TO DAMAGE EXISTING PAVEMENT AND EXISTING CURBING AND PAVEMENT THAT IS TO REMAIN. THE CONTRACTOR SHALL PROTECT ALL ADJACENT ROADWAYS, SIDEWALKS, PROPERTIES, BUILDINGS, WALLS, FENCES, STEPS, ETC., FROM DAMAGE DUE TO DEMOLITION, REMOVAL AND CONSTRUCTION OF ITEMS REQUIRED BY THE CONTRACT DOCUMENTS.
4. REMOVAL OF MATERIALS ADJACENT TO ADJOINING STRUCTURES SHOULD BE DONE IN SUCH A MANNER SO AS NOT TO CAUSE DAMAGE BY DIRECT BLOWS, VIBRATIONS, OR OTHER METHODS OF DEMOLITION OR CONSTRUCTION. THE CONTRACTOR SHALL PROMPTLY REPAIR DAMAGES CAUSED BY ADJACENT FACULTIES BY DEMOLITION AND CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
5. THE CONTRACTOR SHALL MAINTAIN ALL PUBLIC ROADWAYS, SIDEWALKS, DRIVEWAYS, ETC. IN A CLEAN CONDITION DURING THE CONSTRUCTION PROJECT. ALL MUD, TRASH, DEBRIS, ETC. DEPOSITED ON SAID AREAS BY THE CONTRACTOR SHALL BE REMOVED DAILY, BEFORE THE END OF WORK OR MORE FREQUENTLY, AS NECESSARY TO MAINTAIN A CLEAN CONDITION.
6. EXISTING AND PROPOSED DRAINAGE STRUCTURES AND PIPING SHALL BE KEPT CLEAN OF SILT AND DEBRIS THROUGHOUT CONSTRUCTION. THE REMOVAL OF SILT AND DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR.
7. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND REQUIREMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS INCLUDING BUT NOT LIMITED TO HAZARDOUS MATERIALS, DISPOSAL, AND HOURS OF OPERATION.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE. IF A MARKER MUST BE REMOVED, IT SHALL BE REFERENCED BY A LICENSED LAND SURVEYOR AND REPLACED.
9. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CUTOFF RECREATION CENTER AND ALL UTILITY COMPANIES PRIOR TO DISRUPTING ANY SERVICE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVALS AND COMPLYING WITH ALL REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANIES AND THE CUTOFF RECREATION CENTER.
10. ALL EXISTING/ABANDONED SITE UTILITIES SHALL BE CUT AND CAPPED AT THE PROPERTY LINE.
11. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES.
12. WHERE ROOT PRUNING IS REQUIRED, THE CONTRACTOR SHALL HAVE A LICENSED ARBORIST ON SITE TO PERFORM PRUNING PRIOR TO EXCAVATION.
13. SITE DEMOLITION SHALL INCLUDE THE REMOVAL AND DISPOSAL OF EXISTING INFRASTRUCTURE (I.E. SIDEWALKS, DRIVEWAYS, ROADWAYS, UTILITIES,PILIING, TREES, ETC) AS REQUIRED TO INSTALL NEW WORK.
14. THE CONTRACTOR SHALL PROVIDE SAFEGUARDS, INCLUDING WARNING SIGNS, BARRICADES, FLAGMEN, TEMPORARY FENCING, WARNING LIGHTS, AND OTHER SIMILAR ITEMS THAT ARE REQUIRED FOR PROTECTION OF ALL PERSONS DURING DEMOLITION AND REMOVAL OPERATIONS.
    14.1. MAINTAIN SAFEGUARDS AROUND EXCAVATIONS UNTIL SUCH EXCAVATIONS HAVE BEEN COMPLETELY FILLED.
15. PREVENT SPREAD OF FLYING PARTICLES AND DUST. SPRINKLE RUBBISH AND DEBRIS WITH WATER TO KEEP DUST TO A MINIMUM. DO NOT USE WATER IF IT RESULTS IN HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS, BUT NOT LIMITED TO: ICE, FLOODING, OR POLLUTION.
16. MAINTAIN ACCESS TO EXISTING FIRE HYDRANTS AT ALL TIMES. PROHIBIT DEBRIS FROM ACCUMULATING WITHIN A 20-FOOT RADIUS OF FIRE HYDRANTS.
17. DEMOLITION DEBRIS IS THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LEGALLY ON A DAILY BASIS. MATERIAL THAT CANNOT BE REMOVED DAILY SHALL BE STORED IN AREAS APPROVED BY THE ARCHITECT & OWNER.
18. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF OPEN EXCAVATIONS. THE CONTRACTOR SHALL COMPLETELY FILL AND COMPACT VOIDS RESULTING FROM DEMOLITION OPERATIONS WITH APPROVED FILL IN ACCORDANCE TO BACKFILL AND COMPACTION REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. (I.E. VOIDS RESULTING FROM: PILE REMOVAL, TREE REMOVAL, UTILITY DEMOLITION, SIDEWALK AND PAVEMENT DEMOLITION,ETC.)
19. IF UNCHARTED PILES ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL DOCUMENT LOCATIONS AND SUBMIT AS-BUILT LOCATIONS TO THE ARCHITECT AND ENGINEER PRIOR TO PROCEEDING WITH WORK.
20. EXISTING PILE REMOVAL: CUT AND REMOVE PER THE FOLLOWING REQUIREMENTS:
    20.1. EXISTING PILES LOCATED BENEATH GRASS AND LANDSCAPE AREAS SHALL BE CUT AND REMOVED A MINIMUM 36" BELOW FINISHED GRADE.
    20.2. EXISTING PILES LOCATED BENEATH SLAB ON GRADE (NEW ROADWAYS, SIDEWALKS, AND PARKING AREAS) SHALL BE CUT AND REMOVED A MINIMUM 36" BELOW PAVING SUBGRADE.
    20.3. EXISTING PILES LOCATED BENEATH SITE UTILITIES SHALL BE CUT AND REMOVED A MINIMUM 36" BELOW BEDDING MATERIAL.

SITE NOTES

1. DIMENSIONS AND LAYOUT FOR CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT SEF ENGINEERS FOR CLARIFICATION.
2. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2%. NON-CONFORMING SLOPES WILL REQUIRE SIDEWALK REMOVAL AND REPLACEMENT.
3. ALL UTILITY FRAMES, COVERS, AND BOXES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE ADJUSTED TO FINISHED GRADE. FRAMES, COVERS, AND BOXES SHALL BE TILTED TO GENERALLY CONFORM TO TO THE SLOPE OF THE RAMP OR SIDEWALK WHERE FRAMES, ETC. FALL AT THE EDGE OF A RAMP OR SLOPE, ADJUST THE TILT HALFWAY BETWEEN RAMP SLOPE AND ORIGINAL ELEVATION AND WARP THE SURFACE OF THE RAMP TO BLEND INTO THE EDGE OF THE UTILITY FRAMES.
4. FOR RESURFACING OR ASPHALT REPAIR WORK, CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH AND/OR CHECK GUTTER BOTTOM GRADES TO ASCERTAIN POSITIVE DRAINAGE TO CATCH BASINS OR DROP INLETS WITHOUT PONDING WATER IN ROADWAYS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND SHALL REPORT DAMAGES TO THE UTILITY ENTITIES AND THE CUTOFF RECREATION CENTER IMMEDIATELY AFTER IT OCCURS. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. REPAIR COSTS SHALL BE BORNE BY THE CONTRACTOR.
6. SAW CUTTING SHALL BE REQUIRED AT SIDEWALKS, DRIVEWAYS, CURBS, CONCRETE AND ASPHALT PAVEMENT OR OTHER CONSTRUCTION AREAS TO INSURE A STRAIGHT LINE BETWEEN OLD AND NEW WORK.
7. SAW CUTS AT SIDEWALKS SHALL BE TO THE NEAREST JOINT IN ORDER TO RETAIN THE EXISTING PATTERN OF CONCRETE.
8. STREETS AND PARKING AREAS ADJACENT TO CONSTRUCTION SHALL BE KEPT CLEAN OF SILT AND DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND RESTORATION OF ALL SURFACES AND UTILITY SYSTEMS TO THE CONDITION THAT EXISTED PRIOR TO THE CONTRACT AWARD.

EXPLORATORY EXCAVATION REQUIREMENTS

1. EXPLORATORY EXCAVATIONS SHALL BE PERFORMED PRIOR TO ANY CONSTRUCTION ACTIVITY (FOR PRICING, ASSUME EXCAVATIONS ARE 8' WIDE x 8' LONG x 6' DEEP).
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE OF EXPLORATORY EXCAVATIONS.
3. PRIOR TO CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN STREET CUT PERMITS FROM THE CITY OF NEW ORLEANS. ALL WORK PERFORMED IN THE PUBLIC ROW SHALL BE IN ACCORDANCE WITH THE CITY OF NEW ORLEANS STANDARD DRAWINGS AND GENERAL SPECIFICATIONS.
4. UTILITIES EXPLORATION SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE CONTRACTOR TO CONDUCT A FIELD INVESTIGATION INCLUDING EXPLORATORY EXCAVATIONS IN ADVANCE OF CONSTRUCTION FOR THE PURPOSE OF DETERMINING THE EXISTING LOCATION, SIZE, AND DEPTH OF UNDERGROUND UTILITIES SHOWN OR IDENTIFIED ON THE DRAWINGS, ANY AND ALL MEETINGS WITH REPRESENTATIVES OF EACH UTILITY, AND FURNISHING THE INFORMATION TO THE ENGINEER. THIS WORK SHALL INCLUDE ALL TEST PIT EXCAVATIONS INCLUDING, SHORING, BACKFILLING WITH SAND, COMPACTION, DEWATERING, PAVEMENT REMOVAL AND REPLACEMENT, AND OTHER RELATED ITEMS.
5. EXPLORATORY EXCAVATIONS SHALL BE SECURE. SECURITY MEASURES SUCH AS FENCING, BARRICADES, LIGHTING, WATCHMAN, AND OTHERS MEASURES SHALL BE IN PLACE TO PROTECT THE GENERAL PUBLIC. EXPLORATORY EXCAVATIONS SHALL NOT BE LEFT OPEN OVERNIGHT. CRUSHED LIMESTONE (610 GRADATION) SHALL BE USED FOR TEMPORARY SURFACING.
6. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED PLAN REVISIONS WITH ENGINEER IN ADVANCE OF CONSTRUCTION.
7. THE CONTRACTOR SHALL SUBMIT AS-BUILT SKETCH(S) TO THE ENGINEER. SKETCHES SHALL INCLUDE:
    a. IDENTIFY OBSTRUCTIONS AND UTILITIES ENCOUNTERED.
    b. HORIZONTAL LOCATION(S), DIMENSTION(S) AND SIZE(S) OF EXISTING OBSTRUCTIONS AND UTILITIES ENCOUNTERED. LOCATIONS SHALL BE ACCURATELY SHOWN (TO SCALE) ON THE PROJECT SURVEY.
    c. VERTICAL ELEVATION - TOP AND BOTTOM OF OBSTRUCTIONS AND UTILITIES ENCOUNTERED (PER THE SURVEY DATUM - NAVD).

CITY OF NEW ORLEANS "DEPARTMENT OF PUBLIC WORKS" NOTES

1. PERMITS FROM THE DEPARTMENT OF PUBLIC WORKS ARE REQUIRED BEFORE ANY CONSTRUCTION STARTED ON THE CITY RIGHT OF WAYS. WORK ON SIDEWALKS AND STREETS SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY STANDARD DRAWINGS (STD-1 THRU STD-15) AND GEN. SPECIFICATIONS (LATEST EDITION). THE CONTRACTOR SHALL OBTAIN STANDARD DRAWINGS AND GENERAL SPECIFICATIONS FROM THE CITY OF NEW ORLEANS DEPARTMENT OF PUBLIC WORKS PRIOR TO BIDDING AND CONSTRUCTION.
2. CURB CUT PERMIT AND RESTORATION OF EXISTING CURBS: THE CONTRACTOR MUST APPLY FOR A CURB CUT PERMIT FOR ANY NEW CURB CUT ON CITY RIGHT OF WAY. AT THE TIME OF CONSTRUCTION, ANY CURB CUTS IN FRONT OF COMMERCIAL PROPERTIES THAT ARE WIDER THAN 24 FEET MUST BE RESTORED TO 24 FEET OR LESS. EXISTING CURB CUTS THAT ARE NOT USED FOR DRIVEWAYS MUST BE REMOVED AND THE CURB AREA RESTORED ACCORDING TO CITY STANDARD DWGS. & SPECIFICATIONS.
3. UTILITY CUT PERMIT: THE CONTRACTOR MUST OBTAIN A UTILITY CUT PERMIT BEFORE ANY EXCAVATION IN THE CITY RIGHT OF WAYS (SEE NOTE 1. ABOVE) AND NOTIFY THE DEPARTMENT OF PUBLIC WORKS MAINTENANCE DIVISION FOR UTILITY TIE-IN.
4. SIDEWALK AND ADA RAMPS: SIDEWALKS AND ADA RAMPS ARE TO BE IN COMPLIANCE WITH THE ADA FEDERAL REGULATIONS. THE CONTRACTOR MUST COMPLETE SIDEWALK NOTIFICATION FORM WITH THE DEPARTMENT OF PUBLIC WORKS BEFORE THE CONSTRUCTION.

CONCRETE & REINFORCING NOTES

1. SUBMITTALS: WELDED WIRE FABRIC, JOINT ASSEMBLIES, EXPANSION JOINT MATERIAL, CURING COMPOUND, CONCRETE MIX DESIGN, MANUFACTURES PRODUCT DATA, TEST REPORTS AND MATERIAL(S) CERTIFICATIONS.
2. CONCRETE MIX: READY MIX, COMPRESSIVE STRENGTH = 4000 PSI @ 28 DAYS, TYPE 1 PORTLAND CEMENT, FLY ASH TYPE C (20% MAX.), WATER CEMENT RATIO = 0.45, SLUMP = 8 INCHES FOR CONCRETE CONTAINING SUPER PLASTICIZER, 3 INCHES FOR OTHER CONCRETE, AIR CONTENT = 2 TO 4%, FLEXURED STRENGTH = 650 PSI @ 28 DAYS.
3. REINFORCING STEEL: REINFORCING BARS - STEEL BARS, ASTM A615, GRADE 60. WELDED WIRE FABRIC - ASTM A 185, GRADE 60. LOCATION, SUPPORT AND ARRANGEMENT AS INDICATED DRAWINGS.
4. CONCRETE FINISH: COMPLY WITH ACI 306 FOR COLD AND HOT-WEATHER PLACEMENT. NON-SLIP LIGHT BROOM FINISH & TOOL EDGES FOR CURBS.
5. TESTING: SAMPLE FRESH CONCRETE PER ASTM C172, SLUMP PER ASTM C 143, COMPRESSIVE TEST PER ASTM C 39

UTILITY NOTES

1. SUBMITTALS: WATER PIPING, SEWER PIPING, DRAINAGE PIPING, PRECAST CONCRETE AND PLASTIC DRAINAGE STRUCTURES, CLEANOUTS, CONCRETE SPLASH PADS, AND UTILITY CASTINGS.
2. WATERLINES SHALL HAVE MINIMUM 3.5 FEET OF COVER.
3. WATERLINES SHALL BE CONSTRUCTED A MINIMUM 6 FEET HORIZONTAL FROM SEWER AND DRAINAGE IMPROVEMENTS. WHERE WATERLINES CROSS UNDER SANITARY AND DRAINAGE UTILITIES, PROVIDE A MINIMUM 18" CLEAR SEPARATION. WHERE WATERLINES CROSS OVER SANITARY AND DRAINAGE UTILITY, PROVIDE A MINIMUM 12" CLEAR SEPARATION.
4. THE CONTRACTOR SHALL SEQUENCE THE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM AND SANITARY SEWER (GRAVITY FLOW) UTILITIES SHOULD BE CONSTRUCTED PRIOR TO THE INSTALLATION OF OF WATERLINES AND DRY UTILITIES.
5. STORM DRAINAGE PIPING (SOLID WALL AND PERFORATED): PVC CONFORMING TO ASTM F949 AND F794. (A-2000 BY CONTECH OR APPROVED EQUAL)
6. SANITARY PIPING: SOLID WALL SCHEDULE 40 PVC ON PRIVATE PROPERTY, SDR-26 PVC WITHIN PUBLIC RIGHT-OF-WAY.
7. WATER PIPING: POLYETHYLENE PE 3406 OR PE 3408 OR TYPE "K" COPPER CONFORMING TO LATEST ISSUE OF ASTM D-2737 & D-1248 FOR TYPE III OR IV GRADE P-34 CLASS C.
8. PVC DRAIN BASINS AND INLINE DRAINS: NYLOPLAST.

S&WB STANDARD NOTES FOR UTILITY CONNECTIONS

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH S&WB GENERAL SPECIFICATIONS, S&WB STANDARD DRAWINGS, AND S&WB DRAWING NO. 7260-SWD.
2. CONTRACTOR SHALL CONTACT THE S&WB CONSTRUCTION ADMINISTRATION AND INSPECTION DEPARTMENT (CA&I) AT 504-865-0445 A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION. INSPECTION FEES SHALL BE PAID FOR BY THE CONTRACTOR.
3. CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB AT THE TIME OF APPLICATION:
    A. LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTOR'S LICENSE
    B. DEPARTMENT OF PUBLIC WORKS UTILITY/SERVICE CUT PERMIT (HTTPS://WWW.NOLA.GOV/ONESTOP/BUILDING/STREET/STREET-CUT-PERMIT/)
    C. CERTIFICATE OF INSURANCE INDEMNIFYING THE S&WB IN THE AMOUNT NO LESS THAN $5,000,000
4. ANY WORK OUTSIDE OF THE PUBLIC RIGHT OF WAY MUST BE REVIEWED AND APPROVED BY THE S&WB PLUMBING DEPARTMENT (504-585-2160) TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF S&WB NETWORKS ENGINEERING DOES NOT RELIEVE THE CONTRACTOR OF THIS OBLIGATION.

SIZELER THOMPSON BROWN ARCHITECTS
SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL GENERAL NOTES

seal	project number	drawing number
	41229.00	C000
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C000.dwg Views= C000, Oct 28,2025 - 10:52am busner

LEGEND

- HEAVY DUTY CONCRETE PAVEMENT PER 1/C500
- CONSTRUCT CONCRETE SIDEWALK PAVEMENT PER 2/C500
- CONSTRUCT ASPHALT PAVEMENT PER 12/C500
- WATER VALVE (SEE C300 UTILITY PLAN)
- CO — SEWER OR DRAIN CLEAN OUT (SEE C300 UTILITY PLAN)
- DRAIN MANHOLE (SEE C300 UTILITY PLAN)
- DRAIN INLET (SEE C300 UTILITY PLAN)

SCALE 1" = 20'-0" HORIZ.

PATTERSON DRIVE

N67°57'40"W
551.61'
556.91' PLAN

CHAIN LINK FENCE
TRANSMISSION LINE
TRANSMISSION POLE
ASPHALT EDGE
CONCRETE WALK
TBM#2
WV
POST
CHAIN LINK FENCE

DRAINAGE SWALE PER 11/C500
HYDROSEED SURFACE WITH GRASS & SEED MULCH MIXTURE
60.0'
20.00'
10.10'
22.82'
GRAVEL WALKWAY SEE DETAIL 2/C501
2'X1'X2" CONCRETE SPLASH BLOCK FOR ROOF DOWNSPOUT DRAINS (TYP.). SEE ARCH. PLANS FOR EXACT LOCATIONS
PROPOSED NATATORIUM
14.10'
9.00'
4.88'
5.00'
5.84'
13.01'
37.37'
38.14'
17.18'
33.95'
17.00'
14.92'
0.69'
5.00'
4.00'
UNDER CONSTRUCTION
DN
CONCRETE WALK
CHAIN LINK FENCE
SCO
HANDRAIL
RAMP

3.72'
5.00'
0.9'
5.00'
6.78'
REMOVE AND REPLACE ASPHALT PAVING PER 12/C500
FULL DEPTH SAW-CUT
CONCRETE WALK
CHAIN LINK FENCE
CONCRETE WALK
ASPHALT EDGE
S55°42'52"W
332.49'
ERNEST STREET

REMOVE AND REPLACE CONC. SIDEWALK PER 2/C500
REMOVE AND REPLACE CONC. CURB PER 3/C500
REMOVE AND REPLACE CONC. PANELS PER 1/C500
FULL DEPTH SAW-CUT AT NEAREST JOINT (TYP.)
10.00'
CURB
3.8'
25.0'
CONCRETE
ASPHALT
TBM#1
PLAY AREA
CONCRETE PARKING
PROPERTY LINE
20'

ENCE NOT SHOWN
S63°42'29"E
124.88'
116.29' PLAN
CROSS CUT
S84°17'08"E
416.48'
424.03' PLAN
½" IRON ROD SET
3/4" IRON PIPE FOUND
BELGARDE STREET

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C100.dwg View= C100, Oct 28,2025 - 10:58am bushner

SIZELER THOMPSON BROWN ARCHITECTS
SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date
1	DD ADDENDUM 01	09-17-25

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL SITE PLAN

seal	project number	drawing number
	41229.00	C100
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

LEGEND

X.XX	PROPOSED FINISHED GRADE ELEVATION
X.XX TOC	PROPOSED FINISHED GRADE AT TOP OF CASTING
ME	MATCH EXISTING
BJ	BUTT JOINT PER 1/C501
EJS	PROPOSED EXPANSION JOINT (SIDEWALK) PER 2/C500
- - - - -	1/2 INCH PREMOLDED JOINT MATERIAL TOPPED WITH SEALANT

SCALE 1" = 20'-0" HORIZ.

PATTERSON DRIVE

N67°57'40"W
551.61'
556.91' PLAN

6"WATERLINE

CHAIN LINK FENCE

OVERHEAD ELEC. TRANSMISSION POLE

ASPHALT EDGE

4'6" CONCRETE WALK

TBM#2

PROPOSED DRAIN INLET TOC = ±4.00 ME

PROPOSED NATATORIUM

FFE = 7.00

PROPOSED No.1 DRAIN MANHOLE TOC = ±4.2 ME

UNDER ADJACENT SPLASH PAD ELEV.=4.98

PIPES ONLY

±4.30 ME

ROW OF PIPES

CONCRETE WALK

±ME

CURB

CONCRETE

ASPHALT

TBM#1

PLAY AREA

CONCRETE PARKING

PROPERTY LINE

ERNEST STREET

S55°42'32"W
332.49'

FENCE NOT SHOWN

S63°42'28"E
124.88'
116.29' PLAN

CROSS CUT

S84°17'08"E
416.48'
424.03' PLAN

½" IRON ROD SET

3/4" IRON PIPE FOUND

BELGARDE STREET

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C200.dwg Views: C200, Oct 28,2025 - 11:04am bsaner

SIZELER THOMPSON BROWN ARCHITECTS

SIZELER THOMPSON BROWN ARCHITECTS

300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date
1	DD ADDENDUM 01	09-17-25

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL SITE GRADING PLAN

seal	project number 41229.00	drawing number C200
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

LEGEND

- PROPOSED DRAIN INLET PER 13/C500
- CO — PROPOSED DRAIN/SEWER CLEAN OUT PER 9/C500
- PROPOSED DRAIN MANHOLE PER 10/C500
- PROPOSED PVC DRAIN LINE PER 8/C500
- W — PROPOSED WATER LINE PER 6/C500
- S — PROPOSED SEWER LINE PER 7/C500
- TOC — TOP OF CASTING
- INV — INVERT
- S — SLOPE
- L — LENGTH
- ME — MATCH EXISTING
- WATER VALVE PER 5/C500

SCALE 1" = 20'-0" HORIZ.

PATTERSON DRIVE

N67°57'40"W
551.61'
556.91' PLAN

6"WATERLINE

CHAIN LINK FENCE

OVERHEAD ELEC. TRANSMISSION POLE

ASPHALT EDGE

CONCRETE WALK

TBM#2

DRAINAGE SWALE PER 11/C500

DRAIN INLET
TOC = 4.00
INV.= 0.63

6"Ø PERFORATED PVC DRAIN
L=59', S=1.0%

SEE PLUMBING FOR DRAIN CONNECTION
MIN. INVERT = 0.68

6"Ø PVC DRAIN
L=34', S=0.5%

12" PVC DRAIN
L=188, S=0.25%

PROPOSED NATATORIUM

SEE PLUMBING FOR
SEWER LINE
CONTINUATION

SEE PLUMBING FOR
WATER LINE
CONTINUATION

6" SCH 40 PVC SEWER
L=81', S=4.3%

2 .5"Ø HDPE
WATER LINE
+/-L=70'

No.1 DRAIN MANHOLE
TOC = 4.20
INV.= 0.16

8" PVC DRAIN
L=46', S=0.25%

UNDER
CONSTRUCTION

PIPES ONLY

DN

6" SDR26 PVC SEWER
L=27, S=4.3%

TIE PROPOSED
SEWER INTO
EXISTING M.H.
AT INV. = -0.75

PROPOSED 2 .5"Ø WATER VALVE

TIE PROPOSED 2.5" Ø WATER LINE
INTO EXIST. 2.5" Ø WATERLINE
WITH 2.5" Ø TEE

TIE PROPOSED DRAIN LINE INTO
EXISTING INLET AT EXIST. INV. = 0.05

CONCRETE

ASPHALT

TBM#1

PLAY AREA

CONCRETE PARKING

PROPERTY LINE

ERNEST STREET

S55°42'50"W
332.49'

FENCE NOT SHOWN
S63°42'29"E
124.88'
116.29' PLAN

CROSS CUT

S84°17'08"E
416.48'
424.03' PLAN

¾" IRON
ROD SET

BELGARDE STREET

3/4" IRON
PIPE FOUND

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date
1	DD ADDENDUM 01	09-17-25

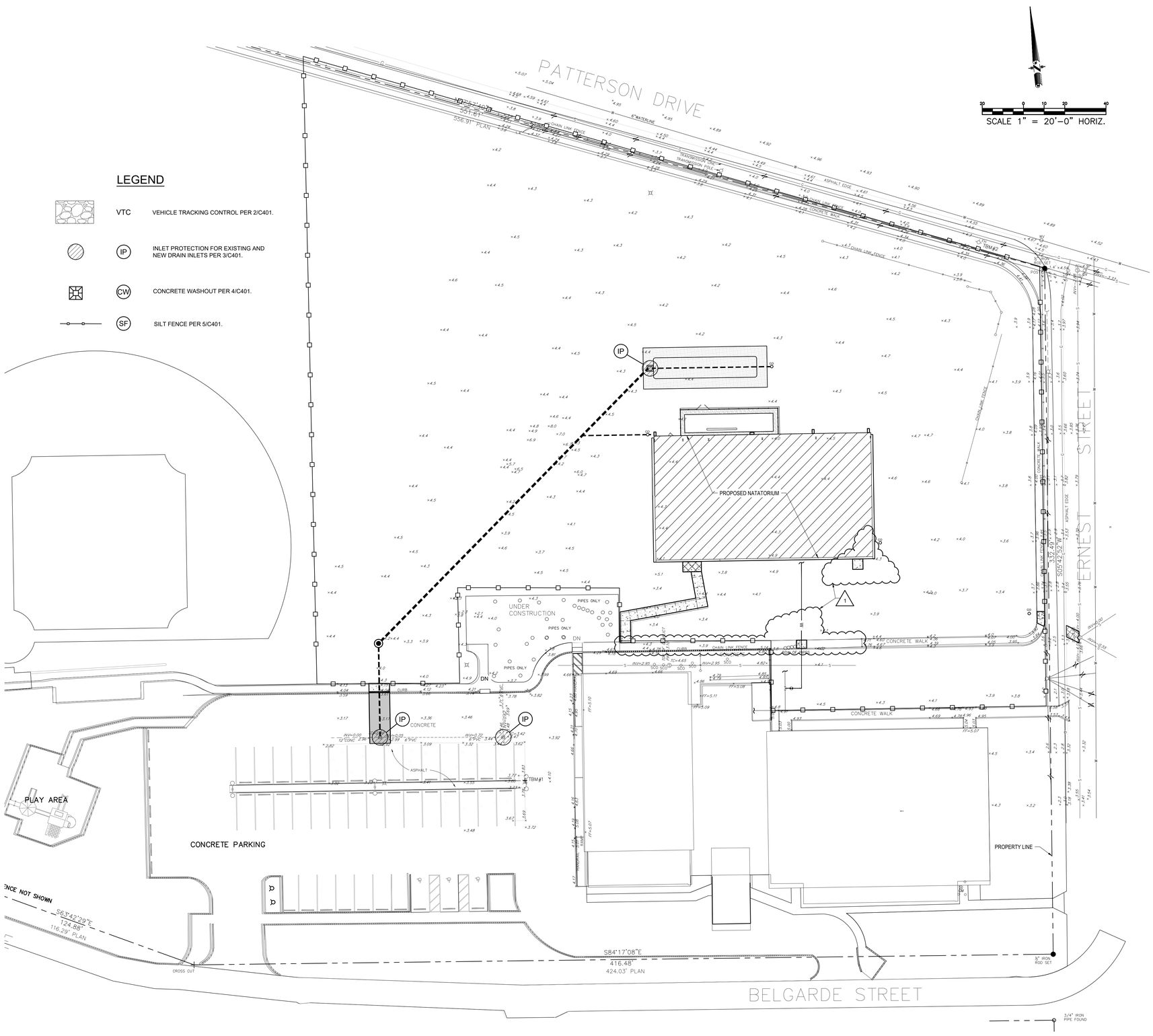
CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL SITE UTILITY PLAN

seal	project number	drawing number
	41229.00	C300
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C300.dwg View= C300, Oct 28,2025 - 10:59am buster



E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C400-401.dwg View: C400, Oct 28,2025 - 10:55am busner

SIZELER THOMPSON BROWN ARCHITECTS

300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

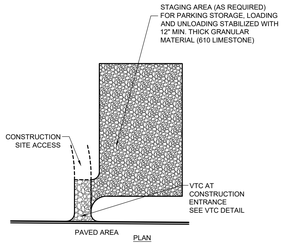
No.	Description	Date
1	DD ADDENDUM 01	09-17-25

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL STORM WATER POLLUTION PROTECTION PLAN

seal	project number	drawing number
	41229.00	C400
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	



PLAN

STABILIZED STAGING AREA INSTALLATION NOTES

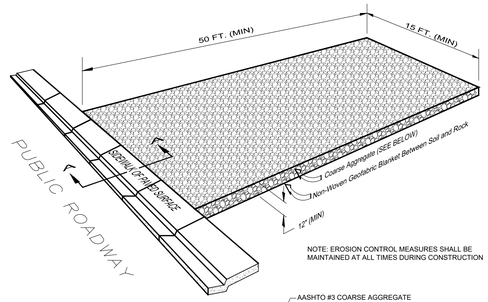
1. SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH APPROVAL FROM ARCHITECT AND OWNER.
2. STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
3. SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
4. STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.

STABILIZED STAGING AREA MAINTENANCE NOTES

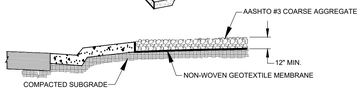
1. THE STORM WATER MANAGEMENT PLAN "SWMP" MANAGER SHALL INSPECT THE STABILIZED STAGING AREA WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SWMP MANAGER SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
3. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
4. ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
5. THE STABILIZED STAGING AREA SHALL BE REMOVED AND DISPOSED OF AT THE END OF CONSTRUCTION. APPLY TOP SOIL, SEEDED AND MULCH AREA OR AS OTHERWISE SPECIFIED.

1 / C4.2 STABILIZED STAGING AREA (SSA)

N.T.S.



NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION



SECTION A-A

NTS

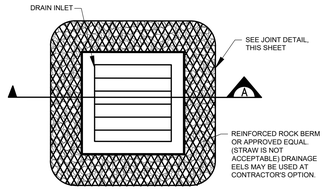
NOTES:

1. ALL ROCK TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.
2. PUBLIC ROADWAY TO BE KEPT CLEAN AND FREE OF MUD, DIRT, AND DEBRIS AT ALL TIMES.

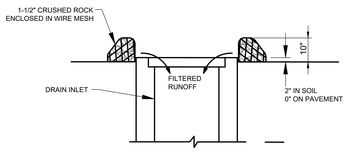
VTC

2 / C4.2 TEMPORARY VEHICLE TRACKING CONTROL

N.T.S.



AREA INLET - PLAN



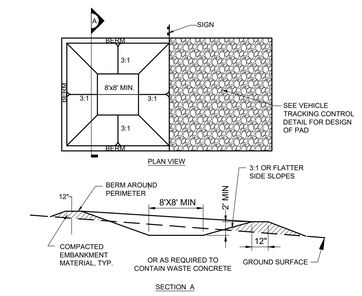
SECTION A

INLET PROTECTION INSTALLATION NOTES:

1. INLET PROTECTION SHALL BE INSTALLED ON NEW AND EXISTING DRAINAGE INLETS AT ALL TIMES DURING CONSTRUCTION.
2. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES).
3. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE". ROLL WIDTH SHALL BE 48-INCHES.
4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6-INCH CENTERS ALONG ALL JOINTS AND AT 2-INCH CENTERS ON ENDS OF BERM.
5. REINFORCED ROCK BERM SHALL BE CONSTRUCTED IN ONE PIECE OR SHALL BE CONSTRUCTED USING JOINT DETAIL.
6. THE TOP OF REINFORCED ROCK BERM SHALL BE 1/2"-1" BELOW TOP OF CURB.

3 / C4.2 EROSION CONTROL DETAILS FOR DRAINAGE STRUCTURES (IP)

N.T.S.



CONCRETE WASHOUT AREA INSTALLATION NOTES

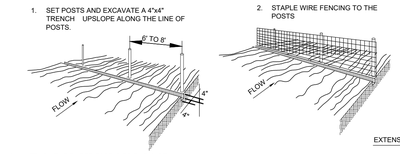
1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE. (NOTE: WASHOUT DUMPSTER MAY BE USED AT CONTRACTOR'S OPTION.)
2. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
3. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
4. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE ARCHITECT.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.

4 / C4.2 CONCRETE WASHOUT AREA (CW)

N.T.S.



EXTENSION OF FABRIC INTO THE TRENCH

CONSTRUCTION OF TEMPORARY SILT FENCING

SILT FENCE NOTES

1. SILT FENCE SHALL BE FURNISHED AND CONSTRUCTED AS DESIGNATED. SEE PLAN FOR LOCATIONS.
2. FILTER FABRIC "WIRE SUPPORTED" - TYPE F, PER LA DOTD SPEC., TABLE 1019-1.
3. WIRE - STANDARD WOVEN LIVESTOCK WIRE, 14-GAGE MINIMUM, 36 INCHES HIGH MINIMUM, 6 INCH MAXIMUM WIRE SPACING.
4. POST - 2" x 2" WOOD OR STEEL INSTALLED A MINIMUM OF 2 FEET IN THE GROUND.

5 / C4.2 SILT FENCE (SF)

N.T.S.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

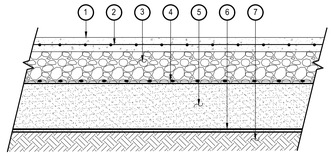
No.	Description	Date
1	DD ADDENDUM 01	09-17-25

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL STORM WATER POLLUTION PROTECTION DETAILS

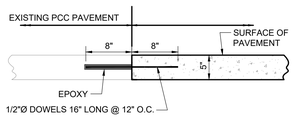
seal	project number	drawing number
	41229.00	C401
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C400-401.dwg View= C401, Oct 28,2025 - 10:55am bushner

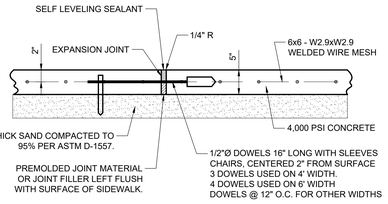


1. 8" THICK, 4000 PSI PORTLAND CEMENT CONCRETE.
2. 4x4 W6xW6 WELDED WIRE FABRIC (WIRE NOMINAL DIA= 0.276 in)
3. 6" MIN. BASE COURSE (CRUSHED LIMESTONE) COMPACTED TO MIN 95% OF MAX. DRY DENSITY PER ASTM D-1557.
4. SINGLE LAYER, TRIAXIAL STRUCTURAL GEOGRID.
5. 12" MIN. THICKNESS RIVERSAND FILL COMPACTED TO MIN. 95% OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT PER ASTM D-1557.
6. CLASS D GEOTEXTILE FABRIC PLACED DIRECTLY OVER PREPARED BASE. FABRIC SHALL COMPLY WITH LA. D.O.T.D. STANDARD SPEC. SECTION 1019 (2006 EDITION OR LATEST EDITION)
7. PREPARED SUBGRADE.

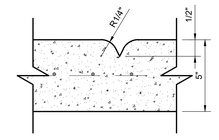
1/C500 SECTION - HEAVY DUTY CONCRETE PAVEMENT N.T.S.



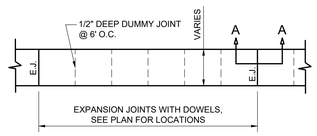
4/C500 SIDEWALK BUTT JOINT N.T.S.



SECTION A-A (EXPANSION JOINT)

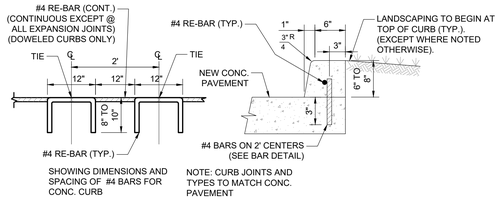


SECTION B-B (DUMMY JOINT)



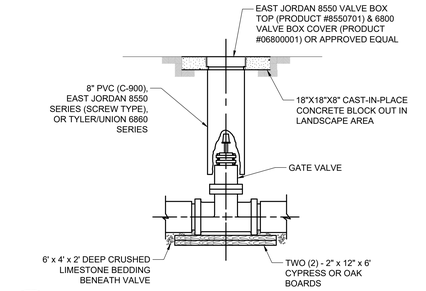
PLAN VIEW

2/C500 CONCRETE SIDEWALK PAVEMENT N.T.S.

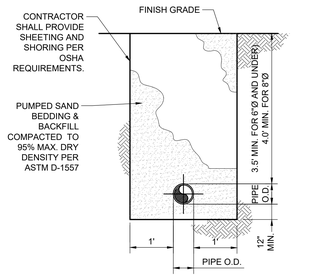


BAR DETAIL

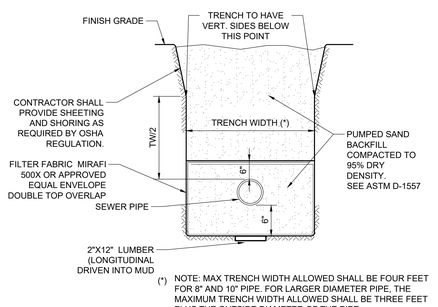
3/C500 DOWELED BARRIER CURB N.T.S.



5/C500 VALVE BOX DETAIL (NON TRAFFIC AREA) N.T.S.

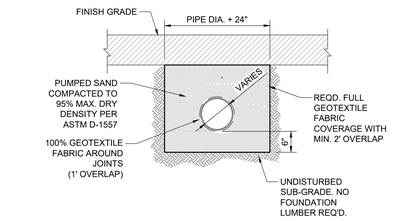


6/C500 TYPICAL SECTION WATER LINE N.T.S.

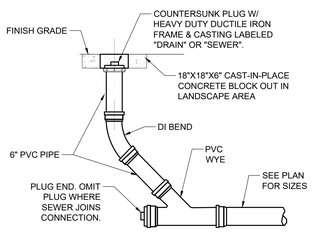


(*) NOTE: MAX TRENCH WIDTH ALLOWED SHALL BE FOUR FEET FOR 8" AND 10" PIPE. FOR LARGER DIAMETER PIPE, THE MAXIMUM TRENCH WIDTH ALLOWED SHALL BE THREE FEET PLUS THE OUTSIDE DIAMETER OF THE PIPE.

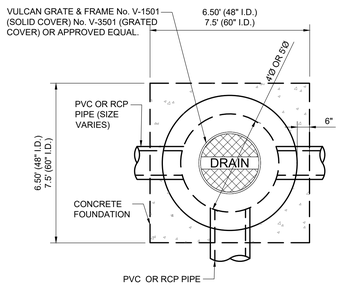
7/C500 TYPICAL SECTION (PRIVATE) SANITARY SEWER N.T.S.



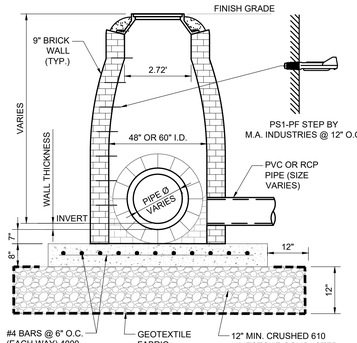
8/C500 TYPICAL SECTION DRAIN PIPE (SOLID WALL PVC) N.T.S.



9/C500 SEWER/DRAIN CLEANOUT N.T.S.

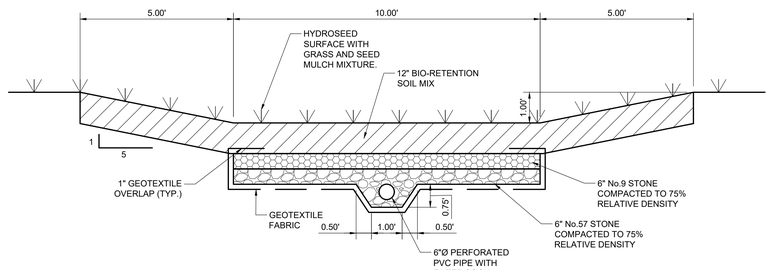


NOTES:
1. ALL BRICK STRUCTURES: INSIDE AND OUTSIDE OF OF BRICK WALLS, BENCHES, & INVERTS TO BE MORTARED WITH WATERPROOFING COMPOUND FOR THICKNESS OF 1/4" IN ACCORDANCE WITH SPECIFICATIONS.
2. PRE-CAST MANHOLES ARE AN ACCEPTABLE ALTERNATE TO BRICK STRUCTURES IF APPROVED BY THE ENGINEER. PRECAST STRUCTURES SHALL CONFORM WITH THE JEFFERSON PARISH DEPARTMENT OF ENGINEERING DRAINAGE STANDARD DETAILS.

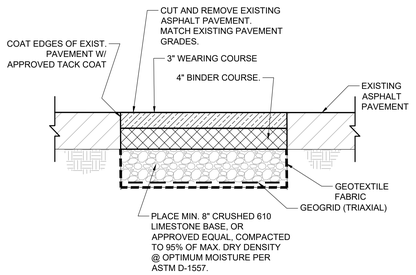


ELEVATION

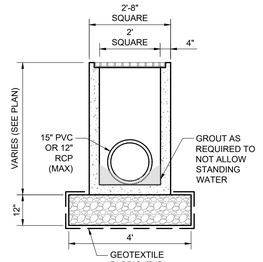
10/C500 STANDARD NO. 1 DRAIN MANHOLE N.T.S.



11/C500 DRAINAGE SWALE N.T.S.



12/C500 ASPHALT PAVEMENT REPAIR N.T.S.



24" SQ. DRAIN INLET

DRAIN INLET (GENERAL NOTES):
1. USE MINIMUM OF 12" LIMESTONE BASE COMPACTED TO 95% OF MAX. DRY DENSITY @ OPTIMUM MOISTURE PER ASTM D-1557.
2. 24" SQ. DRAIN INLET: CASTINGS SHALL BE V-5726 FRAME & GRATE, CAST IRON (H20-44 LOADING DESIGN). MANUFACTURER: EAST JORDAN IRON WORKS, INC. OR APPROVED EQUAL. (USE ADA COMPLIANT GRATE WHERE SPECIFIED: V-5726-80).
3. SOME DIMENSION VARIATION WILL BE ALLOWED TO MEET MANUFACTURER'S STANDARDS.
4. PRE-CAST INLETS OR MANHOLES WILL NOT APPROVED UNTIL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES (INVERTS) ARE VERIFIED.
5. PROVIDE 3/4" REDWOOD EXPANSION MATERIAL AROUND CATCH BASINS LOCATED IN CONCRETE (SEALED).

MATERIALS:
1. CONCRETE: 4,000 PSI IN 28 DAYS.
2. REINFORCING STEEL PER ASTM A-615, GRADE 60 REINFORCING TO MEET AASHTO HS 20-44 LOADING.
3. PRECAST STRUCTURE TO MEET ASTM C-857-92.
4. JOINT SEALANT: RAM-NEK GASKET MATERIAL.

13/C500 DRAIN INLET N.T.S.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

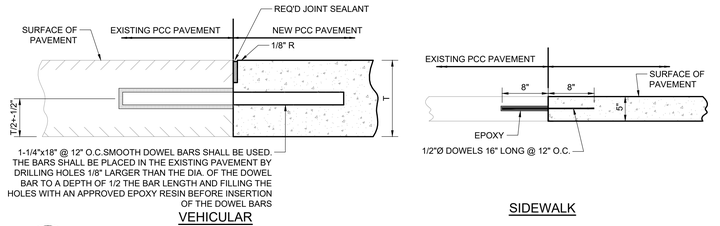
Revisions		
No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL SECTIONS AND DETAILS

seal	project number	drawing number
	41229.00	C500
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C500.dwg View= C500, Oct 28,2025 - 10:59am busher

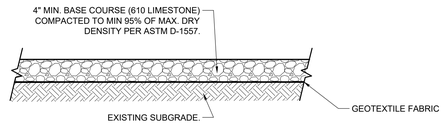


VEHICULAR

SIDEWALK

1/C501 BUTT JOINT

N.T.S.



2/C501 GRAVEL WALKWAY

N.T.S.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

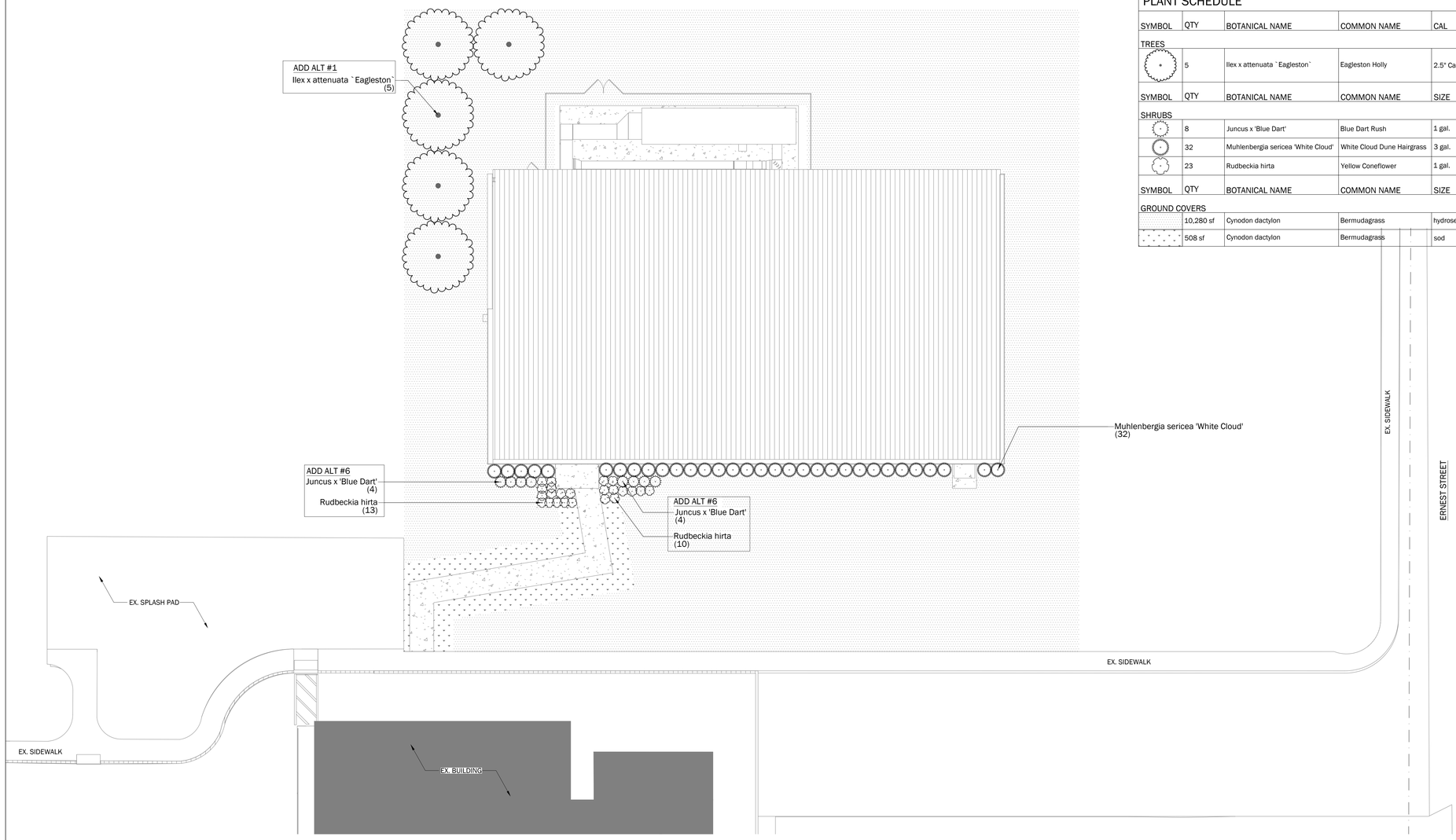
No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

CIVIL SECTIONS AND DETAILS

seal	project number	drawing number
	41229.00	C501
	date 10/28/25	
	phase CONSTRUCTION DOCUMENTS	

E:\Civil\7298 Cutoff Natatorium\Dwg\7298-C500.dwg View= C501, Oct 28,2025 - 10:59am busner



PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CAL	CONT	HT	REMARKS
TREES							
	5	Ilex x attenuata `Eagleston`	Eagleston Holly	2.5" Cal.	Pot	10' Min.	ADD ALT NO. 1
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT	MIN. HT	REMARKS
SHRUBS							
	8	Juncus x 'Blue Dart'	Blue Dart Rush	1 gal.	Pot		ADD ALT NO. 6
	32	Muhlenbergia sericea 'White Cloud'	White Cloud Dune Hairgrass	3 gal.	Pot		
	23	Rudbeckia hirta	Yellow Coneflower	1 gal.	Pot		ADD ALT NO. 6
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT		REMARKS
GROUND COVERS							
	10,280 sf	Cynodon dactylon	Bermudagrass	hydroseed			
	508 sf	Cynodon dactylon	Bermudagrass	sod			

1 PLANTING PLAN

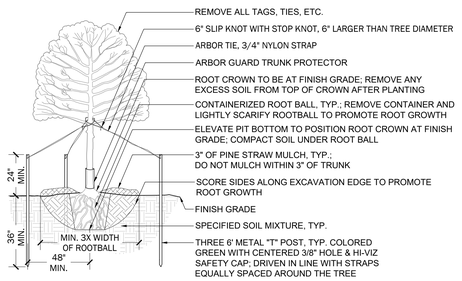
scale: 1" = 10' - 0"

0 5 10 20 40

SCALE: 1" = 10'-0"

NORTH

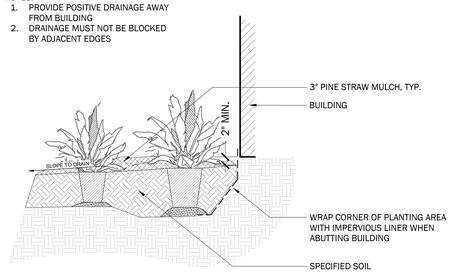
NOTE:
DO NOT INSTALL TREE IF ROOT BOUND. ROOT BALL MUST BE PRUNED OR UNTANGLED TO PROMOTE HEALTHY ROOT GROWTH.



1 CONTAINER SINGLE TRUNK TREE PLANTING - SECTION

1/4" = 1'-0" 329343-07

NOTES:
1. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING
2. DRAINAGE MUST NOT BE BLOCKED BY ADJACENT EDGES



2 PLANTING ADJACENT TO BUILDING - SECTION

1/2" = 1'-0" 329333-04

SIZELER THOMPSON BROWN ARCHITECTS

300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date
1	DD Addendum 01	09/22/25

ADD NATATORIUM
6600 BELGRADE ST.

PLANTING PLAN

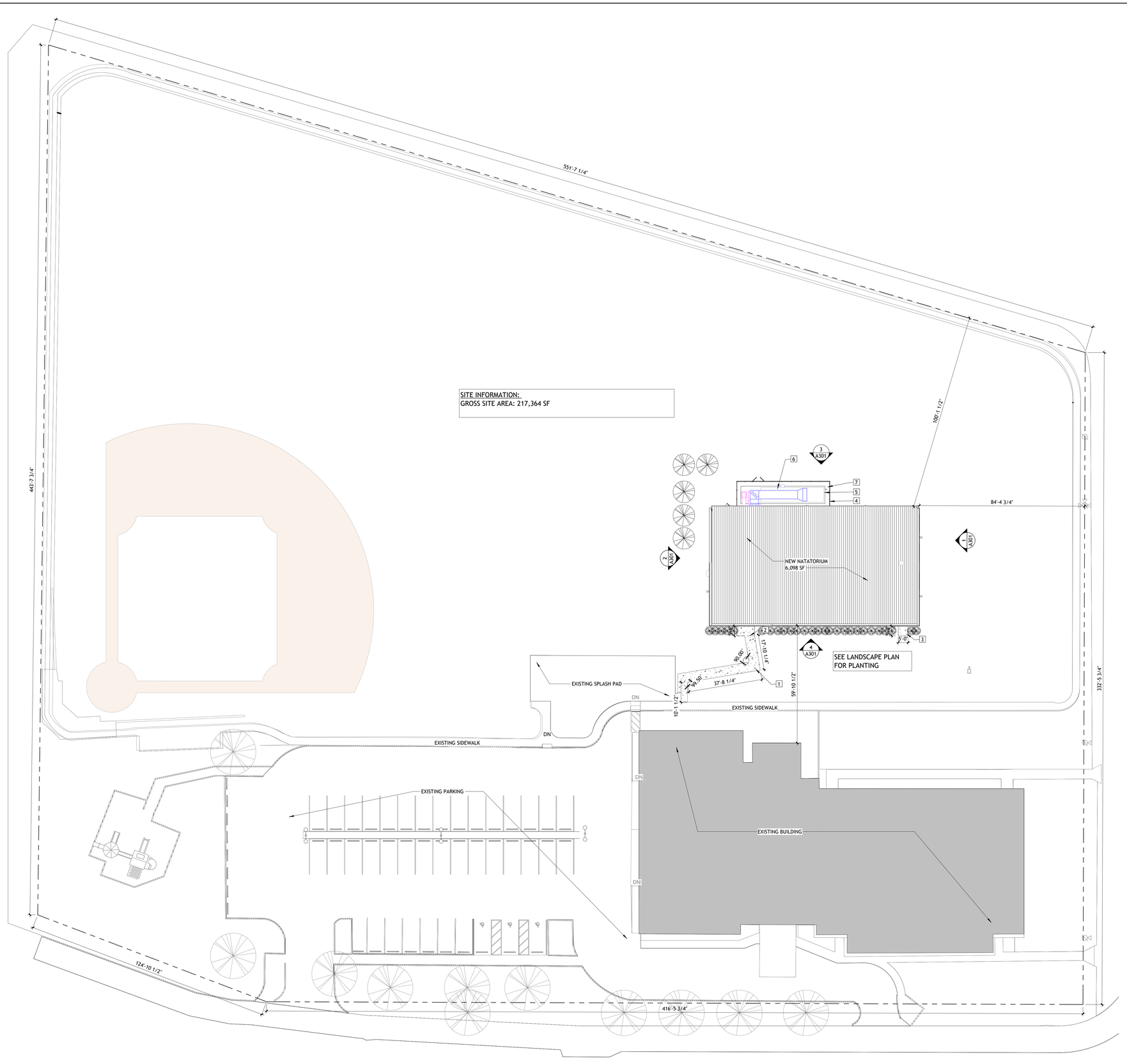
DANA BROWN& Associates
1836 Valence Street New Orleans, LA 70115
504.345.2639

LA One Call

CALL BEFORE YOU DIG:
Always dial 811 or 800 272-3020 first.
The call and the service are FREE.

seal	project number	drawing number
	41229.00	L101
	date 10/27/25	
	phase CD	

11/10/2025 2:15:21 PM



1 A101 SITE PLAN
1" = 20'-0"

KEYNOTES - SITE PLAN

1	NEW CONCRETE SIDEWALK RE: CIVIL
2	NEW PREFAB ALUMINUM CANOPY ABOVE
3	NEW CONCRETE LANDING RE: CIVIL
4	7'-0" TALL WOOD FENCE ENCLOSURE
5	MECHANICAL PAD
6	HVAC EQUIPMENT RE: MECHANICAL
7	GRAVEL FILL RE: CIVIL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

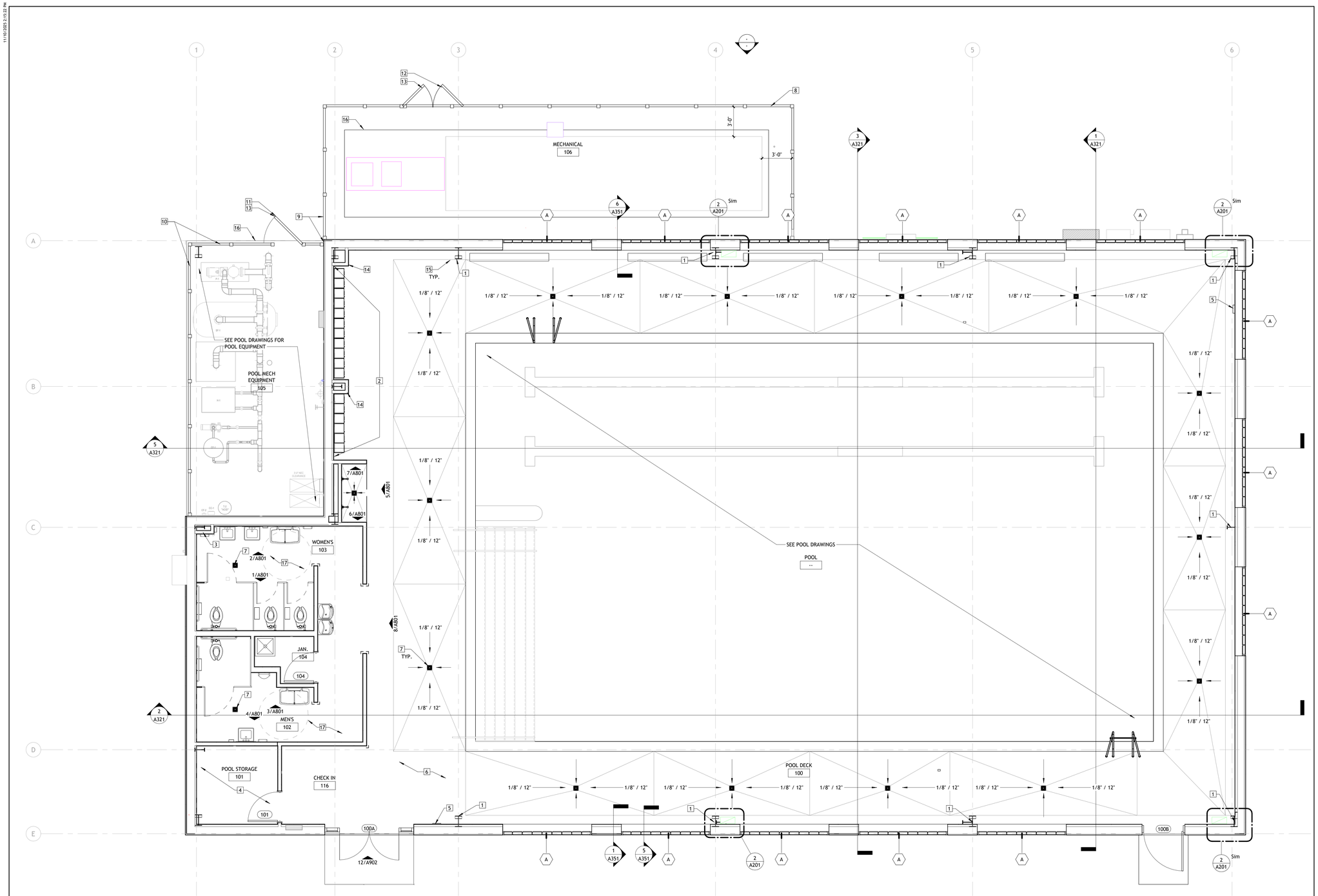
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

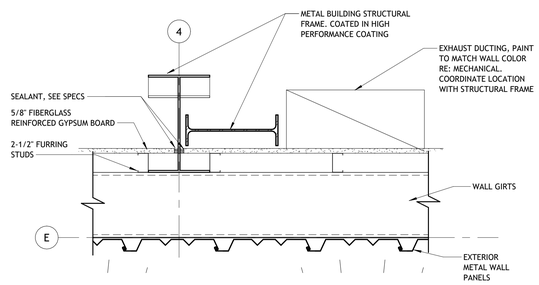
SITE PLAN

seal	project number	drawing number
	41229.00	A101
	date: 10/28/2025	
	phase: CD	

11/10/2025 2:15:23 PM



1 A201 1ST FLOOR PLAN
1/4" = 1'-0"



2 A201 PLAN DETAIL @ STRUCTURE
1 1/2" = 1'-0"

GENERAL FLOOR PLAN NOTES

A. FOR PARTITION TYPES AND OPENING SCHEDULES, SEE SHEET A901 AND A902.
B. ALL DIMENSIONS AT WALLS & PARTITIONS ARE TAKEN FROM FACE OF FINISH, UNLESS OTHERWISE NOTED. ALL DIMENSIONS AT COLUMNS ARE TAKEN FROM THE CENTERLINE OF THE COLUMN UNLESS OTHERWISE NOTED.
C. ALL DIMENSIONS INDICATED AS 'CLEAR', 'HOLD' OR 'MINIMUM (MIN.)'ARE TAKEN FROM THE FINISH SURFACE. VERIFY DIMENSIONS DURING LAYOUT AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
D. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
E. LOCATE ALL DOORS 4" FROM BACK OF FRAME (HINGE SIDE) TO END OF PARTITION UNLESS OTHERWISE NOTED.
F. MAINTAIN A MINIMUM OF 18" AT PULL SIDE OF ALL DOORS.
G. PROVIDE SOLID BLOCKING BETWEEN STUDS AT ALL LOCATIONS TO RECEIVE MILLWORK, GRAB BARS OR OTHER ITEMS REQUIRING ATTACHMENT TO THE WALL OR PARTITION.
H. SEE INTERIOR ELEVATIONS FOR TOILET ACCESSORY LOCATIONS.
I. ALL WORK NOTED "BY OTHERS" OR " N.I.C." SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT. INCLUDE REQUIREMENTS FOR THIS WORK IN CONSTRUCTION SCHEDULE AND COORDINATE AS REQ. TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
J. SEE SITE PLAN, LANDSCAPE AND CIVIL DRAWINGS FOR DETAILED SITE INFORMATION (ALL WORK OUTSIDE OF BUILDING LINE).
K. CLEARANCES AND TOLERANCES OF ALL WALLS ADJACENT TO OR ABOUNDING EQUIPMENT SHALL BE VERIFIED BY EQUIPMENT VENDORS PRIOR TO LAYOUT.

KEYNOTES - FLOOR PLAN

1	PRE-ENGINEERED METAL BUILDING STRUCTURE COATED IN HIGH PERFORMANCE COATING
2	PROVIDE BLOCKING IN WALL FOR FUTURE LOCKERS
3	HOLD COLUMN FURRING AS TIGHT AS POSSIBLE TO COLUMN AND BASE PLATE
4	PROVIDE BLOCKING IN WALLS FOR ATTACHMENT OF OWNER PROVIDED SHELVING
5	RECESSED FIRE EXTINGUISHER CABINET
6	POOL DECK. SLOPE TO FLOOR DRAINS RE: STRUCTURAL AND PLUMBING
7	FLOOR DRAIN RE: PLUMBING
8	7'-0" TALL PAINTED WOOD FENCING SURROUNDING MECHANICAL EQUIPMENT. PROVIDE 3'-0" CLEARANCE MIN. AROUND AHU.
9	ALIGN EDGE OF FENCE WITH EDGE OF BUILDING
10	7'-0" TALL PAINTED WOOD FENCING SURROUNDING POOL EQUIPMENT. PROVIDE BOARD SPACING PER POOL EQUIPMENT VENTILATION REQUIREMENTS
11	PROVIDE MIN 48" LOCKABLE GATE PER POOL EQUIPMENT REQUIREMENTS
12	PROVIDE 72" MIN. LOCKABLE GATE. VERIFY WITH MECHANICAL UNIT REQUIREMENTS TO ENSURE ACCESS NEEDED.
13	PROVIDE LOKK-LATCH PRO-SL SELF-LOCKING LATCH FOR WOOD GATES (LLP1S-K OR EQUAL AT FENCE GATES. ALSO PROVIDE STAINLESS STEEL FLUSH BOLTS AT INACTIVE GATE LEAF (AS NEEDED)
14	HOLD COLUMN FURRING AS TIGHT AS POSSIBLE TO COLUMN AND BASE PLATE UNLESS NOTED OTHERWISE, SEE DIMENSION PLAN
15	COORDINATE FLOOR SLOPING WITH PRE ENGINEERED METAL BUILDING STRUCTURE BASE PLATES AS NECESSARY
16	EDGE OF EQUIPMENT SLAB. SEE STRUCTURAL
17	PROVIDE BLOCKING IN WALLS FOR EQUIPMENT

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

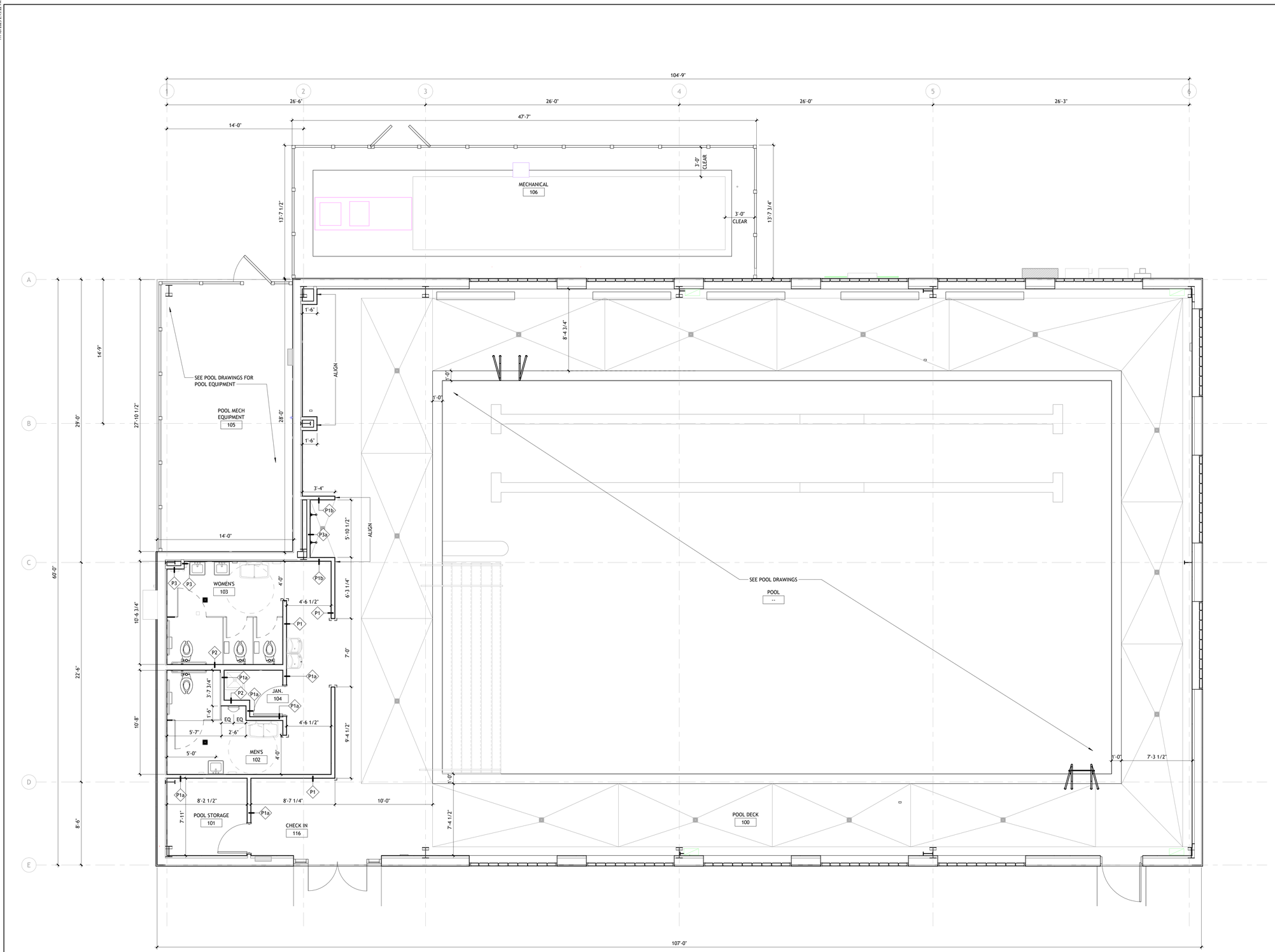
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

1ST FLOOR PLAN

seal	project number 41229.00	drawing number A201
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:23 PM



1 1ST FLOOR PLAN - DIMENSION PLAN
A202 1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES

A. FOR PARTITION TYPES AND OPENING SCHEDULES, SEE SHEET A901 AND A902.
B. ALL DIMENSIONS AT WALLS & PARTITIONS ARE TAKEN FROM FACE OF FINISH, UNLESS OTHERWISE NOTED. ALL DIMENSIONS AT COLUMNS ARE TAKEN FROM THE CENTERLINE OF THE COLUMN UNLESS OTHERWISE NOTED.
C. ALL DIMENSIONS INDICATED AS 'CLEAR', 'HOLD' OR 'MINIMUM (MIN.)'ARE TAKEN FROM THE FINISH SURFACE. VERIFY DIMENSIONS DURING LAYOUT AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
D. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
E. LOCATE ALL DOORS 4" FROM BACK OF FRAME (HINGE SIDE) TO END OF PARTITION UNLESS OTHERWISE NOTED.
F. MAINTAIN A MINIMUM OF 18" AT PULL SIDE OF ALL DOORS.
G. PROVIDE SOLID BLOCKING BETWEEN STUDS AT ALL LOCATIONS TO RECEIVE MILLWORK, GRAB BARS OR OTHER ITEMS REQUIRING ATTACHMENT TO THE WALL OR PARTITION.
H. SEE INTERIOR ELEVATIONS FOR TOILET ACCESSORY LOCATIONS.
I. ALL WORK NOTED "BY OTHERS" OR " N.I.C." SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT. INCLUDE REQUIREMENTS FOR THIS WORK IN CONSTRUCTION SCHEDULE AND COORDINATE AS REQ. TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
J. SEE SITE PLAN, LANDSCAPE AND CIVIL DRAWINGS FOR DETAILED SITE INFORMATION (ALL WORK OUTSIDE OF BUILDING LINE).
K. CLEARANCES AND TOLERANCES OF ALL WALLS ADJACENT TO OR ABOUNDING EQUIPMENT SHALL BE VERIFIED BY EQUIPMENT VENDORS PRIOR TO LAYOUT.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

DIMENSION PLAN

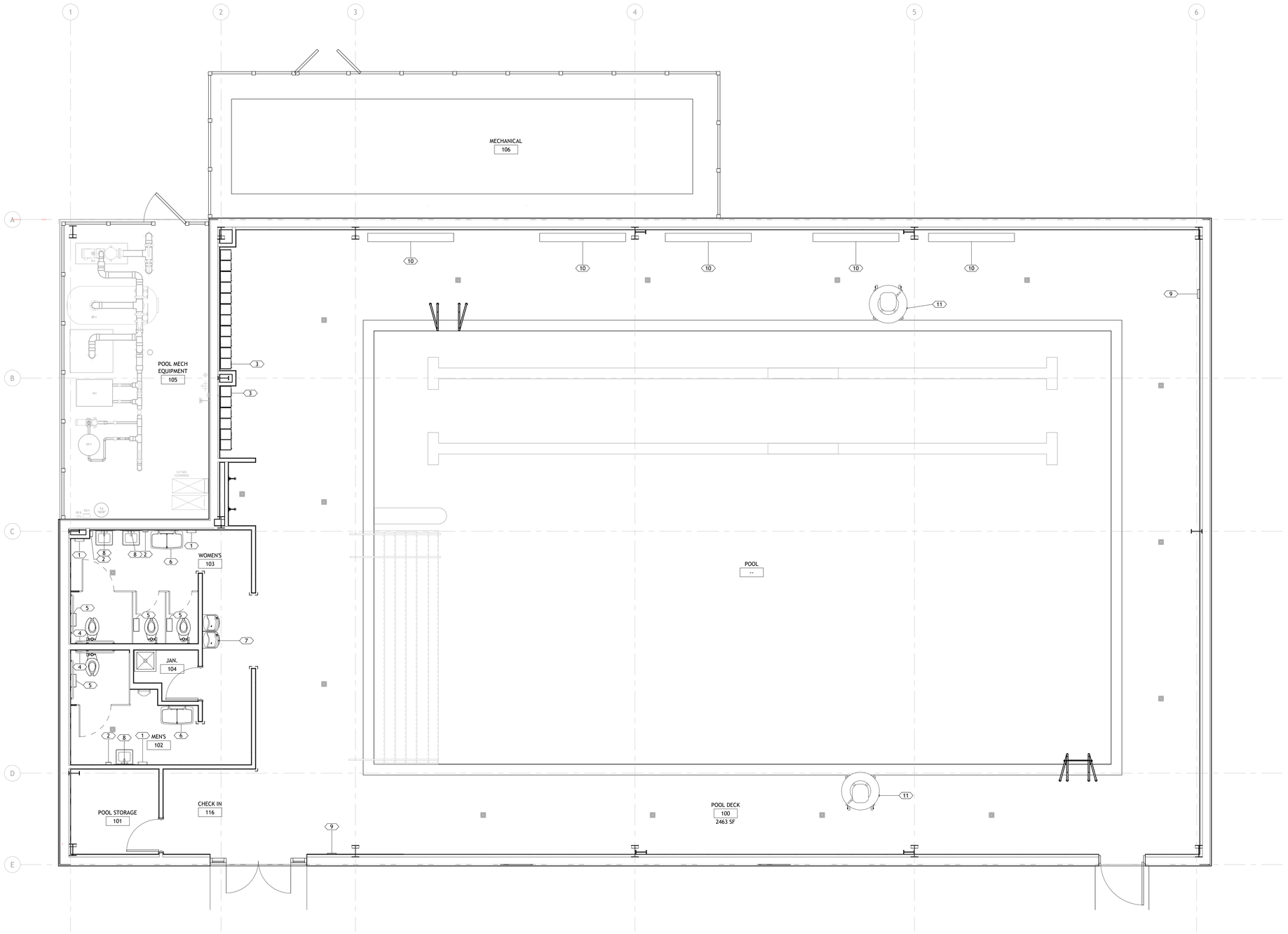
seal	project number	drawing number
	41229.00	A202
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:23 PM

EQUIPMENT SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL	FURNISHED BY	INSTALLED BY	ELEC.	PLUMB.	TELE/ DATA	COMMENT
1	PAPER TOWEL DISPENSER			OWNER	OWNER	Y	N		
2	SOAP DISPENSER	-	-	OWNER	OWNER	Y	N		
3	LOCKER	-	-	-	-	N	N		ALTERNATE #3
4	GRAB BAR	-	-	CONTRACTOR	CONTRACTOR	N	N		
5	TOILET TISSUE DISPENSER	-	-	OWNER	OWNER	N	N		
6	BABY CHANGING STATION	KOALA KARE	KB300-00	CONTRACTOR	CONTRACTOR	N	N		ALTERNATE #13
7	DRINKING FOUNTAIN	ELKAY	LZSTLDDLC	CONTRACTOR	CONTRACTOR	Y	Y		ALTERNATE #5: PROVIDE WITH BOTTLE FILLER EZSTLDDW5VRLK
8	MIRROR	ALPOLIC	RF REFLECTIVE STOCK	CONTRACTOR	CONTRACTOR	N	N		SEE NOTE BELOW
9	FIRE EXTINGUISHER CABINET	J.L. INDUSTRIES	PANORAMA	CONTRACTOR	CONTRACTOR	N	N		SEE SPECS
10	LOCKER ROOM BENCH	Scranton Products	-	-	-				ALTERNATE #4
11	LIFEGUARD CHAIR	-	-	OWNER	OWNER	N	N		

NOTE: MIRRORS IN BATHROOMS TO BE CUT TO SIZE SHOWN ON ELEVATIONS FROM ALPOLIC RF REFLECTIVE STOCK 2MM THICKNESS (OR EQUAL) MOUNTED ON TAMPER PROOF STAND OFFS (OUTWATER INDUSTRIES 1/2" DIA. X 1/2" BARREL LENGTH POLISHED STAINLESS FINISH ECO LOCK SERIES, OR EQUAL). NO SHARP EDGES.



1 1ST FLOOR PLAN - EQUIPMENT PLAN
A261 1/4" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

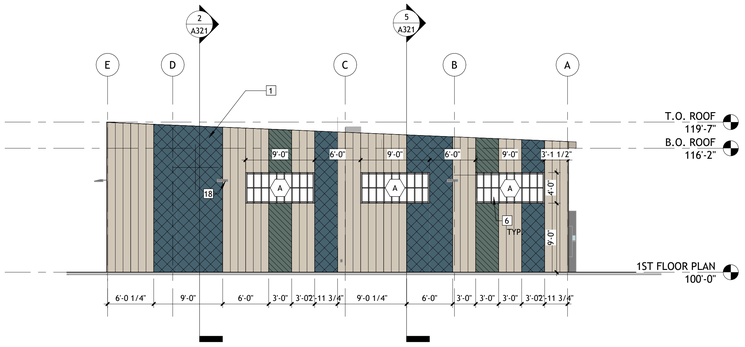
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

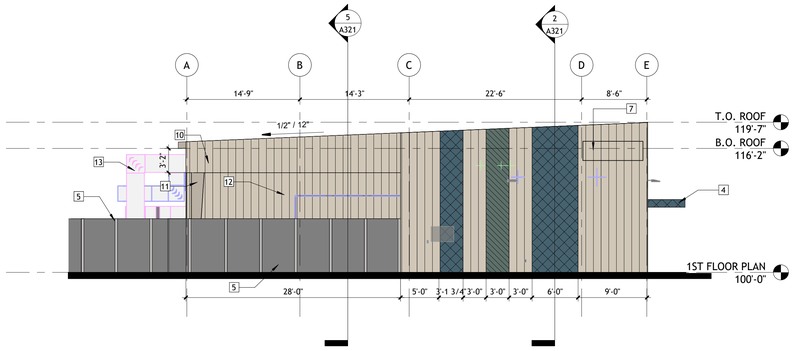
1ST FLOOR EQUIPMENT PLAN

seal	project number	drawing number
	41229.00	A261
	date: 10/28/2025	
	phase: CD	

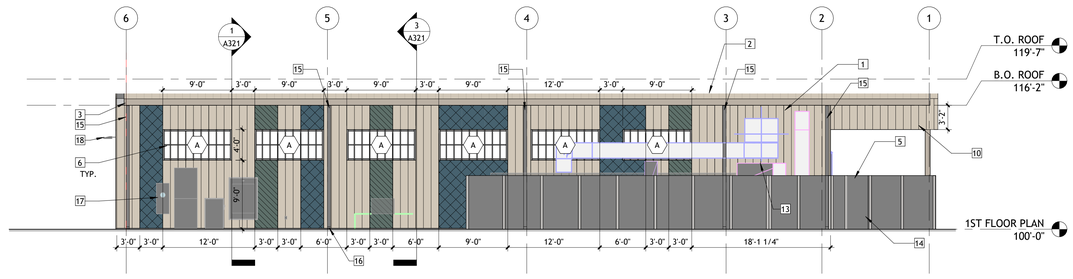
11/10/2025 2:15:25 PM



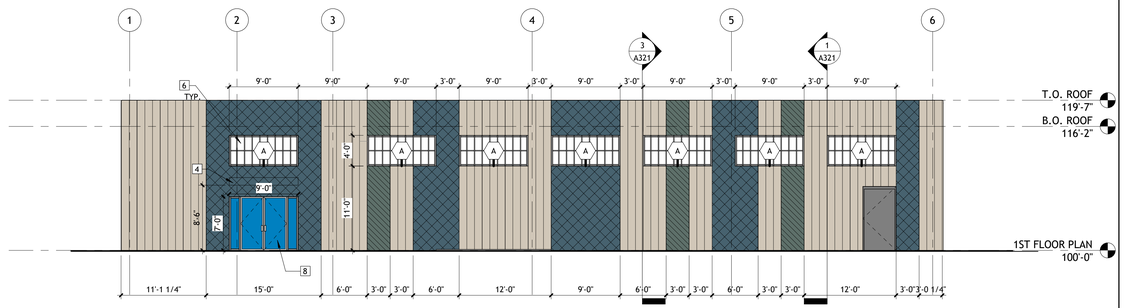
1 EAST ELEVATION
A301 1/8" = 1'-0"



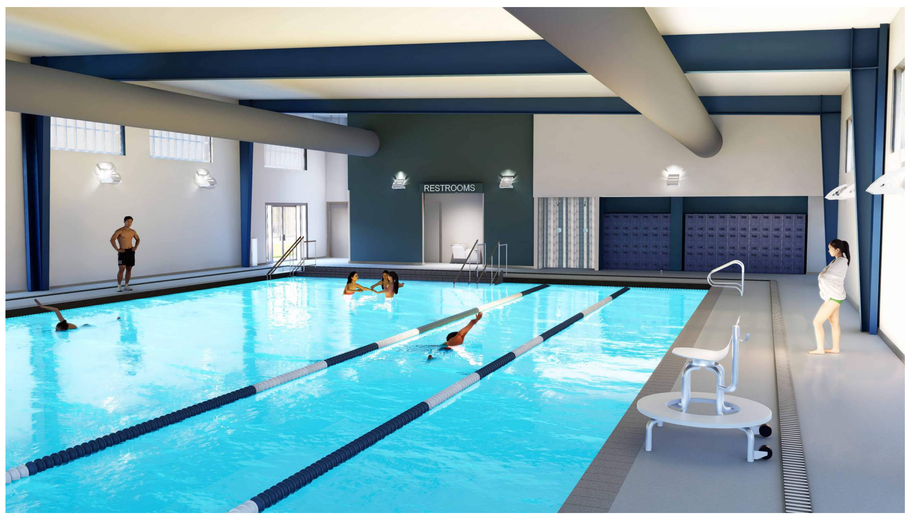
2 WEST ELEVATION
A301 1/8" = 1'-0"



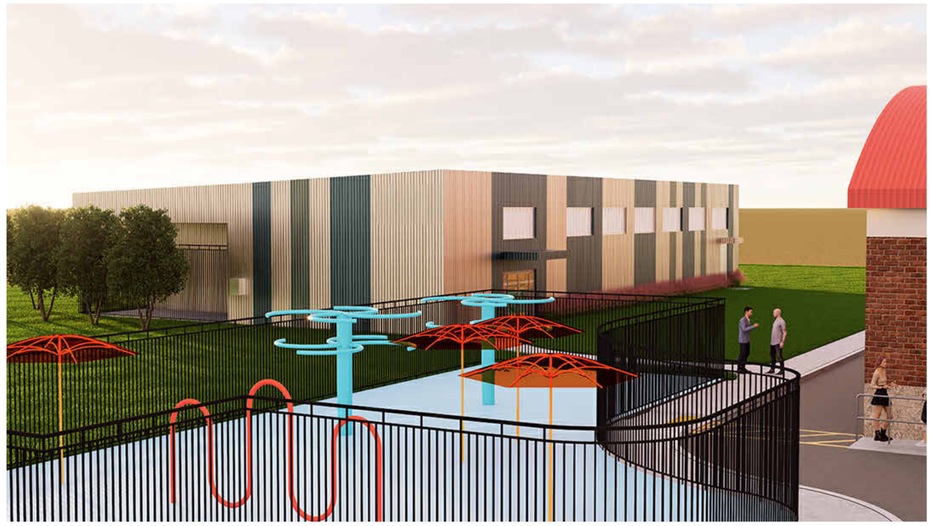
3 NORTH ELEVATION
A301 1/8" = 1'-0"



4 SOUTH ELEVATION
A301 1/8" = 1'-0"



INTERIOR VIEW AT POOL DECK



EXTERIOR VIEW FROM PARKING LOT

ELEVATION LEGEND

METAL PANEL TYPES

MP-1
METAL PANEL (BUTLER-COTE, COOL BIRCH WHITE)

MP-2
METAL PANEL (BUTLER-COTE, COOL OCEAN BLUE)

MP-3
METAL PANEL (BUTLER-COTE, COOL MARSH GREEN)

KEYNOTES - EXTERIOR ELEVATION

1	METAL WALL PANELS
2	METAL ROOF BY PREENGINEERED BUILDING MANUFACTURER
3	GUTTER BY PRE ENGINEERED METAL BUILDING MANUFACTURER
4	(ALTERNATE 10) PREFAB METAL CANOPY, BY PRE ENGINEERED METAL BUILDING MANUFACTURER, COORDINATE LOCATIONS OF CANOPY SUPPORTS WITH OPENINGS
5	7'-0" TALL PAINTED WOOD FENCING
6	KALWALL WINDOW SYSTEM, TYP.
7	FUTURE OWNER PROVIDED NON ILLUMINATED SIGNAGE
8	STOREFRONT ENTRANCE DOORS WITH SIDELITES
10	METAL PANEL FASCIA
11	EXPOSED PRE-ENGINEERED METAL BUILDING SRUCTURE
12	METAL PANEL BEYOND
13	HVAC DUCTWORK BEYOND, SEE MECHANICAL
14	PROVIDE MIN 48" GATE
15	GUTTER DOWNSPOUT
16	SPLASHBLOCK RE: CIVIL
17	COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT. SEE ELEC PLANS
18	EXTERIOR LIGHTING, SEE ELEC. COORDINATE LOCATIONS WITH DOWNSPOUTS AND OPENINGS

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

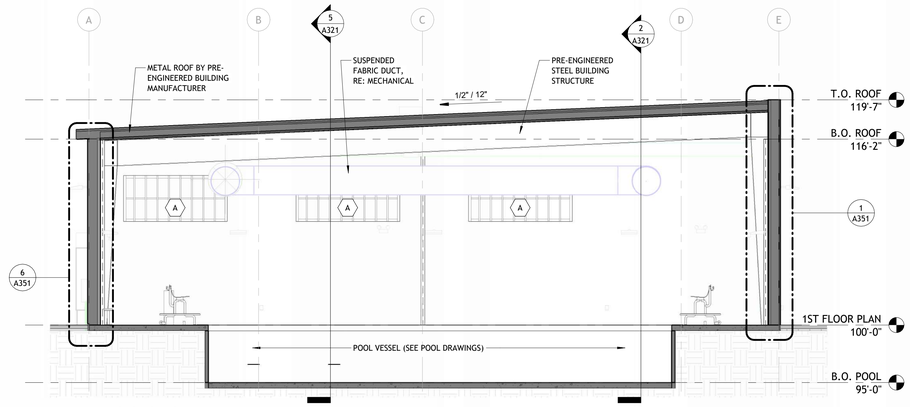
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

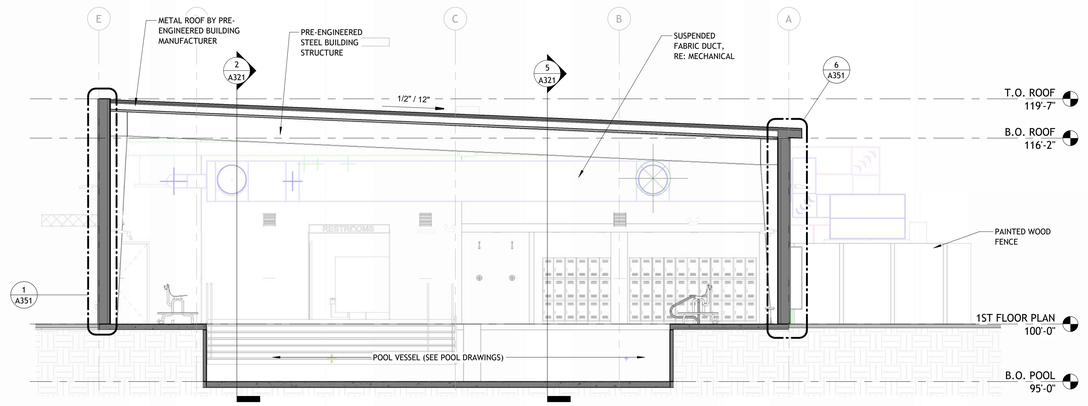
ELEVATIONS

seal	project number 41229.00	drawing number A301
	date 10/28/2025	
	phase CD	

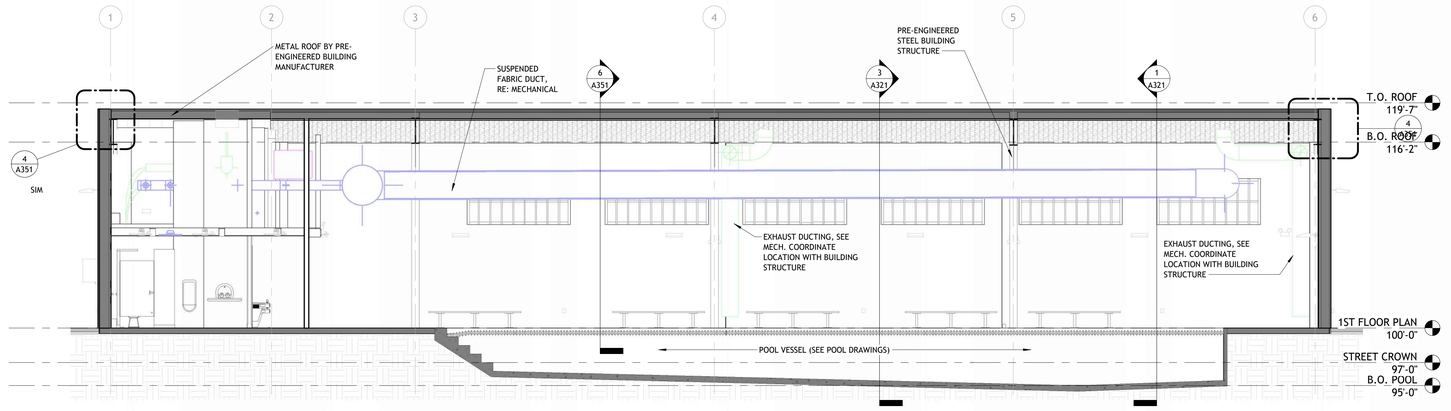
11/10/2025 2:15:39 PM



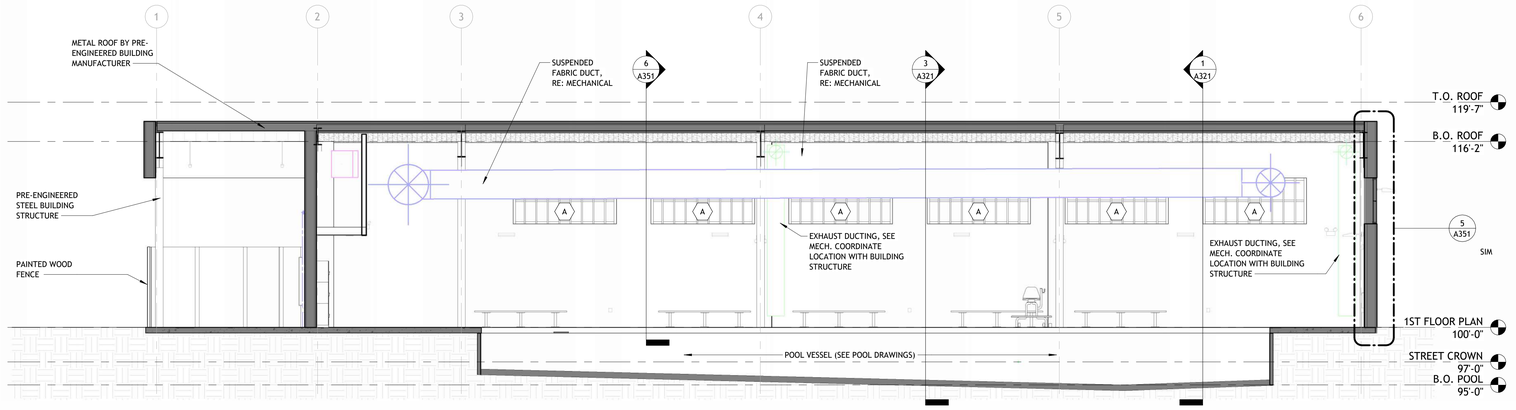
3 BUILDING SECTION
A321 3/16" = 1'-0"



1 BUILDING SECTION
A321 3/16" = 1'-0"



2 BUILDING SECTION
A321 3/16" = 1'-0"



5 BUILDING SECTION
A321 3/16" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

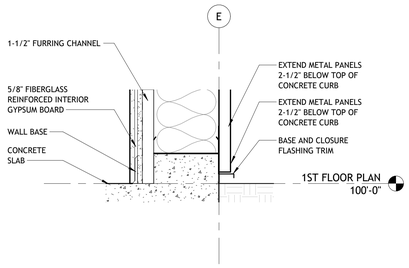
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

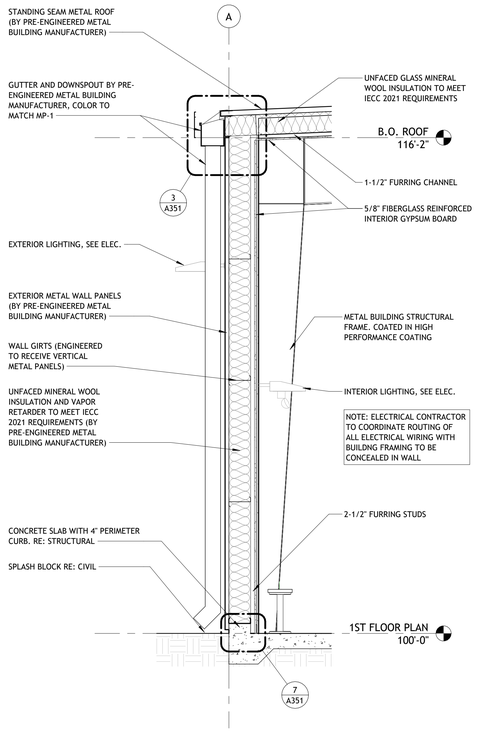
BUILDING SECTIONS

seal	project number	drawing number
	41229.00	A321
	date 10/28/2025	
	phase CD	

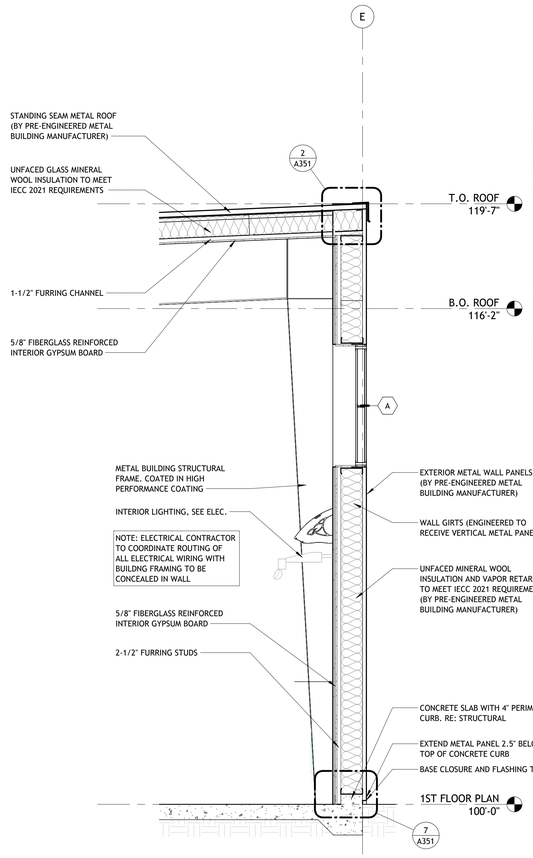
11/10/2025 2:15:31 PM



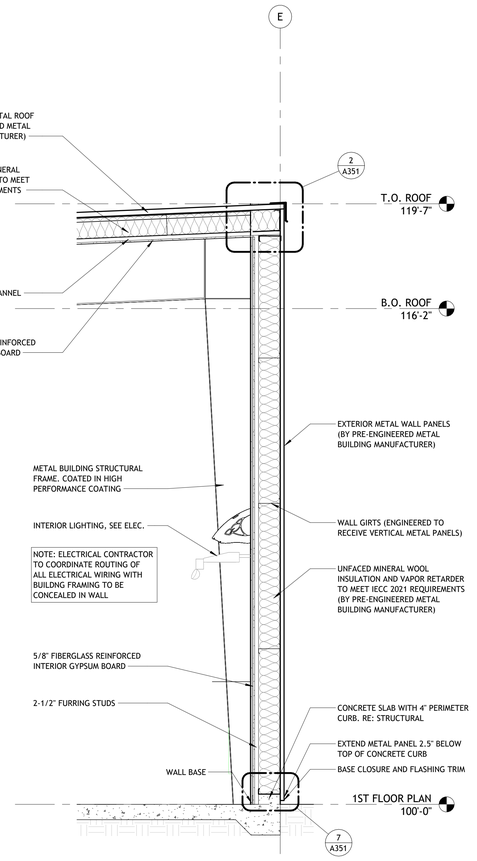
7 SECTION DETAIL @ EXT. WALL BASE
A351 1 1/2" = 1'-0"



6 WALL SECTION @ LOW ROOF
A351 1/2" = 1'-0"

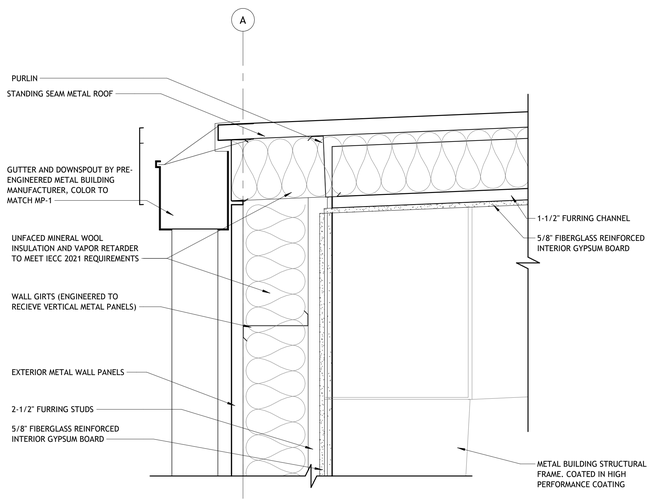


5 TYP. WALL SECTION @ KALWALL
A351 1/2" = 1'-0"

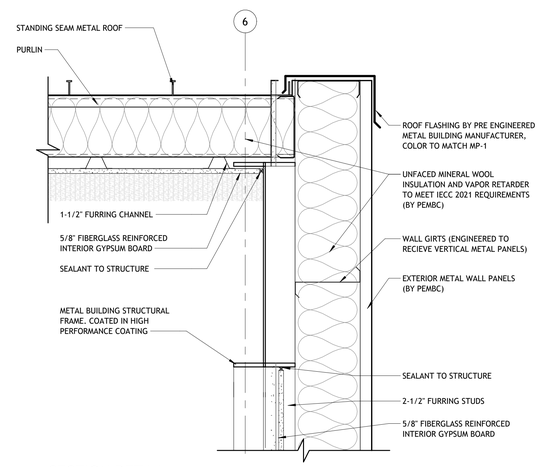


1 TYP. WALL SECTION
A351 1/2" = 1'-0"

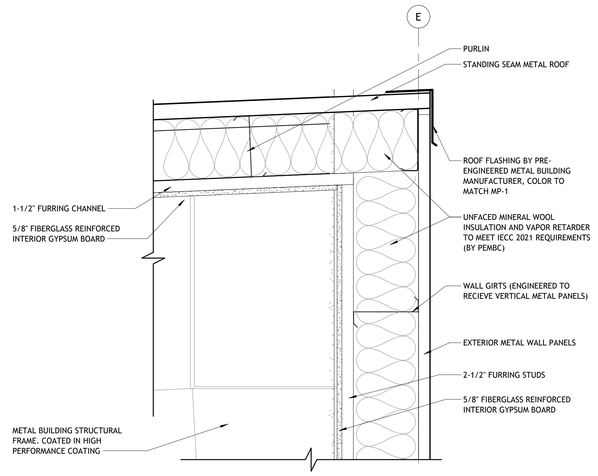
NOTE:
INTERIOR WALL AND CEILING FURRING GYPSUM BOARD (BASE BID) - IMPACT AND MOISTURE RESISTANT PAPER FACED GYPSUM BOARD WITH LEVEL 4 FINISH
INTERIOR WALL AND CEILING FURRING GYPSUM BOARD (ALTERNATE 9) - FIBERGLASS REINFORCED PAPERLESS GYPSUM BOARD WITH LEVEL 5 FINISH (SEE SPECS)



3 SECTION DETAIL
A351 1 1/2" = 1'-0"



4 SECTION DETAIL
A351 1 1/2" = 1'-0"



2 SECTION DETAIL
A351 1 1/2" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

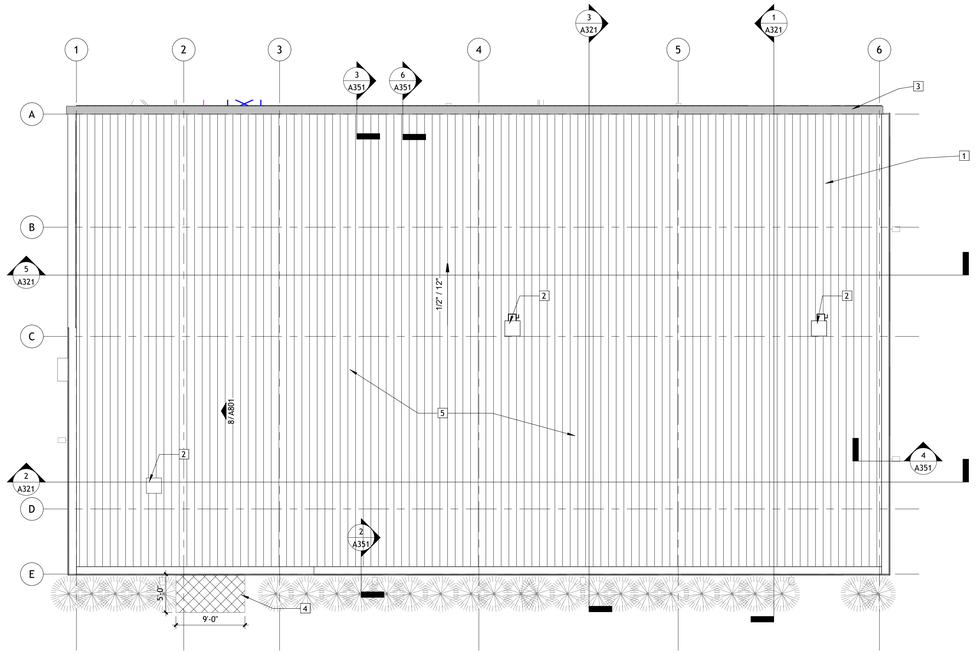
Revisions		
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

WALL SECTIONS AND DETAILS

seal	project number	drawing number
	41229.00	A351
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:32 PM



1 ROOF PLAN
A401 1/8" = 1'-0"

GENERAL ROOF PLAN NOTES

A. ALL ROOF SLOPES AS SHOWN ARE TO BE REVIEWED AND APPROVED BY THE ROOFING MANUFACTURER.
B. SEE MECHANICAL PLANS FOR EXACT LOCATION OF ROOF PENETRATIONS AND THEIR CONTINUATION THROUGH THE BUILDING.
C. THE EXACT DIMENSIONS AND LOCATION OF MECHANICAL UNITS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR IN SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY THE ARCHITECT.
D. EXHAUST FANS ARE TO BE LOCATED A MINIMUM OF 10'-0" FROM HVAC INTAKE UNITS.
E. COORDINATE LOCATIONS OF ALL EQUIPMENT, ROOF OPENINGS AND DETAILS WITH THE MECHANICAL AND STRUCTURAL DRAWINGS.
F. COORDINATE AND INSTALL ALL ROOF PENETRATIONS WITH ROOF MANUFACTURER'S RECOMMENDATIONS.
G. PROVIDE CRICKETS AT HIGH SIDE OF ALL ROOF CURBS, PENETRATIONS, ETC., TO DIRECT WATER AROUND ROOF PENETRATIONS.

KEYNOTES - ROOF PLAN

1	STANDING SEAM METAL ROOF BY PREENGINEERED BUILDING MANUFACTURER
2	EXHAUST FAN RE: MECHANICAL. PROVIDE FACTORY INSULATED CANTED ROOF CURB ON METAL ROOF
3	GUTTER AND DOWNSPOUTS
4	PREFAB METAL CANOPY BY PREENGINEERED METAL BUILDING MANUFACTURER
5	PRE ENGINEERED METAL BUILDING MANUFACTURER TO PROVIDE ALL ROOF ACCESSORIES FOR PENETRATIONS. COORDINATE LOCATIONS.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

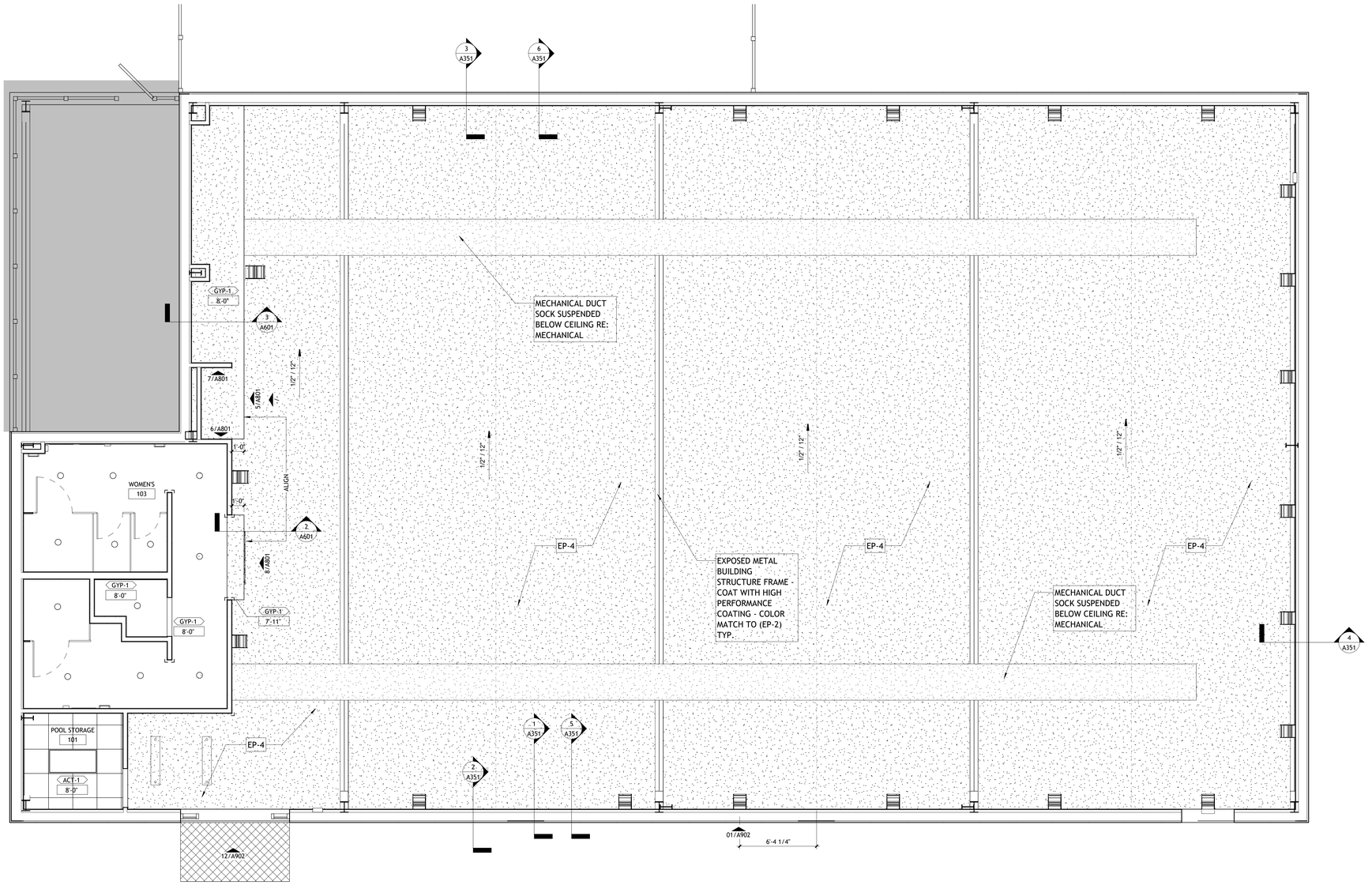
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

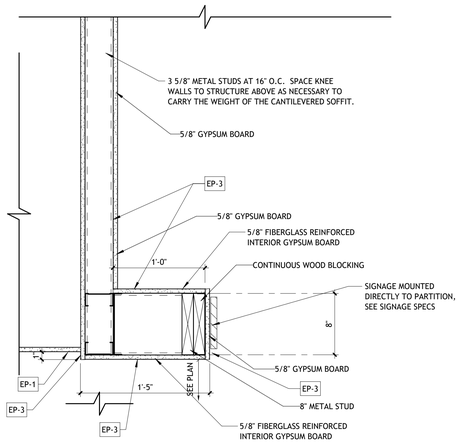
ROOF PLAN

seal	project number	drawing number
	41229.00	A401
	date 10/28/2025	
	phase CD	

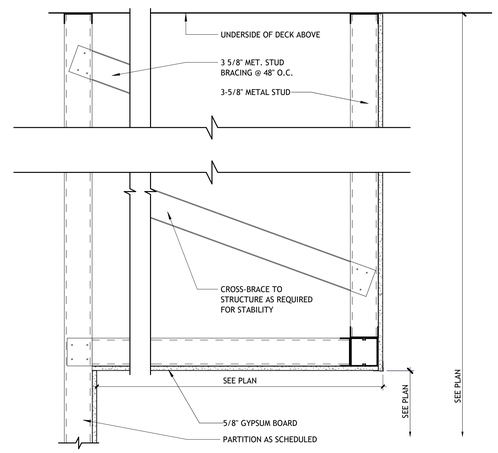
11/10/2025 2:15:34 PM



1 A601 1ST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"



2 A601 CEILING DETAIL - SOFFIT WITH SIGNAGE
1 1/2" = 1'-0"



3 A601 CEILING DETAIL - FURR DOWN AT WALL TO ACT
1 1/2" = 1'-0"

GENERAL CEILING NOTES

A. ALL LIGHT FIXTURES AND FIXTURE DESIGNATIONS ARE SHOWN FOR LOCATION AND COORDINATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
B. FOR DIFFUSERS, EMERGENCY LIGHTING, SPRINKLER HEADS AND OTHER ITEMS IN THE CEILING, REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
C. SEE ELECTRICAL DRAWINGS FOR EMERGENCY/ LIFE SAFETY SYSTEMS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN LIGHTING LOCATIONS AND ENGINEERING DRAWINGS.
D. CENTER LIGHTING FIXTURES, EXIT LIGHTS, SPEAKERS, AND OTHER CEILING MOUNTED FIXTURES IN ACOUSTICAL CEILING PANELS. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
E. CUT ALL PARTIAL ACOUSTICAL CEILING PANELS TO MATCH MANUFACTURER'S EDGE.
F. TYPICALLY, SPACE ABOVE CEILINGS IS EXTREMELY TIGHT. TO PROVIDE INDICATED CEILING HEIGHTS IN COORDINATION WITH HVAC, PLUMBING, FIREPROOFING, ETC., FIELD-VERIFY CLEARANCES FOR ALL ITEMS TO BE LOCATED ABOVE CEILINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PERFORMING ANY WORK IN THE SPACE.
G. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALTERNATE BRACING OR SUPPORT FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH OVERHEAD DUCTWORK OR MECHANICAL ITEMS.
H. NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
I. NOTE THAT SPECIAL SYSTEM COMPONENTS (FIRE ALARMS, ETC.) ARE NOT BEING SHOWN ON THIS PLAN. REFER TO ASSOCIATED ELECTRICAL SHEETS FOR INFORMATION ON THESE ITEMS.
J. AT ALL EXTERIOR WINDOWS, THE CONTRACTOR SHALL INSTALL REINFORCEMENT WHERE BLINDS AND OR SHADES ARE INDICATED. ASSUME MANUAL ROLLER SHADES AT EXTERIOR WINDOWS IN ALL PATIENT ROOMS, OFFICES, CONFERENCE ROOMS, AND STAFF/PHYSICIAN LOUNGES.
K. SEE CEILING LEGEND FOR CEILING MATERIAL SPECIFICATIONS.
L. PROVIDE WALL MOUNTED VANITY LIGHT AT ALL BATHROOM SINK LOCATIONS, TYP.
M. GYPSUM BOARD SOFFIT ABOVE UPPER CABINETS SHALL BE PAINTED TO MATCH ADJACENT WALL, UNLESS OTHERWISE NOTED.
N. ALL EXPOSED SIDES OF GYPSUM BOARD SOFFIT SHALL BE PAINTED SAME COLOR, UNLESS OTHERWISE NOTED.
O. SEE ELECTRICAL LIGHTING PLANS FOR EXIT SIGN LOCATIONS.

CEILING LEGEND

- SUSPENDED ACOUSTICAL CEILING SYSTEM
- GYPSUM BOARD CEILING
- XXX-1 / XX'-XX" — CEILING MATERIAL / CEILING HEIGHT
- 2' x 2' & 2' x 4' LAY-IN FLAT LIGHTING FIXTURE
- WALL MOUNTED FLOOD LIGHT FIXTURE SEE ELECTRICAL
- RECESSED DOWNLIGHT FIXTURE
- CEILING-MOUNTED EXIT SIGN
- SUPPLY AIR DIFFUSER
- EXHAUST OR RETURN AIR GRILLE

ACT-1
MANUFACTURER: USG
CEILING TILE: RADAR CERAMIC
SIZE: 24"X24"X5/8"
EDGE: SQUARE
GRID: DONN DXLA 15/16"
COLOR: WHITE

GYP-1
GYPSUM BOARD CEILING
PAINTED EP-4, U.N.O.

KEYNOTES - RCP

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

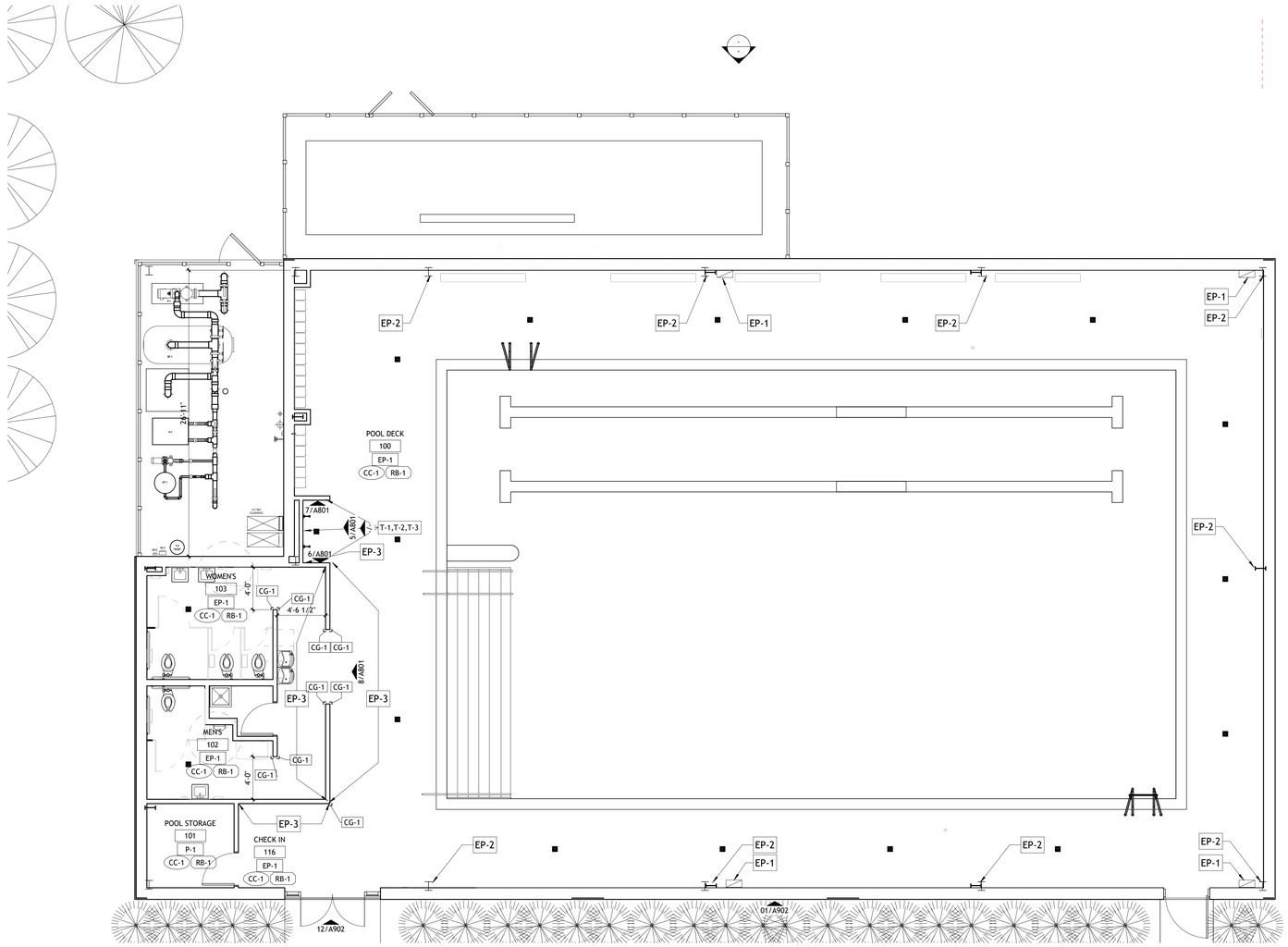
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

1ST FLOOR REFLECTED CEILING PLAN

seal	project number	drawing number
	41229.00	A601
	date: 10/28/2025	
	phase: CD	

11/10/2025 2:15:39 PM



1 A701 1ST FLOOR FINISH PLAN

3/16" = 1'-0"

FINISH LEGEND

EPOXY PAINT:

EP-1
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7056 RESERVED WHITE
FINISH: EGGSHELL (WALLS, WALL MOUNTED EXHAUST DUCT)

EP-2 (BASE BID) STANDARD METAL PAINT ((INTERIOR EXPOSED STRUCTURE, COLUMNS/BEAMS)

EP-2 (ALTERNATE #8)
MANUFACTURER: TNEMEC
COLOR: TO MATCH SW 0048 BUNGLEHOUSE BLUE
FINISH: SEMI-GLOSS (INTERIOR EXPOSED STRUCTURE, COLUMNS/BEAMS)

EP-3
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 6215 ROCKY RIVER
FINISH: EGGSHELL (ACCENT WALLS)

EP-4
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7056 RESERVED WHITE
FINISH: EGGSHELL (CEILINGS)

EP-5
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7643 PUSSYWILLOW
FINISH: SEMI-GLOSS (DOORS AND FRAMES)

PAINT:

P-1
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7056 RESERVED WHITE
FINISH: EGGSHELL (WALLS)

P-2
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7036 ACCESSIBLE BEIGE
FINISH: EGGSHELL
LOCATION: EXTERIOR WOOD FENCING

CONCRETE:

CC-1
MANUFACTURER: SHERWIN WILLIAMS
PRODUCT: CONFLEX
FLEXIBLE CONCRETE WATERPROOFER SMOOTH
COLOR: SW 7643 PUSSYWILLOW

RUBBER BASE:

RB-1
MANUFACTURER: JOHNSONITE
COLOR: 121 CEMENT
STYLE: 4" COVE CONTINUOUS COIL

RESTROOM PARTITIONS

RP-1 (BASE BID)
PLASTIC LAMINATE TOILET PARTITIONS

RP-1 (ALTERNATE #7)
MANUFACTURER: SCRANTON
SERIES: HINY HIDERS
MATERIAL: SOLID PLASTIC (HDPE)
COLOR: BLUEBERRY
TEXTURE: ORANGE PEEL
(OR APPROVED EQUAL)

TILE:

T-1
MANUFACTURER: DALTILE
SERIES: MYTHOLOGY
SIZE: 4"X12"
INSTALL: MONOLYTHIC
COLOR: AURA MY95
GROUT: EPOXY

T-2
MANUFACTURER: DALTILE
SERIES: MYTHOLOGY
SIZE: 4"X12"
INSTALL: MONOLYTHIC
COLOR: OLYMPUS MY91
GROUT: EPOXY

T-3
MANUFACTURER: DALTILE
SERIES: MYTHOLOGY
SIZE: 4"X12"
INSTALL: MONOLYTHIC
COLOR: HARMONIA MY92
GROUT: EPOXY

(ALTERNATE #2) TILE BASE:

TB-1
MANUFACTURER: DALTILE
SERIES: VOLUME 1.0
SIZE: 3"X12"
PROFILE: COVE BASE P-43C9
COLOR: DEGREES SILVER VL71
GROUT: EPOXY

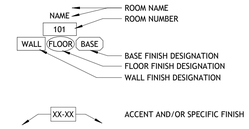
CORNER GUARDS:

CG-1 (ALTERNATE #11)
MANUFACTURER: INPRO
STYLE: 3" SHOCK ABSORBING CORNER GUARD
COLOR: SLATE 0237
HEIGHT: 8FT

GENERAL FINISH NOTES

A. SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE AND INSTALLATION.
B. REFER TO BALANCE OF PLANS AND SPECIFICATIONS FOR FINISH MATERIALS AND REQUIREMENTS NOT INDICATED HEREIN (PARTITION TYPES, CEILINGS, ETC).
C. IF FINISHES ARE NOT INDICATED WITHIN ANY AREA, PROVIDE FINISHES TO MATCH THOSE IN NEAREST ADJACENT AREA.
D. SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES.
E. INTERIOR PAINTING
   a. REFER TO REFLECTED CEILING PLANS FOR GYPSUM BOARD CEILING PAINT COLORS.
   b. PAINT VERTICAL AND HORIZONTAL SURFACES OF GYPSUM BOARD SOFFITS ABOVE UPPER CABINETS TO MATCH WALL PAINT FINISH, UNLESS OTHERWISE NOTED.
   c. WALLS IN ALL SPACES WITH EXPOSED CEILINGS SHALL BE PAINTED UP TO THE UNDERSIDE OF FLOOR / ROOF SLAB ABOVE.
   d. WHERE A SURFACE IS TO BE PAINTED, PROVIDE THE FOLLOWING FINISHES, UNLESS OTHERWISE NOTED:
      - HOLLOW METAL DOORS AND FRAMES: SEMI-GLOSS
      - GYPSUM BOARD WALLS: EGGSHELL
      - GYPSUM BOARD CEILINGS AND SOFFITS: EGGSHELL
      - SEE SPECIFICATIONS
   e. PROVIDE A LEVEL FIVE (5) GYPSUM BOARD FINISH AT THE FOLLOWING LOCATIONS:
      - WHERE WALL IS SCHEDULED TO RECEIVE EPOXY PAINT (EP)
   f. PAINT ALL METAL ACCESS DOORS, ELECTRICAL PANELS, RECESSED CABINET FACES, HVAC REGISTERS, GRILLES, ETC. TO MATCH ADJACENT WALL AND/OR CEILING COLOR, U.N.O.
F. WALL PROTECTION
   a. UNLESS OTHERWISE NOTED, INSTALLED ABOVE THE BASE.

FINISH SYMBOLS LEGEND



KEYNOTES - FINISH PLAN

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

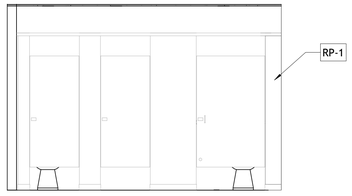
CUT-OFF REC. CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

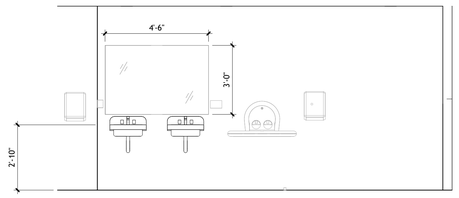
1ST FLOOR FINISH PLAN

seal	project number	drawing number
	41229.00	A701
	date: 10/28/2025	
	phase: CD	

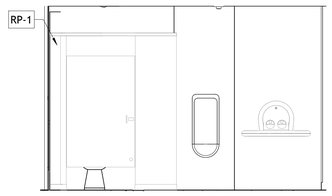
11/10/2025 2:15:36 PM



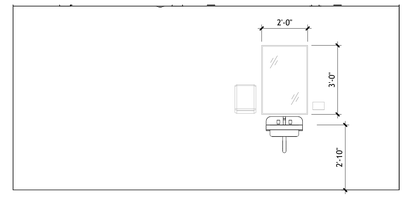
1 RESTROOM 118 - SOUTH
A801 3/8" = 1'-0"



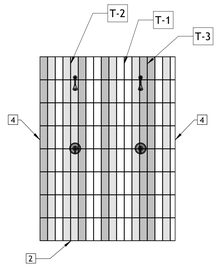
2 RESTROOM 118 - NORTH
A801 3/8" = 1'-0"



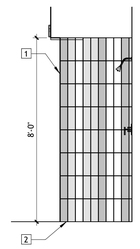
3 RESTROOM 118 - MEN'S NORTH
A801 3/8" = 1'-0"



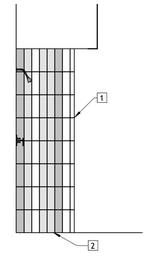
4 RESTROOM 118 - MEN'S SOUTH
A801 3/8" = 1'-0"



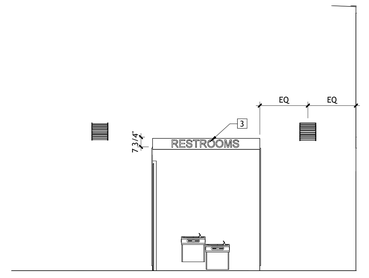
5 SHOWER
A801 3/8" = 1'-0"



6 SHOWER SOUTH
A801 3/8" = 1'-0"



7 SHOWER NORTH
A801 3/8" = 1'-0"



8 RESTROOM ENTRANCE
A801 1/4" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES

A. NOT ALL EQUIPMENT IS SHOWN IN ELEVATION. FOR ALL EQUIPMENT LOCATIONS, SEE EQUIPMENT PLANS.
B. SEE SHEET **G103** FOR STANDARD MOUNTING HEIGHTS AND ADA DETAILS.
C. LOCATIONS OF ALL WALL-MOUNTED EQUIPMENT & ASSOCIATED POWER & DATA ARE SUBJECT TO FURTHER MODIFICATION. COORDINATE FINAL LOCATIONS WITH OWNER PRIOR TO INSTALLATION.

ELEVATION SYMBOL LEGEND

XX — EQUIPMENT TAG
REFER TO EQUIPMENT PLANS AND SCHEDULES.

KEYNOTES - INTERIOR ELEVATION

1	SCHLUTER TRIM, PROFILE RONDEC, MATERIAL - STAINLESS STEEL V4A
2	FLEXIBLE SILICONE SEALANT
3	(ALTERNATE 12) WALL MOUNTED SIGNAGE SEE SPECIFICATION
4	SCHLUTER TRIM, PROFILE DILEX-HKU, MATERIAL - STAINLESS STEEL V4A

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

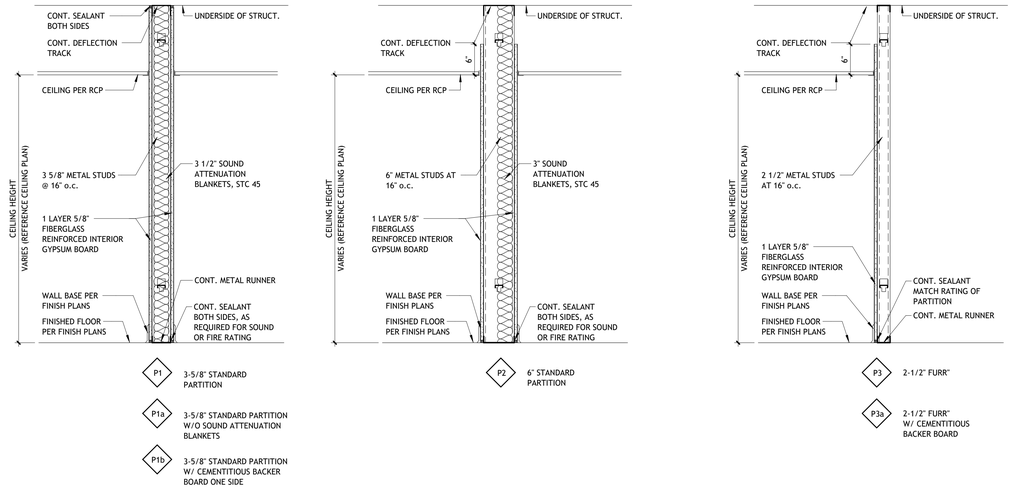
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

INTERIOR ELEVATIONS

seal	project number	drawing number
	41229.00	A801
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:36 PM



1 PARTITION TYPES
A901 1" = 1'-0"

GENERAL PARTITION NOTE: ALL FASTENERS TO BE STAINLESS STEEL OR TO HAVE ANTI-CORROSIVE COATING THROUGHOUT

NOTE:
INTERIOR WALL AND CEILING FURRING GYPSUM BOARD (BASE BID) - IMPACT AND MOISTURE RESISTANT PAPER FACED GYPSUM BOARD WITH LEVEL 4 FINISH
INTERIOR WALL AND CEILING FURRING GYPSUM BOARD (ALTERNATE 9) - FIBERGLASS REINFORCED PAPERLESS GYPSUM BOARD WITH LEVEL 5 FINISH (SEE SPECS)

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

PARTITION TYPES

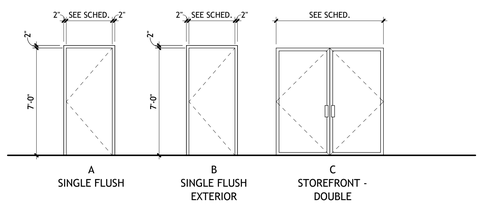
seal	project number	drawing number
	41229.00	A901
	date 10/28/2025	
	phase CD	

11/10/2025 2:15:37 PM

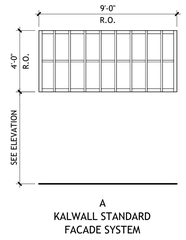
DOOR SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	PANEL	FRAME	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HDWR	FIRE RATING	COMMENTS
100A	C	6'-0 1/32"	7'-0"	GLASS/ALUM.	H.M.	6/A902	7/A902	8/A902	ENTRANCE HDW WITH PANIC HDW		
100B	B	4'-0"	8'-0"	H.M.	H.M.	3/A902	4/A902	5/A902	EXIT ONLY PANIC HARDWARE		HOT DIPPED GALVANIZED DOOR AND FRAME WITH HIGH PERFORMANCE COATING
101	A	3'-0"	7'-0"	H.M.	H.M.	1/A902	2/A902	-	STOREROOM		HOT DIPPED GALVANIZED DOOR AND FRAME WITH HIGH PERFORMANCE COATING
104	A	3'-0"	7'-0"	H.M.	H.M.	1/A902	2/A902	-	STOREROOM		HOT DIPPED GALVANIZED DOOR AND FRAME WITH HIGH PERFORMANCE COATING

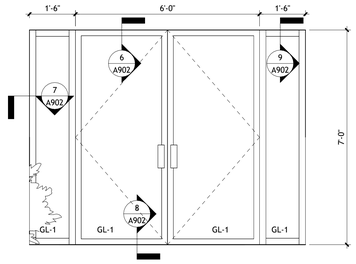
GENERAL DOOR NOTES:
1. SEE SPECIFICATIONS FOR FULL HARDWARE SETS.
2. PROVIDE STAINLESS STEEL HARDWARE IN POLISHED FINISH TO AVOID CORROSION



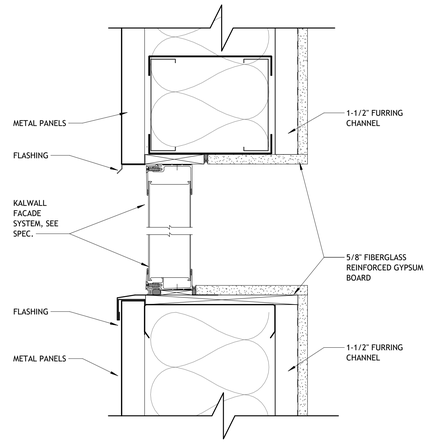
DOOR TYPES
1/4" = 1'-0"



WINDOW TYPES

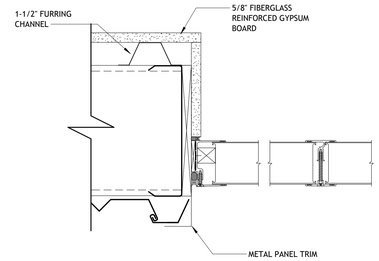


12 A902 STOREFRONT ELEVATION
1/2" = 1'-0"



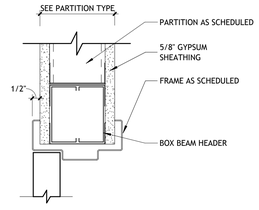
NOTE: INSTALL PER MANUFACTURER'S INSTRUCTIONS

10 A902 KALLWALL HEAD AND SILL
3" = 1'-0"

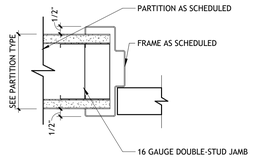


NOTE: INSTALL PER MANUFACTURER'S INSTRUCTIONS

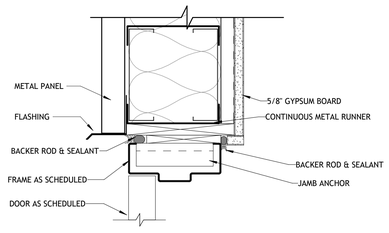
11 A902 KALLWALL JAMB
3" = 1'-0"



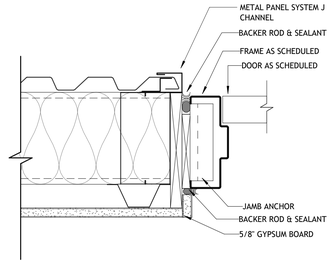
1 A902 H.M. DOOR HEADER
3" = 1'-0"



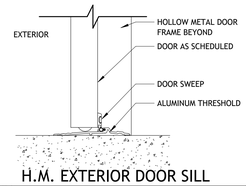
2 A902 H.M. DOOR JAMB
3" = 1'-0"



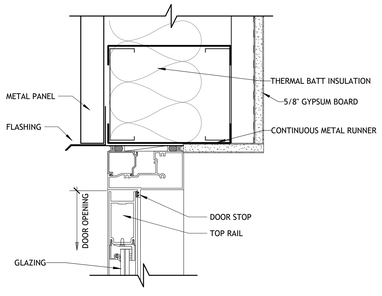
3 A902 H.M. EXTERIOR DOOR HEADER
3" = 1'-0"



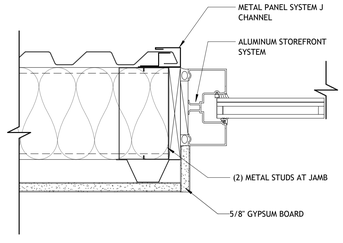
4 A902 H.M. EXTERIOR DOOR JAMB
3" = 1'-0"



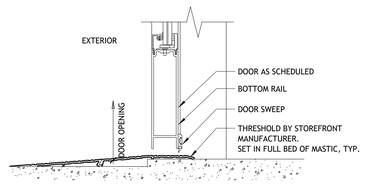
5 A902 H.M. EXTERIOR DOOR SILL
3" = 1'-0"



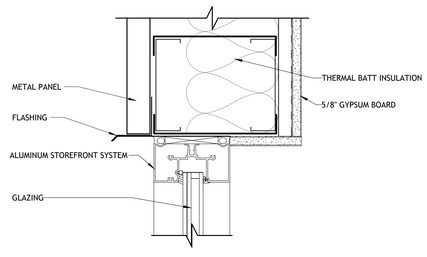
6 A902 STOREFRONT DOOR HEADER
3" = 1'-0"



7 A902 STOREFRONT WINDOW JAMB
3" = 1'-0"



8 A902 STOREFRONT DOOR SILL
3" = 1'-0"



9 A902 STOREFRONT WINDOW HEADER
3" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date

CUT-OFF REC. CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

SCHEDULES AND DETAILS (DOORS AND WINDOWS)

seal	project number	drawing number
	41229.00	A902
	date: 10/28/2025	
	phase: CD	

8/25/2025 1:46:59 PM

GENERAL NOTES

1. THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS AND SPECIFICATIONS FORM A PART OF THESE DRAWINGS AND SHOULD BE USED ACCORDINGLY.
2. SEE SPECIFICATIONS FOR INFORMATION NOT SHOWN ON DRAWINGS.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO FABRICATION AND CONSTRUCTION. ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT CLAIMED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. IF CONDITIONS AND DIMENSIONS VARY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DWGS.
4. NO PIPING SHALL PASS THROUGH BEAMS WITHOUT THE PERMISSION OF THE ARCHITECT.
5. TYPICAL DETAILS
   DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER.
6. DRAWING CONFLICTS
   THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, LANDSCAPE, AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
7. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE STRUCTURE IS TIED TOGETHER AND COMPLETED.
8. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.
9. INTERMITTENT SITE OBSERVATION BY FIELD REPRESENTATIVES OF SCHRENK, ENDOM & FLANAGAN IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS OR TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST GROSS DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
10. THE CONTRACTOR SHALL INVESTIGATE THE EXISTING ADJACENT BUILDING, SEWERS AND OTHER UTILITIES AND SHALL TAKE PROPER AND NECESSARY PRECAUTIONS TO PROTECT SAME FROM DAMAGE DUE TO THE EXECUTION OF NEW WORK. SHOULD DAMAGE OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE COST AND RESPONSIBILITY FOR REPAIRING OR REPLACING THE WORK IN ITS ORIGINAL CONDITION SHALL BE BORNE BY THE CONTRACTOR AT NO COST TO THE OWNER.
11. CONTRACTOR SHALL COORDINATE LOCATIONS, SIZES, EXTENT, ETC. OF CURBS, DEPRESSIONS, SLOPES, RECESSES, EMBEDDED ITEMS, OPENINGS IN SLAB, ETC. WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND OTHER DRAWINGS. THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS FOR INDICATED ITEMS IS SCHEMATIC IN NATURE AND MAY BE INCOMPLETE.
12. SEE OTHER DRAWINGS (HVAC, PLUMBING, ETC.) FOR THE INSTALLATION OF PIPE AND DUCT SLEEVES. THESE SLEEVES SHALL BE STEEL AND SHALL NOT INTERFERE WITH THE STRUCTURAL FRAMING, NOR SHALL THEY IMPAIR THE STRENGTH OF THE STRUCTURE.

FOUNDATION NOTES

1. CONSTRUCTION DEWATERING
   THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION DEWATERING REQUIRED FOR THE EXCAVATION. PROVIDE ADEQUATE DRAINAGE TO DRAIN SURFACE WATER AWAY FROM THE CONSTRUCTION AREA. MOTORIZED EQUIPMENT SHALL NOT BE ALLOWED ON EXPOSED CLAY SURFACES WHEN WET.
2. CONDUITS AND PIPING SHALL NOT BE PLACED WITHIN THE STRUCTURAL SLAB THICKNESS. CONDUITS AT THE FIRST FLOOR REQUIRED
   TO BE ENCASED IN CONCRETE SHALL BE PLACED BENEATH THE SLAB AS SHOWN ON THE DRAWINGS. LIKEWISE, CONDUITS SHALL NOT BE PLACED IN GRADE BEAMS.
3. SEE TYPICAL DETAILS FOR PIPE PENETRATIONS THROUGH SLABS AND GRADE BEAMS
4. PILING:
   CLASS B TREATED TIMBER 9 TON CAPACITY (F.O.S. = 2.0). SEE SPECS. FOR ADDITIONAL INFORMATION.

CONCRETE & REINFORCING STEEL NOTES

1. CONCRETE: (SEE SPECS. FOR ADD'L. INFORMATION)
   a. 4000 PSI 28 DAY COMP. STRENGTH (NORMAL WEIGHT) U.O.N.
   b. MAX. WATER/CEMENT RATIO AT INTERIOR FIRST FLOOR SLABS = 0.45
   c. SUBMIT PROPOSED CONCRETE MIX DESIGNS TO ARCHITECT AND TESTING LABORATORY CONCURRENTLY FOR REVIEW/APPROVAL.
   d. COORDINATE ALL SLAB FINISHES WITH ARCHITECTURAL DOCUMENTS.
   e. ALL PUMPED CONCRETE MUST CONTAIN SUPERPLASTICIZER.
   f. EXTERIOR PILE-SUPPORTED SLAB CONCRETE SHALL CONTAIN A SHRINKAGE INHIBITING ADMIXTURE (SIA) & FIBER REINFORCING (IN ADDITION TO THE CONVENTIONAL REINF. STEEL INDICATED).
2. ALL CONCRETE TO CONFORM WITH THE LATEST A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. (A.C.I. - 301)
   a. THE DESIGN OF CONCRETE MIXES, LOCATING OF CONSTRUCTION JOINTS IN SLABS, STAGGERING OF POUR PLACEMENTS, LOCATION OF POUR STRIPS, AND PLACEMENT AND CURING PROCEDURES ARE TO BE PERFORMED BY THE CONTRACTOR IN A MANNER THAT WILL MINIMIZE SHRINKAGE CRACKING OF THE SLABS. IN ADDITION TO MATERIALS SPECIFICALLY DESIGNATED TO BE USED IN CONCRETE PLACEMENTS, REINFORCING STEEL MAY BE ADDED TO THE SLAB AND/OR FIBER REINFORCING MAY BE ADDED TO THE CONCRETE MIX AT THE CONTRACTOR'S OPTION. THE CONTRACTOR SHALL REPAIR ALL SHRINKAGE CRACKS DESIGNATED AS UNACCEPTABLE BY THE ARCHITECT BY INJECTION GROUTING WITH NO ADDITIONAL COST TO THE CONTRACT. REPAIR MATERIAL SHALL BE APPROPRIATE FOR THE APPLICATION AS RECOMMENDED BY THE MANUFACTURER. PRODUCTS SHALL BE BY SIKA CORPORATION, OR MASTER BUILDERS. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR REVIEW PRIOR TO THE DEVELOPMENT OF SLAB REINFORCING SHOP DRAWINGS, A PROPOSED SLAB CONSTRUCTION JOINT LAYOUT PLAN, ALONG WITH PROPOSED METHODS FOR CONTROLLING SHRINKAGE CRACKING IN THE SLABS. THE LENGTH TO WIDTH RATIO OF A SLAB POUR SHALL BE LIMITED TO 2:1. ADJACENT SLAB POURS SHALL BE 3 DAYS APART, MINIMUM.
3. FOR GRADE BEAMS, USE CONCRETE WEDGES FOR REINFORCING STEEL SUPPORTS (BRICK OR CMU IS NOT ACCEPTABLE). FIRST FLOOR SLAB REINF. TO BE SUPPORTED BY SAND CHAIRS @ 48'o.c. MAX. E.W.
4. SECTIONS DO NOT INDICATE ALL CONCRETE REINFORCING. CHECK SCHEDULES AND NOTES FOR GRADE BEAM AND SLAB REINFORCING.
5. POUR FIRST FLOOR SLAB AREAS ON VAPOR RETARDER (15 MIL.) OVER COMPACTED FILL. 8 MIL. POLYETHYLENE SHEETING MAY BE USED AT EXTERIOR PILE SUPPORTED CONDITIONS.
6. ALL REINFORCING STEEL TO CONFORM WITH REQUIREMENTS OF A.S.T.M. A-615 GRADE 60.
7. PROVIDE REINFORCING BARS AROUND ALL OPENINGS 1'-0" OR GREATER IN SLABS AS SHOWN ON THE DRAWINGS.
8. PROVIDE BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH REQUIREMENTS OF A.C.I. 315 UNLESS NOTED OTHERWISE.
9. CONDUITS SHALL NOT BE PLACED WITHIN FORMED SLABS (SLABS ABOVE FIRST FLOOR).
10. SEE DRAWINGS FOR PLUMBING PENETRATIONS. CONTRACTOR COORDINATE W/ PLUMBING LAYOUT AND SUBMIT PLAN OF PENETRATIONS FOR APPROVAL.
11. WELDED WIRE REINFORCEMENT (WWR) SHALL CONSIST OF CARBON-STEEL PLAIN OR DEFORMED WIRES. CONFORMING TO ASTM A82 OR A496, RESPECTIVELY, FABRICATED INTO SHEETS IN ACCORDANCE WITH ASTM A185. WWR SHALL BE FURNISHED IN FLAT SHEETS ONLY.
11. WWR SHALL BE LAPPED TWO FULL MESH SQUARES.
12. DEFORMED BAR ANCHORS (DBA) SHALL MEET THE REQUIREMENTS OF THE FOLLOWING CODES:
    - AWS D1.1 STRUCTURAL WELDING CODE - STEEL TYPE C
    - ASTM A 496 STEEL WIRE DEFORMED FOR CONCRETE REINFORCEMENT
    - PRECAST/PRE-STRESSED CONCRETE INSTITUTE DESIGN HANDBOOK
    - IBC SECTION 19
    - DBA ANCHORS SHALL HAVE AN ULTIMATE YIELD STRENGTH OF 70 KSI
    - NELSON D2L BARS ARE ACCEPTABLE

POST-INSTALLED ANCHORS

1. U.O.N. ALL POST-INSTALLED BOLTS & REINF. INTO CONCRETE AND CONCRETE FILLED MASONRY USE HILTI HIT-HY 200 MAX-SD INJECTION ADHESIVE ANCHOR (BASIS-OF-DESIGN PRODUCT).
   U.N.O. POST-INSTALLED BOLTS SHALL BE A36 ALL-THREAD GALV. W/ DIAMETER AND EMBEDMENT INDICATED.

DESIGN CRITERIA

1. DESIGN CRITERIA (2021 IBC):
   WIND DESIGN PARAMETERS
   RISK CATEGORY II
   ULTIMATE DESIGN WIND SPEED V = 146 MPH (3 SECOND GUST)
   EXPOSURE B
   INTERNAL PRESSURE COEFFICIENTS: +0.18, -0.18

   SEISMIC DESIGN PARAMETERS
   RISK CATEGORY II
   SITE CLASS E
   ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
   LATERAL SYSTEM: MOMENT FRAMES

   LIVE LOADS
   ROOF = 20 PSF
   FIRST FLOOR = 100 PSF (U.N.O.)
   POOL EQUIPMENT ROOM = 125 PSF.
   GROUND SNOW LOAD (Pg) = 0 PSF

2. MECHANICAL EQUIPMENT LOADS
   THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN, AND SHALL REPORT ANY CHANGES IN LOCATION, NUMBER OF PIECES, AND WEIGHTS OF EQUIPMENT AS SHOWN ON THE MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS AT LEAST TWO WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.

ABBREVIATIONS

MARK	MEANING
(B)	BELOW
(N)	NEW
Ø	DIAMETER
&	AND
@	AT
AA	ADHESIVE ANCHOR
AB	ANCHOR BOLT
ABV	ABOVE
AC	ASPHALT CONCRETE
ADDL	ADDITIONAL
ADJ	ADJACENT
AGGR	AGGREGATE
AL	ALUMINUM
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY for TESTING and MATERIALS
ATR	ALL THREAD ROD
AWG	AMERICAN WIRE GAUGE
BTWN	BETWEEN
BLDG	BUILDING
BM	BEAM
BOF	BOTTOM OF FOOTING
BOTT	BOTTOM
BP	BASE PLATE
BRG	BEARING
BS	BOTH SIDES
℄	CENTER LINE
C	CHANNEL
CANT	CANTILEVER
CBR	CAMBER
CIP	CAST IN PLACE
CL	CENTER LINE
CJ	CONSTRUCTION JOINT (COLD JOINT)
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CP	COMPLETE PENETRATION
CNT	CENTER
DBL	DOUBLE
DK,DKG	DECK, DECKING
DEMO	DEMOLITION
DET	DETAIL
DP	DEEP
DL	DEEP LEG
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DIST	DISTANCE
DN	DOWN
DO	DITTO "THE SAME"
DR	DROP
DWL	DOWEL
DWG	DRAWING
EA	EACH
E.A.	EXPANSION ANCHOR
EE	EACH END
EF	EACH FACE
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
ELEC	ELECTRICAL
ELEV	ELEVATION
EMBED	EMBEDMENT
EOS	EDGE OF SLAB
EJ	EXPANSION JOINT
EV	EVERY
EXCAV	EXCAVATION
EXP	EXPANSION
EXT	EXTERIOR
FF	FAR FACE
FDN	FOUNDATION
FIN	FINISH
FF	FINISH FLOOR
FLR	FLOOR
FO	FACE OF
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FOW	FACE OF WALL
FP	FIREPROOFING
FS	FAR SIDE
FT	FOOT or FEET
FTG	FOOTING
FJ	FLOOR JOIST
GA	GAUGE
GB	GRADE BEAM
GALV	GALVANIZED
GL	GLASS or GLAZING
GRND	GROUND
GR	GRADE
GT	GIRDER TRUSS
GYP BD	GYPSUM BOARD
HDG	HOT DIPPED GALVANIZED
HDR	HEADER
HP	HIGH POINT
HSB	HIGH STRENGTH BOLT
HT	HEIGHT
HK	HOOK
HSS	HOLLOW STRUCTURAL SECTION
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INT	INTERIOR
in	INCH
INFO	INFORMATION
JST	JOIST
JT.	JOINT
K	KIP
KO	KNOCK OUT
L	ANGLE STEEL
LAT	LATERAL
LBS	POUNDS
LD	DEVELOPMENT LENGTH
LDB	HOOK DEVELOPMENT LENGTH
LEV	LEVEL
LGS	LIGHT GAUGE STEEL
LLBB	LONG LEG BACK / BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LP	LOW POINT
LPS	LAP SPLICE LENGTH
LT	LIGHT
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
LWC	LIGHT WEIGHT CONCRETE
MAS	MASONRY
MANUF	MANUFACTURER
MAX	MAXIMUM
MB	MACHINE BOLT
MEZZ	MEZZANINE
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL PLUMBING DOCUMENTS
MTL	METAL
MF	MOMENT FRAME
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NORTH
NF	NEAR FACE
NIC	NOT IN CONTRACT
NS	NEAR SIDE
NTS	NOT TO SCALE
No or #	NUMBER
NOM	NOMINAL (DIAMETER)
NWC	NORMAL WEIGHT CONCRETE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
P	PILE
PAF	POWDER ACTUATED FASTENER
PC	PIPE COLUMN, (STEEL)
PCS	PIECES
PL	PLATE, (STEEL)
PERP	PERPENDICULAR
PP	PARTIAL PENETRATION
PR	PAIR
PT	POINT
PTN	PARTITION
PSF	POUNDS PER SQ. FT.
PSI	POUNDS PER SQ. IN.
RO	ROUGH OPENING
RAD	RADIUS
REF	REFERENCE
REINF	REINFORCED or REINFORCING
REM	REMAINDER
REQ	REQUIRED
REV	REVISION
RFG	ROOFING
SAD	SEE ARCHITECTURAL DOCUMENTS
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SL	SLOPE
SMS	SHEET METAL SCREW
SW	SHEAR WALL
SOG	SLAB ON GRADE
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STAGG	STAGGER or STAGGERED
STD	STANDARD
STIFF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUCT	STRUCTURAL
SUBST	SUBSTITUTE
SUSP	SUSPENDED
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
THK	THICK
THRD	THREADED
THRU	THROUGH
TO	TOP OF
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TOSC	TOP OF STRUCTURAL CONCRETE
TOW	TOP OF WALL
TPL	TRIPLE
TR	TREAD
TS	TUBE STEEL
TRANS	TRANSVERSE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VIF	VERIFY IN FIELD
WF	WIDE FLANGE
w/	WITH
W/O	WITHOUT
WP	WORK POINT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WWR	WELDED WIRE REINFORCING
X HVY	EXTRA HEAVY
XX HVY	DOUBLE EXTRA HVY
X STR	EXTRA STRONG
XX STR	DOUBLE EXTRA STRONG

LEGEND

SYMBOL	DESCRIPTION
1 / S5.5	DETAIL NO. / SHEET LOCATION
1 / S5.5	VIEW DIRECTION (SHADED) / SECTION/ELEVATION NO. / SHEET LOCATION
EL.= 115'-0" S.A.D.	ELEVATION RELATIVE TO 1ST FLOOR TOP OF SLAB ELEVATION: 0'-0" / NOTE
W16x40 (6)	INDICATES SHEAR STUD LAYOUT PATTERN
W16x40 [-2"]	INDICATES UPSET (+) OR DEPRESS (-) FROM REFERENCE ELEVATION.
W16x40 (C = 1.5")	INDICATES UPWARD/POSITIVE CAMBER AT MIDSPAN OF BEAM.
W.P.	WORK POINT.
SLOPE (+)	INDICATES SLOPED BEAM, SLAB, OR DECK WHERE ARROWHEAD INDICATES DOWNWARD (-) OR UPWARD (+) DIRECTION.

SYMBOL	DESCRIPTION
	INDICATES STEP IN SLAB, S.A.D. FOR DIFFERENTIAL AND LOCATION
typ.	INDICATES FIELD WELD. ALSO SEE STRUCTURAL STEEL NOTE 5. / WELD NOTES / CENTER TO CENTER WELD SPACING (INCHES) / WELD LENGTH (INCHES) / WELD TYPE / WELD SIZE. REFER TO AISC, LATEST EDITION, FOR ALL WELD TYPES & SYMBOLS
1	SHEET NOTE CALLOUT
1	REVISION NO.
	AFFECTED REGION DUE TO CURRENT REVISION.

2021 IBC COMPONENTS AND CLADDING DESIGN PRESSURES (PSF)

ZONE / EWA (FT^2)	NATATORIUM BUILDING											
	1' (ROOF FIELD)		1 (ROOF INTERMEDIATE)		2 (ROOF EDGE)		3 (ROOF CORNER)		4 (WALL FIELD)		5 (WALL EDGE)	
≤10	16	-36	16	-62	16	-81	16	-111	35	-38	35	-47
20	16	-36	16	-58	16	-76	16	-100	33	-36	33	-44
50	16	-36	16	-52	16	-69	16	-86	31	-34	31	-39
100	16	-36	16	-48	16	-64	16	-76	30	-33	30	-36
200	16	-29	16	-44	16	-59	16	-65	28	-31	28	-33
≥500	16	-20	16	-39	16	-52	16	-51	26	-29	26	-29

NOTES:
1.) EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2.) FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES.
3.) PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
4.) REFER TO ARCHITECTURAL DOCUMENTS FOR FACTORY MUTUAL RATED SYSTEM REQUIREMENTS.
5.) WIND PRESSURES ARE ULTIMATE STRENGTH LEVEL.

SIZELER THOMPSON BROWN ARCHITECTS
SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

ADD NATATORIUM
6600 BELGRADE ST.

GENERAL NOTES

seal: STATE OF LOUISIANA — JOHN R. THOMPSON — 35245 — REGISTERED PROFESSIONAL ENGINEER — IN — CIVIL ENGINEERING

project number	drawing number
41229.00	S101
date: 10/28/2025	
phase: CD	

mdamaro Oct 28, 2025 - 9:44am E:\Struct\7298 ADD Natatorium\Struct\CAD\7298 S101 General Notes.dwg

SPECIAL INSPECTION PER THE 2021 IBC:

1. THE OWNER WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE REQUIRED SPECIAL INSPECTION ITEMS.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON FROM AN APPROVED AGENCY WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
3. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR
   THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH:
   A. THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
   B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL-OF-RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL-OF-RECORD, UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
   C. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE BUILDING CODE.
4. WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF OTHER SPECIFIED TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
5. STRUCTURAL OBSERVATION (AS DEFINED IN CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE) IS NOT REQUIRED, UNLESS SPECIFICALLY REQUIRED BY THE BUILDING OFFICIAL.

	LIST OF SPECIAL INSPECTIONS	CONT.	PERIODIC	N/A	REFERENCED STANDARD
					IBC TABLE 1705.3
CONCRETE	1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT	–	X	–	ACI 318: 3.5, 7.1–7.7
	2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2B	X	X	–	SEE OTHER STEEL SECTION
	3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED	–	X	–	ACI 318: 8.1.3, 21.2.8
	4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS	–	X	–	ACI 318: 3.8.6, 8.1.3, 21.2.8
	5. VERIFYING USE OF REQUIRED DESIGN MIX	–	X	–	ACI 318: CH. 4, 5.2–5.4
	6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	–	–	ASTM C172; ASTM C31; ACI 318: 5.6, 5.8
	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	–	–	ACI 318: 5.9, 5.10
	8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	–	X	–	ACI 318: 5.11–5.13
	9. INSPECTION OF PRESTRESSED CONCRETE:				
	A. APPLICATION OF PRESTRESSING FORCES	X	–	–	ACI 318: 18.20
	B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM	X	–	–	ACI 318: 18.18.4
	10. ERECTION OF PRECAST CONCRETE MEMBERS	–	X	–	ACI 318: CH. 16
	11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	–	X	–	ACI 318: 6.2
	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	–	X	–	ACI 318: 6.1.1
FOUNDATIONS					
WIND RESISTANCE	1. SPECIAL INSPECTION FOR WIND RESISTANCE IS REQUIRED WHEN:				
	A. WIND EXPOSURE CATEGORY B WHEN THE ULTIMATE DESIGN WIND SPEED IS GREATER THAN OR EQUAL TO 143 MPH (NOMINAL DESIGN WIND SPEED GREATER THAN OR EQUAL TO 110 MPH)	–	X	–	IBC 1705.10.1, 1705.11.2
	2. COLD-FORMED STEEL LIGHT FRAME CONSTRUCTION				
	A. WELDING OPERATIONS OF ELEMENTS OF THE MAIN-WINDFORCE-RESISTING SYSTEM	–	X	–	IBC 1705.10.1, 1705.11.2
	B. SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING TO COMPONENTS OF THE MAIN-WINDFORCE RESISTING SYSTEM, INCLUDING X-BRACES, DRAG STRUTS, BRACES, SHEAR PANELS, AND HOLD-DOWNS				
	3. WIND RESISTING COMPONENTS				
	A. ROOF CLADDING	–	X	–	IBC 1705.10.1, 1705.11.2
	B. WALL X-BRACES	–	X	–	IBC 1705.10.1, 1705.11.2
OTHER STEEL CONSTRUCTION					IBC TABLE 1705.2.2
	1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK				
	A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	–	X	–	APPLICABLE ASTM STANDARD
	B. MANUFACTURER'S CERTIFIED TEST REPORTS	–	X	–	
	2. INSPECTION OF WELDING				
	A. COLD-FORMED STEEL DECK				AWS D1.3
	i. FLOOR AND ROOF DECK WELDS	–	X	–	
	B. REINFORCING STEEL				AWS D1.4; ACI 318: 3.5.2
	i. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706	–	X	–	
	ii. REINFORCING STEEL RESISTING FLUEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT	X	–	–	
	C. SHEAR REINFORCEMENT	X	–	–	
	D. OTHER REINFORCING STEEL	–	X	–	
		X	–	–	IBC 1705.2.2.2

LIST OF SPECIAL INSPECTIONS

		CONT.	PERIODIC	N/A	REFERENCED STANDARD
					IBC SECTION 1705.2
STRUCTURAL STEEL	1. INSPECTION TASKS PRIOR TO WELDING				AISC 360 TABLE N5.4-1
	A. WELDING PROCEDURE SPECIFICATIONS AVAILABLE	X	–	–	AWS D1.1/D1.1M
	B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	–	–	
	C. MATERIAL IDENTIFICATION, INCLUDING TYPE OR GRADE	–	X	–	
	D. WELDER IDENTIFICATION SYSTEM	–	X	–	
	E. FIT UP OF GROOVE WELDS INCLUDING JOINT GEOMETRY	–	X	–	
	i. JOINT PREPARATION				
	ii. DIMENSIONS – ALIGNMENT, ROOT OPENING, ROOT FACE, AND BEVEL				
	iii. CLEANLINESS – CONDITION OF STEEL SURFACES				
	iv. TACKING – TACK WELD QUALITY AND LOCATION				
	v. BACKING TYPE AND FIT IF APPLICABLE				
	F. CONFIGURATION AND FINISH OF ACCESS HOLES	–	X	–	
	G. FIT-UP OF FILLET WELDS	–	X	–	
	i. DIMENSIONS – ALIGNMENT, GAPS AT ROOT				
	ii. CLEANLINESS – CONDITION OF STEEL SURFACES				
	iii. TACKING – TACK WELD QUALITY AND LOCATION				
		–	X	–	
	2. INSPECTION TASKS DURING WELDING				AISC 360 TABLE N5.4-2
	A. USE OF QUALIFIED WELDERS				AWS D1.1/D1.1M
	B. CONTROL AND HANDLING OF WELDING CONSUMABLES	–	X	–	
	i. PACKAGING	–	X	–	
	ii. EXPOSURE CONTROL				
	C. NO WELDING OVER CRACKED TACK WELDS				
	D. ENVIRONMENTAL CONDITIONS	–	X	–	
	i. WIND SPEED WITHIN LIMITS	–	X	–	
	ii. PRECIPITATION AND TEMPERATURE				
	E. WPS FOLLOWED				
	i. SETTINGS ON WELDING EQUIPMENT	–	X	–	
	ii. TRAVEL SPEED				
	iii. SELECTED WELDING MATERIALS				
	iv. SHIELDING GAS TYPE/FLOWRATE				
	v. PREHEAT APPLIED				
	vi. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)				
	vii. PROPER POSITION (F, V, H, OH)				
	F. WELDING TECHNIQUES				
	i. INTERPASS AND FINAL CLEANING	–	X	–	
	ii. EACH PASS WITHIN PROFILE LIMITATIONS				
	iii. EACH PASS MEETS QUALITY REQUIREMENTS				
	3. INSPECTION TASKS AFTER WELDING				AISC 360 TABLE N5.4-3
	A. WELDS CLEANED				AWS D1.1/D1.1M
	B. SIZE, LENGTH, AND LOCATION OF WELDS	–	X	–	
	C. WELDS MEET VISUAL ACCEPTANCE CRITERIA	X	–	–	
	i. CRACK PROHIBITION	X	–	–	
	ii. WELD/BASE METAL FUSION				
	iii. CRATER CROSS SECTION				
	iv. WELD PROFILES				
	v. WELD SIZE				
	vi. UNDERCUT				
	vii. POROSITY				
	D. ARC STRIKES				
	E. k-AREA	X	–	–	
	F. BACKING REMOVED AND WELD TABS REMOVED WHERE REQUIRED	X	–	–	
	G. REPAIR ACTIVITIES	X	–	–	
	H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X	–	–	
		X	–	–	AISC 360 SECTION N5.5
	4. NONDESTRUCTIVE TESTING OF WELDED JOINTS				AWS D1.1/D1.1M
	A. ULTRASONIC TESTING (UT), MAGNETIC PARTICLE TESTING (MT), PENETRANT TESTING (PT) AND RADIOGRAPHIC TESTING (RT), WHERE REQUIRED, SHALL BE PERFORMED BY QUALITY ASSURANCE INSPECTOR IN ACCORDANCE WITH AWS D1.1/D1.1M. ACCEPTANCE CRITERIA SHALL BE IN ACCORDANCE WITH D1.1/D1.1M FOR STATICALLY LOADED STRUCTURES, UNLESS OTHERWISE DESIGNATED ON THE DESIGN DRAWINGS OR PROJECT SPECIFICATIONS				
	B. FOR STRUCTURES IN RISK CATEGORY III, UT SHALL BE PERFORMED ON ALL CJP GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T-, AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER	X	–	–	
	C. FOR STRUCTURES IN RISK CATEGORY II, UT OF CJP GROOVE WELDS SHALL BE PERFORMED ON 10% SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T-, AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER	–	X	–	
	D. THERMALLY CUT SURFACES OF ACCESS HOLES SHALL BE TESTED USING MT OR PT, WHEN THE FLANGE THICKNESS EXCEEDS 2" FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 2" FOR BUILT-UP SHAPES	X	–	–	
	E. WELDED JOINTS SUBJECT TO FATIGUE – WHEN REQUIRED BY AISC 360 APPENDIX 3, TABLE A-3.1, WELD SOUNDNESS TO BE ESTABLISHED BY RT OR UT INSPECTION SHALL BE TESTED AS PRESCRIBED	–	X	–	
	F. THE RATE OF ULTRASONIC TESTING IS PERMITTED TO BE REDUCED IF THE REQUIREMENTS OF ASIC 360 SECTION N.5.5.E ARE SATISFIED, AND THE REDUCTION IS APPROVED BY THE ENGINEER OF RECORD OR THE APPROVER HAVING JURISDICTION. THE RATE OF ULTRASONIC TESTING MAY BE INCREASED IF THE REJECT RATE IS TOO HIGH, AS OUTLINED IN AISC 360 SECTION N.5.5.F				
	H. ALL NONDESTRUCTIVE TESTING PERFORMED SHALL BE DOCUMENTED, WHETHER COMPLETED IN THE SHOP OR THE FIELD. WHEN A WELD IS REJECTED BASED ON NONDESTRUCTIVE TESTING, THE RECORD SHALL INDICATE THE LOCATION OF THE DEFECT AND THE BASIS OF THE REJECTION	X	–	–	
	5. INSPECTION TASKS PRIOR TO BOLTING				AISC 360 TABLE N5.6-1
	A. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X	–	–	
	B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	–	X	–	
	C. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL – GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE	–	X	–	
	D. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	–	X	–	
	E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	–	X	–	AISC 360 TABLE N5.6-2
	F. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED (NOT REQUIRED FOR SNUG-TIGHT JOINTS)	–	X	–	
	H. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	–	X	–	
	6. INSPECTION TASKS DURING BOLTING				
	A. FASTENER ASSEMBLIES OF SUITABLE CONDITION PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	–	X	–	
	B. JOINT BROUGHT TO THE SNUG-TIGHT POSITION PRIOR TO THE PRETENSIONING OPERATION	–	X	–	
	C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	–	X	–	
	D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARDS THE FREE EDGES	–	X	–	
	E. EXCEPTIONS: THE INSPECTOR NEED NOT BE PRESENT DURING THE INSTALLATION OF FASTENERS IN SNUG-TIGHT JOINTS. THE INSPECTOR NEED NOT BE PRESENT DURING THE INSTALLATION OF PRETENSIONED AND SLIP-CRITICAL JOINTS WHEN USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT, OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION				
	7. INSPECTION TASKS AFTER BOLTING				AISC 360 TABLE N5.6-3
	A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	–	–	
	8. OTHER INSPECTION TASKS				AISC 360 SECTION N5.7
	A. THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. AS A MINIMUM, DIAMETER, GRADE, TYPE AND LENGTH OF ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE SHALL BE VERIFIED PRIOR TO PLACEMENT OF CONCRETE	X	–	–	
	B. THE SPECIAL INSPECTOR SHALL INSPECT THE FABRICATED STEEL OR ERECTED STEEL FRAME, AS APPROPRIATE, TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS, SUCH AS BRACES, STIFFENERS, MEMBER LOCATIONS, AND PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	X	–	–	
	9. INSPECTION OF COMPOSITE CONSTRUCTION				AISC 360 TABLE N6.1
	A. PLACEMENT AND INSTALLATION OF STEEL DECK	X	–	–	
	B. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	X	–	–	
	C. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS	X	–	–	
	10. THESE INSPECTIONS ARE INTENDED TO SATISFY QUALITY ASSURANCE AND NON-DESTRUCTIVE TESTING REQUIREMENTS OUTLINED IN AISC 360-10, CHAPTER N. THE FABRICATOR AND ERECTOR SHALL MAINTAIN THEIR OWN QUALITY CONTROL PROCEDURES AND PERFORM INSPECTIONS TO ENSURE THAT THEIR WORK IS PERFORMED IN ACCORDANCE WITH THE AISC 360-10 SPECIFICATION AND THE CONSTRUCTION DOCUMENTS.				

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

ADD NATATORIUM
6600 BELGRADE ST.

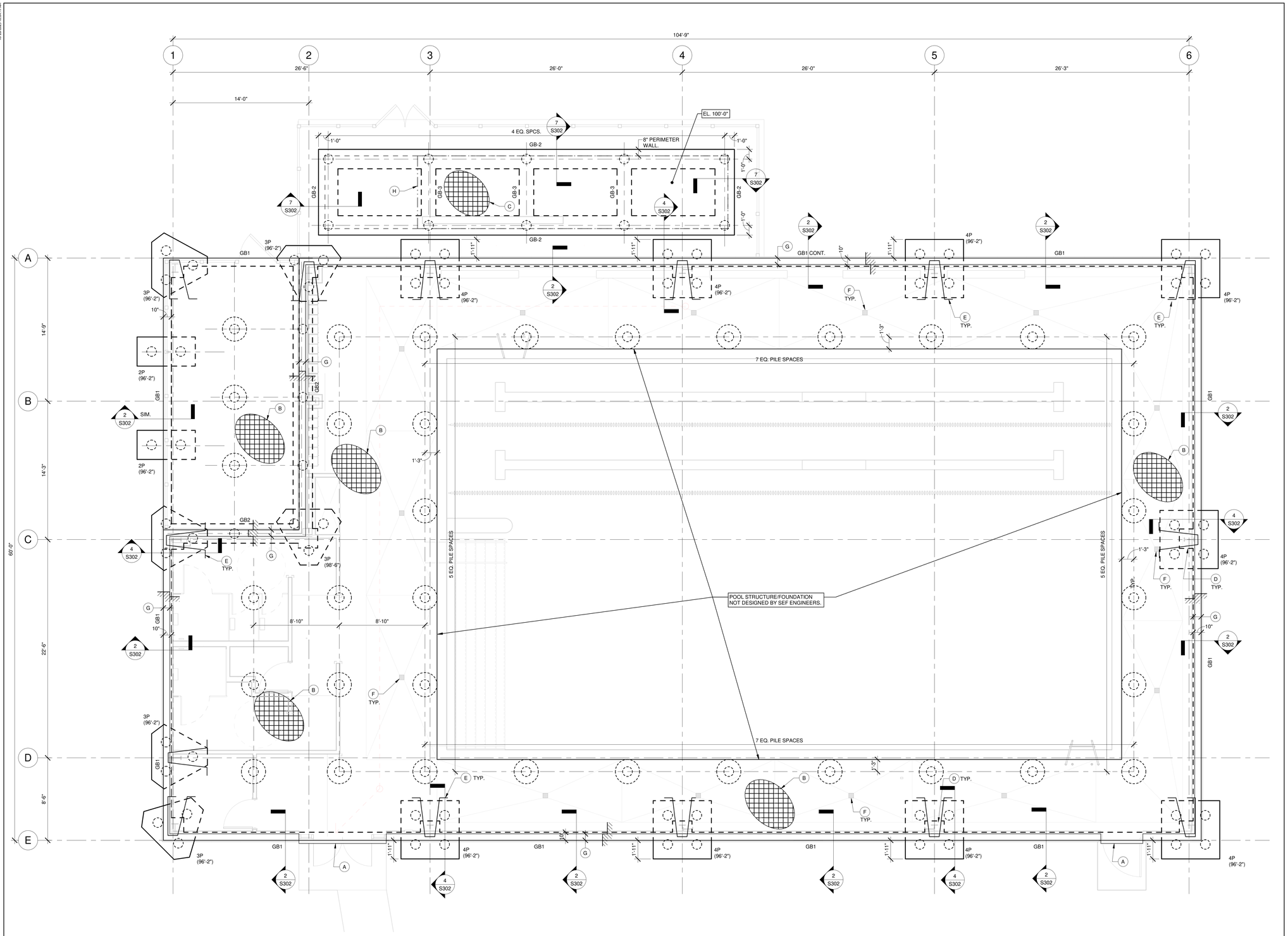
SPECIAL INSPECTIONS

seal: STATE OF LOUISIANA, JOHN B. SIZELER, 23545, REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

project number	drawing number
41229.00	S102
date: 10/28/2025	
phase: CD	

8/25/2025 1:46:59 PM
mdamare Oct 28, 2025 - 9:43am E:\Struct\7298 ADD Natatorium\Struct\CAD\7298 S102 Special Insp.dwg

10/28/2025 10:04:19 AM



1 FOUNDATION PLAN
S201 1/4" = 1'-0"

GRADE BEAM SCHEDULE							
MARK	SIZE		REINFORCEMENT			STIRRUPS FROM EACH PILE & PILE CAP	REMARKS
	W	D	TOP CONT.	TOP @ SUPPORT	BOT. CONT.		
GB-1	10"	39"	(2) #8		(2) #8	#4 BARS @ 12" O.C.	(2) #4 BARS AT EACH SIDE W/ CORNER BARS
GB-2	24"	18"	(3) #6		(3) #6	#3 BARS @ 24" O.C.	
GB-3	18"	18"	(3) #7		(2) #6	#3 BARS @ 5" O.C.	

FOUNDATION PLAN LEGEND/NOTES	
MARK	DESCRIPTION
A	4" WIDE PAVEMENT SUPPORT LEDGE
B	5" SLAB W/ #5 @ 10"o.c. E.W. AT MID-HEIGHT.
C	6" SLAB W/ #4 @ 12"o.c. E.W. BOTT.
D TYP.	FORMED CONCRETE PEDESTAL AT COLUMN (TYP.) PER 4/S302. PEDESTAL AND GRADE BEAM SHALL BE POURED MONOLITHICALLY.
E TYP.	#7 BAR TYP. AROUND ANCHOR BOLTS AT EACH METAL BLDG. COLUMN.
4P (96'-2")	PILE CAP DESIGNATION WITH TOP OF CAP ELEVATION.
	JOB PILE. REFER TO GENERAL NOTES AND SPECIFICATIONS.
GBX	GRADE BEAM DESIGNATION. REFER TO SCHEDULE
ELEV. 100'-0" = 7.00' NAVD (SURVEY ELEVATION)	
F TYP.	FLOOR DRAIN. SEE ARCH. & PLUMBING DOCS. FOR QUANTITY AND LAYOUT. SLOPE POOL DECK SLAB TO DRAIN PER ARCH. DWGS.
G	4" HIGH CONT. CONCRETE CURB.
H	DEHUMIDIFIER (13,000 LBS. MAX.)

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date

ADD NATATORIUM
6600 BELGRADE ST.

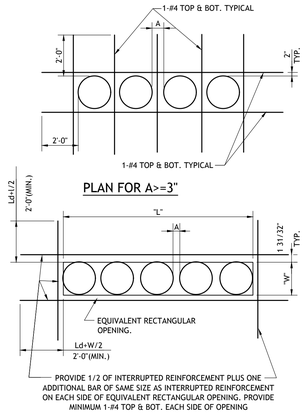
FOUNDATION PLAN

seal: STATE OF LOUISIANA — JOHN E. DUDA — NO. 36145 — REGISTERED PROFESSIONAL ENGINEER IN — CIVIL ENGINEERING

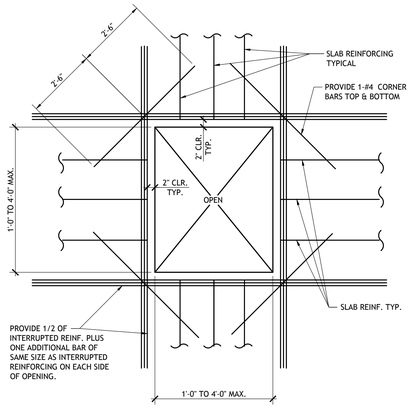
project number	drawing number
41229.00	S201
date: 10/28/2025	
phase: CD	

8/25/2025 1:46:59 PM

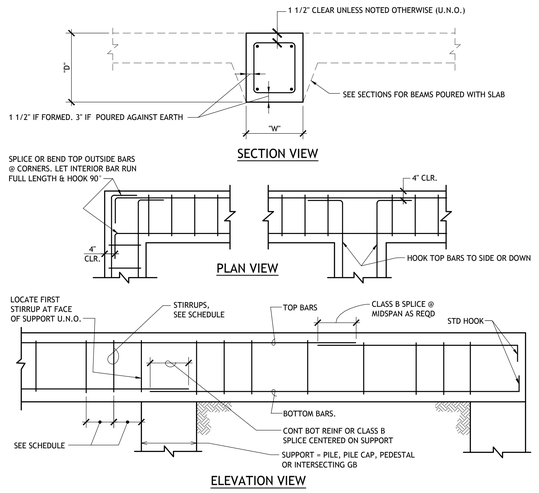
NOTES:
1. WHERE CLEAR SPACING BETWEEN ADJACENT SLEEVES IS LESS THAN 3", THE SLEEVE GROUP SHALL BE TREATED AS AN EQUIVALENT RECTANGULAR OPENING WITH LENGTH "L" AND WIDTH "W" AS SHOWN ABOVE.
2. WHERE CLEAR SPACING BETWEEN ADJACENT SLEEVES IS GREATER THAN OR EQUAL TO 3". SCHEDULE SLAB BAR REINFORCEMENT SHALL BE OFFSET AS REQUIRED TO MISS SLEEVES.
3. REINFORCEMENT SHOWN IS ADDITIONAL TO SCHEDULED SLAB REINFORCEMENT.
4. SCHEDULED SLAB MESH REINFORCEMENT, MAY BE CUT AS REQUIRED TO MISS PIPE SLEEVES.
5. REFER TO MECHANICAL DRAWINGS FOR LOCATION AND SIZE OF SLEEVES.
6. ISOLATED PIPE SLEEVES THAT ARE SMALLER THAN 5" AND DO NOT INTERRUPT REINFORCING, DO NOT REQUIRE THE USE OF THIS DETAIL.
7. THIS DETAIL SHOULD NOT BE USED FOR OPENING GROUPS WITH DIAMETERS LARGER THAN 12". CONSULT ENGINEER FOR FRAMING OF SUCH CONDITIONS.



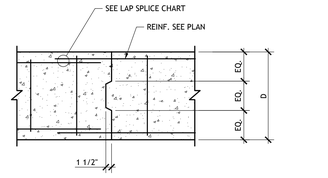
1 **TYP. DETAIL FOR ADDITIONAL REINFORCING AROUND VERTICAL PIPE SLEEVE**
S301 N.T.S.



2 **TYPICAL DETAIL AT OPENING IN CONCRETE SLAB FLOOR**
S301 N.T.S.



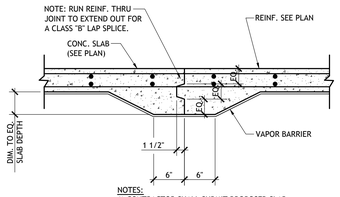
3 **TYPICAL GRADE BEAM REINF. DETAIL**
S301 N.T.S.



NOTE:
LOCATE CONSTRUCTION JOINT IN CTR. SPAN OR OVER PILE CAP. RUN REINFORCING THROUGH JOINT.

ELEVATION

4 **CONSTRUCTION JOINT FOR GRADE BEAMS**
S301 N.T.S.



NOTES:
1) CONTRACTOR SHALL SUBMIT PROPOSED SLAB CONSTRUCTION JOINT PLAN PER GENERAL NOTES
2) ADJACENT SLAB PORTIONS MAY NOT BE POURED W/N 3 DAYS OF EACH OTHER. REFER TO GENERAL NOTES

7 **SLAB ON GRADE CONSTRUCTION JOINT**
S301 N.T.S.

TENSION LAP SPLICE LENGTH CHART
CLASS B

BAR SIZE	F'c=3000psi				F'c=4000psi				F'c=5000psi			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#3	28	42	22	32	24	36	19	28	22	33	17	25
#4	37	56	29	43	32	48	25	37	29	43	22	33
#5	47	70	36	54	40	60	31	47	36	54	28	42
#6	56	84	43	64	48	72	37	56	43	65	33	50
#7	81	122	63	94	70	106	54	81	63	94	49	73
#8	93	139	72	107	80	121	62	93	72	108	55	83
#9	105	157	81	121	91	136	70	105	81	122	63	94
#10	118	177	91	136	102	153	79	118	91	137	70	105
#11	131	196	101	151	113	170	87	131	101	152	78	117

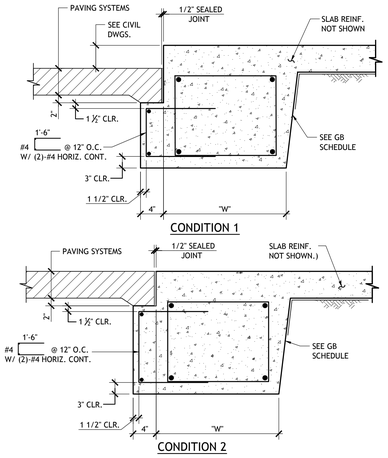
NOTES:

1. TABULATED VALUES ARE BASED ON GRADE 60 REINFORCING BARS AND NORMAL WEIGHT CONCRETE.
2. TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPLICE LENGTHS ARE BASED ON ACI 318. TABULATED VALUES FOR BEAMS ARE BASED ON TRANSVERSE REINFORCEMENT AND CONCRETE OVER MEETING MINIMUM CODE REQUIREMENTS. LENGTHS ARE IN INCHES.
3. CASES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER, AND THE CENTER-TO-CENTER SPACING OF THE BARS, ARE DEFINED AS:

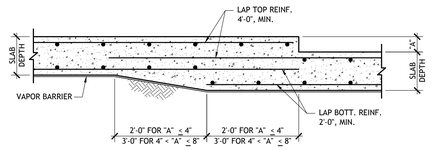
BEAMS	CASE 1	COVER AT LEAST $1d_b$ AND c.-c. SPACING AT LEAST $2d_b$
	CASE 2	COVER LESS THAN $1d_b$ AND c.-c. SPACING LESS THAN $2d_b$
ALL OTHERS	CASE 1	COVER AT LEAST $1d_b$ AND c.-c. SPACING AT LEAST $3d_b$
	CASE 2	COVER LESS THAN $1d_b$ AND c.-c. SPACING LESS THAN $3d_b$

4. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
5. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.

5 **TYPICAL GRADE BEAM REINF. DETAIL**
S301 N.T.S.



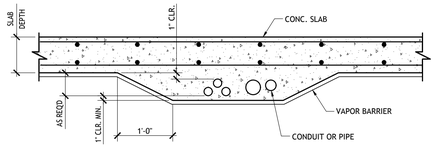
6 **TYPICAL PAVEMENT SUPPORT LEDGES WHERE INDICATED ON FOUNDATION PLAN**
S301 N.T.S.



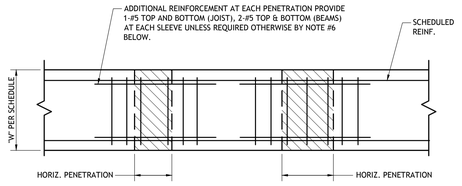
UNLESS INDICATED TO BE LOWERED OVER FULL-LENGTH ADJUST GB & GB REINF. OVER 4'-0" LENGTH AT DEPRESSIONS. SCHEDULED OVERALL GB DEPTH TO BE MAINTAINED.

CONTRACTOR OPTION: REINFORCEMENT MAY BE DRAPED AT SHALLOW DEPRESSIONS (LESS THAN 1"). MAINTAIN MINIMUM CONCRETE COVER.

8 **SLAB AT DEPRESSION**
S301 N.T.S.

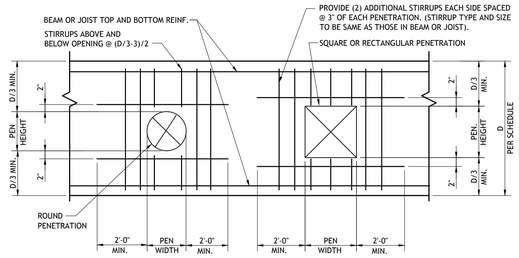


9 **CONDUIT OR PIPE IN CONCRETE SLAB**
S301 N.T.S.

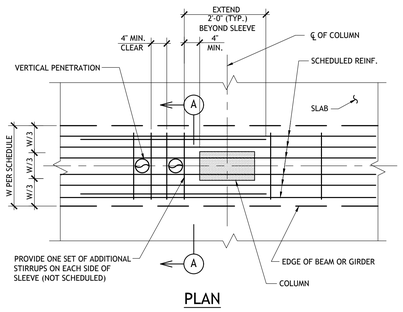


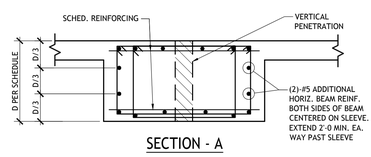
NOTES:

1. GENERAL CONTRACTOR TO COORDINATE LOCATION, SIZE AND ELEVATION AND INCLUDE IN HIS CONTRACT PRICE ALL REQUIRED HORIZONTAL PENETRATIONS THROUGH CONCRETE BEAMS, WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT.
2. WHERE BEAM PENETRATIONS ARE REQUIRED, BUT ARE NOT SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS, SUBMIT DRAWINGS SHOWINGS DIMENSIONS AND LOCATIONS OF ALL REQUIRED PENETRATIONS, FOR REVIEW AND APPROVAL.
3. "D" DENOTES THE DEPTH OF BEAM.
4. CLEAR SPACING BETWEEN PENETRATIONS, SHALL BE 24" MINIMUM UNLESS DESIGNED OTHERWISE BY THE ENGINEER.
5. PENETRATIONS SHALL BE LOCATED ACCORDING TO THE FOLLOWING CRITERIA:
   a. FOR BEAMS NOT SUPPORTING INTERSECTING BEAMS: PENETRATIONS WITHIN TWO FEET EITHER SIDE OF BEAM MIDSPAN.
   b. FOR BEAMS SUPPORTING INTERSECTING BEAMS CHECK WITH STRUCTURAL ENGINEER.
6. FOR LOCATIONS AND/OR SIZES OF PENETRATIONS NOT CONFORMING TO THE ABOVE CRITERIA AND NOT OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE THE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.



10 **TYPICAL GRADE BEAM DETAIL W/ HORIZONTAL PENETRATIONS**
S301 N.T.S.





NOTES:

1. REQUIRED BEAM SLEEVES ARE TO BE COORDINATED WITH M.E.P. CONTRACTORS. REQUIRED SLEEVES MAY OR MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHALL SUBMIT PLAN SHOWING LAYOUT OF ALL SLEEVES WITH FORM WORK SHOP DRAWING SUBMITTAL.
2. SLEEVES SHALL BE LOCATED ON THE BEAM CENTERLINE OR AT LEAST WITHIN THE MIDDLE THIRD OF THE SCHEDULED BEAM WIDTH.
3. CONTINUOUS BEAM REINFORCING MAY BE SLIGHTLY DISPLACED (3"MAX.) OR ADJACENT BARS BUNDLED (2 BARS BUNDLES MAX.) TO FACILITATE SLEEVE INSTALLATION, DO NOT CUT, OFFSET, OR BEND REINFORCING.
4. SLEEVES OCCURRING ON OPPOSITE SIDES OF A COLUMN MUST BE IN LINE.
5. THE OUTSIDE DIAMETER OF A SLEEVE MAY NOT EXCEED 15% OF THE SCHEDULE WIDTH OF THE BEAM THROUGH WHICH IT MUST PASS.
6. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD FOR DIRECTIONS WHEN A SLEEVE SIZE OR LOCATION DOES NOT MEET THE CONDITIONS ESTABLISHED ABOVE.

11 **TYPICAL GRADE BEAM DETAIL W/ VERTICAL PENETRATIONS**
S301 N.T.S.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

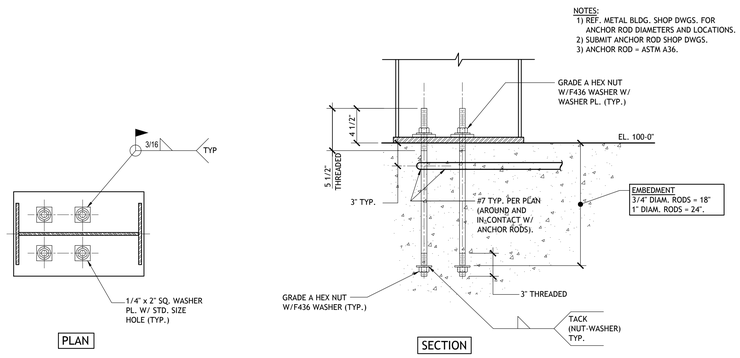
ADD NATATORIUM
6600 BELGRADE ST.

FOUNDATION DETAILS

seal: STATE OF LOUISIANA — JOHN B. [illegible] — 38245 — REGISTERED PROFESSIONAL ENGINEER IN — CIVIL ENGINEERING

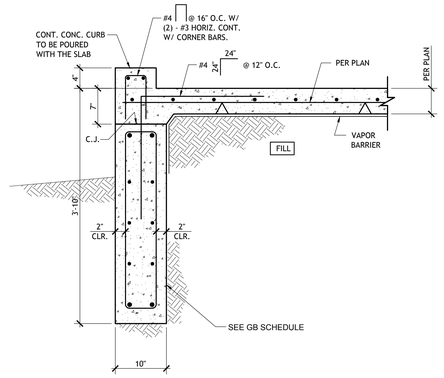
project number	41229.00
date	10/28/2025
phase	CD
drawing number	S301

8/25/2025 1:46:59 PM



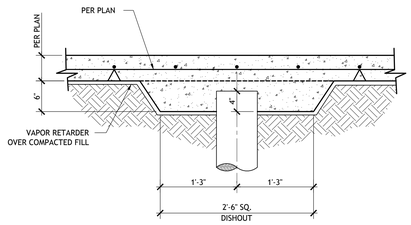
1 TYPICAL ANCHOR ROD DETAIL AT METAL BLDG. COLUMNS

S302 NOT-TO-SCALE



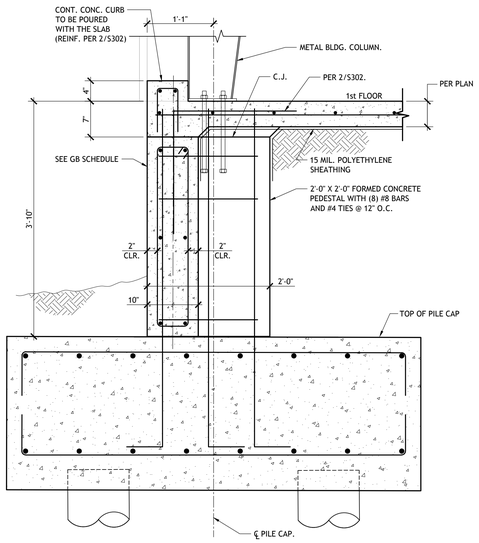
2 TYPICAL SECTION

S302 1" = 1'-0"



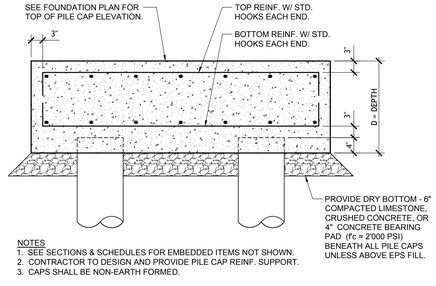
3 TYPICAL SLAB PILE DISHOUT

S302 1" = 1'-0"



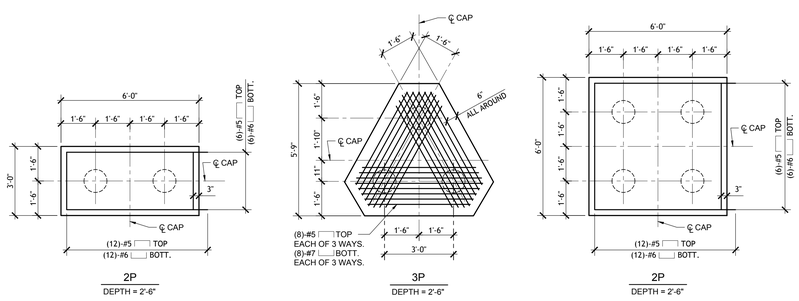
4 TYPICAL PEDESTAL AT COLUMN

S302 1" = 1'-0"



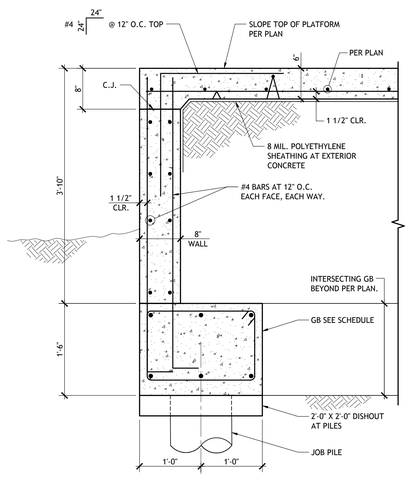
5 TYPICAL PILE CAP ELEVATION

S302 NOT-TO-SCALE



6 PILE CAP DETAILS

S302 3/8" = 1'-0"



7 SECTION AT MECH. PAD

S302 1" = 1'-0"

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

ADD NATATORIUM
6600 BELGRADE ST.

FOUNDATION DETAILS

seal

STATE OF LOUISIANA
JOHN M. BROWN
PRINTED IN TEXAS
REGISTERED PROFESSIONAL ENGINEER IN
STRUCTURAL ENGINEERING

project number	41229.00
date	10/28/2025
phase	CD

drawing number: S302

mdesmare Oct 28, 2025 - 9:46am E:\Struct\7298 ADD Natatorium\Struct\CAD\7298 S302 Foundation Details.dwg

10/28/2025 1:30:19 PM

MECHANICAL LEGEND

	EXISTING 24X24 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE	60	DUCT-MOUNTED SMOKE DETECTOR
	EXISTING 12X12 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE	OR	BRANCH DUCT CONNECTION, RECTANGULAR OR ROUND. BRANCH AND RECTANGULAR TRUNK.
	NEW 24X24 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE		
	NEW 12X12 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE	A / X0.0	VIEW CALLOUT: DETAIL NUMBER / SHEET ON WHICH DETAIL IS LOCATED
	DEMOLISHED 24X24 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE		
	DEMOLISHED 12X12 FACE SUPPLY, RETURN, EXHAUST AIR GRILLE	CHR	CHILLED WATER RETURN
	LAMINAR FLOW SUPPLY DIFFUSER	CHS	CHILLED WATER SUPPLY
	LINEAR SLOT DIFFUSER	HHR	HEATING WATER RETURN
	VAV TERMINAL BOX W/HYDRONIC HEATING COIL	HHS	HEATING WATER SUPPLY
	VAV TERMINAL BOX W/ELECTRIC HEATING COIL	CWR	CONDENSER WATER RETURN
	EXISTING DUCT	CWS	CONDENSER WATER SUPPLY
	DUCTWORK TO BE DEMOLISHED	HPS	HIGH PRESSURE STEAM
	NEW SUPPLY AIR DUCT	HPC	HIGH PRESSURE CONDENSATE
	NEW RETURN AIR DUCT	MPS	MEDIUM PRESSURE STEAM
	NEW EXHAUST AIR DUCT	MPC	MEDIUM PRESSURE CONDENSATE
	EXISTING FLEX DUCT	LPS	LOW PRESSURE STEAM
	FLEX DUCT TO BE DEMOLISHED	LPC	LOW PRESSURE CONDENSATE
	NEW FLEX DUCT	FOR	FUEL OIL RETURN
	DUCT-MOUNTED FIRE DAMPER	FOS	FUEL OIL SUPPLY
	DUCT-MOUNTED SMOKE DAMPER	NG	NATURAL GAS
	DUCT-MOUNTED FIRE/SMOKE DAMPER		ELBOW UP
	DUCT-MOUNTED MANUAL VOLUME DAMPER		ELBOW DOWN
	RETURN AIR BOOT		BRANCH PIPE CONNECTION
	SPIN IN FITTING WITH VOLUME DAMPER		TEE OUTLET DOWN
	SPIN IN FITTING WITH NO VOLUME DAMPER		TEE OUTLET UP
	SQUARE THROAT ELBOW WITH TURNING VANES		PIPE REDUCER
			ISOLATION VALVE (SEE SPECS FOR TYPE)
	RADIUS ELBOW		POINT OF DISCONNECT
			POINT OF CONNECTION
	DUCT TEE WITH TURNING VANES	1	SPECIFIC NOTE DESIGNATION
		T	THERMOSTAT
	TRANSITION	H	HUMIDISTAT
	SUPPLY DUCT UP	TS	TEMPERATURE SENSOR
	SUPPLY DUCT DOWN	MD	MANUAL VOLUME DAMPER
	RETURN DUCT UP		EXHAUST DUCT UP
	RETURN DUCT DOWN		EXHAUST DUCT DOWN

NOTE: THIS LEGEND IS GENERAL IN NATURE. SOME OF THE LISTED SYMBOLS MAY NOT APPEAR IN THIS SET OF DRAWINGS.

MECHANICAL DRAWING INDEX

SHEET NO.	SHEET NAME
M0.0	MECHANICAL LEGEND, NOTES, & SCHEDULES
M1.0	MECHANICAL PLAN
M2.0	MECHANICAL DETAILS

PACKAGED, OUTDOOR POOL DEHUMIDIFIER SCHEDULE

TAG	SERVICE	TOTAL AIR FLOW (CFM)	O/A FLOW (CFM)	FAN HP	FAN ESP (INWG)	COOLING CAPACITY O/A EAT DB/WB (DEG F)	COOLING CAPACITY SPACE DB/WB (DEG F)	COOLING CAPACITY MOISTURE REMOVAL (LB/HR)	COOLING CAPACITY TOTAL (MBTUH)	REHEAT CAPACITY O/A EAT DB (DEG F)	REHEAT CAPACITY SPACE DB/WB (DEG F)	REHEAT CAPACITY TOTAL (MBTUH)	AUXILIARY NATURAL GAS HEATING MIN/MAX PRESSURE (INWC)	AUXILIARY NATURAL GAS HEATING INPUT (MBTUH)	AUXILIARY NATURAL GAS HEATING OUTPUT (MBTUH)	AUXILIARY NATURAL GAS HEATING CONTROL	DRY COOLER TOTAL CAPACITY (MBTUH)	DRY COOLER REF	DRY COOLER AMBIENT TEMP (DEG F)	DRY COOLER CONTROL	ELECTRICAL V/PH/HZ	ELECTRICAL MCA	ELECTRICAL MOP	WEIGHT (LBS.)	MODEL:	NOTES:
AHU-POOL	POOL	13,000	2,800	20	1.50	95/80	84/71.4	213	570	25	82/69.8	712	7/14	500	400	MOD	712	R-454B	95	2-STAGE	208/3/60	237	250	12,000	POOLPAK MODEL PPK-190	1-7

NOTES:
1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PRESSURES DO NOT REFLECT INTERNAL LOADING SUCH AS COILS, FILTERS, ETC. FANS SHALL BE SIZED TO ACCOMMODATE INTERNAL COMPONENTS. CALCULATIONS SHALL ASSUME ALL FILTERS ARE FULLY-LOADED.
3. PROVIDE ANGLED, 2" MERV 13 FILTERS FOR RETURN AND OUTSIDE AIR.
4. PROVIDE DIRECT DRIVE FAN WITH VFD MOUNTED IN CONTROL CABINET.
5. UNIT SHALL OPERATE ON STANDALONE CONTROLS. PROVIDE BACNET INTERFACING CAPABILITY FOR FUTURE.
6. PROVIDE BAKED POWDER COATED ALUMINUM DRAIN PAN.
7. EQUIPMENT MATERIALS INTERFACING WITH THE AIRSTREAM SHALL BE RESISTANT TO CHLORAMINE EXPOSURE IN HIGH HUMIDITY ENVIRONMENTS.

BUILDING DESIGN CRITERIA

HVAC CALCULATIONS BASED ON THE FOLLOWING:		
AMBIENT CONDITIONS		
SUMMER	95 DEG F DB 80 DEG F WB	
WINTER	25 DEG F	
SPACE CONDITIONS		
SUMMER	84 DEG F DB 71.4 DEG F WB	
WINTER	82 DEG F 69.8 DEG F WB	
BUILDING CONSTRUCTION:		
GLAZING OVERALL U-VALUE	0.450	BTU/(hr-ft2-deg F)
GLAZING OVERALL SHADING COEFFICIENT	0.250	
EXTERIOR WALL U-VALUE	0.079	BTU/(hr-ft2-deg F)
ROOF U-VALUE	0.035	BTU/(hr-ft2-deg F)

FAN SCHEDULE

TAG	TYPE	SERVICE	FAN TOTAL CFM	FAN HP	FAN ESP (INWG)	FAN MAX RPM	FAN SONES	CONTROL	ELECTRICAL V/PH/HZ	MODEL:	NOTES:
EF-1A	ROOF CENT	POOL	1660	1/2	0.5	1750	9.4	CONSTANT	120/1/60	GREENHECK MODEL CUE-160-VG	1-3
EF-1B	ROOF CENT	POOL	1660	1/2	0.5	1750	9.4	CONSTANT	120/1/60	GREENHECK MODEL CUE-160-VG	1-3
EF-2	ROOF CENT	RESTROOM	425	1/6	0.5	1750	6.9	CONSTANT	120/1/60	GREENHECK MODEL CUE-090-VG	1-3

NOTES:
1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PROVIDE FACTORY INSULATED ROOF CURB (HIGH WIND RATED), SPEED CONTROLLER, EXTERIOR MOUNTED DISCONNECT (FACTORY), BIRDSCREEN.
3. EQUIPMENT SHALL BE DESIGNED OF MATERIALS SUITABLE FOR A CHLORAMINE EXPOSURE. PROVIDE ALUMINUM HOUSING, COMPOSITE WHEEL, FASTENERS, AND MANUFACTURER COATING FOR COMPONENTS EXPOSED TO THE AIRSTREAM.

AIR DEVICE SCHEDULE

TAG	CFM	NECK SIZE	FACE SIZE	FINISH	TYPE	MODEL:	NOTES:
A	SEE PLANS	VARIES	24X24	WHITE	SURFACE	NAILOR MODEL A UNI	1,2
B	SEE PLANS	VARIES	24X24	WHITE	SURFACE	NAILOR MODEL 5145H	1,2
C	SEE PLANS	VARIES	VARIES	WHITE	SURFACE	NAILOR MODEL 5145H	1,2
D	SEE PLANS	VARIES	6X6	WHITE	SURFACE	NAILOR MODEL 5145H	1,2

NOTES:
1. PROVIDE OPPOSED BLADE DAMPER (ALUMINUM) WITH KEY OPERATION THROUGH DIFFUSER FACE. FOR ROUND OPENINGS, PROVIDE BUTTERFLY DAMPER IN LIEU OF RADIAL OPPOSED BLADE DAMPER.
2. AIR DEVICE SHALL BE OF ALUMINUM CONSTRUCTION.

MECHANICAL GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE INTERNATIONAL MECHANICAL CODE - 2021, INTERNATIONAL PLUMBING CODE - 2021, NATIONAL ELECTRIC CODE - 2020, INTERNATIONAL ENERGY CODE - 2021, AND ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.

2. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE EXACT ROUTING OF ALL SERVICES WITH SITE CONDITIONS, EXISTING CONDITIONS AND WITH WORK OF ALL OTHER TRADES.

3. EQUIPMENT SHOWN ON THE PLANS AND ELEVATIONS ILLUSTRATE THE GENERAL ARRANGEMENT AND SPACE ALLOCATIONS. THE CONTRACTOR SHALL VERIFY THE SPACE REQUIREMENTS FOR EACH SYSTEM COMPONENT USING MANUFACTURER'S CERTIFIED SHOP DRAWINGS AND MAKE THE NECESSARY ADJUSTMENTS IN EQUIPMENT PLACEMENT AND CONNECTION IN ORDER TO ACCOMMODATE THE EXACT EQUIPMENT TO BE INSTALLED. CONTRACTOR SHALL LOCATE EQUIPMENT FOR READY AND SAFE ACCESS FOR FUTURE MAINTENANCE AND REPAIRS.

4. DETAILS ILLUSTRATED ON THE DRAWINGS SHALL BE APPLIED IN ALL CASES WHERE THE FEATURE OCCURS IN THE SYSTEM DESIGN.

5. THE CONTRACTOR SHALL COORDINATE WITH ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE.

6. COORDINATE ANY DEVICE REQUIRING AN ACCESS PANEL WITH THE ARCHITECT.

7. SUPPORTS, ANCHOR BOLTS, AND HANGERS FOR ALL EQUIPMENT SPECIFIED IN DIVISION 15 OR 23 SHALL CONFORM TO THE SPECIFICATIONS. MISCELLANEOUS STEEL BRACING SUPPORTS AND REINFORCING STEEL NEEDED TO SUPPORT EQUIPMENT SPECIFIED IN DIVISION 15 OR 23 SHALL BE FURNISHED AS PART OF SCOPE OF WORK OF DIVISION 15 OR 23.

8. ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, AND PARTITIONS MUST BE INSTALLED AND FIRE RATED TO MEET URL FIRE RESISTANCE LISTING DETAILS FOR THE PENETRATION.0

9. SMOKE DETECTORS SHALL BE LOCATED AS INDICATED ON THE MECHANICAL PLANS AND IN CONFORMANCE WITH NFPA 90A-2012, NFPA 72 - 2021, INTERNATIONAL MECHANICAL CODE-2021 AND ALL OTHER REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.

10. ALL DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS IN INCHES. REFER TO SPECIFICATIONS FOR INSULATION REQUIREMENTS.

11. PROVIDE ALL SUPPLY AIR AND RETURN AIR DUCT ELBOWS WITH SINGLE THICKNESS TURNING VANES.

12. DIFFUSERS, REGISTERS, AND GRILLES SHOWN ON THE MECHANICAL DRAWINGS SHALL BE IN ACCORDANCE WITH THE DIFFUSER AND GRILLE SCHEDULE. BRANCH DUCTS TO AIR DEVICES SHALL BE IN ACCORDANCE WITH THE SCHEDULE UNLESS NOTED OTHERWISE.

13. CEILING DIFFUSERS, REGISTERS AND GRILLES SHALL BE LOCATED AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN. DIFFUSERS, REGISTERS AND GRILLES SHALL BE FURNISHED WITH MOUNTING FRAMES AND FEATURES IN ACCORDANCE WITH THE CEILING TYPE.

14. ALL WALL-MOUNTED THERMOSTATS SHALL BE MOUNTED AT 48 INCHES AFF.

15. PROVIDE CONDENSATE DRAIN PIPING FROM ALL CHILLED WATER AND DIRECT EXPANSION COOLING COILS. PIPING SHALL BE TYPE L, COPPER AND SHALL BE MINIMUM 2-INCH FOR CHILLED WATER AIR HANDLING UNITS, 1-INCH FOR ROOFTOP UNITS AND 3/4-INCH FOR DUCTLESS SPLIT SYSTEMS.

16. ALL ITEMS THAT REQUIRE SERVICE, MAINTENANCE, OR ACCESS SHALL BE HUNG AT A MAXIMUM ELEVATION OF 14'-0" AFF.

17. DUCTWORK AND PIPING PLANS ILLUSTRATE THE GENERAL ROUTING OF SYSTEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OFFSETS, RISES AND DROPS THAT ARE REQUIRED TO AVOID EXISTING AND NEW PIPING, STRUCTURAL AND ELECTRICAL SYSTEMS.

18. DRAWINGS AND SPECIFICATIONS; IN CASE OF INCONSISTENCIES IN THE DRAWINGS OR THE SPECIFICATIONS OR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE ARCHITECT WILL DETERMINE WHICH REQUIREMENT WILL BE THE MOST CONSISTENT WITH DESIGN INTENT AND THE CONTRACTOR SHALL COMPLY WITH THE ARCHITECT'S DETERMINATION. IN THE EVENT OF INCONSISTENCIES AMONG THE CONTRACT DOCUMENTS NOT RESOLVED BY THE SPECIFICATIONS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES AND ORDINANCES, THE CONTRACTOR SHALL (I) PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK OR (II) COMPLY WITH THE MORE STRINGENT REQUIREMENT IN ACCORDANCE WITH THE ARCHITECT'S REASONABLE INTERPRETATION OF THE CONTRACT DOCUMENTS.

19. CONTRACTOR SHALL PROVIDE COORDINATED SHOP DRAWINGS SHOWING COORDINATION OF ALL PIPING AND DUCTWORK WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO THE START OF FABRICATION OF PIPING AND DUCTWORK.

20. BALANCE NATATORIUM TO MAINTAIN A DIFFERENTIAL PRESSURE BETWEEN INTERIOR AND EXTERIOR OF -.05 TO -.1 INWG.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

MECHANICAL LEGEND, NOTES, & SCHEDULES

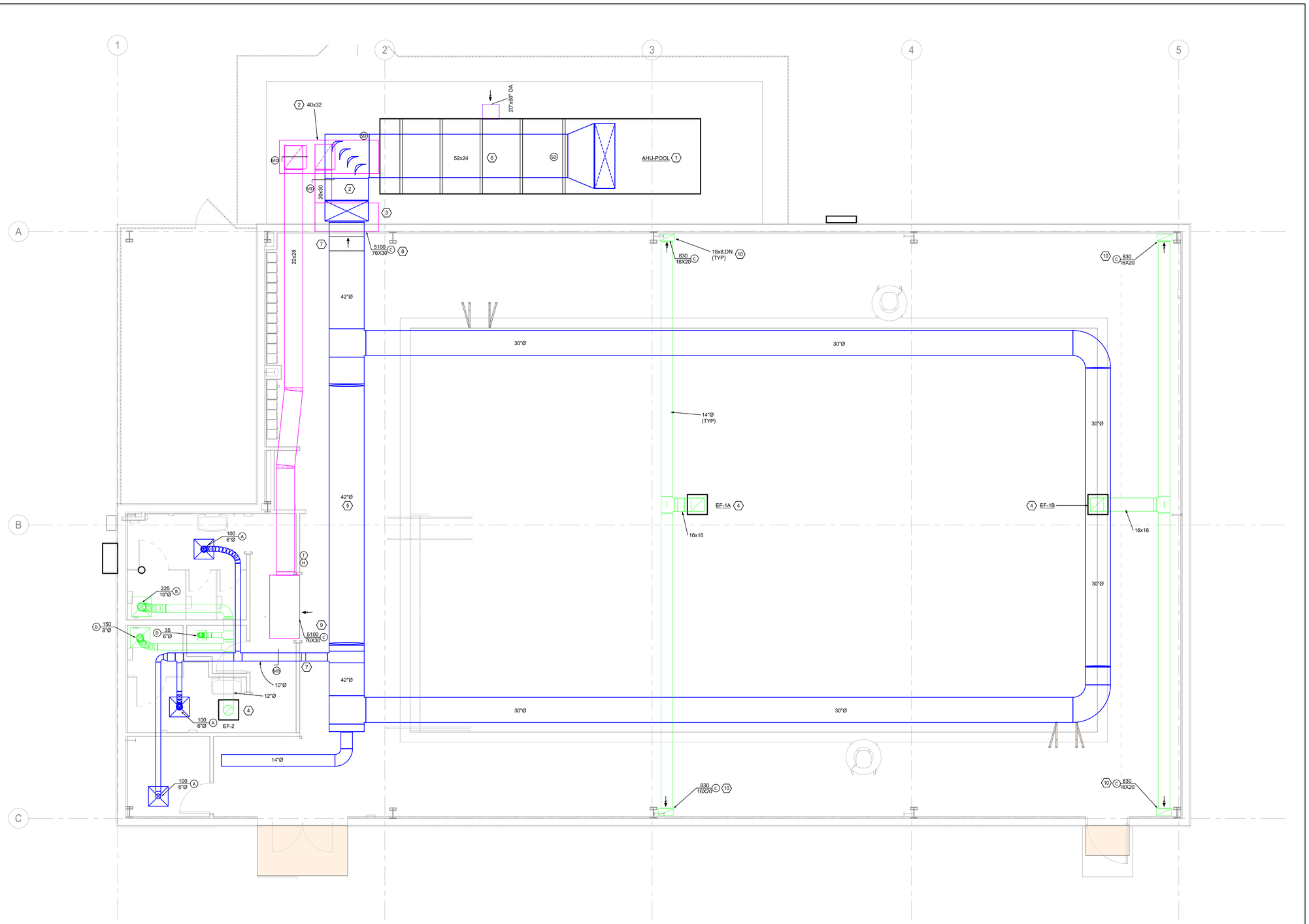
YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

seal: STATE OF LOUISIANA — JOSEPH D. GARON, License No. 43774, PROFESSIONAL ENGINEER, MECHANICAL ENGINEERING — 10/28/25

project number	41229.00
date	10/28/2025
phase	PERMIT SET
drawing number	M0.0

10/28/2025 1:30:29 PM



1 MECHANICAL PLAN
1/4" = 1'-0"

SPECIFIC NOTES

1. PACKAGED DX POOL DEHUMIDIFIER WITH A TOP SUPPLY, REAR RETURN, AND SIDE OUTSIDE AIR OPENINGS. MOUNT UNIT ON CONCRETE PAD AND SUPPORT WITH STUCTURAL I-BEAMS, SIZED AND SPACED ACCORDING TO MANUFACTURER REQUIREMENTS. PROVIDE A MINIMUM 36" CLEARANCE AROUND UNIT. ROUTE CONDENSATE DRAIN LINE TO CATCH BASIN (REFER TO PLUMBING) AND TERMINATE WITH AN AIR GAP. REFER TO DETAILS.
2. SUPPORT EXTERIOR DUCTWORK 4' O.C. WITH MIRO UNISTRUT FRAMES. ANCHOR DUCT SUPPORTS TO SLAB WITH CONCRETE ANCHORS AND BOLTS.
3. RETURN AIR REGISTER WITH BOTTOM OF FRAME MOUNTED 6' AFF. PROVIDE FULL-SIZE PLENUM BEHIND REGISTER. SUPPORT WITH CANTILEVERED, 1/4" ANGLE IRON FRAMES 24" O.C.
4. CENTRIFUGAL UPBLAST ROOF FAN MOUNTED ON FACTORY INSULATED, CANTED ROOF CURB. EXHAUST FAN CONSTRUCTION SHALL BE DESIGNED TO WITHSTAND CHLORAMINE EXPOSURE.
5. ROUND FABRIC DUCT SUSPENDED FROM STRUCTURE ABOVE ACCORDING TO MANUFACTURER GUIDELINES. PROVIDE INTERNAL SUSPENSION TO PREVENT DEFLATION UPON DEHUMDIFIER DEACTIVIATION. DISTRIBUTE AIRFLOW EVENLY ALONG EXTERIOR WALLS AND WINDOWS AND FOR SPECTATOR AREAS. DISTRIBUTE AIRFLOW TOWARDS ROOF FOR CIRCULATION. PROVIDE DEVICES TO BALANCE AIRFLOW REFER TO DETAILS. COORDIANTE WITH ARCHITECT FOR FINISHES.
6. PROVIDE UNISTRUT MEMBERS MOUNTED ALONG TOP OF DEHUMDIFIER SPACED 4' O.C TO SUPPORT SUPPLY DUCTWORK. MOUNT APPROXIMATELY 1' ABOVE UNIT. SEAL ATTACHMENTS TO DEHUMDIFIER AIR AND WATER TIGHT.
7. TRANSITION FROM METAL DUCT TO FABRIC DUCT.
8. RETURN AIR GRILLE WITH BOTTOM OF FRAME MOUNTED 6' AFF.
9. RETURN AIR GRILLE WITH BOTTOM OF FRAME MOUNTED 13' AFF.
10. ROUTE 18x8 EXHAUST RISER DOWN AND TERMINATE 12" AFF WITH AIR DEVICE. COORDIANTE WITH ARCHITECT FOR FINISHES AND PAINTING.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

MECHANICAL PLAN

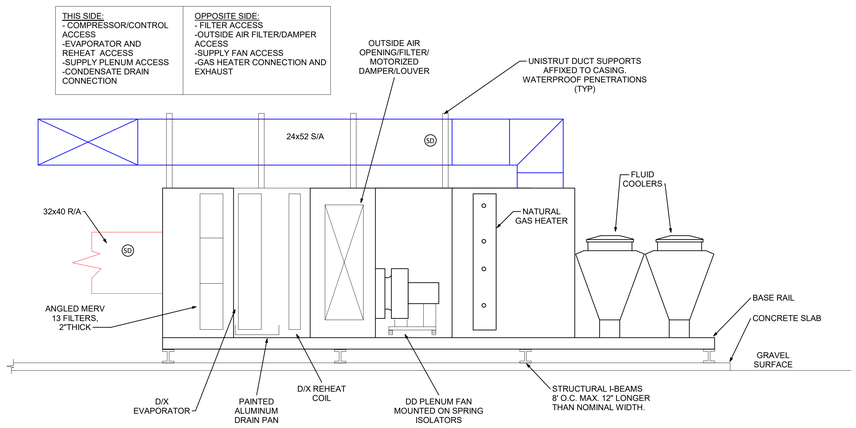
YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

seal: STATE OF LOUISIANA — JOSEPH D. GARON — License No. 43778 — PROFESSIONAL ENGINEER — MECHANICAL ENGINEERING — 10/28/25

project number	drawing number
41229.00	M1.0
date: 10/28/2025	
phase: PERMIT SET	

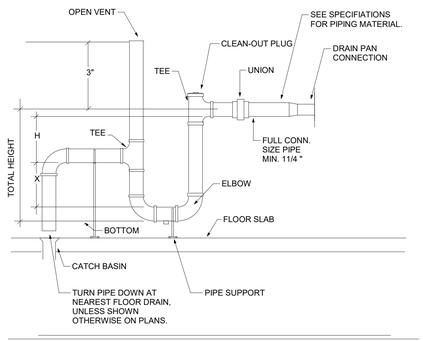
10/28/2025 1:20:21 PM



1 POOL DEHUMIDIFIER DETAIL
M2.0 SCALE: NONE

NOTE:

ELEVATE A/C UNIT SUFFICIENT DISTANCE ABOVE FLOOR OR ROOF TO ALLOW FOR INSTALLATION OF TRAP WITH ADEQUATE DIMENSIONS TO WITHSTAND SYSTEM OPERATING PRESSURE. COORDINATE WITH DETAIL FOR A UNIT MOUNTING.



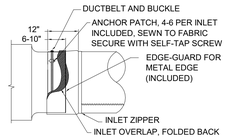
TOTAL HEIGHT OF TRAP= X+H+ (1 1/2 x PIPE DIAMETER)

FOR DRAW THRU UNITS
X= MIN. 1/2 H (PREFERRED X=H)
H= NEGATIVE STATIC PRESSURE +1"

FOR BLOW THRU UNITS
X= FAN STATIC PRESSURE +1"
H= MIN. 1"

2 COOLING COIL CONDENSATE DRAIN
M2.0 SCALE: NONE

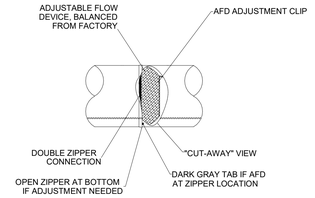
INLET DETAIL



INLET ATTACHMENT DETAIL

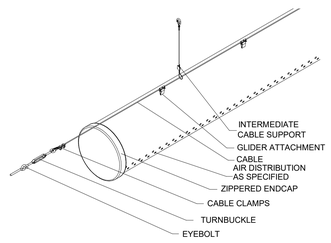
3 DUCT SOX - INLET
M2.0 SCALE: NONE

COMPONENTS

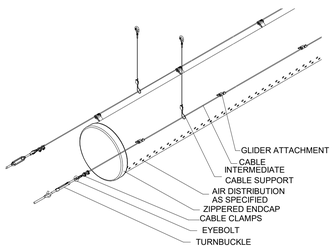


ADJUSTABLE FLOW DEVICE (AFD)
INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION

4 DUCT SOX - COMPONENTS
M2.0 SCALE: NONE

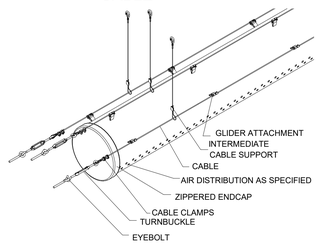


SUSPENSION DETAIL
1 ROW CABLE SUSPENSION AT 12 O'CLOCK

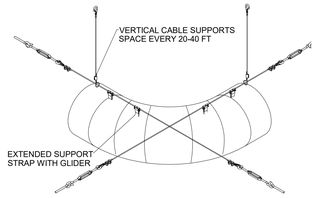


2 ROW CABLE SUSPENSION AT 10&2 O'CLOCK

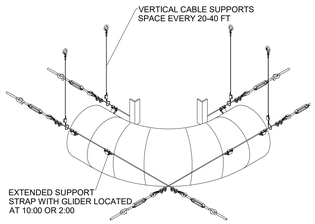
CABLE



SUSPENSION DETAIL
3 ROW CABLE SUSPENSION AT 10, 12, & 2 O'CLOCK



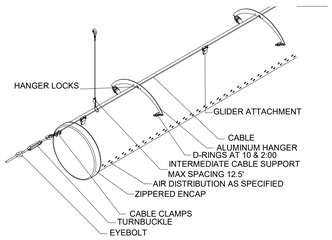
SUSPENSION DETAIL
RADIUS ELBOW, 1 ROW CABLE SUSPENSION



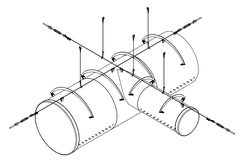
SUSPENSION DETAIL
RADIUS ELBOW, 2 ROW CABLE SUSPENSION

5 DUCT SOX - CABLE
M2.0 SCALE: NONE

HANGER (3x1) CABLE

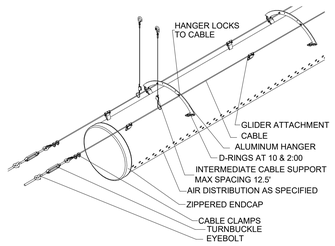


SUSPENSION DETAIL
HANGER (3x1) SUSPENSION, CABLE AT 12 O'CLOCK
HANGER SUPPORTS DUCTSOX AT 10 & 2 O'CLOCK



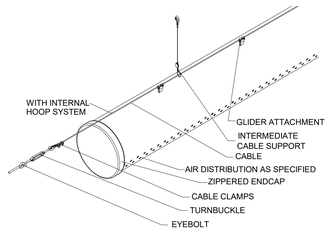
SUSPENSION DETAIL
FLAT ON TOP TEE
HANGER (3x1) SUSPENSION, CABLE AT 12 O'CLOCK
HANGER SUPPORTS DUCTSOX AT 10 & 2 O'CLOCK

HANGER (4x2) CABLE

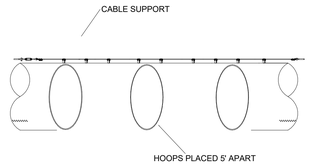


SUSPENSION DETAIL
HANGER (4x2) SUSPENSION, CABLE AT 11 & 1 O'CLOCK
HANGER SUPPORTS DUCTSOX AT 10 & 2 O'CLOCK

6 DUCT SOX - HANGER CABLE
M2.0 SCALE: NONE



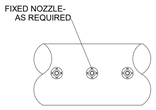
SUSPENSION DETAIL
1 ROW CABLE SUSPENSION AT 12 O'CLOCK
HOOPS (IHS) CABLE



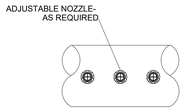
CUT AWAY VIEW OF HOOPS (IHS)
VIEW OF INTERIOR OF DUCTSOX WITH HOOPS (IHS) HANGING

7 DUCT SOX - HOOPS CABLE
M2.0 SCALE: NONE

NOZZLE DETAILS



FIXED NOZZLE
SET TO FULLY OPEN OR CAPPED AND FULLY CLOSED.
CAN NOT BE ADJUSTED OR ROTATED.



ADJUSTABLE NOZZLE
USED TO TARGET OR AVOID SPECIFIC AREAS.
CAN BE ROTATED TO BE FULLY OPEN, CLOSED, OR ANYWHERE IN BETWEEN, AS REQUIRED FOR THE SPACE.

8 DUCT SOX - NOZZLE
M2.0 SCALE: NONE

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

MECHANICAL DETAILS

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

seal: STATE OF LOUISIANA — JOSEPH D. GARON License No. 43776 PROFESSIONAL ENGINEER — MECHANICAL ENGINEERING — 10/28/25

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: M2.0

10/28/2025 12:39 PM

PLUMBING LEGEND

	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	NEW PIPING
CW	DOMESTIC COLD WATER PIPING
HW	DOMESTIC HOT WATER PIPING
HW	DOMESTIC HOT WATER PIPING AT INDICATED SERVICE TEMPERATURE
HWR	DOMESTIC HOT WATER RECIRCULATION
SD	DRAIN PIPING
W	SANITARY SEWER
V	VENT
GW	GREASE WASTE
SD	STORM DRAIN PIPING
SDO	STORM OVERFLOW DRAINAGE PIPING
G	NATURAL GAS PIPING (X#) = LINE PRESSURE
	DETAIL NO. / # / X#### / SHEET ON WHICH DETAIL IS LOCATED
#	SPECIFIC NOTE DESIGNATION
	POINT OF DISCONNECT
	POINT OF CONNECTION, NEW TO EXISTING
	EXISTING EQUIPMENT TO REMAIN
	EXISTING EQUIPMENT TO BE DEMOLISHED
XX / 1	NEW EQUIPMENT WITH IDENTIFICATION

ECO	EXTERIOR CLEANOUT (SEE SCHEDULE SPECIFICATIONS)
WCO	WALL CLEANOUT
	ELBOW UP
	ELBOW DOWN
	BRANCH PIPE CONNECTION
	TEE-OUTLET DOWN
	TEE-OUTLET UP
	PUMP
	BACKFLOW PREVENTER
	ELBOW UP
	ELBOW DOWN
	BRANCH PIPE CONNECTION
	TEE-OUTLET DOWN
	TEE-OUTLET UP
	PIPE REDUCER
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	CONTROL VALVE, 2 WAY
	CONTROL VALVE, 3 WAY
	CHECK VALVE
	STRAINER
	STRAINER AND BLOWDOWN VALVE
	PLUG COCK/ BALANCING VALVE/ GAS COCK
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	GAS PRESSURE REGULATOR
	UNION
	FLEXIBLE CONNECTOR
	PIPE CAP
	GAUGE AND GAUGE COCK
	THERMOMETER
	VALVE WITH BLIND FLANGE
	STEAM TRAP
	THERMOSTATIC EXPANSION VALVE

PLUMBING ABBREVIATIONS

AD	AREA DRAIN
AP	ACCESS PANEL
AFF	ABOVE FINISHED FLOOR
BEH	BEHIND
BOP	BOTTOM OF PIPE
BMS	BUILDING MANAGEMENT SYSTEM
BTUH	BRITISH THERMAL UNITS PER HOUR
CONT.	CONTINUATION
COTG	CLEAN OUT TO GRADE
COYB	CLEANOUT IN YARD BOX
CW	DOMESTIC COLD WATER
ECO	EXTERIOR CLEANOUT
ES/EW	EMERGENCY SHOWER / EYEWASH
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FMS	FACILITY MANAGEMENT SYSTEM
FPWH	FREEZE PROOF WALL HYDRANT
FT	FEET
GPR	GAS PRESSURE REGULATOR
HB	HOSE BIB
HP	HORSEPOWER
HD	HUB DRAIN
HW	DOMESTIC HOT WATER
HWR	HOT WATER RECIRCULATION
IC	IN CEILING
MBH	1000 BRITISH THERMAL UNITS PER HOUR
MECH.	MECHANICAL
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OSD	OPEN SITE DRAIN
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
PSIG	POUNDS PER SQUARE INCH GAGE
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
W	SANITARY SEWER
SD	STORM DRAIN
TP	TRAP PRIMER
TW	TEMPERED WATER
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
U/G	UNDERGROUND
WB	WET BULB
WCO	WALL CLEANOUT
W.G.	WATER GAGE
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WPD	WATER PRESSURE DROP

PLUMBING DRAWING INDEX

SHEET NO.	SHEET NAME
P0.0	PLUMBING LEGEND, NOTES, & SCHEULES
P2.0	DOMESTIC PLUMBING PLAN
P2.1	SANITARY PLUMBING PLAN
P3.0	PLUMBING RISER
P4.0	PLUMBING DETAILS

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	ROUGH-IN DIMENSIONS SANITARY	VENT	CW	HW	NOTES
P1A	WATER CLOSET - ADA COMPLIANT, FLOOR MOUNTED	4"	4"	1"	N/A	
	FIXTURE: AMERICAN STANDARD MODEL 3641.016, VITREOUS CHINA, 1.6 GPF, WHITE					
	FLUSH VALVE: SLOAN MODEL 111-1.6, DIAPHRAGM, CHROME PLATED BRASS, 1.6 GPF.					
	SEAT: COMMERCIAL GRADE, ELONGATED, OPEN FRONT - LESS COVER, STAINLESS STEEL HARDWARE, SS CHECK HINGE, WHITE.					
P2A	LAVATORY - WALL MOUNTED - ADA COMPLIANT	2"	2"	1/2"	1/2"	
	FIXTURE: AMERICAN STANDARD MODEL 0355.012 FOR CONCEALED ARMS, WHITE.					
	SUPPLIES: CHICAGO FAUCETS MODEL 895-317E2805, 4" CENTERS, .5 GPM, WRIST BLADE HANDLES, CHROME PLATED BRASS.					2
	MIXING VALVE: LEONARD MODEL 170-LF--BR-BRKT WITH COLD WATER BYPASS AND MOUNTING BRACKET, ASSE 1070 CERTIFIED.					
	STOPS: COMMERCIAL GRADE, QUARTER TURN ANGLE STOPS, CHROME PLATED BRASS WITH STAINLESS STEEL BRAIDED HOSES.					
	DRAIN: COMMERCIAL GRADE, STAINLESS STEEL, PERFORATED GRID STRAINER.					1
	TRAP: COMMERCIAL GRADE, ADA, CHROME PLATED BRASS, 2", PROVIDE INSULATION COVERS, WHITE.					
	WALL CARRIER: COMMERCIAL WALL CARRIER WITH CONCEALED ARMS					
P3A	URINAL - ADA COMPLIANT, WALL MOUNTED	2"	2"	3/4"		
	FIXTURE: AMERICAN STANDARD MODEL 6590, VITREOUS CHINA, TOP SPUD, .5 GPF.					
	FLUSH VALVE: SLOAN MODEL 186, DIAPHRAGM, CHROME PLATED BRASS, .5 GPF.					
	TRAP: PROVIDED WITH FIXTURE.					
	WALL CARRIER: COMMERCIAL WALL CARRIER WITH CONCEALED ARMS					
P4A	SHOWER - ADA COMPLIANT	2"	2"	1/2"	1/2"	
	FIXTURE: DELTA MODEL T24871 VALVE TRIM WITH 3-FUNCTION DIVERTER. INCLUDE SHOWER ARM DELTA MODEL U4993.					
	SHOWER HEAD: DELTA MODEL 52680, 2.5 GPM.					
	HAND HELD SHOWER HEAD: DELTA MODEL 55011, WITH 69" HOSE, 2.5 GPM.					
	HOOK: DELTA MODEL 59310 WALL MOUNT					
	TRAP: P-TRAP, 2"					
P5	MOP SINK	3"	2"	1/2"	1/2"	
	FIXTURE: FIAT MODEL TSB100, 24"X24"X12" TERRAZZO SINK WITH STAINLESS STEEL CAPS ON ALL SIDES.					
	SUPPLIES: CHICAGO FAUCETS MODEL 897-CP, WALL MOUNT WITH INTEGRAL VACUUM BREAKER, WALL BRACE AND PAIL HOOK.					
	DRAIN: INCLUDED WITH FIXTURE.					
	TRAP: P-TRAP, 3"					
P6A	ELECTRC WATER COOLER - ADA COMPLIANT, BI-LEVEL, WALL MOUNTED.	2"	2"	1/2"	N/A	
	FIXTURE: ELKAY MODEL, LZSTLDDWSVRLK, FILTERED, LIGHT GRAY GRANITE FINISH, 8GPH CHILLING CAPACITY, BOTTLE FILLING STATION, VISUAL FILLER MONITOR, VANDAL RESISTANT SPOUT					
	STOPS: COMMERCIAL GRADE, QUARTER TURN ANGLE STOPS, CHROME PLATED BRASS WITH STAINLESS STEEL BRAIDED HOSES.					
	TRAP: COMMERCIAL GRADE, P-TRAP, 1-1/2"					

NOTES:
1. CONTRACTOR TO VERIFY DRAINS FIT SINKS/LAVATORIES PRIOR TO PURCHASING.
2. FAUCET SPOUT SHALL TERMINATE A MINIMUM OF 6" FROM EDGE OF BASIN.

TANKLESS, NATURAL GAS WATER HEATER

TAG	SERVICE	HOT WATER MIN. FLOW (GPM)	HOT WATER FLOW (GPM)	HOT WATER EWT/LWT	NATURAL GAS MIN/MAX PRESSURE (INWG)	NATURAL GAS INPUT (BTUH)	NATURAL GAS UEF	ELECTRICAL (V/PH)	MODELS:	NOTES:
GWH-1	BUILDING	0.4	4	40/140	4 / 10.5	199,000	0.95	120/1	A.O SMITH MODEL ACT-1990	1-4

NOTES:
1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PROVIDE STANDALONE CONTROLS FOR TEMPERATURE AND FLOW REGULATION.
3. EQUIPMENT SHALL BE RATED AND DESIGNED FOR OUTDOOR USE.
4. PROVIDE CONDENSATE NEUTRALIZER KIT.

PUMP SCHEDULE

TAG	TYPE	PUMP DATA FLOW (GPM)	HP	TDH (FT)	MAX RPM	EFF. (%)	CONTROL	ELECTRICAL V/PH/HZ	MODEL:	INSTALLED WEIGHT (LBS.)	NOTES:
HWRP-1	INLINE	1	1/25	12	3250	N/A	AQUASTAT	120/1/60	TACO MODEL IL008	N/A	1,2,3

NOTES:
1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PROVIDE AQUASTAT AND TIMER CLOCK.
3. PUMP SHALL BE RATED FOR POTABLE WATER.

PLUMBING GENERAL NOTES

1. ALL WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH INTERNATIONAL MECHANICAL CODE - 2021, INTERNATIONAL PLUMBING CODE - 2021, AND INTERNATIONAL ENERGY CODE - 2021, AND ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.

2. FIXTURES, EQUIPMENT, CONNECTIONS AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.

3. FURNISH AND INSTALL SHOCK ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES, AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.

4. PROVIDE CLEANOUTS AT ALL 90° SANITARY SEWER ELBOWS AND IN ACCORDANCE WITH APPLICABLE CODES.

5. PROVIDE INSULATION KIT FOR SUPPLIES, DRAIN PIPING AND TRAP FOR ALL HANDICAP ACCESSIBLE LAVATORIES AND SINKS. INSULATION KIT SHALL BE EQUAL TO TRUEBRO MODEL 103 (WHITE). WHERE PROTECTIVE SKIRT UNDER FIXTURES IS PROVIDED, INSULATION OF PIPING IS NOT REQUIRED.

6. PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.

7. CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS, FURNISH CUTOFF VALVES, P-TRAPS, P.R.V'S, BACKFLOW PREVENTERS, STRAINERS, STEAM TRAPS AND PIPING AS REQUIRED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS AND APPLICABLE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ANY CONFLICTS BETWEEN THESE DOCUMENTS AND EQUIPMENT CUT SHEETS PRIOR TO CLOSING IN WALLS AND CEILINGS.

8. COORDINATE WATER, WASTE, VENT, AND STORM WATER PIPING WITH OTHER TRADES TO AVOID SPACING OR ROUTING PROBLEMS.

9. PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 10'-0" CLEAR OF A/C OUTSIDE AIR INTAKES.

10. CONTRACTOR SHALL PROVIDE COORDINATED SHOP DRAWINGS SHOWING COORDINATION OF ALL PIPING WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO START OF FABRICATION OF PIPING AND DUCTWORK.

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

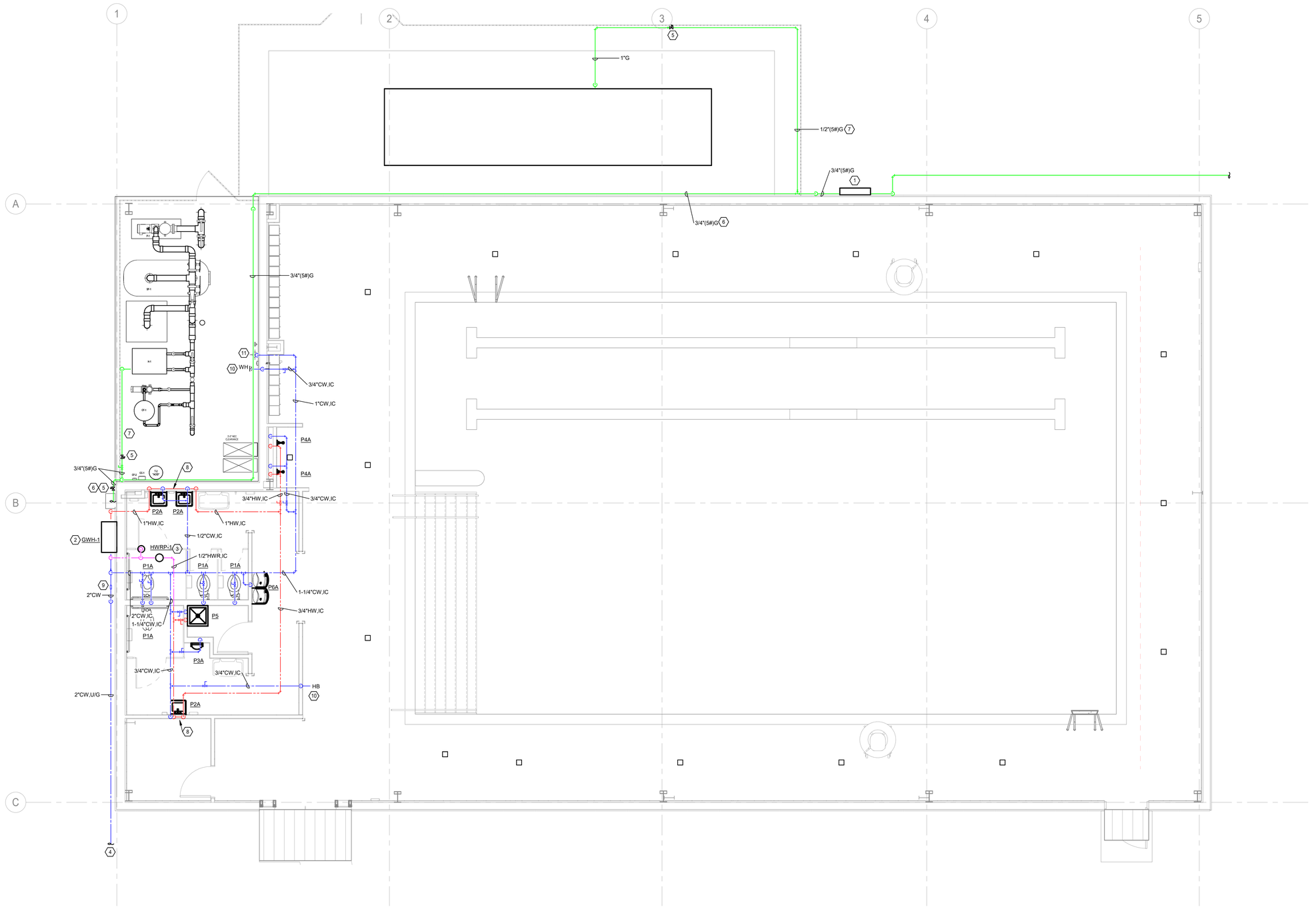
CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

PLUMBING LEGEND, NOTES, & SCHEULES

seal: STATE OF LOUISIANA — JOSEPH D. GARON — License No. 43776 — PROFESSIONAL ENGINEER — MECHANICAL ENGINEERING — 10/28/25

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: P0.0

10/28/2025 1:33:05 PM



1 DOMESTIC PLUMBING PLAN

P2.0 SCALE: 1/4" = 1'-0"

SPECIFIC NOTES

1. LOCATE GAS METER ON EXTERIOR WALL. SIZE FOR METER AND REGULATOR FOR 1200 CFH AT 5 PSIG SERVICE PRESSURE. COORDINATE WITH UTILITY COMPANY FOR EXACT LOCATION.
2. TANKLESS, GAS WATER HEATER MOUNTED ON EXTERIOR WALL. PROVIDE 30" MINIMUM CLEARANCE IN FRONT OF WATER HEATER. REFER TO DETAILS FOR PIPING.
3. HOT WATER RETURN PUMP PIPE SUPPORTED ABOVE CEILING. REFER TO DETAILS FOR PIPING. PUMP SHALL BE ACCESSIBLE ABOVE CEILING.
4. REFER TO CIVIL FOR CONTINUATION.
5. PROVIDE PRESSURE REGULATING VALVE FOR EQUIPMENT. REFER TO DETAILS FOR PIPING SPECIALTIES. REFER TO MANUFACTURER GUIDELINES FOR NATURAL GAS CONNECTIONS TO EQUIPMENT.
6. ROUTE NATURAL GAS PIPING ALONG EXTERIOR WALL APPROXIMATELY 30" AFG.
7. ROUTE NATURAL GAS PIPING ALONG FENCE APPROXIMATELY 30" AFG.
8. ROUTE HOT WATER MAIN DOWN IN WALL TO SERVE PUBLIC LAVATORIES. HOT WATER PIPING CONNECTIONS TO FIXTURE SHALL BE 24" MAXIMUM.
9. 2" REDUCED PRESSURE BACKFLOW PREVENTER MOUNTED ALONG EXTERIOR WALL WITH AIR GAP FITTING. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. ROUTE 1/2" COLD WATER LINE DOWN IN WALL TO SERVE HOSEBIB/WALL HYDRANT. DEVICES EXPOSED TO OUTDOORS SHALL BE FREEZE PROOF. PROVIDE ISOLATION VALVE UPSTREAM OF HOSEBIB/WALL HYDRANT.
11. PROVIDE 1" COLD WATER LINE TO SERVE POOL AUTOFILL. TERMIANTE 1" LINE WITH 6" AIR GAP. REFER TO POOL CONSULTANT DRAWINGS FOR ADDITIONAL PIPING SPECIALTIES TO BE PROVIDED AND INSTALLED.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

DOMESTIC PLUMBING PLAN

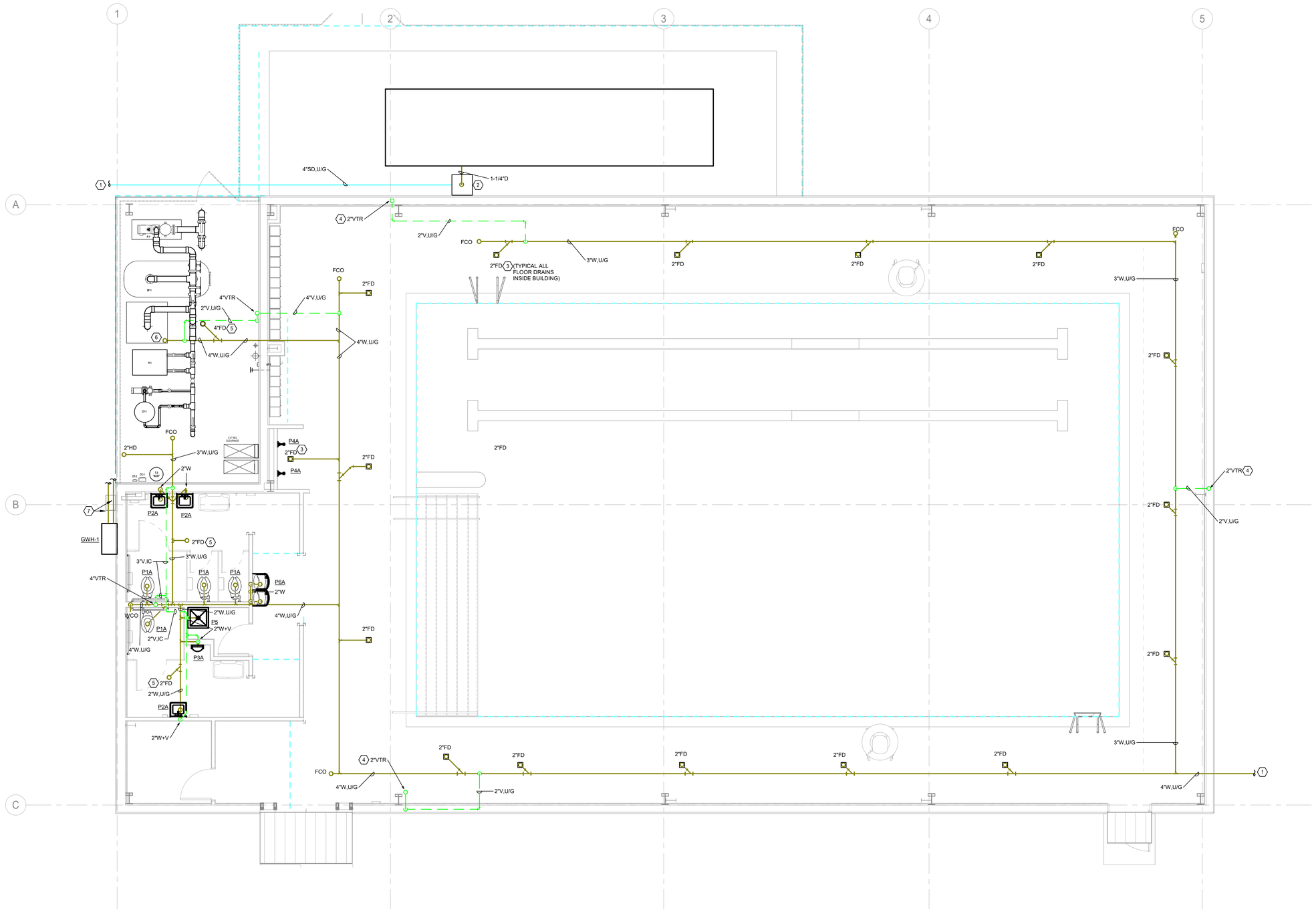
YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

seal: STATE OF LOUISIANA — JOSEPH D. GARON — License No. 43778 — PROFESSIONAL ENGINEER — MECHANICAL ENGINEERING — 10/28/25

project number	drawing number
41229.00	P2.0
date: 10/28/2025	
phase: PERMIT SET	

10/28/2025 1:33:01 PM



1 SANITARY PLUMBING PLAN

P2.1 SCALE: 1/4" = 1'-0"

SPECIFIC NOTES

1. REFER TO CIVIL FOR CONTINUATION.
2. PROVIDE 24X24 HDPE CATCH BASIN WITH HEAVY DUTY TRAFFIC-RATED GRATE. PROVIDE A MINIMUM 12" SUMP.
3. SQUARE FLOOR DRAIN WITH 6X6 GRATE. FLOOR DRAIN BODY, GRATE, AND STRAINER SHALL BE RESISTANT TO CHLORINE EXPOSURE (STAINLESS STEEL OR HDPE).
4. ROUTE VENT PIPING UP EXTERIOR WALL AND THEN OFFSET IN CEILING FOR ROOF PENETRATION. ALL EXPOSED VENT PIPING SHALL BE PAINTED. COORDINATE FINISH WITH ARCHITECT. REDUCE EXPOSED VENT PIPING AS MUCH AS POSSIBLE. REFER TO RISER.
5. FLOOR DRAIN BODY SHALL BE RESISTANT TO CHLORINE EXPOSURE (STAINLESS STEEL OR HDPE). PROVIDE BARRIER TYPE TRAP SEAL DEVICE FOR FLOOR DRAIN.
6. PROVIDE 4" P-TRAP TO SERVE BACKWASH CATCH BASIN. REFER TO POOL CONSULTANT DRAWINGS FOR ADDITIONAL INFORMATION.
7. INSTANTANEOUS GAS WATER HEATER MOUNTED ON EXTERIOR WALL. ROUTE RELEIF DRAIN AND CONDENSATE DRAIN PIPING TO NEAREST HUB DRAIN AND TERMINATE WITH AN AIR GAP.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

SANITARY PLUMBING PLAN

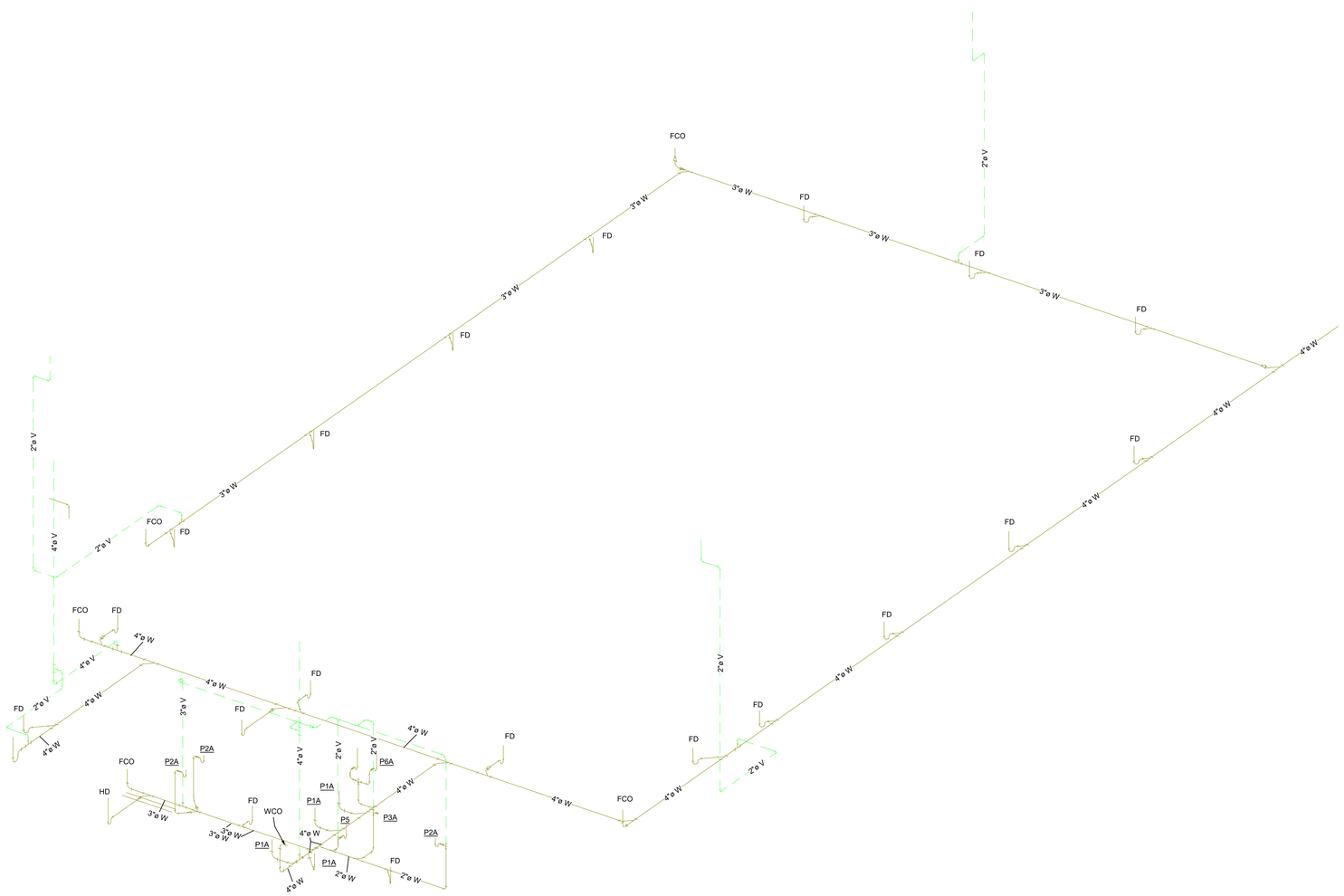
YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

seal: STATE OF LOUISIANA — JOSEPH D. GARON — License No. 43776 — PROFESSIONAL ENGINEER — MECHANICAL ENGINEERING — 10/28/25

project number	41229.00
date	10/28/2025
phase	PERMIT SET
drawing number	P2.1

10/28/2025 1:51:51 PM



1 PLUMBING RISER
P3.0 SCALE: NONE

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

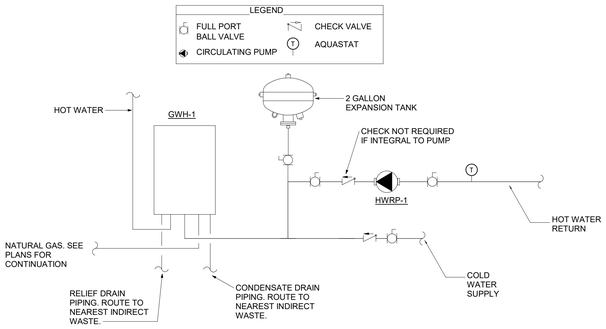
CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

PLUMBING RISER

seal: STATE OF LOUISIANA — JOSEPH D. GARON License No. 43776 PROFESSIONAL ENGINEER MECHANICAL ENGINEERING — 10/28/25

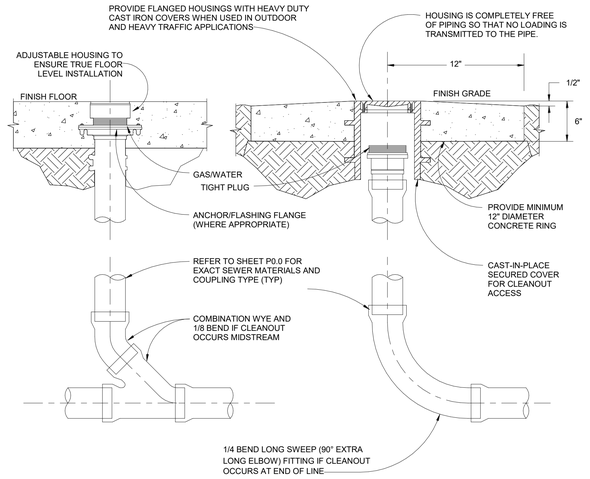
project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: P3.0

10/28/2025 1:33:03 PM



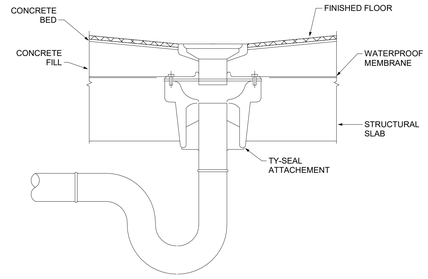
1 TANKLESS WATER HEATER CONNECTION DETAIL

P4.0 SCALE: NONE



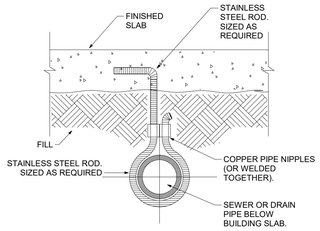
2 FLOOR/GRADE CLEANOUT

P4.0 SCALE: NONE



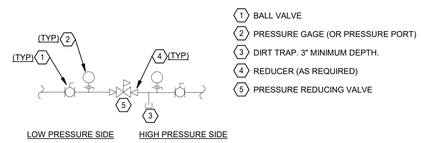
3 FLOOR DRAIN INSTALLATION

P4.0 SCALE: NONE



5 BELOW GRADE PIPE HANGER

P4.0 SCALE: NONE



4 NATURAL GAS PRESSURE REDUCING VALVE DETAIL

P4.0 SCALE: NONE

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: JG
Drawn By: ML Checked By: JG

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

PLUMBING DETAILS

seal: STATE OF LOUISIANA — JOSEPH D. GARON License No. 43776 PROFESSIONAL ENGINEER MECHANICAL ENGINEERING — 10/28/25

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: P4.0

10/28/2025 4:05:05 PM

TYPICAL MOUNTING HEIGHTS

THE CONTRACTOR SHALL COORDINATE THE MOUNTING HEIGHT OF ALL FIXTURES, DEVICES, AND OUTLETS WITH ALL DRAWINGS. SPECIAL MOUNTING HEIGHTS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THOSE GIVEN BELOW. ALL MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, UNLESS NOTED OTHERWISE.

SWITCHES	LIGHTING CONTROL SWITCHES AND DIMMERS	4'-0"
	TOGGLE SWITCHES FOR EQUIP DISCONNECT	ADJACENT ASSOCIATED UNIT
RECEPTACLES	STANDARD	1'-6"
	ABOVE COUNTER WITHOUT BACKSPLASH	0'-8" ABOVE TOP OF COUNTER
	ABOVE COUNTER WITH BACKSPLASH	0'-4" ABOVE TOP OF BACKSPLASH
	FOR TELEVISION	SAME AS TV OUTLET
	WALL/FOOR MOUNTED SINKS (GFCI)	0'-4" ABOVE TOP OF SINK
ELECTRICAL EQUIPMENT	SAFETY SWITCH	6'-6" TO TOP OF ENCLOSURE
	MOTOR STARTER	6'-6" TO TOP OF ENCLOSURE
	PANELBOARD	6'-6" TO TOP OF ENCLOSURE
	COMMUNICATIONS CABINET	6'-6" TO TOP OF ENCLOSURE

ELECTRICAL INDEX OF DRAWINGS

SHEET NO.	SHEET NAME
E0.0	ELECTRICAL LEGEND & ABBREVIATIONS
E0.1	ELECTRICAL NOTES
E1.0	ELECTRICAL SITE PLAN
E2.0	LIGHTING PLAN
E3.0	POWER & DATA PLAN
E4.0	MECHANICAL POWER PLAN
E5.0	POWER RISER DIAGRAM
E6.0	ELECTRICAL DETAILS
E7.0	PANEL SCHEDULES

ELECTRICAL ABBREVIATIONS

A	AMPERAGE OR AMPS
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BFG	BELOW FINISED GRADE
BKR	BREAKER
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
cd	CANDELA RATING
CKT	CIRCUIT
CLG	CEILING
CU	COPPER
dBA	DECIBEL LEVEL
DW	DISHWASHER
DWG	DRAWING
EA	EACH
EC	EMPTY CONDUIT
EF	EXHAUST FAN
ELEC	ELECTRICAL
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST	EXISTING
EXP	EXPLOSION PROOF EQUIPMENT
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FT	FEET
G	GROUND
GFCI	GROUND FAULT CURRENT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HD	HEAVY DUTY
HGT	HEIGHT
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HUB	LIGHTING CONTROL HUB
IG	ISOLATED GROUND
ISO	ISOLATION
JB, J-BOX	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILO VOLT-AMPERE
LED	LIGHT EMITTING DIODE
LIM	LINE ISOLATION MONITOR
LTS	LUMINAIRE, LIGHTING FIXTURES
MCB	MAIN CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MILS
MDS	MAIN DISTRIBUTION SYSTEM
MECH	MECHANICAL
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG HT	MOUNTING HEIGHT
MW	MICROWAVE
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON FUSIBLE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALL OPEN
NTS	NOT TO SCALE
OS	OCCUPANCY SENSOR
P	POLE
PB	PULLBOX
PH	PHASE
PNL	PANEL
PNLBD	PANELBOARD
PVC	POLYVINYL CHLORIDE CONDUIT
QTY	QUANTITY
RE	REFERENCE
REC, RECEPT	RECEPTACLE
REF	REFRIGERATOR
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
SHT	SHEET
SUBST	SUBSTATION
SWBD	SWITCHBOARD
T	TELEPHONE
TR	TELECOMMUNICATIONS ROOM
TTB	TELECOMMUNICATIONS TERMINAL BOARD
TYP	TYPICAL
UC	UNDER COUNTER
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTAGE OR VOLTS
VAV	VARIABLE AIR VOLUME BOX
VRF	VARIABLE REFRIGERANT FLOW UNIT
W	WATTS, WIRES
WAP	WIRELESS ACCESS POINT
WH	WATER HEATER
WP	WEATHERPROOF
WW	WIREWAY (TROUGH)
XFMR	TRANSFORMER
Ø	PHASE

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
LIGHTING	
	LIGHTING FIXTURES CONNECTED TO NORMAL BRANCH CIRCUIT
	LIGHTING FIXTURES WITH INTEGRAL BATTERY PACK OR CONNECTED TO A LIFE SAFETY BRANCH CIRCUIT FOR EMERGENCY EGRESS ILLUMINATION
	LIGHTING FIXTURES CONNECTED TO A CRITICAL BRANCH CIRCUIT
STANDARD / DIRECTIONAL	RECESSED CAN / DOWNLIGHT FIXTURE
	CEILING SURFACE / SEMI-FLUSH LIGHT FIXTURE
	CHANDELIER / PENDANT LIGHT FIXTURE
	WALL MOUNTED FIXTURE, SCONCE
	LINEAR STRIP LIGHT OR WRAPAROUND FIXTURE, CEILING MOUNTED OR SUSPENDED
	WALL MOUNT LINEAR FIXTURE, SURFACE OR RECESSED
	NARROW LINEAR FIXTURE, SURFACE OR RECESSED MOUNTED
	LED TAPE-LIGHT, CONCEALED IN COVE, SHELVING, ETC.
	RECESSED TROFFER
CEILING / WALL	CEILING OR WALL MOUNTED EXIT SIGN, SHADED AREA INDICATES FACE, ARROWS INDICATE EXIT DIRECTION
	TRACK LIGHTING, LENGTH AS SHOWN ON DRAWINGS, QUANTITY OF HEADS AS SHOWN ON DRAWINGS
	EXTERIOR POLE MOUNTED LIGHTING FIXTURE
	EXTERIOR POLE MOUNTED LIGHTING FIXTURE (WITH DUAL HEADS)
	EXTERIOR LIGHTING FIXTURE, POST TOP MOUNTED OR BOLLARD
	EMERGENCY BATTERY PACK UNIT
LIGHT FIXTURE MODIFIERS	
a,b,c,d F##E NL	LOWERCASE LETTER DESIGNATES FIXTURE CONTROL OR SWITCHING GROUP FIXTURE DESIGNATOR ENDING WITH THE LETTER 'E' INDICATES EMERGENCY FIXTURE NIGHT LIGHT FIXTURE - TO REMAIN ON ALWAYS
PE / PE	PHOTOELECTRIC SWITCH
DS	DAYLIGHT DIMMING SENSOR
	WALL MOUNTED OCCUPANCY/VACANCY SENSOR WITH LOW-VOLTAGE LOAD CONTROLLER/POWER PACK
	CEILING-CORNER MOUNTED OCCUPANCY/VACANCY SENSOR WITH LOW-VOLTAGE LOAD CONTROLLER/POWER PACK
OS	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR WITH LOW-VOLTAGE LOAD CONTROLLER/POWER PACK
LC	MULTI-POLE LIGHTING CONTACTOR
LCP	LIGHTING CONTROL PANEL
$OS	OCCUPANCY/VACANCY SENSOR WALL SWITCH - BASIS OF DESIGN: LUTRON MS-B102 (NON-DIMMING))
$OD	0-10 VOLT DIMMING WALL MOTION SENSOR SWITCH - BASIS OF DESIGN: LUTRON MS-Z10
$	SINGLE POLE SNAP SWITCH
SWITCH MODIFIERS	
2 DOUBLE THROW (3 POSITION) - CENTER OFF 3 THREE WAY 4 FOUR WAY K KEY OPERATED P PILOT LIGHT MC MOMENTARY CONTACT	M MOTOR RATED 2M 2 POLE, MOTOR RATED AC ABOVE COUNTER UC UNDER COUNTER D DIMMER SWITCH T DIGITAL TIMER SWITCH
POWER	
	EXISTING UTILITY POLE
	NEW UTILITY POLE
	DISTRIBUTION PANELBOARD OR SWITCHBOARD
RECESSED / SURFACE	PANELBOARD
RECESSED / SURFACE	SPECIAL PURPOSE CABINET
	MULTI-OUTLET SURFACE RACEWAY ASSEMBLY
	POWER/ DATA POLE
	GROUNDING ELECTRODE
	MOTOR CONNECTION
	COMBINATION MOTOR STARTER & DISCONNECT SWITCH
	MAGNETIC MOTOR STARTER
B	ENCLOSED CIRCUIT BREAKER
T	DRY-TYPE TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH
	DISCONNECT OR SAFETY SWITCH
DISCONNECT SWITCH TAG	SWITCH RATING / POLES / FUSE RATING / ENCLOSURE NEMA TYPE (NF = NON-FUSED) EXAMPLE: 60/3/40F/3R = 60AMP, 3-POLE WITH 40AMP FUSES, NEMA 3R RATED

NOTE:
THIS IS A TYPICAL SCHEDULE, ALL SYMBOLS & MODIFIERS SHOWN MAY NOT APPEAR ON DRAWINGS

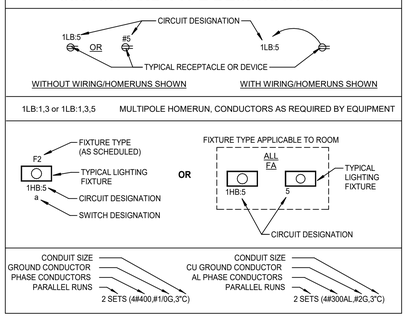
ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
WALL / CEILING / FLOOR	JUNCTION BOX WITH COVER, MOUNTED FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES, UNLESS INDICATED OTHERWISE. SIZE PER NEC
WALL / CEILING / FLOOR	SIMPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE
WALL / CEILING / FLOOR	DUPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE
WALL / CEILING / FLOOR	QUADRAPLEX RECEPTACLE 20A, 120V, GROUNDING TYPE
	RECEPTACLE & COMMUNICATIONS COMBINATION FLOOR BOX - TYPICAL
	SPECIAL TYPE RECEPTACLE, 250V RATED, NEMA TYPE AS INDICATED OR AS REQUIRED
	SPECIAL TYPE RECEPTACLE, 120V RATED, NEMA TYPE AS INDICATED OR AS REQUIRED
	DUPLEX / QUADRUPLEX RECEPTACLE, 20 AMP, 120V, GFI TYPE (GROUND FAULT INTERRUPTER)
	SWITCHED RECEPTACLE
RECEPTACLE AND JUNCTION BOX MODIFIERS	
AC ABOVE COUNTER UC UNDER COUNTER IG ISOLATED GROUNDING TYPE EWC ELECTRIC WATER COOLER WP WEATHER PROOF - WET-WHILE-IN-USE ##A DESIGNATES AMPERE RATING TR TAMPER RESISTANT HD ELECTRIC HAND DRYER AV AV SYSTEM JUNCTION BOX CR CORD REEL WITH RECEPT AS INDICATED D DOOR ACCESS POWER CONNECTION	TV MOUNTED AT TELEVISION ELEVATION U RECEPTACLE WITH INTEGRAL USB CHARGING PORT MW MICROWAVE RECEPTACLE SD SINK DISPOSAL DW DISHWASHER REF REFRIGERATOR FSD FIRE SMOKE DAMPER OH OVERHEAD DOOR
TELECOMMUNICATIONS	
	DATA OUTLET - WALL MOUNTED
	VOICE (TELEPHONE) OUTLET - WALL MOUNTED
	VOICE/DATA OUTLET - WALL MOUNTED
	CEILING MOUNTED COMMUNICATIONS OUTLET
	FLOOR MOUNTED COMMUNICATIONS OUTLET
TELECOMMUNICATIONS OUTLET MODIFIERS	
# PROVIDE QUANTITY OF RJ45 CONNECTIONS INDICATED BY #. DEFAULT OF (1) RJ-45 CONNECTION. AC ABOVE COUNTER	AV AV DATA , DEFAULT OF (2) RJ-45 CONNECTIONS, (1) 1" SPARE STUBBED ABOVE CEILING DS INSTALLED AT DIGITAL SIGNAGE MOUNTING HEIGHT
TV	T.V. OUTLET, PROVIDE TWO RJ45 CONNECTIONS AND ONE COAX (UON)
WAP / WAP	WIRELESS ACCESS POINT, PROVIDE TWO RJ45 CONNECTIONS
	TELECOMMUNICATIONS BACKBOARD
NR	NETWORK RACK
FIRE ALARM	
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM ANNUNCIATOR PANEL
F	MANUAL PULL STATION
WALL / CEILING	SMOKE DETECTOR
WALL / CEILING	THERMAL / HEAT DETECTOR
D	DUCT MOUNTED SMOKE DETECTOR
CM	CARBON MONOXIDE DETECTOR
S	SMOKE DETECTOR WITH SOUNDER BASE - DWELLING OCCUPANCY
C/S	SMOKE & CARBON MONOXIDE DETECTOR
C/S S	SMOKE & CARBON MONOXIDE DETECTOR WITH SOUNDER BASE
FAS WALL / FS CEILING	FIRE ALARM AUDIO/VISUAL NOTIFICATION APPLIANCE (SPEAKER OR HORN AS APPLICABLE)
F WALL / F CEILING	FIRE ALARM VISUAL NOTIFICATION APPLIANCE (4" SQUARE BOX WITH 2-GANG RING)
FS WALL / FS CEILING	FIRE ALARM VOICE EVAC SPEAKER (4" SQUARE BOX WITH 2-GANG RING)
M	FIRE ALARM MONITOR MODULE
PIV	POST INDICATOR VALVE
	MAGNETIC DOOR HOLDER
FL	SPRINKLER FLOW SWITCH
TS	SPRINKLER TAMPER SWITCH
C	FIRE ALARM CONTROL MODULE
NURSE CALL SYSTEM	
CB	NURSE CALL CODE BLUE STATION
E	NURSE CALL EMERGENCY PUSH BUTTON STATION
D	NURSE CALL DOME LIGHT
DS	NURSE CALL DUTY STATION
SP	NURSE CALL SINGLE PATIENT STATION PILLOW SPEAKER WITH TV CONTROL
EP	NURSE CALL EMERGENCY PULL CORD STATION (PULL CORD TO EXTEND WITHIN 2" A.F.F.)
NCMS	NURSE CALL MASTER STATION
Z	NURSE CALL INTERSECTION ZONE LIGHT

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
ACCESS CONTROL SYSTEM	
CR / BR	CARD READER / BIOMETRIC READER
ES / EL	
MG	ELECTROMAGNETIC DOOR LOCK
MS	ACCESS CONTROL SYSTEM MOTION SENSOR
DC	DOOR CONTACT
	DOOR ACCESS PUSHBUTTON
DAP	DOOR ACCESS SYSTEM CONTROL PANEL / POWER SUPPLY
INTRUSION DETECTION (BURGLAR ALARM) SYSTEM	
IDP	INTRUSION DETECTION SYSTEM CONTROL PANEL
DC	DOOR OR WINDOW CONTACT
	GLASS BREAK DETECTOR
K	INTRUSION DETECTION SYSTEM KEYPAD
	INTRUSION DETECTION SYSTEM MOTION DETECTOR, CEILING MUONTED
	INTRUSION MOTION DETECTOR/PIR - CEILING CORNER OR WALL MOUNT
INTERCOM AND SOUND REINFORCEMENT SYSTEMS	
IC	MAIN INTERCOM EQUIPMENT RACK
$IC	CALL-IN SWITCH, PUSHBUTTON
IC	INTERCOM TELEPHONE OUTLET
S WALL / SS CEILING	SOUND REINFORCEMENT SYSTEM SPEAKER
P WALL / PS CEILING	INTERCOM/PAGING SYSTEM SPEAKER
V	SOUND SYSTEM SPEAKER VOLUME CONTROL
MIC	MICROPHONE JACK
MISCELLANEOUS	
C	CCTV CAMERA - WALL OR CEILING MOUNTED AS REQUIRED
C WP	CCTV CAMERA - EXTERIOR - WALL OR CEILING MOUNTED AS REQUIRED
ARM / ARR	AREA OF REFUGE MASTER / REMOTE STATION
2WM / 2WR	EMERGENCY 2-WAY COMMUNICATION MASTER / REMOTE STATION
GRA	GENERATOR REMOTE ANNUNCIATOR CONTROL PANEL
G	GENERATOR EMERGENCY SHUTOFF PUSHBUTTON
P	AUTOMATIC DOOR OPENER PUSH PLATE
AD	AUTOMATIC DOOR OPENER POWER SUPPLY
CIRCUITRY	
	HOMERUN TO PANELBOARD, QUANTITY OF ARROWS INDICATES NUMBER OF CIRCUITS.
	CONDUIT RAN ABOVE GRADE/FLOOR CONCEALED IN CEILING OR WALLS
	CONDUIT RAN BELOW GRADE/FLOOR CONCEALED
	CONDUIT RAN ABOVE GRADE/FLOOR EXPOSED
	CONDUIT RAN BELOW FLOOR EXPOSED
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	CONDUIT STUB OUT

CIRCUIT AND TYPE DESIGNATIONS



YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

ELECTRICAL LEGEND & ABBREVIATIONS

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33608, PROFESSIONAL ENGINEER, 10/28/25

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: E0.0

10/28/2025 4:31:30 PM

GENERAL NOTES - ELECTRICAL

1. WORK PERFORMED SHALL AT A MINIMUM BE IN ACCORDANCE WITH THE LATEST APPLICABLE EDITION ADOPTED BY THE AUTHORITY HAVING JURISDICTION OF THE STANDARDS LISTED BELOW, WHERE THESE SPECIFICATIONS, PLANS, AND NOTES ARE MORE STRINGENT THAN ADOPTED CODE, THEY SHALL TAKE PRECEDENCE. IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE ARCHITECT AND ENGINEER.
   a. NFPA 70 NATIONAL ELECTRICAL CODE (NEC)
   b. NFPA 101 LIFE SAFETY CODE
   c. NFPA 72 NATIONAL FIRE ALARM CODE
   d. INTERNATIONAL BUILDING CODE (IBC)
   e. INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
   f. NFPA 90A STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS
   g. NFPA 90B STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR CONDITIONING SYSTEMS
   h. NFPA 92 & 92A STANDARD FOR SMOKE CONTROL SYSTEMS
   i. ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
   j. AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)
   k. ASME A17.1: ELEVATORS, DUMBWAITERS, ESCALATORS AND MOVING WALKS
   l. ILLUMINATING ENGINEERING SOCIETY (IES)
   m. OSHA 1926 SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION
   n. NECA 1 STANDARD PRACTICE OF GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION
   o. UTILITY/SERVICE PROVIDER CUSTOMER INSTALLATION STANDARDS
   p. APPLICABLE HEALTH CODES
   q. APPLICABLE STATE AND LOCAL CODES/ORDINANCES
2. INCLUDE THE COSTS TO INCORPORATE ALL CODES AND ORDINANCE REQUIREMENTS INTO THE BASE BID AND INSTALLATION OF WORK FOR THIS PROJECT. NO ADDITIONAL FUNDS WILL BE ALLOCATED FOR WORK TO CONFORM TO REGULATIONS AND REQUIREMENTS AND/OR TO OBTAIN APPROVAL OF WORK.
3. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL.
4. IF A CONFLICT OCCURS BETWEEN DRAWINGS, SPECIFICATIONS, AND/OR NOTES, THEN CONTRACTOR SHALL BID THE GREATER QUANTITY AND/OR QUALITY.
5. ARCHITECT BASE DRAWINGS HAVE PREFERENCE. ALL DISCREPANCIES WITH BASE DRAWINGS IN ELECTRICAL SET TO BE CLARIFIED WITH CONTRACTOR, ARCHITECT AND ELECTRICAL ENGINEER.
6. ELECTRICAL EQUIPMENT AND COMPONENTS SHALL BE AT A MINIMUM ELEVATED ABOVE BASE FLOOD ELEVATION OR THREE FEET ABOVE THE HIGHEST ADJACENT CURB AND STREET CENTERLINE, WHICHEVER IS HIGHER. ABIDE BY THE IBC, FEMA GUIDELINES & REGULATIONS, AND THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) GUDELINES & REGULATIONS.
7. COMPLETELY BOND AND GROUND ENTIRE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE CURRENT NEC ARTICLE 250 IN IT'S ENTIRETY.
8. DRAWINGS ARE DIAGRAMMATICAL. ALL ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE ONLY. FOR ALL MEASUREMENTS, USE ARCHITECTURAL, MECHANICAL OR OTHER RESPECTIVE DIVISION'S PLANS AND FIELD SURVEYS. COORDINATE WITH AIR CONDITIONING WORK, PARTITION WORK, ETC., WHEN NEEDED. LAYOUT OF EQUIPMENT, ACCESSORIES, SPECIALTIES, WIRING AND CONDUIT SYSTEMS ARE STRICTLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED, AND DO NOT INDICATE EVERY REQUIRED FITTING, ELBOW, TRANSITION, JUNCTION BOX OR SIMILAR ITEMS THAT ARE REQUIRED FOR A COMPLETE INSTALLATION.
9. COORDINATE PHASING AS DIRECTED BY ARCHITECTURAL DRAWINGS AND THE GENERAL CONTRACTOR. MAKE ALL TEMPORARY CONNECTIONS NECESSARY ACCORDING TO ELECTRICAL DEMOLITION NOTES.
10. PREPARE AND SUBMIT A COMPLETE SET OF CONSTRUCTION COORDINATION DRAWINGS UTILIZING THE DIMENSIONS OF THE ACTUAL EQUIPMENT TO BE UTILIZED AND INDICATING THE EXACT ROUTING FOR ALL ELEMENTS SUCH AS PIPING, CABLE TRAY, CONDUIT, DUCTWORK, FIRE SPRINKLER LINES, ETC., INCLUDING CONDUIT EMBEDDED IN CONCRETE, AND PAYING CLOSE ATTENTION TO SLOPED PLUMBING LINES SUCH AS SANITARY AND STORM SEWER. USE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AS THE BASE DRAWINGS TO WHICH ALL TRADES SHALL ADD THEIR WORK. PROVIDE PLAN VIEWS AS WELL AS SUFFICIENT ELEVATIONS AND SECTIONS TO ASSURE AND DEMONSTRATE INSTALLATION SEQUENCING, ACCESS, AND SPACE COORDINATION. NO WORK SHALL COMMENCE IN THE AREA COVERED BY THE SPECIFIC DRAWING UNTIL REVIEW AND ACCEPTANCE OF DRAWING.
11. WORK INSTALLED BY A TRADE WHICH INTERFERES WITH WORK OF ANY OTHER TRADE WILL BE CORRECTED AT NO COST TO THE OWNER.
12. CONTRACTOR TO COORDINATE ALL CONDUITS AND ELECTRICAL DEVICES/BOXES WITH ARCHITECT AS RELATED TO WALL CONSTRUCTION AND FIRE RATING OF PARTITIONS TYPE PRIOR TO INSTALLATION.
13. PRIOR TO ROUGHING-IN ANY WIRING OR DEVICES, CONFIRM EXACT LOCATIONS WITH ARCHITECT/OWNER.
14. CONTRACTOR TO COORDINATE ALL UTILITY SERVICE REQUIREMENTS WITH OWNER OR TENANT AND LOCAL UTILITY SERVICE PROVIDER FOR ALL UTILITIES REQUIRED BY OWNER OR TENANT (ELECTRICAL, PHONE, CABLE, DATA, ETC.) AND PROVIDE A FULL INSTALL INCLUDING CONDUIT, DEMARK POINTS, JUNCTION BOXES, ETC. IN ACCORDANCE WITH RESPECTIVE UTILITY'S REQUIREMENTS.
15. PROVIDE COMPLETE INSTALLATION, INCLUDING ALL MINOR ITEMS. THIS INCLUDES ELECTRICAL, PHONE, CABLE, DATA, FIBER AS WELL AS ANY OTHER SYSTEMS SHOWN IN THESE DRAWINGS. PROVIDE ALL MOUNTING HARDWARE FOR LIGHTING FIXTURES AND OTHER ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE INSTALL.
16. A WARRANTY PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF FINAL COMPLETION OF THE PROJECT SHALL APPLY TO ALL ELECTRICAL EQUIPMENT FURNISHED AND TO ANY ELECTRICAL WORK FURNISHED UNDER THESE SPECIFICATIONS. CONTRACTOR SHALL REPAIR OR REPLACE ANY DEFECTS IN WORKMANSHIP, DESIGN OR MATERIALS AT HIS OWN EXPENSE. WARRANTY WORK SHALL BE PERFORMED WITHIN A REASONABLE TIMEFRAME AS SOON AS POSSIBLE AFTER THE DISCREPANCY IS NOTICED.
17. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GENERAL CONTRACTOR ON THE APPLICATION FOR PERMIT AND REMITTANCE OF ALL FEES. IN ADDITION, CONTRACTOR TO PROVIDE FINAL INSPECTION CERTIFICATE.
18. CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK TO UNDERSTAND THE COMPLEXITY, RESTRICTIONS, AND ALL THE REQUIREMENTS TO PERFORM WORK OF THESE DOCUMENTS IN SAID FACILITY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE SUCCESSFUL BIDDER FOR FAILURE TO BE SO INFORMED.
19. CONTRACTOR SHALL CAREFULLY INVESTIGATE STRUCTURAL CONDITIONS, WALL AND CHASE LOCATIONS AND ROOM FINISHES AND MAKE ACTUAL MEASUREMENTS ON THE JOB SO THAT ALL ELECTRICAL EQUIPMENT SUCH AS PANELBOARDS, SWITCHES, RECEPTACLES, LIGHTING FIXTURES, FIRE ALARM STATIONS, HORNS, ANNUNCIATORS, CONDUITS AND ACCESSORIES SHALL HAVE ADEQUATE CLEARANCES AS REQUIRED BY NEC AND BY THE MANUFACTURER'S REQUIRED INSTALLATION PRACTICES. ALL EQUIPMENT SHALL BE CONNECTED IN A WAY THAT ALLOWS AMPLE MAINTENANCE SPACE AND PASSAGE SPACE.
20. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF STORED MATERIALS AND INSTALLED WORK. ALL MATERIALS SHALL BE TIGHTLY COVERED AND PROTECTED AGAINST DIRT, RUST, MOISTURE, CHEMICAL AND MECHANICAL INJURY REGARDLESS OF LOCATION. MATERIALS SHALL NOT BE STORED DIRECTLY ON EARTH OR IN AREAS WHERE THEY WILL BE SUBJECT TO PHYSICAL INJURY FROM VEHICLE TRAFFIC OR CONSTRUCTION EQUIPMENT.
21. CONDUIT OPENINGS SHALL BE CAPPED OR PLUGGED DURING INSTALLATION. KEEP STOCK OF MATERIAL AND EQUIPMENT STORED ON THE PREMISES IN A NEAT AND ORDERLY MANNER.
22. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SURPLUS MATERIALS OR FOREIGN MATTER CAUSED BY THE PERFORMANCE OF ELECTRICAL WORK ON THE PREMISES. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE PREMISES IN A CLEAN CONDITION.
23. NO INSTALLATION WILL BE CONSIDERED COMPLETE UNTIL THE PROPER OPERATION OF ALL ELECTRICAL EQUIPMENT HAS BEEN DEMONSTRATED TO THE SATISFACTORY OF THE OWNER OR ITS AUTHORIZED REPRESENTATIVE. ALSO, ANY RECORD DRAWINGS, BOOKS NECESSARY TO MAINTAIN OR REPLACE ANY CONTRACTOR SUPPLIED MATERIAL SHALL BE COMPILED AND PRESENTED TO THE OWNER IN A FORM SUITABLE FOR REPRODUCTION. PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL INSURE THAT ALL CIRCUITRY IS SHOWN AS WIRED IN THE FIELD AND HAS ACCURATE HOMERUN DESIGNATIONS. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.
24. NFPA 70 DEFINITIONS
   a. OUTLET: A POINT ON THE WIRING SYSTEM AT WHICH CURRENT IS TAKEN TO SUPPLY UTILIZATION EQUIPMENT.
   b. RECEPTACLE: A CONTACT DEVICE INSTALLED AT THE OUTLET FOR THE CONNECTION OF AN ATTACHMENT PLUG.
   c. RECEPTACLE OUTLET: AN OUTLET WHERE ONE OR MORE RECEPTACLES ARE INSTALLED
25. WORKMANSHIP TO MEET NECA - 1 GUIDELINES. PUT INTO OPERATION AND TEST ALL ELECTRICAL EQUIPMENT. ALL CIRCUITS SHALL BE TESTED BY CONTRACTOR FOR PROPER VOLTAGE AND PHASE ROTATION; CONTINUITY; PROPER POLARITY; PROPERLY FUNCTIONING GROUND FAULT INTERRUPTERS AND OTHER OUTLETS AND EQUIPMENT; AND FOR ELECTRICAL ISOLATION OF ALL UNGROUNDED CONDUCTORS FROM GROUND AND FROM THE CONDUIT SYSTEM. CONTRACTOR SHALL BALANCE THE LOADS ON EACH PANEL TO WITHIN 15% BETWEEN MAXIMUM AND MINIMUM CURRENTS.
26. CONTRACTOR SHALL PROVIDE ALL NECESSARY TESTING EQUIPMENT (INCLUDING 24VDC SYSTEM) AND PERSONNEL FOR MAKING TEST. ALL TEST SHALL BE MADE IN THE PRESENCE OF THE OWNER OR A REPRESENTATIVE THEREOF. WHEN TEST RESULTS ARE NOT SATISFACTORY, THE CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS AND/OR CHANGES AND SHALL NOTIFY OWNER THAT HE IS READY FOR ANOTHER TEST. CONTRACTOR SHALL REPEAT TEST OR TESTS WHICH DISCLOSED FAULTY OR DEFECTIVE WORK OR EQUIPMENT AND SHALL MAKE SUCH ADDITIONAL TESTS AS OWNER DEEMS NECESSARY.
27. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL INSURE THAT ALL CIRCUITRY IS SHOWN AS WIRED IN THE FIELD AND HAS ACCURATE HOMERUN DESIGNATIONS. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.
28. FOR DOOR CONTACT & ACCESS CONTROL HARDWARE, NO EXPOSED CONDUIT SHALL BE RUN. SOME CUTTING AND PATCHING AND/OR UNDER-SLAB CONDUIT RUNS MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE ALL RUNS AS WELL AS CUTTING AND PATCHING METHODOLOGIES WITH ARCHITECT.

GENERAL NOTES - POWER

1. INSTALL EQUIPMENT SO THAT CLEAR WORKING SPACE REQUIREMENTS OF THE NEC ARE MET. REFER TO NEC 110.26.
2. ALL ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE OF THE SAME MANUFACTURER, INCLUDING: PANELBOARDS, TRANSFORMERS, DISTRIBUTION PANELS, SWITCHBOARDS, DISCONNECTS, MOTOR STARTERS, ETC.
3. PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS ARE TO BE FULLY RATED. - NO SERIES RATED EQUIPMENT IS ALLOWED.
4. ALL FLOOR MOUNTED ELECTRICAL DISTRIBUTION EQUIPMENT SHALL HAVE A 4" HIGH HOUSEKEEPING PAD EXTENDING 4" OUTSIDE THE EQUIPMENT FOOTPRINT IN ALL DIRECTIONS.
5. PROVIDE TYPEWRITTEN PANELBOARD SCHEDULES TO PANELBOARD DOORS DEPICTING THE NAME FINAL AS-BUILT CONDITIONS AT PROJECT COMPLETION. INDICATE DEVICE AND ROOM LOCATION.
6. NO MORE THEN TEN DUPLEX OUTLETS ARE ALLOWED ON A 120V 20A BRANCH CIRCUIT.
7. LENGTH OF RECEPTACLES SHALL RUN VERTICALLY. DO NOT MOUNT OUTLETS BACK TO BACK ON OPPOSITE SIDES OF PARTITIONS.
8. ALL EXTERIOR RECEPTACLES SHALL BE LISTED WEATHER-RESISTANT TYPE, BE GFI PROTECTED, AND HAVE AN ENCLOSURE/COVERPLATE THAT IS WEATHERPROOF (WITH THE ATTACHMENT PLUG CAP INSERTED OR REMOVED).
9. PROVIDE GROUND FAULT CIRCUIT INTERRUPTERS TYPE RECEPTACLES FOR ALL 15 AND 20 AMPERE, 120 VOLT, CONVENIENCE RECEPTACLES IN BATHROOMS, KITCHEN AREAS, ROOF TOPS, EXTERIOR AND WITHIN 6 FOOT OF ALL SINKS.
10. ALL ELECTRIC DRINKING FOUNTAINS SHALL BE PROTECTED WITH GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION. PROVIDE GFCI TYPE CIRCUIT BREAKERS FEEDING DRINKING FOUNTAINS OR AS INDICATED.
11. VERIFY EXACT LOCATION AND HEIGHT OF JUNCTION BOXES FOR POWER TO HAND DRYERS PRIOR TO ROUGH-IN. REFER ARCHITECTURAL DRAWINGS.
12. FOR ALL ROOFTOP UTILITY RECEPTACLES AND OTHER ELECTRICAL DEVICES MOUNTING, REFER TO ARCHITECTURAL ROOF DETAILS FOR ROOF FLASHING .
13. COORDINATE ALL RECEPTACLE OUTLETS LOCATED IN MECHANICAL ROOMS OR AREAS WITH ACTUAL MECHANICAL EQUIPMENT LAYOUT AND PIPING PRIOR TO ROUGH-IN. ALL RECEPTACLES TO BE ACCESSIBLE.
14. THESE DRAWINGS HAVE BEEN COORDINATED WITH MECHANICAL AND PLUMBING DRAWINGS. ELECTRICAL CONTRACTOR TO COORDINATE FUSE, CIRCUIT BREAKER, WIRE, CONDUIT, DISCONNECT, ETC. SIZES WITH MANUFACTURERS' RECOMMENDATIONS OF EQUIPMENT AND UNITS ACTUALLY INSTALLED AND MODIFY AS NECESSARY TO ACCOMMODATE. CIRCUITS AND OVERCURRENT PROTECTION ARE BASED ON RATINGS INDICATED. VERIFY "ACTUALLY INSTALLED" MOTOR AND APPLIANCE RATINGS AND LOADS AND PROVIDE CORRECTLY SIZED MOTOR-RELATED ELECTRICAL COMPONENTS. REFLECT ALL CHANGES IN THE RECORD DRAWINGS. COORDINATE WITH ELECTRICAL ENGINEER IF NECESSARY.
15. PROVIDE ALL REQUIRED MOTOR STARTERS, OVERCURRENT AND DISCONNECTION MEANS FOR EQUIPMENT SPECIFIED BY OTHER DISCIPLINES, WHETHER SPECIFICALLY INDICATED ON THESE DRAWINGS OR NOT. DEVICE WILL HAVE APPROPRIATE SIZE, NUMBER OF POLES AND NEMA RATING FOR INTENDED APPLICATION.
16. COORDINATE AND VERIFY ALL FLOOR PENETRATIONS AND FLOOR RECEPTACLE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS. CONTRACTOR TO PROVIDE COORDINATION DRAWINGS FOR APPROVAL. THESE DRAWINGS SHALL BE SUBMITTED AND REVIEWED BY THE DESIGN TEAM.
17. TRANSFORMER LOSSES AND EFFICIENCIES SHALL BE IN COMPLIANCE WITH THE U.S. DEPARTMENT OF ENERGY 10 CFR § 431.
18. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO POWER ALL MECHANICAL SYSTEMS CONTROL EQUIPMENT. (INCLUDING BAS SYSTEM).
19. PROVIDE CONTROL TRANSFORMERS WITH INTEGRAL OVERCURRENT PROTECTION AS REQUIRED FOR MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
20. COORDINATE WITH MECHANICAL CONTRACTOR TO PROVIDE POWER FEEDS TO ACTUATED AND INTERLOCKED HVAC DAMPERS.
21. COORDINATE ALL ELECTRICAL REQUIREMENTS FOR EQUIPMENT PROVIDED UNDER DELEGATED DESIGNS WITH THE GENERAL CONTRACTOR AND THE PARTY RESPONSIBLE FOR EACH DELEGATED DESIGN. PROVIDE ALL REQUIRED ELECTRICAL FEEDS, CIRCUITS, CONDUITS AND PATHWAYS, CONNECTIONS, EQUIPMENT, AND SIMILAR AS REQUIRED BY THE DELEGATED DESIGN TO FULLY ACCOMMODATE THE DELEGATED DESIGN FOR A COMPLETE INSTALL.

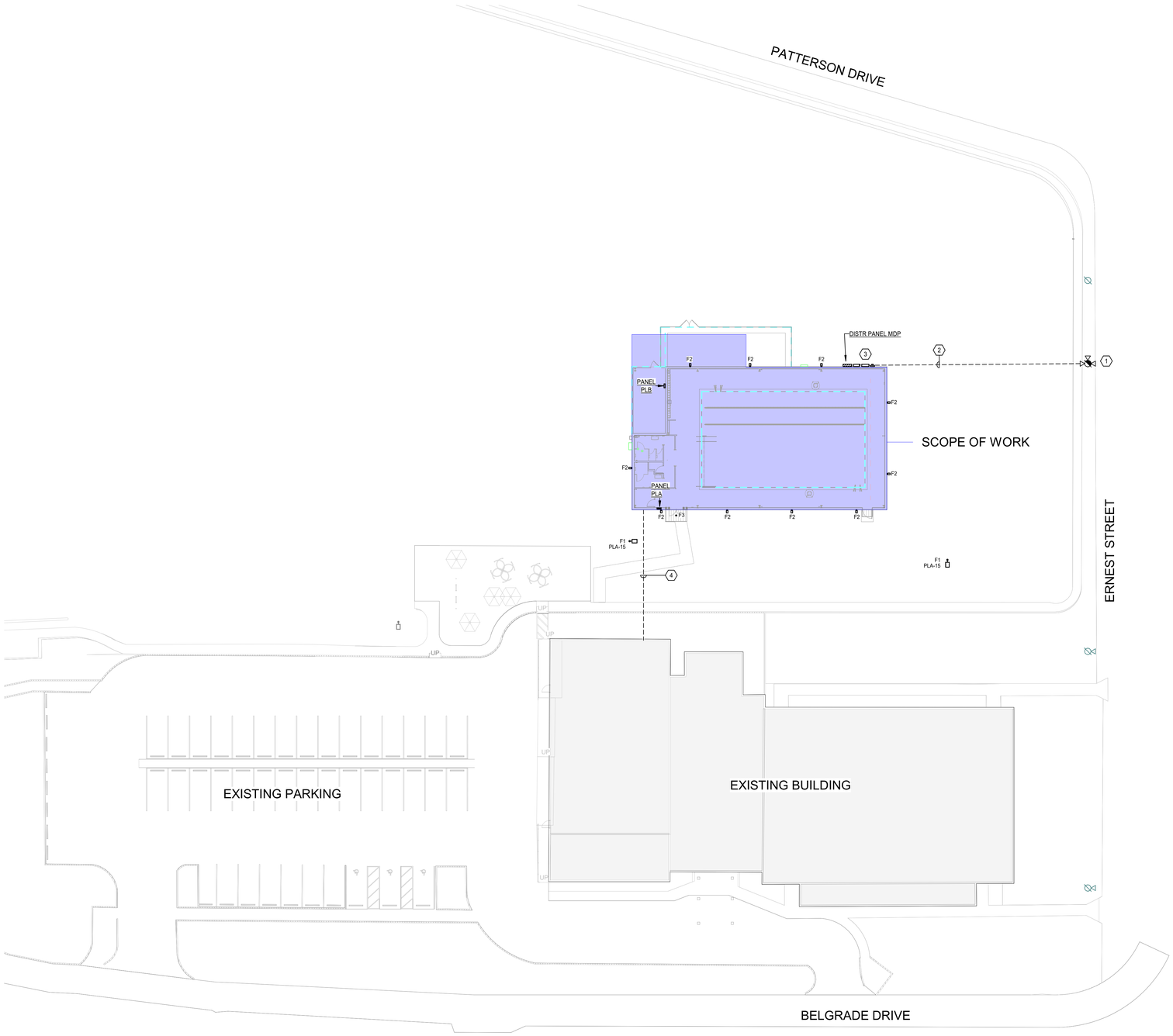
GENERAL NOTES - LIGHTING

1. ALL EXIT SIGNS SHALL BE ON UNSWITCHED "HOT" LEG SERVING THE AREA, CONNECTED AHEAD OF SWITCH SERVING AREA/ROOM.
2. ALL EXIT SIGNS SHALL BE WALL MOUNTED, WHERE POSSIBLE (UNLESS INDICATED OTHERWISE). WHERE WALL MOUNTING AFFECTS FIRE RATING OF THE AREA (SUCH AS STAIR ENCLOSURES), EXIT SIGN SHALL BE CEILING MOUNTED.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.
4. ALL ADJUSTABLE FIXTURES SHALL BE LOCATED AND PROPERLY AIMED AS DIRECTED BY THE ARCHITECT OR LIGHTING DESIGNER. ALL AIMING OF BUILDING FACADE LIGHTING SHALL BE PERFORMED BY CONTRACTOR AT NIGHT. ADJUSTABLE SUSPENDED FIXTURES HUNG WITH CHAIN OR CABLE SHALL HAVE SLACK IN THE SUPPORT AVAILABLE TO MOVE THE FIXTURE AS DIRECTED BY ARCHITECT OR LIGHTING DESIGNER.
5. RECESSED FIXTURES IN FIRE RATED CEILINGS AND RETURN AIR PLENUMS SHALL BE RATED FOR THE FIRE RATING OF THE CEILING OR SHALL BE FULLY ENCLOSED IN A FIRE RATED HOUSING ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
6. IN AREAS WITH EXPOSED CEILINGS, SUSPEND CEILING-MOUNTED EXIT SIGNS AND MOTION SENSORS ON A RIGID STEM AS REQUIRED TO CLEAR OBSTRUCTIONS AND MAINTAIN VISIBILITY.
7. RUN LIGHTING CONTROL SIGNAL WIRING (0-10V, DMX, ETC.) FROM BUILDING DIMMING SYSTEM EQUIPMENT TO LUMINAIRES AS APPLICABLE.
8. PROVIDE DATA INJECTORS AS NEEDED FOR ALL DMX CONTROLLED LIGHTING PER MANUFACTURER REQUIREMENTS.
9. UNLESS OTHERWISE NOTED, ALL NON-PROCEDURE AREAS SHALL BE PROVIDED WITH MOTION (OCCUPANCY/VACANCY) SENSOR DEVICES FOR AUTOMATIC CONTROL OF LIGHTING. PROVIDE QUANTITY AS REQUIRED FOR FULL COVERAGE OF THE ROOM/AREA.
10. ALL MOTION SENSOR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PRIOR TO INSTALLATION.
11. MOTION SENSOR COVERAGE AREAS AND PATTERNS VARY BY MANUFACTURER. CONTRACTOR SHALL VERIFY SENSOR LAYOUT WITH CHOSEN MANUFACTURER'S COVERAGE PATTERNS PRIOR TO INSTALLATION. PROVIDE OCCUPANCY/VACANCY SENSORS AS REQUIRED FOR FOR FULL COVERAGE OF THE AREAS THEY CONTROL.
12. COORDINATE LOCATIONS OF MOTION SENSORS WITH FURNITURE LAYOUTS AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION. ADJUST LOCATIONS ACCORDINGLY.
13. UNLESS OTHERWISE NOTED, ALL MOTION SENSORS SHALL BE SETUP FOR 20 MINUTE DELAY FOR AUTOMATIC SHUTOFF OF LIGHTING.
14. CONTRACTOR SHALL VERIFY THE REQUIRED NUMBER OF LIGHTING CONTROL POWER PACKS; ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT.
15. PROVIDE A MINIMUM OF (1) ONE SWITCH PER EACH ROOM ENTRY POINT TROUGHOUT. UNLESS OTHERWISE NOTED ALL LIGHT SWITCHES SHALL BE LUTRON PICO WIRELESS DIMMING SWITCHES - 2-BUTTON WITH RAISE/LOWER (PJ2-2BRL).
16. WALL MOTION SENSOR SWITCHES MAY BE USED IN ROOMS SMALLER THAN 100 SQFT IF COVERAGE ALLOWS. OTHERWISE USE CEILING MOUNTED DEVICES.
17. PROVIDE UL924 TRANSFER DEVICES AS APPLICABLE FOR EACH MANUALLY CONTROLLED SWITCHING ZONE THAT HAS FIXTURES ON EMERGENCY POWER. TRANSFER DEVICES SHALL:
   a. ALLOW FIXTURES TO TRANSFER TO EMERGENCY MODE WHEN THERE IS LOSS OF NORMAL POWER.
   b. ALLOW EMERGENCY AND NON-EMERGENCY LIGHT FIXTURES TO BE CONTROLLED TOGETHER ON A SINGLE ZONE.
18. ALL LIGHTING CIRCUITS IN CORRIDORS AND CIRCULATION AREAS SHALL BE CONTROLLED VIA LIGHTING CONTROL SYSTEM AND SHALL HAVE PROGRAMMABLE TIME-BASED AUTOMATIC CONTROL.

GENERAL NOTES - WIRING METHODS

1. UNLESS OTHERWISE INDICATED, WIRING FOR ALL SYSTEMS CALLED FOR IN THE SPECIFICATIONS AND SHOWN ON DRAWINGS SHALL CONSIST OF SINGLE INSULATED INDIVIDUAL COPPER CONDUCTORS IN METALLIC CONDUIT.
2. PROVIDE SEPARATE BOXES AND RACEWAYS FOR "EMERGENCY" SYSTEM WIRING AND FOR "NORMAL" SYSTEM WIRING. KEEP DIFFERENT VOLTAGE SYSTEMS SEPARATE IN DIFFERENT RACEWAYS AND BOXES.
3. ALL WIRES SHALL BE COLOR CODED TO COMPLY WITH NEC AND PANELS SHALL BE LABELED TO PROVIDE IDENTIFICATION AS TO CONDUCTOR COLOR CODING.
4. PROVIDE SEPARATE INSULATED GREEN EQUIPMENT GROUND CONDUCTOR IN ALL CIRCUITS.
5. ALL CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE NOTED. THWN OR THHN #6 AWG AND SMALLER SHALL BE SOLID AND #8 AWG SHALL BE STRANDED. COLOR-CODE CONDUCTORS PER NFPA 70.
6. ALL ELECTRICAL POWER TERMINATIONS SHALL BE LISTED FOR 75 DEGREES C UNLESS OTHERWISE NOTED.
7. SINGLE PHASE 120V AND 277V 15A OR 20A BRANCH CIRCUITS WITH UNMARKED CONDUCTOR AMOUNTS AND SIZES SHALL DEFAULT TO 2#12, #12G, 1/2"C.
8. ALL ELECTRICAL SYSTEMS EQUIPMENT, RACEWAYS, AND CABLES SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE IN AN APPROVED MANNER AND FASTENED TO BUILDING CONSTRUCTION WITH LISTED AND CODE COMPLIANT SUPPORTS.
9. RIGID STEEL CONDUIT (GRC) SHALL BE HOT DIPPED GALVANIZED, THREADED, WITH THREADED FITTINGS, INSULATED THROAT CONNECTORS AND BUSHINGS.
10. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED STEEL "THINWALL" TERMINATED WITH INSULATED THROAT BUSHINGS. TUBING FITTINGS SHALL BE STEEL-RING COMPRESSION TYPE FITTINGS FOR SIZES UP TO 2" IN DIAMETER AND SET SCREW TYPE FITTINGS FOR 2-1/2" AND LARGER. SUPPORT TUBING WITH ONE-HOLE MALLEABLE OR TWO-HOLE GALVANIZED SHEET STEEL CLAMPS.
11. FLEXIBLE CONDUIT SHALL BE CONTINUOUS LENGTH SPIRALLY WOUND, GALVANIZED, INTERLOCKING STEEL WITH COMPRESSION FITTINGS, INSULATED-THROAT CONNECTORS, ANTI-SHORT BUSHINGS, AND SUPPORTED WITH GALVANIZED TWO-HOLE SHEET STEEL CLAMPS. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL HAVE CONTINUOUS PLASTIC COATING AND GLAND-TYPE SEALED FITTINGS.
12. RIGID NON-METALLIC CONDUIT SHALL BE SCHEDULE 40 PVC, NEMA TC 2.
13. ALL ELECTRICAL CIRCUITS SHALL BE INSTALLED IN CONDUIT.
14. THE MINIMUM RACEWAY SIZE SHALL BE 1/2 INCH.
15. RACEWAYS AND CABLES SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
16. CONDUIT AND TUBING SHALL BE RUN IN STRAIGHT LINES FOLLOWING BUILDING LINES. IN GENERAL BENDS SHALL BE AT 90 DEGREES AND CONDUIT AND TUBING SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS AND OTHER CONDUITS AND TUBING. GROUP CONDUIT WHERE PRACTICAL. GROUPED CONDUITS SHALL BE RUN WITH EQUIDISTANT SPACING (DERATE ACCORDING TO NFPA 70 REQUIREMENTS). USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION. THE ENTIRE INSTALLATION SHALL BE DONE IN A NEAT AND WORKMAN LIKE MANNER. ROUTING IN EXPOSED AREAS SHALL BE APPROVED BY THE ARCHITECT.
17. RACEWAYS AND CABLES MUST BE SUPPORTED AND SECURED BY STAPLES, CABLE TIES, STRAPS, HANGERS, OR SIMILAR FITTINGS UL LISTED FOR THIS PURPOSE. (NFPA 70 SECTION 300.11)
18. TYPE NM (NONMETALLIC-SHEATHED) CABLE SHALL NOT BE ALLOWED.
19. TYPE MC (METAL-CLAD) CABLE IS ALLOWED FOR INTERIOR CONCEALED BRANCH CIRCUITS OF 65A OR LESS.
20. MC CABLE OR FMC SHALL NOT BE EXPOSED TO PHYSICAL DAMAGE. MC CABLE SHALL NOT BE EMBEDDED IN CONCRETE OR EXPOSED TO CINDER FILLS. FMC SHALL NOT BE IMBEDDED IN CONCRETE OR EXPOSED TO AGGREGATE. (NFPA 70 SECTION 330.12 & 348.12)
21. MC SHALL BE SECURED AND SUPPORTED AT INTERVALS NOT GREATER THAN 6'-0" AND WITHIN 1'-0" OF ALL JUNCTION BOXES, CABINETS, AND OTHER CABLE TERMINATION LOCATIONS.
22. MC CABLES RUNNING HORIZONTALLY THROUGH WOODEN OR METAL FRAMING MEMBERS SHALL BE CONSIDERED SUPPORTED AND SECURED WHERE THE SPACING OF MEMBERS IS 6'-0" OR LESS.
23. LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC) AND FLEXIBLE METAL CONDUIT (FMC) IS ONLY PERMITTED TO BE INSTALLED FOR CONNECTIONS TO VIBRATING EQUIPMENT AND SHALL HAVE A MAXIMUM LENGTH 72 INCHES. USE ANTI-SHORT BUSHINGS ON FLEXIBLE CONDUIT.
24. BENDS TO FMC SHALL BE MADE AS TO NOT SIGNIFICANTLY REDUCE THE INTERNAL DIAMETER (NEC 348.24).
25. FMC SHALL BE SUPPORTED AT 4.5 FT INTERVALS AND SECURED WITHIN 12 INCHES OF EVERY BOX, CABINET, FITTING OR OTHER CABLE TERMINATION (NEC 348.30)
26. EMT SHALL BE SUPPORTED IN 10 FT INTERVALS AND FASTENED WITHIN 3 FT OF EVERY TERMINATION POINT (NFPA 70 SECTION 358.30)
27. RACEWAYS MAY NOT BE USED AS A MEANS OF SUPPORT FOR OTHER RACEWAYS OR CABLES (NFPA 70 SECTION 300.11)
28. KEEP RACEWAYS AND ENCLOSURES PLUGGED AND CAPPED OR COVERED UNTIL WIRING IS INSTALLED AND FINAL TRIM/COVER IS IN PLACE.
29. MAINTAIN FIRE RATING OF WALLS, FLOORS, AND CEILINGS WHEN PERFORMING WORK AND INSTALLING DEVICES, BOXES, ETC. USE FIRE CAULK, "PUTTY PADS," AND OTHER APPROVED AND APPROPRIATE METHODS TO MAINTAIN RATING.
30. RACEWAYS AND OUTLETS PASSING THROUGH OR INSTALLED IN FIRE RATED CONSTRUCTION SHALL BE SEALED WITH U.L LISTED FIRE RATED SEALANT SYSTEM IN ACCORDANCE WITH SEALANT MANUFACTURERS' RECOMMENDATIONS. WHERE ELECTRICAL RACEWAYS ARE INSTALLED THROUGH RATED FLOORS OR WALLS, THE CONTRACTOR SHALL PROVIDE APPROPRIATE FIRE RATED DEVICES APPROVED BY ALL REQUIRED LOCAL AUTHORITIES FOR THE INTENDED APPLICATION.
31. RACEWAYS PENETRATING THROUGH ANY ROOF SHALL HAVE ROOF PITCH POCKETS AND FLASHING WITH CAULKING AND PIPE SLEEVE. INSTALLATION SHALL BE WATERTIGHT. ROOF MOUNTED CONDUIT SYSTEMS SHALL BE INSTALLED ON SYNTHIC RECYCLED RUBBER SUPPORT BASES SPACED TO MEET NEC REQUIREMENTS FOR THE SIZE OF THE CONDUIT.
32. PROVIDE CONDUIT SEALING FITTINGS AT POINT OF ENTRY FOR ALL CONDUITS ENTERING BUILDING FROM EXTERIOR.
33. PROVIDE EXPANSION AND DEFLECTION FITTINGS FOR CONDUITS CROSSING EXPANSION JOINTS. PROVIDE BONDING JUMPERS FOR ALL EXPANSION FITTINGS. OUTLET BOXES SHALL BE 4" SQUARE BY 2 1/8" DEEP (OR LARGER) GALVANIZED SHEET STEEL, KO-TYPE WITH PLASTER RING AND COVER FOR GENERAL INTERIOR USE AND CAST METAL TYPE FS OR FD WITH MATCHING WEATHER PROOF SCREW-COVERS FOR EXTERIOR AND EXPOSED INTERIOR LOCATIONS (GASKETED IN DAMP OR WET LOCATIONS).
34. JUNCTION BOXES SHALL BE SAME AS OUTLET BOXES UP TO 42 CU IN. AND CODE-GAGE STEEL IN LARGER SIZES WITH SURFACE OR FLUSH-TYPE SCREW-MOUNTED TRIM/COVERS; BOTH BOXES AND COVERS INHIBITOR-PRIMED AND PAINTED INSIDE AND OUT.
35.

10/28/2025 4:29:16 PM



1 ELECTRICAL SITE PLAN
E1.0 SCALE: 1" = 20'-0"

SHEET REFERENCE NOTES

1. NEW 3-PHASE TRANSFORMER BANK POLE BY ENTERGY.
2. UNDERGROUND SERVICE LATERAL. SEE POWER RISER DIAGRAM ON SHEET E5.0 FOR MORE INFORMATION.
3. SERVICE ENTRANCE EQUIPMENT. SEE POWER RISER DIAGRAM ON SHEET E5.0.
4. (1) 4" CONDUIT 24" (MIN) BELOW GRADE, SPARE FOR FUTURE LOW-VOLTAGE/COMMUNICATIONS SYSTEMS. PROVIDE PULL STRING AND CAP BOTH ENDS.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

ELECTRICAL SITE PLAN

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

seal
STATE OF LOUISIANA
CHAD M. HADAWAY
License No. 33606
PROFESSIONAL ENGINEER
10/28/25
CIVIL ENGINEER

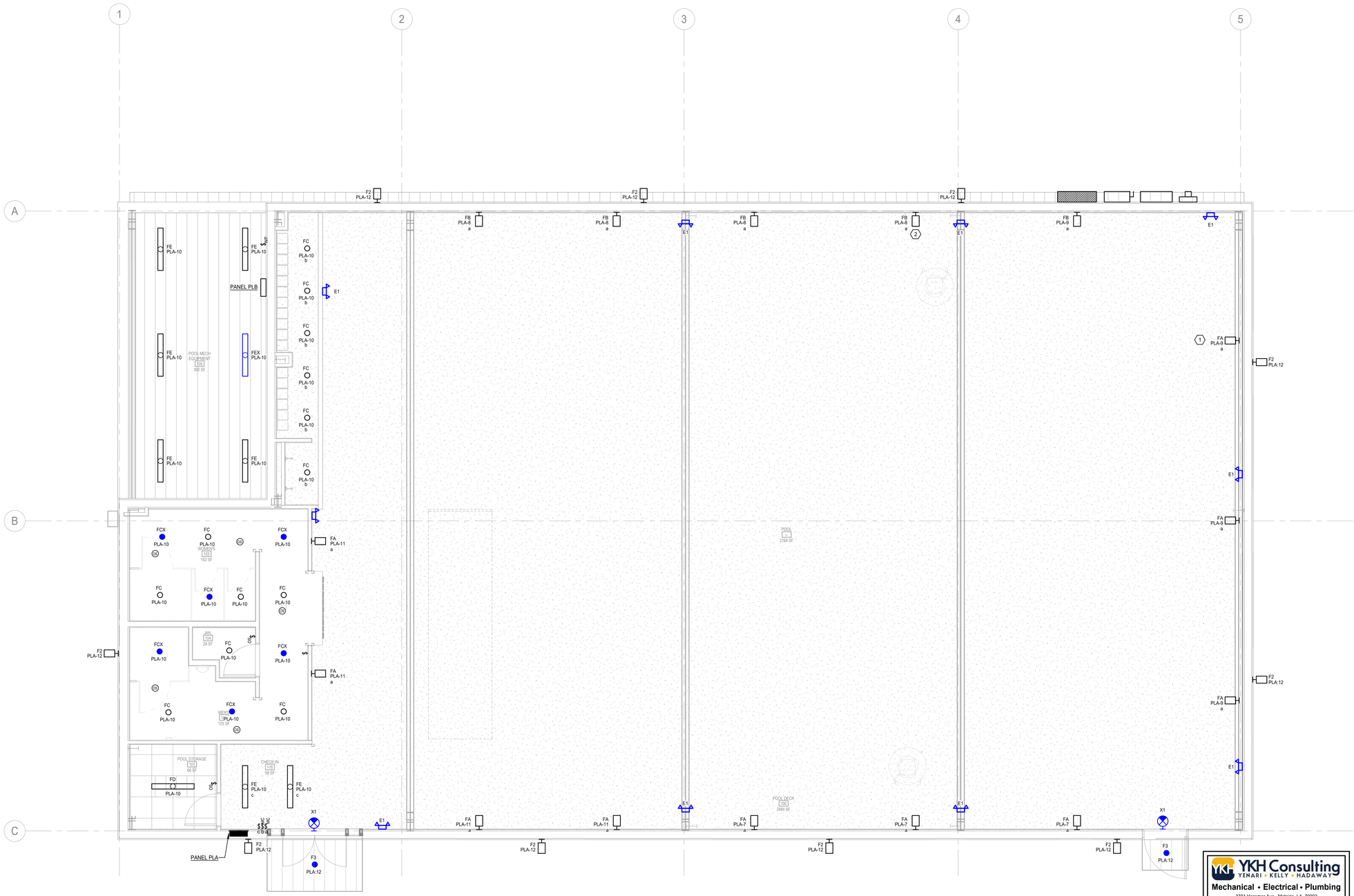
project number 41229.00
date 10/28/2025
phase PERMIT SET

drawing number E1.0

10/28/2025 4:01:58 PM

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP/SOURCE	
					WATTS	TYPE
E1	ISOLITE	BUG-6W-WH-MB	DUAL ADJUSTABLE HEAD LED EMERGENCY LIGHT WITH INTEGRAL BATTERY AND TEST SWITCH	WALL MOUNTED AT 8-FT AFF	6W	LED
F1	LSI	MRM-LED-12L-SIL-FT-UNV-DIM-40-70CRI	LOW-PROFILE LED AREA/SITE LIGHTS MOUNTED ON 20 FT ROUND STEEL POLE, FORWARD THROW DISTRIBUTION	POLE WITH CONCRETE BASE	204W	LED, 4000K
F2	LSI	WPSLL-LED-6L-UNV-DIM-40	LOW-PROFILE WALL PACK	WALL MOUNTED AT 8-FT AFF	60W	LED, 4000K
F3	HE WILLIAMS	6DR-TL-L30-8-35-EM/10W-DIM-UNV	6" APERATURE RECESSED DOWNLIGHT	CEILING RECESSED	27W	LED, 4000K
FA	BEACON PRODUCTS	RFL5-360L-265-4K7-W-CC	LOW-PROFILE WALL PACK	WALL MOUNTED AT 9'-6" AFF	252W	LED,4000K
FB	BEACON PRODUCTS	RFL5-360L-265-4K7-W-CC	LOW-PROFILE WALL PACK	WALL MOUNTED AT 8-FT AFF	252W	LED,4000K
FC	PRESCOLITE	TR-6RD-H-ML-30L-DM1-LTR-6RD-T-ML-35K-8-XW-SS LTR-6RD-CE-WT	6" APERATURE RECESSED DOWNLIGHT, CORROSION RESISTANT, WIDE BEAM, 4000 LUMENS, NATATORIUM RATED	CEILING RECESSED	26.9W	LED, 4000K
FCX	PRESCOLITE		SAME AS FC WITH EMERGENCY BATTERY PACK	CEILING RECESSED	26.9W	LED, 4000K
FD	LSI	EG3-4-LED-6L-DA-S-UNV-DIM-40-80	4' VAPORTITE, FIBERGLASS HOUSING, FROSTED LENS	SURFACE/ SUSPENDED CEILING	48W	LED, 3500K
FE	HE WILLIAMS	96-4-L40/840-PCFR-WET/2-DIM-UNV	4' VAPORTITE, NON-METALLIC HOUSING, FROSTED LENS, STAINLESS STEEL LATCHES WITH CHAIN V-HANGER OR STAINLESS STEEL SURFACE BRACKET AS APPLICABLE	SURFACE/ SUSPENDED CEILING	30W	LED, 4000K
FEX	HE WILLIAMS	96-4-L40/840-PCFR-WET/2-DIM-UNV	SAME AS FE WITH BATTERY BACKUP	SURFACE/ SUSPENDED CEILING	30W	LED, 4000K
X1	ISOLITE	EUG-EM-G-2M-MTEB	(PUBLIC AREAS) CLEAR ACRYLIC EDGELIT LED EXIT SIGN, BRUSHED ALUMINUM TRIM FINISH, NUMBER OF FACES AND DIRECTIONAL ARROWS AS PER DRAWINGS OR AS REQUIRED, UNIVERSAL MOUNTING, SELF-POWERED, RED LETTERING	WALL SURFACE	2W	LED



1 LIGHTING PLAN

E2.0 SCALE: 1/4" = 1'-0"

SHEET REFERENCE NOTES

1 LIGHT FIXTURE TO BE MOUNTED AT 114" AFF. TYPICAL FOR ALL FA LIGHTING FIXTURES.

2 LIGHT FIXTURE TO BE MOUNTED AT 96" AFF. TYPICAL FOR ALL FB LIGHTING FIXTURES.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

LIGHTING PLAN

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33606, PROFESSIONAL ENGINEER, 10/28/25, MECHANICAL ENGINEER

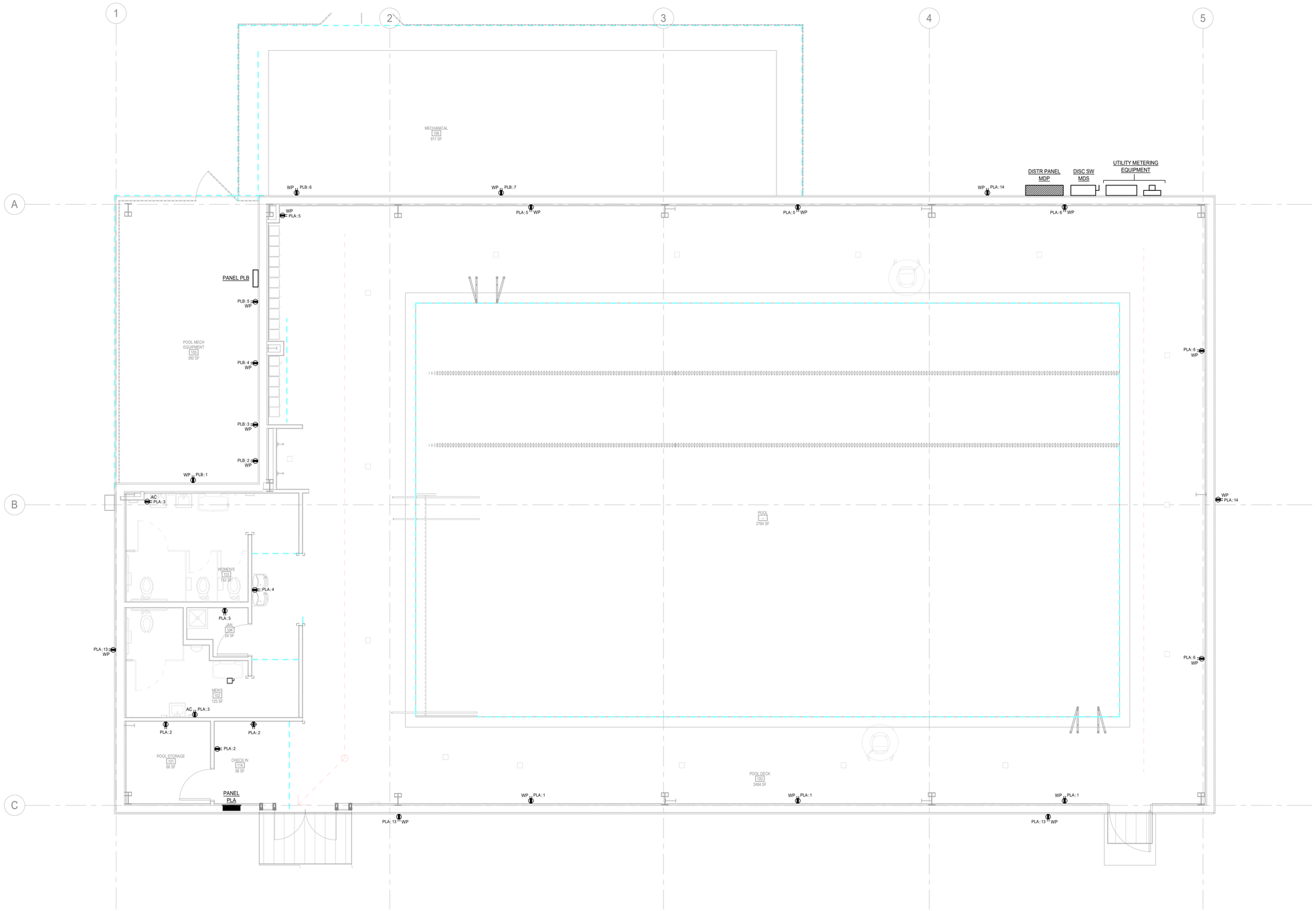
project number: 41229.00

date: 10/28/2025

phase: PERMIT SET

drawing number: E2.0

10/28/2025 4:01:38 PM



1 POWER & DATA PLAN

E3.0 SCALE: 1/4" = 1'-0"

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

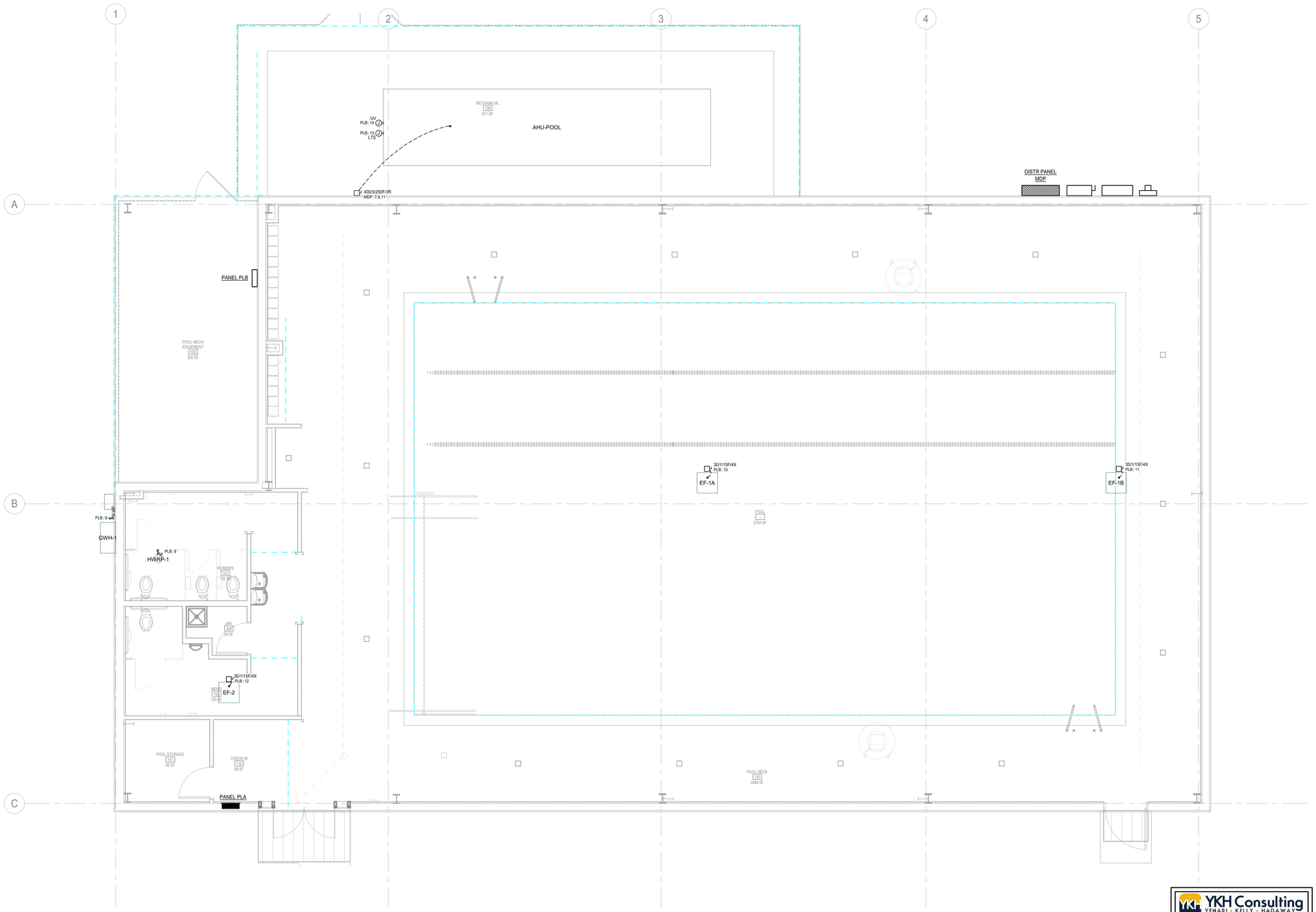
POWER & DATA PLAN

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33608, PROFESSIONAL ENGINEER, 10/28/2025

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: E3.0

10/28/2025 4:01:53 PM

SHEET REFERENCE NOTES



1 MECHANICAL POWER PLAN
E4.0 SCALE: 1/4" = 1'-0"

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions		
No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

MECHANICAL POWER PLAN

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33606, PROFESSIONAL ENGINEER, 10/28/25, ELECTRICAL ENGINEER

project number	drawing number
41229.00	E4.0
date: 10/28/2025	
phase: PERMIT SET	

10/28/2025 4:25:53 PM

FEEDER SCHEDULE

1. BASED ON TYPE THHN/THWN CONDUCTORS (75° TEMP. RATING) IN RIGID CONDUIT.
2. PHASE CONDUCTORS ARE COPPER OR ALUMINUM AS INDICATED.
3. ALL GROUND CONDUCTORS SHALL BE COPPER.

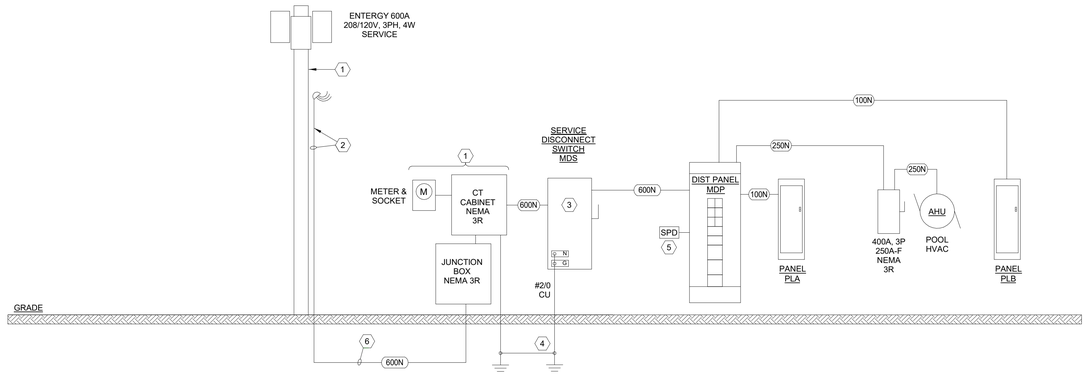
SETS OF 4# ___, 1# ___G, ___" C
- ___ CONDUIT SIZE
- ___ CU GROUND CONDUCTOR SIZE (AWG)
- ___ PHASE CONDUCTOR SIZE (AWG)
- ___ QUANTITY OF PARALLEL RUNS

3-PHASE, 4-WIRE

DESIG. TAG	AMPS	COPPER PHASE CONDUCTORS	AMPS	ALUMINUM PHASE CONDUCTORS
20N	20	4#12, 1#12(G), 3/4" C	-	N/A
30N	30	4#10, 1#10(G), 3/4" C	-	N/A
50N	50	4#8, 1#10(G), 3/4" C	-	N/A
60N	65	4#6, 1#10(G), 1" C	-	N/A
80N	85	4#4,1#8(G), 1-1/4" C	-	N/A
100N	100	4#3,1#8(G), 1-1/4" C	100	4#1, 1#8(G), 1-1/2" C
110N	115	4#2,1#6(G), 1-1/4" C	120	4#1/0, 1#6(G), 2" C
125N	130	4#1, 1#6(G), 1-1/2" C	135	4#2/0, 1#6(G), 2" C
150N	150	4#1/0, 1#6(G), 2" C	155	4#3/0, 1#6(G), 2" C
175N	175	4#2/0, 1#6(G), 2" C	180	4#4/0, 1#6(G), 2-1/2" C
200N	200	4#3/0, 1#6(G), 2" C	205	4#250, 1#6(G), 2-1/2"C
225N	230	4#4/0, 1#4(G), 2-1/2" C	230	4#300, 1#4(G), 2-1/2"C
250N	255	4#250, 1#4(G), 2-1/2" C	250	4#350, 1#4(G), 3" C
300N	310	4#350, 1#4(G), 3" C	310	4#500, 1#4(G), 3-1/2" C
350N	335	4#400, 1#3(G), 3" C	360	2 SETS OF 4#4/0, 1#3(G), 2-1/2"C
400N	380	4#500, 1#3(G), 3-1/2" C	410	2 SETS OF 4#250, 1#3(G), 2-1/2"C
500N	510	2 SETS OF 4#250, 1#2(G), 2-1/2" C	500	2 SETS OF 4#350, 1#2(G), 3" C
600N	620	2 SETS OF 4#350, 1#1(G), 3" C	620	2 SETS OF 4#500, 1#1(G), 3-1/2" C
700N	670	2 SETS OF 4#400, 1#1/0(G), 3" C	690	3 SETS OF 4#300, 1#1/0(G), 2-1/2"C
800N	760	2 SETS OF 4#500, 1#1/0(G), 3-1/2" C	810	3 SETS OF 4#400, 1#1/0(G), 3"C
1000N	1005	3 SETS OF 4#400, 1#2/0(G), 3"C	1000	4 SETS OF 4#350, 1#2/0(G), 3" C
1200N	1240	4 SETS OF 4#350, 1#3/0(G), 3"C	1240	4 SETS OF 4#500, 1#3/0(G), 3-1/2" C
1600N	1675	5 SETS OF 4#400, 1#4/0(G), 3"C	1620	6 SETS OF 4#400, 1#4/0(G), 3"C

3-PHASE, 3-WIRE (NO NEUTRAL) AND 1-PHASE, 3-WIRE

DESIG. TAG	AMPS	COPPER PHASE CONDUCTORS	AMPS	ALUMINUM PHASE CONDUCTORS
20	20	3#12, 1#12(G), 3/4" C	-	N/A
30	30	3#10, 1#10(G), 3/4" C	-	N/A
50	50	3#8, 1#10(G), 3/4" C	-	N/A
60	65	3#6, 1#10(G), 1" C	-	N/A
80	85	3#4,1#8(G), 1-1/4" C	-	N/A
100	100	3#3,1#8(G), 1-1/4" C	100	3#1, 1#8(G), 1-1/2" C
110	115	3#2,1#6(G), 1-1/4" C	120	3#1/0, 1#6(G), 2" C
125	130	3#1, 1#6(G), 1-1/2" C	135	3#2/0, 1#6(G), 2" C
150	150	3#1/0, 1#6(G), 2" C	155	3#3/0, 1#6(G), 2" C
175	175	3#2/0, 1#6(G), 2" C	180	3#4/0, 1#6(G), 2-1/2" C
200	200	3#3/0, 1#6(G), 2" C	205	3#250, 1#6(G), 2-1/2"C
225	230	3#4/0, 1#4(G), 2-1/2" C	230	3#300, 1#4(G), 2-1/2"C
250	255	3#250, 1#4(G), 2-1/2" C	250	3#350, 1#4(G), 3" C
300	310	3#350, 1#4(G), 3" C	310	3#500, 1#4(G), 3-1/2" C
350	335	3#400, 1#3(G), 3" C	360	2 SETS OF 3#4/0, 1#3(G), 2-1/2"C
400	380	3#500, 1#3(G), 3-1/2" C	410	2 SETS OF 3#250, 1#3(G), 2-1/2"C
500	510	2 SETS OF 3#250, 1#2(G), 2-1/2" C	500	2 SETS OF 3#350, 1#2(G), 3" C
600	620	2 SETS OF 3#350, 1#1(G), 3" C	620	2 SETS OF 3#500, 1#1(G), 3-1/2" C
700	670	2 SETS OF 3#400, 1#1/0(G), 3" C	690	3 SETS OF 3#300, 1#1/0(G), 2-1/2"C
800	760	2 SETS OF 3#500, 1#1/0(G), 3-1/2" C	810	3 SETS OF 3#400, 1#1/0(G), 3"C
1000	1005	3 SETS OF 3#400, 1#2/0(G), 3"C	1000	4 SETS OF 3#350, 1#2/0(G), 3" C
1200	1240	4 SETS OF 3#350, 1#3/0(G), 3"C	1240	4 SETS OF 3#500, 1#3/0(G), 3-1/2" C
1600	1675	5 SETS OF 3#400, 1#4/0(G), 3"C	1620	6 SETS OF 3#400, 1#4/0(G), 3"C



1 POWER RISER DIAGRAM

E5.0 | SCALE: NONE

SHEET GENERAL NOTES

A. COORDINATE WITH ENTERGY FOR ALL REQUIREMENTS RELATED TO POWER SERVICE TO FACILITY AND ADJUST WORK ACCORDINGLY.

B. PROVIDE SERVICE GROUND AS REQUIRED IN ACCORDANCE WITH NEC ART. 250.66

C. VERIFY THE SITE BASE FLOOD ELEVATION (BFE) AND MOUNT ALL EQUIPMENT ABOVE AS REQUIRED.

(#) SHEET REFERENCE NOTES

1. PROVIDE UTILITY METERING AS REQUIRED BY UTILITY INCLUDING METER SOCKET, JUNCTION BOX, AND CT CABINET, ETC.
2. RISE ON POLE AND TERMINATE CONDUCTORS AT WEATHER HEAD. UTILITY REQUIREMENTS.
3. 3P-600A, 240V, NEMA 3R RATED DISCONNECT SWITCH FUSED AT 600A; SERVICE ENTRANCE RATED. GROUND PER NEC ARTICLE 250.24.
4. GROUNDING ELECTRODE.
5. SPD SHALL HAVE MINIMUM SURGE CURRENT CAPABILITY (SINGLE PULSE RATED) OF 200KA PER PHASE. (4#6, #10G IN 1"C.)
6. UG DIRECT BURIAL CONDUITS PER ENTERGY REQUIREMENTS.

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

POWER RISER DIAGRAM

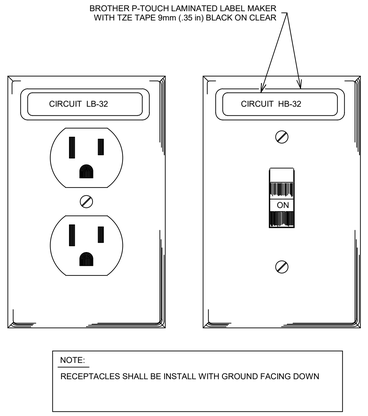
YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

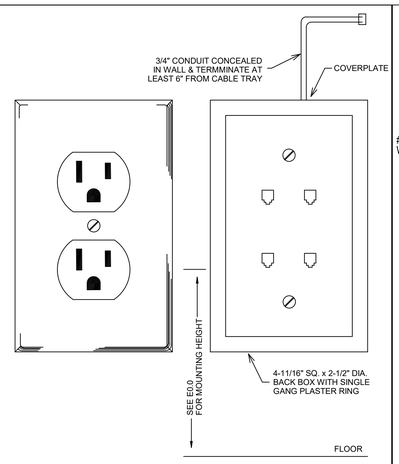
seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33608, PROFESSIONAL ENGINEER, 10/28/25

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: E5.0

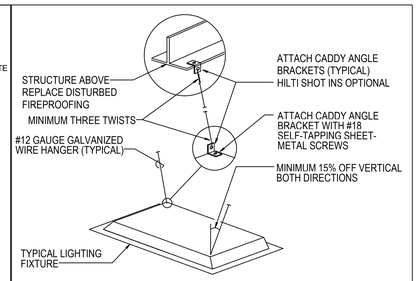
10/28/2025 4:25:54 PM



RECEPTACLE\SWITCH IDENTIFICATION | 1



RECEPTACLE/DATA SYSTEM | 2



FIXTURE SUPPRORT NOTES:

1. ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.
2. ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING LESS THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM AND THEY MUST HAVE A MINIMUM OF TWO #12 GAUGE SLACK SAFETY WIRES ATTACHED AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE.
3. ALL FIXTURES SUPPORTED ON INTERMEDIATE DUTY GRID SYSTEMS MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR TAUT #12 GAUGE WIRES ATTACHED TO THE STRUCTURE ABOVE.
4. ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR #12 GAUGE TAUT WIRES ATTACHED TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.
5. THE FOUR TAUT #12 GAUGE WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE UNIT.

FIXTURE SUPPORT DETAIL | 3

NOTE:
1. LIGHTING FIXTURE SHALL FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS. SUCH AS BOLTS, SCREWS, OR RIVETS. IN NON-ACCESSIBLE CEILINGS. CENTER IN FACE ELEMENT OF CEILING OR AS DIRECTED BY ARCHITECTS. AND FIXTURE(S) SHALL BE ALSO BE PERMITTED.

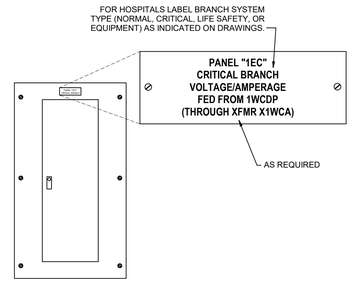
TYPICAL DOWNLIGHTING FIXTURE DETAIL | 4

SEE DIVISION 7 SECTION "THROUGH-PENETRATION FIRESTOP SYSTEMS"

RATED WALL PENETRATIONS | 5

NOTE:
SPD SHALL BE CLOSE-NIPPLED TO PANEL ENCLOSURE AND CONNECTED TO CLOSEST CIRCUIT BREAKER IN SPACE TO MINIMIZE LENGTH OF CONDUCTORS (NOT TO EXCEED 18"), AVOID UNNECESSARY BENDS, AND TWIST CONDUCTORS.

BRANCH CIRCUIT PANEL SPD | 6



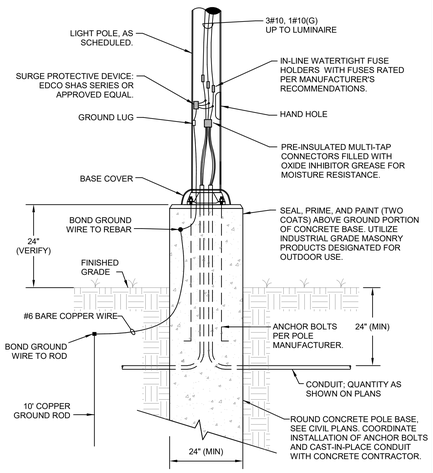
NOTE:
ALL PANELBOARDS INVOLVED IN THIS PROJECT (EXISTING AND NEW) SHALL BE IDENTIFIED BY THE PANEL NAME AND BRANCH OF THE ELECTRICAL SYSTEM. REFER TO THE SPECIFICATIONS FOR COLORS AND ADDITIONAL REQUIREMENTS.

PANELBOARD IDENTIFICATION | 7

MAX. UNIT WEIGHT	PANEL TYPE	"A"	"B"	"C"	"D"	"E"	"W"
120#	#1	[3 5/8"x16 GA. AT 16" O.N.	20"	52"	5 3/4"	4-5/16" DIAMETER MACHINE SCREWS	16"
300#	#2	[3 5/8"x16 GA. AT 16" O.N.	26"	42"	6 1/2"	4-5/16" DIAMETER MACHINE SCREWS	22"
600#	#3	[3 5/8"x16 GA. AT 16" O.N.	32"	40"	8 1/4"	4-5/16" DIAMETER MACHINE SCREWS	28"
1200#	#4	[3 5/8"x16 GA. AT 16" O.N.	44"	28"	9 1/2"	4-5/16" DIAMETER MACHINE SCREWS	38"

NOTE: DO NOT PENETRATE 1 1/2 " CRC WITH SCREWS.

ELECTRICAL PANEL ANCHORAGE DETAIL | 8



LIGHT POLE BASE GENERAL NOTES:
1. REFER TO STRUCTURAL AND/OR CIVIL PLANS FOR ADDITIONAL DETAILS AND INFORMATION.

TYPICAL LIGHT POLE BASE DETAIL | 9

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA. 70002
ykhconsulting.com 504.264.5111
Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

ELECTRICAL DETAILS

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33608, PROFESSIONAL ENGINEER, ELECTRICAL ENGINEER, 10|28|25

project number	drawing number
41229.00	E6.0
date: 10/28/2025	
phase: PERMIT SET	

10/28/2025 4:25:54 PM

DISTR PANEL MDP

LOCATION:
SUPPLY SOURCE:
MOUNTING: Surface
ENCLOSURE: Type 3R
BRANCHES:
POLES: 18
VOLTAGE: 208/120V 3PH, 4W
PHASE: 3 **WIRES:** 4
INTERIOR RATING: 600 A
MAINS RATING: 400 A
MAINS TYPE: MCB
AVAILABLE AIC:
AIC RATING: 22,000
___ SHUNT TRIP MAIN CB
X SERVICE ENTRANCE RATED
___ FEED-THROUGH LUGS
___ SUB-FEED LUGS
___ ISOLATED GROUND BAR
___ SERIES RATED
___ FULLY RATED

NO.	DESCRIPTION	WIRE SIZE	TRIP	POLE	A		B		C		POLE	TRIP	WIRE SIZE	DESCRIPTION	NO.
1	PANEL PLA	3-#3, 1-#3, 1-#8	100 A	3	4015	1080					3	100 A	3-#3, 1-#3, 1-#8	PANEL PLB	2
3	--	--	--	--			3048	1716			--	--	--	--	4
5	--	--	--	--					2794	2064	--	--	--	--	6
7	POOL HVAC	3-#250, 1-#250, 1-#4	250 A	3	22742	--					3	--	--	PROVISIONS	8
9	--	--	--	--			22742	--			--	--	--	--	10
11	--	--	--	--					22742	--	--	--	--	--	12
13	SPARE	--	60 A	3	0	0					3	60 A	--	SPD	14
15	--	--	--	--			0	0			--	--	--	--	16
17	--	--	--	--					0	0	--	--	--	--	18
			Total Load:		27837 VA		27506 VA		27600 VA						
			Total Amps:		232 A		229 A		230 A						

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATED DEMAND (VA)
HVAC	360 VA	100.00%	360 VA
Lighting	6257 VA	100.00%	6257 VA
Power	0 VA	0.00%	0 VA
Receptacle	5220 VA	100.00%	5220 VA

TOTALS:	
TOTAL CONNECTED LOAD:	82943 VA
TOTAL CONNECTED CURRENT:	230 A
ESTIMATED DEMAND LOAD:	52390 VA
ESTIMATED DEMAND CURRENT:	145 A
SPARE CAPACITY:	69.70%

NOTES:

PANEL PLA

LOCATION: CHECK IN 116
SUPPLY SOURCE: MDP
MOUNTING: FLUSH
ENCLOSURE: Type 4X
BRANCHES:
POLES: 42
VOLTAGE: 208/120V 3PH, 4W
PHASE: 3 **WIRES:** 4
INTERIOR RATING: 400 A
MAINS RATING: 175 A
MAINS TYPE: MCB
AVAILABLE AIC:
AIC RATING: 10,000
___ SHUNT TRIP MAIN CB
___ SERVICE ENTRANCE RATED
___ FEED-THROUGH LUGS
___ SUB-FEED LUGS
___ ISOLATED GROUND BAR
___ SERIES RATED
___ FULLY RATED

NO.	DESCRIPTION	WIRE SIZE	TRIP	POLE	A		B		C		POLE	TRIP	WIRE SIZE	DESCRIPTION	NO.
1	POOL DECK RECEPT	1-#12, 1-#12, 1-#12	20 A	1	540	720					1	20 A	1-#12, 1-#12, 1-#12	POOL STORAGE/CHECK IN...	2
3	WOMENS/JAN/MENS RR RECEPT	1-#12, 1-#12, 1-#12	20 A	1			540	180			1	20 A	1-#12, 1-#12, 1-#12	WATER FOUNTAIN RECEPT	4
5	POOL DECK RECEPT	1-#12, 1-#12, 1-#12	20 A	1					540	540	1	20 A	1-#12, 1-#12, 1-#12	POOL DECK RECEPT	6
7	POOL DECK LIGHTING	1-#12, 1-#12, 1-#12	20 A	1	795	1060					1	20 A	1-#10, 1-#10, 1-#10	POOL DECK LIGHTING	8
9	POOL DECK LIGHTING	1-#10, 1-#10, 1-#10	20 A	1			1060	799			1	20 A	1-#12, 1-#12, 1-#12	WOMEN/MEN RR	10
11	POOL DECK LIGHTING	1-#12, 1-#12, 1-#12	20 A	1					1060	654	1	20 A	1-#12, 1-#12, 1-#12	EXTERIOR LIGHTING	12
13	EXTERIOR RECEPT	1-#12, 1-#12, 1-#12	20 A	1	540	360					1	20 A	1-#12, 1-#12, 1-#12	EXTERIOR RECEPT	14
15	EXTERIOR LIGHTING	1-#12, 1-#12, 1-#12	20 A	1			469	0			1	20 A	--	SPARE	16
17	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	18
19	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	20
21	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	22
23	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	24
25	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	26
27	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	28
29	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	30
31	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	32
33	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	34
35	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	36
37	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	38
39	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	40
41	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	42
			Total Load:		4015 VA		3048 VA		2794 VA						
			Total Amps:		34 A		26 A		23 A						

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATED DEMAND (VA)
Lighting	5897 VA	100.00%	5897 VA
Receptacle	3960 VA	100.00%	3960 VA

TOTALS:	
TOTAL CONNECTED LOAD:	9857 VA
TOTAL CONNECTED CURRENT:	27 A
ESTIMATED DEMAND LOAD:	9857 VA
ESTIMATED DEMAND CURRENT:	27 A
SPARE CAPACITY:	91.45%

NOTES:

PANEL PLB

LOCATION: POOL MECH EQUIPMENT 105
SUPPLY SOURCE: MDP
MOUNTING: Surface
ENCLOSURE: Type 4X
BRANCHES:
POLES: 42
VOLTAGE: 208/120V 3PH, 4W
PHASE: 3 **WIRES:** 4
INTERIOR RATING: 100 A
MAINS RATING: 100 A
MAINS TYPE: MCB
AVAILABLE AIC:
AIC RATING: 22,000
___ SHUNT TRIP MAIN CB
___ SERVICE ENTRANCE RATED
___ FEED-THROUGH LUGS
___ SUB-FEED LUGS
___ ISOLATED GROUND BAR
___ SERIES RATED
___ FULLY RATED

NO.	DESCRIPTION	WIRE SIZE	TRIP	POLE	A		B		C		POLE	TRIP	WIRE SIZE	DESCRIPTION	NO.
1	POOL MECH EQUIPMENT RECEPT	1-#12, 1-#12, 1-#12	20 A	1	180	180					1	20 A	1-#12, 1-#12, 1-#12	POOL MECH EQUIPMENT RECEPT	2
3	POOL MECH EQUIPMENT RECEPT	1-#12, 1-#12, 1-#12	20 A	1			180	180			1	20 A	1-#12, 1-#12, 1-#12	POOL MECH EQUIPMENT RECEPT	4
5	POOL MECH EQUIPMENT RECEPT	1-#12, 1-#12, 1-#12	20 A	1					180	180	1	20 A	1-#12, 1-#12, 1-#12	MECHANICAL RECEPT	6
7	MECHANICAL RECEPT	1-#12, 1-#12, 1-#12	20 A	1	180	180					1	20 A	1-#12, 1-#12, 1-#12	HWRP-1 MOTOR SWITCH	8
9	GWH-1 MOTOR SWITCH	1-#12, 1-#12, 1-#12	20 A	1			180	1176			1	20 A	1-#12, 1-#12, 1-#12	EXHAUST FAN EF-1A	10
11	EXHAUST FAN EF-1B	1-#10, 1-#10, 1-#10	20 A	1					1176	528	1	20 A	1-#12, 1-#12, 1-#12	EXHAUST FAN EF-2	12
13	AHU-POOL ENCLOSURE LIGHT	1-#12, 1-#12, 1-#12	20 A	1	180	180					1	20 A	1-#12, 1-#12, 1-#12	AHU-POOL LIV LIGHT	14
15	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	16
17	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	18
19	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	20
21	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	22
23	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	24
25	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	26
27	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	28
29	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	30
31	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	32
33	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	34
35	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	36
37	PROVISIONS	--	--	1	--	0					1	20 A	--	SPARE	38
39	PROVISIONS	--	--	1			--	0			1	20 A	--	SPARE	40
41	PROVISIONS	--	--	1					--	0	1	20 A	--	SPARE	42
			Total Load:		1080 VA		1716 VA		2064 VA						
			Total Amps:		9 A		15 A		18 A						

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATED DEMAND (VA)
HVAC	360 VA	100.00%	360 VA
Lighting	360 VA	100.00%	360 VA
Receptacle	1260 VA	100.00%	1260 VA

TOTALS:	
TOTAL CONNECTED LOAD:	4860 VA
TOTAL CONNECTED CURRENT:	13 A
ESTIMATED DEMAND LOAD:	4860 VA
ESTIMATED DEMAND CURRENT:	13 A
SPARE CAPACITY:	83.14%

NOTES:

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave., Metairie, LA 70002
ykhconsulting.com 504.264.5111
Job No.: 2516203 Designed By: CP
Drawn By: CP Checked By: JL

SIZELER THOMPSON BROWN ARCHITECTS
300 LAFAYETTE STREET, SUITE 200
NEW ORLEANS, LOUISIANA 70130
(504) 523-6472 FAX (504) 529-1181

Revisions

No.	Description	Date

CUT-OFF RECREATION CENTER NATATORIUM
6600 BELGRADE ST.
NEW ORLEANS, LA 70131

PANEL SCHEDULES

seal: STATE OF LOUISIANA — CHAD M. HADAWAY, License No. 33606, PROFESSIONAL ENGINEER, ELECTRICAL ENGINEERING, 10/28/2025

project number: 41229.00
date: 10/28/2025
phase: PERMIT SET
drawing number: E7.0

ALGIERS DEVELOPMENT DISTRICT
NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

INDEX OF SHEETS	
Sheet Number	Sheet Name
SP1.00	EQUIPMENT SCHEDULES
SP1.01	GENERAL NOTES
SP2.00	SWIMMING POOL SITE LAYOUT
SP2.01	SWIMMING POOL PILE PLAN
SP3.00	SWIMMING POOL PLUMBING PLAN
SP4.00	SWIMMING POOL SECTION VIEWS
SP5.00	SWIMMING POOL DETAILS
SP5.01	SWIMMING POOL DETAILS
SP5.02	SWIMMING POOL DETAILS
SP5.03	POOL STRUCTURAL DETAILS
SP6.00	POOL EQUIPMENT ROOM

PUMP SCHEDULE

MARK	DESCRIPTION	MAXIMUM CAPACITY		OPERATING POINT		HORSEPOWER	NSF LISTED	VOLTAGE	FREQUENCY	SPEED	PUMP MODEL
		FLOWRATE (GPM)	TDH (FT)	FLOWRATE (GPM)	TDH (FT)						
P-1	RECIRCULATION PUMP	560	6	250	52	7.5	YES	208-230V - 3ϕ	50-60 Hz	VARIES	PENTAIR EQK(T)-750 W/ STRAINER

NOTE: FURNISH P-1 WITH 7.5 HP ACUDRIVE VFD. VERIFY INPUT PHASE AND VOLTAGE PRIOR TO ORDERING VFD.

FILTER SCHEDULE

MARK	NO. OF FILTERS	CONFIGURATION	FILTER AREA SF	MAXIMUM FLOWRATE (GPM)	NSF LISTED	FILTER MODEL
SF-1	1	SINGLE	19.7	296	YES	PENTAIR THS4272

NOTE: EACH FILTER SHALL BE PROVIDED WITH INFLUENT AND EFFLUENT PRESSURE GAUGES WITH 2" FACE DIAMETER READING 0-60 PSI AND A SITE GLASS ON THE BACKWASH LINE. FURNISH FILTER WITH BUTTERFLY VALVE FACE PIPING.

CHLORINATOR SCHEDULE

MARK	CAPACITY (LB)	MAXIMUM OUTPUT (LB/DAY)	NSF LISTED	MODEL
CF-1	70	5-189	YES	PULSAR PRECISION W/ BOOSTER PUMP

ACID FEEDER SCHEDULE

MARK	CAPACITY (LB)	MAXIMUM OUTPUT (GAL/DAY)	NSF LISTED	MODEL
CF-2	N/A	22	YES	STENNER 45M3

CHEMICAL CONTROLLER/TANK SCHEDULE

MARK	NSF LISTED	MODEL
CC-1	YES	HAYWARD CAT2000 OR CHEMTROL 250
T-1	N/A	STENNER STS30

MAIN DRAIN SCHEDULE

MARK	MAXIMUM FLOWRATE (GPM)	DISCHARGE LINE SIZE (DIA. IN.)	MINIMUM SUMP DEPTH	OPEN AREA (SQ.IN.)	SUMP MODEL NUMBER	APPROVALS	DRAIN COVER MODEL
D-1	340	6"	3"	90.8	FIELD BUILT	ANSI/APSP 16-2017	AQUASTAR WAV12WR101

AUTOFILL DEVICE SCHEDULE

MARK	WATERLINE SIZE	CONFIGURATION	MODEL
AF-1	1"	DISCHARGE TO STAND PIPE VIA AIR GAP	JANDY LEVOLOR K1100

NOTES:

AUTOFILL DEVICE REQUIRED FOR EACH BODY OF WATER.

POOL FINISH SCHEDULE

DESCRIPTION	SIZE	MODEL/COLOR	NOTES
WATERLINE TILE	6" X 6"	BY OWNER	GLAZED
TILE EDGES OF STEPS, BENCHES, AND TANNING LEDGES	2" X 2"	BY OWNER	SLIP-RESISTANT, DARK AND CONTRASTING COLOR
SWIMMING POOL PLASTER	N/A	BY OWNER	MUNSELL COLOR GREATER THAN 6.5
COPING	N/A	BY OWNER	BULLNOSE

MISC. EQUIPMENT SCHEDULE

DESCRIPTION	MODEL
WALL INLETS (3/4" ADJUSTABLE)	API-25-4116
FLOOR INLETS (ADJUSTABLE)	PENTAIR 08417
SURFACE SKIMMERS	PENTAIR BERMUDA
EQUALIZER COVER	AQUASTAR 6HPHA101
UNDERWATER POOL LIGHTS	PENTAIR GLOBRITE (WHITE LED)
PVC PIPING	SCHEDULE 40 NSF 61
ADA CHAIRLIFT	SR SMITH AXS2 LIFT
HANDRAILS	S.R. SMITH 3-BEND 1.90" O.D.
RECESSED TREAD RAILS	S.R. SMITH PRETZEL BEND
FLOWMETER	BLUEWHITE F2000

LIFE SAVING EQUIPMENT SCHEDULE

DESCRIPTION	MODEL
SHEPERD'S HOOK WITH 16'-0" POLE	1 - BY CONTRACTOR
18" ⌀ RING WITH 50'-0" WITH 1/4"⌀ ROPE	1 - BY POOL CONTRACTOR
POOL RULES SIGN	2 - BY OWNER
EMERGENCY TELEPHONE	1 - BY GENERAL CONTRACTOR
EMERGENCY CUT-OFF BUTTON	1 - BY GENERAL CONTRACTOR

NOTES:

ALL LIFE-SAVING EQUIPMENT SHALL BE LOCATED IN A CONSPICUOUS AREA WITHIN THE POOL AREA ENCLOSURE. EMERGENCY CUTOFF SHALL BE INTERLOCKED WITH SWIMMING POOL EQUIPMENT PANEL AND SHALL KILL POWER TO ALL POOL EQUIPMENT ROOM WHEN ACTIVATED.

EMERGENCY TELEPHONE WITH CONTACT NUMBERS FOR EMERGENCY SERVICES SHALL BE PROVIDED IN THE POOL AREA ENCLOSURE.

HEATER SCHEDULE

MARK	BTU/HR	MODEL
H-1	500,000	(1) HAYWARD H500FDNASME

NOTE: FURNISH HEATER WITH HAYWARD VENTING KIT AS REQUIRED FOR EXHAUST VENTILATION

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

EQUIPMENT SCHEDULES

Project number SE-25-848

Date 8.5.2025

Drawn by RD

Checked by RD

SP1.00

9/3/2025 10:16:14 AM

GENERAL

THE SWIMMING POOL CONTRACTOR SHALL FURNISH COMPLETE SWIMMING POOL TO CONFORM TO THE BASIC SHAPE OF THE POOL SHOWN ON THE PLANS. THE POOL CONTRACTOR SHALL MAKE THE NECESSARY SUBMITTALS AND SECURE APPROVAL FROM ALL REGULATORY AGENCIES. THE CONTRACTOR SHALL PAY ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, ROYALTIES, TAXES AND INSURANCE OR OTHER COSTS AS REQUIRED FOR THE WORK TO BE PERFORMED UNDER THIS SECTION.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF APPLICABLE STATE, COUNTY AND CITY CODES, LAWS AND ORDINANCES, RULES AND REGULATIONS OF THE HEALTH DEPARTMENT AND THE INTERPRETATION OF SAME BY THE ADMINISTRATIVE AND REGULATORY AUTHORITIES HAVING JURISDICTION. BRING TO THE ATTENTION OF THE ENGINEER DISCREPANCIES BETWEEN THE DRAWINGS AND APPLICABLE CODES PRIOR TO BID. EXTRAS WILL NOT BE ALLOWED FOR SUCH DISCREPANCIES AFTER BID. FURNISH ALL LABOR, TOOLS, EQUIPMENT, APPLIANCES, TRANSPORTATION, SCAFFOLDING, SERVICES, SUPERVISION, INSTRUCTIONS AND PERFORM ALL OPERATIONS REQUIRED TO COMPLETE ALL SWIMMING POOL WORK IN ACCORDANCE WITH INTENT OF THE PLANS AND SPECIFICATIONS.

SCOPE

WORK UNDER THIS SECTION INCLUDES BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING:

- TRENCHING, EXCAVATION AND BACK FILL REQUIRED FOR SWIMMING POOL WORK.
- FILTRATION PLANT COMPLETE WITH ALL DEVICES.
- ALL POOL FITTINGS AND DECK EQUIPMENT.
- ALL PIPING CONNECTING THE FILTER PLANT WITH THE APPROPRIATE FITTINGS, REDUCERS, AND VALVING.
- POOL SHELL, INCLUDING INTERIOR FINISH, COPING, OR GUTTER AS REQUIRED ON THE DRAWINGS.
- LIFESAVING EQUIPMENT AS SPECIFIED HEREIN.
- DEPTH MARKERS ON DECK AND WALLS OF POOL AS SPECIFIED.
- EVERYTHING NECESSARY FOR A COMPLETE AND SATISFACTORY SWIMMING POOL INSTALLATION, INCLUDING ANY NECESSARY PARTS, DEVICES AND ACCESSORIES THAT MAY BE REQUIRED TO SATISFACTORILY COMPLETE THE INSTALLATION. SPECIAL EXTENSIONS OF UTILITIES REQUIRED BY POOL CONTRACTOR WILL BE PROVIDED BY THE GENERAL CONTRACTOR.
- ALL POOL CIRCULATION AND DISINFECTION EQUIPMENT AS SPECIFIED HEREIN PERTAINING TO THE CONSTRUCTION OF A CODE COMPLIANT SWIMMING POOL. THIS INCLUDES ALL ADDITIONAL ITEMS REQUIRED FOR THE SATISFACTORY INSTALLATION AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

WORK BY PLUMBING CONTRACTOR

THE MECHANICAL CONTRACTOR WILL PROVIDE DOMESTIC WATER EXTENSION TO POOL EQUIPMENT ROOM FOR POOL CONTRACTOR CONNECTION UP TO SLOW CLOSING SOLENOID VALVE LOCATED AT THE POOL EQUIPMENT ROOM.

PORTABLE EQUIPMENT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PORTABLE AND DETACHABLE PORTIONS OF THE INSTALLATION UNTIL COMPLETION OF THE WORK AND SHALL THEN TURN THEM OVER TO THE OWNER.

EXCAVATION AND FILL

ELEVATIONS AND DEPTHS INDICATED ON THE PLANS SHALL BE USED IN COMPUTING THE QUANTITIES OF EXCAVATION OR FILL REQUIRED OF THE CONTRACTOR, AND IS BASED ON HAND PLACED CONCRETE FOR THE POOL SHELL. REMOVE ALL SURPLUS MATERIALS FROM THE SITE OR DISPOSE OF AS DIRECTED BY THE OWNERS REPRESENTATIVE. ALL EXCAVATIONS SHALL BE ADEQUATELY BRACED AND SHORED AND SHALL BE KEPT DRY. USE CLEAN, SHARP SAND OR COMPACTED STRUCTURAL FILL FOR BACKFILLING IF EARTH FORMING IS NOT PERFORMED.

SUPPORTS

PROVIDE ALL STEEL FRAME SUPPORTS, INSERTS, ANCHOR BOLTS, SLEEVES, HANGER MATERIALS, ETC., FOR THE ADEQUATE AND SAFE SUPPORT OF PIPING AND EQUIPMENT TO PROTECT AGAINST VIBRATION AND WATER HAMMER.

BASE

PROVIDE VIBRATION ISOLATION BASES AND ELEMENTS FOR EQUIPMENT AS NECESSARY.

CONCRETE

THE CONCRETE MIX SHALL BE DESIGNED TO PRODUCE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS FOR THE SWIMMING POOL SHELL. SHOTCRETE OF EQUAL STRENGTH IS PERMITTED. REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE 60 FOR ALL POOL REINFORCEMENT.

PREP CONCRETE

THE CONTRACTOR SHALL INSTALL ALL SPECIAL POOL AND DECK FITTINGS, DECK RECEPTACLES AND MOUNTING RINGS FOR UNDERWATER LIGHT AND ANCHORS PRIOR TO BEGINNING CONCRETING OPERATIONS.

NO SPECIAL TOPPINGS

NO SPECIAL CONCRETE OR CEMENT MORTAR TOPPING COURSE SHALL BE USED FOR THE FLOOR FINISH. THE FLOOR SHALL BE BROUGHT TO A TRUE AND EVEN SURFACE BY HAND FLOATING. CARE SHALL BE TAKEN THAT NO EXCESS WATER IS PRESENT DURING FINISHING.

GEOTECHNICAL

DEEP FOUNDATION SUPPORT REQUIRED UNDER SWIMMING POOL. TIMBER PILE SUPPORT SHALL BE DESIGNED AND INSTALLED BY OTHERS. CONSTRUCTION OF POOL SHALL NOT BEGIN UNTIL FINAL PILE LAYOUT HAS BEEN SUBMITTED TO THE POOL ENGINEER OF RECORD.

FINISH PREP

CLEAN INTERIOR SURFACES OF THE POOL OF DUST, OIL, PAINT, OR OTHER LOOSE MATERIAL BEFORE APPLICATION OF FINISH COATS.

PROTECTION

NO PLASTER COAT SHALL BE APPLIED DURING RAIN OR HIGH WIND AND ANY SUCH MATERIAL THAT HAS BEEN NEWLY PLACE SHALL BE PROTECTED BY CANVAS OR OTHER COVERING UNTIL THE SURFACE HAS SET.

FILL POOL

AFTER THE FINISH COAT HAS DRIED SUFFICIENTLY, THE POOL SHALL BE GRADUALLY FILLED WITH WATER, FLOWING CONTINUOUSLY TO ELIMINATE DIRT RINGS. DURING EXTREMELY HOT WEATHER, THE POOL WALLS SHALL BE KEPT CONTINUOUSLY WET WHILE THE POOL IS FILLING.

TILE

ONE ROW OF 6" CERAMIC TILE, OR MULTIPLE ROWS EQUALING A MINIMUM HEIGHT OF 6", SHALL BE INSTALLED ON THE POOL WALL AT THE WATER LEVEL AS SHOWN ON THE CONSTRUCTION PLANS.

DEPTH MARKERS

PERMANENT DEPTH MARKERS SHALL BE PROVIDED ON THE POOL DECK AND WALLS AT CHANGE IN DEPTH AS SHOWN ON THE DRAWINGS. DEPTH SHALL BE IN FEET-INCHES AND PLAINLY CONSPICUOUSLY MARKED AT OR ABOVE THE WATERLINE ON THE VERTICAL POOL WALL AND ON TOP OF THE COPING OR DECK. MARKERS IN DECK SHALL BE POSITIONED TO BE READ WHILE STANDING FACING THE WATER. MARKERS SHALL BE WITHIN 18" OF THE WATERS EDGE. MARKERS SHALL BE SLIP-RESISTING. MARKERS SHALL BE INSTALLED AT THE MAXIMUM AND MINIMUM WATER DEPTH AND AT ALL SLOPE CHANGES. MARKERS SHALL BE INSTALLED AT INTERMEDIATE INCREMENTS OF WATER DEPTH NOT TO EXCEED 2', NOR SPACED AT DISTANCES GREATER THAN 25' INTERVALS. MARKERS SHALL BE ARRANGED UNIFORMLY ON BOTH SIDES AND ENDS OF POOL. MARKERS SHALL HAVE A 4" MINIMUM HEIGHT. NUMBERS SHALL BE OF CONTRASTING COLOR TO THE BACKGROUND ON WHICH THEY ARE APPLIED AND COLOR SHALL BE OF A PERMANENT NATURE.

POOL FILL

POOL AUTOMATIC FILLER SHALL BE AS SHOWN ON THESE DRAWINGS AND SHALL BE INSTALLED SUCH AS NOT TO REQUIRE A BACK FLOW PREVENTER. PROVIDE APPROPRIATE AIR GAP.

POOL PIPING

PIPING AND FITTINGS USED IN VACUUM LINES, RECALCULATING LINES AND DRAIN LINES FOR THE POOL SHALL BE SCHEDULE 40 PVC APPROVED BY THE NATIONAL SANITATION FOUNDATION FOR POTABLE WATER SERVICE (NSF 60).

FILTER PLANT

FURNISH AND INSTALL THE COMPLETE FILTER PLANT CONSISTING OF COMPLETE FILTER TANK, FILTER MEDIA,CIRCULATING PUMP AND MOTOR, DISINFECTING MEDIA, FACE PIPING, NECESSARY GAUGES, VALVES, AND ALL OTHER APPURTENANCES AND DEVICES NECESSARY FOR A COMPLETE SYSTEM. THE FILTRATION SYSTEM SHALL BE OF THE SAND TYPE TO BE TIED INTO A BACKWASH LINE. THE FILTRATION SYSTEM SHALLBE CAPABLE OF A COMPLETE WATER VOLUME TURNOVER IN 6 HOURS OR LESS OR BETTER AS REQUIRED BY LOCAL CODES.

PUMP

THE POOL PUMP SHALL BE OF CENTRIFUGAL, END SUCTION, TOP DISCHARGE, SELF PRIMING TYPE. THE PUMP SHALL HAVE MECHANICAL SEALS. PUMP SIZING AS PER PLANS. THE MOTOR FRAME SHALL BE NAME TYPE C WITH DRIP PROOF ENCLOSURE FOR CLOSE COUPLED MOUNTING DIRECTLY TO THE PUMP. THIS STARTER SHALL BE PROPERLY SIZED AND SHALL BE OF MAGNETIC, FULL VOLTAGE, SINGLE SPEED, NON-REVERSING TYPE WITH PUSH BUTTON CONTROL. THE STARTER SHALL PROVIDE BOTH LOW VOLTAGE AND OVERLOAD PROTECTION FOR EACH PHASE. THE STARTER SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR. THE PUMP MUST BE EQUIPPED WITH A BOLT-ON HAIR AND LINT STRAINER THAT COMPLIES WITH THE SPECIFICATIONS THAT FOLLOW. ISOLATION VALVES MUST BE INSTALLED TO ALLOW THE STRAINER TO BE OPENED WITHOUT LOSING PRIME TO THE PUMP.

VALVES

VALVES FOR POOL PIPING SHALL BE OF THE BALL OR BUTTERFLY TYPE SUITABLE FOR 150 PSI WORKING WATER PRESSURE AND SUITED TO THE PIPING MATERIAL IN WHICH IT IS INSTALLED. ALL VALVES SHALL BE TAGGED WITH PERMANENT NUMBERED IDENTIFICATION TAGS THAT RELATE TO OPERATING INSTRUCTIONS.

FINISH COAT

FINISH COAT FOR THE POOL SHALL BE FINISHED WITH A WHITE PLASTER OR AN ALTERNATE COLOR WITH A MUNSELL VALUE GREATER THAN 6.5 SELECTED BY LANDSCAPE ARCHITECT/OWNER.

FINISH COAT

FINISH COAT FOR THE POOL SHALL BE FINISHED WITH A WHITE PLASTER OR AN ALTERNATE COLOR WITH A MUNSELL VALUE GREATER THAN 6.5 SELECTED BY LANDSCAPE ARCHITECT/OWNER.

MAIN DRAINS

THE MAIN DRAINS SHALL BE PLACED IN THE DEEPEST PART OF THE POOL. THE DRAIN SHALL BE CYCOLAC CONSTRUCTION, WITH A HYDROSTATIC RELIEF VALVE BUILT IN WITH AN ANSI/APSP 16-2011 CERTIFICATION.

INLETS

THE INLET FITTINGS SHALL BE OF CYCOLAC CONSTRUCTION, WITH ADJUSTABLE DIRECTION NOZZLE.

UNDER WATER LIGHTING

THE POOL LIGHTS SHALL BE FOR UNDER WATER OPERATION ONLY AND SHALL BE LED RETURN INLET FITTING TYPE A MINIMUM 18" BELOW THE STATIC WATER ELEVATION. THE LENS SHALL BE SEALED WITH HEAT AND AGE RESISTING SYNTHETIC RUBBER GASKETS. ALL LIGHTING SHALL BE 500 W INCANDESCENT EQUIVALENT LED FIXTURES.

JUNCTION BOX SHALL BE OF THE INVERTED COVER DESIGN ALL BRASS CONSTRUCTION. THE TRANSFORMER SHALL BE 120 V TO 12V WITH 13 AND 14 VOLT TAPS. THE TRANSFORMERS SHALL BE UL APPROVED FOR UNDERWATER LIGHTS. ALL MATERIALS AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF N.E.C. ARTICLE 680. LIGHTING LEVEL TO BE MINIMUM OF 0.5 WATTS PER SQUARE FOOT OF POOL SURFACE AREA. FINAL LOCATION OF JUNCTION BOXES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.

CHEMICAL FEED

ALL OUTDOOR POOLS SHALL BE TREATED WITH CHLORINE. THE BROMINE/CHLORINE FEED APPARATUS SHALL BE AS LISTED IN THE EQUIPMENT SCHEDULE AND SHALL BE INSTALLED ON A BYPASS LOOP WITH FLOW ADJUSTMENT PERFORMED AUTOMATICALLY BY A SOLENOID VALVE OPERATED BY THE CHEMICAL CONTROLLER.

TEST EQUIPMENT

A COMPLETE TEXT KIT SHALL BE FURNISHED TO TEST BROMINE/CHLORINE RESIDUAL (SEE CHEMICAL FEED SECTION), PH LEVEL, CYANURIC ACID LEVEL, CALCIUM HARDNESS AND TOTAL ALKALINITY. TEST KIT SHALL USE DPD METHOD AND ALLOW FOR FREE AND AVAILABLE CHLORINE TESTING.

TEST

THIS CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, INSTRUMENTS OR OTHER SERVICES REQUIRED FOR THE COMPLETE AND SATISFACTORY TEST AND ADJUSTMENT OF ALL SWIMMING POOL EQUIPMENT. TEST ALL PIPING WITH WATER PRESSURE 24 HOURS, REPAIR ANY LEAKS, TEST AGAIN BEFORE BURIAL OR CONCEALMENT.

CERTIFICATE OF INSPECTION

THE CONTRACTOR SHALL DELIVER TO THE ENGINEER A CERTIFICATE OF INSPECTION AND ACCEPTANCE OF THE WORK BY THE APPROPRIATE AUTHORITIES FOR THE SYSTEMS INVOLVED.

RULE SIGN

THE OWNER SHALL PROVIDE A CUSTOM POOL RULES SIGN TO BE POSTED WITHIN THE POOL AREA IN ACCORDANCE WITH LOUISIANA ADMINISTRATIVE CODE TITLE 51 XXIV.

INSTRUCTIONS TO OWNER

THIS CONTRACTOR SHALL SUPPLY THREE COPIES OF PRINTED INSTRUCTIONS FOR THE OPERATION OF THE SWIMMING POOL EQUIPMENT. TWO COPIES SHALL BE GIVEN TO THE OWNER FOR HIS USE IN THE MAINTENANCE MANUAL AND THE OTHER COPY SHALL BE POSTED IN A CONSPICUOUS LOCATION IN THE FILTER ROOM. A QUALIFIED REPRESENTATIVE OF THE POOL CONTRACTOR SHALL VISIT EQUIPMENT INTO OPERATION, AND HALL ASSIST AND INSTRUCT THE OWNER IN THE OPERATION OF ALL SUCH EQUIPMENT.

SOUTHEAST ENGINEERS & LAND SURVEYORS

4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

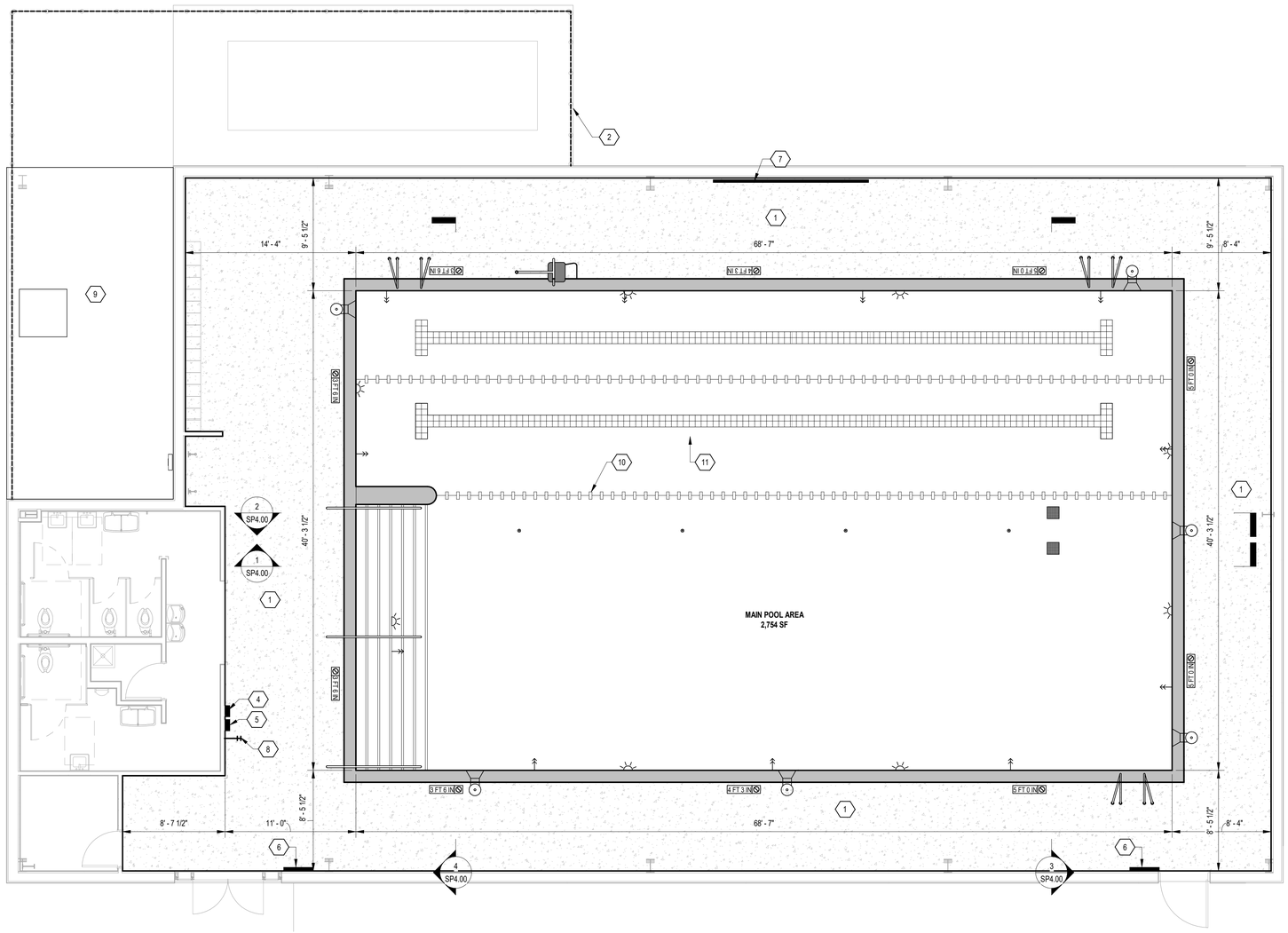
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

GENERAL NOTES

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP1.01

9/3/2025 10:16:14 AM



1 SWIMMING POOL SITE LAYOUT
3/16" = 1'-0"

KEYNOTE LEGEND

#	
1	SLIP-RESISTANT/EASILY CLEANABLE POOL DECK. SLOPE 2% MAX. AWAY FROM POOL. RE: ARCH. DECK DRAINAGE BY OTHERS.
2	BUILDING ENCLOSURE AROUND SWIMMING POOL. RE: ARCH.
3	GATE WITH SELF-CLOSING AND SELF-LATCHING MECHANISM. RE: ARCH
4	EMERGENCY PHONE WITH POSTED NAMES AND NUMBERS OF EMERGENCY SERVICES. PROVIDED BY GENERAL CONTRACTOR.
5	EMERGENCY STOP BUTTON. POOL CONTRACTOR TO PROVIDE AND GENERAL CONTRACTOR TO WIRE AND TERMINATE.
6	SWIMMING POOL RULES AND HOURS SIGN PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
7	SWIMMING POOL SAFETY EQUIPMENT MOUNTING LOCATION. REFER TO SP1.00 FOR SCHEDULE OF EQUIPMENT.
8	HOSE BIB WITH VACUUM BREAKER FOR DECK CLEANING.
9	POOL EQUIPMENT AREA. RE: SP6.00 FOR DETAILED LAYOUT.
10	FLOAT LINE WITH ROPE ANCHOR EA. END. TYPICAL 2 LOCATIONS.
11	TILE LANE MARKING. TYPICAL 2 PLACES.

GENERAL POOL NOTES:

SWIMMING POOL DECK FOR THIS PROJECT SHALL BE SLIP-RESISTANT AND EASILY CLEANABLE. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFICATIONS.

ALL POOL DECKS SHALL SLOPE 2% AWAY FROM THE POOL IN ALL DIRECTIONS TO PREVENT STANDING WATER.

MINIMUM OF 4'-0" OF UNOBSTRUCTED DECK AREA SHALL BE MAINTAINED AROUND THE ENTIRE PERIMETER OF THE POOL.

WALKWAYS SHALL BE PROVIDED TO ALL ACCESSIBLE SANITARY FACILITIES.

MAXIMUM VERTICAL CLEARANCE OF 7'-0" REQUIRED FOR ALL PORTIONS OF THE SWIMMING POOL DECK.

REFER TO MEP DRAWINGS FOR SUBSURFACE DRAINAGE ROUTING.

LAYOUT SHOWN FOR GENERAL DESIGN INTENT AND CODE COMPLIANCE ONLY. CONTRACTOR SHALL COORDINATE THE SWIMMING POOL DRAWINGS WITH ALL OTHER DRAWINGS.

SWIMMING POOL RULES SIGN SHALL BE PROVIDED IN THE IMMEDIATE POOL VICINITY.

EDGE OF SWIMMING POOL DECK SHALL BE TAPERED OR ROUNDED TO PREVENT SHARP CORNERS.

HOSE BIBS WITH VACUUM BREAKERS SHALL BE PROVIDED AROUND THE DECK AREA FOR PROPER WASHING AND GENERAL CLEANING OF THE SWIMMING POOL DECK AREA.

ALL JOINTS IN THE SWIMMING POOL DECK SHALL BE WATER-TIGHT.

A COMPLETELY EQUIPPED FIRST AID KIT SHALL BE PROVIDED WITH THE POOL AREA, TO BE CLEARLY IDENTIFIED AND ACCESSIBLE AT ALL TIMES.

DECK, TO BE DESIGNED BY OTHERS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI STANDARD 302.1R-80 GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION. SAW-CUT CONTROL JOINTS SHALL BE MADE AT A MAXIMUM SPACING OF 10'-0" X 10'-0". ALL JOINTS SHALL BE CUT TO 25% THE DEPTH OF THE SLAB.

THE MAXIMUM VOIDS BETWEEN ADJOINING CONCRETE SHALL BE 3/16" OF HORIZONTAL CLEARANCE WITH MAXIMUM DIFFERENTIAL ELEVATION OF 1/4".

ALL CONSTRUCTION JOINTS SHALL BE SEALED WITH A WATERPROOF SEALANT.

SEALED ISOLATION JOINT SHALL BE PROVIDED BETWEEN POOL AND ADJOINING DECK.

ALL DECK EDGES SHALL HAVE AN EASED OR RADIUSED EDGE.

LIGHTING NOTES:

SWIMMING POOL WATER SURFACE AND DECK AREA SHALL BE ILLUMINATED WITH 10 HORIZONTAL FOOT-CANDLES OF ILLUMINATION WHEN NIGHT SWIMMING IS PERMITTED..

EQUIPMENT PAD NOTES:

MINIMUM OF 1 HOSE BIB REQUIRED AT ALL POOL EQUIPMENT PADS FOR CLEANING/MAINTENANCE.

SITE PLAN SCHEDULE		
MAIN POOL AREA	2,754	SF
TOTAL DECK SURFACE AREA	2,292	SF
SHALLOW AREA USER LOAD	15	SF/USER
MAXIMUM USER LOAD	184	USERS
UNDERWATER LIGHTING REQUIRED	1,377	WATTS
DECK LIGHTING REQUIRED	1,383	WATTS

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/3/2025

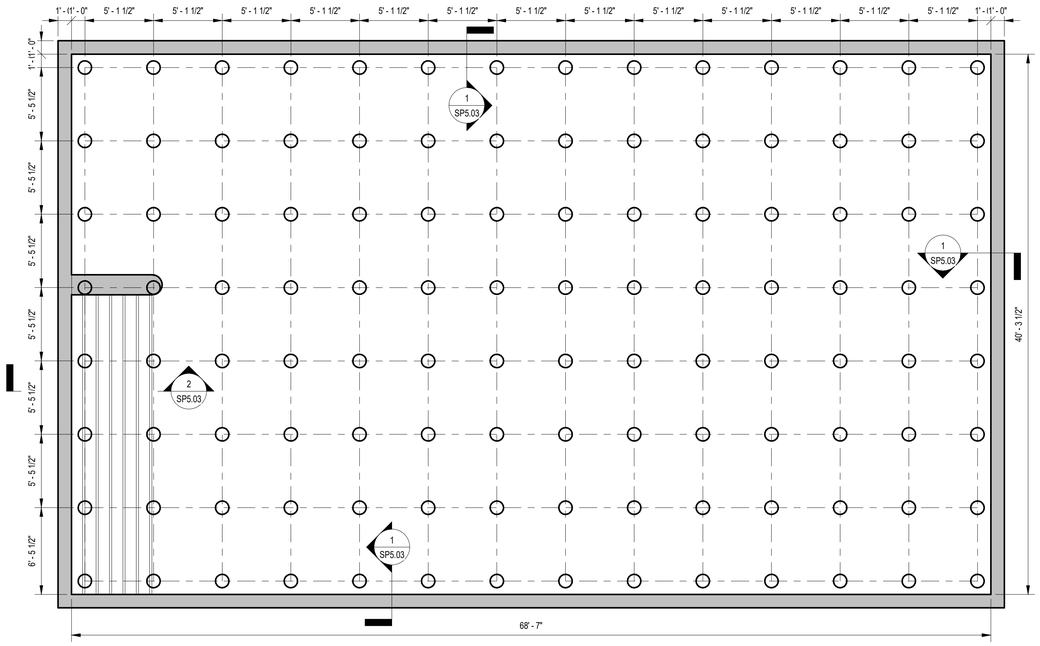
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL SITE LAYOUT

Project number SE-25-848
Date 8.5.2025
Drawn by RD
Checked by RD

SP2.00

9/3/2025 10:16:14 AM



1 SWIMMING POOL PILE PLAN
3/16" = 1'-0"

PILE NOTES:

PILES ARE CLASS B WITHIN A MINIMUM 40.0' TIP EMBEDMENT INTO NATURAL SOIL OR TO REFUSAL

REFUSAL= 12 BLOWS PER FOOT FOR TWO CONSECUTIVE FEET @ 15,000 FT-LBS PER BLOW.

DESIGN LOAD= 8 TONS/PILE

NOTE: TIMBER PILE TIP ELEVATION FOR THE POOL SHALL MATCH THE TIP ELEVATION OF THE BUILDING PILES. COORDINATE WITH STRUCTURAL ENGINEER.

NO FIELD SUPERVISION OR INSPECTION RELATED TO PILE DRIVING PROCEDURES UNDER THIS PLAN UNLESS NOTED OTHERWISE.

PILE LAYOUT AY BE MODIFIED DUE TO ACTUAL DRIVING OR FIELD CONDITIONS.

TREATED PILES MUST MEET AWPA STANDARDS C3-92 FORPRESERVATIVE RETENTION.

PILES TO BE DRIVEN WITH DROP HAMMER. DO NOT VIBRATE PILESUNLESS APPROVED BY ENGINEER OF RECORD.

ALL PILES LOCATIONS SHALL BE STAKED PRIOR TO DRIVING.

112 PILES REQUIRED.

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

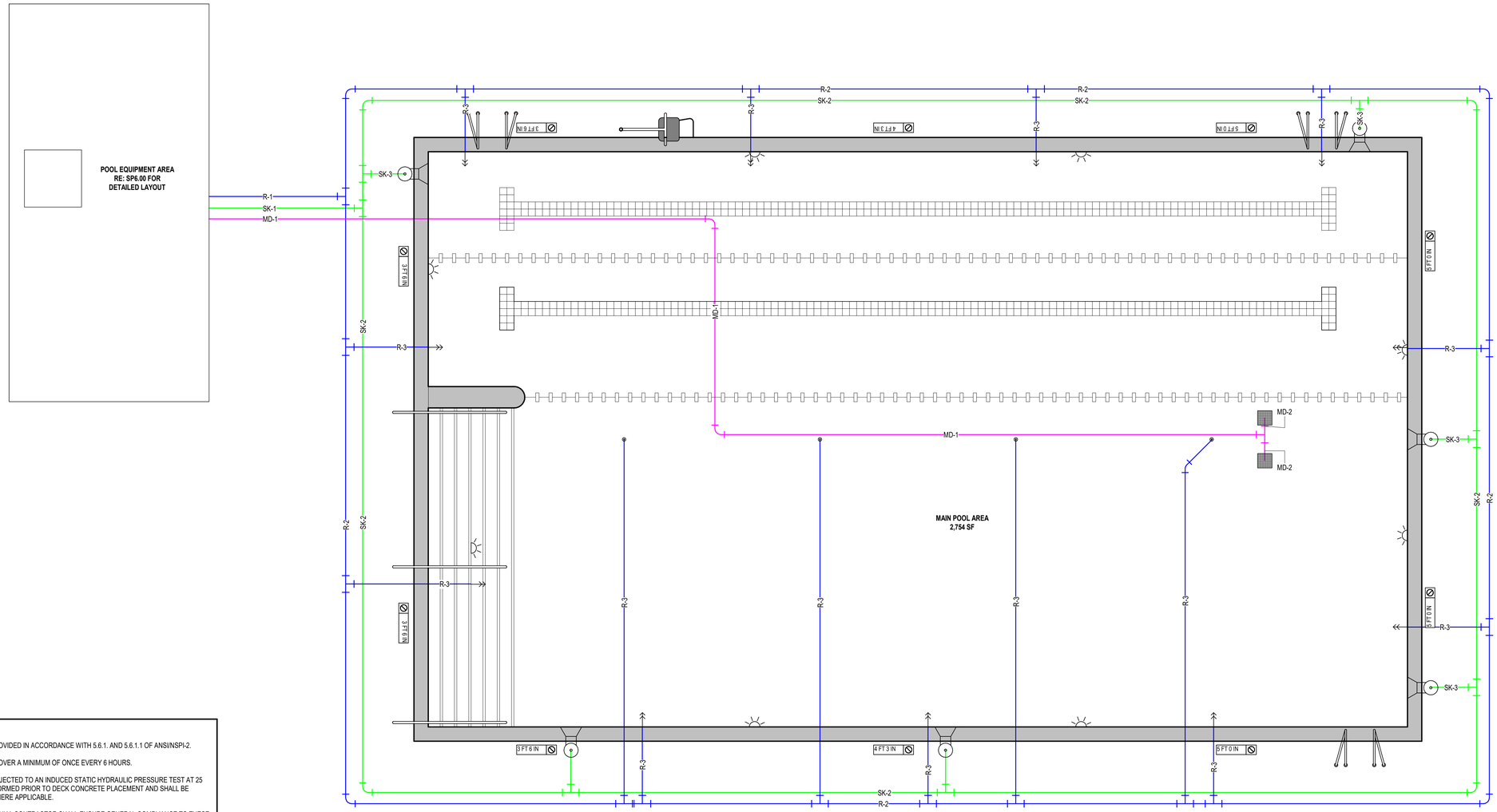
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL PILE PLAN

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP2.01

9/3/2025 10:16:14 AM



POOL GENERAL NOTES:

ELECTRICAL DISCONNECT SWITCH SHALL BE PROVIDED IN ACCORDANCE WITH 5.6.1. AND 5.6.1.1 OF ANSI/NSPI-2.

SWIMMING POOL HAS BEEN DESIGNED TO TURNOVER A MINIMUM OF ONCE EVERY 6 HOURS.

ALL CIRCULATION SYSTEM PIPING SHALL BE SUBJECTED TO AN INDUCED STATIC HYDRAULIC PRESSURE TEST AT 25 PSI FOR 30 MINUTES. THIS TEST SHALL BE PERFORMED PRIOR TO DECK CONCRETE PLACEMENT AND SHALL BE MAINTAINED THROUGHOUT THE DECK POUR, WHERE APPLICABLE.

ALL PVC PIPING LAYOUTS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL ENSURE GENERAL COMPLIANCE TO THESE DIAGRAMS; HOWEVER, PERMANENT PLACEMENT OF PIPING IN COORDINATION WITH ON-SITE CONDITIONS IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL SUBMIT FINAL PLUMBING LAYOUT TO ENGINEER PRIOR TO INSTALLATION OF PIPING, IF MODIFIED IN FIELD.

CHEMICAL NOTES:

DISINFECTING AGENT FOR THE SWIMMING POOL SHALL BE CALCIUM HYPOCHLORITE TABLETS WITH FEED GENERATED BY BOOSTER PUMP.

PH BUFFERING AGENT SHALL BE MURIATIC ACID WITH FEED GENERATED BY PERISTALTIC PUMP.

WATER QUALITY REQUIREMENTS:

THE CYANURIC ACID LEVEL IN ALL AQUATIC VENUES SHALL REMAIN AT OR BELOW 90 PPM. CYANURIC ACID SHOULD BE TESTED MONTHLY. IF THE TESTS INDICATE A CYANURIC ACID LEVEL GREATER THAN 90 PPM, THE SWIMMING POOL SHALL BE PARTIALLY DRAINED AND REFILLED WITH FRESH WATER UNTIL THE CONCENTRATION IS TESTED BELOW THE 90 PPM LIMIT.

pH SHALL BE MAINTAINED BETWEEN 7.2 AND 7.8.

FREE AVAILABLE CHLORINE CONCENTRATIONS (FAC) SHALL BE MAINTAINED AS FOLLOWS AT ALL TIMES:

- AQUATIC VENUES NOT USING CYANURIC ACID FOR STABILIZATION SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 1.0 PPM.
- AQUATIC VENUES USING CYANURIC ACID FOR STABILIZATION SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 2.0 PPM.
- SPAS SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 3.0 PPM.
- MAXIMUM FAC CONCENTRATIONS SHALL NOT EXCEED 10.0 PPM IN ANY AQUATIC VENUE UNDER ANY CIRCUMSTANCE.
- TOTAL ALKALINITY AT ALL AQUATIC VENUES SHALL BE MAINTAINED IN THE RANGE OF 60 TO 180 PPM AT ALL TIMES.

METER NOTES:

FLOW METERS, ACCURATE TO 10% OF THE TOTAL FLOW RATE SHALL BE INSTALLED ON THE INFLUENT LINE OF EACH FILTER.

PRESSURE GAUGES SHALL BE INSTALLED BY THE POOL CONTRACTOR ON THE INFLUENT AND EFFLUENT LINE OF EACH FILTER OR PRESSURE GAUGES WITH CLEAN OPERATING PRESSURE AND BACKWASH LEVELS SHALL BE PROVIDED.

ELECTRICAL NOTES:

THE LATEST NATIONAL ELECTRIC CODE OF THE NFPA SHALL BE STRICTLY ADHERED TO FOR ALL ELECTRICAL REQUIREMENTS.

SWIMMING POOL LEGEND

	1.90" O.D. HANDRAIL
	RECESSED SKIMMER
	12X12 MAIN DRAIN
	WALL INLET
	UNDERWATER LED POOL LIGHT
	ADA LIFT
	ADJUSTABLE FLOOR INLET
	RAIL WITH RECESSED TREADS

RECIRCULATION SYSTEM DATA		
MAIN POOL AREA	2,754	SF
TOTAL WATER VOLUME	87,550	GALLONS
TURNOVER TIME	5.85	HR
FLOWRATE AT OPERATING POINT	250	GPM
TOTAL DYNAMIC HEAD AT OPERATING POINT	52	FT

RECIRCULATION SYSTEM PLUMBING SCHEDULE

MARK	DESCRIPTION	DIAMETER (IN)	FLOWRATE (GPM)	VELOCITY (FPS)	APPROXIMATE LENGTH (FT)
SK-1	TRUNK LINE FROM PUMP	6	250	2.88	8
SK-2	LOOP FROM SK-1 TO SK-3	3	125	5.62	255
SK-3	BRANCH FROM SK-2 LOOP TO RETURN INLETS	2	42	4.13	21
MD-1	TRUNK LINE TO PUMP	6	250	2.88	86
MD-2	BRANCH FROM MAIN DRAIN TO MD-1	6	125	1.44	3
R-1	TRUNK LINE FROM PUMP	4	250	6.53	6
R-2	LOOP FROM FR-1 TO FR-3	3	125	5.62	267
R-3	BRANCH FROM R-2 LOOP TO RETURN INLETS	1 1/2	16.7	2.63	153

SOUTHEAST
ENGINEERS &
LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL PLUMBING PLAN

Project number SE-25-848

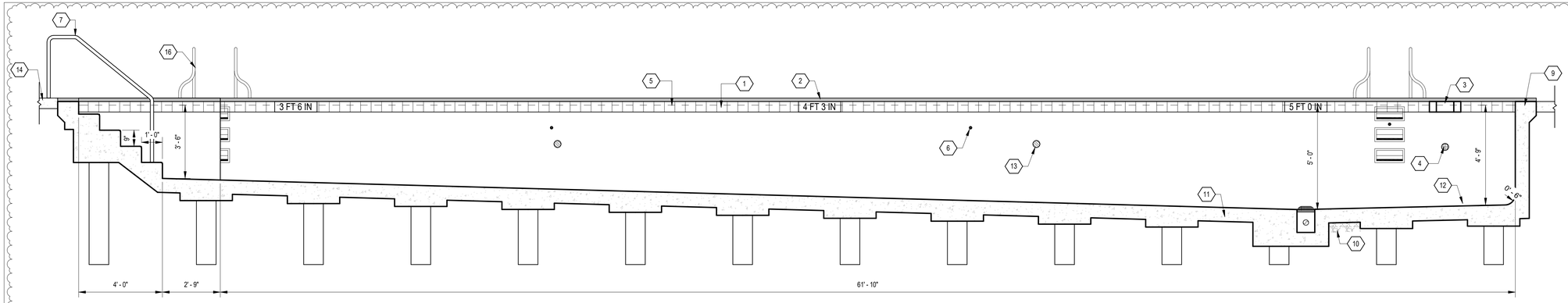
Date 8.5.2025

Drawn by BW

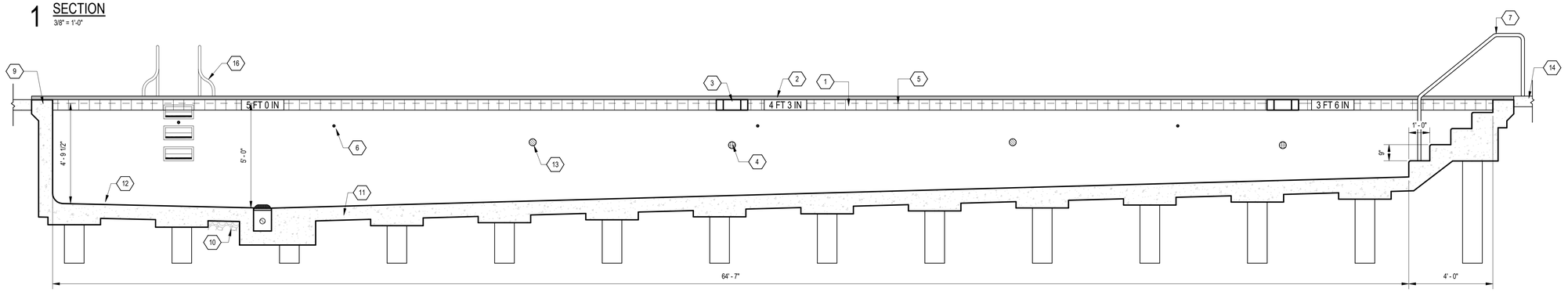
Checked by RD

SP3.00

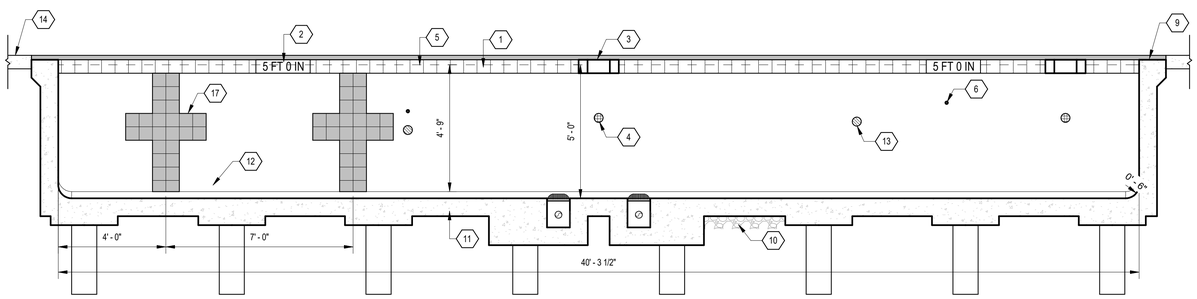
9/3/2025 10:16:14 AM



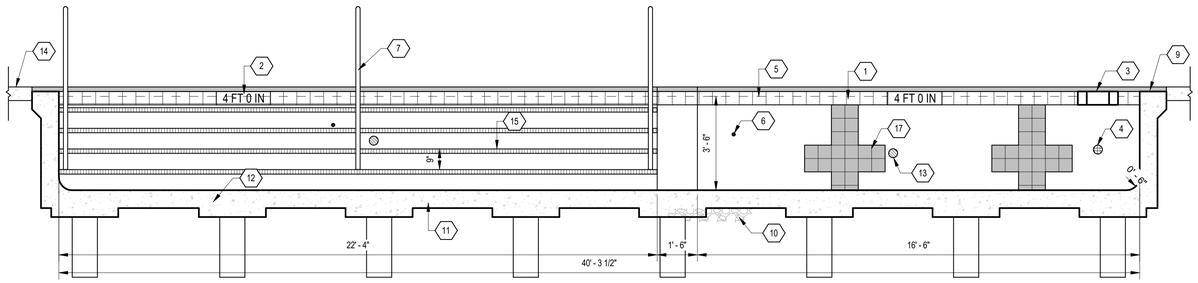
1 SECTION
3/8" = 1'-0"



2 SECTION
3/8" = 1'-0"



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



4 SECTION
3/8" = 1'-0"

#	KEYNOTE LEGEND
1	6" GLAZED WATERLINE TILE.
2	DEPTH MARKER, POOL CONTRACTOR TO PLACE A CORRESPONDING DEPTH MARKER ON POOL DECK WITHIN 18" OF POOL EDGE.
3	RECESSED AUTOMATIC SURFACE SKIMMER.
4	SKIMMER EQUALIZER COVER PER EQUIPMENT SCHEDULE.
5	STATIC WATERLINE, 3" BELOW BOTTOM OF COPING.
6	3/4" ADJUSTABLE EYEBALL RETURN INLET FITTING.
7	1.90" O.D. 3-BEND STAINLESS STEEL HANDRAIL BY S.R. SMITH OR EQUAL, TYPICAL.
8	ANSI/APSP 16 APPROVED MAIN DRAIN COVER WITH SUMP. CONTRACTOR TO PROVIDE PERMANENT DARK RING AROUND ALL MAIN DRAIN COVERS.
9	BULLNOSE COPING, TO BE SELECTED BY OWNER/LANDSCAPE ARCHITECT.
10	6" COMPACTED GRAVEL BASE OVER GEOTEXTILE FABRIC.
11	REINFORCED GUNITE SHELL. REFER TO STRUCTURAL SECTIONS FOR ADDITIONAL INFORMATION. REFER TO STRUCTURAL DRAWINGS FOR PILE LOCATIONS.
12	SLOPE POOL FLOOR MAXIMUM 1:10.
13	UNDERWATER LED POOL LIGHT (NICHELESS)
14	ADJACENT SLIP-RESISTANT CONCRETE DECK BY OTHERS.
15	2" SLIP RESISTANT AND DARK CONTRASTING TILE BAND ON VERTICAL AND HORIZONTAL PLANE OF TANNING LEDGERS AND STEPS. PROVIDE MINIMUM 1" RADII AT EDGE.
16	RECESSED TREADS WITH PRETZEL STAINLESS STEEL HANDRAIL.
17	TILE LANE MARKINGS.

SOUTHEAST
ENGINEERS &
LAND SURVEYORS

4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

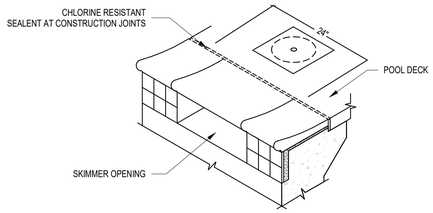
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL SECTION VIEWS

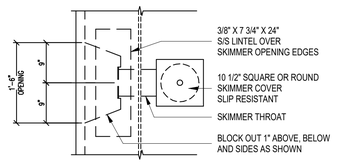
Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP4.00

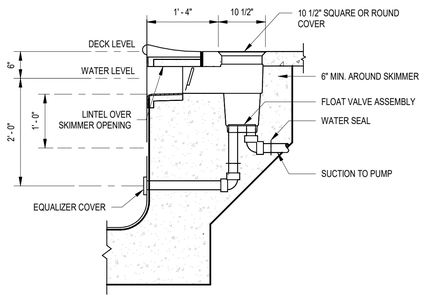
9/3/2025 10:16:14 AM



ISOMETRIC

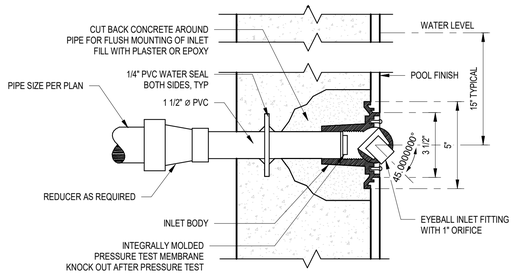


PLAN VIEW



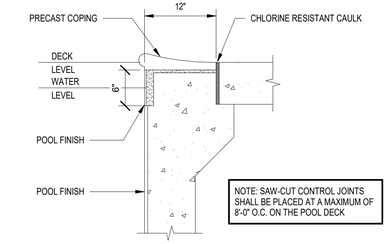
SECTION

1 TYPICAL SKIMMER DETAIL
3/4" = 1'-0"

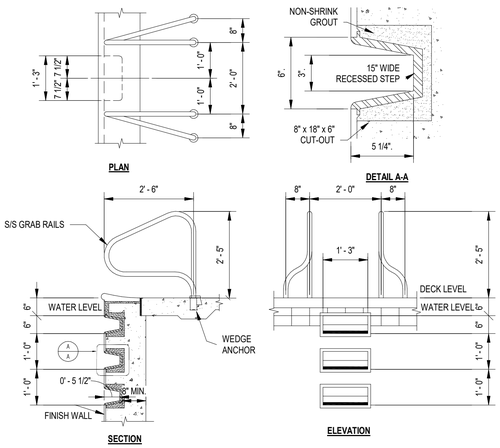


2 TYPICAL WALL INLET
3" = 1'-0"

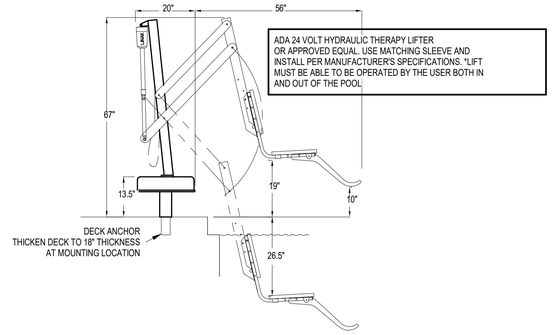
3 TYPICAL FLOOR INLET
3" = 1'-0"



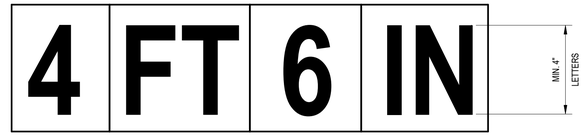
4 POOL WALL SECTION
1" = 1'-0"



6 GRAB RAILS & RECESSED STEPS
1/2" = 1'-0"



5 TYPICAL ADA CHAIRLIFT
1/2" = 1'-0"



DEPTH MARKERS



NO DIVING SYMBOL

DEPTH MARKER REQUIREMENTS:

DEPTH MARKERS SHALL DISPLAY FEET AND INCHES

"NO DIVING" SYMBOL MARKER SHALL BE LOCATED AT EACH DECK DEPTH MARKER

MARKING GENERAL NOTES:

DEPTH MARKERS SHALL BE PLACED ON THE DECK WITH SPACING NOT TO EXCEED 25'-0", POINTS OF CHANGE IN SLOPE.

ALL DECK MARKERS SHALL HAVE A CORRESPONDING MARKER LOCATED AT THE WATERLINE TILE.

DECK TILES TO BE PLACED WITHIN 18" OF THE POOL WATER SURFACE.

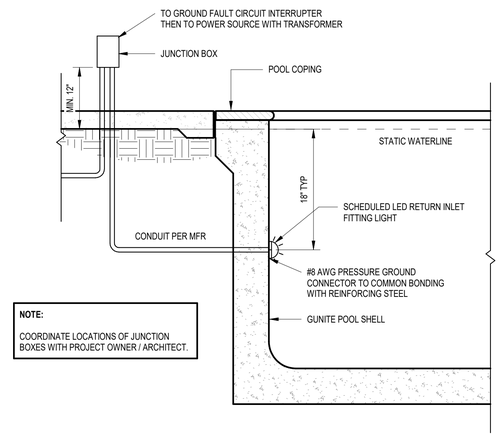
DECK TILES TO BE POSITIONED TO BE READ WHILE STANDING ON THE DECK FACING THE WATER.

DEPTH MARKERS TO BE IN IMPERIAL UNITS.

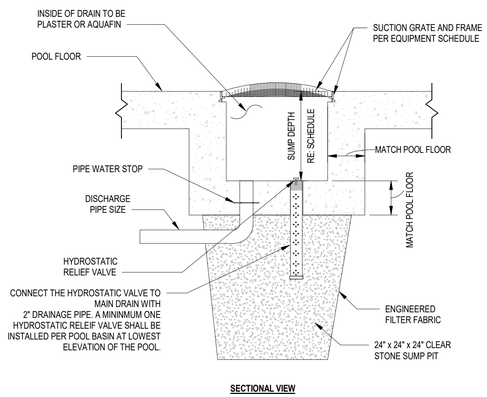
NUMERICAL COLOR OF LETTERING TO BE CONTRASTING TEXT.

"NO DIVING" INTERNATIONAL SYMBOL MARKER TO BE PLACED AT ALL LOCATIONS OF DECK DEPTH MARKERS.

7 DEPTH MARKER DETAIL
3/4" = 1'-0"

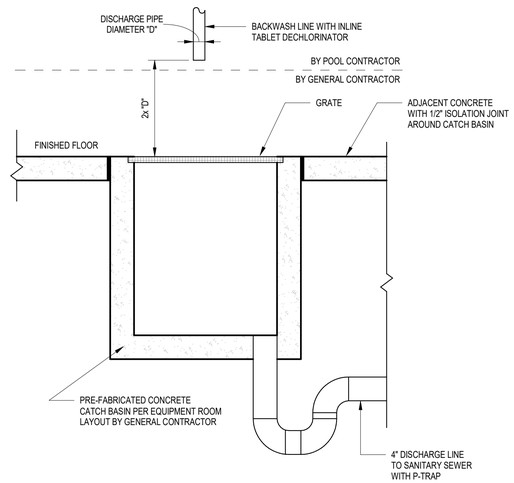


8 TYPICAL UNDERWATER LIGHT DETAIL
3/4" = 1'-0"



SECTIONAL VIEW

9 TYPICAL MAIN DRAIN
1" = 1'-0"



10 TYPICAL BACKWASH DETAIL
1" = 1'-0"

SOUTHEAST
ENGINEERS &
LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/3/2025

ALGIERS DEVELOPMENT
DISTRICT NATATORIUM

SWIMMING POOL DETAILS

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP5.00

9/3/2025 10:16:14 AM

NOTES:

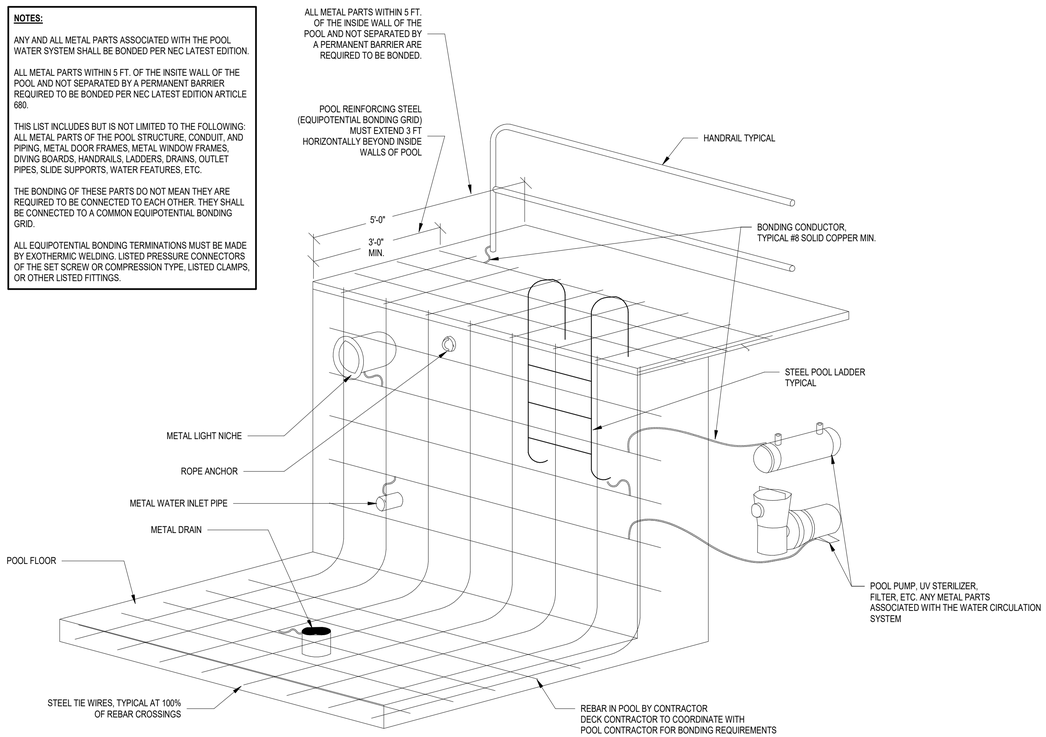
ANY AND ALL METAL PARTS ASSOCIATED WITH THE POOL WATER SYSTEM SHALL BE BONDED PER NEC LATEST EDITION.

ALL METAL PARTS WITHIN 5 FT. OF THE INSITE WALL OF THE POOL AND NOT SEPARATED BY A PERMANENT BARRIER REQUIRED TO BE BONDED PER NEC LATEST EDITION ARTICLE 680.

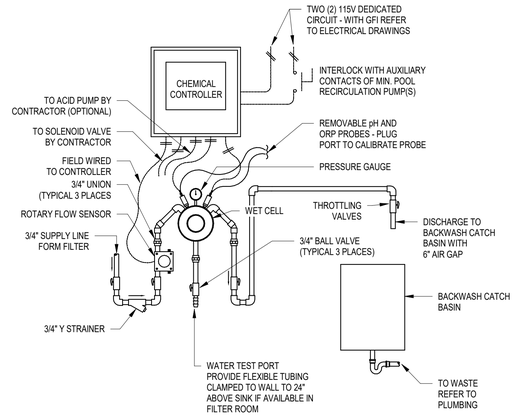
THIS LIST INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: ALL METAL PARTS OF THE POOL STRUCTURE, CONDUIT, AND PIPING, METAL DOOR FRAMES, METAL WINDOW FRAMES, DIVING BOARDS, HANDRAILS, LADDERS, DRAINS, OUTLET PIPES, SLIDE SUPPORTS, WATER FEATURES, ETC.

THE BONDING OF THESE PARTS DO NOT MEAN THEY ARE REQUIRED TO BE CONNECTED TO EACH OTHER. THEY SHALL BE CONNECTED TO A COMMON EQUIPOTENTIAL BONDING GRID.

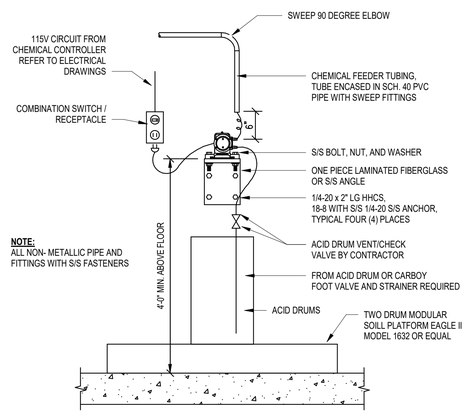
ALL EQUIPOTENTIAL BONDING TERMINATIONS MUST BE MADE BY EXOTHERMIC WELDING. LISTED PRESSURE CONNECTORS OF THE SET SCREW OR COMPRESSION TYPE, LISTED CLAMPS, OR OTHER LISTED FITTINGS.



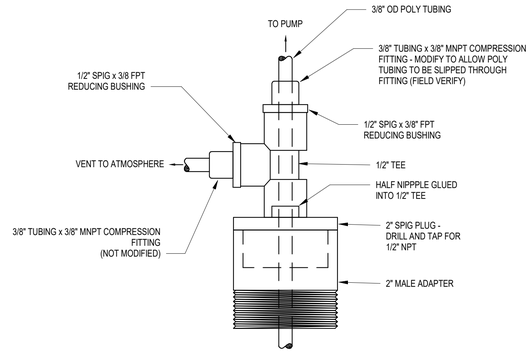
1 TYPICAL POOL BONDING DETAIL
3/4" = 1'-0"



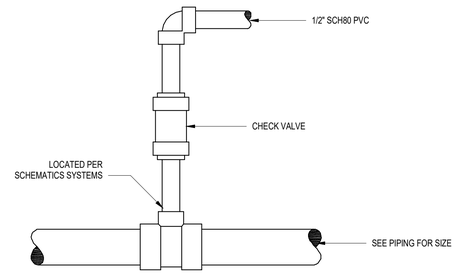
2 CHEMICAL CONTROLLER
1/2" = 1'-0"



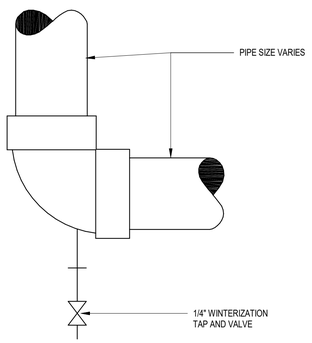
3 ACID PUMP
3/4" = 1'-0"



4 ACID VENT PIPING
3/4" = 1'-0"



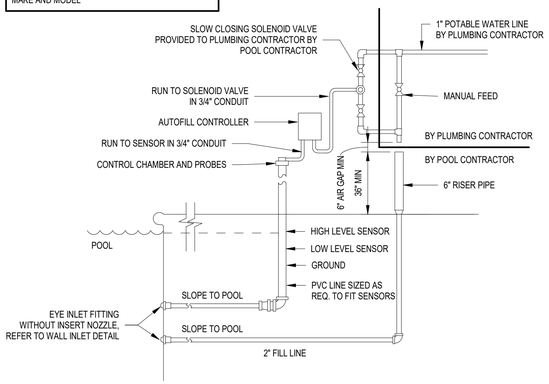
5 CHEMICAL TAP & VALVE
1 1/2" = 1'-0"



6 WINTERIZATION TAP & VALVE
1 1/2" = 1'-0"

NOTE:

REFER TO THE INSTALLATION AND OPERATING INSTRUCTIONS FROM THE MANUFACTURER ON THE AUTOFILL CONTROLLER. SEE EQUIPMENT LIST FOR MAKE AND MODEL



7 TYPICAL AUTOFILL DETAIL
3/4" = 1'-0"

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

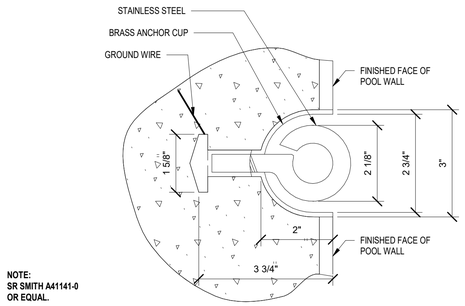
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL DETAILS

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

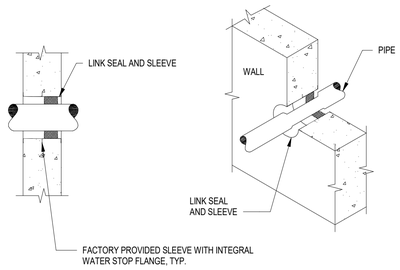
SP5.01

9/3/2025 10:16:15 AM

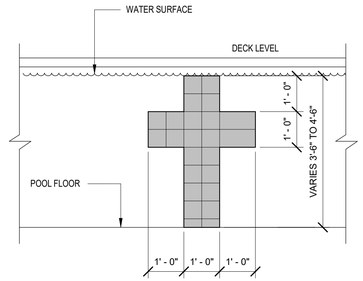


NOTE:
SR SMITH A41141-0 OR EQUAL.

1 ROPE ANCHOR DETAIL
6" = 1'-0"

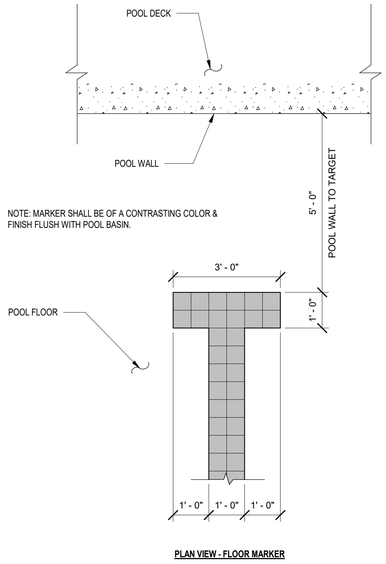


2 LINK SEAL
3/4" = 1'-0"



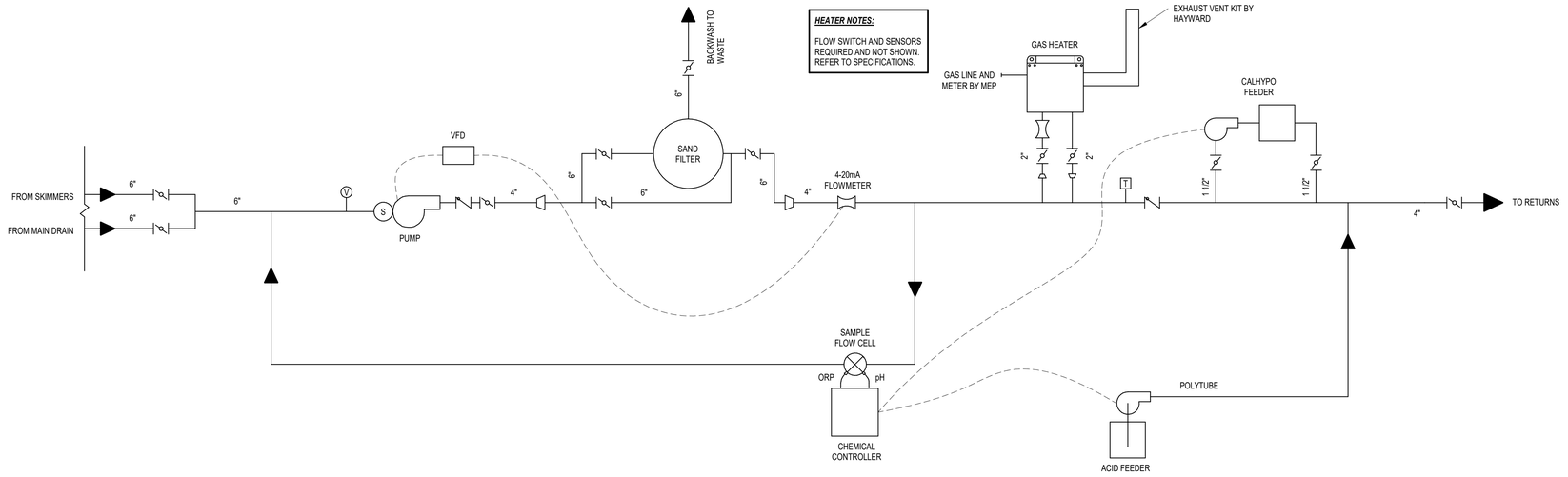
NOTE: TARGET SHALL BE OF A CONTRASTING COLOR & FINISHED FLUSH WITH POOL BASIN.

ELEVATION VIEW - WALL MARKER



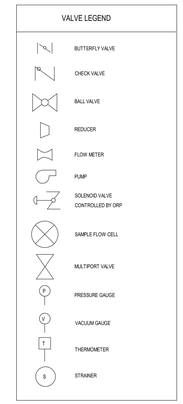
PLAN VIEW - FLOOR MARKER

3 WALL AND FLOOR LANE MARKERS
1/2" = 1'-0"



HEATER NOTES:

FLOW SWITCH AND SENSORS REQUIRED AND NOT SHOWN. REFER TO SPECIFICATIONS.



ADULT POOL SCHEMATIC

4 RECIRCULATION SYSTEM SCHEMATIC
3/4" = 1'-0"

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

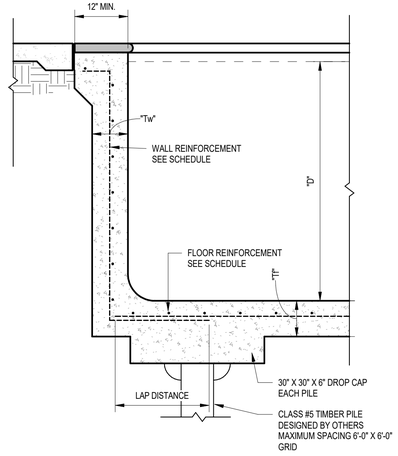
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

SWIMMING POOL DETAILS

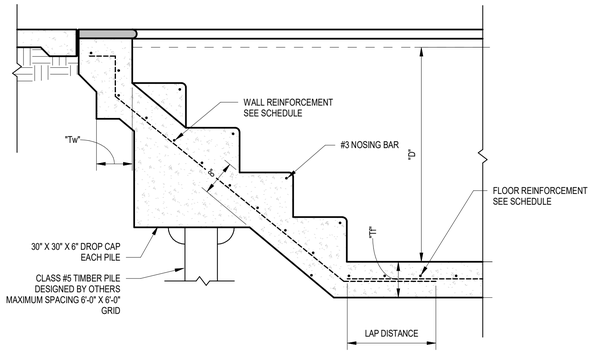
Project number	SE-25-848
Date	8.5.2025
Drawn by	BW
Checked by	RD

SP5.02

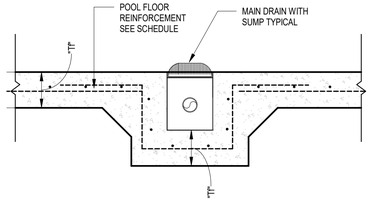
9/3/2025 10:16:15 AM



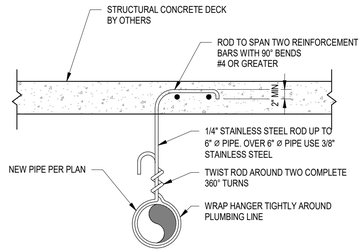
1 TYPICAL POOL STRUCTURAL SECTION
3/4" = 1'-0"



2 TYPICAL STRUCTURAL SECTION AT STEPS
3/4" = 1'-0"



3 TYPICAL STRUCTURAL SECTION AT MAIN DRAIN
3/4" = 1'-0"



NOTE: HANGER SPACING SHALL NOT EXCEED 4'-0" AND A HANGER SHALL BE PROVIDED ON EVERY BRANCH LINE AT FITTINGS.

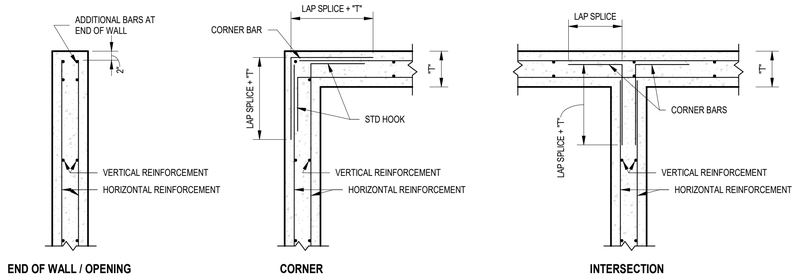
4 TYPICAL DECK SUSPENDED PIPE DETAIL
3/4" = 1'-0"

NOTES:

AL HOOKS SHALL BE STD 90 DEGREE HOOKS.

CORNER BARS TO BE THE SAME SIZE AND SPACING AS HORIZONTAL BARS.

MAINTAIN CLEAR COVER AT ALL LAP SPLICES.



5 TYPICAL WALL INTERSECTION DETAIL
3/4" = 1'-0"

TENSION DEVELOPMENT/SPLICE LENGTHS													
BAR SIZE	BAR GRADE	f'c = 3,000 psi				f'c = 4,000 psi				f'c = 5,000 psi			
		CLASS A (1.0"Ld)		CLASS B (1.3"Ld)		CLASS A (1.0"Ld)		CLASS B (1.3"Ld)		CLASS A (1.0"Ld)		CLASS B (1.3"Ld)	
		CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#3	60	25	17	33	22	22	15	28	19	20	13	25	17
#4	60	33	22	43	29	29	19	37	25	26	17	34	23
#5	60	42	28	54	36	36	24	47	31	32	26	42	28
#6	60	50	33	65	43	43	29	56	37	39	26	50	34
#7	60	72	48	94	63	63	42	81	54	56	38	73	49
#8	60	83	55	107	73	72	48	93	62	64	43	83	56
#9	60	93	62	121	81	81	54	105	70	72	48	94	63
#10	60	105	70	136	91	91	61	118	79	81	54	106	71
#11	60	116	78	151	101	101	67	131	87	90	60	117	78

NOTES:

1. THIS TABLE SHALL ONLY BE USED FOR DEVELOPMENT AND SPLICE LENGTHS FOR CONCRETE SLABS ONLY.
2. ALL DEVELOPMENT/SPLICE LENGTHS ARE IN INCHES.
3. Ld = TENSION DEVELOPMENT LENGTH PER CHAPTER 25 OF ACI 318.
4. CASE 1 SHALL APPLY WHEN THE CONCRETE COVER > 2"db
5. CASE 2 SHALL APPLY WHEN THE CONCRETE COVER > 1.5"db AND CENTER TO CENTER BAR SPACING IS > 4"db
6. FOR BARS WITH MORE THAN 12" OF FRESH CONCRETE PLACED BELOW THE DEVELOPMENT LENGTH OR SPLICE, DEVELOPMENT LENGTH/SPLICE LENGTHS TABULATED ABOVE SHALL BE MULTIPLIED BY 1.3.
7. WHEN LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTHS DETERMINED BY THE SMALL BAR, BUT SHALL NOT BE LESS THAN THE CLASS A SPLICE LENGTH OF THE LARGER BAR.
8. FOR EPOXY COATED BARS, MULTIPLY DEVELOPMENT/SPLICE LENGTH BY 1.5 (THE PRODUCT OF THE TOP BAR MULTIPLIER AND THE EPOXY COATED BAR MULTIPLIER NOT BE MORE THAN 1.7).

6 DEVELOPMENT LENGTH SCHEDULE
3/4" = 1'-0"

REINFORCED GUNITE SCHEDULE					
POOL MAXIMUM DEPTH "D"	POOL WALL THICKNESS "Tw"	POOL FLOOR THICKNESS "Tf"	POOL WALL REINFORCEMENT	POOL FLOOR REINFORCEMENT	MINIMUM REINFORCEMENT LAP
5'-0"	8"	10"	#4 BARS @ 8" O.C. E.W. CENTERED	#4 BARS @ 8" O.C. E.W. CENTERED	24"

SOUTHEAST ENGINEERS & LAND SURVEYORS
4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
RYAN C. DUNLEY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/3/2025

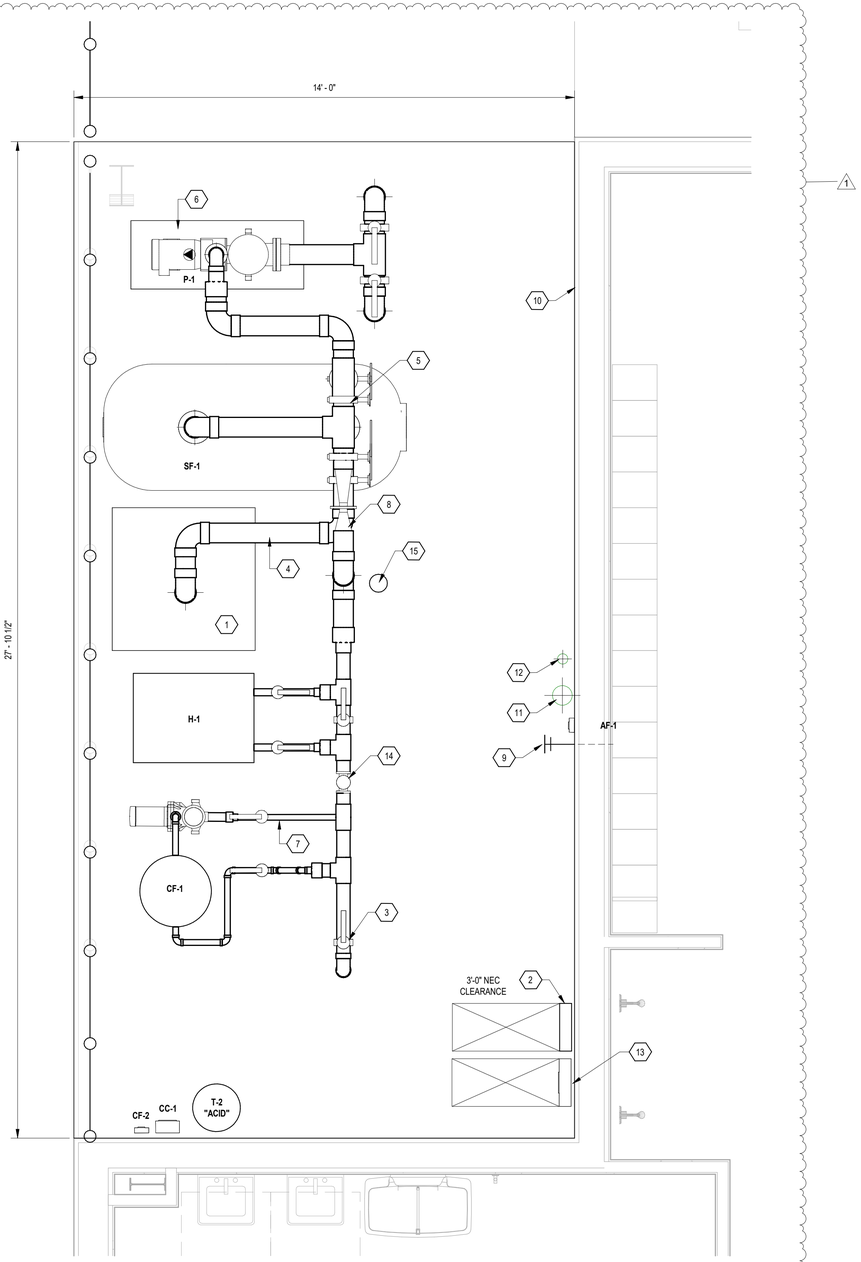
ALGIERS DEVELOPMENT DISTRICT NATATORIUM

POOL STRUCTURAL DETAILS

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP5.03

9/3/2025 10:16:15 AM



1 SWIMMING POOL EQUIPMENT ROOM
1/2" = 1'-0"

#	KEYNOTE LEGEND
1	4'-0" X 4'-0" X 3'-6" BACKWASH SUMP WITH 6" DISCHARGE LINE TO STANITARY SEWER WITH P-TRAP.
2	ELECTRICAL SUBPANEL/TIMER BOX BY OTHERS. LOCATED PER ELECTRICAL DRAWINGS.
3	BUTTERFLY VALVE, TYPICAL ALL SUCTION AND RETURN LINES FOR FLOW ADJUSTMENT.
4	6" BACKWASH LINE WITH 12" AIR GAP TO STAND PIPE
5	FILTER BUTTLERFLY VALVE FACE PIPING.
6	4" CONCRETE HOUSE KEEPING PAD FOR POOL PUMP MOUNTING.
7	BYPASS LOOP FOR CHLORINE FEEDER WITH BOOSTER PUMP. BYPASS LINE TO BE SIZED FOR CHEMICAL FEEDER PORT SIZES. RE: TYPICAL POOL SCHEMATIC.
8	BLUEWHITE F2000 4-20mA FLOWMETER.
9	HOSE BIB WITH VACUUM BREAKER FOR MAINTENANCE.
10	MINIMUM 48" ACCESS DOOR OR GATE FOR ENTRANCE TO POOL EQUIPMENT ROOM. VERIFY LOCATION WITH ARCHITECTURAL.
11	STANDPIPE FOR AUTOFILL DEVICE TO POOL. REFER TO DETAIL ON SP5.00.
12	FILL FUNNEL TO REFER TO DETAIL ON SP5.00
13	VARIABLE FREQUENCY DRIVES MOUNTED TO WALL.
14	CHECK VALVE BETWEEN CHEMICAL HEATER AND CHEMICAL FEEDERS.
15	FLOOR DRAIN, RE: MEP.

POOL EQUIPMENT NOTES:

SWIMMING POOL EQUIPMENT LAYOUT SHOWN IS DIAGRAMMATIC ONLY. SWIMMING POOL CONTRACTOR REQUIRED TO SUBMIT FINAL POOL EQUIPMENT LAYOUT TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO INSTALLATION.

CONTRACTOR SHALL PRACTICE BEST MANAGEMENT TO LIMIT THE AMOUNT OF EXPOSED RUNS. ROUTE PIPES BELOW SLAB WHERE POSSIBLE.

ALL PIPING TO BE PROPERLY STRAPPED/ANCHORED AGAINST WATER HAMMER AND VIBRATIONS.

FLOW METERS, ACCURATE TO 10% OF THE TOTAL FLOW RATE SHALL BE INSTALLED ON THE INFLUENT LINE OF EACH FILTER. ADDITIONAL FLOW METERS SHALL BE PROVIDED FOR ALL RETURN LINES FOR FLOW ADJUSTMENT.

BUTTERFLY VALVES SHALL BE INSTALLED ON ALL SUCTION AND DISCHARGE LINES FOR FLOW ADJUSTMENT.

ALL SWIMMING POOL PIPING SHALL BE SIZED WITH THE LARGEST POOL EQUIPMENT TIE-IN SIZE. INSTALL REDUCERS WHERE NECESSARY FOR ADDITIONAL EQUIPMENT TIE-INS.

VALVES SHALL NOT BE INSTALLED UNDERNEATH CONCRETE UNDER ANY CIRCUMSTANCE.

ALL CHLORINE TABLET FEEDERS TO BE INSTALLED ON A BYPASS LOOP WITH WITH FEED GENERATED BY A CHLORINE INJECTION PUMP OPERATED BY CHEMICAL CONTROLLER.

POOL CONTRACTOR PROVIDE ALL PUMP STARTERS, TIMERS, ETC. FOR PUMP OPERATIONS.

ADDITIONAL EQUIPMENT MAY BE REQUIRED FOR SATISFACTORY OPERATIONS. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS EQUIPMENT NOT SHOWN HERE FOR CLARITY.

INDOOR EQUIPMENT ROOMS REQUIRE VENTILATION DESIGNED BY OTHERS. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.

SOUTHEAST
ENGINEERS &
LAND SURVEYORS

4880 BLUEBONNET BLVD STE A | BATON ROUGE, LA
225.295.1880 | WWW.SEENGINEERS.COM

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

6600 BELGRADE ST.
NEW ORLEANS, LA 70131

No.	Description	Date
	Issued for Permit	8.13.2025
1	Revision 01	9.3.2025

SEAL

STATE OF LOUISIANA
9/3/2025
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

ALGIERS DEVELOPMENT DISTRICT NATATORIUM

POOL EQUIPMENT ROOM

Project number	SE-25-848
Date	8.5.2025
Drawn by	RD
Checked by	RD

SP6.00

9/3/2025 10:16:15 AM

CITY OF NEW ORLEANS
ONE STOP
PERMITS & LICENSES

Building/Construction Related Permit

Date _____ Received by_____
Tracking Number _____

DEVELOPMENT PLAN AND DESIGN REVIEW APPLICATION

Please submit complete applications via email to CPCinfo@nola.gov. Applicants without the ability to submit via email should contact (504) 658-7300 to make alternative arrangements. Incomplete applications will not be accepted and will be returned to the applicant. Review time depends on the complexity of the project and can take up to 90 days.

Type of application: ○ Design Review ○ Interim Zoning Districts Appeal ○ Moratorium Appeal

Property Location 6550 Belgrade St. New Orleans, LA 70131

APPLICANT INFORMATION

Applicant Identity: ○ Property Owner ○ Agent

Applicant Name Sizeler Thompson Brown Architects, APC

Applicant Address 300 Lafayette St., Suite 200

City New Orleans State LA Zip 70130

Applicant Contact Number 504-523-6472 Email ccostalima@sizeler.com

PROPERTY OWNER INFORMATION

SAME AS ABOVE ☐

Property Owner Name The City of New Orleans

Property Owner Address 1300 Perdido St. suite 5W17

City New Orleans State LA Zip 70112

Property Owner Contact Number 504.367.3331 Email kathylynnadd@gmail.com

PROJECT DESCRIPTION

Construction of new natatorium structure for use by existing NORD Recreation center.

REASON FOR REVIEW (REQUIRED FOR DESIGN REVIEW)

Design Overlay District Review
- ☐ Character Preservation Corridor
- ☐ Riverfront Design Overlay
- ☐ Enhancement Corridor
- ☐ University Area Design Overlay
- ☐ Corridor Transformation
- ☐ Greenway Corridor
- ☐ Others as required

Non-Design Overlay District Review
- ☐ Development over 40,000 sf
- ☐ Public Market
- ☐ CBD FAR Bonus
- ☐ Wireless Antenna/Tower
- ☐ Educational Facility

- ☐ Changes to Approved Plans
- ☐ DAC Review of Public Projects
- ☐ Others as Required

ADDITIONAL INFORMATION

Current Use Open Field Proposed Use Enclosed Public Natatorium

Square Number 1 Lot Number n/a Permeable Open Space (sf) 156146

New Development?	Yes ○	No ○	Addition?	Yes ○	No ○	Tenant Width	N/A
Existing Structure(s)?	Yes ○	No ○	Renovations?	Yes ○	No ○	Building Width	60'-0"
Change in Use?	Yes ○	No ○	Existing Signs?	Yes ○	No ○	Lot Width (sf)	533'-4"
New Sign(s)?	Yes ○	No ○	Lot Area (sf)	217,364sf		BuildingArea (sf)	6,098

CITY OF NEW ORLEANS
ONE STOP
PERMITS & LICENSES

Building/Construction
Related Permit

Date _____ **Received by**_____
Tracking Number _____

DEVELOPMENT PLAN AND DESIGN REVIEW APPLICATION

REQUIRED ATTACHMENTS (One digital copy)

1. SITE PLAN

- ◉ North arrow, scale, and date of plan
- ○ Location, dimensions, and area of permeable open space
- ○ Name, address of the professional who prepared the plan
- ○ Legend of symbols, patterns, and abbreviations used
- ○ The entire lot(s), including area and property lines dimensioned (including gross area of the site)
- ○ Curb cuts, interior streets, driveways, and parking and loading areas with dimensions and total area (sf)
- ○ Location and dimensions of buildings and structures, including total floor area and distance from property lines
- ○ Location of adjacent buildings
- ○ Location of refuse storage locations
- ○ Proposed right-of-way improvements including sidewalks and plantings, and pedestrian walkways
- ○ Fence location, height, and materials

2. FLOOR PLAN

- ○ Indicating the dimensions and square footage of proposed development
- ○ Room use
- ○ Location of all walls, doors, and windows
- ○ Location of all plumbing fixtures
- ○ Location of major appliances/mechanical equipment
- ○ Stairway location
- ○ Firewall location (if applicable)

3. ARCHITECTURAL ELEVATIONS

- ○ Architectural elevations of each side of the proposed structure drawn to scale indicating height, ground floor ceiling, ground floor transparency, architectural elements, materials, colors, and textures proposed for any structures.

4. LIGHTING PLAN

- ○ Location of all exterior lighting, including those mounted on poles and walls
- ○ Types, style, height, and the number of fixtures
- ○ Manufacturer's illustrations and specifications of fixtures

5. SIGNAGE PLAN

- ○ Proposed Signage with overall height, width, and materials
- ○ Building Elevation (including building width and height)
- ○ Site plan showing the location of all proposed detached sign(s) along with setback dimensions.

6. LANDSCAPE PLAN

- ○ Name and address of professional who prepared the plan.
- ○ Landscape plans shall be prepared by a registered landscape architect licensed by the Louisiana Horticulture Commission
- ○ All landscape plans shall meet the minimum requirements of site plans
- ○ Legend defining all symbols, patterns, and abbreviations used
- ○ Location, quantity, size, name, and condition (both botanical and common) of all existing and proposed plant materials and trees.
- ○ Description of all tree preservation measures on-site and in the public right-of-way
- ○ Width, depth, and area of landscaped area(s)
- ○ Proposed right-of-way improvements and pedestrian walkways

Planting proposed in the right-of-way must have Parks and Parkways approval

7. PHOTOS

- ○ Photographs of the subject site and/or building

8. NARRATIVE

- ○ Narrative addressing compliance with applicable Comprehensive Zoning Ordinance requirements and design goals

9. COLOR ELEVATIONS/RENDERING (DAC ONLY)

- ○ Color elevations and/or renderings are required for projects that trigger review by the Design Advisory Committee

10. SUPPLEMENT 'A' (UNIVERSITY AREA DESIGN OVERLAY)

- ○ Additional submittal requirements for the University Area Design Overlay

FEES

Design Review	$225
CBD Demolitions	$500
Moratorium Appeals	$1,000