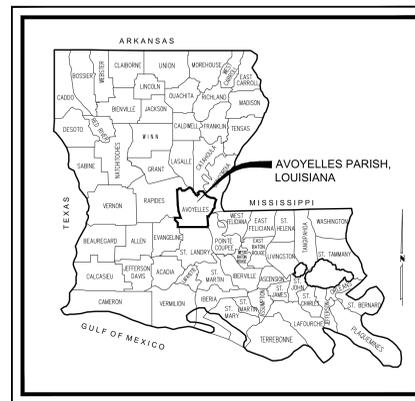


# AVOUELLES PARISH POLICE JURY

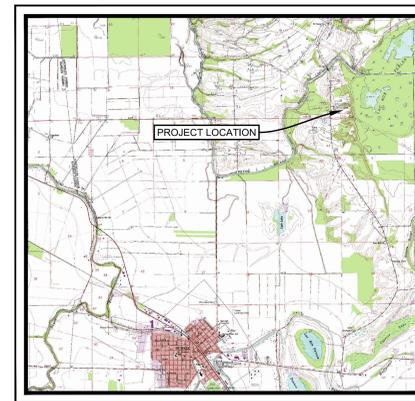
## CONTRACT DOCUMENTS FOR THE CONSTRUCTION OF

# AVOUELLES PARISH RECREATION AND EDUCATION COMPLEX

5197 LA HWY 115  
BUNKIE, LOUISIANA



VICINITY MAP



LOCATION MAP

JANUARY 2026

PROJECT CLASSIFICATION PER L.R.S. 37:2163. C  
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INCLUDED IN ALTERNATE No. 2

P.A.E. REVIEW		
	PROJECT ENGINEER	DATE
ORIGINAL DRAWINGS	<i>Thomas C. David, Jr.</i>	11/11/25
RECORD DRAWINGS		



THOMAS C. DAVID, JR. - PAN AMERICAN ENGINEERS, LLC

*Thomas C. David, Jr.*

11/11/25

TITLE SHEET



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DATE 11/25

REVISION	DATE
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BOOK NO.	N/A
JOB NO.	12719

DWG. NO. 14672  
SCALE SHOWN

TITLE SHEET

OWNER AVOUELLES PARISH POLICE JURY  
PROJECT AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C1**

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THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CALL LOUISIANA ONE CALL - JUST DIAL 811  
LOUISIANA STATE LAW, SECTION 9:5, 9:124, 9:125, 9:126, 9:127, 9:128, 9:129, 9:130, 9:131, 9:132, 9:133, 9:134, 9:135, 9:136, 9:137, 9:138, 9:139, 9:140, 9:141, 9:142, 9:143, 9:144, 9:145, 9:146, 9:147, 9:148, 9:149, 9:150, 9:151, 9:152, 9:153, 9:154, 9:155, 9:156, 9:157, 9:158, 9:159, 9:160, 9:161, 9:162, 9:163, 9:164, 9:165, 9:166, 9:167, 9:168, 9:169, 9:170, 9:171, 9:172, 9:173, 9:174, 9:175, 9:176, 9:177, 9:178, 9:179, 9:180, 9:181, 9:182, 9:183, 9:184, 9:185, 9:186, 9:187, 9:188, 9:189, 9:190, 9:191, 9:192, 9:193, 9:194, 9:195, 9:196, 9:197, 9:198, 9:199, 9:200, 9:201, 9:202, 9:203, 9:204, 9:205, 9:206, 9:207, 9:208, 9:209, 9:210, 9:211, 9:212, 9:213, 9:214, 9:215, 9:216, 9:217, 9:218, 9:219, 9:220, 9:221, 9:222, 9:223, 9:224, 9:225, 9:226, 9:227, 9:228, 9:229, 9:230, 9:231, 9:232, 9:233, 9:234, 9:235, 9:236, 9:237, 9:238, 9:239, 9:240, 9:241, 9:242, 9:243, 9:244, 9:245, 9:246, 9:247, 9:248, 9:249, 9:250, 9:251, 9:252, 9:253, 9:254, 9:255, 9:256, 9:257, 9:258, 9:259, 9:260, 9:261, 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Know what's below.  
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- TBM No. 1  
60D NAIL IN LIGHT POLE  
ELEVATION=74.52
- TBM No. 2  
50" Ø IRON ROD  
ELEVATION=74.14
- TBM No. 3  
50" Ø IRON ROD  
ELEVATION=73.10

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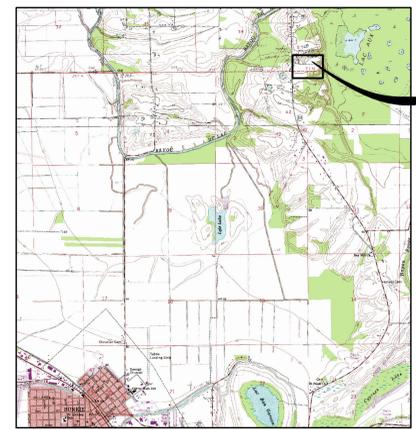
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TOPOGRAPHIC SURVEY

OWNER AVOUELLES PARISH POLICE JURY  
PROJECT AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
5197 HIGHWAY 115  
BUNKIE LOUISIANA 71322

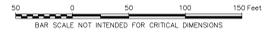
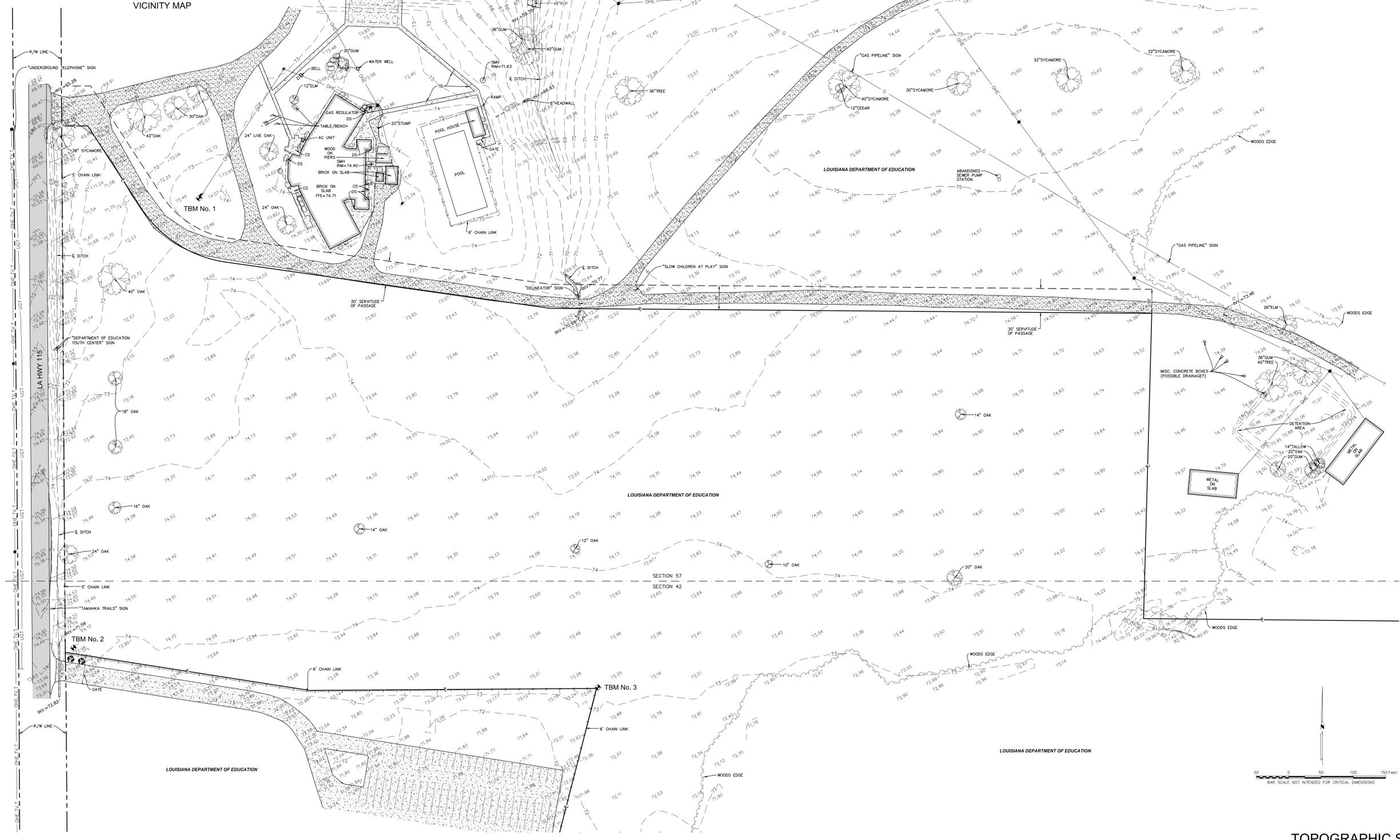
SHEET NUMBER  
**C2**



VICINITY MAP

**LEGEND:**

	APPARENT PROPERTY LINE		FLAG POLE
	APPARENT RIGHT OF WAY LINE (R/W)		MAILBOX
	SERVITUDE LINE		AC UNIT
	ROOF OVERHANG		CREPE MYRTLE
	FENCE LINE		BUSH
	OHE, TV, T		REINFORCED CONCRETE PIPE
	OHE		CORRUGATED METAL PIPE
	UGT		TEMPORARY BENCHMARK
	CONTOUR MAJOR		FINISHED FLOOR ELEVATION
	CONTOUR MINOR		INVERT
	SPOT ELEVATION		CANOPY SUPPORT
	SIGN TRAFFIC/UTILITY		DOWN SPOUT
	UTILITY POLE		TRENCH DRAIN
	LIGHT POLE		CENTERLINE
	GUY WIRE/ANCHOR		DIAMETER
	WATER METER		CONCRETE SURFACE
	WATER VALVE		ASPHALT SURFACE
	WATER SPIGOT		GRAVEL SURFACE
	SEWER MANHOLE (SMH)		
	SEWER CLEANOUT		



TOPOGRAPHIC SURVEY

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THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



CALL LOUISIANA ONE CALL - JUST DIAL 811  
LOUISIANA STATE LAW, SECTION 18:107(B)(1), REQUIRES EXCAVATORS AND DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

THESE DRAWINGS DO NOT INCLUDE COMPONENTS FOR CONSTRUCTION SAFETY.

SCALE NOTE  
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### 6 "CAUTION - NOTICE TO CONTRACTOR"

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHOULD EXERCISE CAUTION WHEN EXCAVATING IN THE VICINITY OF MARKED UTILITIES, MARKED AND/OR UNMARKED UTILITIES WHICH WOULD REQUIRE RELOCATION DUE TO THE SPECIFIED PROJECT SCOPE, AND NOT CALLED OUT ON PLANS FOR RELOCATION/ADJUSTMENT, SHALL BE PERFORMED AT AN ADDITIONAL COST NEGOTIATED WITH THE OWNER. MARKED UTILITIES WHICH DO NOT REQUIRE RELOCATION BUT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

### 5 "NOTICE TO CONTRACTOR"

IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM DRAINAGE STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OF ANY DISCREPANCIES FROM THE INFORMATION SHOWN ON THE PLANS. ANY ADDITIONAL COST INCURRED DUE TO NON-VERIFICATION OF THESE EXISTING ITEMS SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

### 4 DEMOLITION PLAN NOTES

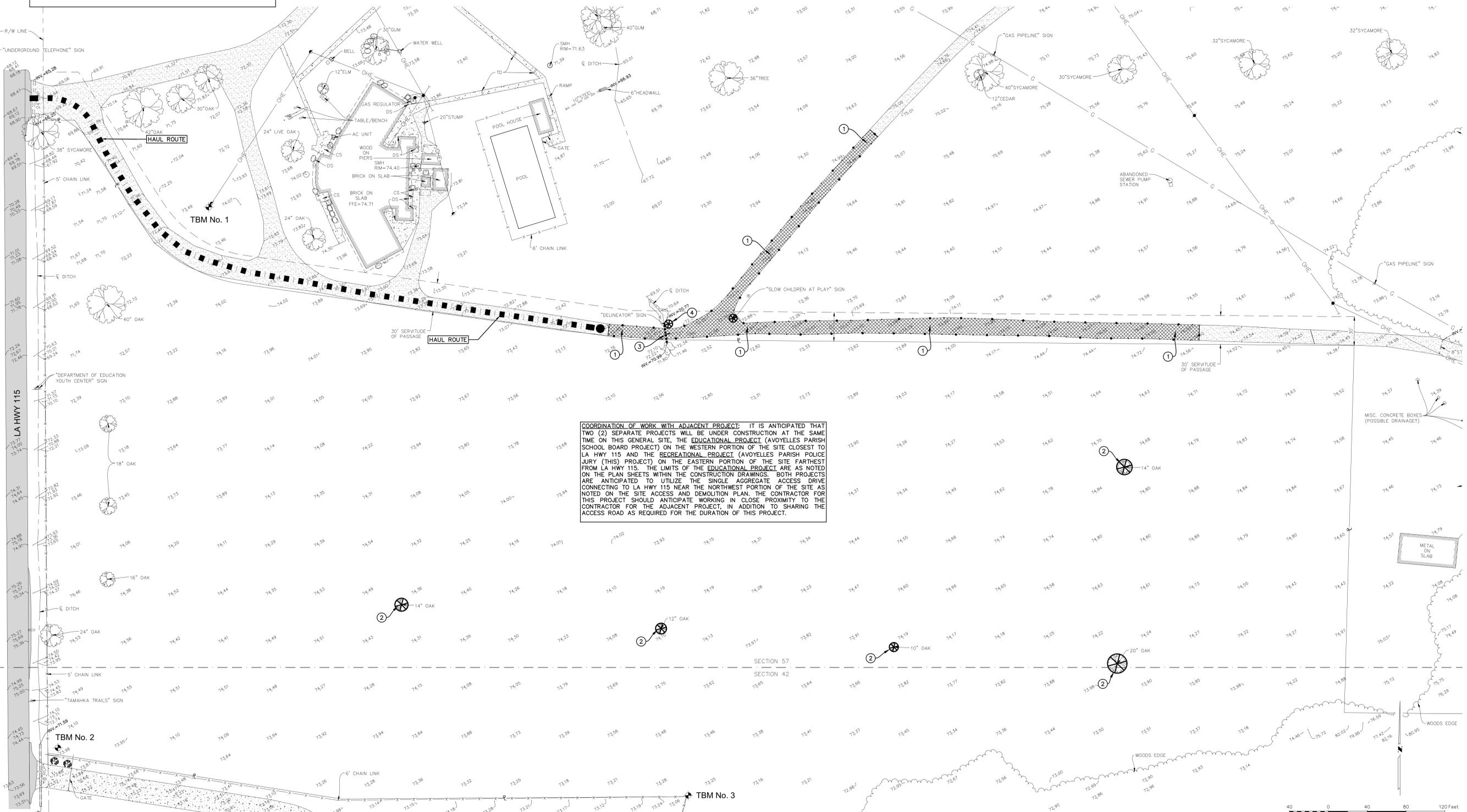
1. THE CONTRACTOR IS RESPONSIBLE FOR DEMOLITION, REMOVAL AND DISPOSAL IN A LAWFUL MANNER AT A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF FENCING, DRAINAGE, UTILITIES, ETC., TO ALLOW FOR THE CONSTRUCTION OF IMPROVEMENTS SHOWN ON THE REMAINING PLANS. FINISH GRADES SHALL BE ACHIEVED WITH COMPACTED, SUITABLE FILL MATERIAL PER THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
2. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES.
3. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.
4. EXISTING STORM DRAINS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY BE ENCOUNTERED ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. NOTICE SHALL BE GIVEN TO ALL UTILITY COMPANIES REGARDING THE PLANNED ABANDONMENT AND/OR REMOVAL OF THE RESPECTIVE UTILITY LINE.
5. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN ANY WAY, THE CONTRACTOR SHALL CONSTRUCT AND/OR PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW AND UNUSED.
6. CONTRACTOR SHALL LIMIT SAWCUTTING OF PAVEMENT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS AS SHOWN ON THESE CONSTRUCTION PLANS. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. AS A RESULT OF THE DEMOLITION OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NEATLY SAWCUTTING THE AFFECTED AREA AND REPLACING WITH PAVEMENT AND BASE EQUAL TO THE ADJACENT PAVEMENT SECTION AT NO ADDITIONAL COST.
7. ANY IMPROVEMENTS AND/OR OBSTRUCTIONS NOT INDICATED HEREON THAT MAY FALL WITHIN THE PROPOSED CONSTRUCTION AREAS AND HINDER CONSTRUCTION SHALL BE REMOVED AND/OR RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. IT IS RECOMMENDED THAT THE CONTRACTOR VERIFY EXISTING FIELD CONDITIONS IN RELATION TO THESE DEMOLITION PLANS AND REPORT ANY GROSS INCONSISTENCIES OR OMISSIONS TO THE ENGINEER.
8. ANY QUANTITIES NOTED ARE FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL DEVELOP INDEPENDENT TAKEOFF BASED ON AVAILABLE PLAN DATA AND SITE VISITS.

### 3 LEGEND

- ■ ■ ■ ■ HAUL ROUTE
- SITE ACCESS POINT
- ○ ○ ○ ○ REMOVE EXISTING AMENITY AS NOTED

### 2 DEMOLITION MASTER KEY NOTES

- 1 REMOVE EXISTING GRAVEL SURFACING
- 2 REMOVE EXISTING TREES AND GRIND STUMPS
- 3 REMOVE EXISTING 12" CMP DRAINAGE PIPE
- 4 REMOVE EXISTING SIGN/MARKER



**COORDINATION OF WORK WITH ADJACENT PROJECT:** IT IS ANTICIPATED THAT TWO (2) SEPARATE PROJECTS WILL BE UNDER CONSTRUCTION AT THE SAME TIME ON THIS GENERAL SITE, THE EDUCATIONAL PROJECT (AVOYELLES PARISH SCHOOL BOARD PROJECT) ON THE WESTERN PORTION OF THE SITE CLOSEST TO LA HWY 115 AND THE RECREATIONAL PROJECT (AVOYELLES PARISH POLICE JURY (THIS) PROJECT) ON THE EASTERN PORTION OF THE SITE FARTHEST FROM LA HWY 115. THE LIMITS OF THE EDUCATIONAL PROJECT ARE AS NOTED ON THE PLAN SHEETS WITHIN THE CONSTRUCTION DRAWINGS. BOTH PROJECTS ARE ANTICIPATED TO UTILIZE THE SINGLE AGGREGATE ACCESS DRIVE CONNECTING TO LA HWY 115 NEAR THE NORTHWEST PORTION OF THE SITE AS NOTED ON THE SITE ACCESS AND DEMOLITION PLAN. THE CONTRACTOR FOR THIS PROJECT SHOULD ANTICIPATE WORKING IN CLOSE PROXIMITY TO THE CONTRACTOR FOR THE ADJACENT PROJECT, IN ADDITION TO SHARING THE ACCESS ROAD AS REQUIRED FOR THE DURATION OF THIS PROJECT.

### 1 PLAN

SCALE: 1"=40'

BAR SCALE NOT INTENDED FOR CRITICAL DIMENSIONS

### ACCESS AND DEMOLITION PLAN

**STATE OF LOUISIANA**  
 Thomas C. David, Jr.  
 REG. NO. 18878  
**PROFESSIONAL ENGINEER**  
 IN  
**CIVIL ENGINEERING**

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DATE	11/25
REVISION	DATE
CHECKED	T.C.D
BOOK NO.	N/A
JOB NO.	12719
DWG. NO.	14672
SCALE	SHOWN

**ACCESS AND DEMOLITION PLAN**

**OWNER: AVOYELLES PARISH POLICE JURY**

**PROJECT: AVOYELLES PARISH RECREATION & EDUCATION COMPLEX**

5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C3**

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ONE INCH

**PAN AMERICAN ENGINEERS, L.L.C.**  
 1717 JACKSON STREET (71301)  
 P.O. BOX 8509 (71308)  
 ALEXANDRIA, LA.

ACREAGE SUMMARY in ACRES	
IMPERVIOUS AREA	1.03 AC±
GRASSED AREA	6.28 AC±
TOTAL DISTURBED	7.31 AC±

### STORMWATER RUNOFF COEFFICIENTS (C):

- PRE-DEVELOPMENT C = 0.35
- POST-DEVELOPMENT C = 0.65

## 2 LEGEND

- |  |  |  |   |
|--|--|--|---|
|  | 1 SILT FENCE   |  | 6 TEMPORARY CONSTRUCTION ENTRANCE/EXIT; REMOVE UPON PROJECT COMPLETION, DRESS GRADE FOR POSITIVE DRAINAGE AND SOD ALL DISTURBED AREA. |
|  | 2 AREAS TO BE SPRIGGED (TIFFAWY 419 BERMUDA)   |  | 7 STRAW BALE CHECK DAM  |
|  | 3 AREAS TO BE HYDROSEEDED (COMMON BERMUDA)   |  | 8 EROSION CONTROL MATTING   |
|  | 4 LIMITS OF DISTURBANCE (FACILITY IMPROVEMENTS)  |  | 9 COMMON BERMUDA SOD AROUND NEW PAVED IMPROVEMENTS AS SHOWN (4' WIDE STRIP MIN.)  |
|  | 5 AREA INLETS (TYP.). UPON COMPLETION OF INLET TOP, INSTALL STRAW WATTLE AROUND INLET (TYP.) |  | 10 ROCK CHECK DAM SILT FENCE  |
|  |  |  | 11 TEMPORARY CONSTRUCTION FENCE (TIE TO EXISTING FOR SECURITY/ACCESS CONTROL) ADJUST AS REQUIRED FOR PHASES OF CONSTRUCTION           |
|  |  |  | 12 RIP RAP AROUND AREA OUTFALLS (TYP.)  |

## 3 EROSION MAINTENANCE NOTES:

- ALL MEASURES STATED ON THIS EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CITY REQUIREMENTS, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
  - SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEED AS NEEDED.
  - SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
  - THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

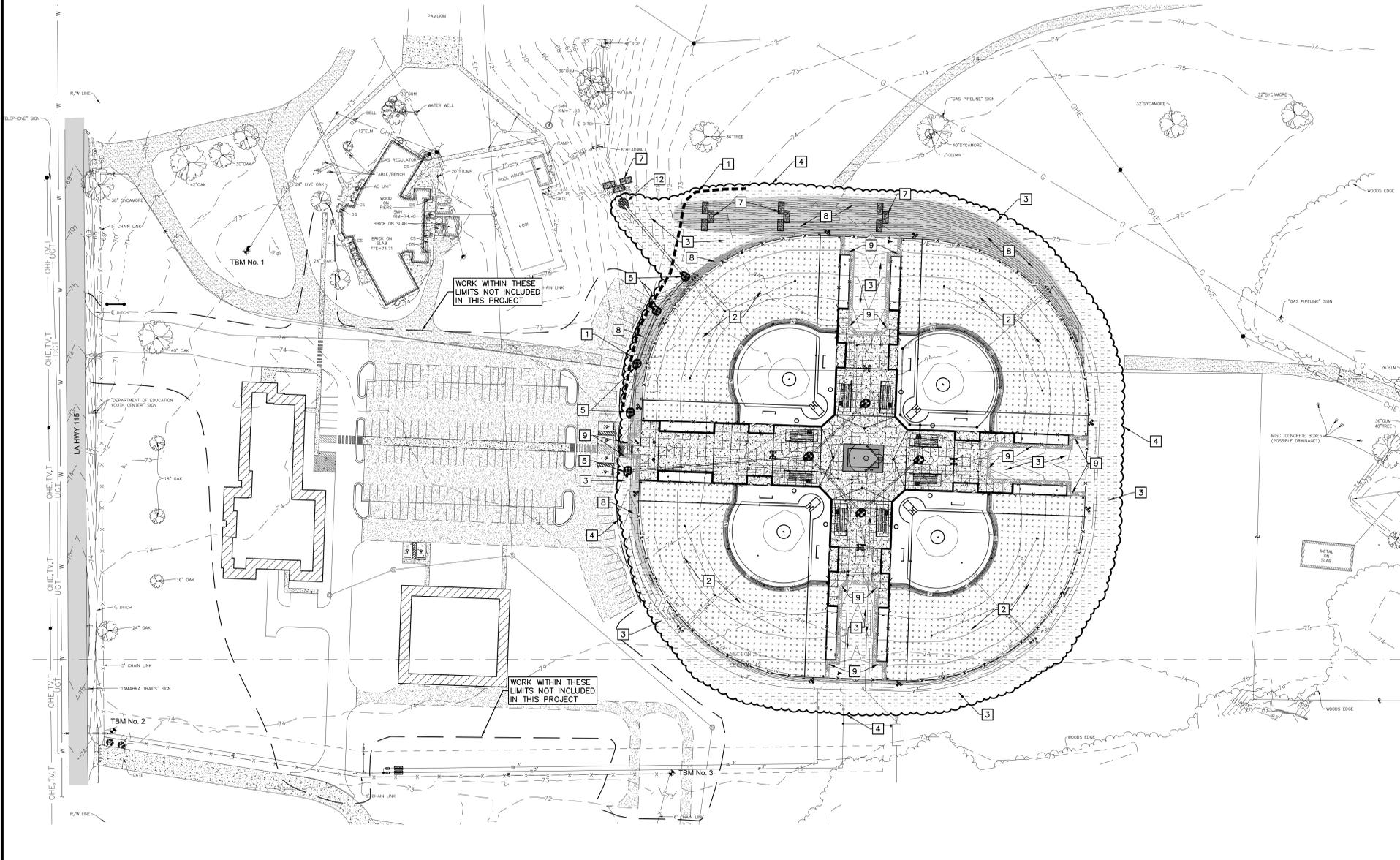
## 4 EROSION CONTROL GENERAL NOTES

- EROSION AND SEDIMENT CONTROLS MUST BE IN PLACE PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITY.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER.
- WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN SHALL BE INITIATED AS SOON AS PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL BE STOPPED FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDDED WITHIN 14 DAYS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE SODDED/SPRIGGED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
- MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTOR SHALL INSTALL SILT FENCES, STRAW WATTLES, OR OTHER PHYSICAL BARRIERS AS NECESSARY AROUND DISTURBED AREAS TO CONTROL EROSION AND SILTATION.
- IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND HAVE 4" OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SODDED/HYDROSEEDED, FERTILIZED, WATERED AND MAINTAINED UNTIL GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS RE-ESTABLISHED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, HAY BALES, ROCK CHECK DAMS, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR PAVING FOR DRIVES/PARKING CONSTRUCTION.

## 5 CONSTRUCTION SEQUENCE

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS, AS APPLICABLE: TRAILER, PARKING, PORTA-POTTY, CONCRETE WASHOUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

- DESIGNATE TEMPORARY CONSTRUCTION EXIT/ENTRANCE.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- INSTALL SILT/SEDIMENT FENCES AS SHOWN ON THIS SHEET (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE). SILT FENCE MAY BE REMOVED AFTER ALL AREAS RECEIVE FINAL STABILIZATION. SILT FENCE MUST BE MAINTAINED BY CONTRACTOR DURING CONSTRUCTION. SILT/SEDIMENT FENCE SHALL BE RELOCATED THROUGHOUT PROJECT TO REMAIN PARALLEL TO CONTOUR LINES AS POSSIBLE. ADDITIONAL FENCE SHALL BE INSTALLED THROUGHOUT PROJECT WHERE REQUIRED TO AVOID SILT RUNOFF FROM SITE.
- CONSTRUCT ROCK CHECK DAMS AT DRAIN-WAYS (IF REQUIRED).
- BEGIN DEMOLITION/CLEARING/STRIPPING (AS APPLICABLE) AS REQUIRED FOR IMMEDIATE WORK AREA.
- BEGIN GRUBBING AND STRIPPING OPERATIONS IN ACCORDANCE WITH THE SITING SPECIFICATIONS. GRUBBING AND STRIPPING SHOULD ONLY BE DONE IN AREAS WHERE EARTHWORK WILL BE PERFORMED. ENTIRE SITE SHALL NOT BE GRUBBED AND STRIPPED AT THE BEGINNING OF THE PROJECT. GRUBBING AND STRIPPING SHALL PROGRESS AS EARTHWORK DEMANDS.
- BEGIN EARTHWORK (GRADING) FOR THE CONSTRUCTION OF THE BUILDING, STRUCTURES AND AREAS TO BE PAVED.
- INSTALL TEMPORARY SEEDING AT ALL BARE/ERODING AREAS WHICH WILL NOT BE IMPACTED BY CONSTRUCTION FOR AT LEAST 7 DAYS
- AREAS WHERE GRADING HAS BEEN COMPLETED SHALL BE STABILIZED WITH PERMANENT SODDING, EROSION CONTROL MATTING, TIED LINER SLOPE PROTECTION, ETC. AS SPECIFIED AND/OR REQUIRED TO ELIMINATE SOIL EROSION FROM THE SITE.
- INSTALL UTILITIES AND STORM DRAIN PIPING/STRUCTURES.
- INSTALL DRAIN INLET SILT FENCES AS SHOWN ON THIS SHEET (AS APPLICABLE). SILT FENCE AROUND PIPE ENDS MAY BE REMOVED FOR INLET CONSTRUCTION. THESE SHALL BE REPLACED IF CHANCE OF RAIN EXISTS AND SHALL REMAIN UNTIL ALL AREAS AROUND INLETS ARE STABILIZED.
- PREPARE AREAS FOR BUILDING DEVELOPMENT AND PAVING.
- INSTALL/CONSTRUCT REQUIRED DRAINAGE COMPONENTS AND SITE PAVING.
- COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
- CONTINUE DAILY INSPECTION REPORTS UNTIL THE SITE IS FULLY STABILIZED.
- CLEAN ALL STORM DRAINAGE PATHWAYS, PIPES, STRUCTURES, ETC. OF CONSTRUCTION SILT DEBRIS.



1 PLAN  
SCALE: 1"=60'



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DATE 11/25

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BOOK NO.	N/A
JOB NO.	12719
DWG. NO.	14672
SCALE	SHOWN

EROSION CONTROL PLAN

OWNER AVOUELLES PARISH POLICE JURY  
PROJECT AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
5497 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C4**

### EROSION CONTROL PLAN

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## 2 SITE KEY NOTES

- 1 BALLFIELDS AND AMENITIES (TYP.) (SEE SHEET C10)
- 2 5" THICK CONCRETE SIDEWALK
- 3 BASE BID: SYNTHETIC TURF PLAY AREA (33'x 46.67')
- 4 ALTERNATE No. 1: CONCESSIONS/RESTROOMS BUILDING AREA (SEE NOTE THIS SHEET)
- 5 5' HIGH BLACK VINYL COATED CHAIN LINK FENCE
- 6 6' HIGH BLACK VINYL COATED CHAIN LINK FENCE
- 7 4' WIDE SINGLE GATE (6' HIGH)
- 8 10' WIDE DOUBLE GATE (5' HIGH)
- 9 CONNECT TO EXISTING CONCRETE SIDEWALK
- 10 STORM DRAINAGE PIPES, CATCH BASINS, ETC. (SEE DRAINAGE PLAN)
- 11 BALLFIELD LIGHTING (SEE ELECTRICAL SITE PLAN)
- 12 UTILITY MAINS, AND APPURTENANCES (SEE UTILITY PLAN)
- 13 4' WIDE SOD STRIP (TIFWAY 419 BERMUDA)
- 14 30' FLAGPOLE WITH NEW GROUND MOUNTED LIGHTS
- 15 INSTALL BASEBALL AND SOFTBALL MONUMENT BOLLARDS (1 EACH)

### SIGNAGE

- 1 FIELD IDENTIFICATION SIGN
- 2 DUGOUT SIGN (HOME SIDE)
- 3 DUGOUT SIGN (VISITOR SIDE)
- 4 FIELD REGULATIONS SIGN
- 5 RULES AND REGULATIONS SIGN
- 6 LA. HWY 115 ENTRANCE SIGN

## 3 JOINT LEGEND

	ISOLATION JOINT
	CONTRACTION (DUMMY) JOINT
	EXPANSION JOINT
	5" THICK CONCRETE WALK W/ 6x6xW2.9xW2.9 WELDED WIRE FABRIC (SHEETS ONLY)

## 4 GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS AND DIMENSIONS. IF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT BEFORE ANY FURTHER CONSTRUCTION IS ACCOMPLISHED.
2. THE CONTRACTOR IS RESPONSIBLE FOR ERECTING ALL CONSTRUCTION FENCING AND BARRICADES AS REQUIRED TO PROTECT CONSTRUCTION MATERIALS AND PREVENT ANY UNAUTHORIZED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE.
3. DAMAGE TO THE EXISTING GROUNDS OR FACILITIES OUTSIDE THE PROJECT AREA CAUSED BY CONSTRUCTION TRAFFIC OR ANY CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO MATCH OR EXCEED EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL CALL "LOUISIANA ONE-CALL" BEFORE DIGGING AT 811
5. DEMOLITION MATERIALS, DEBRIS AND OTHER MATERIAL OF ANY NATURE NOT USED IN THIS CONTRACT SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
6. APPLICABLE WORK SHALL GENERALLY BE IN CONFORMANCE WITH THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES - 2006 EDITION, UNLESS OTHERWISE NOTED.
7. REFER TO DRAINAGE AND IRRIGATION PLANS FOR ROUTING OF UNDERGROUND FACILITIES.
8. REFER TO FIELD LAYOUT PLANS (SHEETS C10) FOR DETAILED LAYOUT OF SYNTHETIC TURF, FIELD LINES, BALLFIELD AMENITIES, FENCING, ETC.
9. REFER TO ELECTRICAL SITE PLAN FOR ELECTRIC SERVICE, FIELD LIGHTING, ETC.
10. REFER TO ARCHITECTURAL SHEETS FOR CONCESSIONS/RESTROOMS BUILDING (ADDITIVE ALTERNATE No. 1).

### ALTERNATE NO. 1 - CONCESSIONS/RESTROOMS BUILDING

FOR THE CONCESSIONS/RESTROOMS BUILDING AREA, THE BASE BID SHALL GENERALLY INCLUDE THE INSTALLATION OF UTILITIES, SUBSURFACE DRAINAGE AND A SYNTHETIC TURF PLAY AREA. CONCRETE WALK WOULD TERMINATE 5' PRIOR TO THE PERIMETER OF THE PROPOSED, FUTURE BUILDING. UNDER ALTERNATE NO. 1, THE SYNTHETIC TURF PLAY AREA WOULD BE DELETED AND THE CONCESSIONS/RESTROOMS BUILDING WOULD BE CONSTRUCTED COMPLETE.

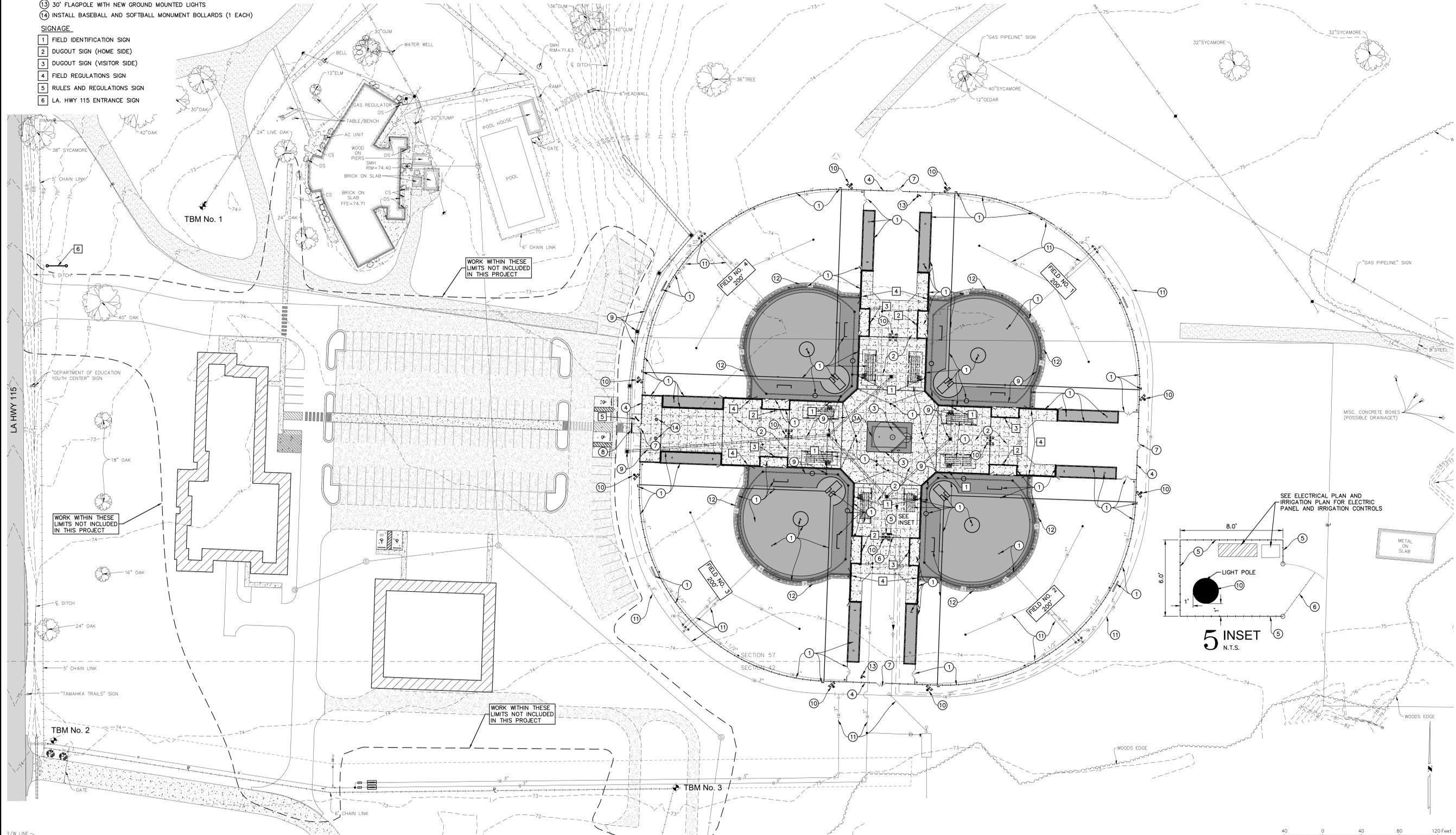
THE FOLLOWING WORK ITEMS ARE REQUIRED AT THE PROPOSED CONCESSIONS/RESTROOMS BUILDING AREA:

#### BASE BID:

- INSTALL DOMESTIC WATER AND SANITARY SEWER SERVICE PIPING AND CAPS (FOR FUTURE BUILDING CONNECTIONS).
- INSTALL ELECTRICAL AND COMMUNICATIONS SERVICE CONDUITS AND CAPS (FOR FUTURE BUILDING CONNECTIONS).
- INSTALL SUBSURFACE DRAINAGE PIPING TO FACILITATE SYNTHETIC TURF INSTALLATION (AND DRAIN FUTURE ROOF RUNOFF).
- INSTALL LINER, SUBSURFACE DRAINAGE, DRAINAGE AGGREGATE AND SYNTHETIC TURF TO COMPLETE SYNTHETIC TURF PLAY AREA.

#### ALTERNATE NO. 1:

- ELIMINATE ALL WORK RELATED TO INSTALLATION OF SYNTHETIC TURF PLAY AREA.
- INSTALL/CONSTRUCT NEW CONCESSIONS/RESTROOMS BUILDING COMPLETE INCLUDING FOUNDATION, BUILDING, UTILITY CONNECTIONS, MECHANICAL, ELECTRICAL, PLUMBING, LIGHTING, PERIMETER CONCRETE WALK, HVAC CHAIN LINK FENCING, WASTEWATER TREATMENT PLANT, ETC.
- INSTALL CONCRETE WALK AROUND BUILDING PERIMETER TO FOUNDATION/SLAB (5' WIDTH)
- INSTALL SUBSURFACE DRAINAGE FOR DOWNSPOUTS AND RELATED DOWNSPOUT CONNECTIONS



**1 PLAN**  
SCALE: 1" = 40'

**SITE PLAN**

STATE OF LOUISIANA  
Thomas C. Davis, Jr.  
REG. NO. 19878  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL ENGINEERING

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BOOK NO. N/A  
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DWG. NO. 14672  
SCALE SHOWN

SITE PLAN

OWNER AVOUELLES PARISH POLICE JURY  
PROJECT AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
5497 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C5**

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SCALE NOTE  
SCALE BAR SHOWN IS ONE INCH LONG AT FULL SCALE WHEN SCALING DRAWINGS. MEASURE BAR TO DETERMINE IF SCALE SHOWN WILL REQUIRE ADJUSTING.



**PAN AMERICAN ENGINEERS, LLC**  
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 LOUISIANA STATE LAW, SECTION R.S. 40:1749.15, REQUIRES EXCAVATORS AND DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

#### 4 GENERAL GRADING NOTES

- IN ALL AREAS EXCEPT WHERE DELINEATED OTHERWISE ON THIS SHEET, CONTRACTOR SHALL STRIP SITE OF EXISTING VEGETATION AND REMOVE EXISTING UNSUITABLE SOIL.
- IF THE CONTRACTOR RELOCATES A BENCHMARK WITH A NEW BENCHMARK, IT SHALL BE RELOCATED WITHIN A TOLERANCE OF 0.010'.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES.
- EXISTING GRADE CONTOURS SHOWN AT ONE FOOT (1') INTERVALS.
- FINISHED GRADE CONTOURS SHOWN AT ONE - QUARTER (1/4') INTERVALS.
- GRADED AREAS NOT PAVED OR TURFED SHALL RECEIVE SIX INCHES (6") OF TOPSOIL (BALLFIELD) AND FOUR INCHES (4") OF TOPSOIL (ALL OTHER AREAS) AND BE SODED, SPRIGGED OR HYDROSEED AS SHOWN ON THE EROSION CONTROL PLAN.
- CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE LPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
- THE MAXIMUM SLOPE FOR UNPAVED AREAS SHALL BE 5:1 UNLESS OTHERWISE NOTED.
- CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS (AND TREES) DELINEATED FOR PRESERVATION, ALL PROPERTY CORNERS, AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR SECURING TEMPORARY STOCKPILE SITE FOR TOPSOIL AND FOR RETAINING AN ADEQUATE QUANTITY OF TOPSOIL MATERIAL (ON-SITE OR OFF-SITE) FOR THE FINAL GRADING AND PLANTING REQUIREMENTS.
- ALL AREAS DISTURBED BY CONSTRUCTION AND NOT PLANNED FOR PAVEMENT OR TURF SHALL BE GRADED TO ENSURE POSITIVE DRAINAGE.

#### 3 "CAUTION - NOTICE TO CONTRACTOR"

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHOULD EXERCISE CAUTION WHEN EXCAVATING IN THE VICINITY OF MARKED UTILITIES, MARKED AND/OR UNMARKED UTILITIES WHICH WOULD REQUIRE RELOCATION DUE TO THE SPECIFIED PROJECT SCOPE, AND NOT CALLED OUT ON PLANS FOR RELOCATION/ADJUSTMENT, SHALL BE PERFORMED AT AN ADDITIONAL COST NEGOTIATED WITH THE OWNER. MARKED UTILITIES WHICH DO NOT REQUIRE RELOCATION BUT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

#### 2 "NOTICE TO CONTRACTOR"

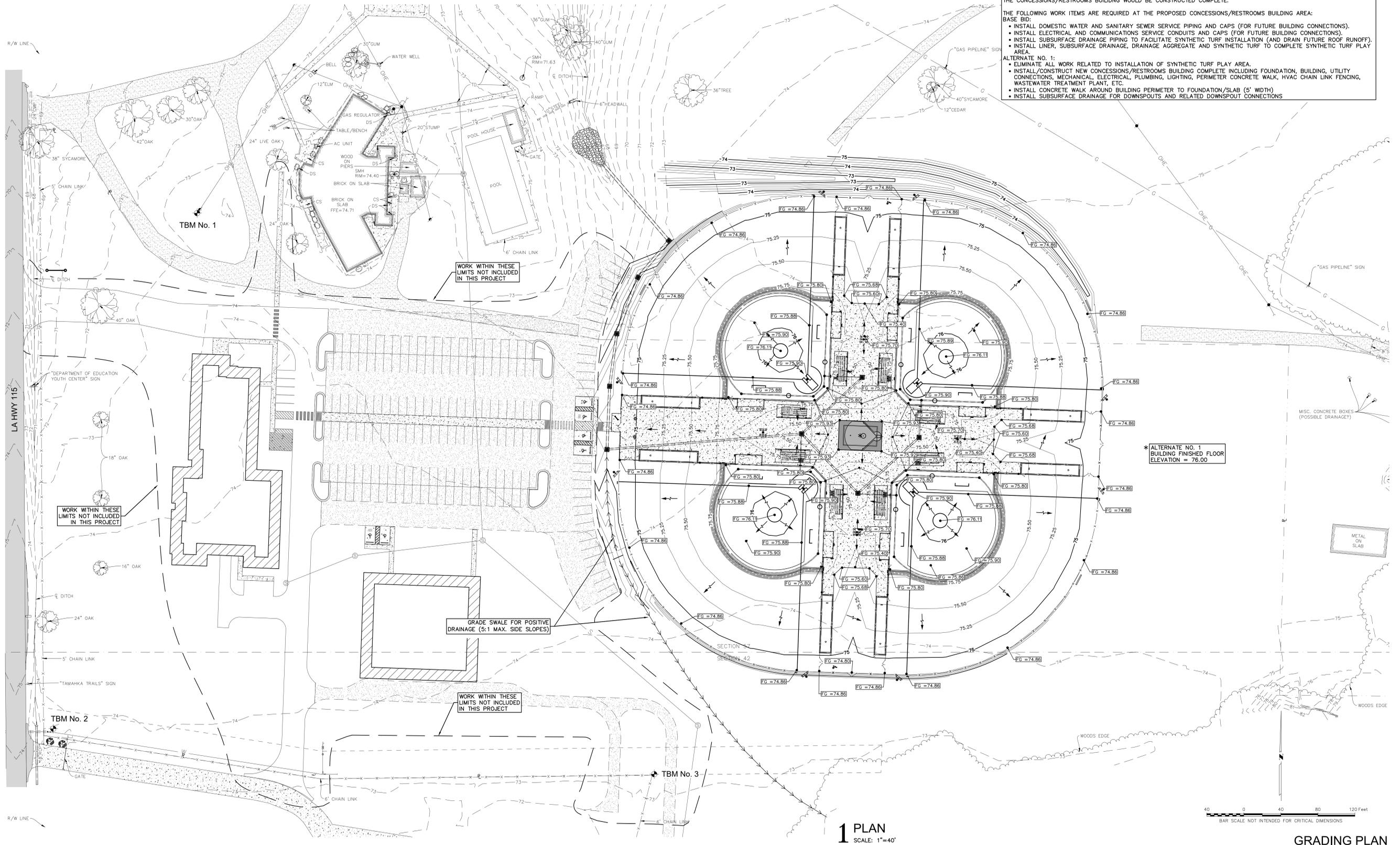
IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM DRAINAGE STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OF ANY DISCREPANCIES FROM THE INFORMATION SHOWN ON THE PLANS. ANY ADDITIONAL COST INCURRED DUE TO NON-VERIFICATION OF THESE EXISTING ITEMS SHALL BE AT THE CONTRACTOR'S EXPENSE.

#### ALTERNATE NO. 1 - CONCESSIONS/RESTROOMS BUILDING

FOR THE CONCESSIONS/RESTROOMS BUILDING AREA, THE BASE BID SHALL GENERALLY INCLUDE THE INSTALLATION OF UTILITIES, SUBSURFACE DRAINAGE AND A SYNTHETIC TURF PLAY AREA. CONCRETE WALK WOULD TERMINATE 5' PRIOR TO THE PERIMETER OF THE PROPOSED, FUTURE BUILDING. UNDER ALTERNATE NO. 1, THE SYNTHETIC TURF PLAY AREA WOULD BE DELETED AND THE CONCESSIONS/RESTROOMS BUILDING WOULD BE CONSTRUCTED COMPLETE.

THE FOLLOWING WORK ITEMS ARE REQUIRED AT THE PROPOSED CONCESSIONS/RESTROOMS BUILDING AREA:

- BASE BID:
- INSTALL DOMESTIC WATER AND SANITARY SEWER SERVICE PIPING AND CAPS (FOR FUTURE BUILDING CONNECTIONS).
  - INSTALL ELECTRICAL AND COMMUNICATIONS SERVICE CONDUITS AND CAPS (FOR FUTURE BUILDING CONNECTIONS).
  - INSTALL SUBSURFACE DRAINAGE PIPING TO FACILITATE SYNTHETIC TURF INSTALLATION (AND DRAIN FUTURE ROOF RUNOFF).
  - INSTALL LINER, SUBSURFACE DRAINAGE, DRAINAGE AGGREGATE AND SYNTHETIC TURF TO COMPLETE SYNTHETIC TURF PLAY AREA.
- ALTERNATE NO. 1:
- ELIMINATE ALL WORK RELATED TO INSTALLATION OF SYNTHETIC TURF PLAY AREA.
  - INSTALL/CONSTRUCT NEW CONCESSIONS/RESTROOMS BUILDING COMPLETE INCLUDING FOUNDATION, BUILDING, UTILITY CONNECTIONS, MECHANICAL, ELECTRICAL, PLUMBING, LIGHTING, PERIMETER CONCRETE WALK, HVAC CHAIN LINK FENCING, WASTEWATER TREATMENT PLANT, ETC.
  - INSTALL CONCRETE WALK AROUND BUILDING PERIMETER TO FOUNDATION/SLAB (5' WIDTH)
  - INSTALL SUBSURFACE DRAINAGE FOR DOWNSPOUTS AND RELATED DOWNSPOUT CONNECTIONS



1 PLAN  
 SCALE: 1"=40'



GRADING PLAN



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DRAWN BY: P.A.E.  
 DATE: 11/25

REVISION: DATE

CHECKED: T.C.D.

BOOK NO.: N/A

JOB NO.: 12719

DWG. NO.: 14672

SCALE: SHOWN

GRADING PLAN

OWNER: AVOUELLES PARISH POLICE JURY  
 PROJECT: AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
 5497 HIGHWAY 115  
 BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C6**

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THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



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### 3 STRUCTURE TABLE

Structure Name	Invert Elev.	Rim Elev.	Description
1	66.79	72.65	TYPE "A"
2	67.16	73.98	TYPE "A"
3	67.62	74.13	TYPE "A"
4	68.04	74.70	TYPE "A"
5	68.46	74.80	TYPE "A"
6	69.96	75.37	TYPE "A"
7	70.59	75.37	TYPE "A"
8	71.24	75.37	TYPE "A"
9	70.95	75.37	TYPE "A"
10	72.05	75.41	PIPE CONNECTOR
12	73.40	75.38	PIPE CONNECTOR
13	72.12	75.40	PIPE CONNECTOR
14	72.32	75.42	PIPE CONNECTOR
16	73.11	75.38	PIPE CONNECTOR

### 2 PIPE TABLE

Pipe Name	Size	Length	Slope	Invert Up	Invert Down	Notes
1	30	110	0.71%	66.79	66.00	NON-PERFORATED
2	30	53	0.71%	67.16	66.79	NON-PERFORATED
3	30	66	0.71%	67.62	67.16	NON-PERFORATED
4	24	58	0.71%	68.04	67.63	NON-PERFORATED
5	24	69	0.62%	68.46	68.04	NON-PERFORATED
6	18	211	0.71%	69.96	68.47	NON-PERFORATED
7	18	89	0.72%	70.60	69.96	NON-PERFORATED
8	18	90	0.72%	71.24	70.59	NON-PERFORATED
9	15	90	0.96%	70.09	70.95	NON-PERFORATED
10	12	41	0.98%	72.05	71.65	NON-PERFORATED
11	10	67	1.00%	73.40	72.74	PERFORATED
12	8	100	1.00%	74.40	73.40	PERFORATED
13	10	13	1.00%	72.17	72.05	PERFORATED
14	10	16	0.98%	72.32	72.17	PERFORATED
15	10	78	1.00%	73.11	72.32	PERFORATED
17	8	107	1.00%	74.17	73.11	PERFORATED

### ALTERNATE NO. 1 - CONCESSIONS/RESTROOMS BUILDING

FOR THE CONCESSIONS/RESTROOMS BUILDING AREA, THE BASE BID SHALL GENERALLY INCLUDE THE INSTALLATION OF UTILITIES, SUBSURFACE DRAINAGE AND A SYNTHETIC TURF PLAY AREA. CONCRETE WALK WOULD TERMINATE 5' PRIOR TO THE PERIMETER OF THE PROPOSED, FUTURE BUILDING. UNDER ALTERNATE NO. 1, THE SYNTHETIC TURF PLAY AREA WOULD BE DELETED AND THE CONCESSIONS/RESTROOMS BUILDING WOULD BE CONSTRUCTED COMPLETE.

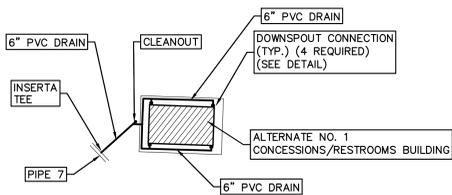
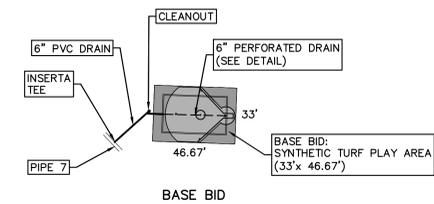
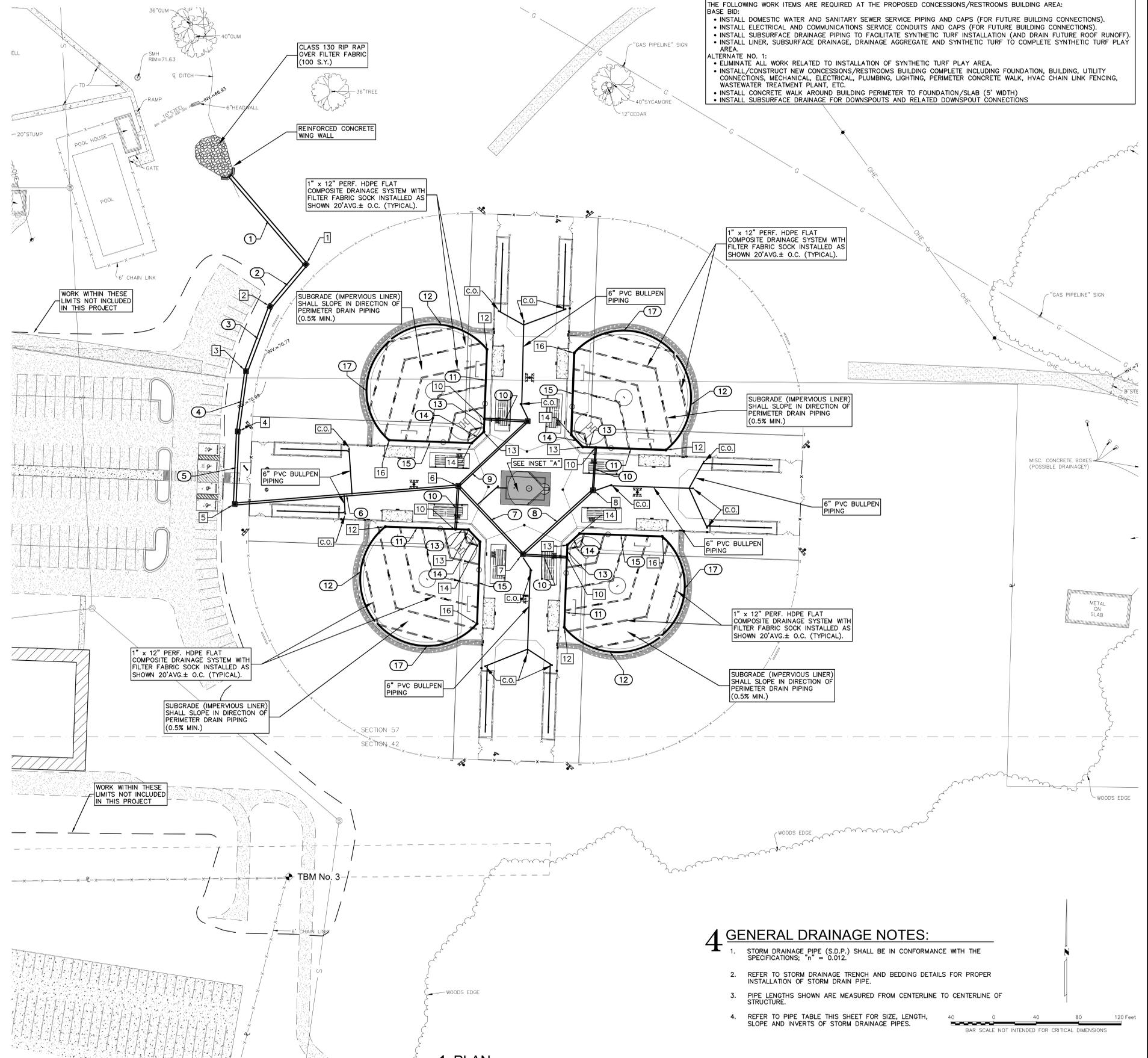
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- INSTALL CONCRETE WALK AROUND BUILDING PERIMETER TO FOUNDATION/SLAB (5' WIDTH)
- INSTALL SUBSURFACE DRAINAGE FOR DOWNSPOUTS AND RELATED DOWNSPOUT CONNECTIONS



### 5 INSET "A"

### 4 GENERAL DRAINAGE NOTES:

- STORM DRAINAGE PIPE (S.D.P.) SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS; "h" = 0.012.
- REFER TO STORM DRAINAGE TRENCH AND BEDDING DETAILS FOR PROPER INSTALLATION OF STORM DRAIN PIPE.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTERLINE TO CENTERLINE OF STRUCTURE.
- REFER TO PIPE TABLE THIS SHEET FOR SIZE, LENGTH, SLOPE AND INVERTS OF STORM DRAINAGE PIPES.



### 1 PLAN

SCALE: 1"=40'

### DRAINAGE PLAN

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 DATE: 11/25

CHECKED: T.C.D.  
 BOOK NO.: N/A  
 JOB NO.: 12719  
 DWG. NO.: 14672  
 SCALE: SHOWN

DRAINAGE PLAN

OWNER: AVOUELLES PARISH POLICE JURY  
 PROJECT: AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
 5497 HIGHWAY 115  
 BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C7**

## 5 "CAUTION - NOTICE TO CONTRACTOR"

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ALTERNATE NO. 1:

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- INSTALL SUBSURFACE DRAINAGE FOR DOWNSPOUTS AND RELATED DOWNSPOUT CONNECTIONS

## 4 GENERAL NOTES

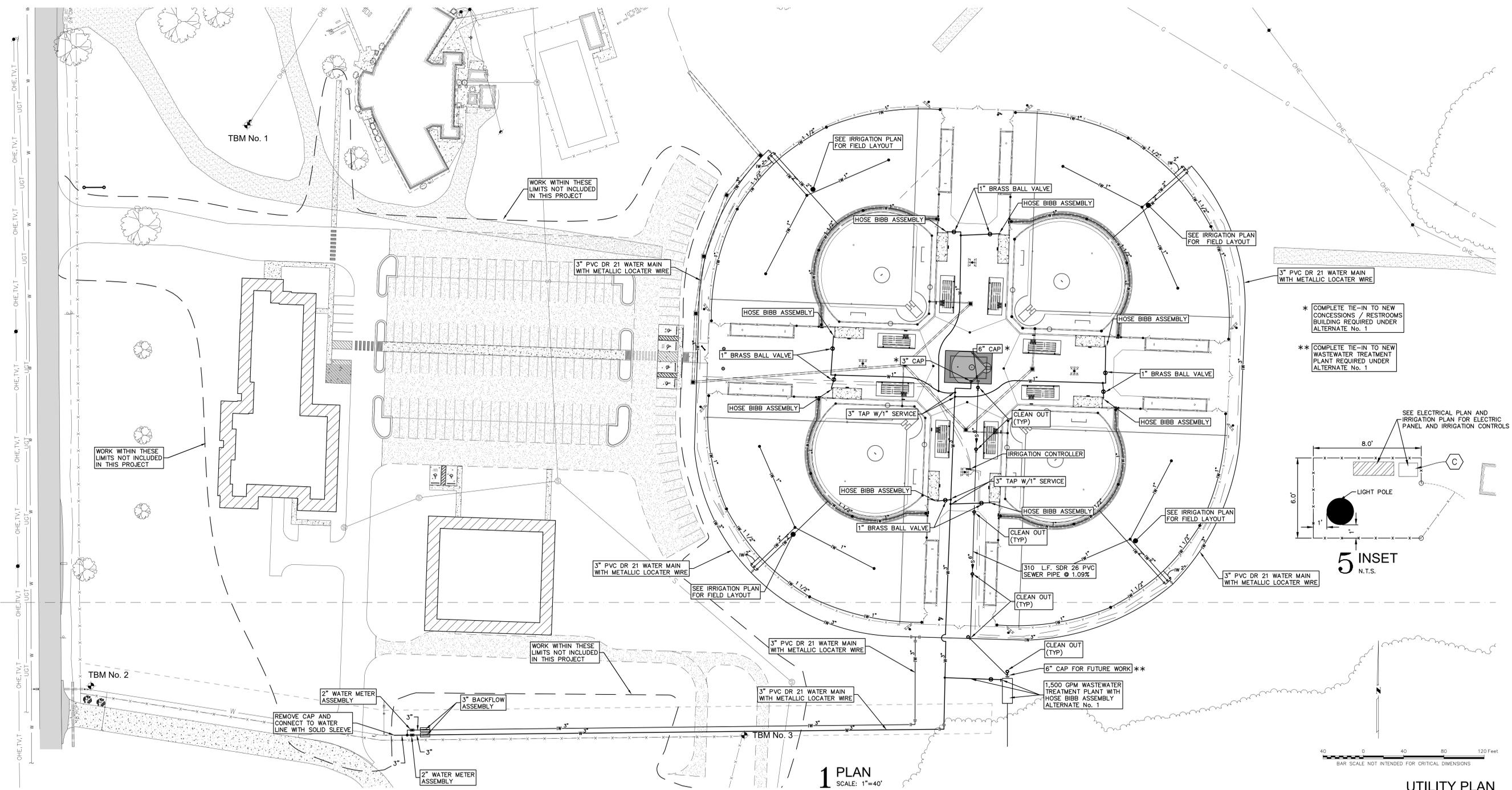
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER AND SEWER LINES SHALL BE SIX FEET (6') AND MINIMUM VERTICAL SEPARATION BETWEEN CROSSING WATER AND SEWER LINES SHALL BE EIGHTEEN INCHES (18") UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO INSTALL ALL UNDERGROUND UTILITIES/CONDUITS PRIOR TO INSTALLATION OF PAVEMENT BASE MATERIAL.
- DIMENSIONS SHOWN ARE TO CENTER LINE OF PIPE OR FITTING OR TO CENTERLINE OF MANHOLE.
- THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN PAVED AREAS SHALL MATCH FINISHED GRADE. THE TOP ELEVATION OF MANHOLES CONSTRUCTED IN GRASS AREAS SHALL BE SIX (6) INCHES ABOVE FINISHED GRADE (UNLESS OTHERWISE NOTED).
- CONTRACTOR SHALL REFER TO "M", "E" AND/OR "P" SERIES DRAWINGS FOR ACTUAL LOCATION AND DEPTH (SANITARY SEWER) OF UTILITY ENTRANCES INCLUDING SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, CABLE TELEVISION AND TELEPHONE SERVICES. CIVIL WORK SHOWN BEGINS AT 5' OUTSIDE OF BUILDING WALLS.
- CONTRACTOR SHALL COORDINATE INSTALLATIONS OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED. ADDITIONALLY, CONTRACTOR SHALL COORDINATE WITH THE CITY UTILITY DEPARTMENTS AS TO LOCATION AND SCHEDULING OF TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
- CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINK GROUT TO ENSURE CONNECTION IS WATERTIGHT.
- CONTRACTOR SHALL COORDINATE INSPECTION OF UTILITIES WITH APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES.
- CONSTRUCTION SHALL COMPLY WITH GOVERNING CODES AND REQUIREMENTS CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE UTILITY OWNER'S INSPECTING AUTHORITIES.
- SANITARY SEWER AND WATER LINES SHALL COMPLY WITH THE REQUIREMENTS AS OUTLINED IN THE SITE WORK SPECIFICATIONS.
- CONTRACTOR SHALL COMPLY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF NECESSARY PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM EXCAVATIONS AND TRENCHES. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
- UTILITY LINES SHALL BE INSTALLED AT DEPTHS AS REQUIRED BY THE SITEWORK SPECIFICATIONS AND UTILITY OWNER'S REQUIREMENTS. DEPTHS SHALL BE MAINTAINED FROM THE PROPOSED FINISHED GRADES NOT EXISTING GRADES.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL SERVICE, CABLE TELEVISION, DATA AND TELEPHONE LINE ROUTES (AS APPLICABLE) TO BUILDINGS.
- REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING AND TYPE/LOCATIONS OF SITE LIGHTING AND DISPLAY SIGNAGE.
- REFER TO IRRIGATION PLANS FOR ROUTING/LOCATIONS OF PIPING FOR IRRIGATION LINES.
- UTILITY LINES DEPICTED ON THESE DRAWINGS HAVE BEEN DEVELOPED FROM AN ON-SITE SURVEY AND OTHER SOURCES. THE UTILITY LINE LOCATIONS, BOTH HORIZONTAL AND VERTICAL AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL ASSUME ADDITIONAL UNDERGROUND UTILITY LINES MAY EXIST AND ARE NOT SHOWN ON THESE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO BEGINNING ANY CONSTRUCTION OR DIGGING OPERATIONS, TO VERIFY THE ACCURATE LOCATIONS OF THE UTILITY LINES AND STRUCTURES SHOWN ON THESE DRAWINGS AND OTHER OBSTRUCTIONS NOT DEPICTED ON THESE DRAWINGS BY HAVING A VERIFICATION AND PHYSICAL EXAMINATION ABOVE AND BELOW GROUND PERFORMED IN THE FIELD BY SOMEONE FAMILIAR WITH THIS TYPE OF CONSTRUCTION.

## 2 LEGEND

- 2" W 2" / 3" PROPOSED PVC IRRIGATION WATER LINE
- 3" W 3" / 3" PROPOSED PVC WATER MAIN
- 6" W 6" / 3" MAIN WITH METALLIC LOCATOR WIRE
- 1" W 1" / 3" PROPOSED PVC WATER SERVICE
- 1" W 1" / 3" MAIN WITH METALLIC LOCATOR WIRE
- 6" S 6" / 3" PROPOSED PVC GRAVITY SEWER SERVICE
- 8" S 8" / 3" MAIN WITH METALLIC LOCATOR WIRE
- HOSE BIBB ASSEMBLY
- IRRIGATION CONTROLLER AND CONDUIT (RE:)
- IRRIGATION CONTROLLER WIRE

## 3 IRRIGATION NOTES

ALL CONTROL WIRES FROM THE CONTROLLER TO THE VALVES SHALL BE DIRECT BURIAL CABLE AND ALL WIRE SPLICES SHALL BE MADE IN VALVE BOXES ONLY USING 3M DBY OR DBR WATERPROOF CONNECTORS. USE UF-12/1 WHITE WIRE FOR THE "COMMON" AND UF-14/1 RED WIRE FOR THE "CONTROL" WIRING. CONTRACTOR SHALL PROVIDE 120VAC, SINGLE PHASE POWER FOR THE CONTROLLERS.



1 PLAN  
SCALE: 1"=40'

5 INSET  
N.T.S.

UTILITY PLAN



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UTILITY PLAN

OWNER: AVOUELLES PARISH POLICE JURY  
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5497 HIGHWAY 115  
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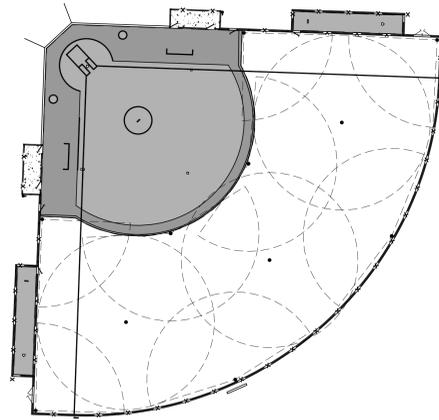


## 5 GENERAL UTILITY NOTES

1. THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER AND SEWER LINES SHALL BE SIX (6') FEET, AND MINIMUM VERTICAL SEPARATION BETWEEN CROSSING WATER AND SEWER LINES SHALL BE EIGHTEEN (18) INCHES.
2. DIMENSIONS SHOWN ARE TO CENTER LINE OF PIPE OR FITTING.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE CITY UTILITY DEPARTMENTS AS TO LOCATION AND SCHEDULING OF TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
4. CONSTRUCTION SHALL COMPLY WITH GOVERNING CODES AND REQUIREMENTS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE UTILITY COMPANIES AND OWNER'S INSPECTING AUTHORITIES PRIOR TO COVERING TRENCHES.
5. IRRIGATION WATER LINES SHALL COMPLY WITH THE REQUIREMENTS AS OUTLINED IN THE SITWORK SPECIFICATIONS.
6. CONTRACTOR SHALL COMPLY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM EXCAVATIONS AND TRENCHES. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
7. UTILITY LINES SHALL BE INSTALLED AT DEPTHS AS REQUIRED BY THE SITWORK SPECIFICATIONS AND UTILITY OWNER'S REQUIREMENTS. DEPTHS SHALL BE MAINTAINED FROM THE PROPOSED FINISHED GRADES AND NOT EXISTING GRADES.

## 4 IRRIGATION NOTES

1. THE IRRIGATION DESIGN IS DIAGRAMMATIC. THE INTENT OF THE DRAWINGS IS TO SHOW THE GENERAL LAYOUT AND LOGIC OF THE SYSTEM. SCALED MEASUREMENTS MAY NOT BE ACCURATE. ACTUAL LOCATIONS AND QUANTITIES OF PIPE AND FITTINGS MAY VARY DUE TO FIELD ADJUSTMENTS FOR EXISTING CONDITIONS AND OTHER OBSTRUCTIONS TO PROVIDE THE PROPER AND INTENDED COVERAGE.
2. THE CONTRACTOR SHALL VERIFY ADEQUATE WATER FLOWS AND PRESSURES FOR OPERATING THIS SYSTEM BEFORE INSTALLATION BEGINS.
3. PRIOR TO ORDERING AND/OR INSTALLATION OF ANY EQUIPMENT, THE CONTRACTOR SHALL INSURE THAT THE IRRIGATION SYSTEM WILL PROVIDE COMPLETE "HEAD TO HEAD" COVERAGE AT THE FLOWS AND PRESSURES AS INDICATED HEREON. COMPLETE AND ACCEPTED SYSTEM AS APPROVED AND BY THE OWNER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL MODIFICATIONS TO THE IRRIGATION SYSTEM DUE TO FIELD CONDITIONS AND OR CONSTRUCTION MODIFICATIONS SHALL BE COORDINATED WITH THE ENGINEER IN THE FIELD.
5. REFER TO SPECIFICATIONS FOR PIPE AND FITTING REQUIREMENTS.
6. ALL CONTROL WIRES FROM THE CONTROLLER TO THE VALVES SHALL BE DIRECT BURIAL CABLE AND ALL WIRE SPICES SHALL BE MADE IN VALVE BOXES ONLY USING 3M DBY OR DBR WATERPROOF CONNECTORS. USE UF-12/1 WHITE WIRE FOR THE "COMMON" AND UF-14/1 RED WIRE FOR THE "CONTROL" WIRING.
7. CONTRACTOR SHALL PROVIDE 120VAC, SINGLE PHASE POWER FOR THE CONTROLLERS.
8. WINTERIZATION SHALL BE DONE BY "AIR BLOW OUT" METHOD.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES CAUSED TO ALL MARKED (AND/OR CURRENTLY VISIBLE) UTILITIES DURING THE IRRIGATION INSTALLATION.
10. EXISTING IRRIGATION PIPING/COMPONENTS ENCOUNTERED DURING THE INSTALLATION OF THE NEW IRRIGATION SYSTEM SHALL BE REMOVED AND/OR CUT AND CAPPED AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
11. ALL IRRIGATION PIPING TO BE BURIED A MIN. OF 12" BELOW THE FINISHED GRADE.
12. IRRIGATION LINES INSTALLED UNDER PAVEMENT AND/OR FIELD AMENITIES SHALL BE BORED AND JACKED AS REQUIRED.
13. REFER TO GENERAL IRRIGATION DETAILS FOR REQUIRED MANUAL DRAIN VALVES.
14. DESIGN BASED ON RAINBIRD FALCON 6504 IRRIGATION HEADS W/#10 NOZZLES.

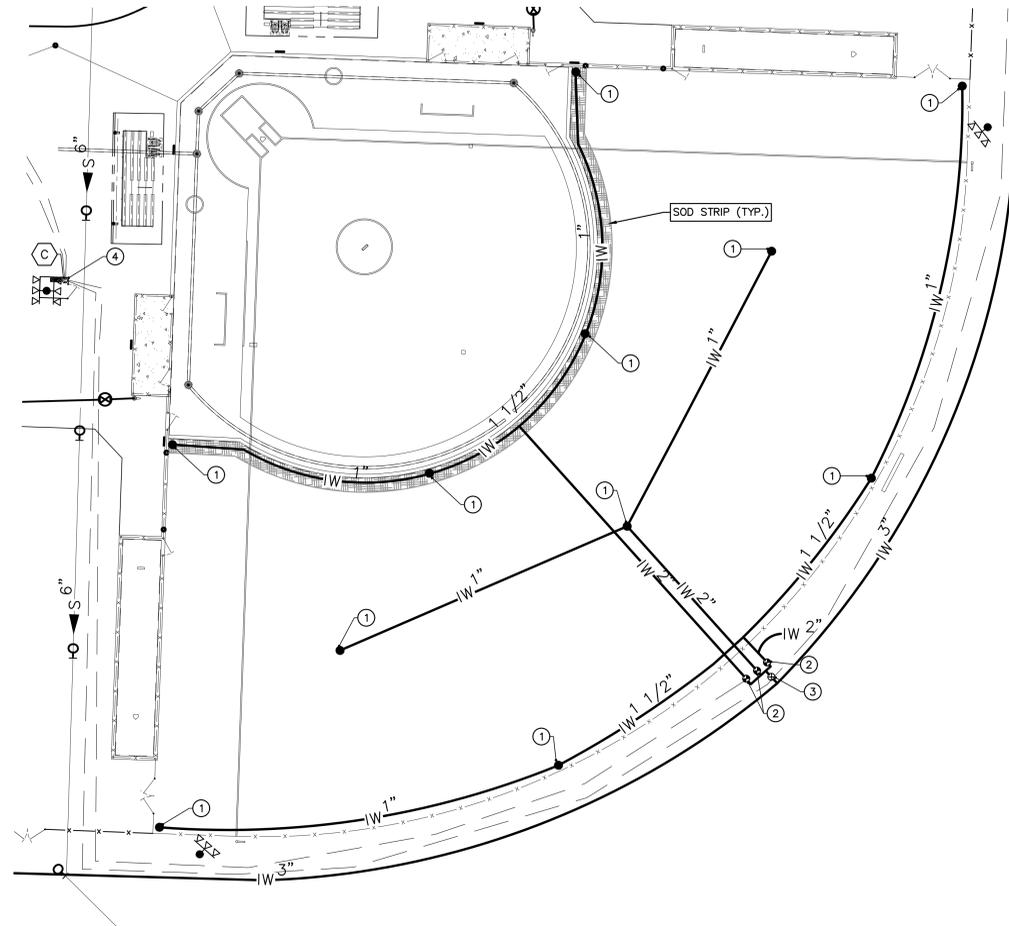


NOTE:  
CONTRACTOR TO ADJUST HEAD SPRAY PATTERNS AS REQUIRED FOR OPTIMUM COVERAGE.

**2 SPRINKLER HEAD SPRAY DIAGRAM**  
SCALE: 1"=50'

## 3 IRRIGATION LEGEND

- - 
  - 
  - 
  - 
  -
- IRRIGATION WATER LINE AND SIZE  
IRRIGATION CONTROLLER WIRE  
IRRIGATION HEAD (TYP)  
IRRIGATION SOLENOID VALVE  
IRRIGATION GATE VALVE  
IRRIGATION SYSTEM CONTROLLER (RE: SHOWN ON UTILITY PLAN LOCATED ON ELECTRICAL RACK)



**1 FIELD IRRIGATION PLAN (TYP.)**  
SCALE: 1" = 20'

20 0 20 40 60 Feet  
BAR SCALE NOT INTENDED FOR CRITICAL DIMENSIONS



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DATE: 11/25

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JOB NO.	12719

DWG. NO. 14672  
SCALE SHOWN

IRRIGATION PLAN

OWNER: AVOUELLES PARISH POLICE JURY  
PROJECT: AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

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IRRIGATION PLAN

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SCALE NOTE  
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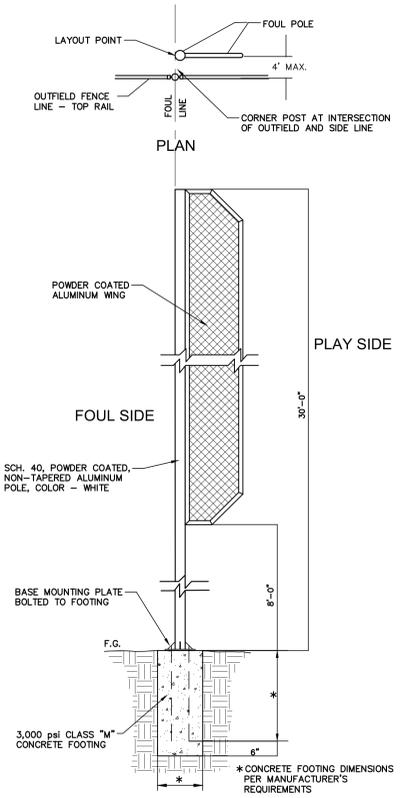


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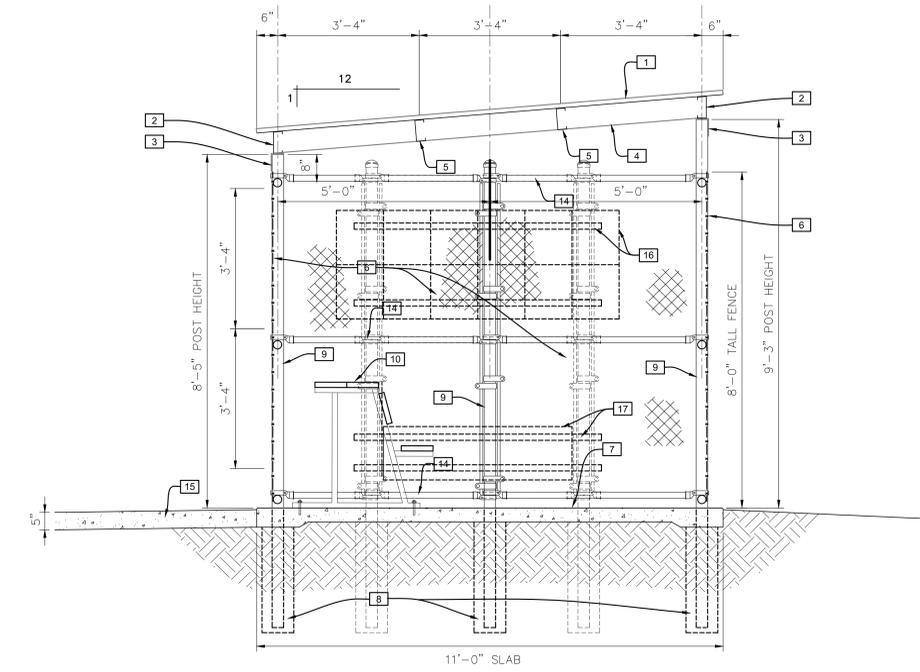
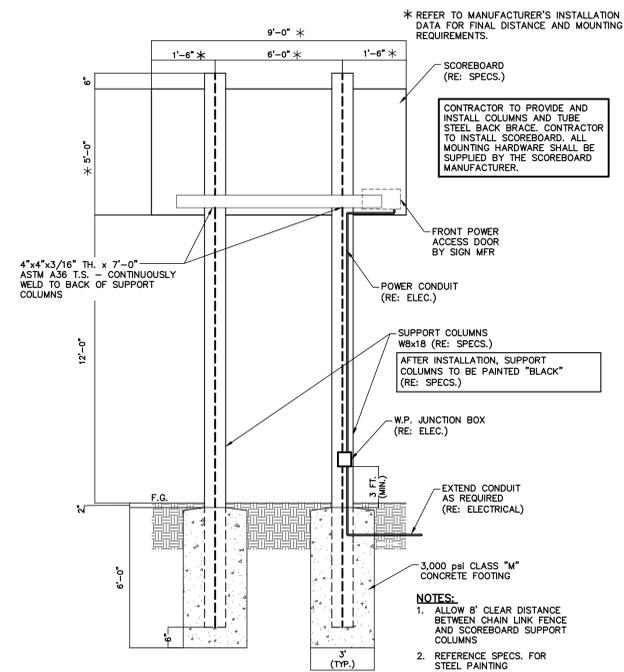
### 5 FOUL BALL POLE DETAIL

N.T.S.



### 4 SCOREBOARD DETAILS

N.T.S.

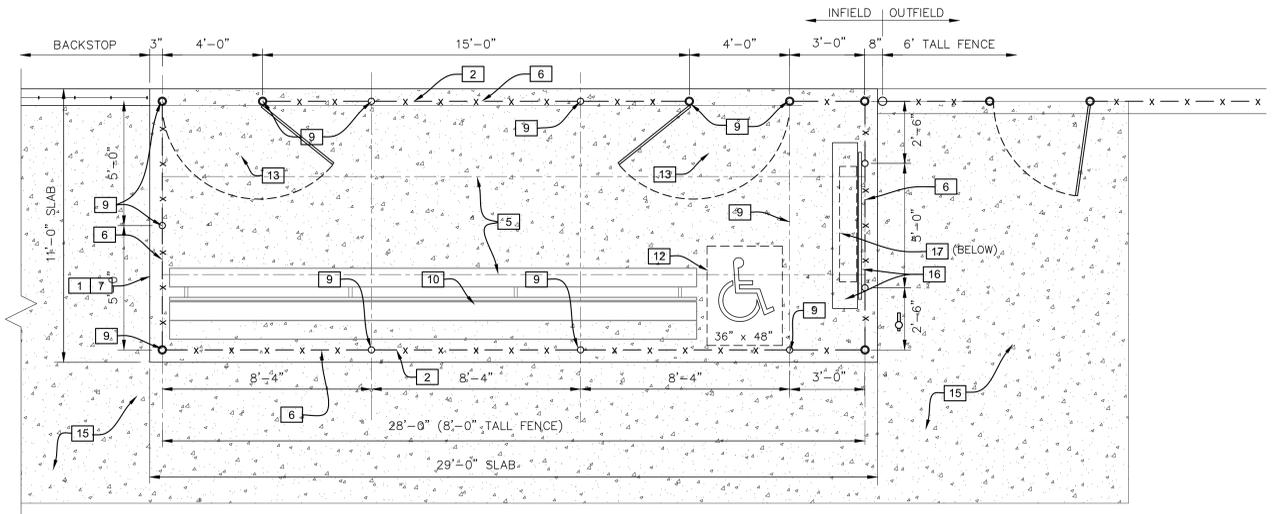


### 3 DUGOUT SECTION "A"

N.T.S.

### 2 DUGOUT KEYNOTES

- 1 PRE-FINISHED KYNAR METAL R-PANELS FOR ROOF. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURER. COLOR SELECTED BY ENGINEER.
- 2 6"x16 GAUGE EAVE STRUT, ANCHORED TO CLIP ANGLE W/ TWO 3/8" MACHINE BOLTS & PAINTED.
- 3 5"x3-1/2"x6" CLIP ANGLES ANCHORED TO CHAIN-LINK FENCE POST OR BACKSTOP POST W/ A 1/2" MACHINE BOLT & PAINTED.
- 4 6"x16 GAUGE CHANNEL RAFTERS AT EACH POST, PAINTED.
- 5 6"x16 GAUGE CHANNEL PURLINS BETWEEN RAFTERS, PAINTED.
- 6 8'-0" TALL VINYL COATED CHAIN-LINK FENCE
- 7 4" THICK REINFORCED CONCRETE SLAB REINFORCED W/ 6x6 W2.9x2.9 (6/6) WELDED WIRE FABRIC, THICKEN EDGES TO 5-1/2".
- 8 36" DEEP x 12" DIAMETER CONCRETE FENCE POST FOUNDATIONS.
- 9 3" DIAMETER SCHEDULE 40 VINYL COATED POSTS.
- 10 21' LONG ALUMINUM PLAYERS BENCH W/ BACK REST AND 20" WIDE SHELF. MODEL NO. PBS-10 BY JAYPRO SPORTS OR APPROVED EQUAL. SURFACE MOUNT W/ WEDGE-TYPE EXPANSION ANCHOR BOLTS INTO CONCRETE PAVING USING 2 - 3/8" ANCHOR BOLTS PER LEG (RE: SPECS.).
- 11 7.5' LONG ALUMINUM SCORER'S TABLE W/ 19" WIDE SHELF. MODEL NO. ST75 BY JAYPRO SPORTS OR APPROVED EQUAL. SURFACE MOUNT W/ WEDGE-TYPE EXPANSION ANCHOR BOLTS INTO CONCRETE PAVING USING 2 - 3/8" ANCHOR BOLTS PER LEG (RE: SPECS.).
- 12 36" x 48" ADA SPACE REQUIRED PER CODE.
- 13 4' PEDESTRIAN GATE (RE: SEE SHEET C25)
- 14 VINYL COATED TOP, MID AND BOTTOM RAIL
- 15 5" THICK SIDEWALK W/ 6x6 W2.9x2.9 (6/6) WELDED WIRE FABRIC
- 16 HELMET RACK MOUNTED ON UNISTRUT RACK
- 17 BAT RACK MOUNTED ON UNISTRUT RACK



### 1 RIGHT FIELD DUGOUT PLAN

N.T.S. (OPP. HAND FOR LEFT FIELD DUGOUT)

DUGOUT DETAILS



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BOOK NO.	N/A
JOB NO.	12719

DWG. NO. 14672  
 SCALE SHOWN

DUGOUT DETAILS

OWNER AVOUELLES PARISH POLICE JURY  
 PROJECT AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
 5197 HIGHWAY 115  
 BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**C11**

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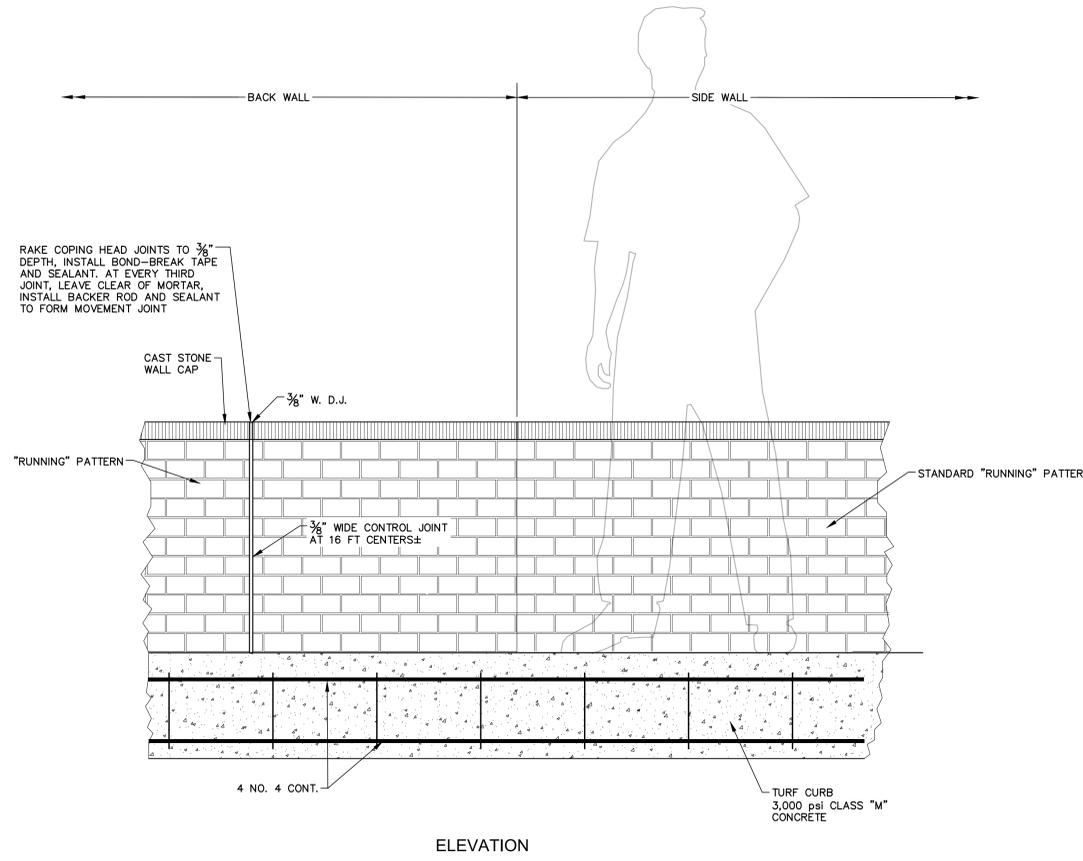
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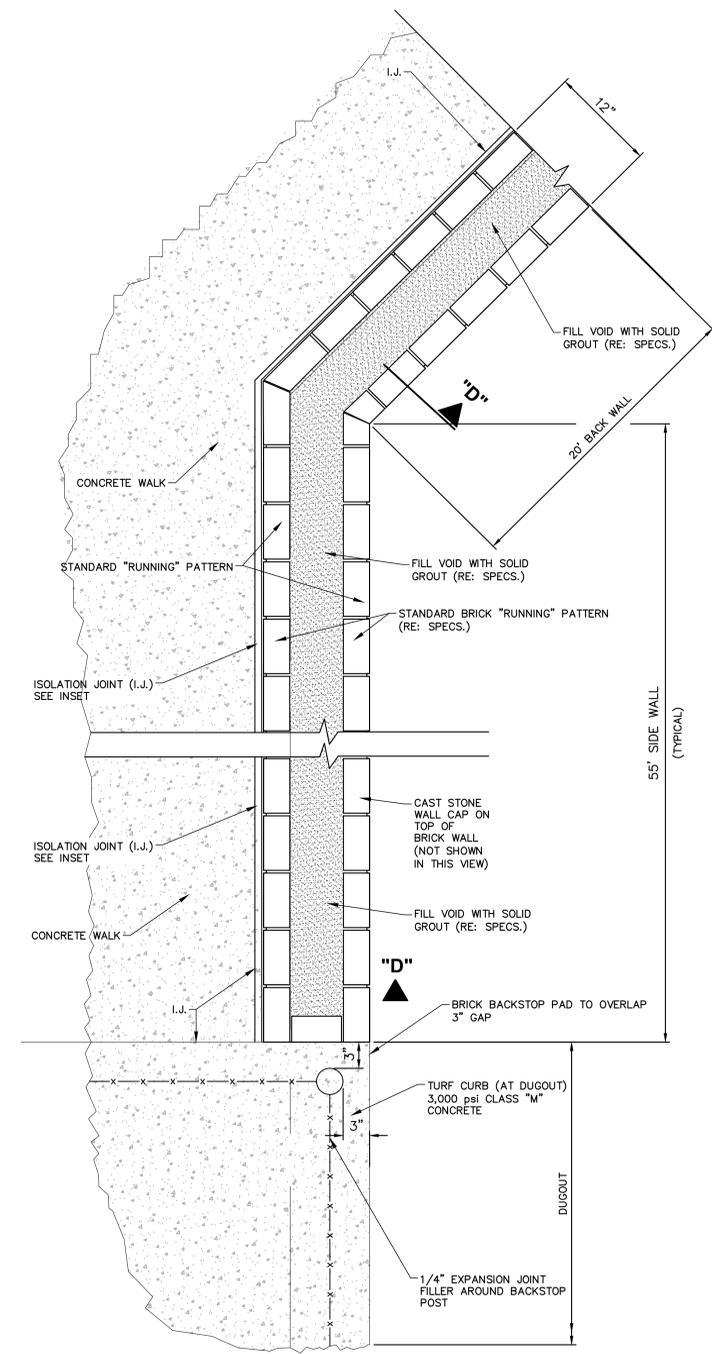
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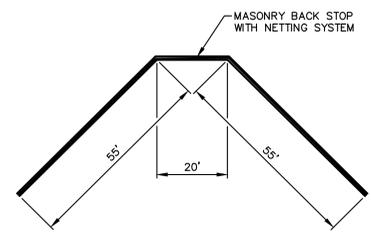




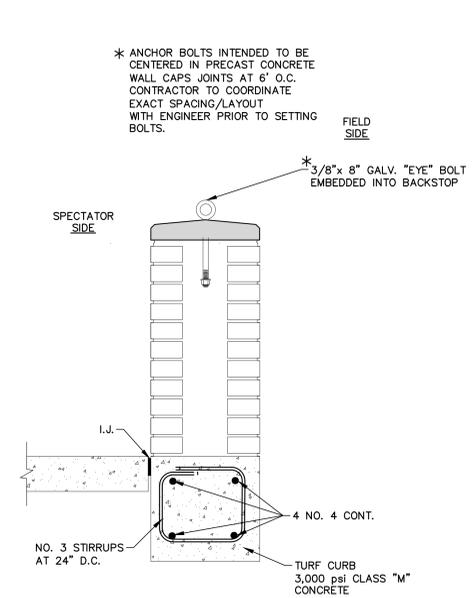
ELEVATION



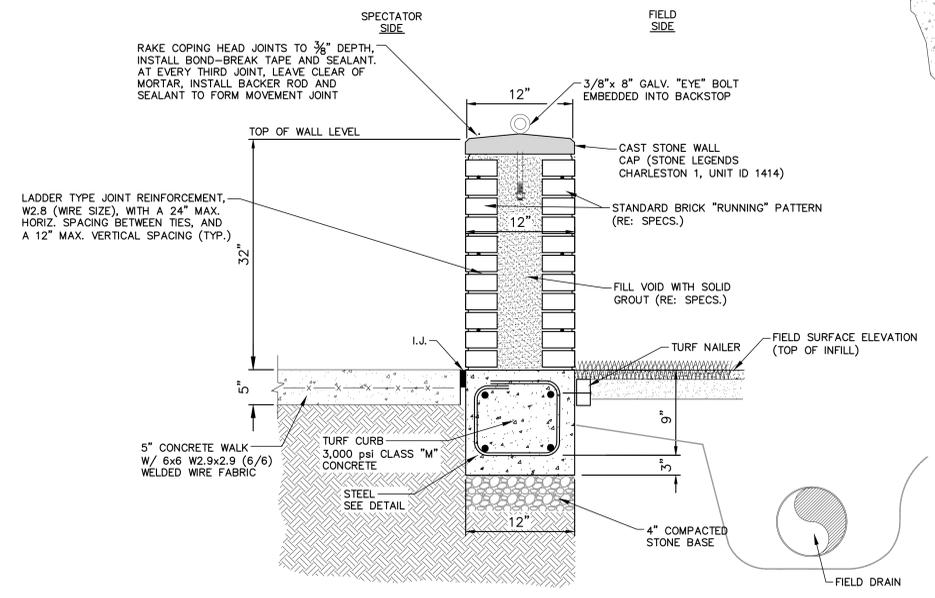
TYPICAL PLAN



BACKSTOP WALL PLAN



EYEBOLT / STEEL DETAIL



SECTION "D" (AT DUGOUT POST)

**1 MASONRY BACKSTOP DETAILS**  
SCALE: N.T.S.



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BACKSTOP WALL DETAIL

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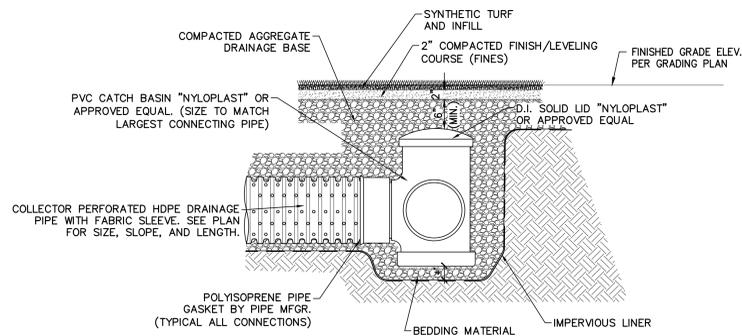
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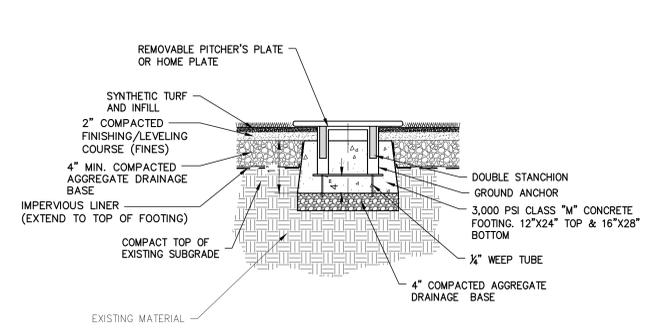






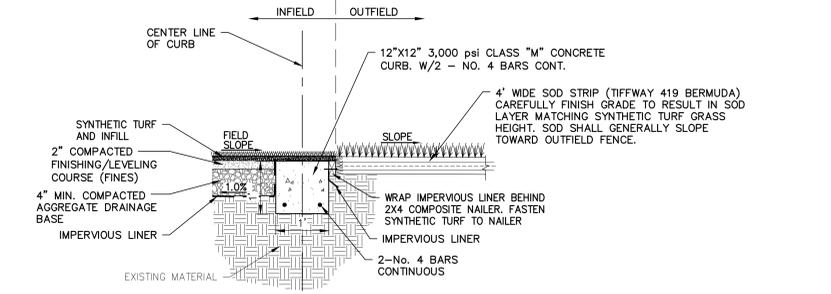
**10**  
N.T.S.  
**PIPE CONNECTOR**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



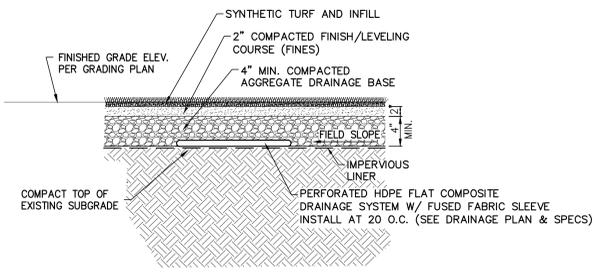
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**SECTION AT PLATES**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



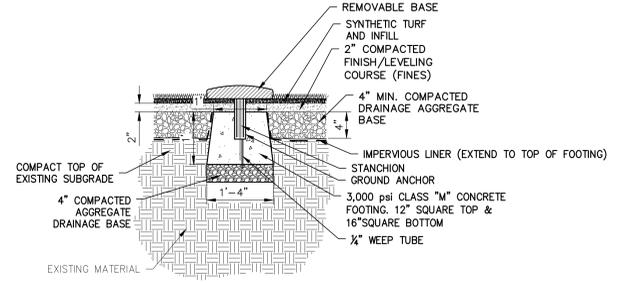
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N.T.S.  
**TURF CURB SECTION AT INFIELD / OUTFIELD TRANSITION**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



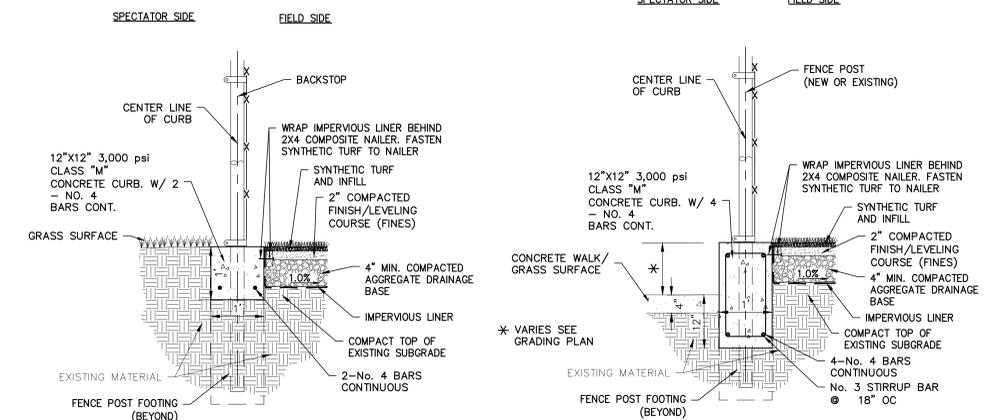
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N.T.S.  
**FLAT DRAIN SECTION**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



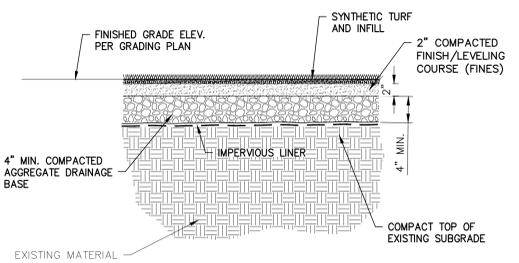
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N.T.S.  
**SECTION AT BASE**

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RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



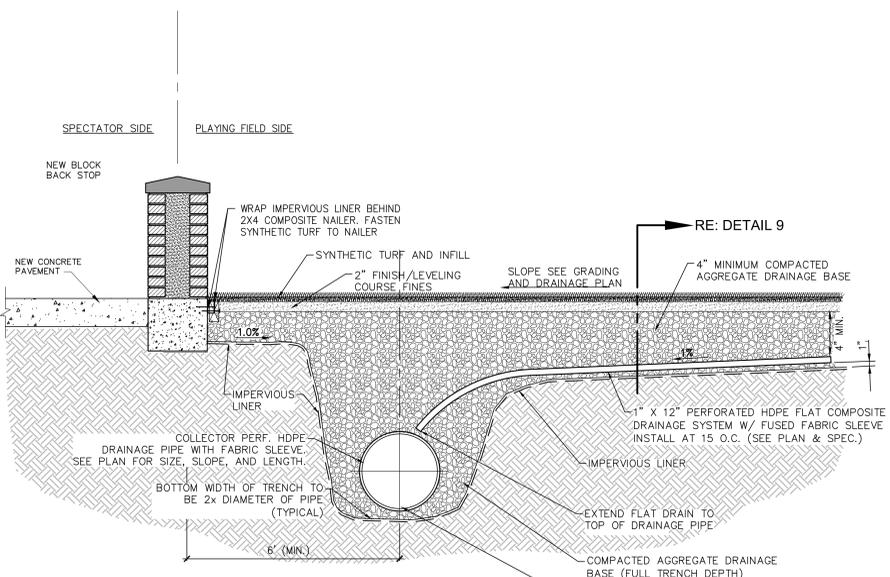
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N.T.S.  
**TURF CURB SECTION AT FENCE**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



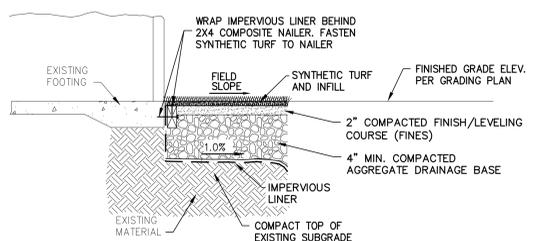
**5**  
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**TURF SECTION (TYPICAL)**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



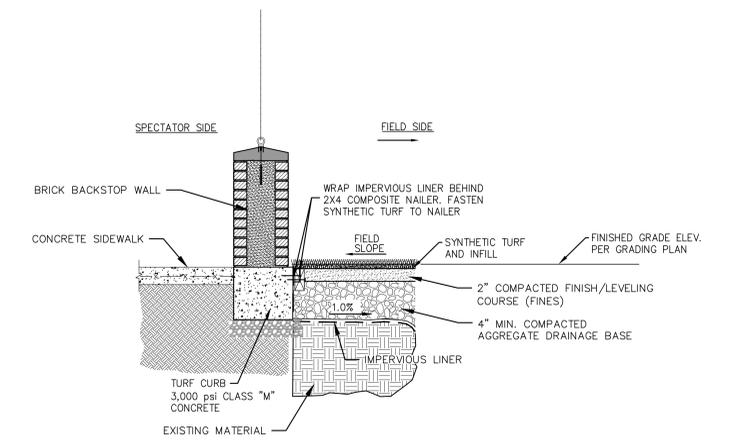
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N.T.S.  
**COLLECTOR PIPE DETAIL**

RE: SPECS SECTION 02724 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 02790 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



**4**  
N.T.S.  
**TURF SECTION AT SLAB / STRUCTURE**

RE: SPECS SECTION 32 11 23.13 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 32 18 23.19 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



**1**  
N.T.S.  
**TURF SECTION AT BACKSTOP**

RE: SPECS SECTION 02724 FOR FIELD DRAINAGE CONSTRUCTION MATERIALS  
RE: SPECS SECTION 02790 FOR FIELD SYNTHETIC TURF CONSTRUCTION MATERIALS



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DWG. NO. 14672  
SCALE: SHOWN

SYNTHETIC TURF DETAILS

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PROJECT: AVOUELLES PARISH RECREATION & EDUCATION COMPLEX  
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SYNTHETIC TURF DETAILS

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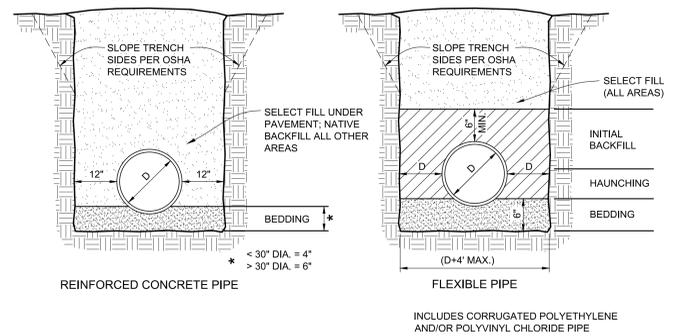
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DRAWN BY P.A.E.  
 DATE 11/25

REVISION	DATE

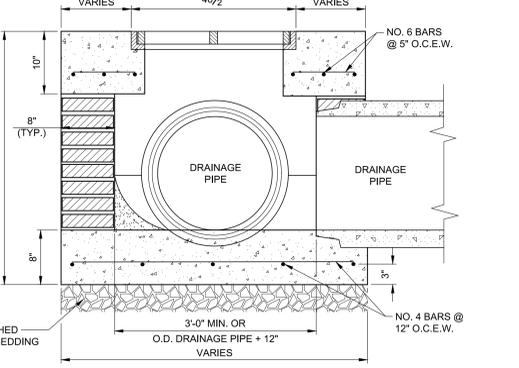
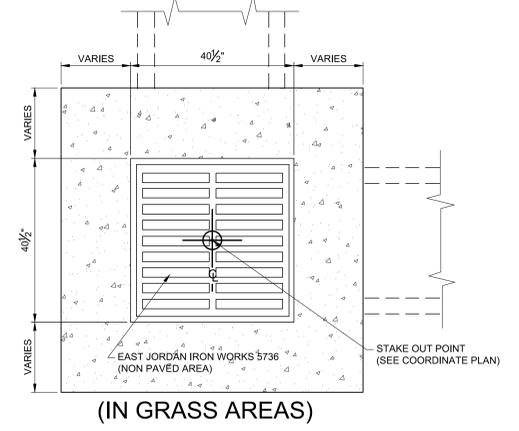
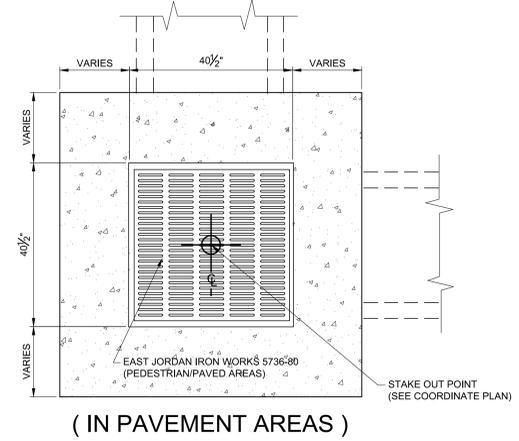
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 BOOK NO. N/A  
 JOB NO. 12719

DWG. NO. 14672  
 SCALE SHOWN

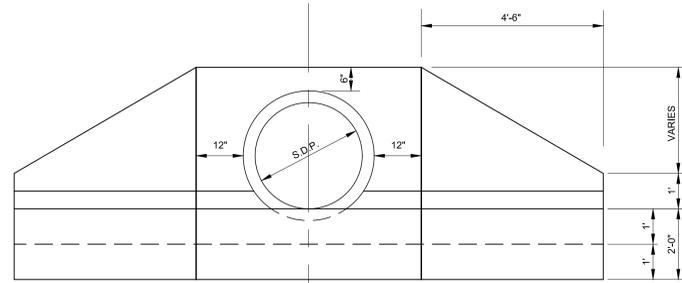


- NOTES:
- REFER TO SECTION 31 23 33 OF THE SITEMARK SPECIFICATIONS FOR REQUIREMENTS ON TRENCH EXCAVATION.
  - BEDDING SHALL BE GRAVEL (LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES-2006 EDITION, SECTION 1003.08) COMPACTED TO 95% STANDARD PROCTOR AT ±3% OPTIMUM MOISTURE CONTENT (ASTM D698) AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
  - HAUNCHING AND INITIAL BACKFILL MATERIAL FOR FLEXIBLE PIPE SHALL BE CLASS I OR II GRANULAR (REF. ASTM D2321) SHALL HAVE A VOID RATIO EQUAL TO OR LESS THAN THAT OF THE BEDDING MATERIALS AND SHALL BE COMPACTED TO 98% STANDARD PROCTOR AT ±3% OPTIMUM MOISTURE CONTENT (ASTM D698).
  - BEDDING, HAUNCHING, INITIAL BACKFILL AND SELECT FILL SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS.
  - SELECT FILL MATERIAL SHALL BE FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS. HAVE A MAXIMUM PARTICLE SIZE OF LESS THAN 3" AND HAVE A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX BETWEEN 8 AND 20.
  - SELECT FILL SHALL BE PLACED IN 8" MAX. LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR (PAVED AREAS) OR 92% STANDARD PROCTOR (NON-PAVED AREAS) AT -1% TO +3% OF OPTIMUM

**2 PIPE EMBEDMENT DETAIL**  
 N.T.S.

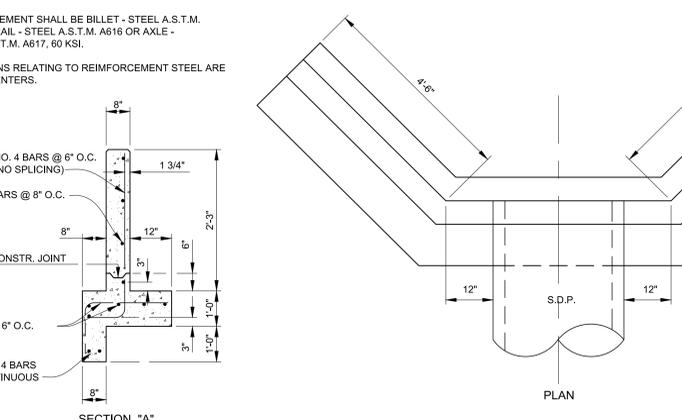


**3 CONCRETE CATCH BASIN (TYPE "A")**  
 N.T.S.

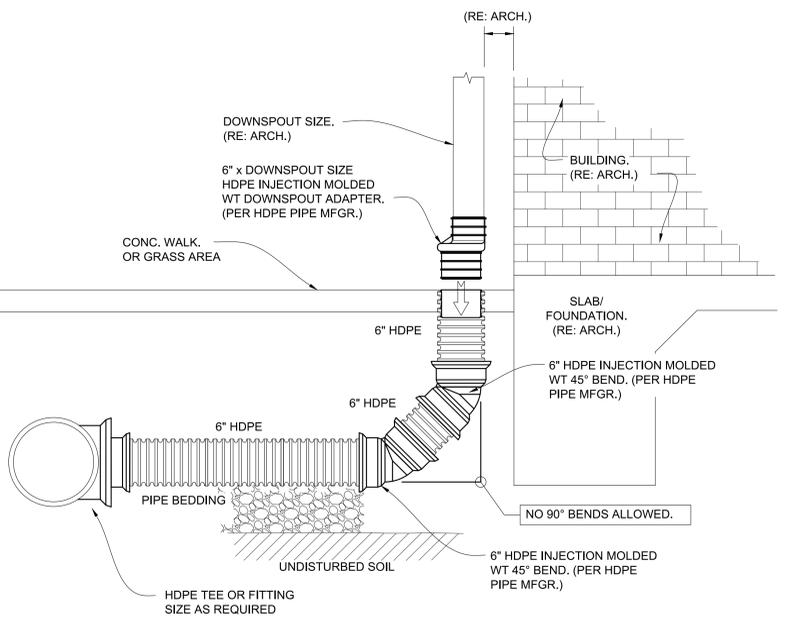


CONCRETE NOTES

- ALL CONCRETE TO BE CLASS "A"
- ALL EXPOSED CORNERS TO HAVE A 3/4" CHAMFERED EDGE UNLESS OTHERWISE NOTED.
- REINFORCEMENT SHALL BE BILLET - STEEL A.S.T.M. A615, OR RAIL - STEEL A.S.T.M. A616 OR AXLE - STEEL A.S.T.M. A617, 60 KSI.
- DIMENSIONS RELATING TO REINFORCEMENT STEEL ARE TO BAR CENTERS.



**1 REINFORCED CONCRETE WING WALL DETAIL**  
 N.T.S.



**4 ROOF DRAIN DOWNSPOUT CONNECTION (ALTERNATE NO. 1)**  
 NOT TO SCALE

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THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



CALL LOUISIANA ONE CALL - JUST DIAL 811  
 LOUISIANA STATE LAW, SECTION 8:401(4)(A), REQUIRES EXCAVATORS AND DEMOLISERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

THESE DRAWINGS DO NOT INCLUDE COMPONENTS FOR CONSTRUCTION SAFETY.

SCALE NOTE  
 SCALE BAR SHOWN IS ONE INCH LONG AT FULL SCALE WHEN SCALING DRAWINGS. MEASURE BAR TO DETERMINE IF SCALE SHOWN WILL REQUIRE ADJUSTING.



**PAN AMERICAN ENGINEERS, LLC**  
 1717 JACSON STREET (71301)  
 P.O. BOX 8509 (71308)  
 ALEXANDRIA, LA.

DRAINAGE DETAILS

OWNER AVOYELLES PARISH POLICE JURY  
 PROJECT AVOYELLES PARISH RECREATION & EDUCATION COMPLEX  
 5197 HIGHWAY 115  
 BUNKIE LOUISIANA 71322

SHEET NUMBER  
**C20**

DRAINAGE DETAILS

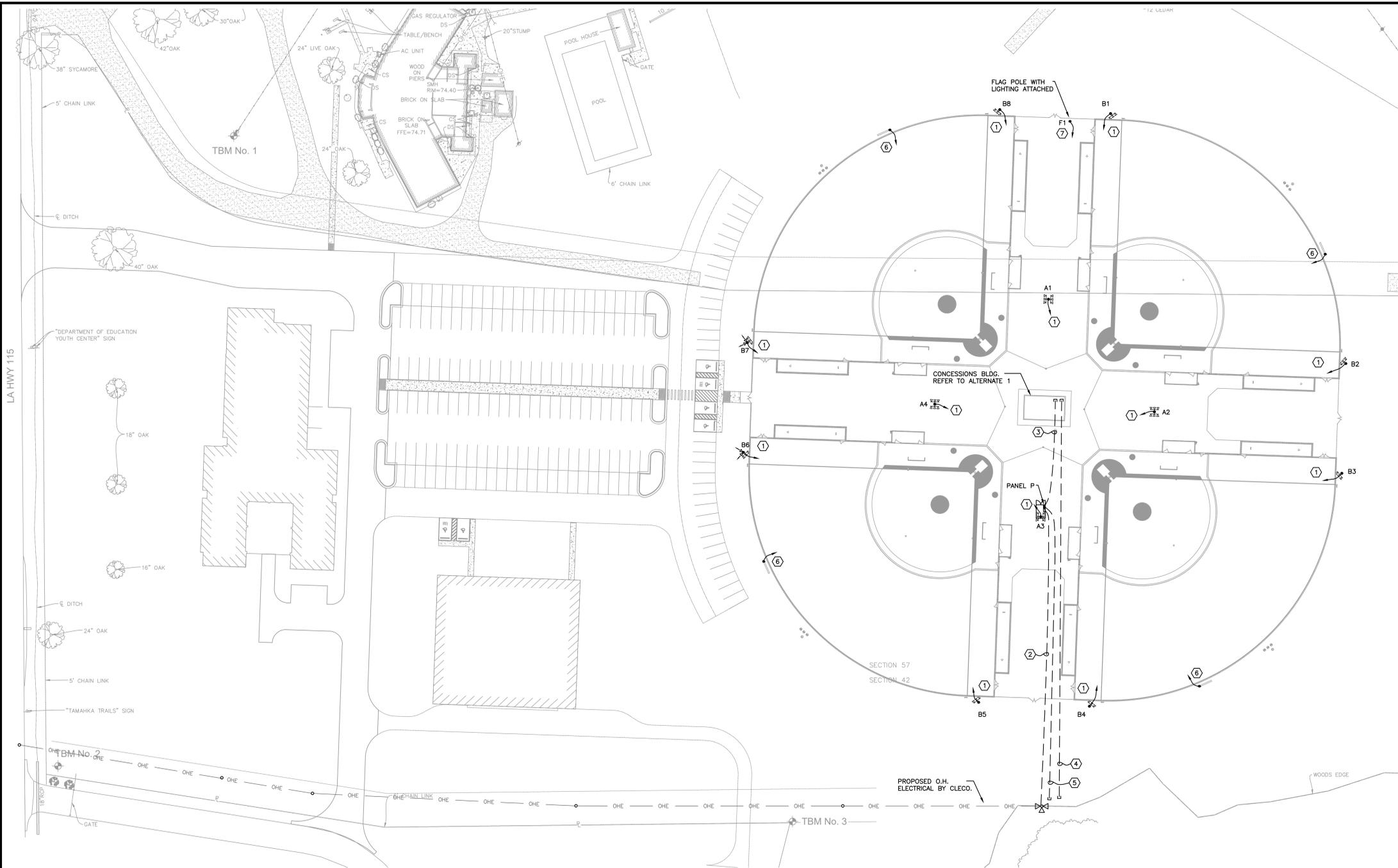












**GENERAL NOTES**

- CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS). CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS TO OWN SATISFACTION PRIOR TO BID. NOTIFY ENGINEER OF ANY CONFLICTS REQUIRING CLARIFICATION PRIOR TO BID.
- REFER TO ELECTRICAL DIVISION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- "PROVIDE" SHALL MEAN "FURNISH AND INSTALL" WHEN USED.
- AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION (AHJ).
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES AND WITH ALL APPLICABLE UTILITY COMPANIES.
- COORDINATE SCHEDULING OF ALL POWER OUTAGES WITH OWNER A MINIMUM OF 72 HOURS IN ADVANCE.
- ALL WIRING SHALL BE COPPER, WITH MINIMUM SIZE OF #10 AWG.
- CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.
- CONDUIT INSTALLED ABOVE GRADE SHALL BE RIGID METAL.

**ELECTRICAL SITE PLAN NOTES**

- CONNECT LIGHT POLE TO BREAKER IN PANEL "P" THROUGH BALL FIELD LIGHTING CONTROLLER, WITH 2#4 & 1#8 GRND THROUGHOUT ENTIRE CIRCUIT IN 1" SCH. 40 PVC CONDUIT.
- UNDERGROUND ELECTRICAL SERVICE CONDUITS. REFER TO RISER DIAGRAM.
- ONE EMPTY 1 1/2" CONDUIT WITH PULL STRING STUBBED OUT AND CAPPED AS PART OF BASE BID. CONNECT CONDUIT TO CONCESSIONS BLDG PANEL "C" AND INSTALL CONDUCTORS AS DIRECTED IN ALTERNATE #1.
- TWO EMPTY 2" CONDUIT WITH PULL STRING STUBBED OUT AND CAPPED AS PART OF BASE BID. EXTEND CONDUITS TO CONCESSIONS BLDG TELCOM BACKBOARD AND COORDINATE WITH AT&T FOR TELEPHONE/INTERNET SERVICES AS DIRECTED IN ALTERNATE #1.
- ONE EMPTY 2" CONDUIT WITH PULL STRING STUBBED OUT AND CAPPED AS PART OF BASE BID. EXTEND CONDUITS TO WASTE WATER TREATMENT PLANT AND INSTALL CONDUCTORS TO CONTROL PANEL AS DIRECTED IN ALTERNATE #1.
- CONNECT SCOREBOARD TO BREAKER IN PANEL "P" WITH 2#8 & 1#10 GRND THROUGHOUT ENTIRE CIRCUIT IN 1" SCH. 40 PVC CONDUIT. SCOREBOARD TO BE PROVIDED WITH WIRELESS CONTROLS BY THE MANUFACTURER.
- CONNECT FLAG POLE LIGHTS TO BREAKER IN PANEL "P" WITH 2#8 & 1#10 GRND THROUGHOUT ENTIRE CIRCUIT IN 1" SCH. 40 PVC CONDUIT. LIGHTING SHALL OPERATE FROM DUSK TO DAWN VIA PHOTOCELL AND MANUAL CONTROLS TO BE PROVIDED AT PANEL "P."

**LIGHT FIXTURE SCHEDULE**

F1 HYDREL #SA7 LED P1 80CRI 40K MVOLT 20DEG CWL KM AMP/62/2 DNA, OR EQUAL, LED FLAG POLE ASSEMBLY WITH TWO LUMINAIRES, EACH WITH NATURAL ALUMINUM FINISHED CAST HOUSING, 20 DEG BEAM, 33 WATT, 3,000 LUMEN LED ARRAY AT 4000K, AND UNIVERSAL VOLTAGE DRIVER. MOUNT FIXTURE PAIR TO 6" DIA. FLAG POLE AT 8' ABOVE SLAB USING MID-POLE CLAMP FOR TWIN FIXTURE MOUNTING. COORDINATE WITH FLAG POLE SUPPLIER AS REQUIRED FOR HOLES DRILLED FOR POWER AND SUPPORT.

**FIELD LIGHTING POLE/LUMINAIRE SCHEDULE**

- POLES A1 - A4**  
70' (MOUNTING HEIGHT) SPORTS LIGHTING POLE WITH LUMINAIRES AS FOLLOWS:  
 (2) GEOSPOT CIRTSL EV NARROW 629W  
 (6) GEOSPOT CIRTSL EV MEDIUM 637W  
 (2) GEOSPOT CIRTSL EV WIDE 640W  
 (2) GEOSPOT CIRTSL EV EXTRA WIDE 636W (40' MOUNTING HEIGHT)
- POLES B1 - B5 & B8**  
70' (MOUNTING HEIGHT) SPORTS LIGHTING POLE WITH LUMINAIRES AS FOLLOWS:  
 (2) GEOSPOT CIRTSL EV NARROW 629W  
 (6) GEOSPOT CIRTSL EV MEDIUM 637W  
 (2) GEOSPOT CIRTSL EV EXTRA WIDE 636W
- POLES B6 & B7**  
70' (MOUNTING HEIGHT) SPORTS LIGHTING POLE WITH LUMINAIRES AS FOLLOWS:  
 (2) GEOSPOT CIRTSL EV NARROW 629W  
 (6) GEOSPOT CIRTSL EV MEDIUM 637W  
 (2) GEOSPOT CIRTSL EV EXTRA WIDE 636W  
 (2) GEOSPOT CIRTSL EV WIDE 640W (40' MOUNTING HEIGHT AIMED AT PARKING LOT)

FIELD LIGHTING SYSTEM SHALL BE GEOSPOT LIGHTING, MUSCO SPORTS LIGHTING, OR APPROVED EQUAL.

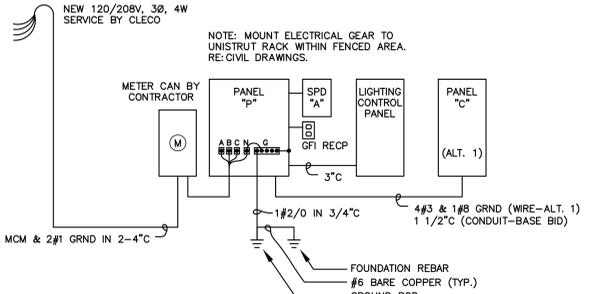
POLES SHALL BE CONCRETE ENCASED DIRECT EMBEDDED TAPERED STEEL WITH GALVANIZED FINISH, EMBEDMENT MASTIC COATING, INTERNAL WIRE SUPPORT, AND 100 MPH WIND RATING.

FIELD LIGHTING SYSTEM PERFORMANCE SHALL MEET OR EXCEED THE FOLLOWING VALUES, WITH HORIZONTAL LIGHTING MEASUREMENTS AT 20FT SPACING, FOR THE FOUR 200' SOFTBALL FIELDS AS DEPICTED ON DRAWINGS:

	OUTFIELD	INFIELD
AVERAGE	33	53
MAXIMUM	38	57
MINIMUM	27	50
AVG-MIN	1.20	1.08
MAX-MIN	1.41	1.14
COEF VAR	0.10	0.05
UNIFGRAD	1.27	1.14

**SYMBOL SCHEDULE**

- FIELD LIGHTING POLE AND LED LUMINAIRES
- DUPLEX RECEPTACLE 20A, 125V 2P, 3W GROUNDED, GFI TYPE WITH WEATHERPROOF COVER.
- JUNCTION BOX 4" AND UNDER
- DISCONNECT SWITCH
- 120/208V SURFACE MOUNTED PANELBOARD
- LIGHTING CONTROL PANEL
- HOMERUN TO PANEL
- CONDUIT CONCEALED ABOVE CEILING OR IN WALLS. CROSS BARS DENOTE QUANTITY OF #12 CONDUCTORS EXCLUDING GROUND WHEN OVER TWO.
- CONDUIT UNDER SLAB OR BELOW GRADE
- CONDUIT EXPOSED



**ELECTRICAL RISER DIAGRAM**  
SCALE: NONE

**SURGE PROTECTIVE DEVICE SCHEDULE**

DESIGNATION	MODEL NUMBER OR EQUAL	VOLTAGE	SURGE RATING	MODES OF PROTECTION	AUDIBLE ALARM	TRANSIENT COUNTER	ENCLOSURE	INTEGRAL DISCONNECT	CIRCUIT BREAKER	FEEDER
SPD "A"	ABB # TGS-10020B3YPNM2F	120/208V, 3Ø, 4W	200kA / PHASE 100kA / MODE	L-N, L-G, N-G, & L-L	YES	YES	NEMA 3R	NO	60A-3P	5#4 IN 1 1/4" C

NOTE: ROUTE CONDUCTORS AS SHORT AND STRAIGHT AS POSSIBLE BETWEEN SURGE PROTECTION DEVICE (SPD) AND CIRCUIT BREAKER

**PANEL P**

SURFACE MOUNTED 600A MCB NEMA 3R PANEL FOR 120/208V 3Ø 4W SERVICE INTERRUPTING RATING: 65,000 AMPS

CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	TRIP AMPS	NO. POLES	CKT NO.
				A	B	C				
1	20	1	RECEPTACLE	1000	500	500	LIGHTING CONTROLS	20	1	2
3	20	1	SPARE	500	500	500	FLAG POLE LIGHTS	20	1	4
5	20	1	SPARE	-	-	-	SPARE	20	1	6
7	20	1	SPARE	-	-	-	SPARE	20	1	8
9	30	2	LIGHT POLE A1	3800	3800	3800	LIGHT POLE A2	30	2	10
11	-	-	-	3800	3800	3800	-	-	-	12
13	30	2	LIGHT POLE A3	3800	3800	3800	LIGHT POLE A4	30	2	14
15	-	-	-	3200	3200	3200	-	-	-	16
17	30	2	LIGHT POLE B1	3200	3200	3200	LIGHT POLE B2	30	2	18
19	-	-	-	3200	3200	3200	-	-	-	20
21	30	2	LIGHT POLE B3	3200	3200	3200	LIGHT POLE B4	30	2	22
23	-	-	-	3200	3200	3200	-	-	-	24
25	30	2	LIGHT POLE B5	3200	3200	3200	LIGHT POLE B6	30	2	26
27	-	-	-	3200	3200	3200	-	-	-	28
29	30	2	LIGHT POLE B7	3800	3800	3800	LIGHT POLE B8	30	2	30
31	-	-	-	3800	3800	3800	-	-	-	32
33	20	1	SCOREBOARD 1	1000	1000	1000	SPACE ONLY	-	-	34
35	20	1	SCOREBOARD 2	1000	1000	1000	SPACE ONLY	-	-	36
37	20	1	SCOREBOARD 3	1000	1000	1000	WASTE WTR TRT PLNT	50	3	38
39	20	1	SCOREBOARD 4	1000	1000	1000	-	-	-	40
41	-	-	SPACE ONLY	3000	3000	3000	-	-	-	42
43	70	3	PANEL "C"	7200	7200	7200	SPD "A"	60	3	44
45	-	-	-	1000	1000	1000	-	-	-	46
47	-	-	-	7200	7200	7200	-	-	-	48

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 PROJECT: AVOELLES PARISH POLICE JURY RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
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DATE: 01/29/26

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BOOK NO.	N/A
JOB NO.	12719
DWG. NO.	14672
SCALE	SHOWN

OWNER: AVOELLES PARISH POLICE JURY  
PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
5197 HIGHWAY 115  
BUNKIE LOUISIANA 71322

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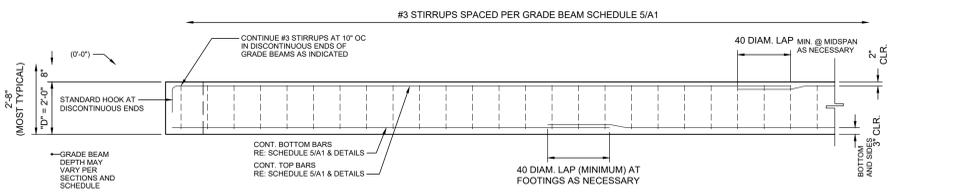
CALL LOUISIANA ONE CALL - JUST DIAL 811  
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ONE INCH

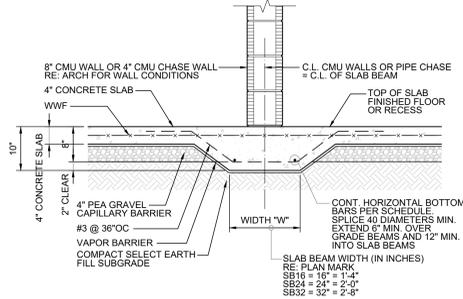
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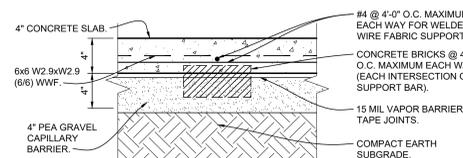
**1 TYPICAL GRADE BEAM ELEVATION**  
SCALE 3/8" = 1'-0"

**SLAB BEAM SCHEDULE**

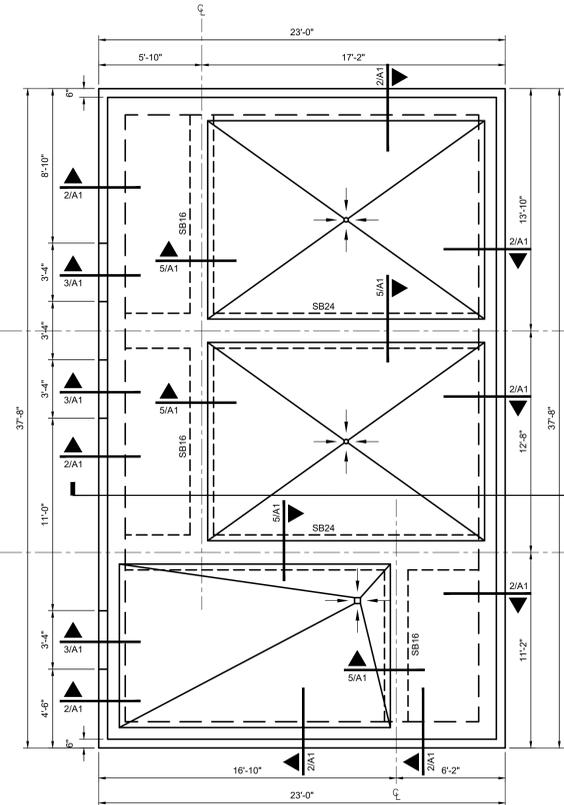
SLAB BEAM MARK	DIMENSIONS WxD (INCHES)	REINFORCEMENT BOTTOM BARS	REINFORCEMENT STIRRUPS
SB16	16 x 10	2 #5 CONT.	#3 @ 36"OC
SB24	24 x 10	3 #5 CONT.	#3 @ 36"OC



**5 TYPICAL SLAB BEAM DETAIL/SCHEDULE**  
SCALE 3/4" = 1'-0"

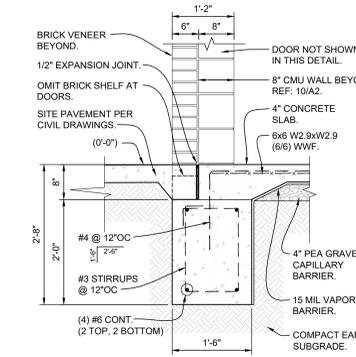


**4 TYPICAL CONCRETE SLAB DETAIL**  
SCALE 1 1/2" = 1'-0"

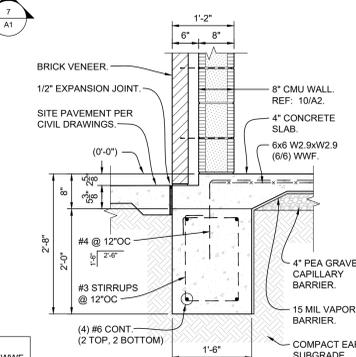


**1 FOUNDATION/SLAB PLAN**  
SCALE 1/4" = 1'-0"

**FLOOR SLAB NOTE - BUILDING A:**  
4" CONCRETE SLAB REINFORCED WITH 6x6 W2.9xW2.9 (6/6) WWF (SUPPORTED ABOVE GRADE PER DETAIL 4/A1) ON 15 MIL VAPOR BARRIER ON 4" PEA GRAVEL CAPILLARY BARRIER ON COMPACTED EARTH SUBGRADE. FINISH FLOOR ELEVATION 76.00' = DATUM (0'-0") FOR THIS BUILDING.

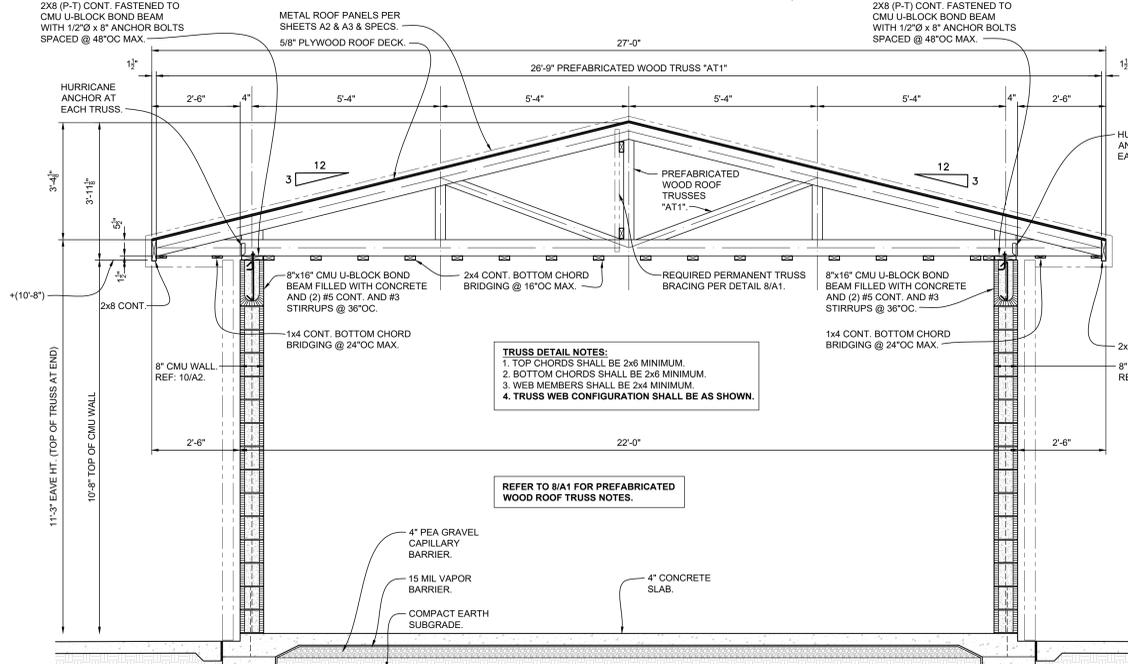


**3 FOUNDATION TO WALL DETAIL**  
SCALE 3/4" = 1'-0"

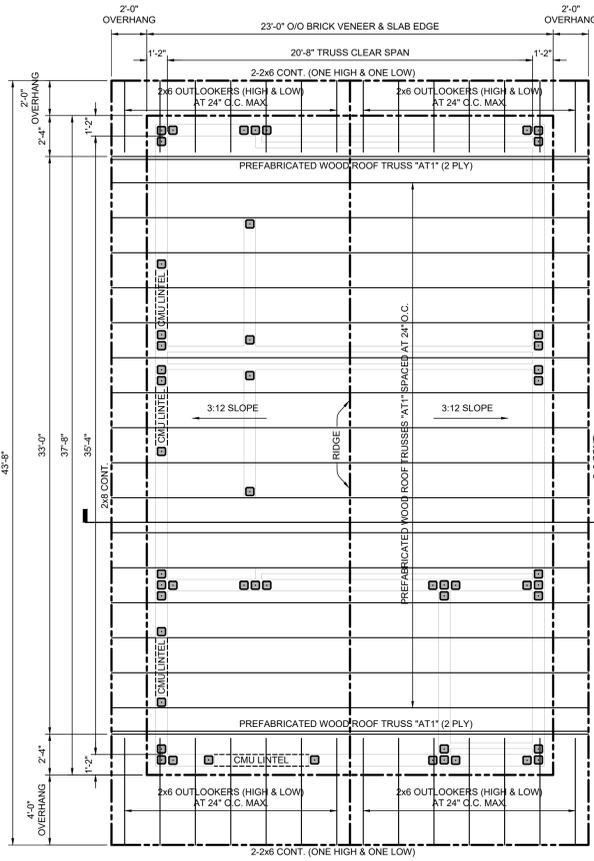


**2 FOUNDATION TO WALL DETAIL**  
SCALE 3/4" = 1'-0"

**8 REQUIRED PERMANENT TRUSS BRACING DETAIL**  
SCALE 1/4" = 1'-0"



**7 STRUCTURAL CROSS SECTION - BUILDING A (TRUSS AT 1)**  
SCALE 1/2" = 1'-0"



**6 ROOF FRAMING PLAN**  
SCALE 1/4" = 1'-0"

**9 PREFABRICATED WOOD TRUSS NOTES:**

- RE: 7/A1, 8/A1
- DESIGN LOADS SHALL BE: 7 PSF TOP CHORD DEAD LOAD, 20 PSF TOP CHORD LIVE LOAD, 8 PSF BOTTOM CHORD DEAD LOAD, 10 PSF BOTTOM CHORD LIVE LOAD, 45 PSF TOTAL DESIGN LOAD. TYPICAL TRUSS SPACING SHALL BE 24 INCHES ON CENTER.
  - TRUSS DESIGN SHALL CONSIDER AND PROVIDE FOR ADDITIONAL LOADS IN ATTIC OR ON ROOF WHERE SUCH LOADS ARE SHOWN ON THE FRAMING PLANS.
  - WOOD ROOF TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD ROOF TRUSSES," TRUSS PLATE INSTITUTE.
  - TRUSS CONFIGURATION SHALL BE AS SHOWN BY THE PLAN DETAILS AND SIMILAR WHERE NOT SPECIFICALLY DETAILED. TRUSSES SHALL BE DESIGNED TO CLEAR SPAN BETWEEN SUPPORT POINTS INDICATED. FABRICATOR SHALL PROVIDE THE COMPLETE ROOF FRAMING JOB FOR AREAS INDICATED, EXCEPT WHERE JOBSITE FRAMING IS INDICATED BY THE DRAWINGS. FURNISH ALL NECESSARY METAL CONNECTORS, HANGERS, ETC., "SIMPSON STRONGTIE COMPANY, INC." OR EQUAL.
  - MINIMUM ACCEPTABLE MEMBER SIZES FOR CHORDS SHALL BE 2x6, UNLESS OTHERWISE SHOWN, AND FOR WEBS 2x4. ALL TRUSS MEMBERS SHALL BE NO. 2 KD SOUTHERN PINE OR BETTER. NO THROUGH HOLES SHALL BE ALLOWED IN ANY MEMBER.
  - FABRICATOR SHALL FURNISH COMPLETE DESIGN CALCULATIONS, INCLUDING JOINT GUSSET DESIGN, AND FRAMING LAYOUTS, STAMPED AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF LOUISIANA (CIVIL ENGINEER). FURNISH COMPLETE SHOP DRAWINGS INCLUDING LAYOUT, DETAILS, AND TYPICAL HANDLING AND TEMPORARY BRACING DETAILS AND RECOMMENDATIONS.
  - CONTRACTOR SHALL PROVIDE PERMANENT TRUSS BRACING AS INDICATED BY THE TYPICAL DETAILS, AND IN LOCATIONS SHOWN IN THE DETAIL TRUSS ELEVATIONS.
  - EACH TRUSS SHALL BE ANCHORED TO EACH EXTERIOR BEARING WALL LOCATION WITH METAL HURRICANE TIES MANUFACTURED BY "SIMPSON STRONG TIE COMPANY" OR APPROVED EQUAL.
  - REFER TO ARCHITECTURAL DRAWINGS FOR EAVE AND SOFFIT DETAILS AND ADDITIONAL INFORMATION.

**10 GENERAL STRUCTURAL NOTES:**

- REFER TO PROJECT SPECIFICATIONS FOR DETAILED DESCRIPTION OF MATERIALS AND METHODS TO BE USED IN THIS PROJECT.
- DETAILS AND CONNECTIONS WHICH ARE SHOWN BY THE STRUCTURAL DRAWINGS IN SPECIFIC LOCATIONS SHALL APPLY IN SIMILAR FORM FOR ALL OTHER SIMILAR CONDITIONS UNLESS OTHERWISE SHOWN.
- ALL CONCRETE WORK SHALL CONFORM TO ACI 301 AND ALL RELATED ACI AND ASTM REFERENCES CONTAINED THEREIN. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. WELDED WIRE MESH SHALL BE ASTM A185.
- ALL CONCRETE SHALL DEVELOP 3000 PSI IN 28 DAYS. SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.52 BY WEIGHT, AND SHALL INCLUDE A WATER REDUCING ADMIXTURE. CONCRETE SHALL CONTAIN A MINIMUM CEMENT FACTOR OF 500 POUNDS PER CUBIC YARD. AT THE CONTRACTOR'S OPTION, A MAXIMUM OF 20% FLY ASH OR SLAG CEMENT REPLACEMENT OF CEMENT MAY BE USED. FLY ASH SHALL CONFORM TO ASTM C-618, CLASS C. SLAG CEMENT SHALL CONFORM TO ASTM C-989, GRADE 120. CONCRETE SHALL BE PLACED WITH SLUMP NOT EXCEEDING 5 INCHES UNLESS HIGHER SLUMPS ARE ACHIEVED BY THE USE OF A SUPER PLASTICIZER. NO WATER SHALL BE ADDED AT THE JOB SITE WITHOUT SPECIFIC APPROVAL OF THE ARCHITECT FOR EACH INSTANCE.
- LAP SPlice CONTINUOUS HORIZONTAL BARS IN GRADE BEAMS 40 BAR DIAMETERS (2'-6" FOR #6 BARS) AT LOCATIONS INDICATED ON TYPICAL GRADE BEAM ELEVATION 11/A1. LAP SPlice CONTINUOUS HORIZONTAL BARS IN CMU BOND BEAMS 40 BAR DIAMETERS (2'-1" FOR #5 BARS) AT RANDOM LOCATIONS AS NECESSARY. LAP W.W.F. 1 1/2" MESH SPACINGS AT ALL EDGES.
- PROVIDE CORNER BARS AT ALL CORNERS AND T-INTERSECTIONS OF GRADE BEAMS AND CMU U-BLOCK BOND BEAMS. EQUAL TO HORIZONTAL REINFORCEMENT OR AS INDICATED. PROVIDE PROJECTING DOWELS AT ALL CONSTRUCTION JOINTS FOR ALL ADJACENT GRADE BEAMS IN FUTURE POURS. EXTEND 40 DIAMETERS EACH WAY FROM CORNERS OR CONSTRUCTION JOINTS.
- LOCATE REQUIRED SLAB CONSTRUCTION JOINTS WHERE INDICATED. ADJACENT PANELS MAY BE POURED CONCURRENTLY AS LONG AS THE JOINT INTEGRITY IS MAINTAINED BY EITHER PERMANENT METAL SEPARATION OR SPRAYED ON BOND BREAKER.
- REFER TO ARCHITECTURAL DRAWINGS FOR SLAB DEPRESSIONS AND SLOPES TO FLOOR DRAINS. DETERMINE DEPTH OF SLAB DEPRESSIONS AND LOCATING DIMENSIONS FROM ARCHITECTURAL DRAWINGS.
- STRUCTURAL STEEL PER AISC STANDARD SPECIFICATIONS AND ASTM A36. W-SHAPES SHALL BE ASTM A992 (Fy = 50 ksi). PIPE SHAPES SHALL BE ASTM A 501, 36 KSI YIELD, OR ASTM A 500, GRADE B OR C. TUBE SHAPES (HSS) SHALL BE ASTM A500, GRADE B. SHOP CONNECTIONS - WELDED, FIELD CONNECTIONS - HIGH STRENGTH BOLTED OR WELDED AS DETAILED. USE 3/4" A325-X STANDARD FRAMED CONNECTIONS UNLESS OTHERWISE DETAILED.
- REFER TO ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STEEL ITEMS, LADDERS, LIFES, ETC., WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
- CONCRETE GROUT FOR CMU BOND BEAMS, PILASTERS, AND VERTICAL CMU CELL FILL SHALL BE A VOLUMETRIC MIXTURE OF 1 PART PORTLAND CEMENT : 2 1/2 PARTS SAND : 1 1/2 PARTS PEA GRAVEL AND SHALL MEET ASTM C476 STANDARD SPECIFICATIONS. IT SHALL ATTAIN 2500 PSI COMPRESSIVE STRENGTH AT 28 DAYS WHEN MIXED WITH SUFFICIENT WATER TO HAVE 9" SLUMP. PEA GRAVEL SHALL HAVE 3/8" MAXIMUM SIZE.
- CMU BOND BEAMS AND LINTELS SHALL NOT BE "KEYHOLE" STYLE BLOCK SHAPES. 8"x8" AND 8"x16" NOMINAL SIZE U-BLOCKS SHALL HAVE A MINIMUM OF 40% (2% ±) VOID FOR CONCRETE FILL.
- CONTRACTOR NOTE CAREFULLY: MASONRY BEARING WALLS MUST BE TEMPORARILY BRACED TO RESIST LATERAL FORCES UNTIL ATTACHMENT IS MADE TO STRUCTURAL ROOF DECK AND STRUCTURAL FRAMING.
- LIGHT GAGE METAL SUB-STRUCTURAL FRAMING FOR ROOFS SHALL CONFORM TO SPECIFICATIONS SECTION 054000, COLD FORMED METAL FRAMING, THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND THE APPLICABLE STANDARD DETAILS INCLUDED IN THE CONTRACT DRAWINGS. FULLY COORDINATE DETAILS BETWEEN STRUCTURAL STEEL AND LIGHT GAGE METAL FRAMING WHERE CONNECTIONS BETWEEN THE TWO ARE REQUIRED.

**DESIGN CRITERIA:**  
ROOF LIVE LOAD: 20 PSF, PER IBC 2021, TABLE 1607.1.  
ROOF LIVE LOAD REDUCTION IS BASED ON IBC 2021, SECTION 1607.14.2.1 ORDINARY ROOFS, AWNINGS AND CANOPIES.  
FLOOR LIVE LOADS, PER IBC 2021, TABLE 1607.1:  
GRADE SUPPORTED FLOOR SLABS: 100 PSF+  
FLOOR LIVE LOAD REDUCTION IS BASED ON IBC 2021, SECTION 1607.12.1 BASIC UNIFORM LIVE LOAD REDUCTION.  
WIND: Basic Design Wind Speed (V<sub>ult</sub>) = 115 miles per hour (mph), per IBC 2021, Figure 1609.3(1)  
Risk Category II, per IBC 2021, Table 1604.5  
Exposure Category B (per IBC 2021, Section 1609.4)  
Internal Pressure Coefficient (C<sub>pi</sub>) = +/- 0.18 (Enclosed Building) (per ASCE 7-16 Figure 26.13-1)  
Components and Cladding (per ASCE 7-16, Chapter 30, Part 2)  
SNOW LOAD: GROUND SNOW LOAD P<sub>g</sub> = 5 PSF PER IBC 2021, FIGURE 1608.2(2).  
SEISMIC: PER IBC 2021 AND ASCE 7-16  
Risk Category II, per IBC 2021, Table 1604.5 ASCE 7-16, Table 1.5-1  
SEISMIC IMPORTANCE FACTOR I = 1.00, per ASCE 7-16, Table 1.5-2  
S<sub>s</sub> (acceleration parameter 0.2 sec) = 0.12  
S<sub>i</sub> (acceleration parameter 1 sec) = 0.08  
SEISMIC DESIGN CATEGORY B  
SITE CLASS D PER ASCE 7-10, TABLE 20.3-1  
FOUNDATION: SHALLOW BEARING FOUNDATION DESIGN USING ALLOWABLE BEARING PRESSURE OF 1500 PSF AS FOLLOWED BY IBC 2021, TABLE 1806.2 "PRESUMPTIVE LOAD BEARING VALUES" FOR CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CLASSIFICATION OF MATERIALS 5)

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THESE DRAWINGS DO NOT INCLUDE COMPONENTS FOR CONSTRUCTION SAFETY.

SCALE NOTE  
SCALE BAR SHOWN IS ONE INCH LONG AT FULL SCALE WHEN SCALING DRAWINGS. MEASURE BAR TO DETERMINE IF SCALE SHOWN WILL REQUIRE ADJUSTING.

**PAN AMERICAN ENGINEERS, LLC**  
1717 JACKSON STREET (71301)  
P.O. BOX 8509 (71308)  
ALEXANDRIA, LA.

ADD. ALT. NO. 1 FOUNDATION & FRAMING

PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

PROFESSIONAL SEAL: AVOUELLES PARISH POLICE JURY

SHEET NUMBER: A1 OF 4A





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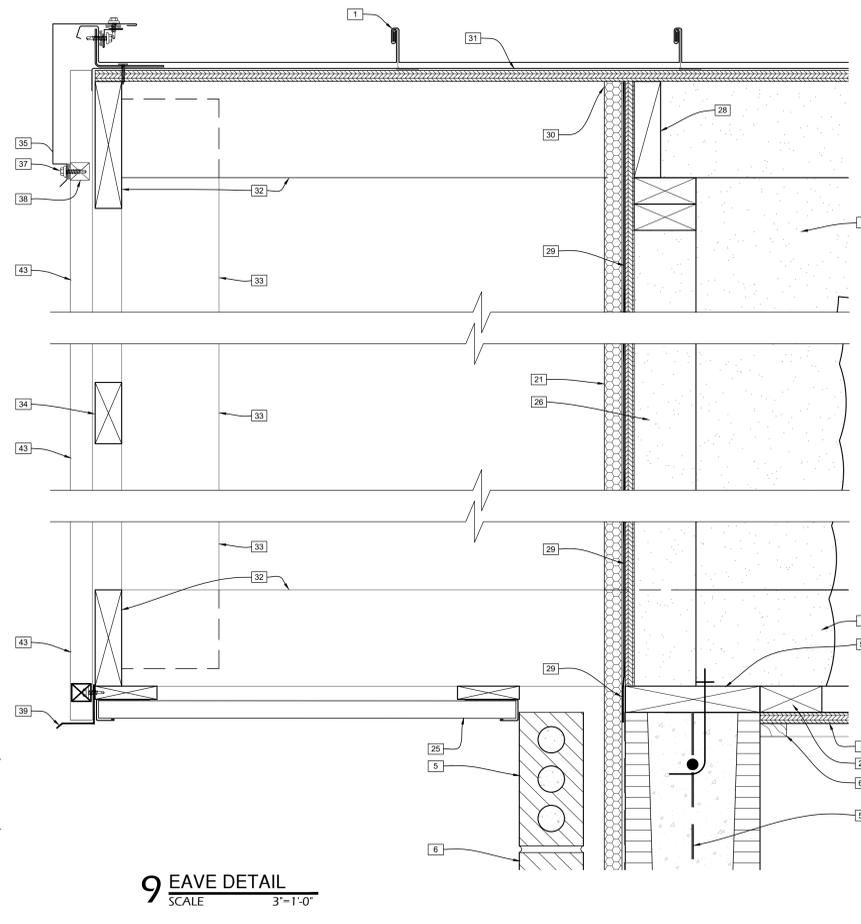
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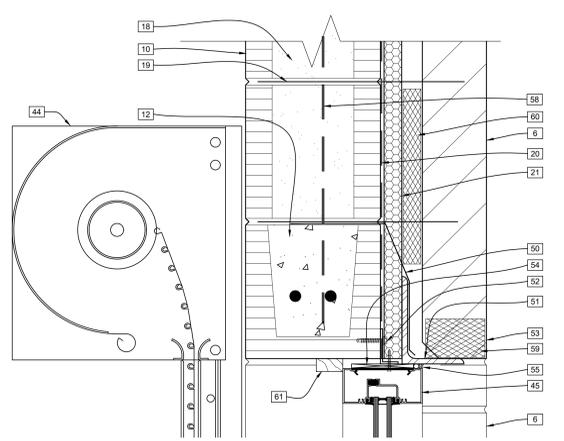
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 PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
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 BUNKIE, LOUISIANA 71322

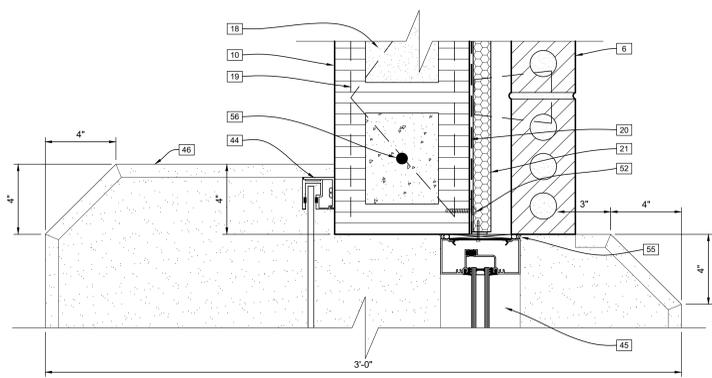
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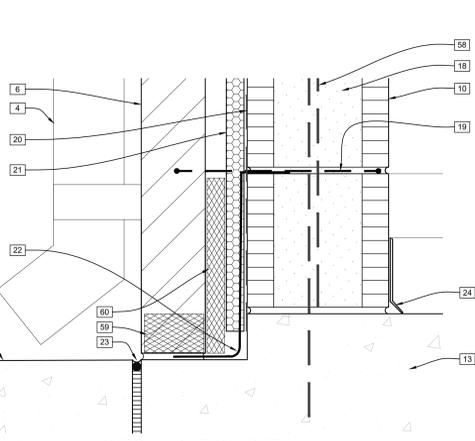
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 SCALE 3'-1-0"



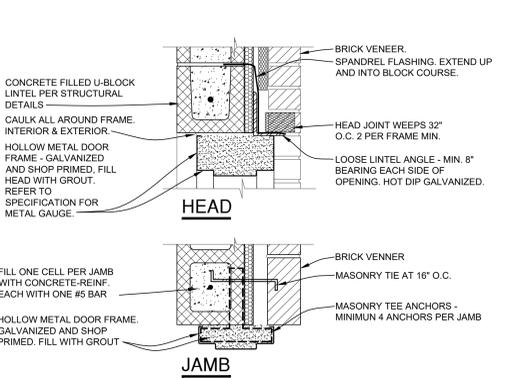
**8 COUNTER SHUTTER HEAD DETAIL**  
 SCALE 3'-1-0"



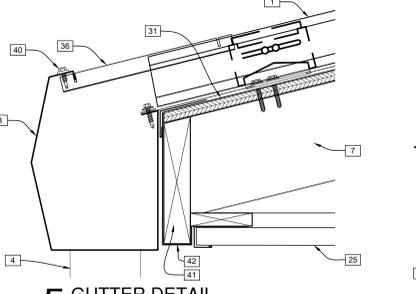
**7 COUNTER SHUTTER JAMB DETAIL**  
 SCALE 3'-1-0"



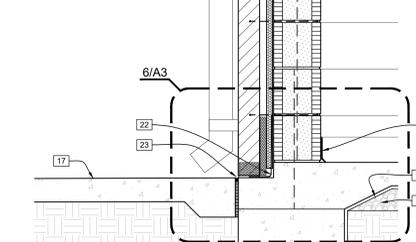
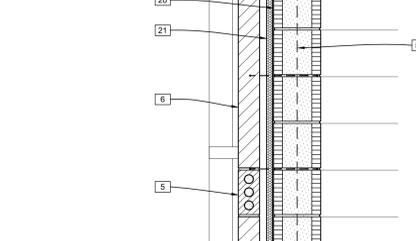
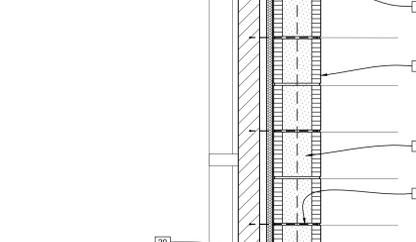
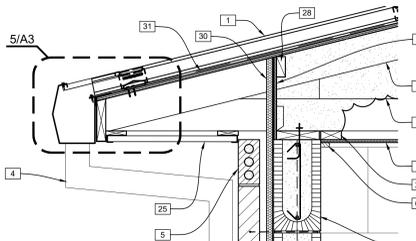
**6 WALL TO FOUNDATION DETAIL**  
 SCALE 3'-1-0"



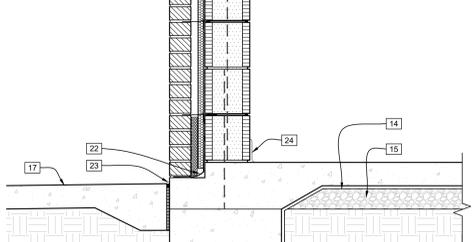
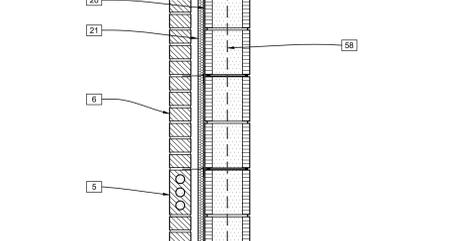
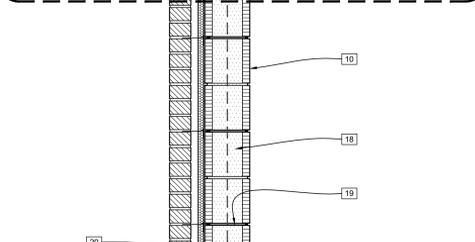
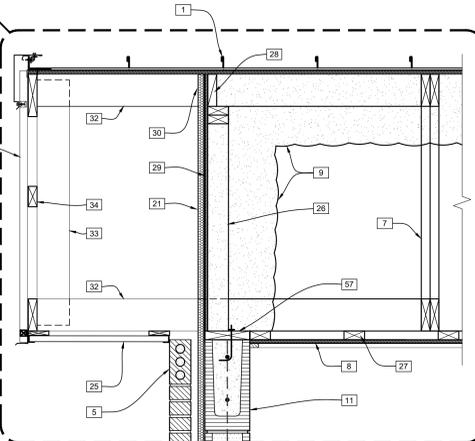
**10 HOLLOW METAL DOOR/CMU & BRICK**  
 SCALE 1 1/2'-1-0"



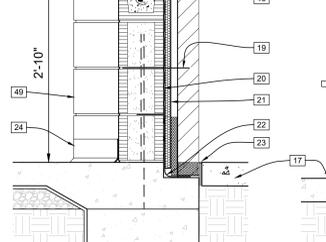
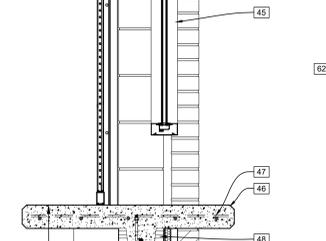
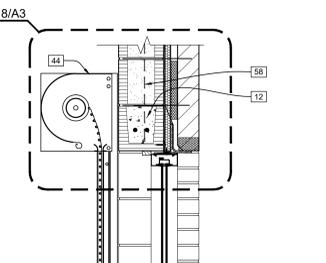
**5 GUTTER DETAIL**  
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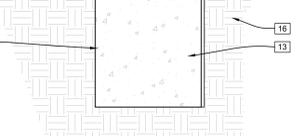
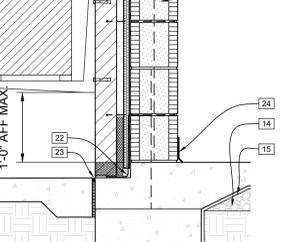
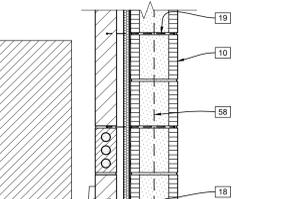
**1 WALL SECTION**  
 SCALE 1'-1-0"



**2 WALL SECTION**  
 SCALE 1'-1-0"



**3 COUNTER SHUTTER SECTION**  
 SCALE 1'-1-0"



**4 HVAC MOUNTING DETAIL**  
 SCALE 1'-1-0"

- SECTION KEYNOTES**
- PRE-FINISHED, KYNAR METAL STANDING SEAM ROOF PANELS. CONTINUOUS SEALANT AT ALL SEAMS.
  - KYNAR COATED RAKE TRIM AND EXTENSION TRIM.
  - PRE-FINISHED METAL GUTTER. COLOR TO MATCH METAL ROOF PANELS.
  - DOWNSPOUT, PRE-FINISHED GALV. STEEL. 4 x 6; 2" SUPPORT STRAPS @ 5'-0" O.C. MAX. DISCHARGE INTO IN-LINE DRAIN BASIN.
  - BRICK SOLDIER COURSE. COLOR SELECTED BY ARCHITECT.
  - BRICK VENEER. COLOR SELECTED BY ARCHITECT.
  - PRE-MANUFACTURED WOOD TRUSSES. REFER TO STRUCTURAL DRAWINGS.
  - 1/2" MDO PLYWOOD PAINTED; V GROOVE JOINTS. STAGGER JOINTS ONE HALF SHEET. PRIME BOTH SIDES AND ALL EDGES PRIOR TO INSTALLATION OVER 2x4 STRIPPING @ 16" O.C.
  - MINIMUM 1 1/2" THICK OPEN CELL SPRAY FOAM INSULATION AS SPECIFIED.
  - 8" CMU - RUNNING BOND. PAINTED PER FINISH SCHEDULE. COLOR SELECTED BY ARCHITECT.
  - 16" U-BLOCK CONTINUOUS BOND BEAM. SEE STRUCTURAL DRAWINGS.
  - 8" U-BLOCK BOND BEAM HEADER. SEE STRUCTURAL DRAWINGS.
  - STRUCTURAL CONCRETE SLAB AND GRADE BEAM FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
  - 15 MIL VAPOR BARRIER, TAPE JOINTS. SEE SPECS.
  - 4" PEA GRAVEL CAPILLARY BARRIER. SEE STRUCTURAL DRAWINGS.
  - COMPACT FILL AS SPECIFIED.
  - 4" CONCRETE WALK PAVING. REFER TO CIVIL DRAWINGS.
  - FILL ALL NON-REINFORCED CORES FULL WITH INSULATION IN EXTERIOR CMU WALLS.
  - HOT-DIPPED GALVANIZED HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY.
  - BITUMINOUS MASTIC DAMPROOF EXTERIOR FACE OF CMU. MINIMUM OF 2 COATS.
  - R-5, 1" XPS RIGID INSULATION BOARD AS SPECIFIED. TAPE AND SEAL ALL JOINTS. ADHERE TO WALL WITH VERTICAL BEADS OF COMPATIBLE ADHESIVE. (VERTICAL BEADS FOR DRAINAGE.)
  - CONTINUOUS FLEXIBLE SPANDREL FLASHING TUCKED IN CMU JOINT @ 8" A.F.F. - SEAL BOTTOM TO CONCRETE BRICK LEDGE.
  - 12" EXPANSION JOINT BETWEEN BUILDING FOUNDATION & CONCRETE SIDEWALK. SEE CIVIL DRAWINGS FOR PAVING DETAILS.
  - WALL BASE PER FINISH SCHEDULE.
  - PRE-FINISHED METAL SOFFIT PANELS ON 1x4 FRAMING. COLOR SELECTED BY ARCHITECT.
  - 2x4 WOOD STUDS AT 24" O.C.
  - 2x4 WOOD STRIPPING AT 16" O.C. MAX. PER STRUCTURAL DRAWINGS.
  - 2x WOOD BLOCKING BETWEEN TRUSSES.
  - 1/2" PLYWOOD WITH COMMERCIAL WRAP. LAP COMMERCIAL WRAP MINIMUM OF 2" DOWN OVER CMU AND MASTIC WATERPROOFING.
  - EXTEND 1" RIGID INSULATION BOARD TO BOTTOM SIDE OF ROOF DECK.
  - SYNTHETIC ROOF UNDERLAYMENT ON 5/8" T&G PLYWOOD SHEATHING.
  - 2x6 WOOD FRAMING PER STRUCTURAL DRAWINGS.
  - 2x6 WOOD FRAMING AT 24" O.C.
  - CONTINUOUS HORIZONTAL 2x4 WOOD FRAMING FOR METAL PANEL ATTACHMENT.
  - PRE-FINISHED METAL FASCIA WITH CONTINUOUS CLEAT. COLOR TO MATCH METAL ROOF PANELS.
  - GUTTER STRAP AT 48" MAX.
  - 1/4" - 14 X 1 1/4" SELF-DRILLER WITH WASHER (2 PER INSIDE CLOSURE)
  - METAL INSIDE CLOSURE WITH SEALER AT PANEL RIBS OVER 2" LONG TRI-BEAD TAPE.

- SECTION KEYNOTES CONTINUED**
- PRE-FINISHED METAL PANEL STOP WITH DRIP EDGE.
  - 1/4" - 14 X 7/8" LONG-LIFE LAPTEK WITH WASHER (2 PER STRAP)
  - CONT. 2X8
  - KYNAR FINISHED ALUMINUM FASCIA TO WRAP ALL EXPOSED SIDES OF 2x8.
  - PRE-FINISHED FLUSH METAL WALL PANELS WITH CONTINUOUS J-TRIM AT BOTH VERTICAL SIDES AND HORIZONTAL TOP. METAL DRIP EDGE AT BOTTOM. COLOR SELECTED BY ARCHITECT.
  - FACE MOUNTED COILING SHUTTER: MANUAL OPERATED SATIN ALUMINUM. COUNTER SHUTTER WITH BOLT TYPE LOCKS THRU FRAMES FROM INSIDE. PROVIDE HOUSING AND GALVANIZED TRACKS: BOLT TO BLOCK JAMBS 24" O.C. MAX. PROVIDE ADDITIONAL BRUSH TYPE BOTTOM SEAL AT BOTTOM OF SHUTTER LIKE PEMKO 9004-1-58.
  - CLEAR ANODIZED WINDOW FRAMES WITH 3/8" LEXAN GLAZING. BOTTOM RAIL TO BE 12" ABOVE COUNTER HEIGHT. PROVIDE PLATE BOTTOM COVER ON BOTTOM RAIL. EXTEND SIDE RAILS TO COUNTER TOP.
  - CONCRETE COUNTER TOP: SMOOTH FINISH AND SEAL 4" THICK. CHAMFER EDGES 3/4" AT ALL FOUR EDGES.
  - #3 BARS @ 12" O.C. BOTH WAYS. TIE TO ANCHOR BOLTS.
  - CUT LINTEL BLOCK WITH NO. 4 BAR CONT. DOWN TO 5/8" AND SET W/ 6" ANCHOR BOLTS @ 12" O.C. POUR FULL WITH COUNTER TOP.
  - 8x8 BLOCK PILASTER UNDER CONCRETE COUNTER TOP. RUN TRUSS TYPE MASONRY REINFORCING INTO PILASTER. SEE FLOOR PLAN AND INTERIOR ELEVATION.
  - FLEXIBLE SPANDREL FLASHING OVER WINDOW HEAD W/ WEEPS @ 32" O.C. MAX.
  - GALVANIZED LOOSE LINTEL SIZED PER SCHEDULE 12A/2. BEAR 8" EACH SIDE OF OPENING.
  - 1" x 2" x 1/8" ALUMINUM ANGEL W/ 'TAPCON' SCREWS AT 24" O.C.
  - CUT BRICK AS REQUIRED.
  - SHIM AS REQUIRED.
  - FOAM ROD & SEALANT ALL AROUND FRAME.
  - FILL JAMB CELL FULL HEIGHT W/ CONCRETE AND REINFORCE W/ #5 VERTICAL BAR.
  - 2X8 CONT. NAILER FASTENED TO 16" CMU U-BLOCK WITH 1/2" X 8" ANCHOR BOLTS @ 48" O.C. MAX.
  - #5 VERTICAL BAR FULL HEIGHT OF WALL UP TO BOTTOM OF 16" U-BLOCK. TIE TO STRUCTURAL BARS FROM CONCRETE FOOTING AS SHOWN ON DETAIL 10/A2. SPACE BARS AT 8'-0" O.C. MAX. HORIZONTALLY.
  - "MORTAR NET WEEPVENT" OPEN WEAVE POLYESTER MESH WEEPS @ 32" O.C.
  - CONTINUOUS 1"x10" MORTAR NET FILTER MATERIAL AS SPECIFIED.
  - 1x2 S4S TRIM. PREP, PRIME & PAINT.
  - OUTDOOR MECHANICAL UNIT. REFER TO MECHANICAL & ELECTRICAL DRAWINGS. SET IN PLACE ON WALL MOUNTED BRACKETS AS SHOWN WITH MASONRY ANCHORS. LINE SETS TO BE RAN THRU MASONRY CAVITIES, NOT EXPOSED ON THE WALL.

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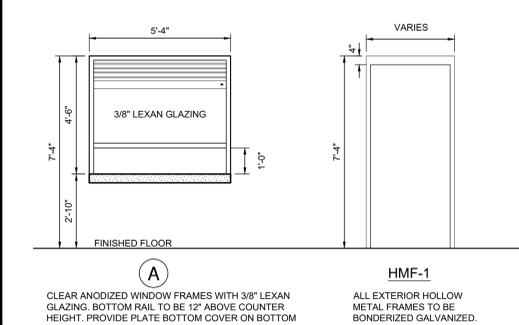
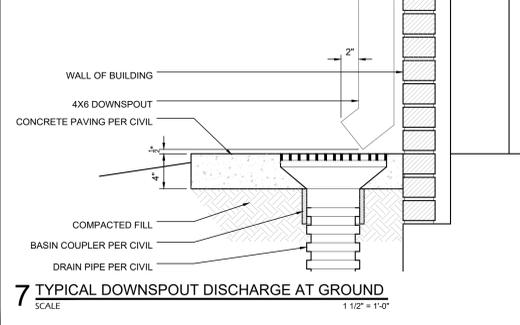
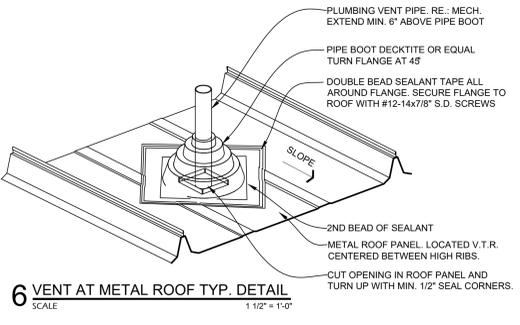
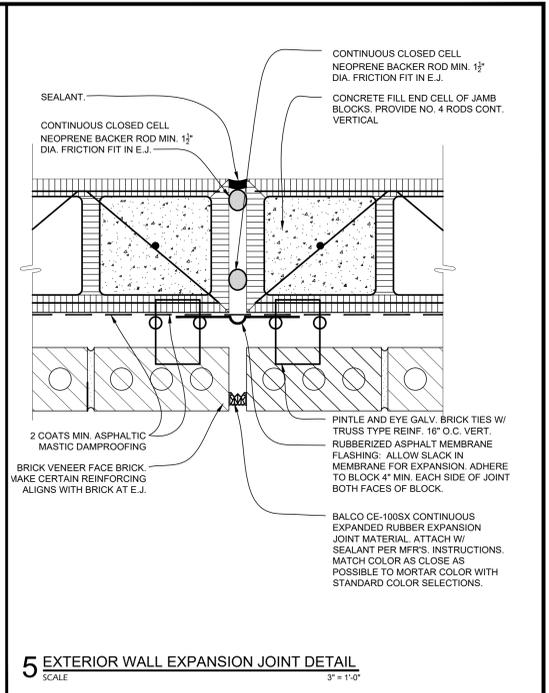
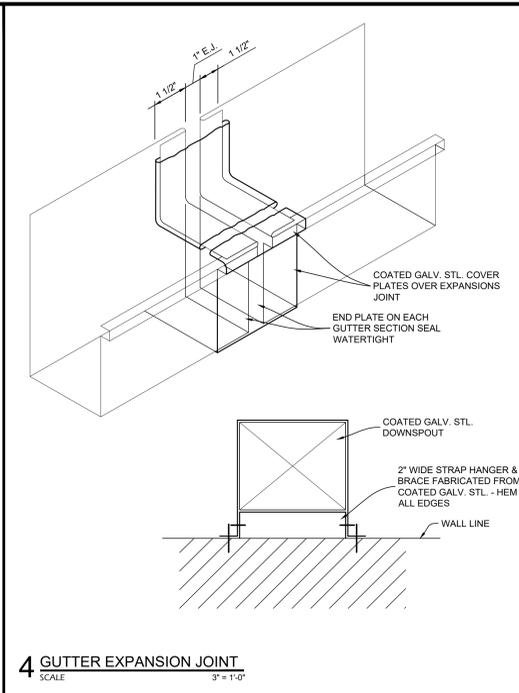
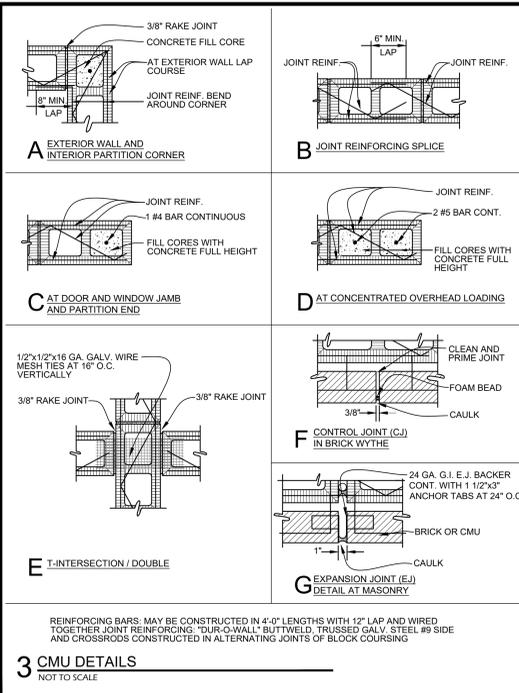
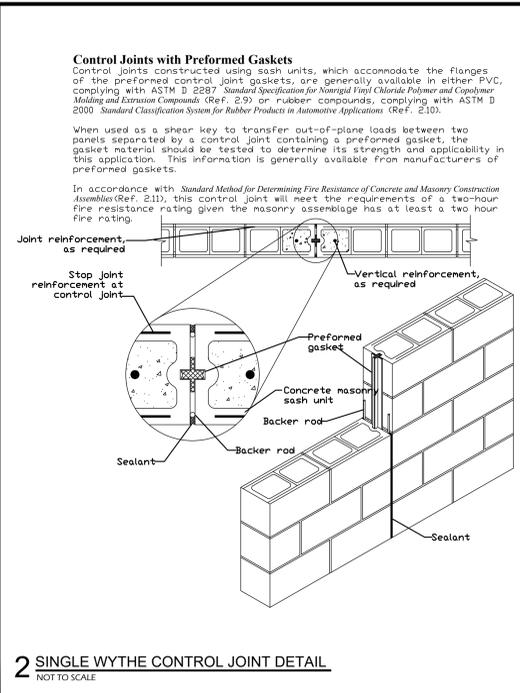
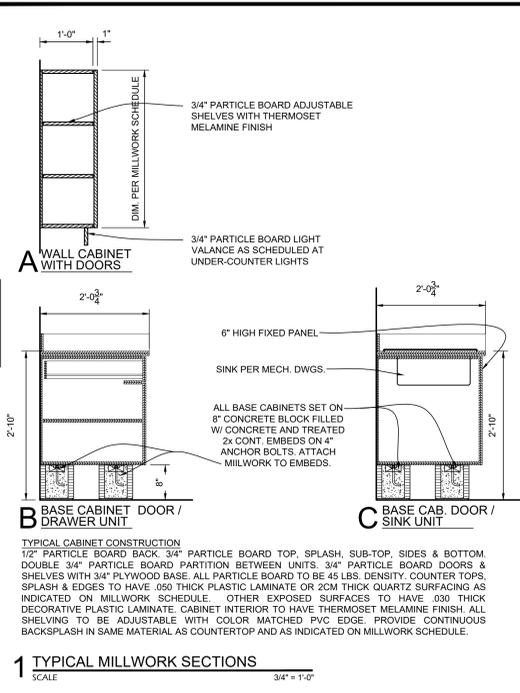
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**PAN AMERICAN ENGINEERS, LLC**  
 1717 JACKSON STREET (71301)  
 P.O. BOX 8509 (71308)  
 ALEXANDRIA, LA.



**8 ABBREVIATIONS**  
NOT TO SCALE

A.B.	ANCHOR BOLT	F.	FABRIC	PRTN.	PARTITION
A.E.S.	ALUMINUM EDGE STRIP	F.A.	FRESH AIR	PTD.	PAPER TOWEL DISPENSER
A.F.	ANGLE	F.D.	FLOOR DRAIN	P.V.	PLYWOOD
A.F.F.	ABOVE FLOOR FINISH	F.F.	FINISH FLOOR	PL.	PLUS OR MINUS
A.T.	ALUMINUM THRESHOLD	F.G.	FINISH GRADE	Q.T.	QUARRY TILE
A.C.	AIR CONDITIONING	F.H.C.	FIRE HOSE CABINET	R.A.	RETURN AIR
A.C.	ACOUSTIC	F.E.L.	FIRE EXTINGUISHER	R.D.	ROOF DRAIN
A.DJ.	ADJUSTABLE	F.E.C.	FIRE EXTINGUISHER	R.E.S.	RUBBER EDGE STRIP
A.AG.	AGGREGATE	F.CAB.	FIRE EXTINGUISHER CABINET	R.F.	ROOF FAN
A.ALK.	ALUMINUM	F.FND.	FOUNDATION	R.O.W.	R.O.W.
A.ANC.	ANCHOR	F.FIN.	FINISH	R.S.	ROOF SCUTTLE
S.	AND	F.FL.	FLOOR	RND.	ROUND
A.ANG.	ANGLE	F.FURN.	FURNISH	REF.	REFERENCE, REFER
B.M.	BENCH MARK	G.C.	GENERAL CONTRACTOR	REF.	REFERENCE, REFER
B.T.	BATH TUB	G.I.	GALVANIZED IRON	RENF.	REINFORCE, REINFORCING
B.D.	BOARD	GP.	GLAZED PARTITION	REQD.	REQUIRED
B.LG.	BLOCKING	GA.	GALVANIZE	R.H.	RIGHT OF WAY
B.K.	BLOCK	GLV.	GALVANIZE	R.M.	ROOM
B.K.G.	BLOCKING	GL.	GLASS	RM.	ROOM
B.B.	BREAM	GR.	GRASS	SECT.	SECTION
BOT.	BOTTOM	GYP.	GYPSUM	S.	SINK
C.	COURSES	H.B.	HOSE BIBB	S.A.	SUPPLY AIR
C.B.	CORNER	HDF.	HANDICAPPED DRINKIN	S.C.	SUBCONTRACTOR
C.B.	CATCH BASIN	SJ.	SLOPE JOINT	SJ.	SANITARY
C.I.	CAST IRON	H.E.W.C.	HANDICAP ELECTRIC	SAN.	SANITARY
C.J.	CONSTRUCTION JOINT	H.L.	HANDICAP LAVATORY	SCHD.	SCHEDULE
C.O.	CLEAN OUT	H.MF.	HOLLOW METAL FRAME	SH.	SHOWER
C.R.C.	COLD ROLLED CHANNEL	H.VAC.	HVAC	SIM.	SIMILAR
C.T.	CERAMIC TILE	H.W.	HOT WATER	SL.	SLOPE
C.W.	COLD WATER	H.W.C.	HANDICAP WATERCLOSET	SP.	SPLASH PAD
CAB.	CABINET	H.W.H.	HOT WATER HEATER	SP.	SPECIFICATION
C.	CENTERLINE	HD.	HEAD HEIGHT	SQ.	SQUARE
C.H.	CHANNEL	HGT.	HEIGHT	SR.	SHEET RUBBER
CJ.	CONTROL JOINT	HHSMS.	HEX HEAD SHEET METAL	SS.	SERVICE SINK, STAINLESS
CH.	CONSTRUCTION JOINT	HORZ.	HORIZONTAL	STL.	STEEL
CLO.	CLOSET	INSUL.	INSULATION	STOR.	STORAGE
CLG.	CEILING	INV.	INVERT	STR.	STRUCTURAL
COL.	COLUMN	JNT.	JOINT	SUSP.	SUSPENDED
CONC.	CONCRETE	JST.	JOIST	SYN.	SOUTHERN YELLOW PINE
CONT.	CONTINUOUS	JST.	JOIST	TB.	TACKBOARD
CONTR.	CONTRACTOR	LAM.	LAMINATE	T.G.	TONGUE & GROOVE
COP.	COPPER	L.LAV.	LAVATORY	T.C.	THIS CONTRACT
CP.	CARPET	LBBS.	LINTEL BLOCK BOND BEAM	T.C.B.	TOP CATCH BASIN
CRFC.	COLDER ROLLED FRAMING	LT. WGT.	LIGHTWEIGHT	T.	TOP OF CURB
CSFHWS.	COUNTER SINK FLAT	MAG.	MAGNOLIA	TIC.	TOP OF CURB
DF.	HEAD WOOD SCREW	MAS.	MASONRY	TEL.	TELEPHONE
DJ.	DRAINING JOINT	MB.	MELAMINE BOARD	THK.	THICK
DUM.	DUMMY JOINT	MED.	MECHANICAL	TLT.	TOILET
D.T.L.	DOUBLE TIER LOCKER	MED.	MEDICINE/MEDICAL	TG.	TOP OF GRADE
DET.	DETAIL	MET.	METAL	TS.	TUBE SECTION
DIA.	DIAMETER	MFR.	MANUFACTURER	TYP.	TYPICAL
DIAG.	DIAGONAL	MT.	MARBLE THRESHOLD	UNO.	UNION
DM.	DIMENSION	MTD.	MOUNTED	U.	U.R.
DSP.	DISPENSER	N.I.C.	NOT IN CONTRACT	V.	VINYL
DR.	DOOR	N.T.S.	NOT TO SCALE	VCT.	VINYL COMPOSITION TILE
DS.	DOWNSPOUT	#	NUMBER	V.V.	VERTICAL
DW.	DRAWING	O.A.	OUTSIDE AIR	V.T.R.	VENT THRU ROOF
DWG.	EDGE BAND	O.C.	ON CENTER	VERT.	VERTICAL
E.B.	EXISTING GRADE	O.C.	ON CENTER	WATERPROOFING	WATERPROOFING
E.G.	EXISTING GRADE	O.P.	OPPOSITE	WH.	WATER HEATER
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	O.PG.	OPPOSITE	WR.	WASTE RECEPTACLE
EJ.	EXPANSION JOINT	P.G.	PAINT GRADE	WC.	WATER CLOSET
EA.	EACH	P.L.	PLASTIC LAMINATE	WD.	WOOD
ELEC.	ELECTRIC	P.P.T.	PENTA PRESSURE	WV.	WINDOW
ELEV.	ELEVATION	PERF.	PERFORATED	WDF.	WELDED WIRE FABRIC
EQUIP.	EQUIPMENT	PERM.	PERMETER	VP.	YELLOW PINE
E.W.	EACH WAY	PL.	PLATE PROPERTY LINE		
E.W.C.	ELECTRICAL WATER	PLAS.	PLASTER, PLASTIC		
EXP.	EXPOSED	POLY.	POLYETHYLENE		
EXTG.	EXISTING	PR.	PROPERTY LINE		
EXT.	EXTERIOR				

**FINISH SCHEDULE**  
FINISH LEGEND: BLANK SPACES = NO WORK

**FLOOR TYPES**  
1 Resinous Floor Coating

**CEILING TYPE**  
50 Paint on Plywood

**BASE TYPES**  
20 Rubber Cove 4" High  
21 Ceramic Tile Cove - Nominal 4" High x 4" Wide

**WALL TYPES**  
30 Water Based Epoxy Paint on CMU

**TOILET ACCESSORY SCHEDULE**

ACCESSORY ITEMS

GB1= 1-42" x 1-36" GRAB BAR. MOUNT AS SHOWN ACCORDING TO ADA GUIDELINES. BOBRICK MODEL 5806

GB2= 1-L-SHAPED SHOWER GRAB BAR. MOUNT ACCORDING TO ADA GUIDELINES. BOBRICK MODEL 58616

SD1= SOAP DISPENSER. OWNER PROVIDED, CONTRACTOR INSTALLED. MOUNT ACCORDING TO DETAILS ON A4

TP1= TOWEL DISPENSER. MOUNT ACCORDING TO DETAILS ON A4. BOBRICK MODEL B-2821

T2= TOWEL DISPENSER. MOUNT ACCORDING TO DETAILS ON A4. BOBRICK MODEL B-3942

CH1= COAT HOOK. BOBRICK B-582. MOUNT 66" AFF UNLESS OTHERWISE NOTED.

TP1= TOILET PAPER HOLDER. MOUNT ACCORDING TO DETAILS ON A4. BOBRICK MODEL B-2890

M1= MIRROR. BOBRICK 165-1836 (18X36). MOUNT ACCORDING TO DETAILS ON A4.

MR= MOP AND BROOM HOLDER. BOBRICK MODEL B223 X24.

(#) = INDICATES NUMBER REQUIRED IN ROOM

**TOILET ACCESSORY SCHEDULE**

ROOM MARK	ROOM NAME	GRAB BARS	SOAP DISP.	TOILET PAPER HOLDER	MIRROR TYPE	SHOWER SEAT	SHOWER CURTAIN	MOP RACK
A101	CONCESSION							
A102	SUPPLY							MR(1)
A103	MEN'S TOILET	GB1(1)	T2(2)	TP1(2)	M1(3)	SD1(2)	CH1(2)	
A104	WOMEN'S TOILET	GB1(1)	T2(2)	TP1(5)	M1(3)	SD1(2)	CH1(5)	

**DOOR SCHEDULE**

ABBREVIATIONS

X = PAIR  
60 = 60 MINUTE FIRE RATED DOOR AND FRAME  
45 = 45 MINUTE FIRE RATED DOOR AND FRAME  
20 = 20 MINUTE FIRE RATED DOOR AND FRAME

FL = FLUSH FACE DOOR  
FVP = FLUSH WITH VISION PANEL  
1PG = 1 PANEL GLASS  
2PG = 2 PANEL GLASS

ANO = ANODIZED ALUMINUM  
PL = PLASTIC LAMINATE  
PNT = PAINTED

AF = ALUMINUM METAL FRAME  
HMF = HOLLOW METAL FRAME

SHADED AREA INDICATED CHANGES MADE IN ADDENDUM

**REMARK NOTES**

1	
2	
3	

**DOOR OPENING SCHEDULE:**

A/DR.	DOOR	P	R	ELEV	A	I	MARK	R	LEAF	WIDTH	DOOR	DOOR	DOOR	FINISH	LOUVER	HWDR	DOOR DETAILS				DOOR	FRAMES			REMARKS		
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	HEAD	JAMB	SILL	RATING	TYPE	FRAME	FRAME	DEPTH	REMARKS	
																	1	10A3	10A3								
A101	A									3-0	7-0	1-3/4"	HME	FL	PNT		1	10A3	10A3		HMF	HMF-1	8-3/4"				
A102	A									3-0	7-0	1-3/4"	HME	FL	PNT		2	10A3	10A3		HMF	HMF-1	8-3/4"				
A103	A									3-0	7-0	1-3/4"	HME	FL	PNT		2	10A3	10A3		HMF	HMF-1	8-3/4"				
A104	B									5-4	4-6		COLING SHUTTER	MANUAL OPERATED				8/A3	7/A3		FACE MOUNTED TO BLOCK						

PRINTED: 10/31/2025 2:26 PM  
FILE PATH: M:\DBS\2025-13\_APPJ RECREATIONAL COMPLEX DRAWINGS\WORKING\APPJ Concessions-Toilets.dwg

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CALL LOUISIANA ONE CALL - JUST DIAL 811  
LOUISIANA STATE LAW, SECTION 24:007(4)(5), REQUIRES EXCAVATORS AND DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATOR OF ANY UNDERGROUND UTILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

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**AVOUELLES PARISH POLICE JURY**  
**RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)**  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

**SHEET NUMBER**  
A4 OF 4A

**THIS DRAWING IS APPROVED FOR CONSTRUCTION**  
**THIS DRAWING IS NOT APPROVED FOR CONSTRUCTION**

**DRAWN BY**  
**DATE** 10/31/25

**REVISION** **DATE**

**CHECKED**

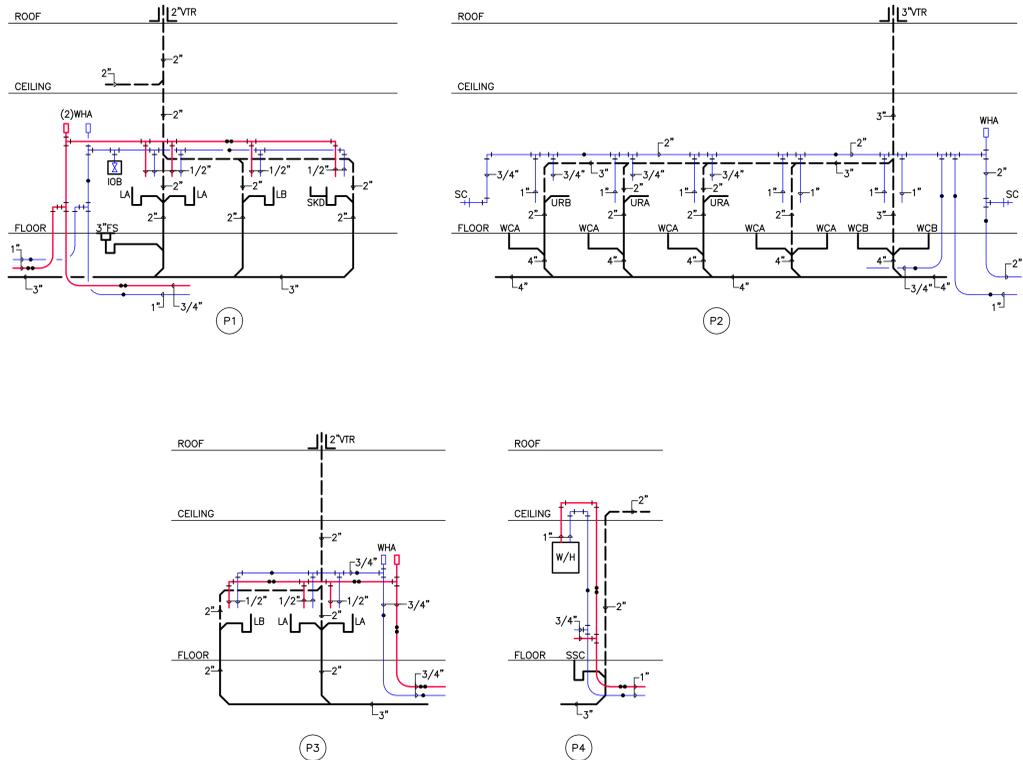
**BOOK NO.** N/A

**JOB NO.** 12719

**DWG. NO.** 14672

**SCALE** SHOWN

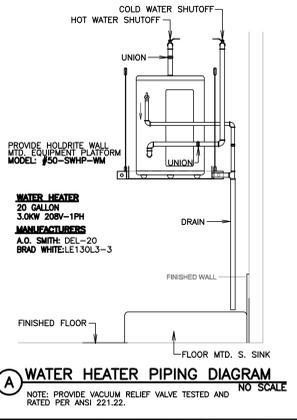
**ADD. ALT. NO. 1 SCHEDULES & DETAILS**



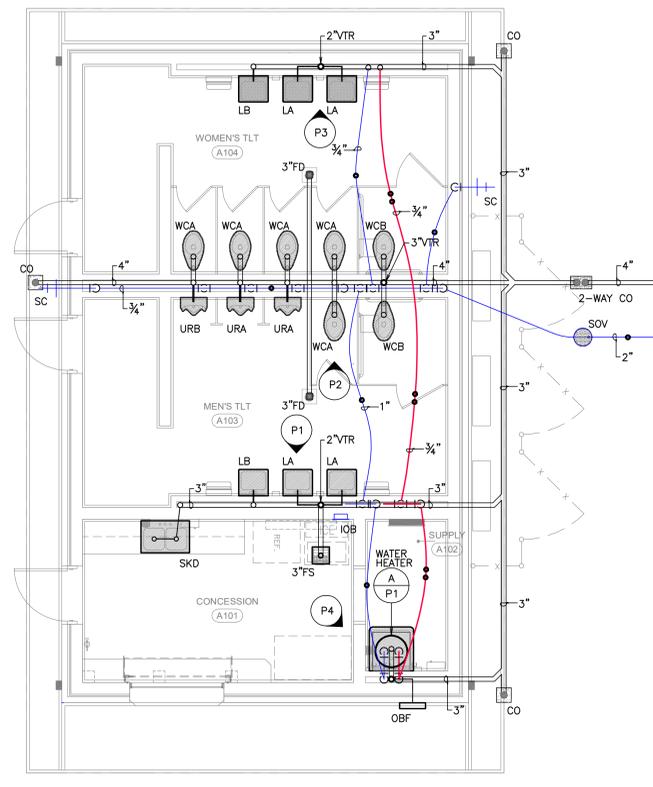
**PLUMBING RISER DIAGRAMS** NO SCALE  
NOTE: PROVIDE WATER HAMMER ARRESTORS AS SPECIFIED

PLUMBING FIXTURE SCHEDULE						
* CERTIFIED COMPLIANCE WITH ADA GUIDELINES AND ANSI A117.1 REQUIREMENTS FOR PEOPLE WITH DISABILITIES						
(1) ALL FIXTURES SHALL COMPLY WITH THE LOUISIANA STATE LEAD LEGISLATION (HB.471)						
(2) PROVIDE ASSE 1070 CERTIFIED POINT OF USE ANTI-SCALD MIXING VALVE AT ALL LAVATORIES AND SINKS.						
FIXTURE DESIG.	MFR.	FIXTURE	FITTING OR VALVE	STRAINER	TRAP	SUPPLY PIPES
WCA FLOOR MTD. WATER CLOSET	AMSTAN ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	2234.001 K-4350 Z-5655 CT705E 26-830 ST2003-1.6 13325 1319NS B432	6047.161.002			1 1/2" TOP SPUD
WCB* FLOOR MTD. WATER CLOSET ADA COMPLIANT	AMSTAN ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	3043.102 K-4350 Z-5655 3H701 26-830 ST2003-1.6 13325 1319NS B472	6047.161			1 1/2" TOP SPUD
LA WALL MTD. LAVATORY	AMSTAN KOHLER ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	0355.012 K-4350 Z-5655 3H701 26-830 ST2003-1.6 13325 1319NS B472	5500.170	2411.015 803-0552 K-7715 WATTS 629	8872C(M) 804-1180 K-8998 WATTS 519	2165 LK(M) 802-0325 K-7807
LB* WALL MTD. LAVATORY ADA COMPLIANT	AMSTAN KOHLER ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	0355.012 K-4350 Z-5655 3H701 26-830 ST2003-1.6 13325 1319NS B472	5500.170	7723.018 LKAD174 K-7131 WATTS 628	8872C(M) 804-1180 K-8998 WATTS 519	2165 LK(M) 802-0325 K-7807
URA WALL MTD. URINAL	AMSTAN KOHLER ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	6590.001 K-4991 1412 Z-5344 186-1 SU1006-1.0 01447E 410 U493	1.0 GPM FLUSH VALVE	BEEHIVE STRAINER	INTEGRAL	3/4" TOP SPUD
URB* WALL MTD. URINAL HANDICAPPED	AMSTAN KOHLER ZURN TOTO GERBER SLOAN CRANE MANSFIELD W. POTTERY	6590.001 K-4991 1412 Z-5344 186-1 SU1006-1.0 01447E 410 U493	1.0 GPM FLUSH VALVE	BEEHIVE STRAINER	INTEGRAL	3/4" TOP SPUD
SKD COUNTERTOP SINK	ELKAY ZURN	LR-3319 DL-1833A	LK-2472BH JV-1122W4 Z-87164 4" BLADE HANDLES	(2) LK-35 (2) LV-35T (2) Z8741-SS	8912(M) ELJER 804-1190 K-8900	2165 LK(M) ELJER 804-1190 K-8900
OBF RECESSED OUTDOOR BOTTLE FILLER ADA COMPLIANT	MURDOCK	M-0BR4	PUSH CONTROL	GRID		8872 (M) ELJER 804-1180 KOHLER K-9000
IOB WATER MAKER OUTLET BOX	OATEY LSP SPECIALTY PRODUCTS	MODA 37378 OB-801				1/2" CW
SSC FLOOR MTD. SERVICE SINK WITH WALL GUARD	FIAT ZURN	MSB 2424 Z1996-24	ZURN Z841M1 KOHLER K8908			LEONARD 170-LF LAWLOR 570
FD FLOOR DRAIN WITH PROSET TRAP GUARD	WADE SMITH ZURN JOSAM WATTS	W-1100-1 2010-A Z-415 30000-E FD-100-A	PROVIDE TRAP GUARDS AT ALL PUBLIC RESTROOMS, PLENUMS OR OTHER LOCATIONS INDICATED ON DRAWINGS.	SATIN NICKEL BRONZE	CAST IRON DEEP SEAL P-TRAP	SEE PLAN FOR SIZE OF CONNECTION
FS FLOOR SINK WITH TRAP GUARD	WADE ZURN JOSAM WATTS MIFAB	W-9140-1-16 2N-1501-KC 49340A-NB FS-740-F-1 175-C 1740-FL		ALUMINUM OR CAST IRON DOME	CAST IRON DEEP SEAL P-TRAP W/ TRAP GUARD	SEE PLAN FOR SIZE OF CONNECTION

PIPE AND FITTING MATERIAL SCHEDULE				
ALL PIPE AND FITTING MATERIALS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE IPC AND THE LA. AMENDMENTS				
SERVICE	PIPE MATERIAL	JOINT TYPE	FITTING MATERIAL	REMARKS
SOIL WASTE VENT & STORM DRAIN PIPING ABOVE & BELOW FIRST FLOOR SLAB AND BLDG SEWER (EXTERIOR)	SCHEDULE 40 P.V.C. ASTM D 2665, ASTM F 891	SOLVENT WELDED	SCHEDULE 40 P.V.C. ASTM D 2665, ASTM F 1866	
DOMESTIC WATER BELOW FIRST FLOOR SLAB, FOR SIZES 3" AND SMALLER (BLDG. INTERIOR)	PEX ASTM F 877, SDR 9 TUBING RATED FOR RATED FOR 100 PSI @ 180°F	METAL-INSERT TYPE WITH COPPER BRIM FITTINGS ABOVE SLAB	METAL-INSERT, ASTM1807	NO FITTINGS BELOW SLAB.
DOMESTIC WATER ABOVE FIRST FLOOR SLAB, INTERIOR	TYPE "L" HARD COPPER, ASTM B-88	95-S SOLDER WITH INTERMEDIATELY CORROSIVE FLUX	WROUGHT COPPER	



**WATER HEATER PIPING DIAGRAM** NO SCALE  
NOTE: PROVIDE VACUUM RELIEF VALVE TESTED AND RATED PER ANSI Z21.22.



**FLOOR PLAN PLUMBING** 1/4"=1'-0" N

PLUMBING SYMBOLS	
SYMBOL	DESCRIPTION
---	SOIL OR WASTE LINE BELOW FLOOR OR GRADE
---	SOIL OR WASTE LINE ABOVE FLOOR
---	SEWER VENT
---	COLD WATER
---	HOT WATER
HB - SC	HOSE BIBB, SILL COCK
FD	FLOOR DRAIN
CO	CLEANOUT (INTERIOR)
SOV	SHUT OFF VALVE
WHA	WATER HAMMER ARRESTER
GV	GATE VALVE WITH VALVE BOX (EXTERIOR)
CO	CLEANOUT (EXTERIOR)
CO	TWO WAY CLEANOUT (EXTERIOR)
1	PLUMBING NOTE REFERENCE
A	DETAIL DESIGNATION
M1	SHEET WHERE DETAIL IS LOCATED

12" 0" 5" 10"  
SCALE: 1/4" INCH = 1 FOOT

**STATE OF LOUISIANA**  
CONSULTING ENGINEERS  
300 HENRY STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71205  
PHONE: 337-452-1462 FAX: 337-452-4623  
www.AFJME.com

**JOHN C. WILSON**  
REG. NO. 19008  
REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL ENGINEERING  
LICENSE NO. 293-2025-10

ENGINEER: KEVIN L. WILSON  
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 25-203

ADD. ALT. NO.1 PLANS - PLUMBING

**PAN AMERICAN ENGINEERS, LLC**  
1717 JACKSON STREET (71301)  
P.O. BOX 8569 (71309)  
ALEXANDRIA, LA.

DATE DRAWING LAST PLOTTED: 10/29/25 TIME: 08:46:50  
DATE DRAWING LAST SAVED: 10/21/25 TIME: 09:57:37  
PRINTED: 10/29/2025 8:47 AM  
FILE PATH: T:\25-203\PL049

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THIS DRAWING IS APPROVED FOR CONSTRUCTION.

APPROVED FOR CONSTRUCTION.

DRAWN BY: MAD  
DATE: 10/31/25

REVISION DATE

CHECKED: JCW  
BOOK NO.: N/A  
JOB NO.: 12719

DWG. NO.  
SCALE: SHOWN

ADD. ALT. NO.1 PLANS PLUMBING

OWNER: AVOUELLES PARISH POLICE JURY  
PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

SHEET NUMBER  
**P1**  
OF 1P

MECHANICAL SYMBOLS	
SYMBOL	DESCRIPTION
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
—RV—	REFRIGERANT VAPOR LINE
—D—	CONDENSATE DRAIN LINE
⊕	ROOM THERMOSTAT
◇	DOOR LOUVER - PRICE MODEL ATGH, HEAVY DUTY, SITE PROOF TRANSFER GRILLE
S.A.R.A.O.A	SUPPLY AIR, RETURN AIR, OUTSIDE AIR
(M1)	MECHANICAL NOTE REFERENCE
●	POINT OF CONNECTION
(X)	DETAIL DESIGNATION
(XX)	SHEET WHERE DETAIL IS LOCATED

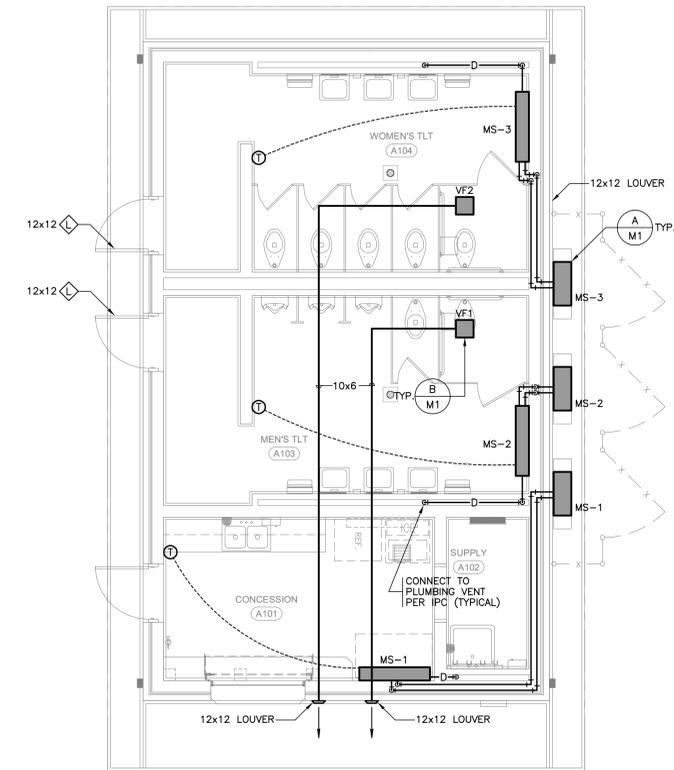
AIR UNIT, D-X COIL & CONDENSING UNIT SCHEDULE (MINI-SPLIT)																					
UNIT NO.	SERVICE	BLOWER FAN DATA					COOLING/HEATING			HEATER			OUTDOOR UNIT			REMARKS					
		TOTAL CFM	FLN AMPS	HP	VOLTAGE	RPM	DRIVE	TOT MBH	PT/H	ENT AIR F DB / WB	MBH	ENT AIR F DB / WB	MIN SEER	MCA SIZE	FUSE SIZE		VOLTAGE	RS	RL	DR	
MS-1	A101	530	0.20	-	230V - 1Ø	-	-	22.0	6.3	80	67	22.00	80 / 67	15.0	15.8	20.0	230V - 1Ø	5/8"	1/4"	11/16"	WALL MOUNTED
MS-2	A103	530	0.20	-	230V - 1Ø	-	-	22.0	6.3	80	67	22.00	80 / 67	15.0	15.8	20.0	230V - 1Ø	5/8"	1/4"	11/16"	WALL MOUNTED
MS-3	A104	530	0.20	-	230V - 1Ø	-	-	22.0	6.3	80	67	22.00	80 / 67	15.0	15.8	20.0	230V - 1Ø	5/8"	1/4"	11/16"	WALL MOUNTED

NOTES: (1) PROVIDE SINGLE POINT CONNECTION.  
(2) ROUTE R/LRV LINES CONCEALED IN WALL UNLESS OTHERWISE NOTED, AND PROVIDE MANUFAC. CONCEALED WALL MOUNT KIT.  
(3) PROVIDE INTEGRATED MANUFACTURE CONDENSATE PUMP.

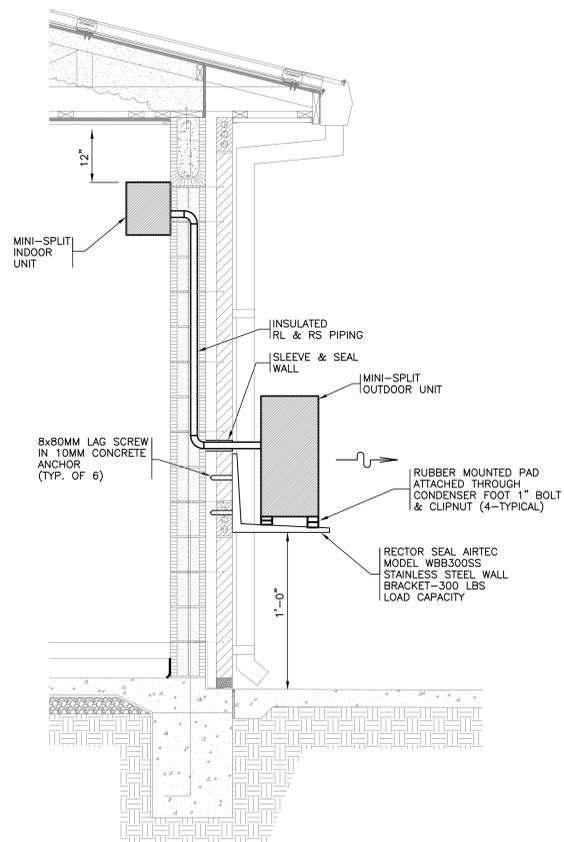
PIPE AND FITTING MATERIAL SCHEDULE				
SERVICE	PIPE MATERIAL	JOINT TYPE	FITTING MATERIAL	REMARKS
CONDENSATE DRAIN PIPING	SCHEDULE 40 PVC	SOLVENT WELDED	SCHEDULE 40 PVC,	PROVIDE TEE WITH PLUG AT EACH 90 DEGREE ELL
REFRIGERANT PIPING	REFRIGERANT SERVICE (SEALED) TYPE "L" COPPER ASTM B-88	SIL-FOS (SILVER BRAZED)	WROUGHT COPPER	

VENTILATION FAN SCHEDULE									
MARK	SERVICE	CFM	SP	SONES (MAX)	MAX RPM	DRIVE	WATTS	VOLTAGE	REMARKS
VF1	A103 MEN'S TLT	250	0.25	4.0	1200	DIRECT	140	115V-1Ø	CEILING CABINET
VF2	A104 WOMEN'S TLT	250	0.25	4.0	1200	DIRECT	140	115V-1Ø	CEILING CABINET

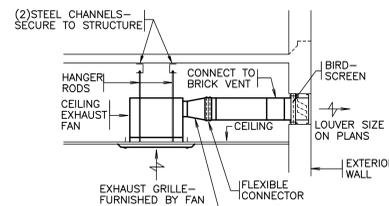
NOTES: (1) PROVIDE SOLID STATE VARIABLE FAN SPEED CONTROL.



FLOOR PLAN HVAC 1/4"=1'-0" N



A DETAIL - MINI-SPLIT A/C UNIT NO SCALE



B DETAIL - EXHAUST FAN NO SCALE

SCALE: 1/4" INCH = 1 FOOT

STATE OF LOUISIANA  
**JOHN C. WILSON**  
 REGISTERED PROFESSIONAL ENGINEER  
 LICENSE NO. 19008  
 EXPIRES 12-31-2025

CONSULTING ENGINEERS  
 300 HANCOCK STREET, SUITE 100  
 SHREVEPORT, LOUISIANA 71105  
 PHONE: 318-452-4162 FAX: 318-452-4163  
 www.AF-AME.com

ENGINEER: **JOHN WILSON P.E.**  
 LICENSE NO. 19008

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. 25-203

ADD. ALT. NO.1 PLANS - MECHANICAL



**PAN AMERICAN ENGINEERS, LLC**  
 1717 JACKSON STREET (71301)  
 P.O. BOX 8509 (71308)  
 ALEXANDRIA, LA.

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CALL LOUISIANA ONE CALL - JUST DIAL 811  
 LOUISIANA STATE LAW, SECTION 8:407.4(1)(b), REQUIRES EXCAVATORS AND DEMOLISERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

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SCALE NOTE  
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ADD. ALT. NO.1 PLANS  
 MECHANICAL

OWNER: AVOUELLES PARISH POLICE JURY  
 PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
 5197 HIGHWAY 115  
 BUNKIE, LOUISIANA 71322

SHEET NUMBER  
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 OF 1M

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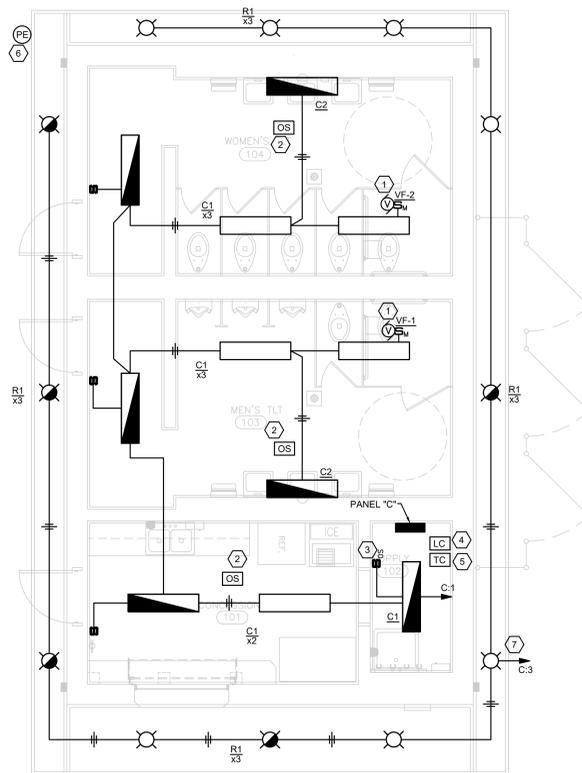
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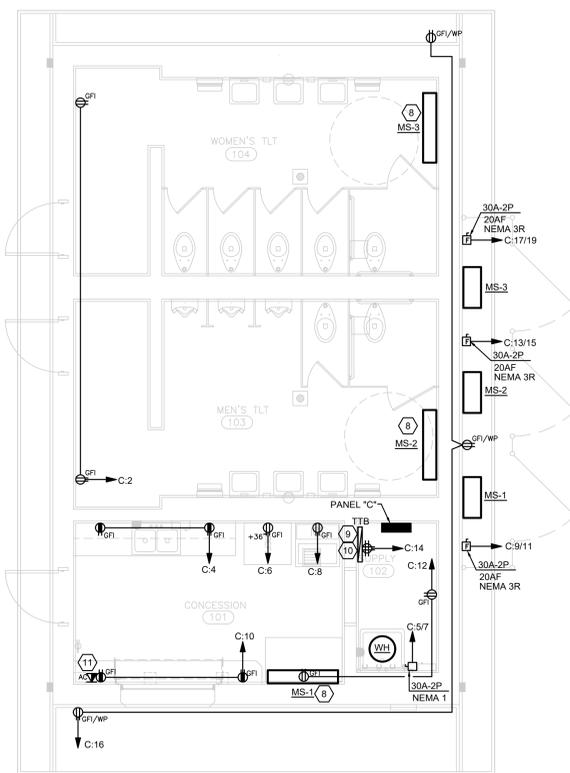
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DWG. NO.  
 SCALE: SHOWN

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	WALL OUTLET - DUPLEX RECEPTACLE
	WALL OUTLET - DUPLEX RECEPTACLE, FLUSH MOUNTED, NEMA 5-20R
	WALL OUTLET - DUPLEX OUTLET, WITH GROUND FAULT INTERRUPTING FEATURE
	WALL OUTLET - DUPLEX OUTLET, WITH GROUND FAULT INTERRUPTING FEATURE, WP INDICATES WEATHERPROOF COVER PROVIDED
	WALL OUTLET - DUPLEX RECEPTACLE, FLUSH MOUNTED ABOVE COUNTER, NEMA 5-20R
	WALL OUTLET - DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED, NEMA 5-20R
	PANELBOARD REFER TO SCHEDULE
	GROUNDING ELECTRODE CONNECTION
	DISCONNECT SWITCH, FUSIBLE
	ELECTRIC VENT FAN
	CEILING OUTLET - LUMINAIRE REFER TO FIXTURE SCHEDULE
	"X" EQUAL FIXTURE MARK, "Z" EQUAL BR CKT DESIGNATION, "A" INDICATED CONTROLLING SWITCH LEG
	WALL BRACKET - LUMINAIRE REFER TO FIXTURE SCHEDULE, "X" EQUAL FIXTURE MARK
	STRIP FIXTURE, REFER TO FIXTURE SCHEDULE, "X" EQUAL FIXTURE MARK
	LUMINAIRE WITH INTEGRAL EMERGENCY POWER PACK
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL SWITCH - 20AMP, 120/277V, SPST
	WALL SWITCH - 20AMP, 120/277V, DIMMING
	MOTOR RATED WALL SWITCH - 20AMP, 120/277V, WITH INTEGRAL THERMAL OVERLOAD
	WALL SWITCH - 20AMP, 120/277V WITH OCCUPANCY SENSOR CONTROL
	CONDUIT CONCEALED IN WALL OR OVERHEAD (#12 AWG UNLESS NOTED OTHERWISE OR REQUIRED)
	SHORT SLASHES = PHASE OR SWITCHED CONDUCTORS, LONG SLASHES = NEUTRAL CONDUCTORS, NO SLASHES = 120/208-3PH, 0/0/0
	HOMERUN TO PANEL (CIRCUIT NUMBERS INDICATED)
	NUMBER OF CURRENT CARRYING, INTEGER INDICATES CONDUCTOR SIZE
	TELEPHONE SYSTEM - TERMINAL BACKBOARD (TTB)
	COMM OUTLET, - VOICE & DATA, RECESSED IN WALL, UON WHERE SUBSCRIPT "AC" SHOWN INDICATES ABOVE COUNTER
	ELECTRICAL KEYED NOTE REFERENCE
NOTE: ALL SYMBOLS MAY NOT BE USED	

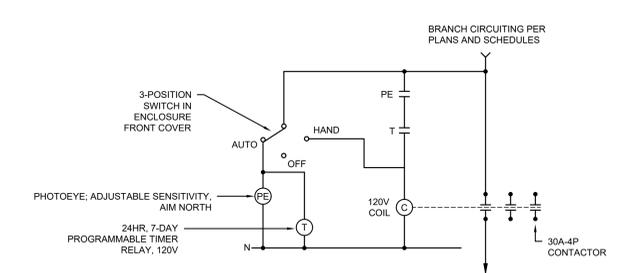


**CONCESSIONS ELECTRICAL LIGHTING PLAN**  
SCALE: 1/4"=1'-0"



**CONCESSIONS ELECTRICAL POWER PLAN**  
SCALE: 1/4"=1'-0"

- ELECTRICAL NOTES:**
- EXHAUST FAN CONNECTED TO ROOM LIGHTS. FAN TO RUN WITH LIGHTS ON.
  - DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-500". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
  - PASSIVE INFRARED, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-IR-S-1W".
  - OUTDOOR LIGHTING CONTACTOR SHALL BE 4-POLE, RATED 20A/30A (TUNGSTENBALLAST), 120/240 VOLT, 10KAIC WITHSTAND RATING, MECHANICALLY HELD WITH 120 VOLT COIL AND 2-WIRE CONTROL. CONTROL CONTACTOR WITH PHOTOCELL "ON/TIME/CLOCK/OFF" CONTROL. PROVIDE ENGRAVED NAMEPLATE DENOTING "OUTDOOR LIGHTING CONTACTOR", ATTACHED WITH SCREWS OR RIVETS. REFERENCE DETAIL "A", THIS SHEET.
  - NEW LIGHTING TIME CLOCK SHALL BE SETUP TO CONTROL THE NEW LIGHTING CONTACTOR VIA PHOTO CELL AS FOLLOWS: TURN ON OUTDOOR LIGHTING AT DAWN AND TURN OFF LIGHTING AT DAWN OR OTHER TIME AS STIPULATED BY OWNER. PROVIDE NAMEPLATE DENOTING "OUTDOOR LIGHTING TIME CLOCK", ATTACHED WITH SCREWS OR RIVETS.
  - OUTDOOR LIGHTING PHOTOELECTRIC SWITCH SHALL BE EQUAL TO TORK MODEL 2107.
  - ROUTE CONDUCTORS THROUGH OUTDOOR LIGHTING CONTACTOR.
  - INDOOR MINI-SPLIT UNIT POWERED THROUGH CONNECTION TO OUTDOOR UNIT.
  - PROVIDE 3/4"X2"X8" PLYWOOD BACKBOARD PAINTED WHITE. EXTEND (2), 2" C SHOWN ON BASE BID AND STUBBED UP UNDER BACKBOARD FOR CAT6 SERVICE.
  - PROVIDE #6 INSULATED SOLID COPPER GROUNDING CONDUCTOR FROM PANEL "C" GROUND BUS TO TTB.
  - PROVIDE 4" SQUARE RECESSED BOX WITH SINGLE GANG TRIM AND 2/4" EXTENDED TO TTB FOR A DUPLEX DATA OUTLET ABOVE COUNTER AT THIS LOCATION. PROVIDE FACEPLATE WITH TWO RJ-45 OUTLETS AND PULL CAT6 CABLE BACK TO TTB.



**OUTDOOR LIGHTING CONTACTOR CONTROL DIAGRAM**  
NOT TO SCALE  
NOTE: CONTACTOR AND CONTROL COMPONENTS TO BE MOUNTED IN NEMA 1 ENCLOSURE.

PANELBOARD SCHEDULE													
PANEL: C			MANS: 70A MCB			SERVICE: 120/208VAC, 3PH, 4W			MOUNTED: SURFACE				
MAN BUS: 100 AMPS			AIC: 10,000 AMPS RMS SYM.			TYPE: NEMA 1			LOCATION: SUPPLY 102				
BUS AND BRACING			CIRCUIT NUMBER			CIRCUIT NUMBER			CIRCUIT NUMBER				
RECEPTORY	L1	L2	L3	RATING	QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CIRCUIT NUMBER	RECEPTORY	L1	L2	L3
RECEPTACLE	0.5	0.2		20A/1P	2#12#12G	3/4"	1	2	3/4"	2#12#12G	20A/1P	0.4	0.4
REFRIGERATOR				20A/2P	2#12#12G	3/4"	3	4	3/4"	2#12#12G	20A/1P		
ICE MACHINE	1.5			20A/2P	2#12#12G	3/4"	5	6	3/4"	2#12#12G	20A/1P		
RECEPTACLE		1.8		20A/2P	2#12#12G	3/4"	7	8	3/4"	2#12#12G	20A/1P		
RECEPTACLE			1.8	20A/2P	2#12#12G	3/4"	9	10	3/4"	2#12#12G	20A/1P	0.4	0.4
RECEPTACLE				20A/2P	2#12#12G	3/4"	11	12	3/4"	2#12#12G	20A/1P		
RECEPTACLE				20A/2P	2#12#12G	3/4"	13	14	3/4"	2#12#12G	20A/1P	0.4	0.4
EXTERIOR RECEPT.				20A/2P	2#12#12G	3/4"	15	16	3/4"	2#12#12G	20A/1P		
SPARE				20A/2P	2#12#12G	3/4"	17	18	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	19	20	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	21	22	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	23	24	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	25	26	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	27	28	20A/1P				
SPARE				20A/2P	2#12#12G	3/4"	29	30	20A/1P				
SUB-TOTAL	5.6	3.8	5.1								1.8	1.4	1.4

REMARKS:

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA

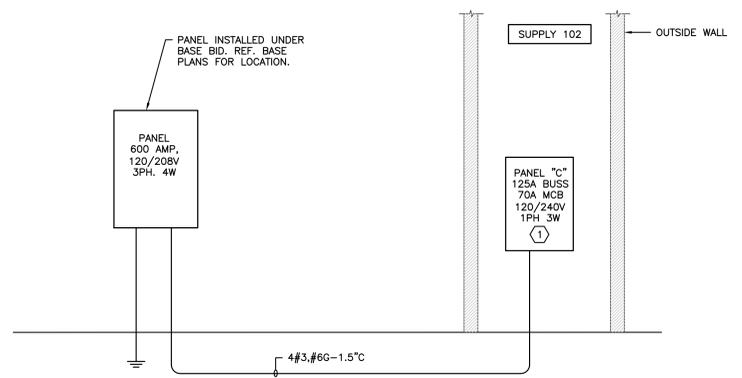
L1 = 7.4 61.67  
L2 = 5.2 43.33  
L3 = 6.5 54.17

TOTAL CONNECTED KVA LOAD = 19.1  
TOTAL CONNECTED 3-PH AMPS = 53.02

LIGHTING SCHEDULE											
Mark	Volt	Mount	Manuf.	Catalog No.	Lamp Data	Remarks					
C1	120	Surface	Luminaire Equal: PROlite LED Lighting	VPF4 4FT MN10 50W 40K 120 CLP * PLLX-4-1W55-120-277-18--T-5-RM4	50 Watt LED 5600 Lumens	4' Surface mounted LED vandal resistant fixture. Finish chosen by architect.					
C2	120	Wall	Luminaire Equal: PROlite LED Lighting	VPF4 4FT MN10 25W 40K 120 CLP * PLLX-4-1W27-120-277-18--T-5-RM4	25 Watt LED 3000 Lumens	4' Surface mounted LED vandal resistant fixture. Mounted on wall above mirrors. Finish chosen by architect.					
R1	120	Recessed	Luminaire Equal: Krlin	VRDL6 GB MN1 2T 1500LM WD 40K 80CRI 120 CPL * LRC-06VND-1500L-120-RWF-WFL-40K	19 Watt LED 1500 Lumens	6" Recessed LED vandal resistant can light. Finish chosen by architect.					

Notes:

- Provide emergency battery back-up for all cross-shaded fixtures, UON.
- Coordinate all fixture colors with architect or interior designer prior to purchasing.
- All outdoor recess cans shall be listed for wet/damp locations.



**ELECTRICAL RISER KEYED NOTES:**  
(APPLICABLE TO ELECTRICAL RISER DIAGRAM)  
1. ISOLATE NEUTRAL BAR IN PANEL AND BOND GROUND BAR TO ENCLOSURE USING FACTORY BONDING SCREWS.

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ADD. ALT. NO. 1 PLANS - ELECTRICAL

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PHONE: (504) 635-4622 FAX: (504) 635-4622  
WWW.APEI.COM

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

10.31.25

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PROJECT: RECREATIONAL & EDUCATIONAL COMPLEX (PHASE 1)  
5197 HIGHWAY 115  
BUNKIE, LOUISIANA 71322

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