

Addendum No. 2

To: Prospective Bidders

From: Will Mastin

City of Mobile Architectural Engineering Department

Re: Laun Park – Splash Pad Improvements

Project #PR-079-22

Date: July 22, 2024

This Addendum forms a part of, and modifies, the Request for Bids, for the above referenced project, dated June 24, 2024. Acknowledge the receipt of this Addendum No. 2, all subsequent addenda, in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

General:

Clarifications:

- Item 1. The bid Due Date has been changed to July 31, 2024. All other bidding instructions to remain the same.
- Item 2. Addendum #1 RFI #1 question, "Do you have any requirements on what size and voltage feed is required for the Splashpad controller?", further clarified in attached drawings, with updates dated July 22, 2024, and should be used to bid electrical portion of project.

Request for Bids:

Drawings:

Item #1: Attached are a new set of Architectural Drawings with annotations including electrical drawings and details, updates dated July 22, 2024, for new electrical service. These drawings are to replace the original set of architectural drawings for New Laun Splashpad posted on city's website.

RFI's:

Item 1. - RFI #2 response

Question: "The project is currently not listed/available on the Cityofmobile.org website."

Answer: Clarification Response: This will be updated, and the new bid date will be July 31st.

Question: "Irrigation specifications calls for the contractor to pay for the meter. Should we use the fee table on MAWSS website for the amount to include in the bid?"

Answer: Clarification Response: Irrigation is note included in the scope of work, however, watering of the sod is required per the plan notes. Contractor shall strike section 32 84 00 from the project manual.

Question: "Will a new meter be set at the existing tie-in for the splashpad supply"

Answer: Clarification Response: Contractor will be required to provide and install a new water meter, tap, and any additional requirements from the City of Mobile for the splash pad, reference the updated Addendum #3 plans for the meter size.

Question: The splashpad specifications calls for the contractor to supply a list of projects and experience to be turned in with the bid. Can we turn that in on company letterhead with the bid, or does the city have a specific way the documentation needs to be supplied?"

Answer: Clarification Response: Contractor to submit a list of projects and experience along with current contact information for the client on company letterhead with the bid.

Question: "The aluminium fence profile is not like any other project we have done in the past for COM."

Answer: Clarification Response: Reference notes and detail on attached addendum #2 set for clarification.

END OF ADDENDUM NO. 2

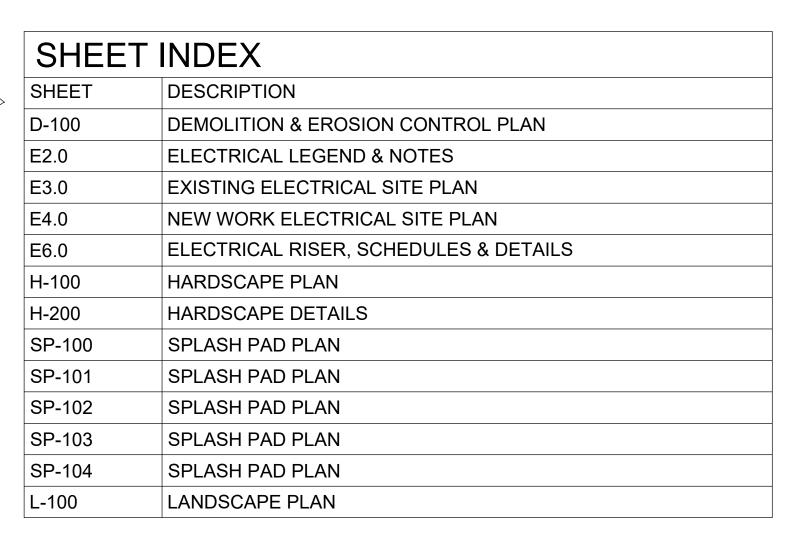




LAUN PARK SPLASH PAD

MOBILE, AL





STORMWATER EROSION CONTROL NOTE:

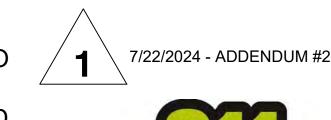
THE CONTRACTOR MUST OBTAIN AND SIGN A STORM WATER EROSION CONTROL AGREEMENT WITH THE CITY OF MOBILE. THE CONTRACTOR IS RESPONSIBLE FOR ABIDING BY ADEQ REGULATIONS THROUGHOUT THE CONSTRUCTION OF THE PROJECT, AND MUST UNDERSTAND THAT THE CITY WILL ISSUE A STOP WORK ORDER AT ANY TIME THESE MEASURES ARE NOT IN COMPLIANCE UNTIL THE SITE IS IN COMPLIANCE. THE CONTRACTOR SHOULD OBTAIN A COPY OF THESE PRIOR TO BID, SO THAT REQUIREMENTS ARE KNOWN.

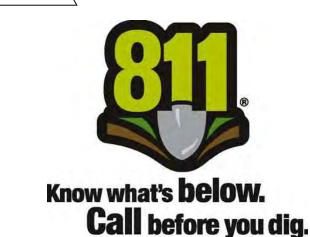
TRAFFIC CONTROL, SAFETY ITEMS:

CONTRACTOR SHALL ERECT ALL WARNING SIGNS, AND PROVIDE THE APPROPRIATE PERSONNEL, IF REQUIRED, AND ALL OTHER ITEMS REQUIRED TO SAFELY HANDLE VEHICULAR AND PEDESTRIAN TRAFFIC THROUGH WORK AREA. CONTRACTOR MUST COORDINATE THIS ACTIVITY WITH THE CITY OF MOBILE TRAFFIC CONTROL DEVICES SHALL BE PROVIDED BY THE CONTRACTOR. TRAFFIC CONTROL DEVICES PROVIDED MUST COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. CONTRACTOR SHALL UNDERTAKE AND MAINTAIN ADEQUATE SAFETY MEASURES AS AND WHEN NECESSARY TO PROTECT EXISTING ROADS, STREETS, AND WALKWAYS FROM DAMAGE BY VEHICULAR TRAFFIC AND/OR HEAVY EQUIPMENT.

GENERAL NOTES:

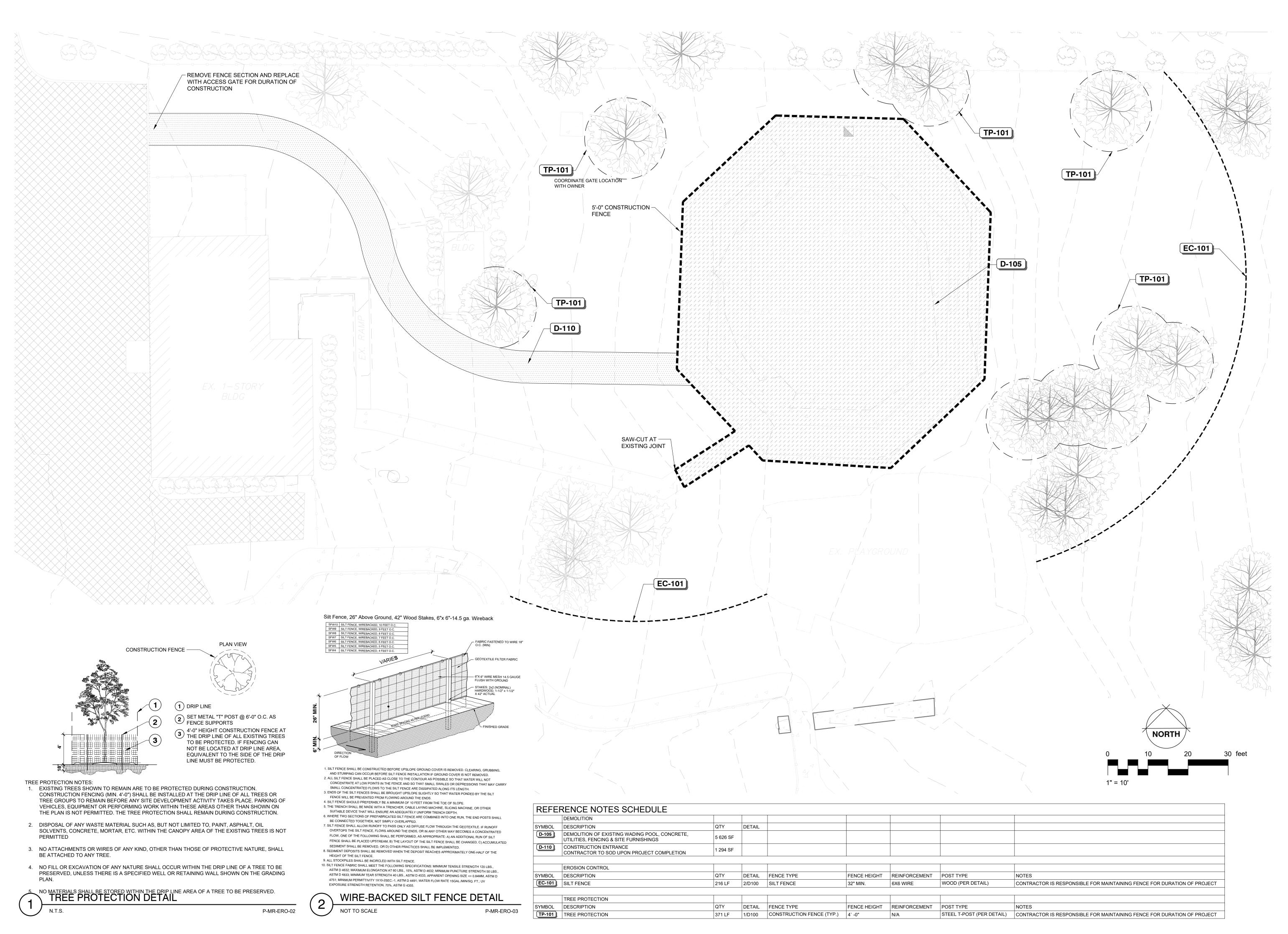
- 1. PRIOR TO BIDDING, THE CONTRACTOR SHALL VISIT SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND WITH THE CONTRACT DOCUMENTS ANY QUESTIONS OR DISCREPANCIES REGARDING THE NATURE OR INTENT OR THE WORK SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- 2. ALL DEMOLITION AND REMOVAL WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY ALL GOVERNING AUTHORITIES.
- 3. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY ON THE PROJECT, AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN SAFE WORKING CONDITIONS. SITE SHALL BE SECURED, AS REQUIRED, TO PREVENT UNAUTHORIZED ACCESS TO THE WORK.
- 4. CARE SHOULD BE TAKEN AT INTERFACE BETWEEN DEMOLITION AND EXISTING CONSTRUCTION TO REMAIN. THIS CARE IS TO AVOID ANY DAMAGE TO EXISTING CONSTRUCTION TO REMAIN, AND TO UTILITIES, WHICH SERVES THAT CONSTRUCTION. THE CONTRACTOR SHALL CORRECT ALL DAMAGE CAUSED BY HIS WORKMEN, AT NO ADDITIONAL COST TO THE OWNER.
- 5. THE CONTRACTOR SHALL NOTIFY, COORDINATE, SCHEDULE AND RECEIVE PERMISSION FROM THE OWNER PRIOR TO ANY SHUT DOWN OF THE SITE AND/OR BUILDING UTILITIES AS REQUIRED TO COMPLETE THE WORK. NOTIFICATION SHALL INCLUDE THE LENGTH OF TIME REQUIRED TO SHUT DOWN, LENGTH OF TIME SERVICE WILL BE DISCONNECTED, AND TIME REQUIRED TO RECONNECT SERVICES.
- 6. THE CONTRACTOR SHALL CONFORM TO CITY OF MOBILE REQUIREMENTS FOR THE PROTECTION OF ALL TREES TO REMAIN ON SITE.
- 7. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS BY CITY OF MOBILE, INCLUDING BUT NOT LIMITED TO SIGNAGE AND TREE TRIMMING/REMOVAL PERMITS.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS, INCLUDING SHORING, BRACING, AND SEQUENCING NECESSARY FOR PROPER COMPLETION OF THE PROJECT.







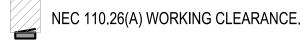




© ELECTRICAL CONNECTION TO EQUIPMENT. VERIFY LOCATION WITH EQUIPMENT PROVIDER.

DISTRIBUTION & POWER EQUIPMENT:

PANELBOARD. MOUNT AS INDICATED. SEE PANELBOARD SCHEDULES.



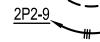
□ NON-FUSED GENERAL DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

FUSED GENERAL DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

OTHER:

CIRCUIT RUN CONCEALED ABOVE CEILING OR IN WALL.

`___/ CIRCUIT RUN CONCEALED IN OR BELOW FLOOR SLAB OR UNDERGROUND.



HOMERUN TO PANELBOARD. ANY CIRCUIT WITHOUT FURTHER DESIGNATION SHALL BE 2#12,#12G,3/4"C. TICK MARKS INDICATE # OF CONDUCTORS (EGC NOT SHOWN). MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 50 FEET SHALL BE #10 AWG. MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 100 FEET SHALL BE #8 AWG. MINIMUM SIZE ON 120V HOMERUNS GREATER THAN 160 FEET SHALL BE #6 AWG. MINIMUM SIZE ON 277V HOMERUNS GREATER THAN 100 FEET SHALL BE #10 AWG. INCREASE CONDUIT SIZE AS REQUIRED PER NEC. UNDERLINED TEXT INDICATES CIRCUIT DESIGNATION.

1 SHEET NOTE TAG.

PANELBOARD, SWITCHBOARD, TRANSFORMER & ELECTRICAL EQUIPMENT IDENTIFICATION TAG.

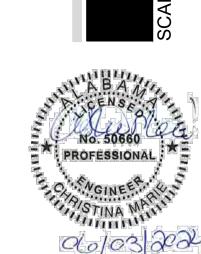
ELECTRICAL NOTES

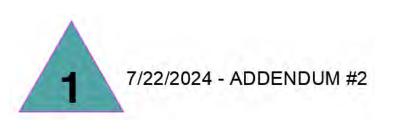
- 1. ENTIRE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- 2. CONDUIT ROUTINGS AND DEVICE / EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL FIELD ROUTE AND LOCATE AS REQUIRED. CONDUIT ROUTINGS SHALL BE NORTH/SOUTH OR EAST/WEST.
- 3. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE PROVIDED WITH SUITABLE PHENOLIC NAMEPLATES.
- 4. THE LOADS SHOWN ARE BASED ON DESIGN INFORMATION FROM THE POWER COMPANY AND THE SPLASH PAD VENDOR. THE CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO RUNNING THE CIRCUIT. THE MINIMUM CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE VALUE OR CODE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. ADDITIONAL COMPENSATION SHALL NOT BE ALLOWED FOR APPLIANCE MODIFICATIONS BY THE CONTRACTOR.
- 5. ALL CONDUITS NOT LOCATED UNDER SLAB SHALL HAVE A MINIMUM BURIAL DEPTH OF 36" UNLESS NOTED OTHERWISE.
- 6. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- 7. CONDUITS LEAVING OR ENTERING BUILDING SHALL BE SEALED PER N.E.C. TO PREVENT ENTRANCE OF MOISTURE.
- 8. ALL DIMENSIONS TO DEVICES A.F.F. SHALL BE TO CENTERLINE UNLESS NOTED OTHERWISE.
- 9. WORKING SPACE OF 36" FOR 120 / 240 SYSTEMS SHALL BE MAINTAINED IN FRONT OF ALL ELECTRICAL PANELS AND DEVICES.
- 10. ALL SIDEWALKS AND PARKING LOT ASPHALT AREAS THAT ARE CUT DUE TO NEW ELECTRICAL SERVICES SHALL BE REPAIRED TO MATCH EXISTING.
- 11. FINAL CONNECTION TO ALL EQUIPMENT IS SHOWN DIAGRAMMATIC. PROVIDE FINAL CONNECTION AS REQUIRED PER MANUFACTURER OF EQUIPMENT.
- 12. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CHARGES, PERMITS, FEES, ETC. RELATED TO THE CONSTRUCTION (THIS INCLUDES ALL ALABAMA POWER COMPANY FEES AND CHARGES FOR THE NEW SERVICE).

MEP Engineering

Christina Marie 50660 Alabama Certificate Number CA-4146-E 813 Downtowner Blvd. Ste. D Mobile, Alabama 36609 P: 251-316-0015 F: 850-332-6629 DELL CONSULTING PROJECT: 23-004-LAUN

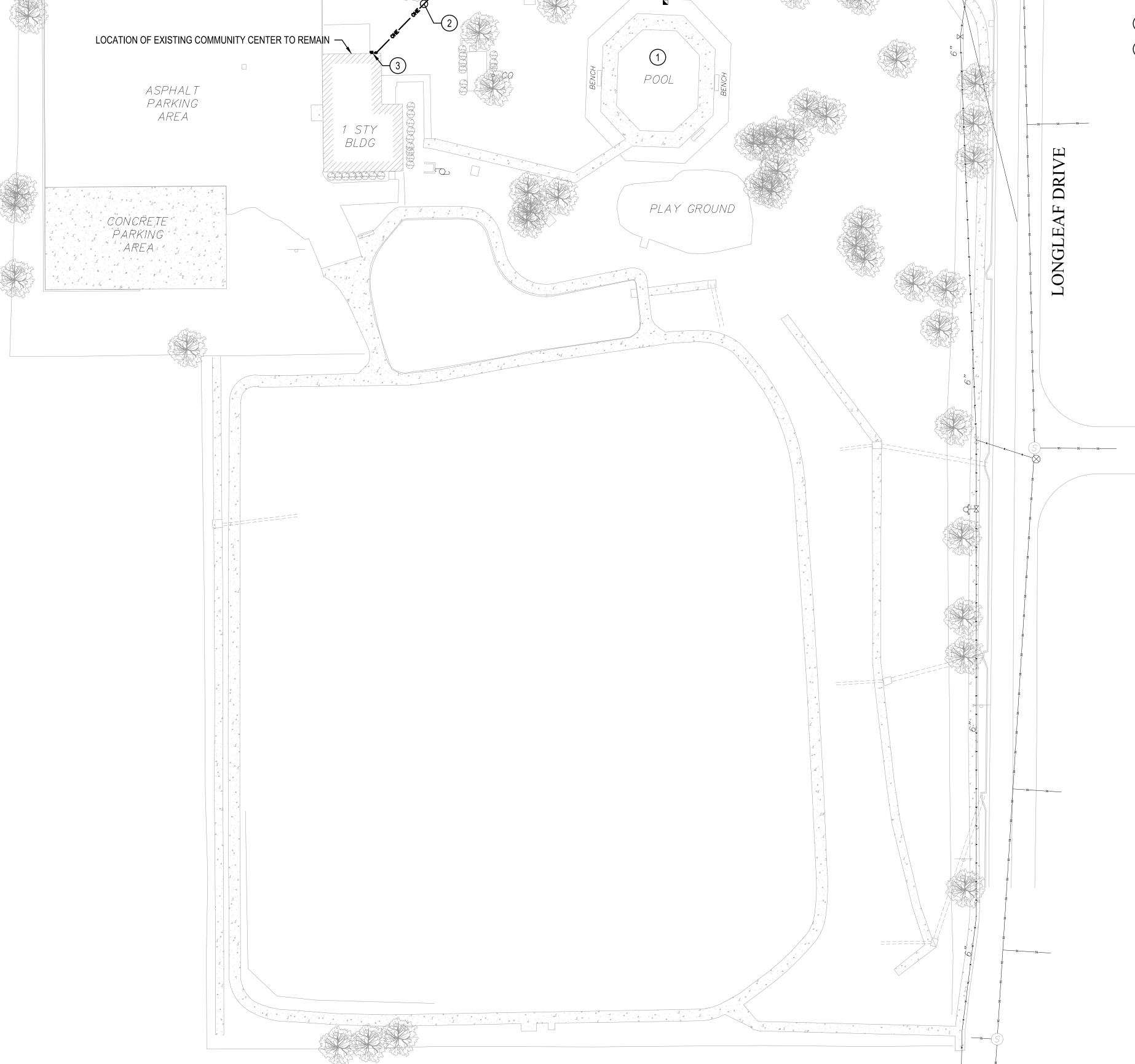
ELECTRICAL LEGEND AND NOTE CITY OF MOBILE - LAUN PAR



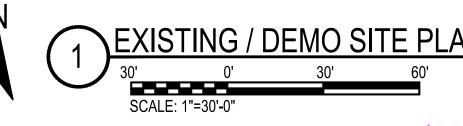


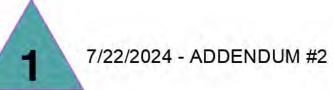
EXISTING / DEMO SHEET NOTES

- 1 APPROXIMATE LOCATION OF EXISTING WADING POOL TO BE RENOVATED FOR A NEW SPLASHPAD. SEE NEW WORK PLANS FOR MORE INFORMATION.
- (2) APPROXIMATE LOCATION OF EXISTING OVERHEAD LINE TO BUILDING TO REMAIN.
- 3 EXISTING 200A FUSED DISCONNECT AND ASSOCIATED GROUNDING SYSTEM TO BE REMOVED AND REPLACED NEW PER NEW WORK PLANS. (EXISTING METER TO REMAIN) THE EXISTING DISCONNECT CURRENTLY SERVES THE INTERIOR PANEL AND ANOTHER PIECE OF EQUIPMENT. THE INTENT IS TO REMOVE THE EXISTING FUSED DISCONNECT AND REPLACE WITH A NEW 200A 3Ø 120/240 VOLT NEMA 3R SERVICE ENTRANCE RATED PANEL. THE EXISTING INTERIOR PANEL AND EXISTING EQUIPMENT IS TO BE RE-SERVED FROM NEW BREAKERS IN THE NEW PANEL.



WINDMILL DRIVE





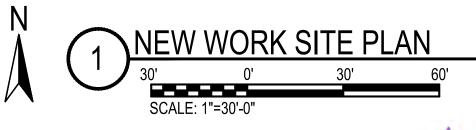
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P: 251-316-0015 F: 850-332-6629
DELL CONSULTING PROJECT: 23-004-LAUN

SHEET NOTES

- 1 THE SPLASHPAD PROVIDER / INSTALLER IS RESPONSIBLE FOR THE INSTALLATION OF ALL SPLASHPAD EQUIPMENT, INCLUDING INTERCONNECTION OF EQUIPMENT AND CONTROLS AS WELL AS ENSURING THE SPLASHPAD IS GROUNDED IN ACCORDANCE WITH NEC ARTICLE 680. THE ELECTRICAL CONTRACTOR IS TO COORDINATE WITH THE SPLASHPAD PROVIDER / INSTALLER TO ENSURE THE SPLASHPAD IS BONDED TO THE GROUNDING SYSTEM AT THE RIGHT LOCATION.
- THE CONTRACTOR SHALL BORE FROM THE NEW PANEL 2MDP LOCATED AT THE COMMUNITY CENTER BUILDING TO THE NEW SPLASHPAD CONTROL UNIT. THE ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL 3#8, 1#10G, 1-1/2" CONDUIT TO SERVE THE NEW CONTROL UNIT FOR THE NEW SPLASHPAD. THE CONDUIT SHALL BE PVC BELOW GRADE AND GRS ABOVE GRADE. THE TRANSITION FROM PVC TO GRS SHALL OCCUR BELOW GRADE. THE ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL ROUTE PRIOR TO BEGINNING ANY WORK TO AVOID CONFLICT WITH EXISTING TREE ROOT SYSTEM, OTHER UTILITIES, EXISTING BUILDINGS, ETC...
- FINAL LOCATION AND POWER REQUIREMENTS OF NEW SPLASHPAD CONTROLLER TO BE FIELD COORDINATED WITH EQUIPMENT PROVIDER / INSTALLER PRIOR TO BEGINNING ANY SPLASHPAD WORK AND ADJUSTED AS REQUIRED.
- APPROXIMATE LOCATION OF BOLLARD TOUCH SENSOR. FIELD COORDINATE FINAL LOCATION WITH EQUIPMENT PROVIDER / INSTALLER PRIOR TO ROUGH IN. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 1" CONDUIT WITH PULL STRING FROM BOLLARD ACTIVATOR TO CONTROLLER (CONDUIT SUPPLIED BY ELECTRICAL CONTRACTOR, CABLE SUPPLIED BY VENDOR) THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE FINAL ROUTING OF THE CONDUIT WITH THE SPLASH PAD PROVIDER / INSTALLER PRIOR TO ROUGH IN.

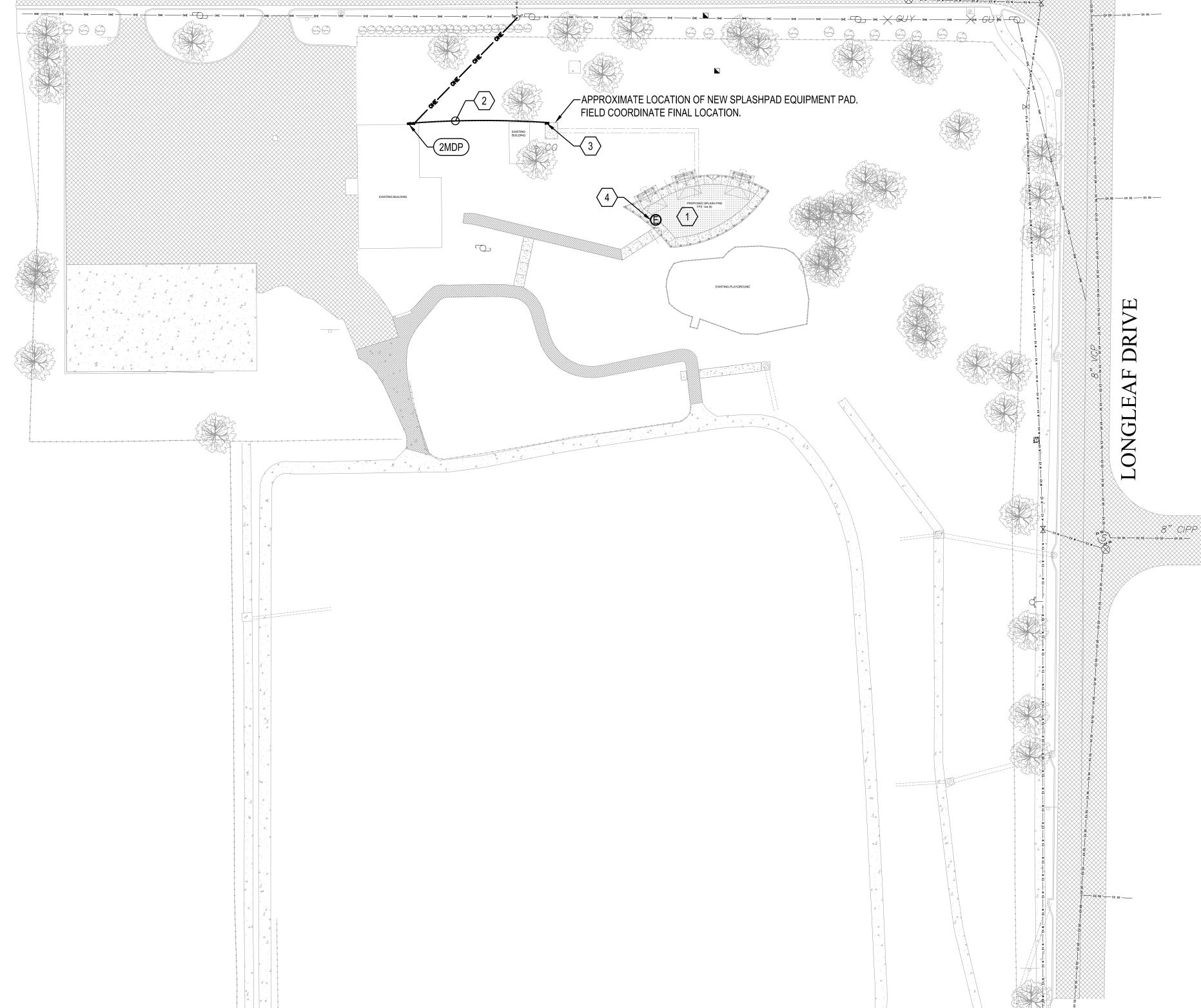
GENERAL NOTES

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES. NEW CONDUITS INSTALLED ARE TO BE INSTALLED TO AVOID CONFLICT WITH EXISTING TREE ROOT SYSTEMS AS WELL AS EXISTING UTILITIES.
- 2. SPLASHPAD WORK SHOWN IS BASED ON INFORMATION PROVIDED DURING THE DESIGN PHASE AND IS SUBJECT TO CHANGE. ALL WORK ASSOCIATED WITH THE SPLASHPAD SHALL BE COORDINATED WITH THE SPLASHPAD PROVIDER / INSTALLER PRIOR TO BEGINNING ANY WORK. THIS INCLUDES BUT IS NOT LIMITED TO ALL CONDUIT ROUTING, FINAL LOCATION OF POWER CONNECTION, POWER REQUIREMENTS, ETC. AS REQUIRED. CONDUIT AND SUPPLY POWER POWER TO NEW CONTROLLER PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. CABLING AND INTERCONNECTION FROM CONTROLLER TO SPLASHPAD EQUIPMENT (INCLUDING ALL REQUIRED BONDING) TO BE BY VENDOR.









WINDMILL DRIVE

8" VCP

MEP Engineering Christina Marie 50660 Alabama Certificate Number CA-4146-E 813 Downtowner Blvd. Ste. D Mobile, Alabama 36609 P: 251-316-0015 F: 850-332-6629 DELL CONSULTING PROJECT: 23-004-LAUN

	MARK: PANEI	L 2MC)P										
СКТ	LOAD			BREAKER PHASE (k)		(A) PHASE (kVA)			BREAKER		LOAD	СКТ	
#	DESCRIPTION	Р	TRIP	Α	В	С	Α	В	С	TRIP	Р	DESCRIPTION	#
1	EXISTING	2	100	4.4			4.4						2
3	INTERIOR PANEL				4.4			4.4		100	3	EXISTING EQUIPMENT	4
5	NEW SPLASHPAD CONTROLLER	1	30			2.0			4.4				6
7	SPARE	1	20	-			-			20	1	SPARE	8
9	HIGH LEG *	1	20		X			Х		20	1	HIGH LEG *	10
11	SPARE	1	20			-			-	20	1	SPARE	12
13	SPACE	-	-	-			=			-	-	SPACE	14
15	HIGH LEG *	-	ı		X			Χ		-	-	HIGH LEG *	16
17	SPACE	-	ı			-			-	-	-	SPACE	18
19	SPACE	-	-	ı			-			=	-	SPACE	20
21	HIGH LEG *	-	-		X			Χ		-	-	HIGH LEG *	22
23	SPACE	-	ı			-			-	-	-	SPACE	24
				4.4	4.4	2.0	4.4	4.4	4.4				
	TOTAL (kVA	A) ØA	8.8	ØB	8.8	ØC	6.4			HIGH PH	IASE	(AMPS) 73.3	

* NOT TO BE USED FOR SINGLE POLE LOADS.

EXISTING TRANSFORMER —

POLE TO REMAIN

PANEL 2MDP SHALL BE MARKED IN ACCORDANCE WITH NEC 408.3(F)(1) AND 110.15.

	PANELBOARD INFORMATION SCHEDULE														
MARK	MARK ENCLOSURE MOUNTING VOLTAGE Ø WIRE MAIN IFMLO, SERVICE KAIC ØBUS NBUS FEEDER								NOTES						
	TYPE	STYLE				BKR	SERVING BKR	RATED	RATING	RATING (A)	RATING	CONDUCTORS	GROUND	CONDUIT	
2MDP	NEMA 3R	SURFACE	120/240	3	4	200	N/A	YES	10	200	100%	4#3/0	NONE	2 1/2"C	
NOTES	ALL PANELBO					ING LABE	L IN ACCORDAN	NCE WITH T	HE NATION	I IAL ELECTRI	C CODE AR	TICLE 110.16			

XXX

NOTE: THIS IS AN ELECTRICAL POWER DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM, NOT ALL MECHANICAL EQUIPMENT CIRCUITS AND BRANCH CIRCUITS ARE SHOWN

NOTE: OCPDs ON THE SECONDARY OF DRY-TYPE XFMRS SHALL BE INSTALLED WITHIN 10' PER NEC 240.21(C)(2)

NOTE: LOCATION OF MAIN BREAKERS AND FEEDERS INTO EQUIPMENT IS NOT INTENDED TO SHOW TOP OR BOTTOM MOUNTED MAIN BREAKER OR BOTTOM, TOP OR SIDE FEEDER ENTRY. THE SINGLE LINE DIAGRAM IS PURELY DIAGRAMMATIC. CONTRACTOR SHALL VERIFY PROPER BREAKER POSITIONS AND FEEDER ENTRIES INTO EQUIPMENT AND PROVIDE AS REQUIRED.

SINGLE LINE DIAGRAM LEGEND FAULT CURRENT TAG. AVAILABLE SYMMETRICAL FAULT CURRENT IN KA AT EQUIPMENT INDICATED. BASED ON XXXXkVA UTILITY TRANSFORMER.

CIRCUIT BREAKER

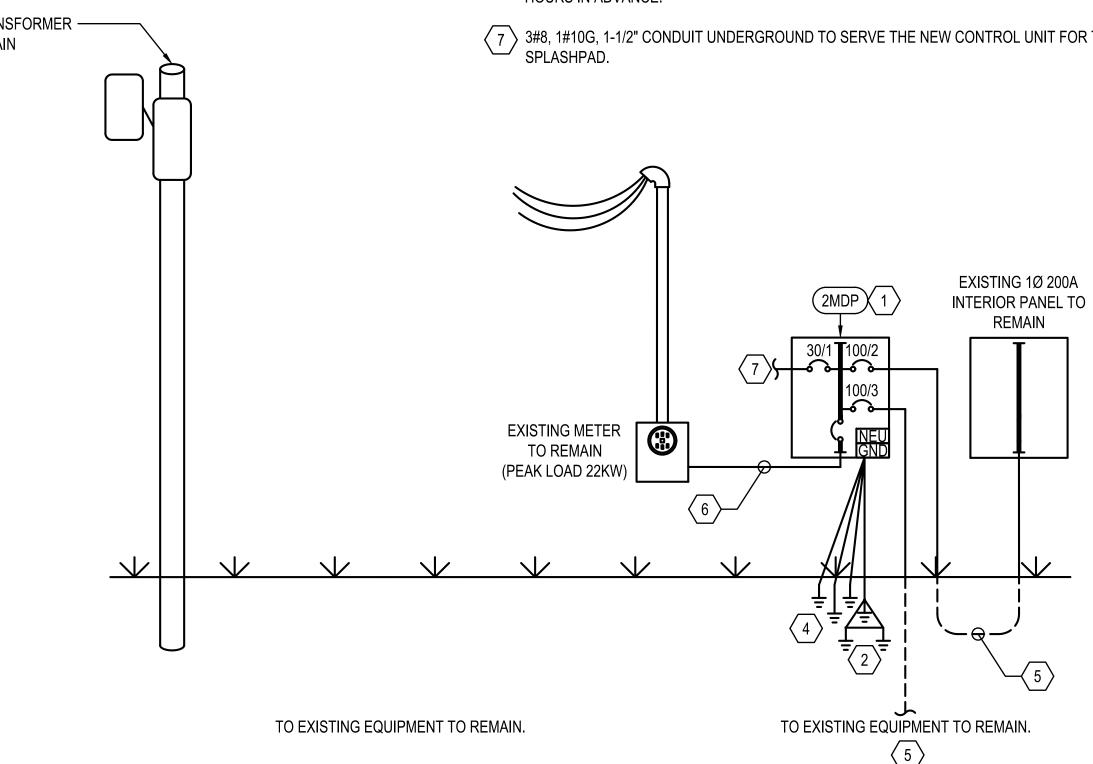
NORMAL POWER FEEDER/CKT.

GROUNDING ELECTRODE AND GROUNDING ELECTRODE CONDUCTOR

PANELBOARD. SEE PANELBOARD INFORMATION SCHEDULE FOR FEEDER SIZE AND PANELBOARD SIZE & DATA.

SHEET NOTES

- 1 BASED ON AVAILABLE FAULT CURRENT FROM A 120/240 VOLT 3Ø 50 KVA OVERHEAD TRANSFORMER AT A DISTANCE OF 145', THE ELECTRICAL CONTRACTOR SHALL LABEL THE NEW DISCONNECT AS "SERVICE ENTRANCE RATED" AND IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 110.24; AVAILABLE FAULT CURRENT 4,733 AMPS. FINAL PARAMETERS (DISTANCE, TRANSFORMER SIZE, ETC.) SHALL BE COORDINATED WITH ALABAMA POWER COMPANY PRIOR TO LABELING, ADJUST AS REQUIRED.
- $\left\langle 2 \right\rangle$ #4 STRANDED TINNED BARE COPPER GEC TO THREE 20' GROUND RODS ON 20' CENTERS IN EQUILATERAL DELTA ARRANGEMENT.
- $\sqrt{3}$ SEE PANELBOARD INFORMATION SCHEDULE FOR SERVICE CONDUCTOR SIZES AND INFORMATION.
- \langle 4 \rangle #4 BONDS TO BUILDING WATER SERVICE AND BUILDING STEEL (AS AVAILABLE).
- (5) EXISTING CONDUCTORS TO BE UTILIZED TO THE GREATEST EXTENT POSSIBLE. NEW CONDUCTORS (TO
- 6 4#3/0 COORDINATE ALL ASPECTS OF THE SERVICE UPGRADE WITH ALABAMA POWER AS REQUIRED PRIOR TO BEGINNING ANY WORK. SCHEDULE ANY DOWNTOWN WITH THE OWNER A MINIMUM OF 48
- $\left\langle 7 \right\rangle$ 3#8, 1#10G, 1-1/2" CONDUIT UNDERGROUND TO SERVE THE NEW CONTROL UNIT FOR THE NEW





EXISTING METER
TO REMAIN

(PEAK LOAD 22KW)

EXISTING 1Ø 200A

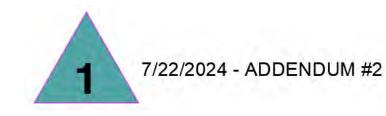
INTERIOR PANEL TO REMAIN

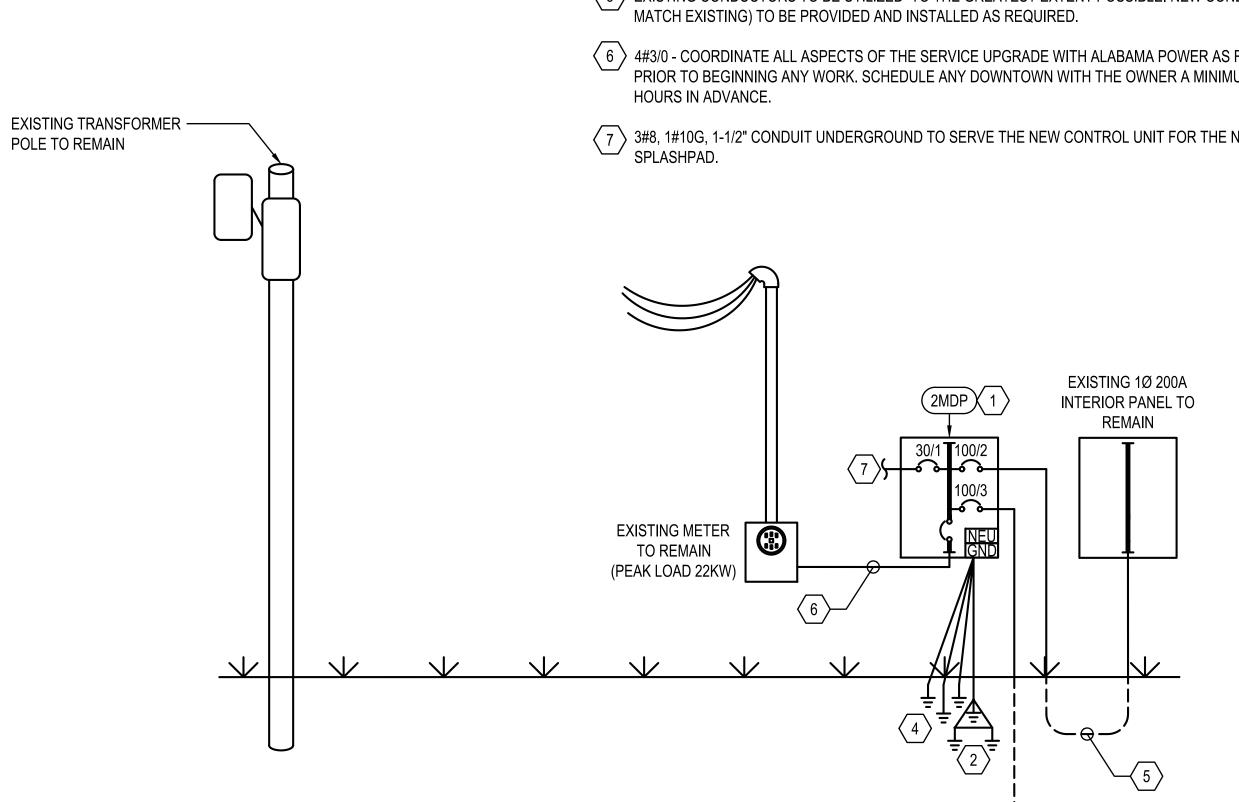
EXISTING 3Ø 200A FUSED SAFETY SWITCH TO BE REPLACED NEW

TO EXISTING EQUIPMENT TO REMAIN. THE ELECTRICAL CONTRACTOR SHALL TRACE

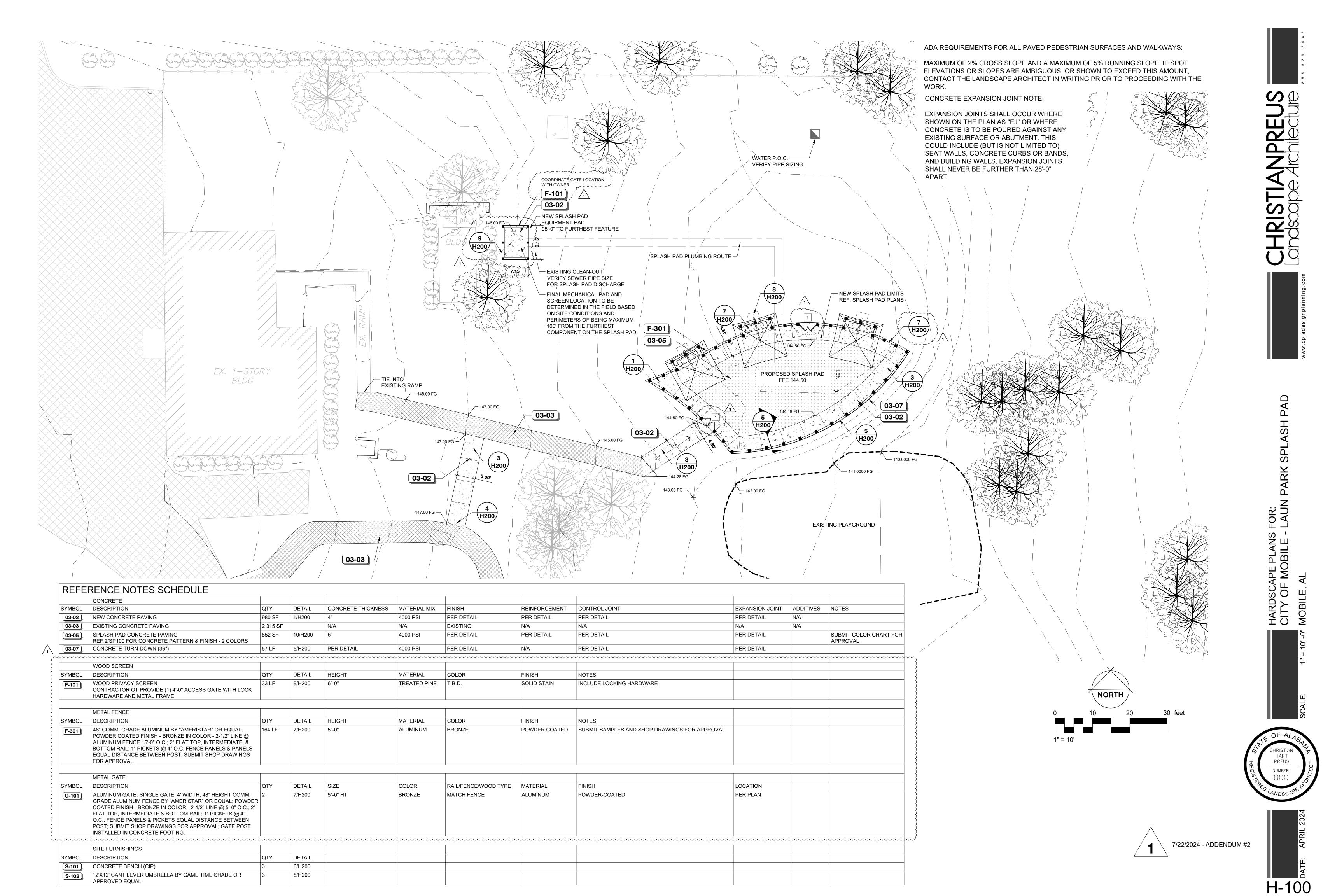
EXISTING CIRCUIT AND VERIFY WHAT IT SERVES. EXISTING EQUIPMENT TO BE RESERVED FROM NEW NEMA 3R SERVICE ENTRANCE RATED PANEL 2MDP.







E6.0





FX-SI-FX-PAV-06

(1) 2"x4" S.Y.P. TREADED FRAMING MATERIAL

(2) 6"x6" S.Y.P. TREATED POST

(3) 5/4"x6" S.Y.P. TREADED VERTICAL BOARD

5) 2"x8" S.Y.P. TREATED CAP

(6) 6"x6" HIGH POINT COPPER

(8) 3500 PSI CONCRETE POST

ITEM#65588 | MODEL#72224.

4 2"x6" S.Y.P. TREATED

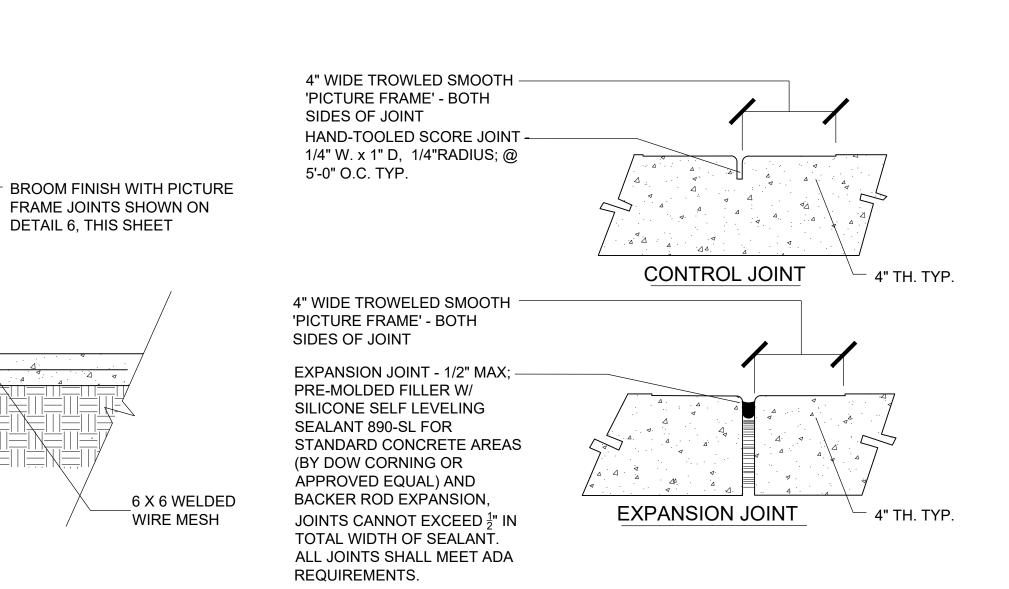
FASCIA TRIM

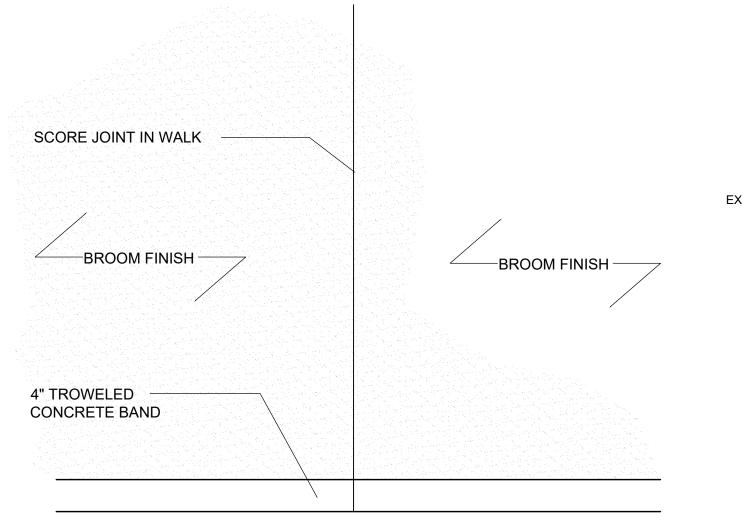
7) #57 LIMESTONE

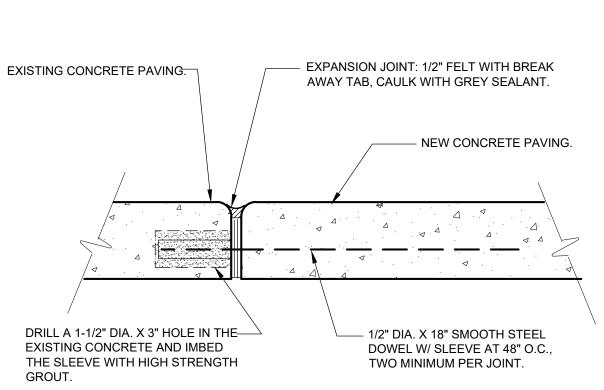




NUMBER







CONCRETE WALK SECTION

EXPANSION JOINT - SEE

TYPICAL DETAIL

FINISHED FLOOR

(2) #4 STEEL REBAR

8" TURNDOWN-

PROCTOR

4" TH. CONCRETE

NOT TO SCALE

COMPACTED SUBGRADE -

COMPACT TO 95% STANDARD

OF BUILDING

P-CP-CP-01

TYPICAL SIDEWALK CONCRETE JOINTS

P-CP-CP-02

SHADE STRUCTURE NOTES:

MANUFACTURE'S RECOMMENDATIONS.

ALABAMA; WIND LOAD RATED @ 150 MPH.

TROWELED FRAME & SCORE JOINTS NOT TO SCALE

CONCRETE JOINT AT EXISTING PAVING NOT TO SCALE

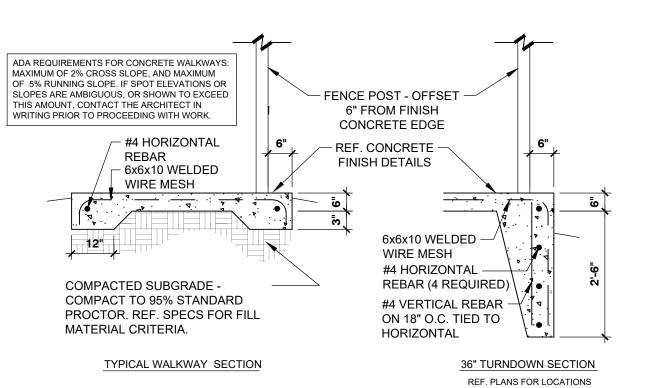
FASTENER NOTES: ALL FASTENERS TO BE HOT-DIPPED GALVANIZED RING SHANK NAILS AND/OR

CERAMIC COATED EXTERIOR SCREWS

P-CP-CP-05

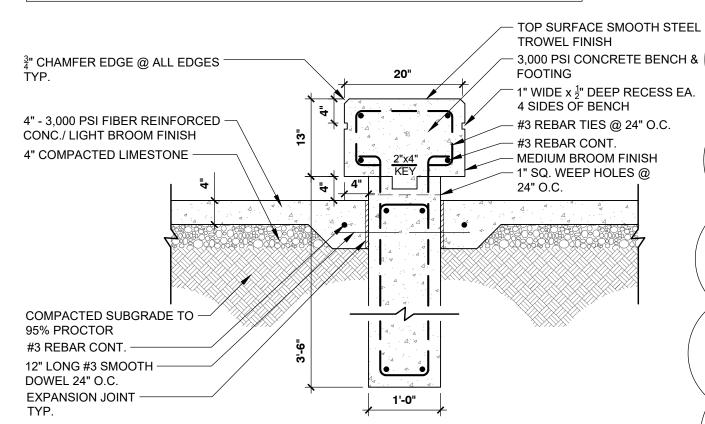
4

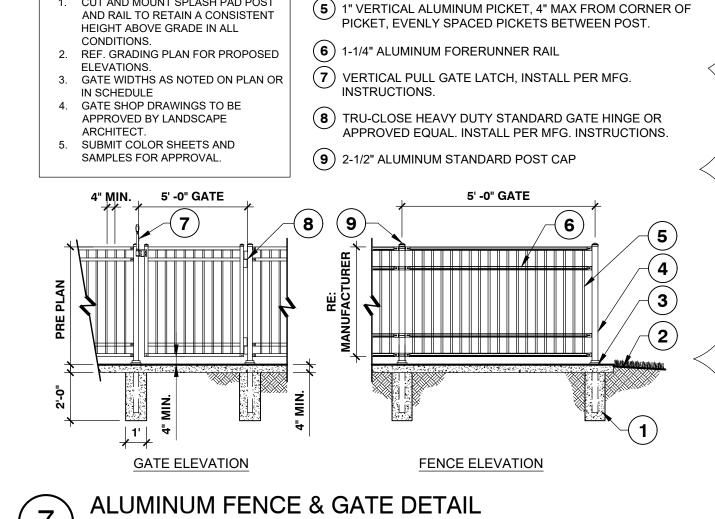
3





CONTRACTOR TO RUB FINISHED WALL TO REMOVE ALL BLEMISHES OR DEFECTS POST POUR. ALL EXPOSED CONCRETE ON BENCHES SHALL BE FINISHED USING TAMMSCOAT WATER-BASED DECORATIVE AND PROTECTIVE ACRYLIC COATING BY EUCLID CHEMICAL OR APPROVED EQUAL SUBMIT COLOR CHART FOR APPROVAL. CONTRACTOR SHALL APPLY THE FINISHER IN (3) SEPARATE INCONSPICUOUS BENCH LOCATIONS WITH A MINIMUM 1'x1' SURFACE AREA FOR COLOR AND TEXTURE APPROVAL BY LANDSCAPE ARCHITECT.





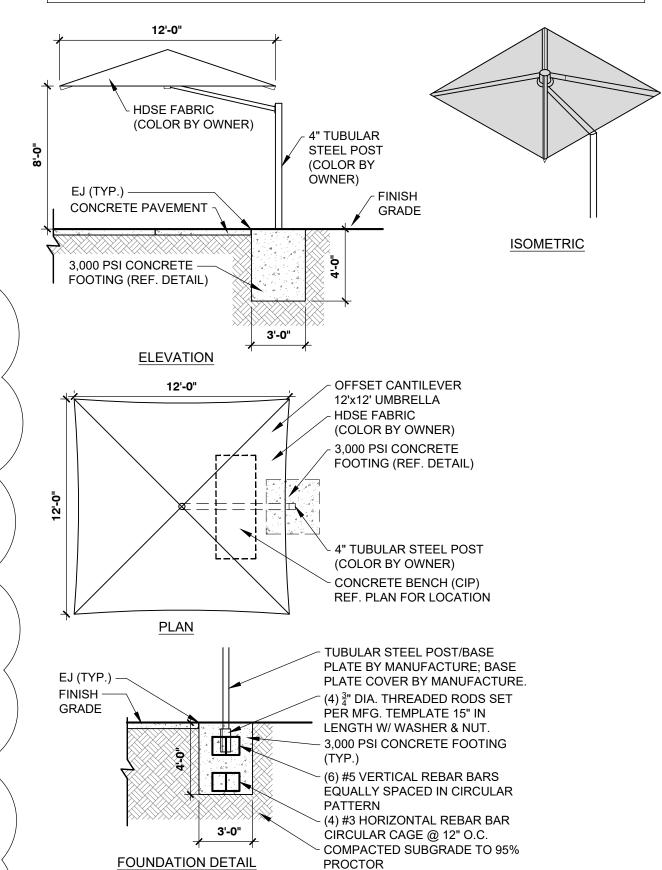
(1) 3000 PSI CONCRETE FOOTER

(3) FLOOR FLANGE W/ 2 PIECE COVER

(4) 2-1/2" ALUMINUM POST. EVENLY SPACED, 5' MAX.

(2) FINISH GRADE

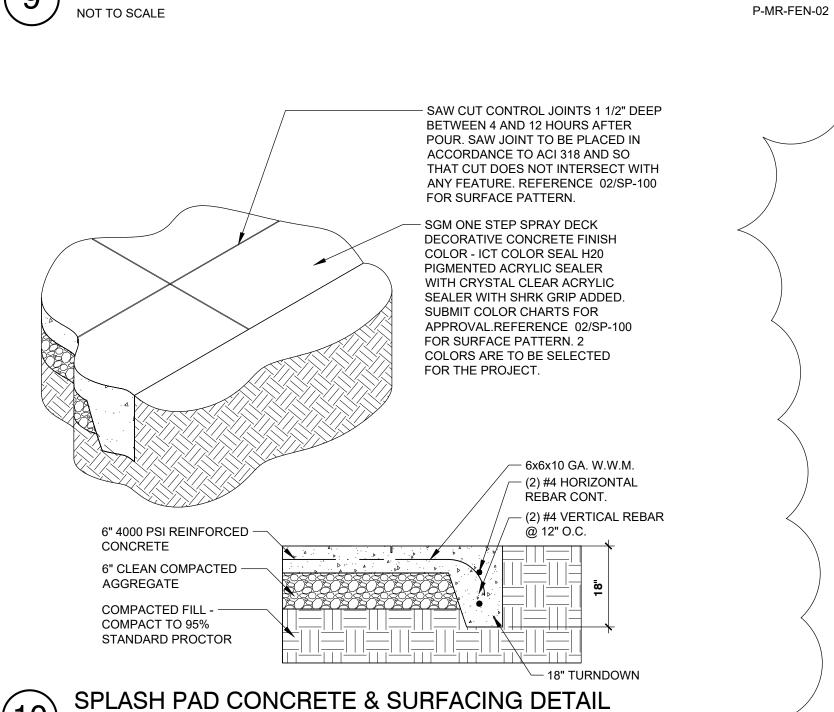
CUT AND MOUNT SPLASH PAD POST



1. SHADE STRUCTURES BY GAME TIME SHADE OR EQUAL; INSTALL ACCORDING TO

2. SUBMIT SHOP DRAWINGS OF CONCRETE FOUNDATION DETAIL PROVIDED BY SHADE

STRUCTURE MANUFACTURE AND STAMPED BY LICENSED ENGINEER IN THE STATE OF



8'-0" MAX.

4" CLEARANCE FROM

FINISH GRADE

6' WOOD FENCE - GOOD NEIGHBOR FINISH (5/4 VERTICAL)

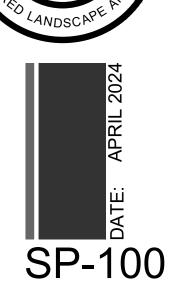
SHADE STRUCTURE PLAN & DETAILS

P-CP-CP-19

6' CONCRETE BENCH DETAIL - (CIP) NOT TO SCALE P-CO-COM-01

P-CP-FEN-02

P-CO-COM-02

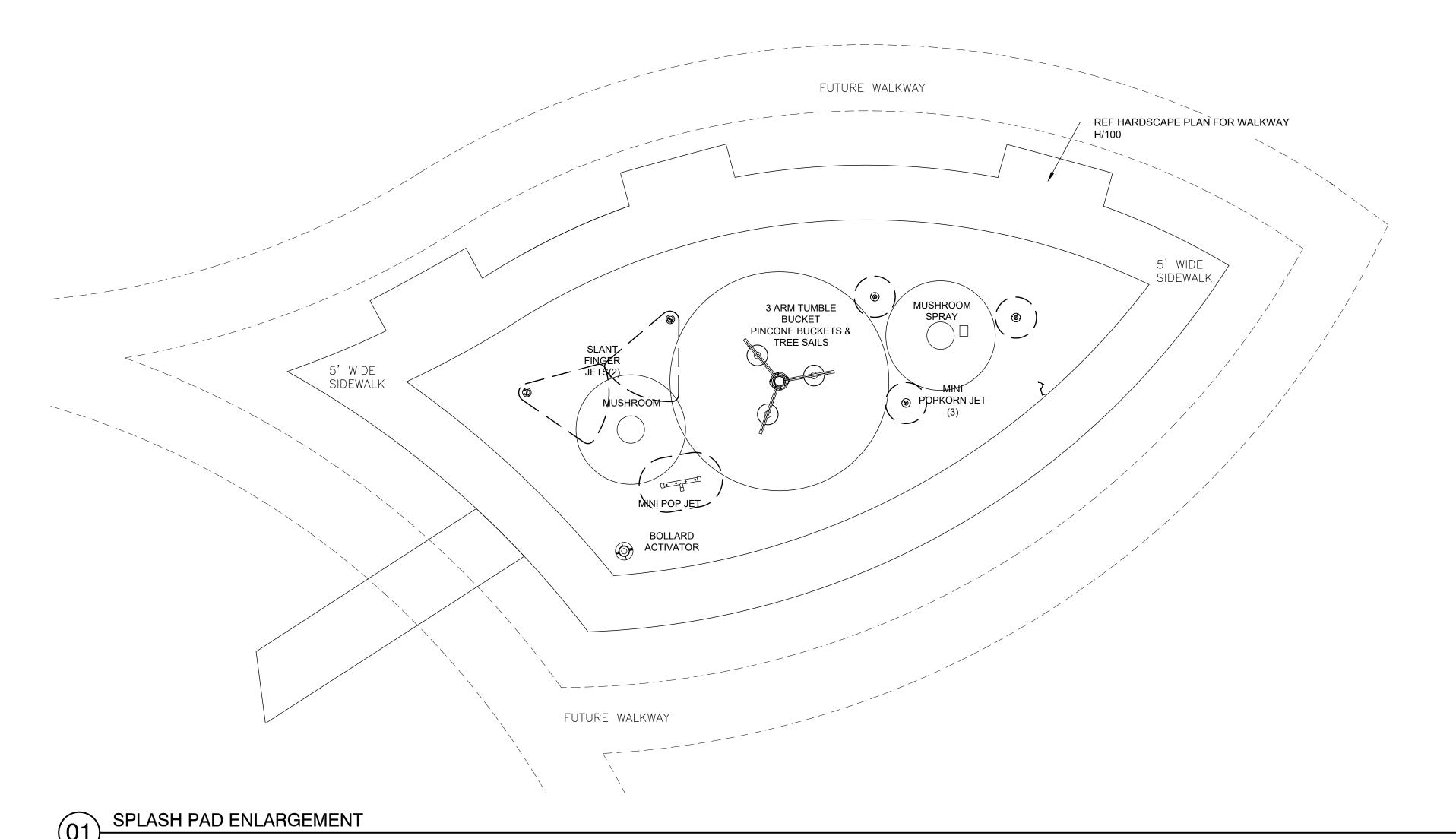


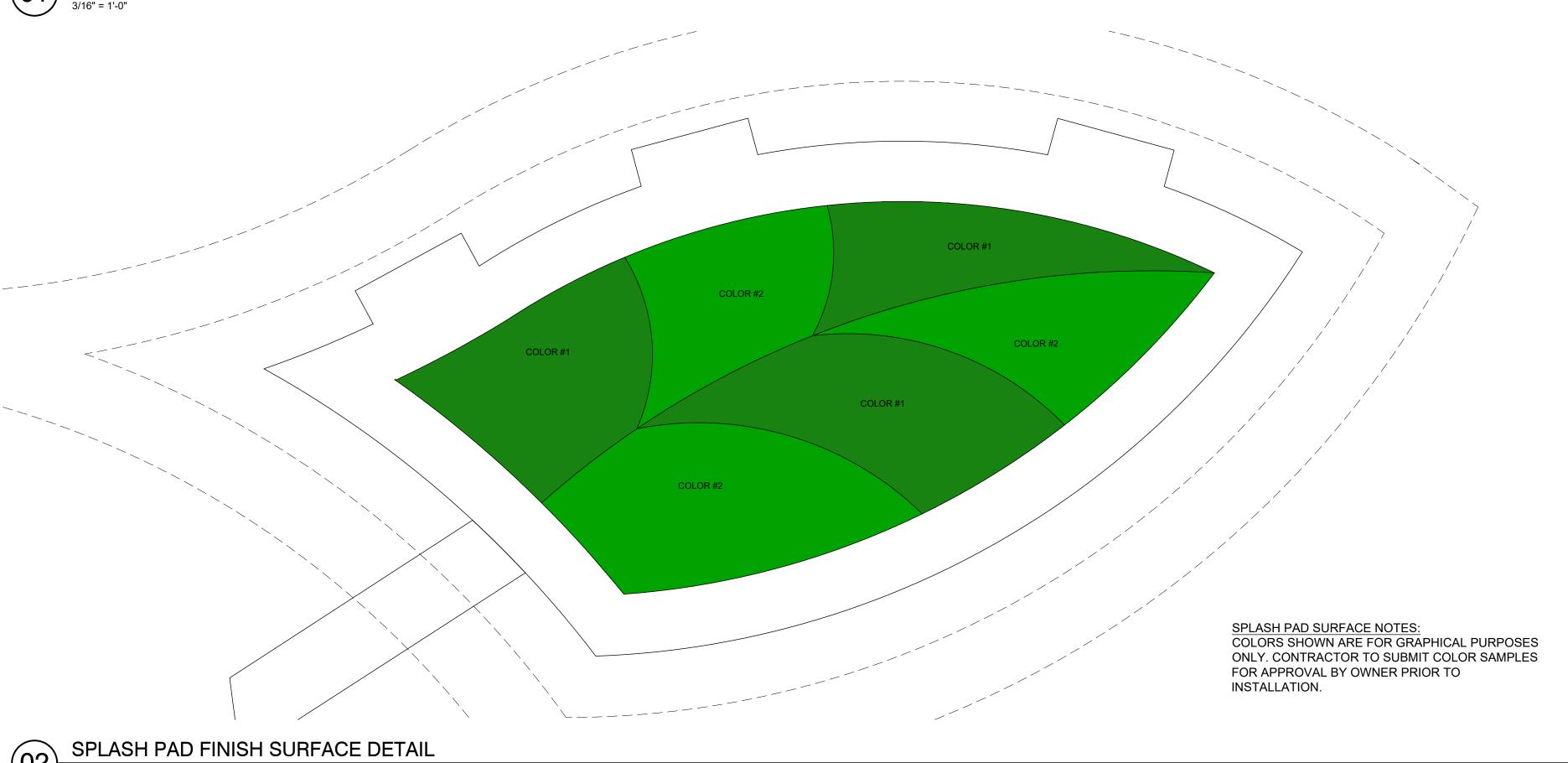




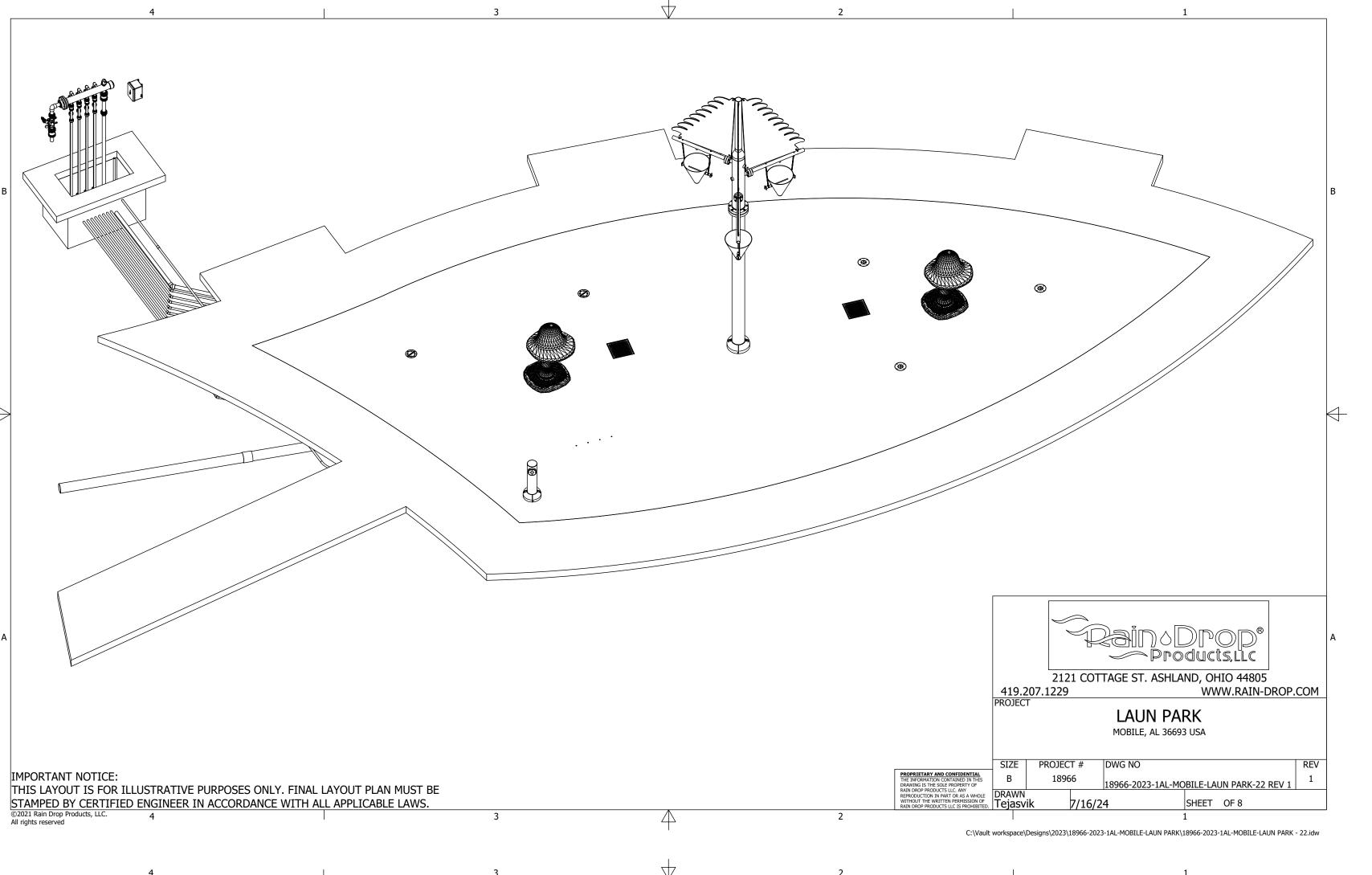


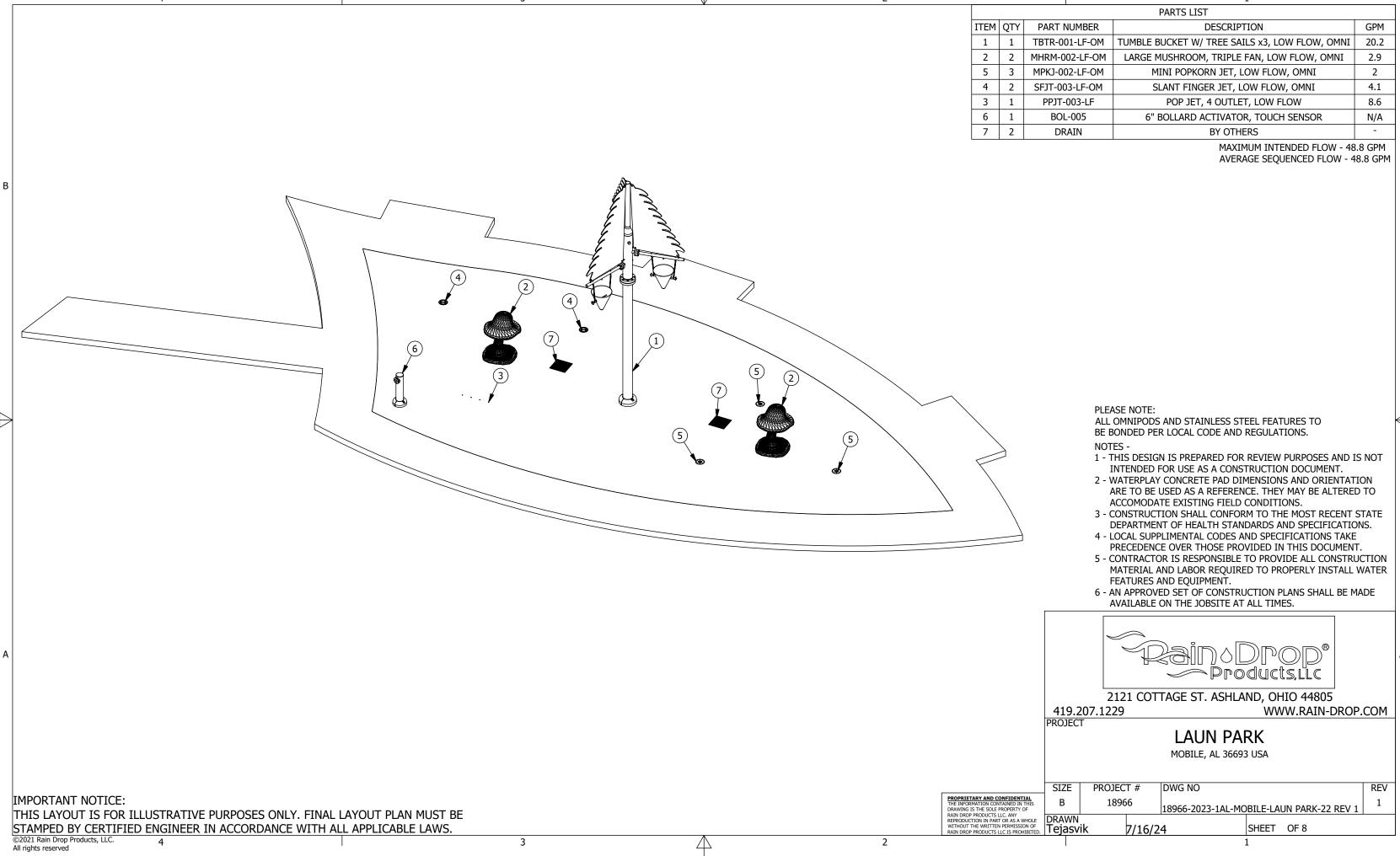




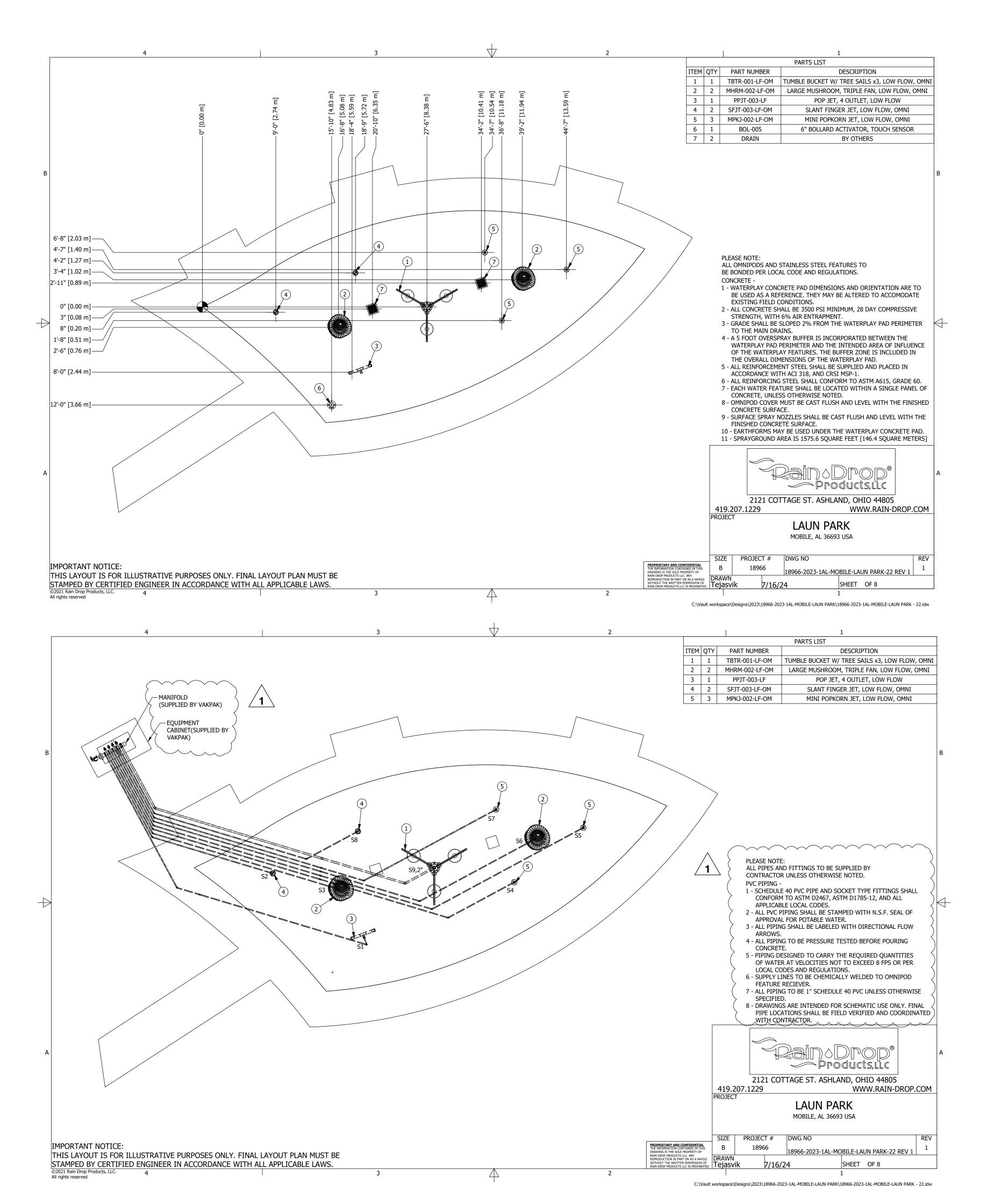




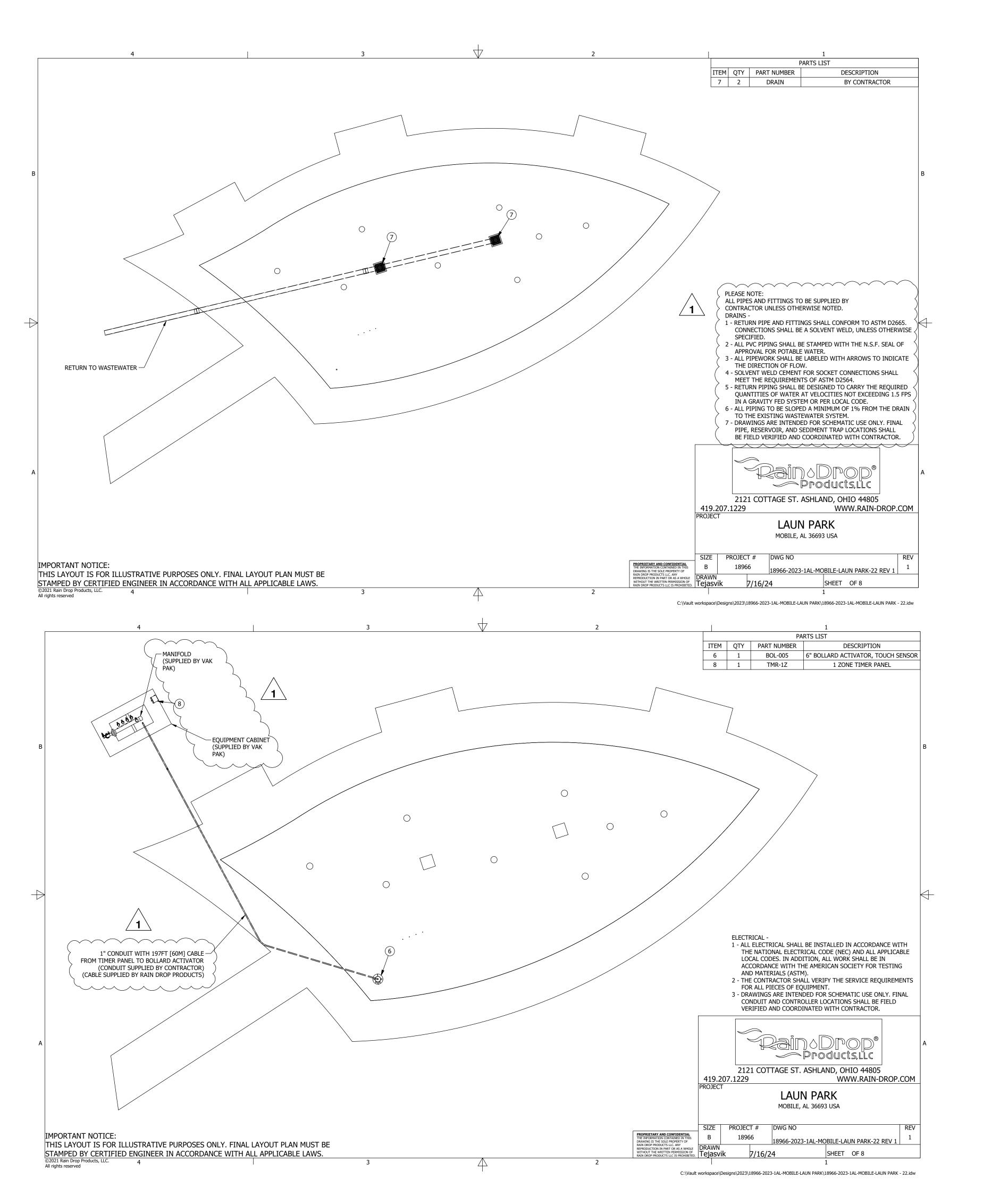




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GENERAL NOTES:

1. ALL PIPING "NSF-PW" APPROVED / ALL ELECTRICAL WIRING IN COMPLIANCE WITH NEC ELECTRICAL INTERLOCK OF ELECTRICAL FEED EQUIPMENT WITH RECIRCULATION PUMP, HYDRAULIC INTERLOCK OF EROSION FEED EQUIPMENT WITH RECIRCULATION PUMP, FLOW PROPORTIONING VALVES WHERE REQUIRED:

3" AND UNDER - DIVERTER VALVE, 4" AND ABOVE - BUTTERFLY VALVE

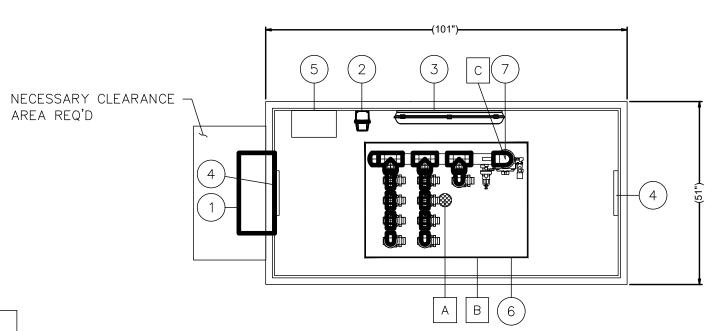
2. ALL MOTORS AND RECEPTACLES ARE PROTECTED BY GFCI BREAKERS AS REQUIRED BY N.E.C 3. EACH WASTE LINE SHALL HAVE A UNIQUE AIR GAP. WASTE LINES FROM DIFFERENT SOURCES (E.G. POOL, SPA, OVERFLOW, SUMP PUMP) SHALL NOT BE TIED TOGETHER BUT MAY DISCHARGE INTO A COMMON

SUMP OR RECEPTACLE. 3.1. THE WASTE LINE MUST BE CONNECTED TO AN APPROVED WASTE DISPOSAL SYSTEM ACCORDING TO

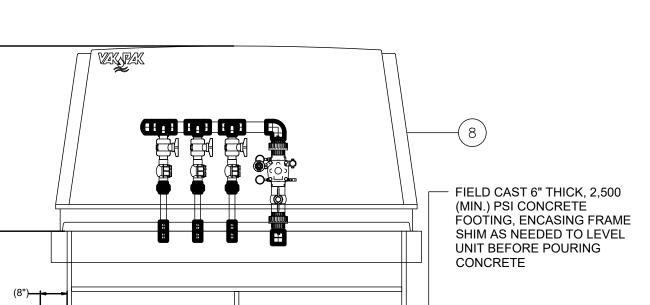
LOCAL OR STATE CODES. 4. GEOMETRY FOR REFERENCE.

5. FLOOR DRAIN PIPED TO DRAIN CONNECTIONS OR PLUGGED IF NOT USED. TYP 1X PLCS.

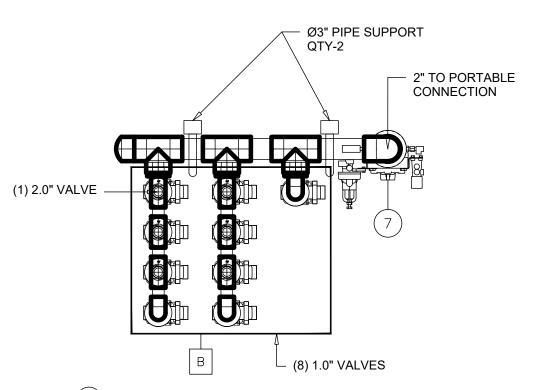
FILTER E	ZOII IVILIY	VI LIGI		
MODEL: C	S50IWF-	<u>9PVP</u> - <u>55</u> GPM @ <u>6</u>	<u>60</u> TDH	
ITEM#	EL#	MFG	PART#	DESCRIPTION
1	1	SQUARE-D	QO112M100PRB	MBR ELECTRICAL PANEL, 12SP, 100A, 1φ-120V
2	2	LEVITON	5320	RECEPTACLE W/ EXTRA-DUTY WEATHER-PROOF COVER, 1\$\phi\$-120V
3	3	BARRINA	LSS-2FT-2P12H	LED SERVICE LIGHT, 2FT, 135LM/FT, MIN., 1\phi-120V
4	-	VAK PAK INC	-	(2) EXHAUST VENTS
5	(5)	RAINDROP	TMR-1Z	TIMER CONTROLLER, 14-120V
6	_	VAK PAK INC	(9) VLV'S (1) 2.0" & (8) 1.0"	SCH. 80 MANIFOLD: (1) 2.0" VLV, (8) 1.0" VLVS, POTABLE WATER SUPPLY
7	7	RAINDROP	-	2.0" SOLENOID/PRESSURE CONTROL VLV, 24VDC (PROVIDED BY RD INSTALLED BY VE
(8)	-	VAK PAK INC	-	CB416



<u>PLAN VIEW</u> — CABINET & BASE



<u>FRONT ELEVATION</u> — CABINET & BASE



6 SCH. 80 VAK PAK MANIFOLD - (9) VLV'S

ELECTRICAL NOTES: 1. OUTLETS ARE GFCI PROTECTED.

*ADJUSTABLE-SPEED DRIVE SYSTEMS

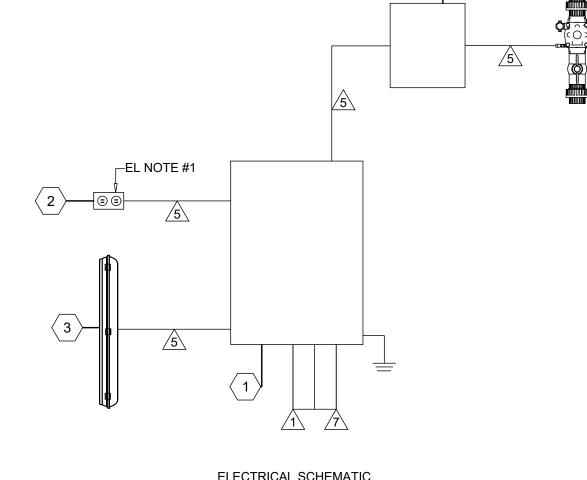
NFPA70 NEC: 430.122 CONDUCTORS - MINIMUM SIZE AND AMPACITY

(A) BRANCH/FEEDER CIRCUIT CONDUCTORS. CIRCUIT CONDUCTORS SUPPLYING POWER CONVERSION EQUIPMENT INCLUDED AS PART OF AN ADJUSTABLE-SPEED DRIVE SYSTEM SHALL HAVE AN AMPACITY NOT LESS THAN 125 PERCENT OF THE RATED INPUT CURRENT TO THE POWER CONVERSION EQUIPMENT.

(B) OUTPUT CONDUCTORS - THE CONDUCTORS BETWEEN POWER CONVERSION EQUIPMENT AND THE MOTOR SHALL HAVE AN AMPACITY EQUAL TO OR LARGER THAN 125 PERCENT OF THE MOTOR FULL LOAD CURRENT AS DETERMINED BY 430.6(A) or (B).

FEEEDER	EEEDER & CONDUIT SCHEDULE										
	CONDUCTORS REMARKS										
	PHASE	NEUTRAL	GROUND	CONDUIT							
1			PANEL FEED BY CONTRACTOR								
5	1 - #14	1 - #14	1 - #14	1/2"	TYPE LFNC-B UL SEALTITE						
6	1 - #14	1 - #14	1 - #14	1/2"	TYPE SJOOW-3C						
77	NDICATES WIRE	DICATES WIRE AND CONDUIT INSTALLED BY CONTRACTOR									

PANEL S	CHEDULE				
120V, 1 P	HASE, 3 W	IRE, NEMA 3R,	12SP, 100A MBR		
CIR.	POLES	TRIP	LOAD	AMPS	DEMAND FACTOR 1.25
1	1	15A-GFCI	SERVICE LIGHT	1.0	1.3
2	1	20A-GFCI	RAINDROP TIMER	5.0	6.3
			TOTAL LOAD	6.0	7.5



ELECTRICAL SCHEMATIC SCALE: N.T.S.

_		ന ന			
	TUBV —				
(29/8")	B.V.			7	
(56	UNION				
				PAK FL	(0,0)
			CON	O PORTABLE INECTION	
	(6) <u>SCH. 80 VA</u>	AK PAK MANIFOLD	- (9) VLV'S		

ENGINEER OF RECORD	ZONE REV. E.C.N. NO.	DESCRIPTION	DATE BY	UNLESS OTHERWISE SPECIFIED	DRAWN			DISTRIBUTION STATEMENT:
	A0 N/A	INITIAL RELEASE	07/16/24 KB	DIMENSIONS ARE IN INCHES TOL ANGLE ± 1.0°,		7/16/24	VAK PAK	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF VAK PAK INC., ANY REPRODUCTION IN PART OR
				2 PL ±0.25, 3 PL ±0.125 INTERPRET DIM(S) & TOL(S)	CHECKED			AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VAK PAK INC., IS STRICTLY PROHIBITED.
				THIRD ANGLE PROJECTION	##	7/17/24	TITLE ####################################	:#########
					MFG CHECK		LAUN PARK POTABLE	(WF
					APPROVED		MOBILE, AL	
				\downarrow			VT. (lbs.) SCALE 1:1	B ## SHEET DWG NO #####M1

