

**CITY OF MANNINGTON  
MARION COUNTY, WEST VIRGINIA  
CITY OF MANNINGTON MUNICIPAL POOL**

**ADDENDUM #2**

**JUNE 20, 2023**

**THRASHER PROJECT #010-10191**

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Tuesday, June 13, 2023, on the above-referenced project. The following are clarifications and responses to questions posed by contractors for the above reference project.

**A. GENERAL**

1. **THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**
2. Bids will be received until 2:00 p.m. on Wednesday, June 28, 2023, at **Mannington City Hall, 206 Main Street, Mannington, WV 26582.**

**B. DRAWINGS**

1. Sheet C1.00 was revised to reflect the reduction in area for Item 19.0 "Tuff Coat Surface Paint"
2. Sheet C3.05 was revised to remove the Tuff Coat Surface from the beach entry of the pool. This area will be covered with the pool liner and does not require the Tuff Coat Surface.
3. Sheet C7.01 was revised to clarify which items are to be provided and installed by the Contractor.
4. Sheet A1.02 has been revised to remove the roofing and gutter work from the scope.
5. Sheet A2.01 has been revised to remove gutter and siding work from the scope.
6. Sheet A3.01 has been revised to remove gutter, fascia, and soffit work from the scope.
7. Sheet A7.01 has been revised to show the revised finish schedules.

**C. QUESTIONS AND RESPONSES**

**1. QUESTION**

Penetrations into pool storage building / are they all into the block or are they to go under footer into building? If so how much of the floor will be demolished?

**RESPONSE**

*The exact elevation of the building footer is not known. It is preferred that the penetrations occur above the footer if possible. If not the piping will need to be installed below the footer. Only the concrete floor necessary to install the piping and systems is to be removed and repaired.*

**2. QUESTION**

Does the whole pool need to be demolished also or just areas that need expanded or pipes through floor?

**RESPONSE**

*The entire existing pool is to be demolished and removed.*

**3. QUESTION**

Does the new footer sit on top of the existing pool or do we need to excavate old floor to install?

**RESPONSE**

*The entire existing pool is to be demolished and removed. The Contractor will be responsible for pouring the new floor and footer for the new pool walls to set on.*

**4. QUESTION**

Does the contractor need to buy any pool equipment? pumps, chlorinator, ph balancer, etc.?

**RESPONSE**

*The Contractor will be responsible for purchasing and installing any items that are not listed as "Provided and/or Installed by Others". See sheet C7.01.*

**5. QUESTION**

Is the contractor to demo the existing aluminum gutter and downspout at pool office?

**RESPONSE**

*The existing gutter and downspout is to stay in place. Drawings have been revised to reflect this.*

**6. QUESTION**

Is the contractor to demo the existing siding at the gable trusses on the pool office? If so, will the gable sheathing need to be demo as well?

**RESPONSE**

*The existing siding is to remain. The drawings have been revised to reflect this.*

**7. QUESTION**

Is the contractor to demo the existing soffit and fascia at the pool office?

**RESPONSE**

*The existing soffit and fascia is to remain. The drawings have been revised to reflect this.*

**8. QUESTION**

The existing Pool Office ceiling appears to have a hard ceiling. Is the contractor to apply the New T1-11 directly to existing ceiling material?

**RESPONSE**

*Yes*

**9. QUESTION**

Is seamless aluminum gutter with aluminum downspout acceptable in-place of the requested metal gutter shown on dwg. A3.01?

**RESPONSE**

*The existing gutter is to remain in place.*

**10. QUESTION**

Pool office elevations drawings notes fiber cement “lap siding” to be installed at the gable, but the drawing represents a vertical siding panel. Please clarify type whether lap or vertical siding is to be provided.

**RESPONSE**

*The existing siding is to remain in place.*

**11. QUESTION**

Sill detail 2 on Dwg A6.01 calls for continuous brackets each side of the cast-in-place concrete. Please provide specification for brackets.

**RESPONSE**

*Provide (2) 36" x 3" x 3" x 1/8" 304 Stainless Steel Angles each side of concrete sill. Ends of angle 4" minimum from ends of concrete sill.*

*Attach angle to grouted CMU with Simpson Titan HD 4"x 3/8" galvanized screw anchor at 8" O.C. and 2" from the end of the angle.*

*Attach angle to concrete sill with Simpson Titan HD 1-7/8" x 1/4" galvanized screw anchor at 8" O.C. and 2" from the end of the angle.*

**12. QUESTION**

What is the interior wall elevation for the ceramic in room 101?

**RESPONSE**

*Ceramic floor/wall tile has been removed from the Project scope.*

**13. QUESTION**

Please provide the ceramic selection for CT-2 as it is not shown on the Finish Schedule.

**RESPONSE**

*Ceramic floor/wall tile has been removed from the Project scope.*

**14. QUESTION**

P1 is noted as exterior wall paint. Is the contractor to Prep and paint the pool office exterior walls?

**RESPONSE**

*Yes. The exterior of the pool house and pump house shall be prepped and painted to match.*

**15. QUESTION**

Please provide P-2 mark “finish selection”?

**RESPONSE**

*Paint P-2 is Interior Wall, Manufacturer: Sherwin Williams, Color: To be selected by the Architect.*

**16. QUESTION**

Please note ceiling finish, stain or paint mark?

**RESPONSE**

*The Ceiling and ceiling trim is to be painted, P-3 as described in the Finish Schedule, A7.01R*

**17. QUESTION**

Drawing and addendum note that contract is to set pool walls. Please provide detail scope, product specification, assembly instructions, wall weight and/or equipment required to assemble wall system?

**RESPONSE**

*The Contractors scope is just to lift and place the wall sections into the excavation. Natara will position and install the wall sections from there.*

**18. QUESTION**

Will the Contractor be responsible for the necessary markings around the pool edge?

**RESPONSE**

*The necessary markings and indicators around the top edges of the pool will be provided by Natara as part of their gutter system. The Contractor will not be responsible for these items.*

**19. QUESTION**

Can Natara provide additional details on the grouting and installation of the gutter system?

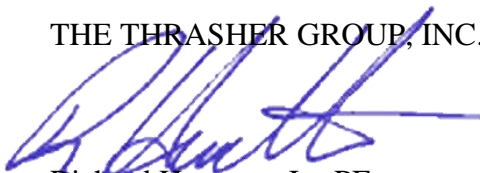
**RESPONSE**

*According to Natara no grout will be required for this installation as the gutter system will be welded to the wall panels.*

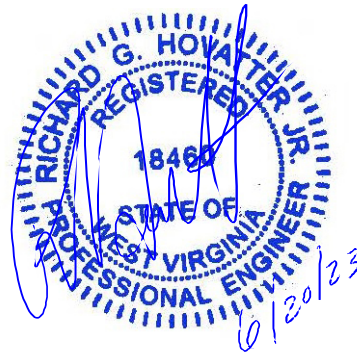
If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, bids will be received until **2:00 p.m. on Wednesday, June 28, 2023**, at **Mannington City Hall, 206 Main Street, Mannington, WV 26582**. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



Richard Hovatter, Jr., PE  
Project Manager



## **BID FORM FOR CONSTRUCTION CONTRACT**

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

### **ARTICLE 1—OWNER AND BIDDER**

1.01 This Bid is submitted to:  
*City of Mannington*  
*206 Main Street*  
*Mannington, WV 26582*

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

### **ARTICLE 2—ATTACHMENTS TO THIS BID**

2.01 The following documents are submitted with and made a condition of this Bid:

A. Bid Opening Requirements

### **ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES**

#### **GENERAL**

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

#### **BID PROPOSAL**

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the City of Mannington Municipal Pool. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 011000. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

3.01 *Lump Sum Bids*

A. Bidder will complete the Work in accordance with the Contract Documents for the lump sum (stipulated) price(s), together with any Unit Prices indicated in Paragraph 3.02 and shown in the bid schedule.

B. Lump Sum Bids may be one of the following:

1. Lump Sum Price (Single Lump Sum)
  2. Lump Sum Price (Base Bid and Alternates)
  3. Lump Sum Price (Sectional Lump Sum Bids)
- C. All specified cash allowance(s) are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.
- D. All specified contingency allowances are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.

3.02 *Total Bid Price (Lump Sum and Unit Prices)*

**PROPOSED  
 CITY OF MANNINGTON MUNICIPAL POOL  
 FOR THE  
 CITY OF MANNINGTON  
 MARION COUNTY, WEST VIRGINIA  
 THRASHER PROJECT #010-10191  
BID SCHEDULE**

***NOTE: Bid Unit Price amounts are to be shown in both words and figures. In case of discrepancy, the Bid Unit Price shown in words will govern. Bids shall include sales tax and all other applicable taxes and fees.***

Bid Item	Quantity	Description with Unit Price Written In Words	Unit Price (In Figures)	Total Price (In Figures)
1	1 LS	MOBILIZATION AND DEMOBILIZATION		
		_____	Cents	\$ _____
		_____		\$ _____
2	1 LS	STAKEOUT		
		_____	Dollars	
		_____	Cents	\$ _____
		_____		\$ _____
3	1 LS	SITE DEMOLITION		
		_____	Dollars	
		_____	Cents	\$ _____
		_____		\$ _____
4	1 LS	POOL HOUSE CONCESSION DEMO		
		_____	Dollars	
		_____	Cents	\$ _____
		_____		\$ _____

Bid Item	Quantity	Description with Unit Price Written In Words	Unit Price (In Figures)	Total Price (In Figures)
5	1	LS SPLASH PARK INSTALLATION		
			Dollars	
			Cents	\$
				\$
6	1,120	SY CONCRETE POOL/SPLASH PAD DECK		
			Dollars	
			Cents	\$
				\$
7	325	LF BLACK VINYL COATED CHAIN LINK FENCE		
			Dollars	
			Cents	\$
				\$
8	3	EA BLACK VINYL COATED CHAIN LINK FENCE MAN GATE		
			Dollars	
			Cents	\$
				\$
9	1	EA LANDSCAPE ISLAND		
			Dollars	
			Cents	\$
				\$
10	2	EA NYOPLAST 12" DRAIN BASIN		
			Dollars	
			Cents	\$
				\$
11	210	LF 6" HDPE N-12 STORM DRAINPIPES		
			Dollars	
			Cents	\$
				\$
12	20	LF 2" POLY WATERLINE SDR 9		
			Dollars	
			Cents	\$
				\$
13	140	LF 1" POLY WATERLINE SDR 9		
			Dollars	



				Cents	\$		\$
14	180	LF	ADA RAMP HANDRAIL				
				Dollars			
				Cents	\$		\$
15	90	LF	ADA RAMP CURB				
				Dollars			
				Cents	\$		\$
16	1	EA	HALLIDAY 36" X 48" F1C ACCESS DOOR				
				Dollars			
				Cents	\$		\$
17	80	CY	307-1 CLASS I AGGREGATE BACKFILL				
				Dollars			
				Cents	\$		\$
18	25	CY	AASHTO #8 POOL WALL BACKFILL STONE				
				Dollars			
				Cents	\$		\$
19	3,135	SF	TUFF COAT SURFACE				
				Dollars			
				Cents	\$		\$
20	200	SF	KEYSTONE RETAINING WALL				
				Dollars			
				Cents	\$		\$
21	1	EA	POOL LIFT ANCHOR WITH CAP				
				Dollars			
				Cents	\$		\$
22	1	EA	SAIL SHADE STRUCTURE				
				Dollars			
				Cents	\$		\$

23	4	EA	SAIL SHADE STRUCTURE FOUNDATIONS			
				Dollars		
				Cents	\$	\$
24	1	LS	ELECTRICAL WORK FOR POOL COMMONS			
				Dollars		
				Cents	\$	\$
25	120	CY	CONCRETE POOL FLOOR AND FOOTER			
				Dollars		
				Cents	\$	\$
26	8	SY	POOL FILTER SYSTEM CONCRETE PAD			
				Dollars		
				Cents	\$	\$
27	3	EA	30" 3 STEP POOL LADDER			
				Dollars		
				Cents	\$	\$
28	13	EA	PENTAIR INTELLIBRITE 5G LED POOL LIGHTS (COMPLETE)			
				Dollars		
				Cents	\$	\$
29	350	LF	4" SDR 35 PERFORATED POOL FOOTER DRAINPIPE			
				Dollars		
				Cents	\$	\$
30	5	LF	4" SDR35 SOLID POOL FOOTER DRAIN CONVEYANCE PIPE			
				Dollars		
				Cents	\$	\$
31	120	LF	8" SCH 80 PVC PIPE			
				Dollars		
				Cents	\$	\$

32	85	LF	6" SCH 80 PVC PIPE	_____ Dollars	_____ Cents	\$ _____	\$ _____
33	15	LF	3" SCH 80 PVC PIPE	_____ Dollars	_____ Cents	\$ _____	\$ _____
34	45	LF	2" SCH 80 PVC PIPE	_____ Dollars	_____ Cents	\$ _____	\$ _____
35	1	LS	POOL HOUSE CONCESSIONS REMODEL	_____ Dollars	_____ Cents	\$ _____	\$ _____

**TOTAL BID:** \_\_\_\_\_ (Words)  
 \_\_\_\_\_ (\$ \_\_\_\_\_) (Figures)

(Bid Unit Price amounts are to be shown in both words and figures. In case of discrepancy, the Bid Unit Price shown in words will govern.)

**DEDUCTIVE ALTERNATES**

Unit prices used in Deductive Alternates must be the same unit prices used in the Bid.

Item	Quantity	Description with Unit Price Written In Words	Unit Price (In Figures)	Total Price (In Figures)
4	1 LS	POOL HOUSE CONCESSION DEMO	_____ Dollars _____ Cents	\$ _____ \$ _____
22	1 EA	SAIL SHADE STRUCTURE	_____ Dollars _____ Cents	\$ _____ \$ _____

19	3,135	SF	TUFF COAT SURFACE			
				Dollars		
				Cents	\$	\$
<hr/>						
9	1	EA	LANDSCAPE ISLAND			
				Dollars		
				Cents	\$	\$
<hr/>						
35	1	LS	POOL HOUSE CONCESSIONS REMODEL			
				Dollars		
				Cents	\$	\$

3.03 *Method of Award*

If at the time this Contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible bidder, as listed in contract does not exceed the amount of funds estimated by the Owner, as available to finance the contract, the construction contract may be awarded. If such bids exceeds such amount, the Owner may reject any or all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder, less the amount(s) of the deductive alternate(s) subtracted in **any order** to produce the lowest bid within the funds available for financing.

~~ARTICLE 4—BASIS OF BID—COST PLUS FEE—DELETED~~

~~ARTICLE 5—PRICE PLUS TIME BID—DELETED~~

**ARTICLE 6—TIME OF COMPLETION**

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 **Deleted**

6.03 **Deleted**

6.04 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA**

7.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 45 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

7.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

**ARTICLE 8—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**

8.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
  - 1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  - 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  - 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  - 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  - 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
  - 7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
  - 8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
  - 9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site

conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### 8.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
  - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
  - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
  - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
  - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

\_\_\_\_\_  
*(typed or printed name of organization)*

By:

\_\_\_\_\_  
*(individual's signature)*

Name:

\_\_\_\_\_  
*(typed or printed)*

Title:

\_\_\_\_\_  
*(typed or printed)*

Date:

\_\_\_\_\_  
*(typed or printed)*

*If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.*

Attest:

\_\_\_\_\_  
*(individual's signature)*

Name:

\_\_\_\_\_  
*(typed or printed)*

Title:

\_\_\_\_\_  
*(typed or printed)*

Date:

\_\_\_\_\_  
*(typed or printed)*

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contact:

Name:

\_\_\_\_\_  
*(typed or printed)*

Title:

\_\_\_\_\_  
*(typed or printed)*

Phone:

\_\_\_\_\_

Email:

\_\_\_\_\_

Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contractor License No.: (if applicable)

\_\_\_\_\_



**GENERAL NOTES**

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLAN AND ELEVATION DIMENSIONS OF THE VARIOUS WORK ITEMS ON THIS PROJECT.
- ALL CONSTRUCTION SHALL CONFORM TO THE THRASHER PLANS AND SPECIFICATIONS INCLUDED IN THIS PLAN SET. ANY TECHNICAL PROCESS FOR CONSTRUCTION METHOD OR MATERIAL THAT IS NOT COVERED IN THESE CONTRACT DOCUMENTS WILL BE COVERED BY WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS, ROADS AND BRIDGES, ADOPTED 2017 AND THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, SUPPLEMENTAL SPECIFICATIONS DATED 2021, STANDARD DETAILS VOLUME I DATED MAY, 2016 AND VOLUME II DATED JANUARY 1, 2019. THE MEASUREMENT AND PAYMENTS ARE COVERED IN THE CONTRACT DOCUMENTS AND CONTRACT PLANS ARE THE GOVERNING PROVISIONS APPLICABLE TO THIS PROJECT.
- THE LOCATION AND/OR ELEVATIONS OF ALL KNOWN UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION FROM EXISTING PLANS AND FIELD INVESTIGATION. IT IS CONTRACTORS RESPONSIBILITY TO ASCERTAIN THE STATUS AND LOCATION OF EACH UTILITY WHERE PERFORMING WORK WHICH MAY AFFECT THESE FACILITIES, INCLUDING PROBING, EXCAVATION, OR ANY OTHER PRECAUTION REQUIRED TO CONFIRM LOCATION. CONTRACTOR SHOULD CONTACT "MISS UTILITY OF WEST VIRGINIA" (800-254-4848) TO FIELD LOCATE ALL ABOVE AND BELOW GROUND UTILITIES IN THE AREA. THE CONTRACTOR SHALL TAKE ALL RESPONSIBLE PRECAUTIONS AGAINST DAMAGE TO EXISTING UTILITIES. HOWEVER IN THE EVENT OF DAMAGE OR DISRUPTION TO UTILITIES WHICH ARE ACTIVE AND ARE TO REMAIN IN SERVICE, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE OFFICIAL OF THE ORGANIZATION OPERATING THE UTILITY INTERRUPTED. CONTRACTOR SHALL IMMEDIATELY LEND ALL POSSIBLE ASSISTANCE IN RESTORING SERVICES AND SHALL ASSUME ALL COST, CHARGES, OR CLAIMS CONNECTED WITH THE INTERRUPTION AND REPAIR OF SUCH SERVICES.
- RAIN DROP PRODUCTS, LLC PROVIDED THE DESIGN DRAWINGS ASSOCIATED WITH THE SPLASH PAD EQUIPMENT. THE EQUIPMENT HAS BEEN DIRECT PURCHASED BY THE OWNER WILL BE ON SITE FOR CONTRACTOR TO INSTALL. THE LIST OF EQUIPMENT PROVIDED BY RAIN DROP, LLC/OWNER IS LISTED ON THEIR PLANS WHICH ARE A PART OF THIS CONSTRUCTION SET. RAIN DROP WILL PROVIDE ASSISTANCE WHEN THE ACTUAL ABOVE GROUND ACCESSORIES ARE READY TO BE ASSEMBLED AND INSTALLED.
- NATARE CORPORATION WILL BE SUPPLYING AND INSTALLING THE POOL WALLS, GUTTERS, COLLECTION BOXES, FILTER SYSTEM, WATER CONTROL SENSOR AND CONTROLLER, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTED THE POOL FLOOR, SETTING THE WALL PANELS IN THE POOL EXCAVATION, AND ALL CONNECTING PLUMBING AND WIRING.
- CONCRETE FOR FOOTERS AND FLOOR SLAB SHALL BE 3,500 PSI. SUBSOILS SHALL CAPABLE OF PROVIDING 2,500 PSF BEARING PRESSURE. POOL FOOTINGS SHALL BE 24" WIDE AND 12" THICK AND SHALL BE POURED MONOLITHICALLY WITH THE FLOOR SLAB.
- CONCRETE FINISH FLOORS SHALL HAVE A FINE BROOM FINISH. LIGHTLY TOOL ALL EDGES AS CONSTRUCTION JOINTS AND EXERCISE CARE THAT THE SLAB EDGES ARE NOT DEPRESSED ALONG FORMS DURING FINISHING OPERATIONS, PARTICULARLY HAND TROWELING.
- FLATNESS AND LEVELNESS TOLERANCES: THE POOL BOTTOM FLOOR SHOULD CONFORM TO THE DIMENSIONS SHOWN ON THE PLANS AND SHOULD BE FLAT WITHIN THE FOLLOWING TOLERANCES. THE MAXIMUM GAP BETWEEN THE FLOOR SURFACE AND THE BOTTOM OF A 10-FT STRAIGHTEDGE MUST HAVE 90% OF SAMPLES NOT EXCEED  $\frac{1}{4}$ " AND 100% OF THE SAMPLES MUST NOT EXCEED  $\frac{3}{8}$ ".
  - FLOOR FLATNESS NUMBER: FF NUMBER
  - SPECIFIED OVERALL VALUE = [35]
  - MINIMUM LOCAL VALUE = [24]
  - FLOOR LEVELNESS NUMBER: FL
  - SPECIFIED OVERALL VALUE = [25]
  - MINIMUM LOCAL VALUE = [18]
- POOL WALL BACKFILL SHALL BE CLEAN AASHTO NO. 8 STONE. BACKFILL SHALL BE PLACED CAREFULLY IN MULTIPLE LIFTS. IF MECHANICALLY COMPACTED, A VIBRATORY CONCRETE COMPACTOR WITH A MAXIMUM OF 2-HP AND A HEAD DIAMETER OF 1.5 INCHES SHALL BE USED.
- THE POOL WALL SHOULD NOT BE BACKFILLED UNTIL ALL POOL COMPONENTS ARE IN PLACE AND INSTALLATION IS COMPLETE. POOL WALL STRUCTURES SHOULD BE BRACED ON THE POOL INTERIOR DURING BACKFILLING. BRACING SHOULD INCLUDE DIAGONAL BRACING TO THE POOL BOTTOM AND HORIZONTALLY TO A SUITABLE TIE-BACK.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING AND/OR MODIFYING ANY EXISTING UTILITIES THAT MAY BE INTERRUPTED DUE TO THE CONSTRUCTION.
- THE EXISTING MATERIALS TO BE DEMOLISHED SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF SITE.
- THE WORK AREA SHALL BE FENCED TO PRODUCE A BOUNDARY BETWEEN THE CONSTRUCTION AREA AND THE REMAINDER OF THE FOUR SEASONS FACILITY.

**QUANTITY SUMMARY**

ITEM NO.	DESCRIPTION	UNIT	QTY
1.0	MOBILIZATION AND DEMOBILIZATION	LS	1
2.0	STAKEOUT	LS	1
3.0	SITE DEMOLITION	LS	1
4.0	POOL HOUSE CONCESSION DEMO	LS	1
5.0	SPLASH PARK INSTALLATION	LS	1
6.0	CONCRETE POOL/SPLASH PAD DECK	SY	1,120
7.0	BLACK VINYL COATED CHAIN LINK FENCE	LF	325
8.0	BLACK VINYL COATED CHAIN LINK FENCE MAN GATE	EA	3
9.0	LANDSCAPE ISLAND	EA	1
10.0	NYOPLAST 12" DRAIN BASIN	EA	2
11.0	6" HDPE N-12 STORM DRAIN PIPES	LF	210
12.0	2" POLY WATERLINE SDR 9	LF	20
13.0	1" POLY WATERLINE SDR 9	LF	140
14.0	ADA RAMP HANDRAIL	LF	180
15.0	ADA RAMP CURB	LF	90
16.0	HALLIDAY 36" X 48" FIC ACCESS DOOR	EA	1
17.0	307-1 CLASS I AGGREGATE BACKFILL	CY	80
18.0	AASHTO #8 POOL WALL BACKFILL STONE	CY	25
19.0	TUFF COAT SURFACE PAINT	SF	3,135
20.0	KEystone RETAINING WALL	SF	200
21.0	POOL LIFT ANCHOR WITH CAP	EA	1
22.0	SAIL SHADE STRUCTURE	EA	1
23.0	SAIL SHADE STRUCTURE FOUNDATIONS	EA	4
24.0	ELECTRICAL WORK FOR POOL COMMONS	LS	1
25.0	CONCRETE POOL FLOOR AND FOOTER	CY	120
26.0	POOL FILTER SYSTEM CONCRETE PAD	SY	8
27.0	30" 3 STEP POOL LADDER	EA	3
28.0	PENTAIR INTELLIBRITE 5G LED POOL LIGHTS (COMPLETE)	EA	13
29.0	4" SDR 35 PERFORATED POOL FOOTER DRAIN PIPE	LF	350
30.0	4" SDR35 SOLID POOL FOOTER DRAIN CONVEYANCE PIPE	LF	5
31.0	8" SCH 80 PVC PIPE	LF	120
32.0	6" SCH 80 PVC PIPE	LF	85
33.0	3" SCH 80 PVC PIPE	LF	15
34.0	2" SCH 80 PVC PIPE	LF	45
35.0	POOL HOUSE CONCESSIONS REMODEL	LS	1

DEDUCTIVE ALTERNATE			
ITEM NO.	DESCRIPTION	UNIT	QTY
1	POOL HOUSE CONCESSION DEMO	LS	1
2.0	SAIL SHADE STRUCTURE	EA	1
3.0	TUFF COAT SURFACE PAINT	SF	3,135
4.0	LANDSCAPE ISLAND	EA	1
5.0	POOL HOUSE CONCESSIONS REMODEL	LS	1

1

**CONSTRUCTION SEQUENCE OF EVENTS:**

- LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY MISS UTILITY OF WEST VIRGINIA AT 1-800-245-4848 A MINIMUM OF (2) DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- PERFORM DEMOLITION ACTIVITIES PER SHEET C3.01 STRIP AND REMOVE TOPSOIL.
- BEGIN MECHANICAL ROOM MODIFICATIONS.
- INSTALL RESERVOIR TANK AND PIPING.
- CONSTRUCT PROPOSED RETAINING WALL PER CONSTRUCTION PLANS.
- ROUGH GRADE SITE.
- CONSTRUCT POOL AND INSTALL POOL PLUMBING
- INSTALL DRAINAGE FACILITIES AND ALL OTHER UTILITIES.
- COMPLETE MECHANICAL ROOM MODIFICATIONS.
- COMPLETE FINE GRADING AND PREPARATION OF SUBGRADE FOR SUB-BASE MATERIAL. ALL DISTURBED AREAS SHALL BE DRESSED TO A NEAT AND FINISHED APPEARANCE.
- INSTALL AND PRESSURE TEST SPLASH PAD PIPING.
- COMPLETE CONCRETE PAD.
- COMPLETE INSTALLATION OF SPLASH PAD COMPONENTS.
- FINAL PROJECT CLEANUP AND DEMOBILIZATION.

**CONTACT INFORMATION:**

OWNER	ENGINEER	TELECOMMUNICATIONS
<b>THE CITY OF MANNINGTON</b> ATTN: 206 MAIN STREET MANNINGTON, WV 26583 304-986-2700 <b>WATER</b> MANNINGTON WATER DEPARTMENT 206 MAIN STREET, MANNINGTON, WV 26583 304-986-2700 <b>MISS UTILITY</b> 1-800-245-4848 http://www.wv811.com	<b>THE THRASHER GROUP, INC.</b> RICHARD HOVATTER, PE rhovatter@thethrashergroup.com 304-205-8809 <b>SEWER AND STORMWATER</b> THE CITY OF MANNINGTON 206 MAIN STREET, MANNINGTON, WV 26583 304-986-2700	<b>FRONTIER</b> 1-800-921-8101 <b>COMCAST</b> 1-304-291-6377 <b>ELECTRIC</b> <b>MON POWER</b> 1-800-686-0022 <b>GAS</b> DOMINION ENERGY 1-800-688-4673

FULL SIZE PLAN SCALE: LAYOUT TAB: 2 GENERAL NOTES AND QUANTITIES  
 CAD FILE: R:\010\010-10191-00-City of Mannington - Drawing\10191-Gen Notes And Quantities.dwg  
 PLOT DATE/TIME: 6/20/2023 3:58 PM

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REV#	MRL	DATE	DESCRIPTION
REV1	MRL	06.15.2023	REVISED QUANTITY OF TUFF COAT SURFACE
NO.	BY	DATE	DESCRIPTION



SCALE: AS SHOWN
DRAWN: JWH DATE: 12.22.21
CHECKED: DATE:
APPROVED: DATE:
SURVEY DATE:
SURVEY BY:
FIELD BOOK No.:

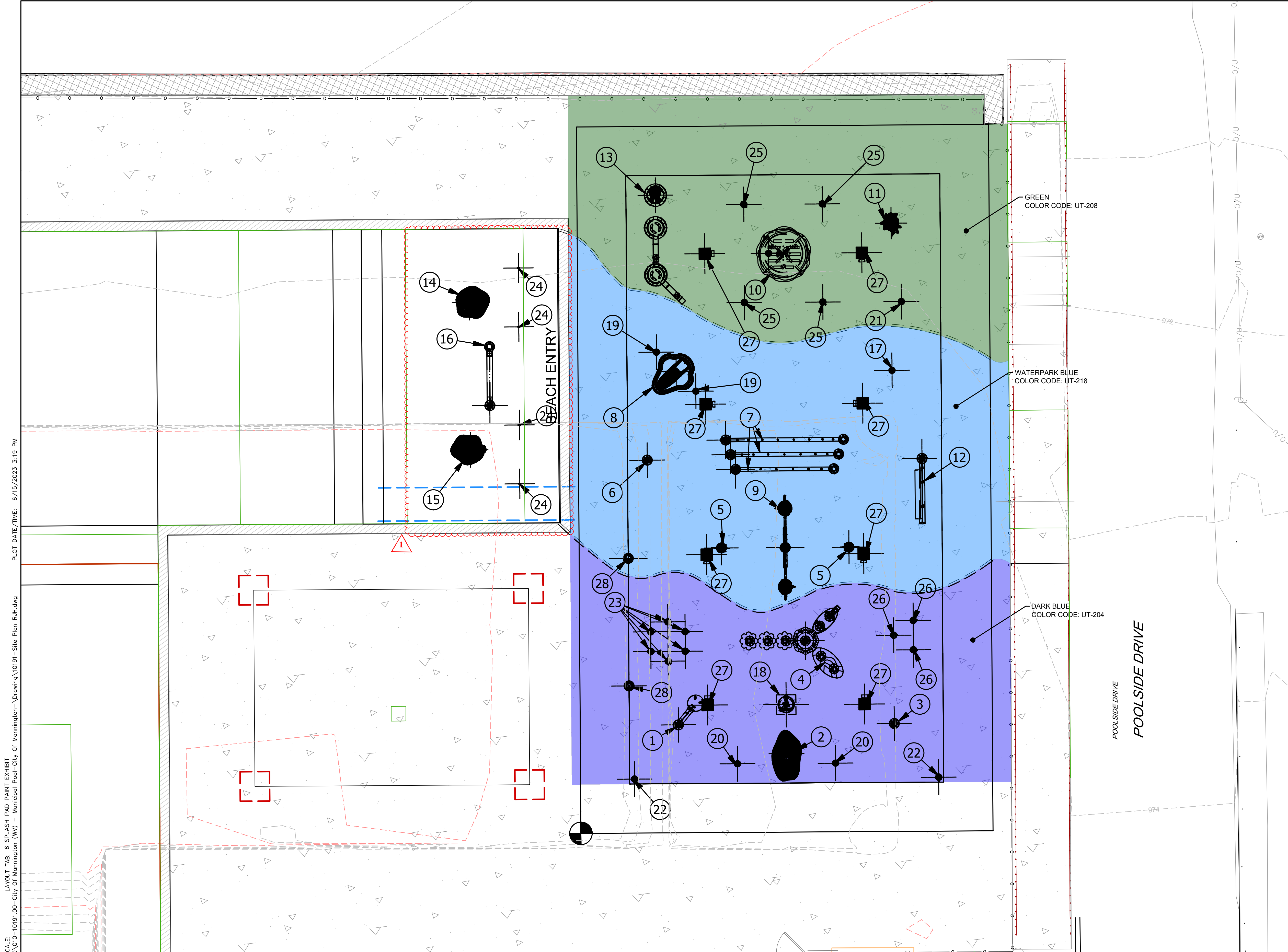


PHASE No.
CONTRACT No.
PROJECT No.
101-010-10191

**CITY OF MANNINGTON MUNICIPAL POOL**  
**ISSUED FOR DEMOLITION PLANS**  
**MARION COUNTY, WV**  
**GENERAL NOTES AND QUANTITIES**

SHEET No.  
**C1.00**

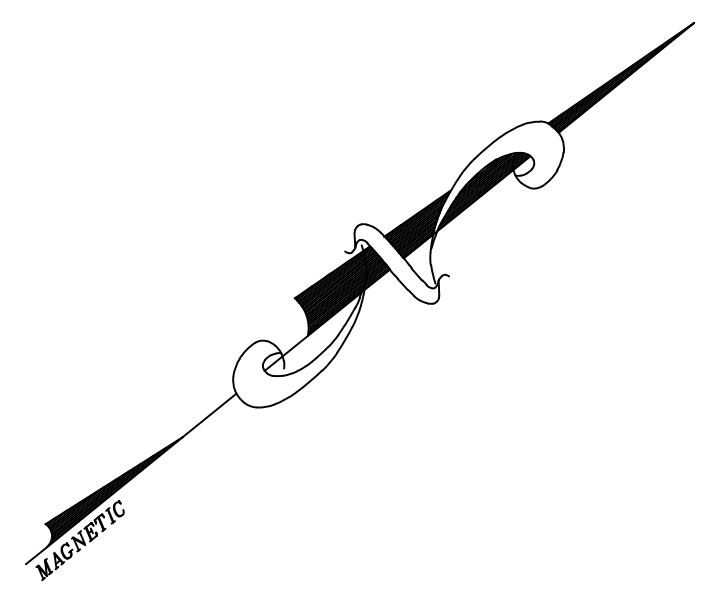




### PLAN LEGEND

	EXISTING CONTOURS
	EXISTING PROPERTY LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING SANITARY SEWER
	EXISTING PAVED ROAD
	EXISTING CHAIN LINK FENCE
	EXISTING WOOD PRIVACY FENCE
	EXISTING CULVERT
	EXISTING CONCRETE AREA
	EXISTING UTILITY POLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING CLEANOUT
	EXISTING LIGHT POLE
	EXISTING WATER METER
	EXISTING WATER WELL
	PROPOSED CONTOURS
	PROPOSED FENCE
	PROPOSED TRENCH DRAIN
	PROPOSED UNDERGROUND ELECTRIC

- ### NOTES
- 1: PRIOR TO PAINT PLACEMENT THE AREAS TO BE PAINTED SHALL BE PRIMED PER MANUFACTURER STANDARDS WITH A TUFF COAT UT-80 PRIMER OR APPROVED EQUAL.
  - 2: THE PAINT USED SHALL BE TUFF COAT UT-200 SERIES-SUBMERSIBLE, MEDIUM TEXTURE OR APPROVED EQUAL AND SHALL BE APPLIED PER MANUFACTURER STANDARDS.



FULL SIZE PLAN SCALE: LAYOUT TAB: 6 SPLASH PAD PAINT EXHIBIT  
 CAD FILE: R:\010\010-10191-00-City of Mannington (WV) - Municipal Pool-City of Mannington-Drawing\10191-Site Plan\_Rult.dwg  
 PLOT DATE/TIME: 6/15/2023 3:19 PM

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NO.	BY	DATE	DESCRIPTION
REVI	MRL	06.15.2023	REVISED PAINT DETAILS TO MATCH NEW DESIGN OF POOL



SCALE: AS SHOWN

DRAWN: JH	DATE: 12.22.21
CHECKED:	DATE:
APPROVED:	DATE:
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

**THRASHER**  
 THE THRASHER GROUP, INC.  
 600 WHITE OAKS BLVD, BRIDGEPORT, WV 26330  
 PHONE (304) 624-4108  
 FAX (304) 624-7831

PHASE No.
CONTRACT No.
PROJECT No.
<b>101-010-10191</b>

CITY OF MANNINGTON MUNICIPAL POOL  
 ISSUED FOR DEMOLITION PLANS  
 MARION COUNTY, WV  
 SPLASH PAD PAINT PLAN

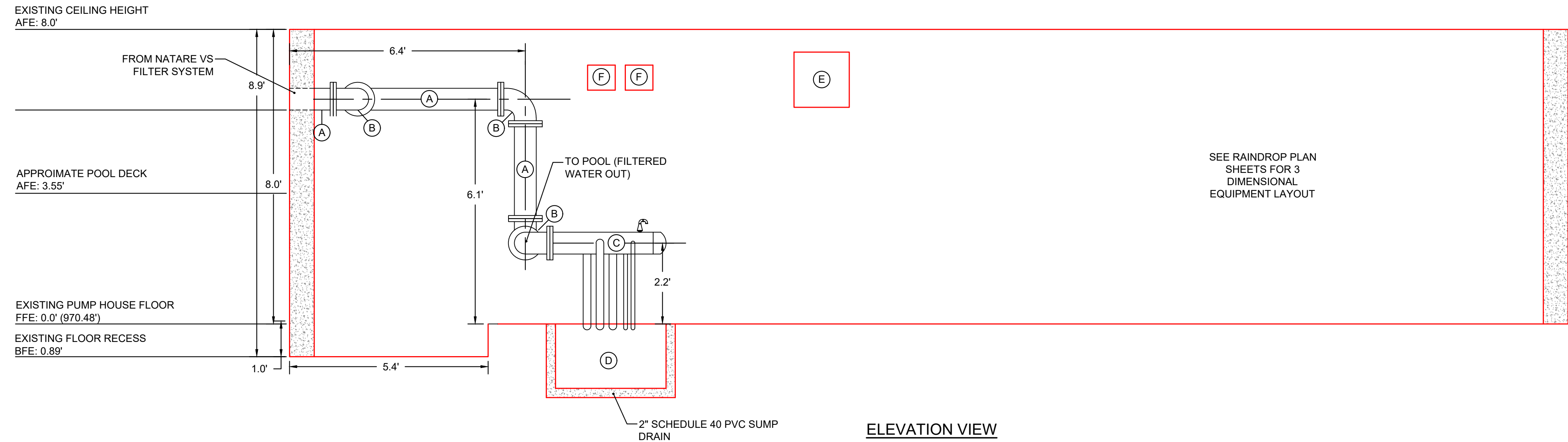
SHEET No.  
**C3.05**



LAYOUT TAB: Layout1  
 FULL SIZE PLAN SCALE: 1/8" = 1'-0"  
 CAD FILE: R:\010\010-10191-00-City of Mannington (WV) - Municipal Pool-City of Mannington-Pump House Detail.dwg  
 PLOT DATE/TIME: 6/20/2023 12:36 PM

**NOTES:**

- CONTRACTOR SHALL INSTALL ALL VALVES AND OTHER MANUALLY OPERATED IMPLEMENTS IN SUCH A MANNER TO ALLOW ADEQUATE SPACE TO FUNCTION AS INTENDED AND TO ALLOW FUTURE MAINTENANCE OR AD DIRECTED BY THE ENGINEER/OWNER.
- DETAIL IS INTENDED FOR REFERENCE ONLY. DUE TO VARIANCES IN MANUFACTURERS AND FIELD CONDITIONS, CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND LOCATIONS OF ITEMS PRIOR TO FINAL INSTALLATION.
- ALL PIPES AND RELATED IMPLEMENTS SHALL BE INSTALLED AND RESTRAINED PER MANUFACTURER'S RECOMMENDATIONS USING STAINLESS STEEL HARDWARE.



**ELEVATION VIEW**

**LEGEND**

**PROVIDED AND INSTALLED BY OTHERS**

- (A) NATARE MICROFLO STANDARD WALL MOUNT CONTROLLER
- (B) NATARE VS FILTER AIR COMPRESSOR
- (C) NATARE AUTOMATIC WATER LEVEL CONTROLLER
- (D) 1" SOLENOID VALVE FOR POOL FILTER MAKE-UP LINE

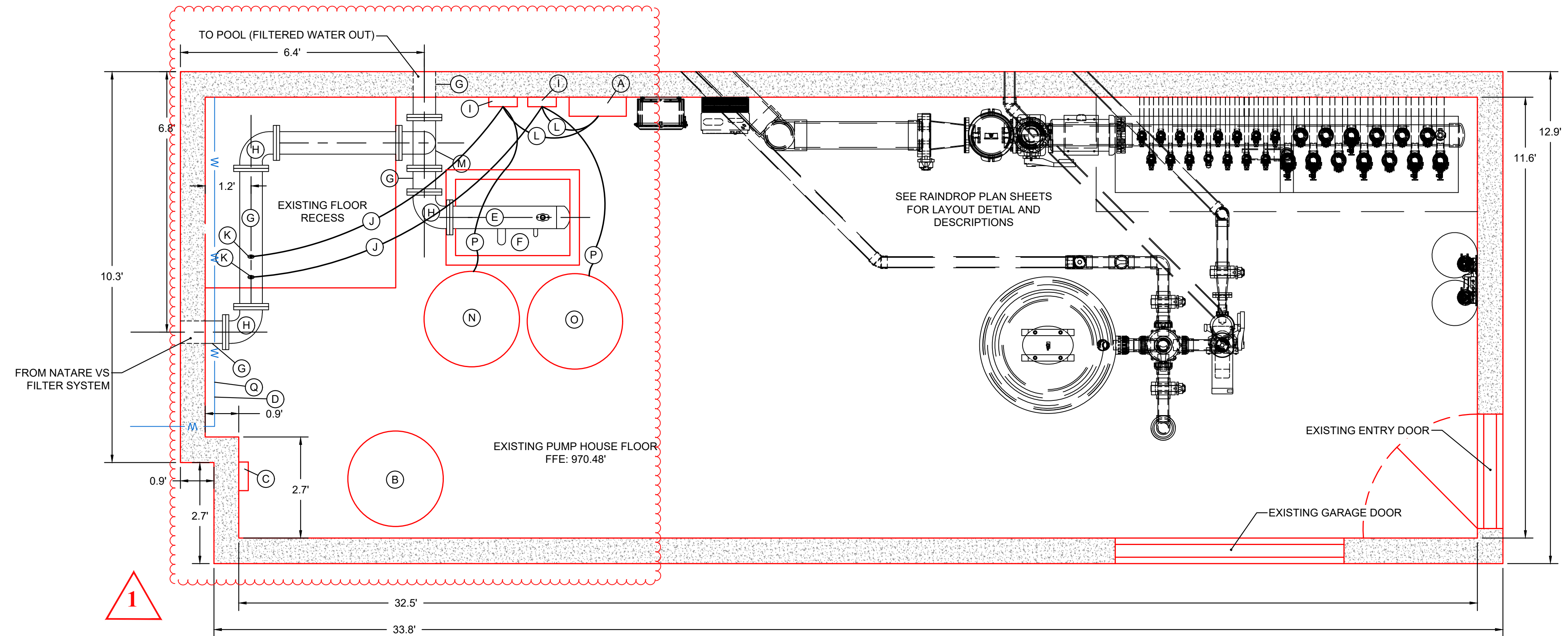
**PROVIDED BY OTHERS-INSTALLED BY CONTRACTOR**

- (E) RAIN DROP PRODUCTS 6" SPLASH PAD MANIFOLD INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- (F) RAIN DROP PRODUCTS 6" SPLASH PAD MANIFOLD DRAINAGE SUMP INSTALL PER MANUFACTURER'S RECOMMENDATIONS

**PROVIDED AND INSTALLED BY CONTRACTOR**

- (G) 6" SCH. 40 PVC PIPE
- (H) 6" 90° GLUE JOINT FITTING
- (I) BLUE-WHITE INDUSTRIES M1 FLEXFLO PERISTALTIC DOSING PUMP OR APPROVED EQUAL
- (J) CHEMICAL INJECTION LINE COORDINATE WITH OWNER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- (K) CHEMICAL FEED INJECTOR COORDINATE WITH OWNER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- (L) INJECTION PUMP CONTROL SENSOR FEED COORDINATE WITH OWNER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- (M) 6" X 6" X 6" GLUE JOINT TEE
- (N) SODIUM HYPOCHLORITE CONTAINER TANK
- (O) SODIUM PHOSPHATE CONTAINER TANK
- (P) CHEMICAL FEED SUCTION LINE COORDINATE WITH OWNER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- (Q) 1" SDR-9 CTS 200 WATERLINE FOR POOL FILTER MAKE-UP LINE.

CONTRACTOR SHALL BE RESPONSIBLE FOR PIPING, FITTINGS, HARDWARE, ETC. TO COMPLETE THE INSTALLATION OF AN OPERATING POOL AND SPLASH PAD SYSTEMS.



**PLAN VIEW**

**PUMP HOUSE PLUMBING DETAIL  
NOT TO SCALE**

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NO.	REV	BY	DATE	RESPONSIBILITY OF POOL EQUIPMENT PURCHASE AND INSTALLATION	DESCRIPTION
	REV1	RJH	06.20.2023		



SCALE: AS SHOWN	DRAWN: JHJ	DATE: 12.22.21
CHECKED: DATE:	APPROVED: DATE:	
SURVEY DATE:	SURVEY BY:	
FIELD BOOK No.:		



PHASE No.	
CONTRACT No.	
PROJECT No.	101-010-10191

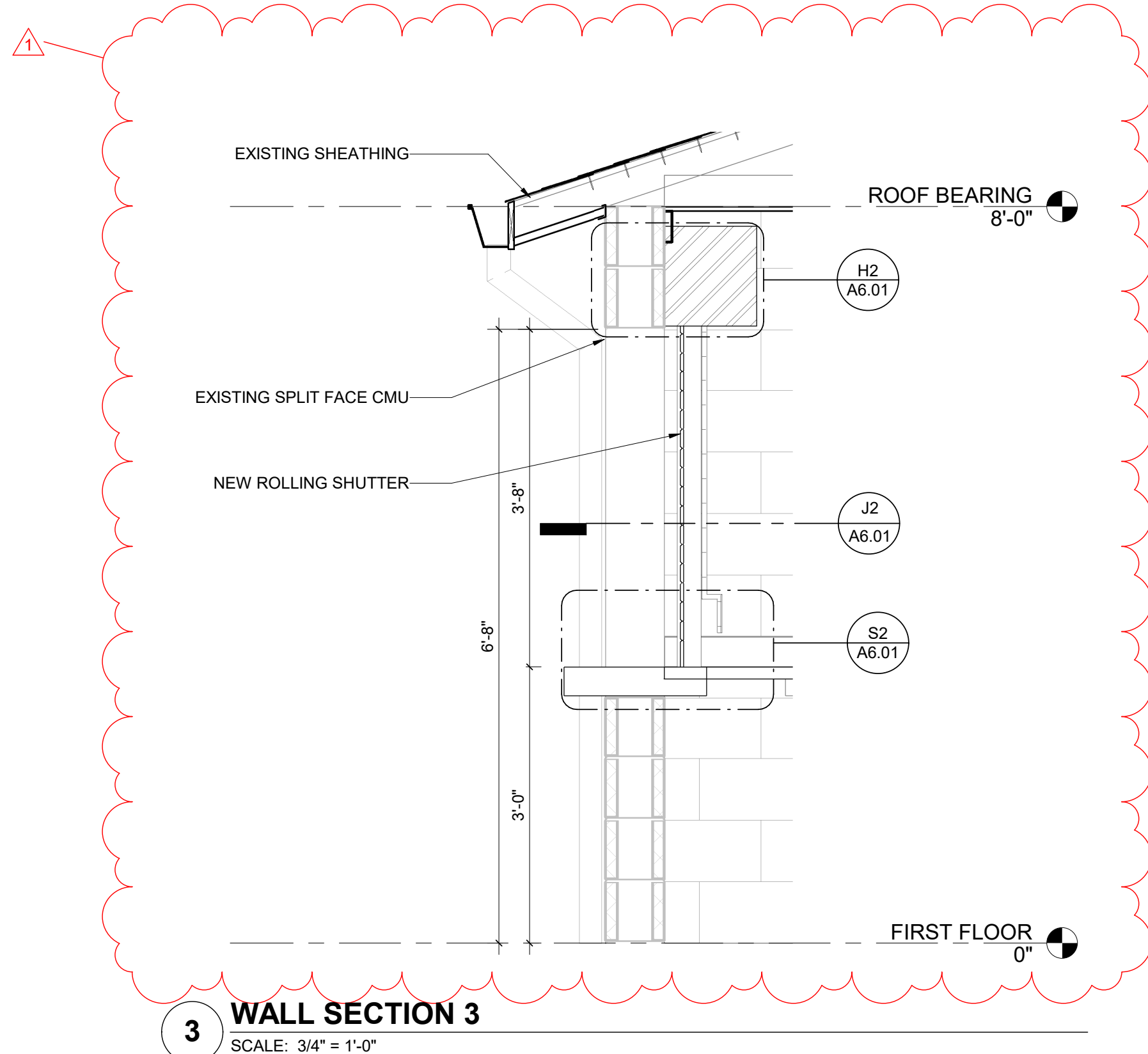
CITY OF MANNINGTON MUNICIPAL POOL  
ISSUED FOR DEMOLITION PLANS  
MARION COUNTY, WV  
PUMP HOUSE DETAIL

SHEET No.  
**C7.01**









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

**INSTALLING ROLLING COUNTER DOOR**

1. Provide temporary head support by routing existing joints 2" deep and inserting a 6" x 2" x 1/4" steel z in the joint with minimum 4" end bearing on each end.
2. Cut out interior face of CMU to 4" depth and insert a W8x10 beam snug against existing CMU with 8" bearing on existing grouted CMU on each end.
3. Remove existing cmu from new opening including tothing joints at both jambs.
4. Grout jambs solid as new tooth in CMU progresses.
5. Remove temporary steel z. Weld 1/4" primed steel for header and for back of beam for new roll up door mounting. Paint all exposed steel. Fill any voids between steel and CMU.
6. Install roll up door jamb, jamb guides, and hood to sill.

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NO.	BY	DATE	DESCRIPTION
1	DS	06/20/23	ADDENDUM #2

**CITY OF MANNINGTON MUNICIPAL POOL**  
 CITY OF MANNINGTON  
 200 POOLSIDE DRIVE, MANNINGTON, WV 26582  
 MAY 31, 2023  
 BIDDING DOCUMENTS

DRAWN: Author DATE: DATE  
 CHECKED: Checker DATE: DATE  
 APPROVED: Approver DATE: DATE

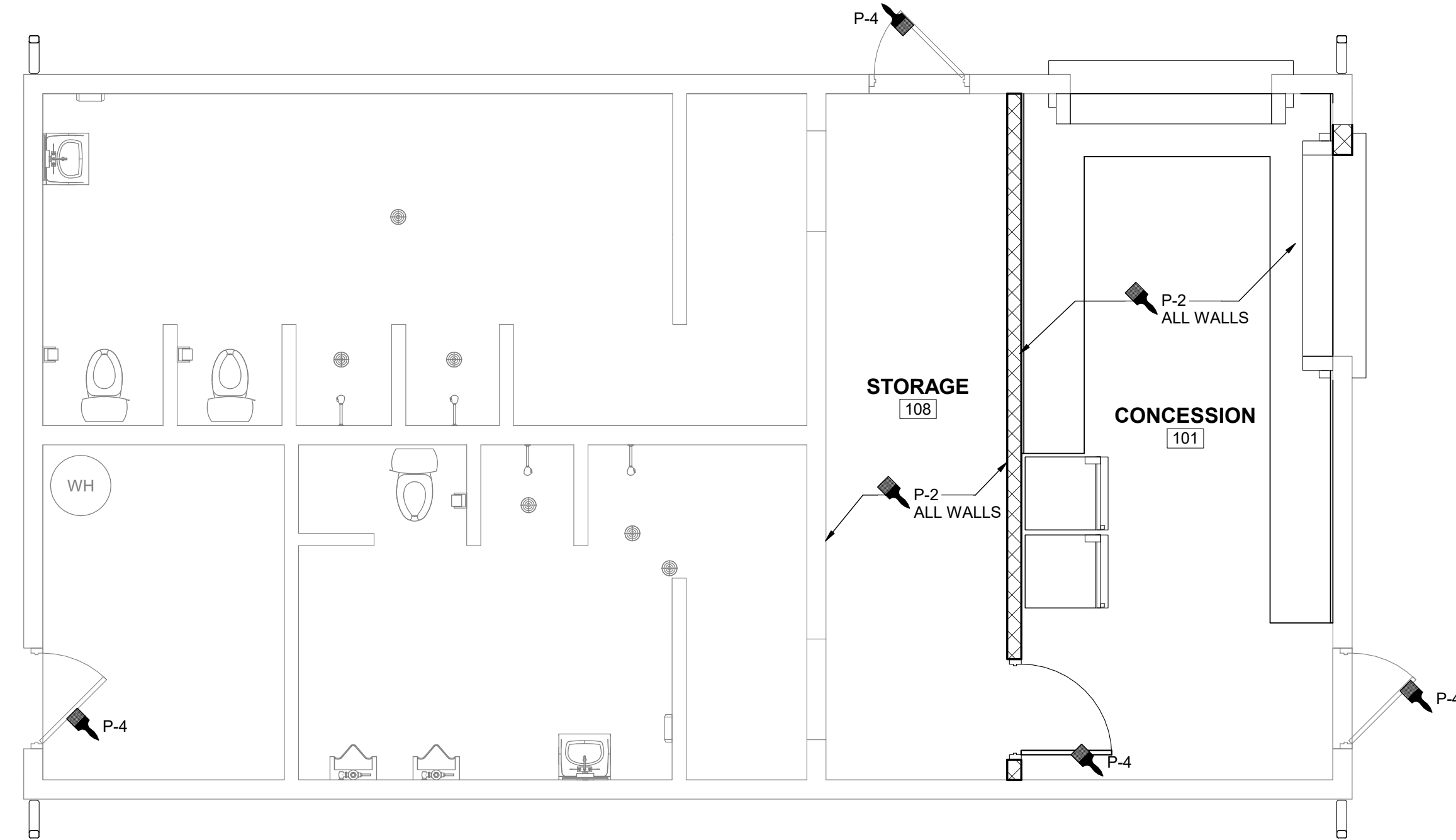
PROJECT No. 060-10283

WALL SECTIONS

SHEET No.

**A3.01R**

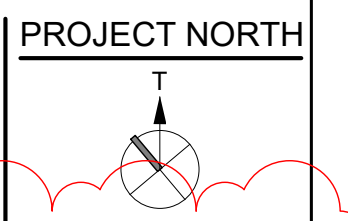
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**1 FIRST FLOOR**  
SCALE: 1/4" = 1'-0"

NO.	BY	DATE	DESCRIPTION
1	DS	06/20/23	ADDENDUM #2

**CITY OF MANNING MUNICIPAL POOL**  
CITY OF MANNING  
200 POOLSIDE DRIVE, MANNING, WV 26582  
MAY 31, 2023  
BIDDING DOCUMENTS



ROOM #	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH				CEILING HEIGHT	CEILING FINISH	REMARKS
				NORTH	EAST	SOUTH	WEST			
101	CONCESSION	CONC.	RB	P-2	P-2	P-2	P-2	8'-0"	P	
108	STORAGE	CONC.	RB	P-2	P-2	P-2	P-2	8'-0"	P	

MARK	LOCATION	MANUFACTURER	PRODUCT LINE	COLOR	SIZE / PATTERN
P-1	Exterior Walls	Sherwin-Williams	To Be Selected by Architect	To Be Selected By Architect	-
P-2	Interior Walls	Sherwin-Williams	To Be Selected by Architect	To Be Selected By Architect	-
P-3	Ceilings/Trim	Sherwin-Williams	To Be Selected by Architect	To Be Selected By Architect	-
P-4	Doors	Sherwin-Williams	To Be Selected by Architect	To Be Selected By Architect	-
T1-11	Ceiling	Sherwin-Williams	To Be Selected by Architect	To Be Selected By Architect	3/4" Thick

DRAWN: Author DATE: DATE  
CHECKED: Checker DATE: DATE  
APPROVED: Approver DATE: DATE

PROJECT No. 060-10283

FINISHED FLOOR PLAN

SHEET No.

**A7.01R**