Addendum

ADDENDUM NO: 2

PROJECT: **2024 SHERIDAN SOFTBALL FIELD CONSTRUCTION**

CONTEXT PROJECT NO: 24-1795 DATE: 5/6/2024 BY: Fred Prazeau

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

PART 1 – BIDDING AND CONTRACT REQUIREMENTS

A. NOTE: **The BID DATE HAS BEEN PUSHED BACK to FRIDAY, MAY 10TH at 10:00am EST.** All other location details remain unchanged. The intent is to perform bid analysis quickly such that a recommendation is still ready for the School Board the following Monday night.

PART 2 – SPECIFICATIONS

A. UNUSED

PART 3 – DRAWINGS

A. **ADD** – Sheet L110 & L111 'Electrical Intent Schematics' for information about electrical priorities for the Project.

B. **ADD** – Sheets L410 & L411 'Irrigation Intent Schematics' for information about electrical priorities for the Project.

PART 4 – QUESTIONS & ANSWERS

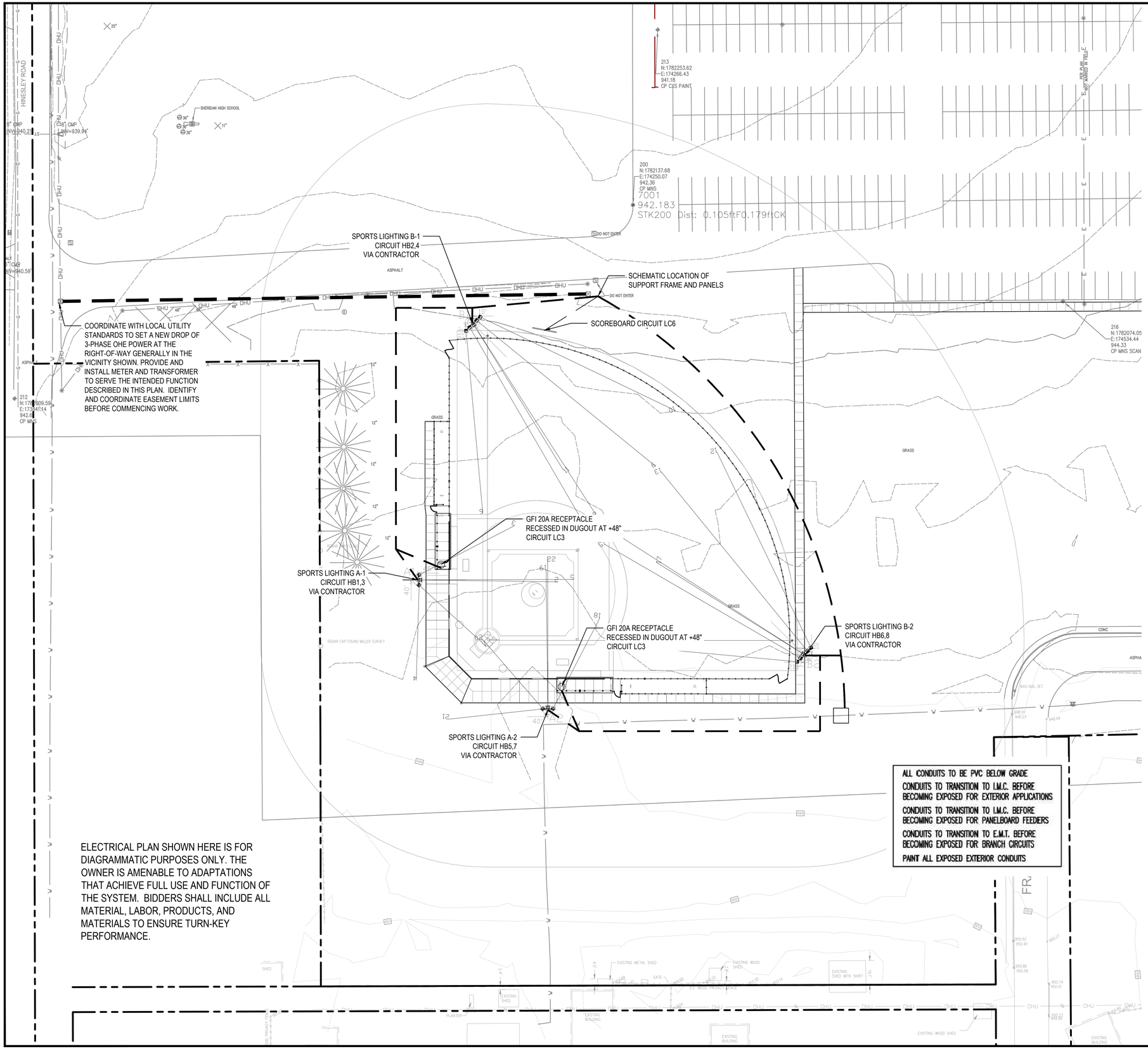
1. **Q: Can you describe the strategy of the "break line" between Alternate Bids 3A & 3B?**

   A: Alternate 3A intends to deliver power to the irrigation system, receptacles within the dugouts, and to establish support frame/distribution panels that can also facilitate future Sports Lighting. Should favorable bids allow the Owner to consider acting on sports lighting, Alternate 3B intends to provide the contactor cabinet, controls, conduit, fixtures, poles, foundations, etc to serve field lighting-specific improvements.

2. **Q: Will there be warning track in the project?**

   A: No warning track is currently anticipated. The Specifications define what materials and methods would be anticipated is the Owner changes their mind during the process. The latest leaning is no warning track.

END OF ADDENDUM 2



ELECTRICAL PLAN SHOWN HERE IS FOR DIAGRAMMATIC PURPOSES ONLY. THE OWNER IS AMENABLE TO ADAPTATIONS THAT ACHIEVE FULL USE AND FUNCTION OF THE SYSTEM. BIDDERS SHALL INCLUDE ALL MATERIAL, LABOR, PRODUCTS, AND MATERIALS TO ENSURE TURN-KEY PERFORMANCE.

North

Scale 1" = 30'-0"

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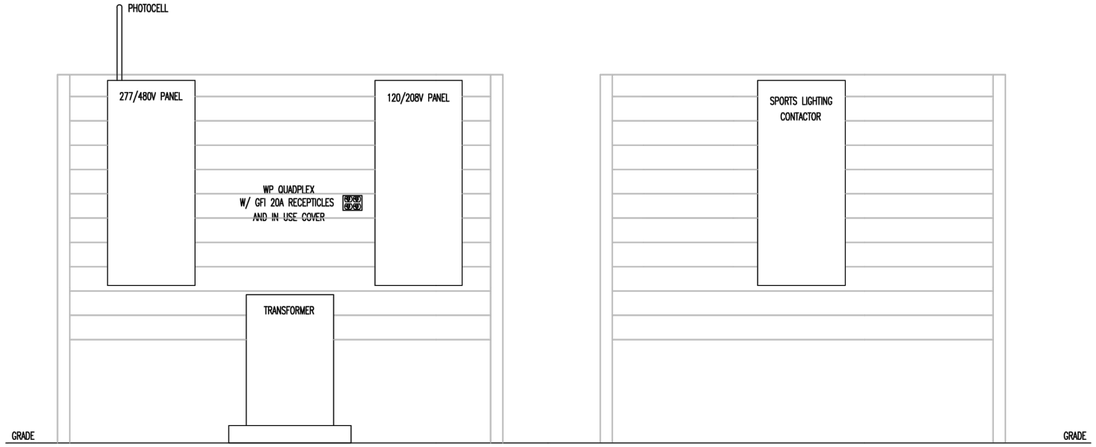
CONSTRUCTION DOCUMENTS FOR
SHERIDAN HIGH SCHOOL SOFTBALL
24185 Hinesley Road, Sheridan, IN 46069

Sheet Title:
ELECTRICAL INTENT SCHEMATICS

Revision	Date	Description
2	2024.05.06	Addendum 2

Date:	04/15/2024
Project No:	24-1795
Drawn by:	AY
Checked by:	FP

Sheet No:
L110



ELECTRICAL FRAMEWORK ELEVATION- FRONT

SCALE: NONE

ELECTRICAL FRAMEWORK ELEVATION- REAR

SCALE: NONE

TRANSFORMER SCHEDULE

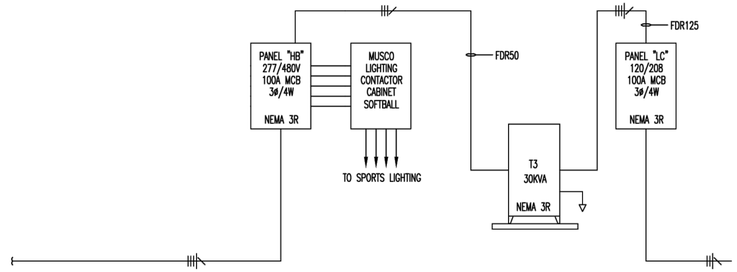
DESIGNATION	LOCATION	KVA	PHASE	VOLTAGE		CONNECTION		MOUNT	TYPE	LOAD SERVED
				PRIMARY	SECONDARY	PRIMARY	SECONDARY			
T3	EXTERIOR	30	3	480	120/208	DELTA	WYE	4" PAD	DRY	PANEL LC

NOTE: ALL WINDINGS TO BE COPPER
NEMA 3R EXTERIOR HOUSING

BRANCH CIRCUIT PANELBOARD SCHEDULE

PANEL			BUSSING					BRANCH CIRCUIT BREAKERS					
DESIGNATION	LOCATION	MTG. F/S	TYPE			AMP SIZE	MAIN TYPE	BREAKER		QUANTITY			REMARKS
			PHASE	WIRE	VOLTAGE			AMP	POLE	CONNECTED	SPARE	SPACE	
LC	EXTERIOR	S	3	4	120/208	100	MCB	20	1	10	6	12	NEMA 3R
								60	2	1			
HB	EXTERIOR	S	3	4	277/480	100	MCB	20	1	–	–	3	NEMA 3R
								20	2	12	–	–	
								50	3	1	–	–	

NOTES:
1. ALL BUSS TO BE COPPER, INCLUDING GROUND BUSS BAR
2. BRANCH CIRCUIT BREAKER A.I.C. RATINGS AS FOLLOWS
   120/208– 22K AIC
   277/480– 14K AIC
   MDP– 50K AIC

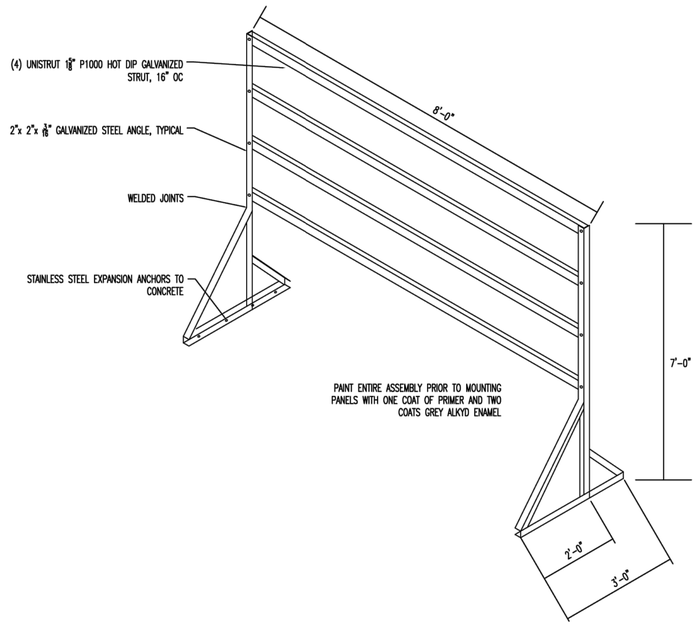


POWER RISER DIAGRAM

NO SCALE

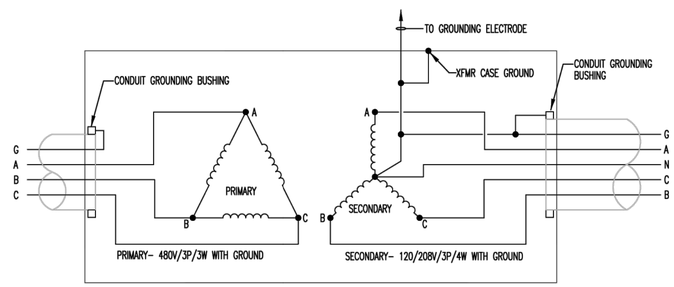
SOFTBALL LIGHTING POLE BASE DETAIL

NO SCALE



NEW SUPPORT FRAME DETAIL

SCALE: NONE



TRANSFORMER CONNECTIONS DETAIL

NO SCALE

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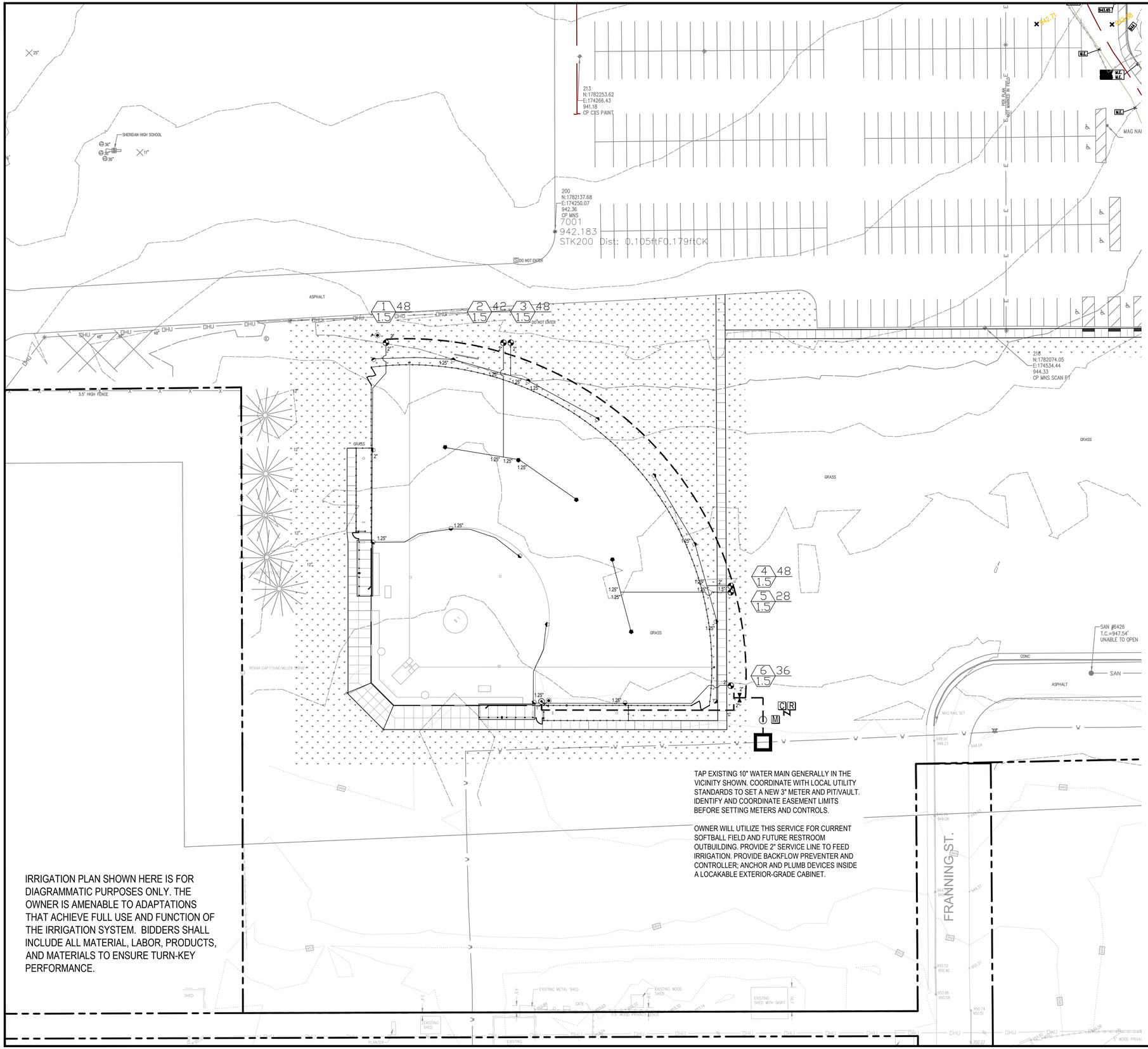
Sheet No:
L111



IRRIGATION PLAN SHOWN HERE IS FOR DIAGRAMMATIC PURPOSES ONLY. THE OWNER IS AMENABLE TO ADAPTATIONS THAT ACHIEVE FULL USE AND FUNCTION OF THE IRRIGATION SYSTEM. BIDDERS SHALL INCLUDE ALL MATERIAL, LABOR, PRODUCTS, AND MATERIALS TO ENSURE TURN-KEY PERFORMANCE.

TAP EXISTING 10" WATER MAIN GENERALLY IN THE VICINITY SHOWN. COORDINATE WITH LOCAL UTILITY STANDARDS TO SET A NEW 3" METER AND PIT/VAULT. IDENTIFY AND COORDINATE EASEMENT LIMITS BEFORE SETTING METERS AND CONTROLS.

OWNER WILL UTILIZE THIS SERVICE FOR CURRENT SOFTBALL FIELD AND FUTURE RESTROOM OUTBUILDING. PROVIDE 2" SERVICE LINE TO FEED IRRIGATION. PROVIDE BACKFLOW PREVENTER AND CONTROLLER; ANCHOR AND PLUMB DEVICES INSIDE A LOCAKABLE EXTERIOR-GRADE CABINET.

LEGEND

	DESCRIPTION	APPROVED MANUFACTURERS
	Sports Turf Rotor	Hunter I-25-04-15 PC✱✱✱✱
	Sports Turf Rotor	Hunter I-25-04-ON-15 FC✱✱✱✱
	Remote Control Valves	Hunter PGV/ICV 101G/151/201 Series Hunter ICD-100/200
C	Controller	Hunter I-CORE
RS	Rain Sensor	Hunter WSS-SEN
	Backflow Preventer	Wilkins 975XL RPZ
M	Meter	3" Meter
	Surge Protector w/ Ground Rod Clamp	Hunter DUAL-S
	Quick Couple Valve	Hunter HQ-5RC
	Isolation Valve	Nibco-Line Size

1" 200 PSI SDR 21 PVC Lateral Pipe
1.25" 160 PSI SDR 26 PVC Lateral Pipe
1.5" 160 PSI SDR 26 PVC Lateral Pipe
2" 160 PSI SDR 26 PVC Lateral Pipe
2.5" 160 PSI SDR 26 PVC Lateral Pipe
3" 160 PSI SDR 26 PVC Lateral Pipe
1" 200 PSI SDR 21 PVC Mainline Pipe
1.25" 200 PSI SDR 21 PVC Mainline Pipe
1.5" 200 PSI SDR 21 PVC Mainline Pipe
2" 200 PSI SDR 21 PVC Mainline Pipe
2.5" 200 PSI SDR 21 PVC Mainline Pipe
3" 200 PSI SDR 21 PVC Mainline Pipe
4" 200 PSI SDR 21 PVC Mainline Pipe

OF ZONE
? ? GPM
? VALVE SIZE

✱✱✱✱ When using the same nozzles in the full & part circle Sports Turf Rotors, run the full circles twice as long as the part circles.

GENERAL IRRIGATION NOTES:

1. This irrigation design is diagrammatic. Actual layout of piping, sprinkler heads, valves, controllers and related equipment shall be determined on site. Minor field adjustments shall be made at no additional cost to the Owner.
2. It is the responsibility of the irrigation contractor to be familiar with all grades difference, locations of walls, structures and utilities and make the necessary adjustments to accommodate the irrigation system as designed. Do not willfully install the irrigation system as shown on the drawings when it is obvious in the field that unknown obstructions, grades or dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the Owner's authorized representative. In the event that this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions and cost necessary.
3. The irrigation system design is based on running irrigation zones at a minimum operating pressure of 70psi @ the point of connection (p.o.c.) and a maximum flow demand of 60gpm after the backflow (not including the baseball field).
   The irrigation contractor shall verify water pressures prior to construction. Report differences between requirements and actual readings to the Owner's authorized representative. A booster pump may be necessary if the required pressure is not available. Additional costs shall be submitted to the Owner as a change order.
   The point of connection location is approximate. Verify exact location in the field with the Owner's representative.
   The flow demand for individual mainlines shall not exceed the following guidelines.
   1" Class 200=0-17gpm
   1.25" Class 200=18-28gpm
   1.5" Class 200=29-35gpm
   2" Class 200=36-55gpm
   2.5" Class 200=56-80gpm
   3" Class 200=81-120gpm
   4" Class 200=151-200gpm
4. The Owner shall provide 120V-AC power source at the controller location. The irrigation contractor shall make the final connection from the electrical source to the controller.
5. A Rain Sensor shall be installed in the vicinity of the controller. Coordinate mounting location with the Owner.
6. Install all backflow prevention devices and all piping between the point of connection and the backflow preventer as per local codes.
7. Final location of the backflow preventer and the automatic controller shall be approved by the Owner's representative per local codes.
8. A quick coupling valve shall be located at the irrigation water supply point of connection to provide for a point of injection of compressed air to purge the system of retained water for winterization.
9. Pipe size shall conform to those shown on drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions for larger sizes may be approved. Minimum pipe shall be 1".
10. All pipe and communication wire under hard surfaces shall be placed in separate sleeving. All wire shall run, whenever possible with the mainline.
11. All lateral zones shall be connected to the mainline with PVC pipe and sized as follows:
    1" Class 200=0-17gpm
    1.25" Class 160=18-28gpm
    1.5" Class 160=29-35gpm
    2" Class 160=36-55gpm
12. All sprinkler heads shall be set perpendicular and flush to finish grade and with a clearance of 2" (min.) from the edge of any hardscape unless otherwise specified.
13. Check valves shall be installed on all irrigation heads in areas where finish grade exceeds 4:1, where post valve shutoff draining of the irrigation head occurs or as directed by the Owner's representative.
14. All sprinkler heads and valves shall be flushed and adjusted for optimum coverage with minimum over spray on hardscapes or buildings.
15. All irrigation equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
16. Refer to the specifications for additional detailed information.

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North
0 15 30 60
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IRRIGATION INTENT SCHEMATICS

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2	2024.05.06	Addendum 2

Date:	04/15/2024
Project No:	24-1795
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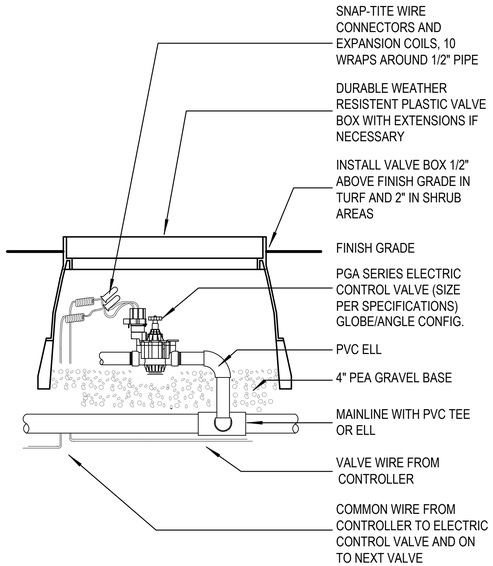
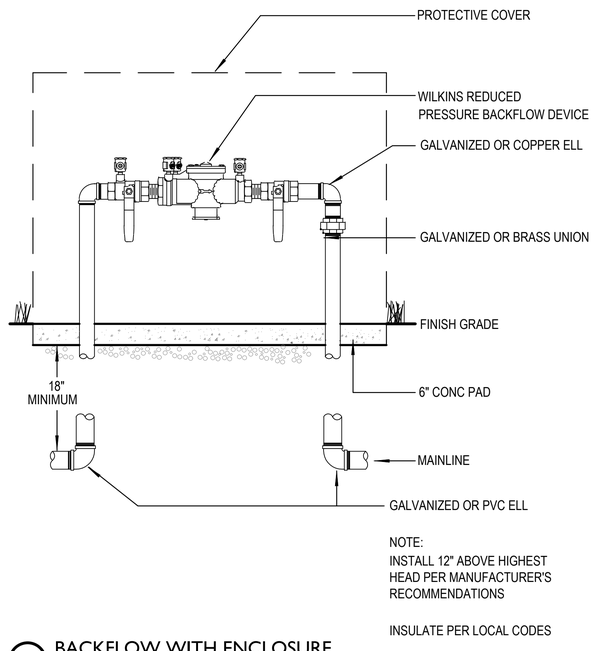
Sheet No:
L410



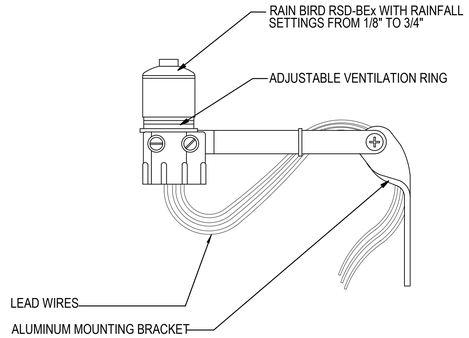
8 PGA-PRS-DIAL CONTROL VALVE

Scale: 1" = 1'-0"



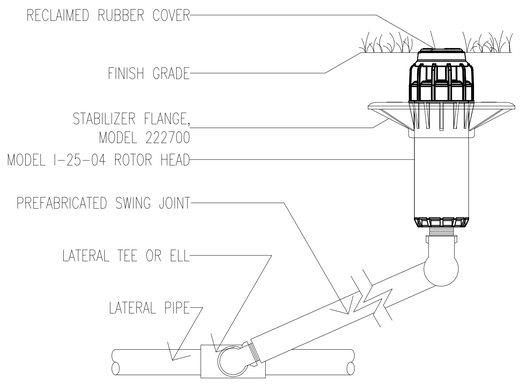
7 BACKFLOW WITH ENCLOSURE

Scale: 1" = 1'-0"



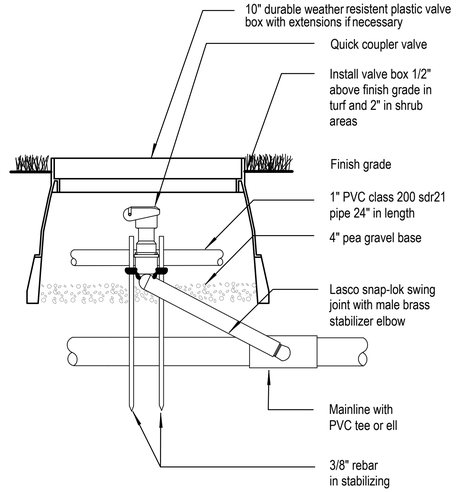
6 RAIN SENSOR RSD-BEx

Scale: 1" = 1'-0"



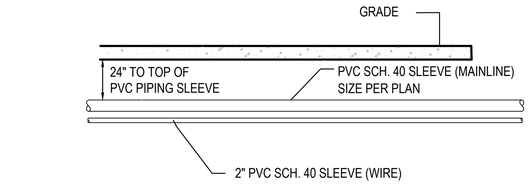
5 I--25 ROTOR HEAD

Not to Scale



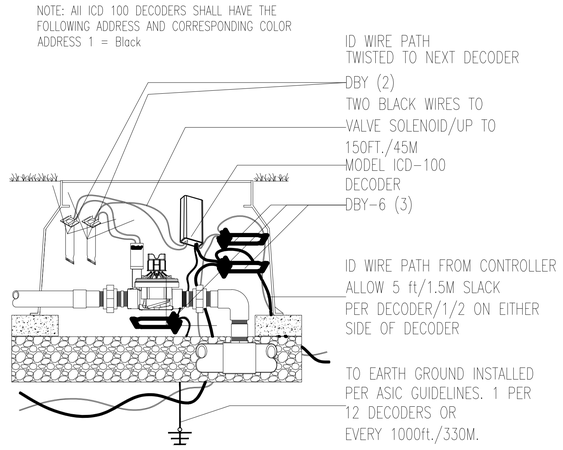
4 QUICK COUPLER VALVE

Scale: 1" = 1'-0"



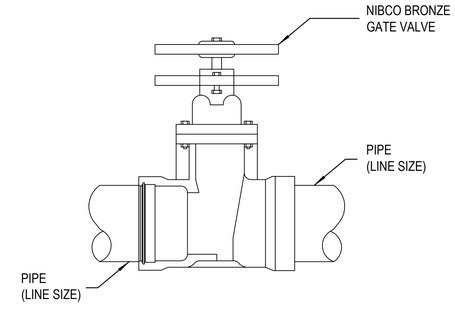
3 SLEEVE DETAIL

Scale: 1" = 1'-0"



2 ICD DECODER

Not to Scale



1 ISOLATION VALVE

Not to Scale

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2

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L411