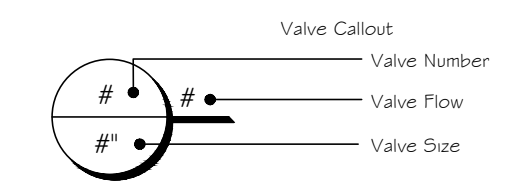


IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM
T	Hunter MP Corner PRO5-06-PR530-CV T	23	Adj	30	
L	Hunter MP Strp PRO5-06-PR530-CV LST	14	LCS	30	0.19
R	Hunter MP Strp PRO5-06-PR530-CV RST	15	RCS	30	0.19
S	Hunter MP Strp PRO5-06-PR530-CV SST	64	SST	30	0.38
L	Hunter MF1000 PRO5-06-PR530-CV L	1	210-270	30	
M	Hunter MF1000 PRO5-06-PR530-CV M	183	90-210	30	
G	Hunter MP2000 PRO5-06-PR530-CV G	2	210-270	30	
K	Hunter MP2000 PRO5-06-PR530-CV K	57	90-210	30	
R	Hunter MP2000 PRO5-06-PR530-CV R	1	360	30	1.28
A	Hunter MP3000 PRO5-06-PR530-CV A	12	360	30	3.15
B	Hunter MP3000 PRO5-06-PR530-CV B	41	90-210	30	
Y	Hunter MP3000 PRO5-06-PR530-CV Y	1	210-270	30	
LB	Hunter MP3500 PRO5-06-PR530-CV LB	37	90-210	30	
T	Hunter MP Corner PRO5-12-PR530-CV T	8	Adj	30	
L	Hunter MP Strp PRO5-12-PR530-CV LST	51	LCS	30	0.19
R	Hunter MP Strp PRO5-12-PR530-CV RST	49	RCS	30	0.19
S	Hunter MP Strp PRO5-12-PR530-CV SST	116	SST	30	0.38
L	Hunter MF1000 PRO5-12-PR530-CV L	4	210-270	30	
M	Hunter MF1000 PRO5-12-PR530-CV M	270	90-210	30	
O	Hunter MF1000 PRO5-12-PR530-CV O	1	360	30	0.69
K	Hunter MP2000 PRO5-12-PR530-CV K	48	90-210	30	
B	Hunter MP3000 PRO5-12-PR530-CV B	15	90-210	30	
Δ	Each symbol denotes two (2) Hunter PRO5-04-PCN 50	10	360	30	1
□	Each symbol denotes two (2) Hunter PRO5-04-PCN 25	175	360	30	0.5
SYMBOL	MANUFACTURER/MODEL	QTY			
⊕	Rain Bird PGA Globe Remote Control Valve	18			
⊗	AVK Gate Valve #GG with poly ends	2			
⊕	Rain Bird ESFLXME2 Wall Mount Controller w/ (1) ESFLXMSM12	1			
⊕	Hunter RFC Rain/Freeze Sensor	1			
⊕	Point of Connection: 8" existing HDPE mainline	1			
—	Irrigation Lateral Line: HDPE PE4710 DR 11 with fusion weld fittings, size per plan	16,861 l.f.			
—	Irrigation Mainline: HDPE PE4710 DR 11 with fusion weld fittings, size per plan	1,049 l.f.			
---	Pipe Sleeve: Class 200 PVC with solvent weld Schedule 40 PVC fittings, size per plan	1,360 l.f.			

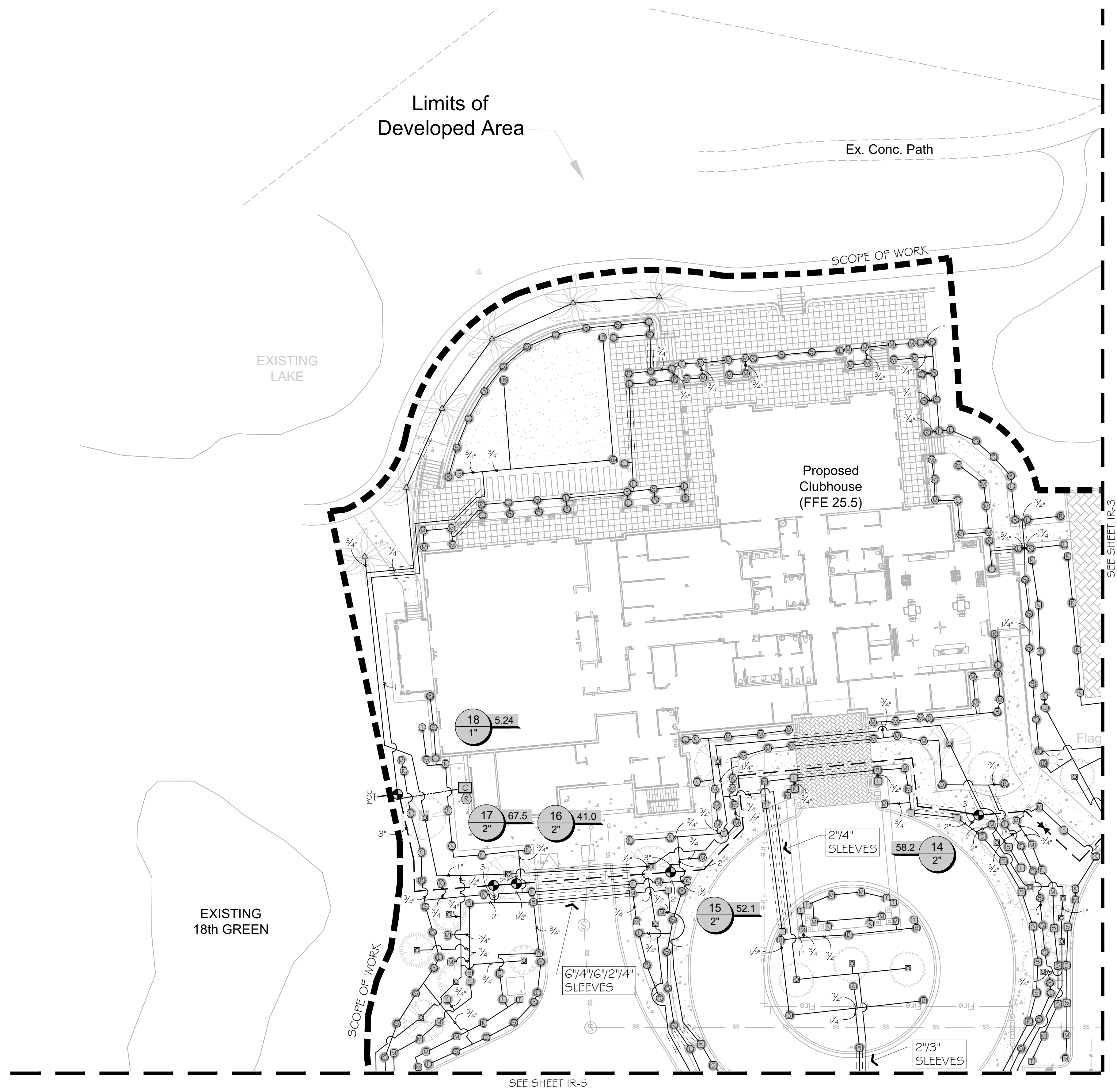


IRRIGATION SPECIFICATIONS

- IRRIGATION DESIGN BASED ON THE LANDSCAPE PLAN BY LUCIDO & ASSOCIATES DATED 11/20/2023.
- SYSTEM IS DESIGNED TO PROVIDE COMPLETE COVERAGE TO ALL IRRIGATED AREAS AND HAS BEEN DESIGNED TO MEET OR EXCEED THE FLORIDA BUILDING CODE, APPENDIX F.
- STATE AND/OR LOCAL CODES SHALL BE FOLLOWED IN THE EVENT ANY INCONSISTENCIES EXIST BETWEEN PLANS AND SAID CODES. MOST STRINGENT CODE SHALL PREVAIL.
- ALL IRRIGATION EQUIPMENT AND PIPING SHALL BE INSTALLED AND TESTED ACCORDING TO MANUFACTURER RECOMMENDATIONS.
- OWNER OR IRRIGATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
- THE POINT OF CONNECTION IS AN EXISTING 8" HDPE MAINLINE. SYSTEM HAS BEEN DESIGNED BASED UPON THE POINT OF CONNECTION PROVIDING A MINIMUM OF 70 GPM AT 50 PSI DOWNSTREAM OF THE TAP. STATIC PRESSURE IN EXCESS OF 25 PSI ABOVE THE DESIGN PRESSURE SHALL REQUIRE PRESSURE REGULATION. CONTRACTOR TO VERIFY PRESSURE AND FLOW PRIOR TO INSTALLATION. IF PRESSURE AND FLOW CANNOT BE ACHIEVED, NOTIFY LANDSCAPE ARCHITECT OR DESIGNER. CONTRACTOR PROCEEDS AT THEIR OWN RISK IF MINIMUM CONDITIONS CANNOT BE MET.
- CHANGES FROM ORIGINAL PLAN MUST NOT DIMINISH OPERATIONAL INTEGRITY OF SYSTEM OR VIOLATE ANY CODE REQUIREMENTS. INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR SAID CHANGES.
- MAINLINE UP TO 2" SHALL BE COVERED WITH A MINIMUM OF 18" OF SELECT BACKFILL FROM TOP OF PIPE TO FINISHED GRADE AND 24" UNDER VEHICULAR CROSSINGS. MAINLINE 2-1/2" AND ABOVE SHALL BE COVERED WITH A MINIMUM OF 24" OF SELECT BACKFILL FROM TOP OF PIPE TO FINISHED GRADE AND 36" UNDER VEHICULAR CROSSINGS.
- MAINLINE TESTING IS REQUIRED FOR MAINLINES AS SPECIFIED BELOW:
 HDPE PIPE: THE HDPE PIPE SHALL BE FILLED WITH WATER USING A HYDROSTATIC PUMP, RAISED TO 1.5 TIMES THE OPERATING PRESSURE AT THE LOWEST POINT IN THE SYSTEM AND ALLOWED TO STABILIZE. THE PIPE SHALL PASS IF THE FINAL PRESSURE IS WITHIN 5% OF THE TEST PRESSURE FOR 1 HOUR.
- LATERAL LINES SHALL BE COVERED WITH A MINIMUM OF 12" OF SELECT BACKFILL FROM TOP OF PIPE TO FINISHED GRADE AND 18" UNDER VEHICULAR CROSSINGS.
- HAND TRENCH WITHIN AREAS OF EXISTING TREES.

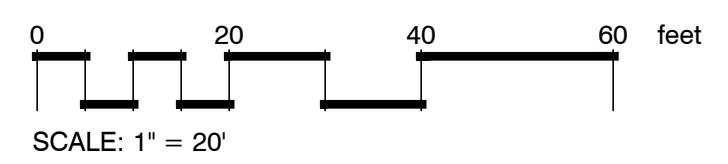
- WIRE SHALL BE U.L. LISTED, SUITABLE FOR DIRECT BURY, SIZED PER PLANS, AND SHALL BE INSTALLED AT MAINLINE DEPTH. WIRE CONNECTORS SHALL BE 3M DBYR AND SPLICES SHALL BE INSTALLED A MINIMUM OF 6" ROUND VALVE BOX.
- SPARE WIRES SHALL BE PROVIDED PER THE BELOW AND EXTENDED TO FURTHEST VALVES IN ALL DIRECTIONS WHERE APPLICABLE:
 - 1 TO 6 ZONES: PROVIDE 2 SPARE ZONE WIRES
 - 7 TO 12 ZONES: PROVIDE 1 SPARE COMMON WIRE (WHITE) AND 2 SPARE ZONE WIRES (YELLOW)
 - 13 TO 24 ZONES: PROVIDE 1 SPARE COMMON WIRE (WHITE) AND 4 SPARE ZONE WIRES (YELLOW)
 - 25 TO 36 ZONES: PROVIDE 1 SPARE COMMON WIRE (WHITE) AND 6 SPARE ZONE WIRES (YELLOW)
 - 37 AND UP ZONES: PROVIDE 1 SPARE COMMON WIRE (WHITE) AND 8 SPARE ZONE WIRES (YELLOW)
- SLEEVES UNDER VEHICULAR DRIVES ARE SHOWN AND SIZED. SIDEWALK SLEEVES SHALL BE TWO TIMES LARGER THAN THE IRRIGATION PIPE IT CARRIES AND NEVER SMALLER THAN 2". SLEEVE DEPTH SHALL BE DETERMINED BY IRRIGATION PIPE DEPTH.
- CONTROLLER SHALL BE INSTALLED AND GROUNDED PER MANUFACTURER'S RECOMMENDATIONS. POWER TO CONTROLLER SHALL BE INSTALLED AS REQUIRED BY NATIONAL ELECTRIC CODE.
- PROGRAM CONTROLLER TO PROVIDE UNDER A TEN HOUR WATERING WINDOW WHILE NOT EXCEEDING FLOWS THAT WILL HINDER HYDRAULICS THROUGH MAINLINE PIPING.
- ALL WALL PENETRATIONS SHOULD BE WATERPROOFED.
- HEADS SHALL BE CONNECTED TO THE LATERAL LINE USING SWING JOINTS SIZED PER SPRAY BODY OR ROTOR INLET. ALL HEADS SHALL BE INSTALLED A MINIMUM OF 4" FROM IMPERVIOUS SURFACES AND A MINIMUM OF 12" FROM BUILDING FOUNDATIONS. OVERSPRAY ONTO HARDSCAPE AND NON-IRRIGATED AREAS SHOULD BE MINIMIZED.
- CONTRACTOR SHALL INSTALL RISERS ON SHRUB HEADS WHERE COVERAGE CAN BE IMPROVED; NO RISERS PERMITTED ALONG SIDEWALKS, DRIVES, OR IN AREAS WHERE THEY POSE A SAFETY ISSUE.





SEE SHEET IR-5

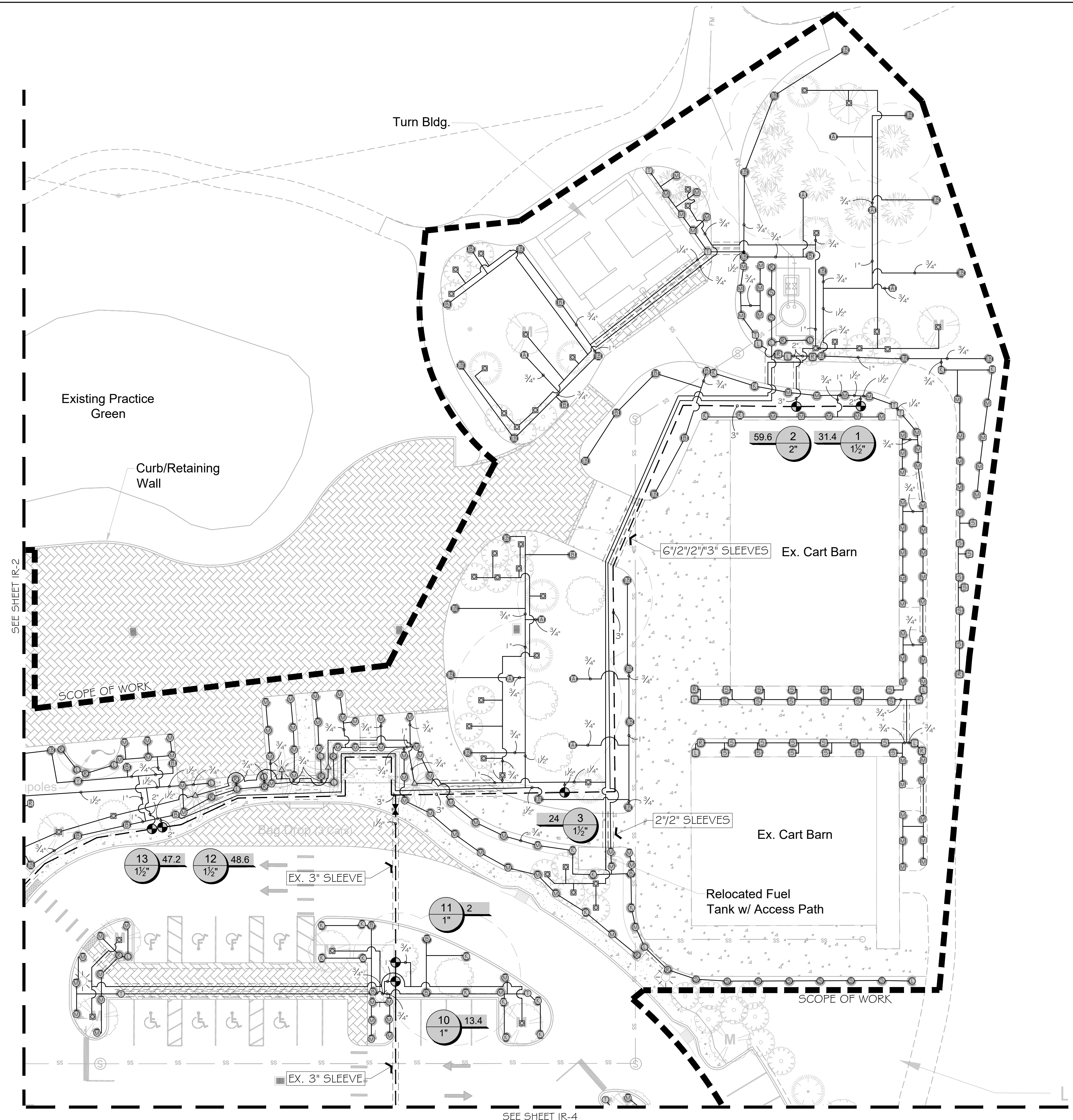
SEE SHEET IR-3



PIPING AND VALVE LOCATIONS ARE GRAPHIC AND MUST BE INSTALLED WITHIN PROPERTY LINES AND WITHIN A PVIOUS/LANDSCAPED AREA WHERE POSSIBLE.



811 KNOW WHAT'S BELOW
 ALWAYS CALL 811
 BEFORE YOU DIG
 It's fast, it's free, it's the law.
 Call 811 two business days
 before digging.



SEE SHEET IR-2

SCOPE OF WORK

poles

EX. 3" SLEEVE

6\"/>

2\"/>

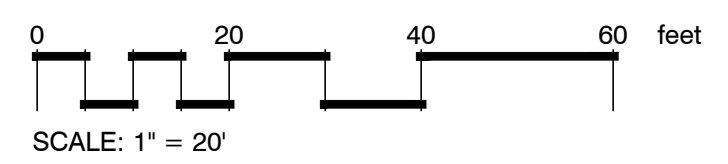
Ex. Cart Barn

Relocated Fuel Tank w/ Access Path

SCOPE OF WORK

EX. 3" SLEEVE

SEE SHEET IR-4



PIPING AND VALVE LOCATIONS ARE GRAPHIC AND MUST BE INSTALLED WITHIN PROPERTY LINES AND WITHIN A PERVIOUS/LANDSCAPED AREA WHERE POSSIBLE.



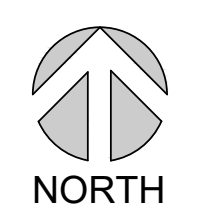
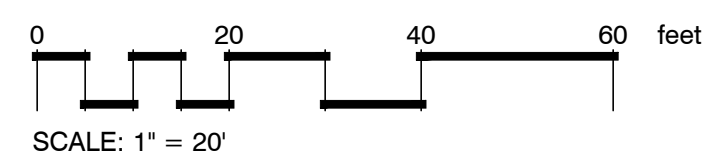
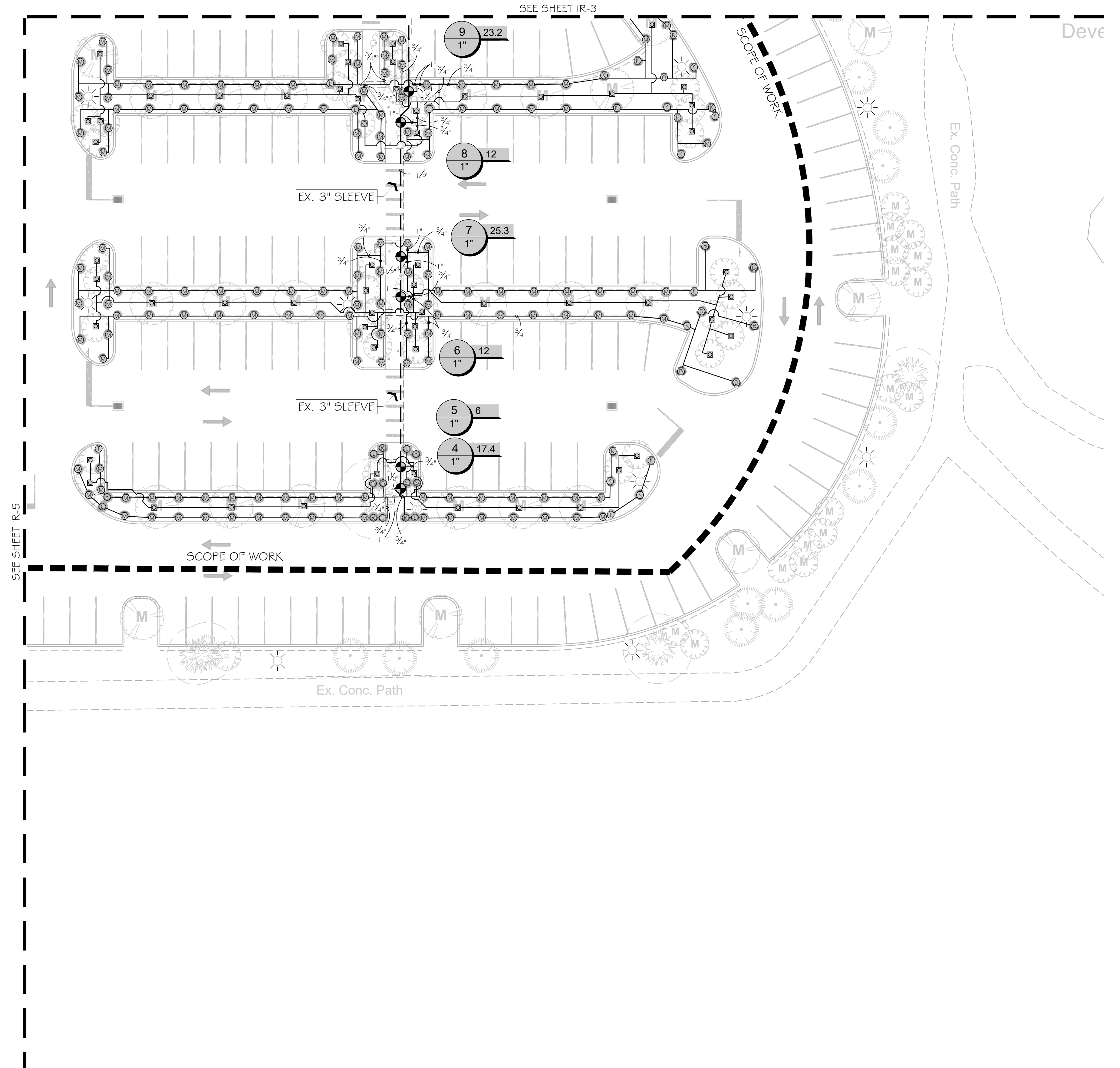
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SANDRIDGE GOLF & COUNTRY CLUB
 CLUBHOUSE IMPROVEMENTS
 INDIAN RIVER COUNTY, FL



IRRIGATION PLAN

SCALE: 1" = 20'-0"
 DATE: 01-25-2024
 REVISIONS:



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SEE SHEET IR-5

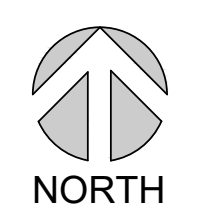
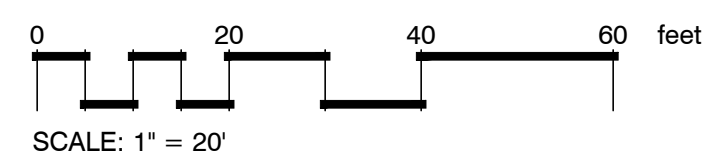
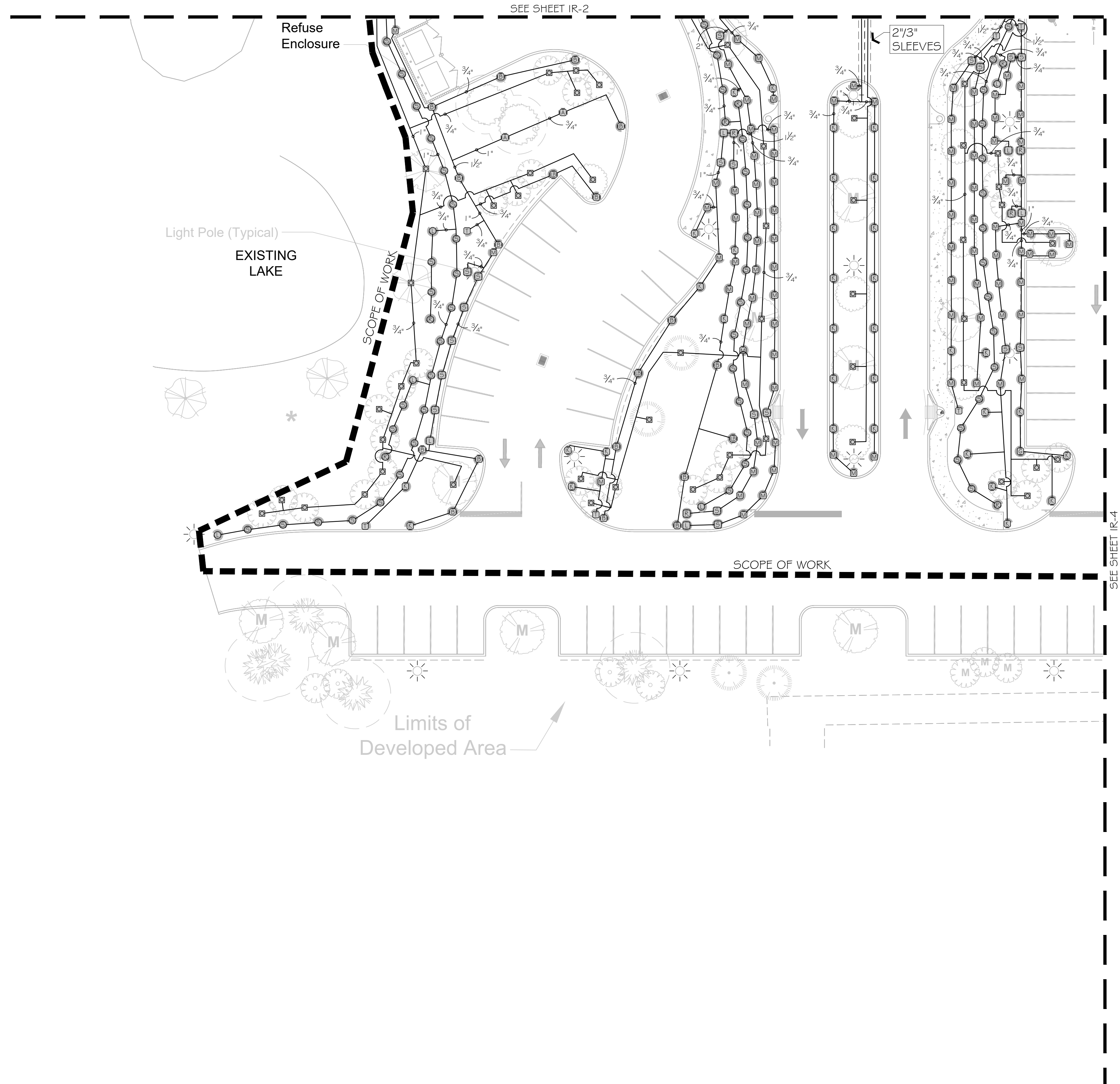
SEE SHEET IR-3

SANDRIDGE GOLF & COUNTRY CLUB
 CLUBHOUSE IMPROVEMENTS
 INDIAN RIVER COUNTY, FL



IRRIGATION PLAN

SCALE: 1" = 20'-0"
 DATE: 01-25-2024
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