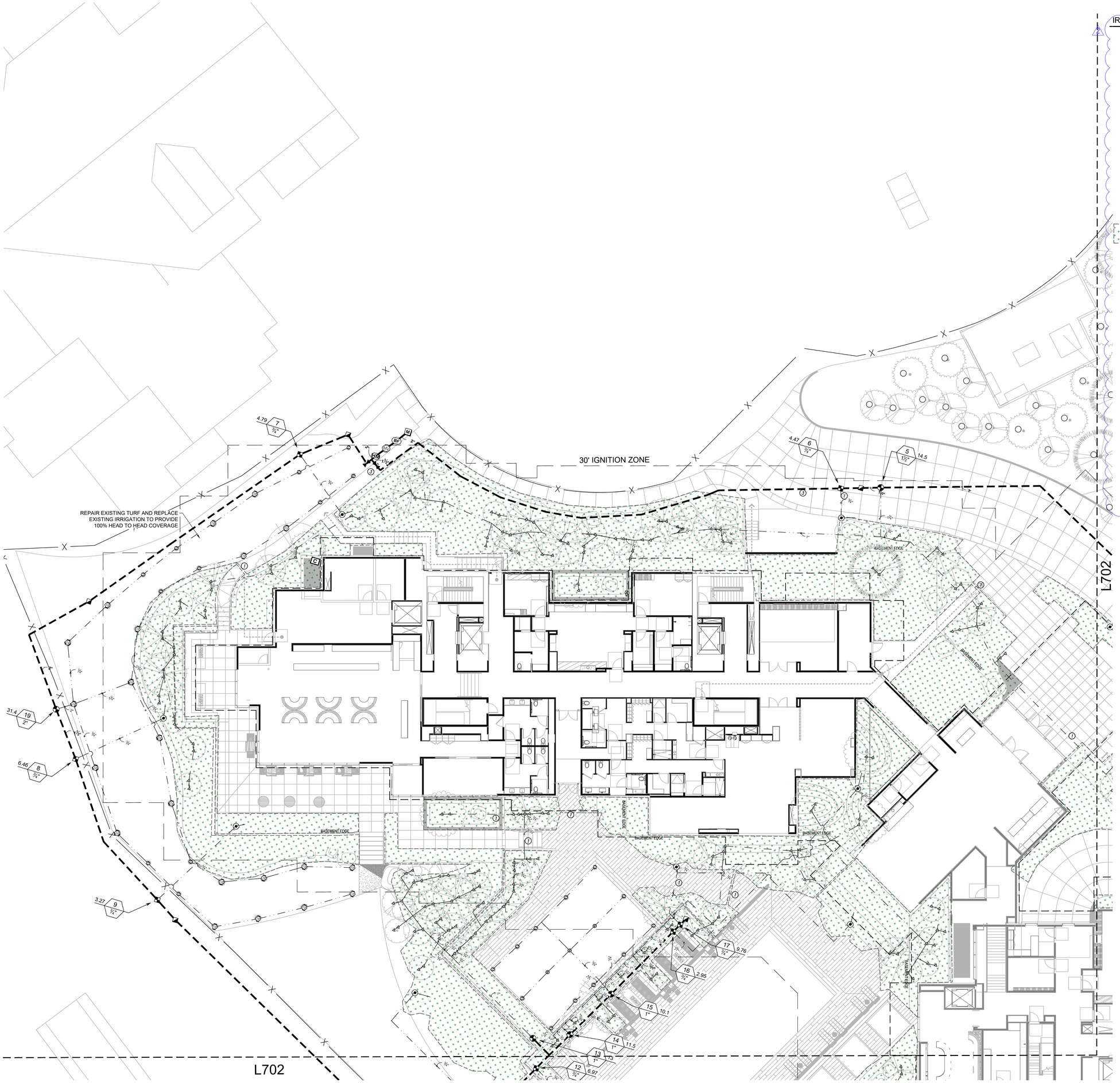


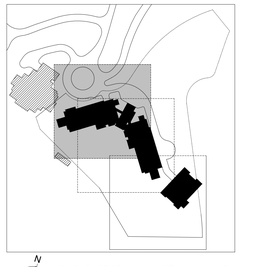
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
14 ADJ 14 F	RAIN BIRD R-VAN14 RD-04-SAM-P45-NP TURF ROTARY, 8'-14' 45-270 DEGREES AND 360 DEGREES HAND ADJUSTABLE
18 ADJ 18 F	RAIN BIRD R-VAN18 RD-04-SAM-P45-NP TURF ROTARY, 13'-18' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE
24 ADJ 24 F	RAIN BIRD R-VAN24 RD-04-SAM-P45-NP TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE
1401 1402	RAIN BIRD RWS-M-B-C-P W/ RWS-SOCK 1401 MINI ROOT WATERING SYSTEM WITH 4" DIAMETER X 18" LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE AND RAIN BIRD 1401 0.25 GPM GPM BUBBLER AS INDICATED. WITH CHECK VALVE, PURPLE GRATE, AND SAND SOCK FOR SANDY SOIL.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL DRIP VALVE RAINBIRD 100DV NPT W/ 30PSI PRESSURE REGULATOR AND 30 MESH WYE STRAINER
	PVC TO POLY TUBING PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING
A	RAIN BIRD ARV050 1/2" AIR RELIEF VALVE, MADE OF QUALITY RUST-PROOF MATERIALS, WITH A 6" DRIP VALVE BOX (SEB 7XB EMITTER BOX). USE WITH INSTALLATION BELOW SOIL. INSTALL AT HIGH POINTS IN DRIP LINE SYSTEM
	TREE DIAPER TREE DIAPER TD48R, ROUND SHAPE, MODEL # 1048VA
	AREA TO RECEIVE DRIP EMITTERS BOWSMITH SB SERIES SINGLE OUTLET DRIP EMITTER, BARBED INLET AND OUTLET, GREEN=0.6GPH. Emitter Notes: SB-06 0.6gph emitters (2 assigned to each 1 Gal plant) SB-06 0.6gph emitters (2 assigned to each 5 Gal plant)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD PESB-PRS-D 1" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATING MODULE, AND SCRUBBER TECHNOLOGY FOR RELIABLE PERFORMANCE IN DIRTY WATER IRRIGATION APPLICATIONS.
	RAIN BIRD 44-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
M	RAIN BIRD EFB-CP 1" 1", 1-1/4", 1-1/2", 2" BRASS MASTER VALVE, THAT IS CONTAMINATION PROOF W/SELF-FLUSHING FILTER SCREEN. GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE, AND PURPLE HANDLE COVER DESIGNATES NON-POTABLE WATER USE.
BF	ZURN WILKINS 375XLB 1" REDUCED PRESSURE PRINCIPLE ASSEMBLY. SIZE PER PLAN SEE ARCHITECTURE MECHANICAL PLANS FOR FINAL LOCATION AND DETAILS
C	HYDRO POINT WEATHER TRACK LC+ 18 STATION 2WIRE INSTALL CONTROLLER IN UTILITY ROOM SEE ARCHITECTURE PLANS FOR LOCATION
HM	HYDRO POINT WTFLOWHD-I-200 2" IRON, HIGH-DEFINITION FLOW SENSOR AND SUB-METER FOR 2" MAINLINES. INSTALL ON DOWNSTREAM SIDE OF BACKFLOW PREVENTER ABOVE GRADE PER DETAIL
M 2"	POINT OF CONNECTION 3" WATER METER FOR IRRIGATION SEE CIVIL PLANS
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size



N 0 4' 8' 12' 16' 32' 48'

1"=10'

DISCLAIMER:

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ENVIRONMENTAL PLANNING GROUP GROUP (EPG) PROVIDED QUANTITIES ARE CALCULATED BASED ON THE 3D MODEL PROGRESS. CONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE DESIGN AND PROVIDING THEIR OWN CALCULATIONS AND AREAS FOR THE PURPOSES OF COST ESTIMATING / BIDDING.

THE CLIENT, AND/OR THE CLIENT'S CONTRACTOR, IS RESPONSIBLE FOR ATTAINING OR PROVIDING THE NECESSARY CONSTRUCTION PERMIT FOR CITY CODE COMPLIANCE.

8/2/2024

Reserved for permit stamp

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date June 10, 2024

revisions:
1 IFC 2 5/17/2024
2 WUI Updates 7/29/2024

no.	date	by

PERMIT SET
IFC SET 2 OF 3

June 10, 2024

IRRIGATION PLAN

L701