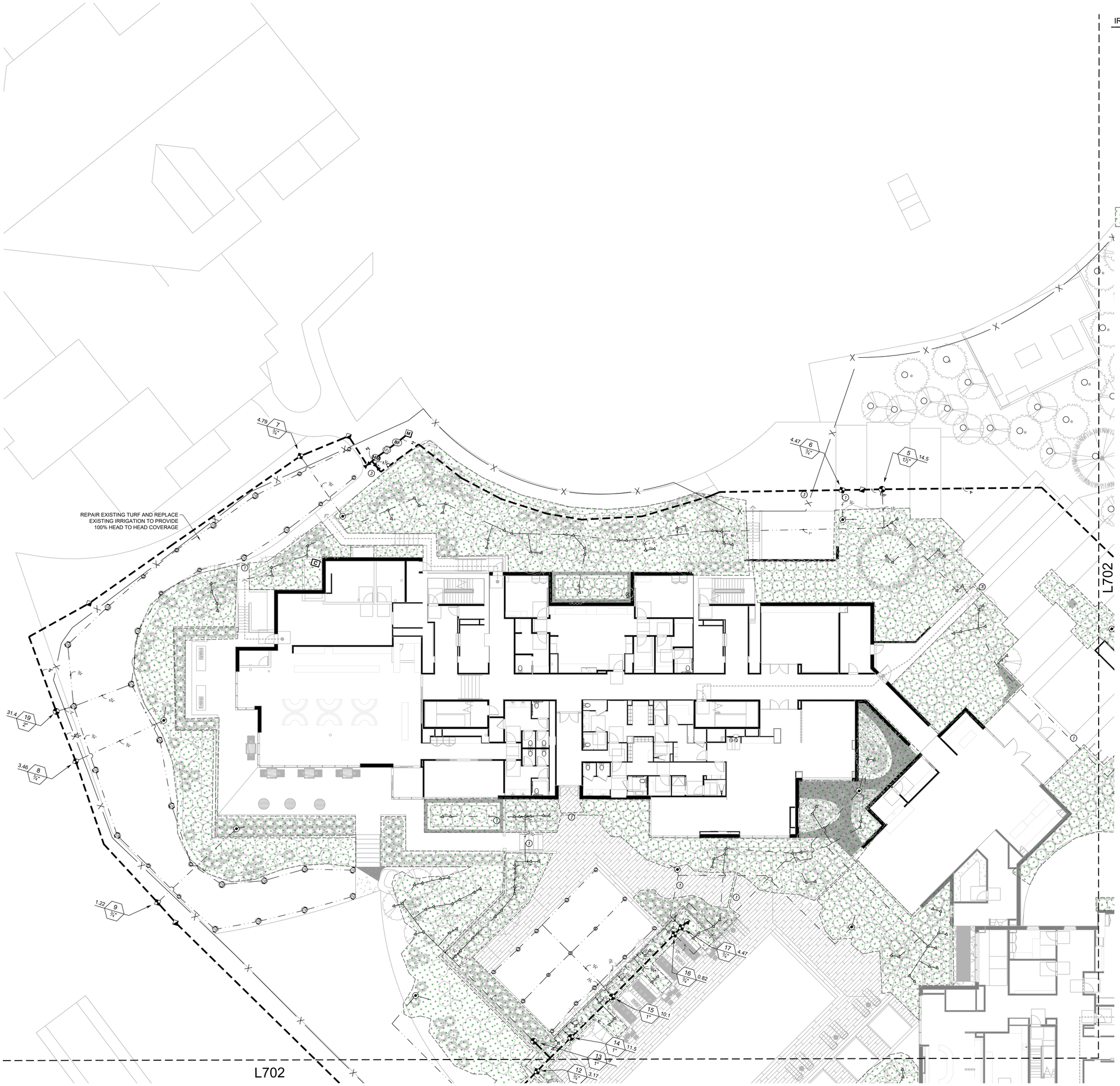


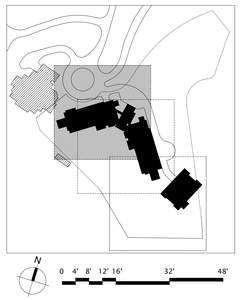
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
14 ADJ 14 FT	RAIN BIRD R-VAN14 RD-04-SAM-P45-NP TURF ROTARY, 8'-14' 45-270 DEGREES AND 360 DEGREES HAND ADJUSTABLE
18 ADJ 18 FT	RAIN BIRD R-VAN18 RD-04-SAM-P45-NP TURF ROTARY, 13'-18' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE
24 ADJ 24 FT	RAIN BIRD R-VAN24 RD-04-SAM-P45-NP TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE
1401 FRSS	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
	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
	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.
	LEEMCO STAINLESS STEEL GATE VALVE LGT SIZE PER LINE SS, CLASS 125 304 STAINLESS STEEL.
MV	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 2" WITH LOCKING STEEL CAGE AND 4" CONCRETE HOUSE KEEPING PAD. COORDINATE EXACT PLACEMENT WITH OWNER
C	HYDRO POINT WEATHER TRACK LC+ 18 STATION 2WIRE HIGH-IMPACT PLASTIC NEMA 3R RATED, KEY-LOCK ENTRY, WALL MOUNT ENCLOSURE. INCLUDES METAL MOUNTING PLATE WITH BUILT-IN BUBBLE LEVEL.
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



1"=10'

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principal architect David Harris
project manager Grant Hardy
drawn by Grant Hardy
checked by Checker
job no. 20052
date November 18, 2022

revisions:

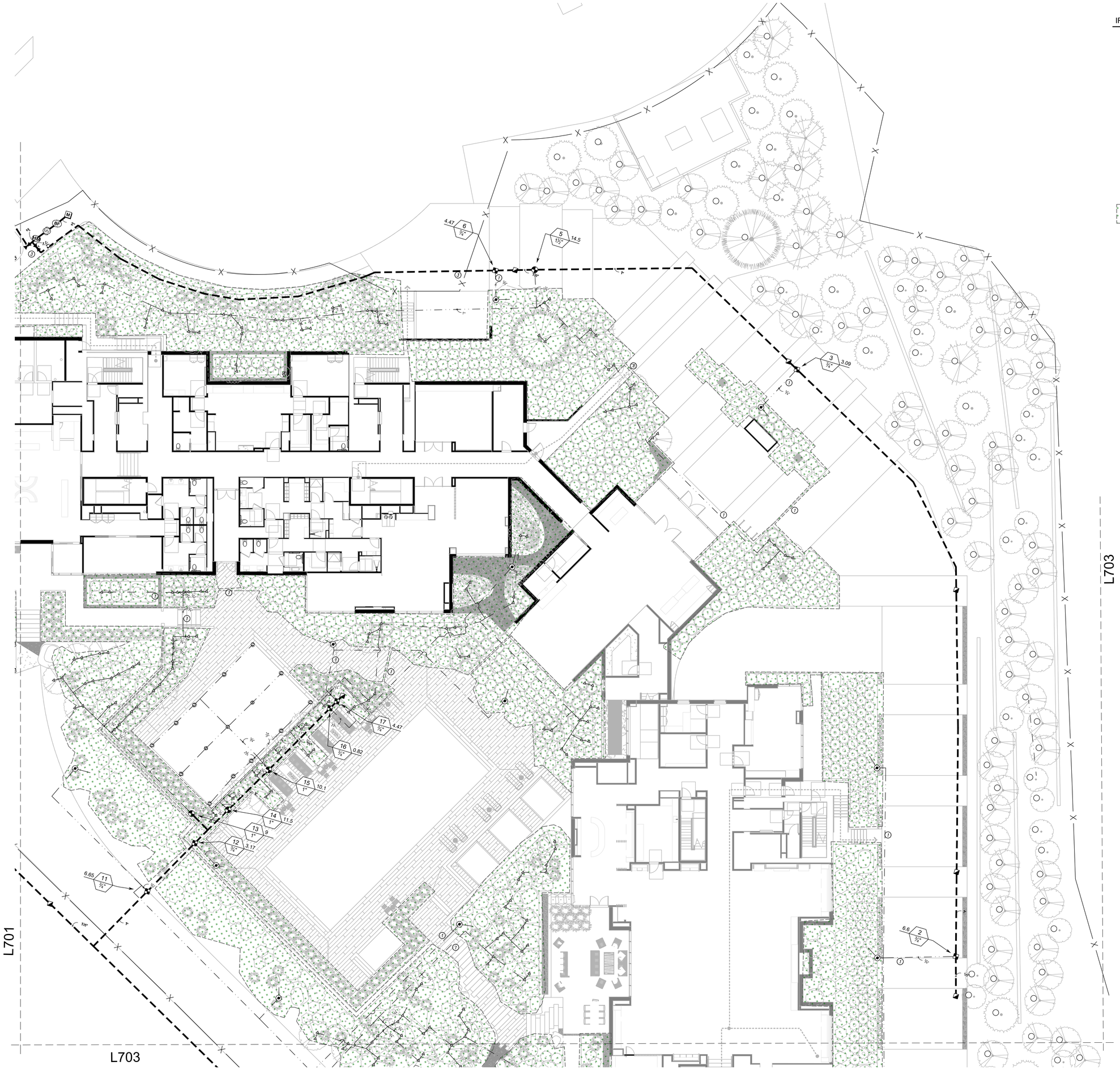
no.	date	by

PERMIT SET

NOVEMBER 18, 2022

IRRIGATION PLAN

L701



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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24 ADJ 24 FT	RAIN BIRD R-VAN24 RD-04-SAM-P45-NP TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE
1401 FRSS	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
	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
	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.
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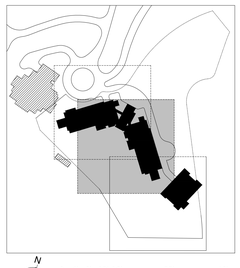
M #21	POINT OF CONNECTION 3" WATER METER FOR IRRIGATION SEE CIVIL PLANS
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size



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principal architect David Harris
project manager Grant Hardy
drawn by Grant Hardy
checked by Checker
job no. 20052
date November 18, 2022

revisions:

no.	date	by

PERMIT SET

NOVEMBER 18, 2022

IRRIGATION PLAN

L702

IRRIGATION SCHEDULE

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Valve Callout
Valve Number
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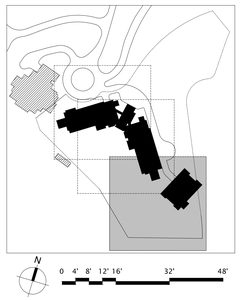

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