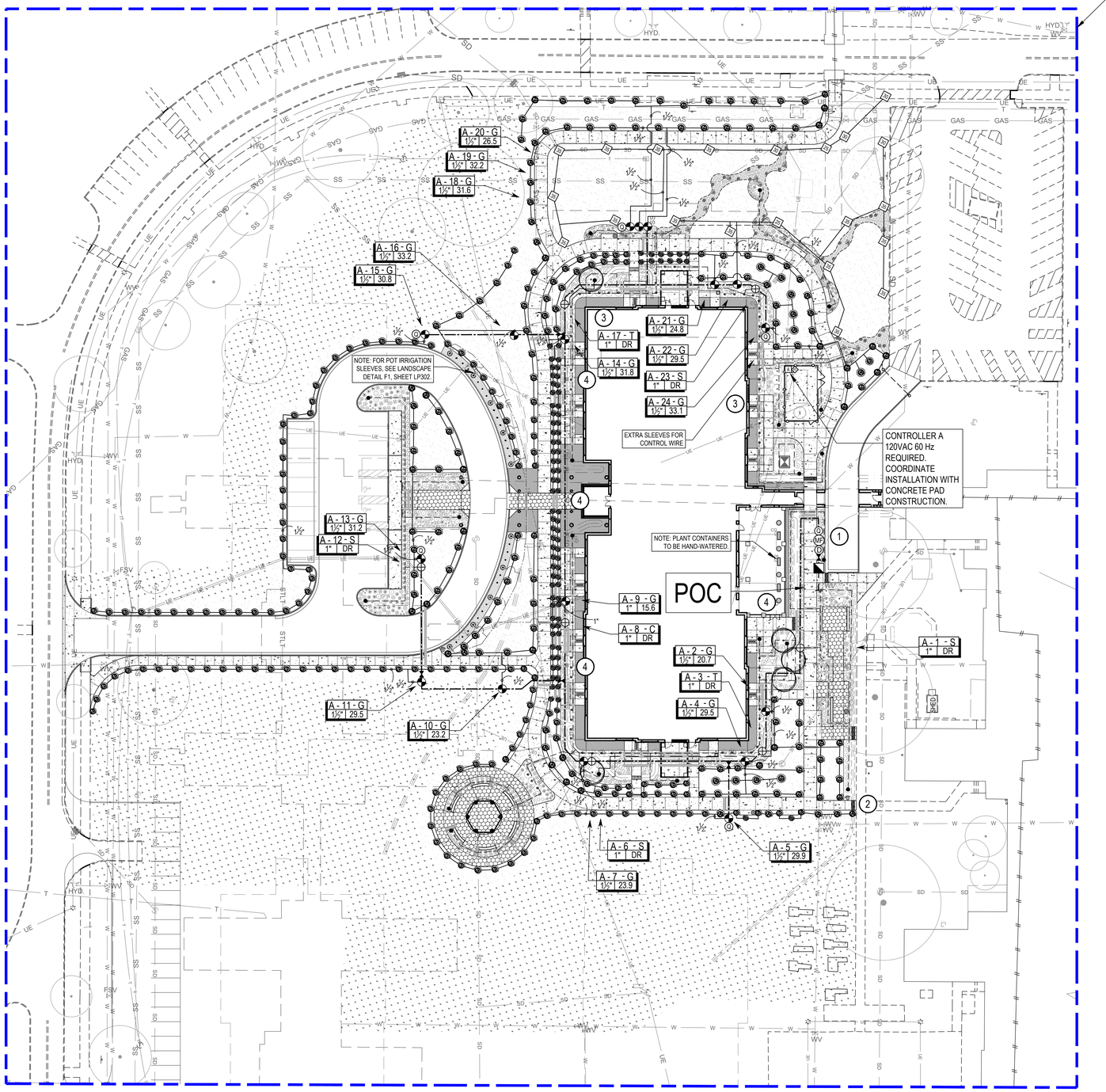

LI401 IRRIGATION PLAN

DEDUCTIVE ALTERNATES:

(DEDUCTIVE ALTERNATES ARE CASCADING AND MUST BE EXERCISED IN THE ORDER PRESENTED)
FOR DETAILS OF EACH DEDUCTIVE SEE COVER SHEET ON GI000

DEDUCTIVE ALTERNATE #1: REDUCE WATER AND ICE SHIELD COVERAGE
DEDUCTIVE ALTERNATE #2: ELIMINATE TUNNEL (EAST LEG)
DEDUCTIVE ALTERNATE #3: ELIMINATE FAUX WINDOWS AT CLEARSTORY
DEDUCTIVE ALTERNATE #4: ELIMINATE WORK AT B6 CORRIDOR
DEDUCTIVE ALTERNATE #5: ELIMINATE CONCRETE
DEDUCTIVE ALTERNATE #6: ELIMINATE LANDSCAPE
DEDUCTIVE ALTERNATE #7: REDUCE PLATFORM AT CHILLER
DEDUCTIVE ALTERNATE #8: ELIMINATE NVR SECURITY
DEDUCTIVE ALTERNATE #9: ELIMINATE LARGE PORCH
DEDUCTIVE ALTERNATE #10: ELIMINATE SMALL PORCH A
DEDUCTIVE ALTERNATE #11: ELIMINATE SMALL PORCH B
DEDUCTIVE ALTERNATE #12: ELIMINATE ENTRANCE CANOPY
DEDUCTIVE ALTERNATE #13: ELIMINATE FENCE/FAUX ROOFS AT RESIDENT ROOMS
DEDUCTIVE ALTERNATE #14: ELIMINATE PATIENT LIFTS TRACK EXTENSION
DEDUCTIVE ALTERNATE #15: ELIMINATE POROUS ASPHALT / PARKING / PORTION OF DRIVE ENTRANCE
DEDUCTIVE ALTERNATE #16: ELIMINATE EXTERIOR SIGNAGE

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	MFR	MODEL NO.	COMMENTS	DETAIL
POC	POINT OF CONNECTION	NA	Point of Connection - Gate Valve at Water Line Stub (By Others)	Refer to Civil Utility and Water Plans	
	BACKFLOW PREVENTER	FEBCO	2" Reduced Pressure Backflow Preventer (825YA) WYE strainer (LF650A)	In Guardshack Security Enclosure.	B1/LI501
NOT SHOWN	SECURITY ENCLOSURE	GUARD-SHACK	Lift-off Enclosure (GS-1) 10"W X 24"H X 22"L Frostguard Blanket (FG-1)	Color: Green	D1/LI501
A	IRRIGATION CONTROLLER	HUNTER	Two-wire Decoder Controller (A2C-75D-SS) w/ Stainless Steel Cabinet, Pedestal Mount (PED-SS)	Refer to Two-Wire Notes	F1/LI501
	RAIN SENSOR	HUNTER	Solar-sync rain/ freeze sensor (WSS-SEN)	Pedestal Mounted	B3/LI501
D	MANUAL DRAIN VALVE	MATCO	Carson Round Valve Box (910) 1" Cross Handle Brass Gate Valve (513)	1 cuft gravel sump. Box extensions as needed	F6/LI501
Q	QUICK COUPLER	HUNTER	Carson Round Valve Box (910) Quick Coupler (HQ-44LRC)	Povide Swivel (HS-1) and Key (HK-44)	B1/LI502
MF	MASTER VALVE & FLOW SENSOR	HUNTER & FLOMEC	(2) Carson Jumbo Valve Box (1220) Sch. 80 PVC Ball Valve - Size per master valve 1-1/2" Master Valve (ICV-151G) 1-1/2" Flow Sensor (QS200-15)	Flow Sensor: 0.55 - 82 GPM RANGE Install per manufacturer's recommendations	B6/LI501
	GATE VALVE	MATCO	Carson Round Valve Box (910) Cross Handle Brass Gate Valve (513)	Size per line size Threaded ends	D6/LI501
NOT SHOWN	SURGE ARRESTER	HUNTER	Carson Round Valve Box (910) Line Surge Arrester (Dual-S)	Install per manufacturer's recommendations Refer to Two-Wire Notes	
	CONTROL VALVE	HUNTER	Carson Jumbo Valve Box (1220) Sch. 80 PVC Ball Valve - Size per valve Control Valve (ICV-1X1G) - Size per plan Two-Wire Decoder (ICD-100)	Refer to Two-Wire Notes	D1/LI502
	DRIP CONTROL ZONE KIT	HUNTER	Carson Jumbo Valve Box (1220) Sch. 80 PVC Ball Valve - Size per valve 1" Drip Control Zone Kit (ICZ-101-25-LF) Two-Wire Decoder (ICD-100)	Refer to Two-Wire Notes	F1/LI502
10 H 12 10 H 12 10 H 12