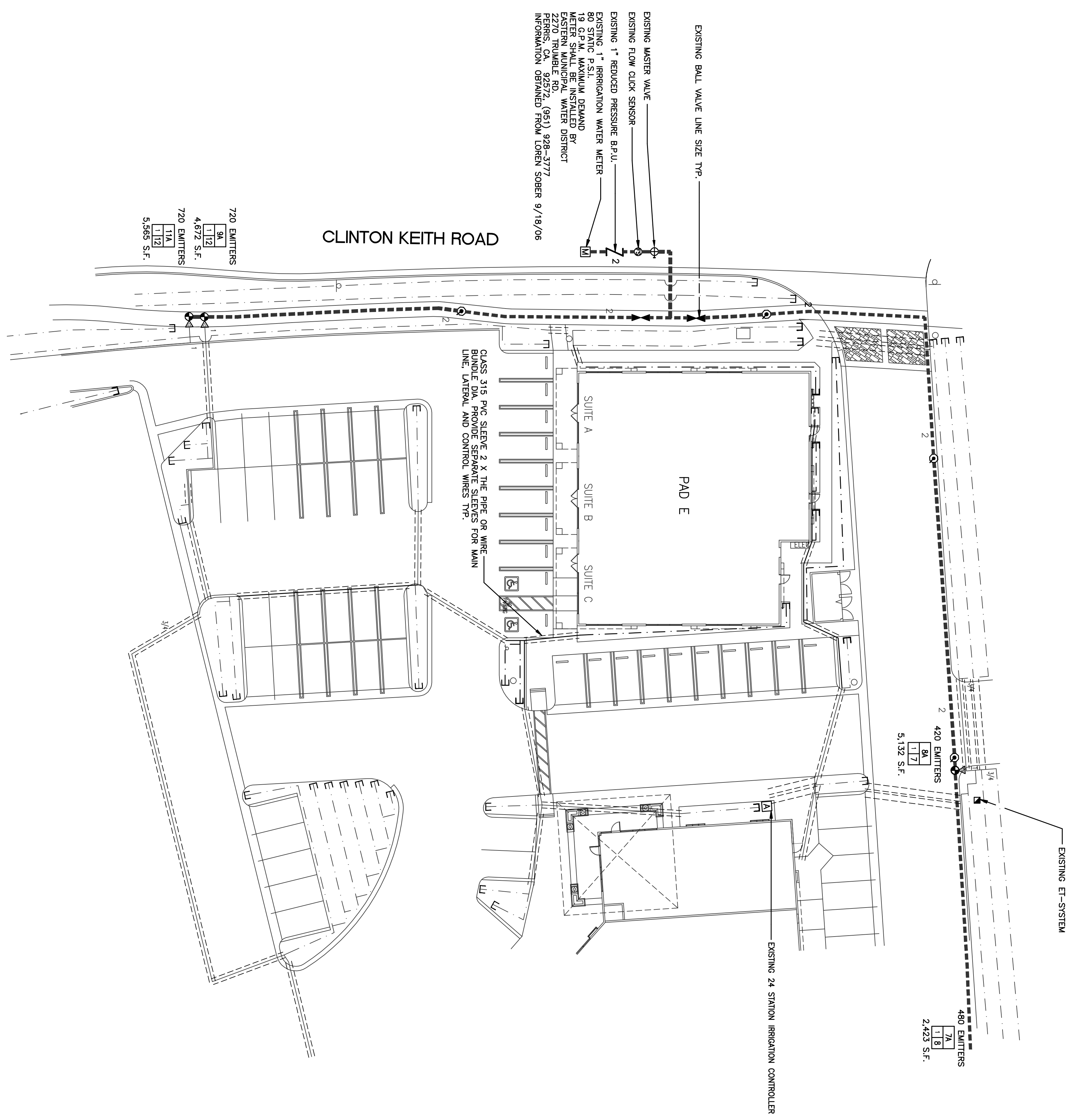


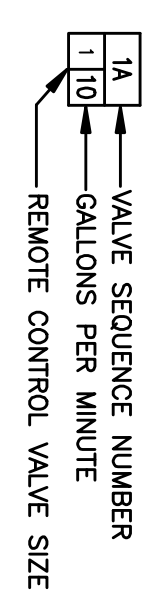
- IRRIGATION NOTES**
- IRRIGATION SYSTEMS SHOWN DIAGRAMMATICALLY LOCATE ALL PLANTING EQUIPMENT WITHIN PLANTING AREAS WHEREAS POSSIBLE.
 - LOCATE PRESSURE LINES WITHIN 18" OF EDGE OF HARDSCAPE IN PLANTING AREAS.
 - ADJUST ALL EMITTERS FOR UNIFORM DISTRIBUTION IN ALL PLANTING AREAS AS REQUIRED.
 - CONTRACTOR SHALL INSPECT THE SITE AND VERIFY ALL CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. TO ALLOW ADJUST DRAIN LINE TO COMPENSATE FOR ANY CHANGES IN AREA.
 - TO ENSURE PROPER LOCATION OF IRRIGATION SCHEDULE INSTALLATION CORRELATE LOCATION OF MAINLINE DRIP LINES AND CONTROL WIRES WITH ALL OTHER RELATED TRADES AS REQUIRED.
 - ALL BRASS FITTINGS TO BE RED BRASS TYPICAL.
 - USE 3/4" TEFLON TAPE ON ALL THREADED CONNECTIONS.
 - IRRIGATION SYSTEMS DESIGNED FROM A STATIC WATER CONDITION SHALL BE PROTECTED AGAINST WATER PRESSURE IN WORST CONDITION AND CONTACT LANDSCAPE ARCHITECT IF ANY INCONSISTENCIES OCCUR.
 - CONTROL WIRE SCHEDULE:
 USE HUNTER DWRG2, 12 AWG DECOHER WIRE (UP TO 15,000 FT./A.S.W.M)
 - ABOVE WIRING SCHEDULE IS BASED ON THE USE OF A 24 VOLT OPERATING ONE VALVE AT A TIME & WIRE SIZE IS BASED ON DEVELOPMENT CODES AND STANDARDS.
 - ALL IRRIGATION SHALL CONFORM TO THE CITY OF WILDOMAR DEVELOPMENT CODES AND STANDARDS.
 - LANDSCAPE MAINTENANCE SCHEDULE SUBMISSION TO INCLUDE:
 EQUIPMENT AND PARTS LIST, SCHEDULE, INSTRUCTIONS TO ADJUST, AND REPAIR IRRIGATION EQUIPMENT. REPAIR IRRIGATION EQUIPMENT WITH ORIGINALLY SPECIFIED EQUIPMENT. REPAIR IRRIGATION EQUIPMENT WITH EQUIVALENT EQUIPMENT AS APPROVED BY LANDSCAPE ARCHITECT. SCHEDULES FOR MAINTENANCE OF CONTROLLED IRRIGATION SYSTEMS SHALL BE PROVIDED TO THE CITY OF WILDOMAR. FERTILIZATION, PRUNING, WEEDING, DISEASE AND PEST CONTROL, DEAD PLANT REMOVAL, COSMETIC MAINTENANCE AND TRUNK SPECIAL REQUIREMENTS SHALL BE TO THE PROJECT'S REGION BY THE CITY OF WILDOMAR. LANDSCAPE ARCHITECT'S APPROVAL.
 - NO SUBSTITUTIONS ARE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY OF WILDOMAR. LANDSCAPE ARCHITECT'S APPROVAL.
 - PROVIDE ADDITIONAL CHECK VALVES AS NEEDED TO PREVENT LOW HEAD DRAINAGE.



NOTE: MAINLINE, LATERALS, AND IRRIGATION EQUIPMENT ARE CONCEPTUALLY REPRESENTED FOR CLARITY AND ARE INSTALLED WITHIN RIGHT-OF-WAYS AND PLANTER AREAS AS INSTALLED BY THE PROJECT'S CONTRACTOR, VENDOR.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER	MODEL NO.	REMARKS - SEE SHEET L-6 FOR DETAILS & SPECIFICATIONS
☐	HUNTER	ACC-2400-HFS	EXISTING 24 STATION AUTOMATIC CONTROLLER - INSTALL IN A 'STRONGBOX' STAINLESS STEEL PEDESTAL MODEL #59-2255 NEAR A 120V A.C. CONNECTION.
☐	HIT PRODUCTS	UM-42	EXISTING UNIPRESSURE 1/2" TO 40 STATION 2 WIRE SYSTEM CONVERTER WITH DUAL OUTPUT, INSTALL PER MANUFACTURER'S SPECIFICATIONS.
☐	HIT PRODUCTS	L-RP	EXISTING PROGRAMMABLE RECEIVER, ONE RECEIVER REQUIRED PER VALVE.
☐	FIBCO	825-YA-1"	EXISTING REDUCED PRESSURE B.P.U. WITH WILKINS 600 H.R. PRESSURE REGULATOR. REGULATE TO 80 P.S.I., INSTALL IN A 'STRONGBOX' STAINLESS STEEL ENCLOSURE MODEL #5980-3055 IN PLANTING AREA.
☐	HUNTER	ET SYSTEM	EXISTING ET MODULE AND WEATHER STATION, INSTALL MODULE W/ CONTROLLER & WEATHER STATION ON POLE UNOBSERVED BY TREES AND OVERHANGS.
△	AMAD	HFS/CTC-100	EXISTING 1" ORG. FILTER W/ 60 MESH DISC ELEMENT AND SENSINGER INLINE PRESSURE REGULATOR #RP-100-4-30-15x1F AT VALVE.
○	HUNTER	CV-2016	EXISTING 1" REMOTE CONTROL VALVE.
○	HUNTER	CV-2016	EXISTING 1" REMOTE CONTROL VALVE.
○	RAINBIRD	44 LRC	EXISTING 2" MASTER CONTROL VALVE.
○	BOWSMITH	SB-10	NON-STOP DRIP EMITTER W/ BRG CAP (1 GPH), 3 PER TREE, 1 PER SHRUB (POLYURE DRIP SYSTEM).
▬	BERCO	UB SERIES	EXISTING PLASTIC BALL VALVE (THREADED) LINE SIZE - TYPICAL.
▬	BERCO	UB SERIES	EXISTING PLASTIC BALL VALVE (THREADED) LINE SIZE - TYPICAL.
▬	PAC. PLASTICS	CLASS 200	EXISTING NON-PRESSURE TYPE LATERAL - INSTALL WITH 12" MINIMUM COVER.
▬	PAC. PLASTICS	CLASS 315	NON-PRESSURE TYPE SLEEVE 2X THE PIPE OR WIRE BUNDLE DIA. TYP.
▬	ROBERTS	POLY	1/2" POLYURE - INSTALL 2" BELOW GRADE.
▬	ROBERTS	POLY	EXISTING 1/2" POLYURE - INSTALL 2" BELOW GRADE.
▬	ROBERTS	POLY	MICRO (SHAGHETT) POLYURE WITH STAKES - 3" MAX. LENGTH.
▬	ROBERTS	POLY	FUSH VALVE END CAP WITH REMOVABLE CAP.
▬	ROBERTS	POLY	FUSH VALVE END CAP WITH REMOVABLE CAP.
▬	ROBERTS	POLY	FUSH VALVE END CAP WITH REMOVABLE CAP.



CITY OF WILDOMAR
 PLAN REVIEW

THESE PLANS HAVE BEEN REVIEWED AND ARE FOUND TO BE IN SUBSTANTIAL COMPLIANCE WITH THE CITY OF WILDOMAR DEVELOPMENT CODES AND STANDARDS. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLANS AND DOES NOT CONSTITUTE AN ENDORSEMENT OF THE PROJECT OR A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLANS AND DOES NOT CONSTITUTE AN ENDORSEMENT OF THE PROJECT OR A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED.

DRIP SYSTEM PRESSURE LOSS CALCS.

VALUE 24 @ 19 GPM

PRESSURE AVAILABLE AT REGULATOR: 80.0 P.S.I.

P.S.I. LOSS BEFORE PRESSURE REGULATOR: (19.8 P.S.I.)

EQUIPMENT	SIZE	P.S.I. LOSS
REGULATOR	1-1/2"	(0.7)
B.P.U.	1-1/2"	(1.5)
LOW SENSOR	1-1/2"	(0.8)
BALL VALVE	2"	(1.1)
MAIN LINE	2"	(2.9)
ELEVATION CHANGE	0'	(0)
SUB TOTAL		(7.0)

PRESSURE AVAILABLE AT REGULATOR: 42.2 P.S.I.

REGULATOR REDUCES PRESSURE TO: 30.0 P.S.I.

P.S.I. LOSS AFTER PRESSURE REGULATOR: (10.0 P.S.I.)

EQUIPMENT	SIZE	P.S.I. LOSS
LATERAL LINES	N/A	(5.0)
EMITTERS	N/A	(5.0)
ELEVATION CHANGE	0'	(0)
SUB TOTAL		(10.0)

TOTAL RESIDUAL PRESSURE: 20.0 P.S.I.



IRRIGATION PLAN