

FOSTER ROAD

PLAN NOTES:

- EX INDICATES AREA OF EXISTING CONTROL ZONE SERVED BY REPLACED VALVE
- 1 APPROXIMATE LOCATION OF TRANSITE LINE TO ABATED. ABATE ALL ENCOUNTERED TRANSITE LINE. REFER TO PROJECT ABATEMENT SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
- 2 POINT OF CONNECTION FOR NEW 6" HIGH PRESSURE PVC MAIN LINE PROVIDING CONTINUATION OF SERVICE TO BASEBALL FIELD AND AREAS OUTSIDE PROJECT. PROVIDE BEFORE ANY IRRIGATION DEMOLITION IN ORDER TO MAINTAIN CONTINUOUS IRRIGATION FOR AREAS OUTSIDE OF PROJECT.
- 3 POINT OF CONNECTION FOR CONTROL WIRES FROM EX CONTROLLER - VERIFY. CONTROL WIRES TO BASEBALL FIELD MUST BE REROUTED THROUGH PROJECT AS NOTED.
- 4 DISREGARD ANY ENCOUNTERED HYDRAULIC CONTROL LINES AROUND FOOTBALL FIELD. HYDRAULIC CONTROL SYSTEM HAS BEEN ABANDONED AND IS NOT IN USE.

- 5A NEW 4" HIGH PRESSURE PVC LINE AND SENSOR WIRE IN SLEEVE FROM PUMP TO POINT OF FUTURE CONNECTION TO FUTURE SYNTHETIC TURF BASEBALL FIELD COOL-DOWN SYSTEM. CAP IN VALVE BOX
- 5B NEW 2-1/2" LOW PRESSURE MAIN LINE FROM PUMP AND 4 CONTROL WIRES PLUS COMMON IN CONDUIT FROM NEW CONTROLLER TO SERVE FUTURE NEW LANDSCAPING AROUND BASEBALL FIELD - CAP IN VALVE BOX
- 6 NEW COACHES SWITCH CONTROLLER FOR FIELD COOL-DOWN - SEE LEGEND THIS SHEET
- 7 NEW LANDSCAPE IRRIGATION TIMER/CONTROLLER FOR ALL EXISTING LANDSCAPING AROUND FOOTBALL FIELD. SEE LEGEND THIS SHEET
- 8 FLOW SENSOR CABLE AND MASTER VALVE CONTROL WIRES TO/FROM FOOTBALL FIELD COACHES SWITCH BY HOME FIELD HOUSE - SEE LEGEND THIS SHEET
- 9 FLOW SENSOR CABLE AND MASTER VALVE CONTROL WIRES TO/FROM FUTURE BASEBALL COACHES SWITCH TO NEW PUMP IN SPLICE BOX BY BASEBALL FIELD
- 10 FLOW SENSOR CABLE AND MASTER VALVE CONTROL WIRES TO/FROM LANDSCAPE TIMER/CONTROLLER FOR FLOW MONITORING
- 11 CONTROL WIRE SPLICE/PULL BOX FOR NEW AND FUTURE CONTROL WIRE AND COMMUNICATION AND SENSOR CABLE
- 12 QUICK COUPLER FOR SYNTHETIC TURF - SEE LEGEND THIS SHEET
- 13 VALVE BOX FOR FOR EXISTING WATER VALVE IN SYNTHETIC TURF - ADAPT TO EXISTING VALVE
- 14 EXISTING IRRIGATION HEADS AT TOP OF SLOPE - RELOCATED AND ADJUST TO ACCOMMODATE NEW FIRE ACCESS STAIR AND WATER SERVICE AS NOTED IN NOTES 14A THROUGH 14D
- 14A REPLACE EX HEAD WITH QUARTER ARC HEAD AND MOVE TO CORNER OF NEW STAIR
- 14B PROVIDE AND INSTALL NEW QUARTER ARC HEAD TO MATCH AT OPPOSITE SIDE OF STAIR - CONNECT UNDER NEW STAIR TO HEAD AT OTHER SIDE USING PIPE SIZED TO MATCH EX
- 14C PROVIDE AND INSTALL NEW PART CIRCLE ARC HEADS WITH THROW RADIUS TO FIT BETWEEN STAIR AND WATER SERVICE AND PRECIPITATION RATE EQUAL TO EXISTING HEADS
- 14D PROVIDE AND INSTALL NEW QUARTER ARC HEADS MATCHING EXISTING HEADS AND CONNECT TO EXISTING PIPING USING PIPE SIZED TO MATCH

IRRIGATION LEGEND

SYMB.	DESCRIPTION	MANUFACTURER & MODEL	NOTES	DET.
	GEAR DRIVEN COOL-DOWN ROTARY HEAD IN SYNTHETIC TURF SPECIALTY VAULT	HUNTER STG-800-83 ADJUSTABLE ARC W/HUNTER STK-1 REMOTE VALVE VAULT	12" RADIUS, 92 GPM AT 120 PSI WITH HUNTER TURF VAULT AND 475000 RUBBER COVER	5 / TF232
NOT SHOWN	HIGH STRENGTH SWING JOINTS - FOR HEADS	HUNTER ST2008-VA SWING JOINT W/ 228000 & 228000 FITTINGS		5 / TF232
NOT SHOWN	HIGH STRENGTH SWING JOINTS - FOR QCVs	LASCO G35-400		5 / TF232
	BRONZE BALL VALVE	NBCO T-585-70 1-1/2" OR EQUAL FULL PORT		3 / TF232 2 / TF233
	NEW COOL-DOWN CONTROL VALVE	SUPERIOR 950	2-1/2"	3 / TF232
	NEW 24 VAC SOLENOID CONTROL VALVE	SUPERIOR 950	2"	3 / TF232
	QUICK COUPLER VALVE	RAINBIRD 44		5 / TF232
(EX-T-6")	EXISTING TRANSITE MAIN LINE - SIZE NOTED		SEE NOTE 1	
---	HIGH PRESSURE MAINLINE	PVC CLASS 315 W/ DUCTILE IRON JOINTS		4 / TF232 2 / TF233
---	LOW PRESSURE MAINLINE	PVC SCHEDULE 40 W/ SOLVENT WELD OR GASKETED JOINTS - STANDARD THRUST BLOCKS		4 / TF232
---	NON-PRESSURE LATERAL LINE	PVC SCHEDULE 40 W/ SOLVENT WELD JOINTS		4 / TF232
	BRASS GATE VALVE	NBCO T-113	LINE SIZE	2 / TF232
	COOL-DOWN CONTROLLER	"COACHES SWITCH" BY IMPERIAL TECHNICAL SERVICES (CAG-TS2-6-1 MVR/PSR - PROVIDE WITH ITS FLOW-GUARD FLOW SENSOR AND M.V.)	PEDESTAL MOUNT, KEY CONTROLLED 4 STATION SECURE INTERVAL TIMER	3 / TF233
	LANDSCAPE CONTROLLER	RAINMASTER EAGLE PINE 24 EG (SPD)	IN SPD PEDESTAL - PROVIDE WITH 5 YEAR 1-CENTRAL CONTRACT	4 / TF233
	MASTER VALVE	SUPERIOR NORMALLY CLOSED		1 / TF232
	FLOW SENSOR	IRRFITL FS-B150 1-1/2" AND FS-B200 2" AS NOTED	USE PAGE CABLE P-7182-D SENSOR CABLE	1 / TF232
	IRRIGATION ONLY WATER METER	SEE SHEET C-501		C-501
	IRRIGATION BACKFLOW PREVENTER	SEE SHEET C-501		C-501
	IRRIGATION / COOL-DOWN BOOSTER PUMP	BARRETT ENGINEERED PUMPS SKD W/ ENCLOSURE B2000-15-5-3/4" 15 HP - 480 VAC 3 PHASE VFD DUAL PRESSURE SET POINTS HP HIGH PRESSURE 10 PSI - LP LOW PRESSURE 80 PSI		1 / TF233
NOT ILLUSTRATED	CONTROL WIRE AND SENSOR COMMUNICATION CABLE	DIRECT BURIAL CONTROL WIRE 14 GA - SENSOR COMMUNICATION PAGE P-7182-D CABLE	CONTROL WIRE DIRECT BURIAL IN LANDSCAPING ONLY - COMM CABLE ALWAYS IN CONDUIT. ALL CABLE & WIRE ALWAYS SLEEVED UNDER PAVING & TURF	4 / TF232
---	CONTROL & SENSOR WIRE SLEEVE	PVC SCH 40 GRAY OR WHITE	SIZE NOTED ON PLAN	4 / TF232
---	PIPE SLEEVE - LATERAL LINE	RIGID PVC SCH 40	SIZE NOTED ON PLAN	4 / TF232
---	PIPE SLEEVE - MAIN LINE			

IRRIGATION CONTROL VALVE PROJECT REQUIREMENTS:

- GENERAL VALVE NOTES:
  - 1 REPLACE ALL EXISTING CONTROL VALVES AT RETAINED CONTROL LOCATIONS WITH NEW CONTROL VALVES AND VALVE BOXES
  - 2 PROVIDE NEW MANUAL BALL VALVES IN SEPARATE VALVE BOXES FOR EVERY CONTROL VALVE
  - 3 ALL IRRIGATION CONTROL VALVES IN THE PROJECT LIMIT OF WORK MUST BE WIRED TO THE NEW IRRIGATION CONTROLLER

PLAN VALVE NOTES:

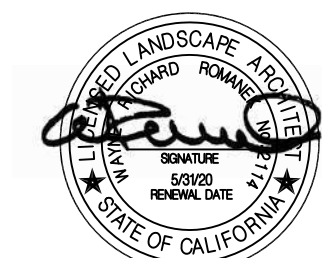
- 15 REMOVE EXISTING CONTROL VALVE NO LONGER REQUIRED RETURN ALL REMOVED EQUIPMENT TO DISTRICT
- 16 REPLACE EXISTING CONTROL VALVE IN PLACE AND PROVIDE NEW CONTROL WIRE TO NEW CONTROLLER "A" SEE LEGEND THIS SHEET FOR NEW VALVE TYPE AND SIZE PROVIDE NEW VALVE BOX AS DETAILED
- 17 REPLACE EXISTING CONTROL VALVE WITH NEW AT NEW LOCATION - PIPE VALVE TO EXISTING ZONE IRRIGATION HEADS USING PVC SCHEDULE 40 PIPE NO SMALLER THAN SIZE OF LARGEST EXISTING PIPE USED IN ZONE. PROVIDE NEW VALVE BOX AND WIRE TO NEW CONTROLLER "A" RETURN ALL REMOVED EQUIPMENT TO DISTRICT

TRUE NORTH  
PLAN NORTH  
FIELD COOLING AND IRRIGATION UPGRADE PLAN  
Scale: 1" = 20'-0"

REVISIONS  
1 ADDENDUM 1 02/01/2022

THIS APPROVAL IS FOR ITEMS WITHIN CLOUDED AREAS ONLY. FOR OTHER INFORMATION NOT CONTAINED WITHIN CLOUDED AREAS, REFER TO ORIGINAL DSA APPROVED PLANS.  
DO NOT USE THESE PLANS AS SUBSTITUTE FOR THE ORIGINAL DSA APPROVED PLANS

CONSULTANT  
CARTER, ROMANEK  
Landscape Architects, Inc.  
28720 Roadside Drive, Suite 100  
Agoura Hills, California 91301  
(818) 477-9800



NORWALK LA MIRADA UNIFIED SCHOOL DISTRICT  
LA MIRADA HIGH SCHOOL NEW FOOTBALL STADIUM PROJECT  
13520 ADELEA DRIVE, LA MIRADA, CA 91688

DSA # 03-120551

NAC NO. 161-19015  
DATE 02/01/2022

DSA BACKCHECK SUBMISSION

FIELD COOLING AND IRRIGATION UPGRADE PLAN

TF 2.31