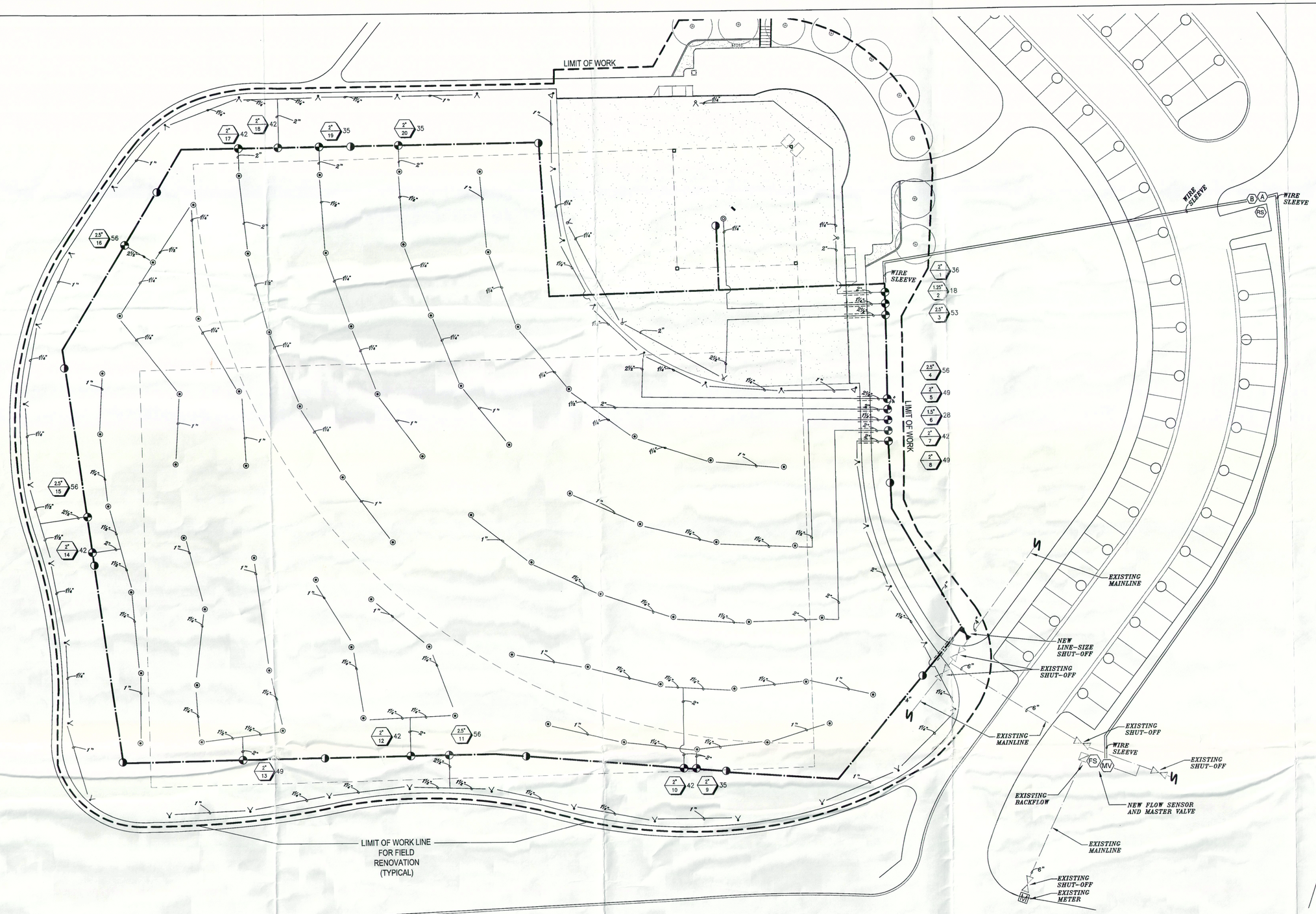

IRRIGATION LEGEND								
SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	P.S.I.	RAD.	G.P.M.	PRECIP.	DETAIL
	HUNTER	I-60-ADS-20	4" POPUP ROTOR (INFIELD)	40	62'	17.5	1.01 (T)	H
	HUNTER	I-60-36S-20	4" POPUP ROTOR (INFIELD)	40	62'	17.5	.51 (T)	H
	HUNTER	I-40-04-SS-40	4" POPUP ROTOR (TURF)	40	45'	7.0	.77 (T)	H
SYMBOL	MANUFACTURER	MODEL	DESCRIPTION					DETAIL
M	EXISTING		POINT OF CONNECTION - EXISTING WATER METER (BY OTHERS) - VERIFY LOCATION IN FIELD					-
	EXISTING	BACKFLOW ASSEMBLY	EXISTING 4" BACKFLOW ASSEMBLY					-
FS	CALSENSE	FM-2	FLOW SENSOR (FOR FLOWS BETWEEN 6 - 196 GPM) INSTALL IN CARSON VALVE BOX (OR EQUAL)					A
MV	SUPERIOR	950 DW	3" MASTER VALVE, NORMALLY CLOSED (PER CITY REQUEST) INSTALL IN CARSON VALVE BOX (OR EQUAL)					A
	SUPERIOR	950 DW	REMOTE CONTROL VALVE - SIZE AS NOTED ON PLANS INSTALL IN CARSON VALVE BOX (OR EQUAL)					B1, B2
A B	HYDROPOINT	WeatherTRAK ET PRO 2 WITH PRO MAX-UA CONNECTIVITY GREEN PRODUCT SALES PART #s : (A) ICA6HP3-36/FS-2/IFSW-500'/ HP3SP48-5//ANT-PC/ANT/BK/ MP-16/SP/RSE/RMPMUA/MVR (B) ICA6HP3-36/FS-2/IFSW-500'/ HP3SP48-5//ANT-PC/ANT/BK/ MP-16/SP/RSE/RMPMUA/MVR	2 - 36 STATION CONTROLLERS WITH HEAVY DUTY STAINLESS STEEL PEDESTAL CABINET, INSTALL WITH TWO-WAY COMMUNICATION UPGRADE KIT, AND NORMALLY OPEN RAIN SWITCH, WITH 5-YR. ET EVERYWHERE SERVICE FOR THIS LOCATION; PROVIDE TWO PRO MAX-UA REMOTE CONTROLS FOR THIS CONTROLLER ASSEMBLY. CONTRACTOR IS RESPONSIBLE FOR CONNECTING ALL NEW VALVES TO NEW CONTROLLER "A". CITY SHALL BE RESPONSIBLE FOR CONNECTING REMAINING EXISTING VALVES TO NEW CONTROLLER AND FOR THE REMOVAL OF THE EXISTING CONTROLLERS. COORDINATE WITH CITY'S MAINTENANCE SUPERINTENTENT: EMILIO BLANCO AT (310) 544-5336. CONTROLLER ASSEMBLY AVAILABLE FROM: GREEN PRODUCT SALES, MARK DELANGE (909) 800-1272, EMAIL: MARKDELANGE@VERIZON.NET.					D

RS	HUNTER	RAIN-CLIK	RAIN SENSOR, INSTALL IN VANDAL RESISTANT SENSOR ENCLOSURE INSTALL PER MFG. RECOMMENDATIONS ON TRASH ENCLOSURE WALL. CONDUIT REQUIRED.	-
	RAINBIRD	44LRC	QUICK COUPLER, 1", INSTALL IN CARSON VALVE BOX	G
	SPEARS	TUBV-E PVC	PVC SHUT-OFF VALVE, LINE SIZE	C
	EXISTING	-	SHUT-OFF (ISOLATION) VALVE - LOCATIONS ARE APPROXIMATE AND BASED ON PLANS AND INFORMATION PROVIDED BY THE CITY	-
	ANY APPROVED	SCH. 40	PRESSURE PVC MAIN LINE - SEE PLAN FOR SIZE.	E
	ANY APPROVED	SCH. 40	NON-PRESSURE PVC LATERAL LINE - SEE PLAN FOR SIZE	E
	ANY APPROVED	SCH. 40	PVC SLEEVE - TWICE LINE SIZE	F
	ANY APPROVED	SCH. 40	PVC WIRE SLEEVE - 4" MINIMUM	F
	LIMIT OF WORK LINE FOR FIELD RENOVATION. CONTRACTOR IS REPSONSIBLE FOR THE INSTALLATION OF ALL NEW EQUIPMENT SHOWN ON THE PLANS, INCLUDING NEW FLOW SENSOR AND MASTER VALVE, CONTROLLERS, AND WIRE SLEEVES.			

SIZE # GPM

POINT-OF-CONNECTION

METER SIZE: EXISTING, SIZE UNKNOWN
STATIC PRESSURE (HIGH/LOW): STATIC 75-80 PSI @ BACKFLOW INLET
67-72 PSI @ BACKFLOW OUTLET

CONTACT: EMILIO BLANCO, CITY OF RPV PUBLIC WORKS, (310) 544-5336
SYSTEM DESIGN PRESSURE: REFER TO PRESSURE LOSS CALCULATION, SHEET L-4.
THIS IS A POTABLE SYSTEM.

IRRIGATION MAINLINE NOTE:
MAINLINE IS SHOWN OUTSIDE OF PLANTING AREA AND PROPERTY LINE FOR GRAPHIC CLARITY ONLY. MAINLINE SHALL BE INSTALLED WITHIN PROPERTY BOUNDARIES AND WITHIN PLANTING AREA WHEREVER POSSIBLE. WHERE MAINLINE MUST RUN UNDER PAVING OR ACROSS ROADS, INSTALL IN SCH. 40 PVC SLEEVES (TWICE THE DIAMETER OF THE MAINLINE PIPE MIN., OR AS SHOWN).

GENERAL VALVE/QUICK COUPLER NOTE:
CONTRACTOR SHALL NOT INSTALL ANY VALVES OR QUICK COUPLERS IN HARDSCAPE AREAS. CONTRACTOR SHALL INSTALL THESE ITEMS IN PLANTER AREAS ONLY.

SLEEVING NOTE:
CONTRACTOR TO TERMINATE ALL MAINLINE, WIRE AND LATERAL SLEEVES 12" BEYOND HARDSCAPE INTO PLANTER AREA. NO SLEEVES TO BE TERMINATED UNDER HARDSCAPE. CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING LIMITS OF HARDSCAPE PRIOR TO INSTALLING SLEEVES.

IRRIGATION NOTES:
SEE SHEET L-4 FOR IRRIGATION NOTES.

PRESSURE LOSS CALCULATION:
SEE SHEET L-4 FOR PRESSURE LOSS CALCULATION.

DIAL BEFORE YOU DIG
DIAL 8-1-1 FROM ANY PHONE OR
VIA WEB AT: http://www.digalert.org/digexpress.asp
DIGALERT
PLAY IT SAFE. DIAL BEFORE YOU DIG!
AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATING
SERVING NINE SOUTHERN CALIFORNIA COUNTIES

0 10 20 40'
1" = 20'

REVIEW BY STAFF	BY	DATE
TRAFFIC		
WATER		
SEWER		
PLANNING		

APPROVED BY

RAY HOLLAND
DIRECTOR OF PUBLIC WORKS
CITY OF RANCHO PALOS VERDES
DATE _____

Withers Sandgren Landscape Architecture

WITHERS & SANDGREN
LANDSCAPE ARCHITECTURE
& PLANNING

P.O. BOX 276
MONTROSE, CA 91021-0276
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(818) 882-8394 Fax

DELIVERIES
20948 TULSA STREET
CHATSWORTH, CA 91311
mail@withersandsandgren.com

SHEET TITLE
IRRIGATION PLAN

PROJECT TITLE
FRED HESSE JR. PARK
FIELD RENOVATION PROJECT
29301 HAWTHORNE BLVD.
RANCHO PALOS VERDES, CA

REVISIONS	DATE
1.	
2.	
3.	
4.	
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6.	
7.	
8.	

DRAWN BY:	DH/PBN
CHECKED BY:	LW
PROJECT NO.	0807
DATE:	12/17/2010

LICENSED LANDSCAPE ARCHITECT
ROBERT M. WITHERS
8/31/2011
Expiration Date
12/17/2010
Date
STATE OF CALIFORNIA

SHEET 4 OF 5
L-3