

DATA INDUSTRIA

(MODEL#228-PV) 2

(MODEL #950) 3" NORMALLY CLOSED MASTER CONTROL VALVE

(MODEL#PMH MPC-F 2CR32-4) 2 \times 15 HP BOOSTER PUMP AVAILABLE THROUGH KERN TURF CONTACT JOSH BANDUCCI AT 661-833-0596

SUPERIOR

GRUNDFOS

/ALVE SIZE

NO SYMBOL

NO SYMBO

NO SYMBO

3М

DBY-6 WIRE CONNECTORS, USE FOR ALL WIRE CONNECTIONS

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N/A

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CONVENIENT GROUND ELECTRODE (CGE) KIT- PER MANUFACTURER RECOMMENDATION KIT CONTAINS TWO 4-FT COPPERBONDED GROUND RODS, A COUPLING, A DRIVE SLEEVE AND A CONNECTOR

480 VOLT THREE PHASE ELECTRICAL POWER FOR IRRIGATION BOOSTER PUMP, PROVIDED BY OTHERS VERIFY ACTUAL LOCATION IN FIELD

120 VOLT ELECTRICAL POWER FOR IRRIGATION CONTROLLER, PROVIDED BY OTHERS, VERIFY ACTUAL LOCATION IN FIELD

VB SERIES VALVE BOXES OR EQUAL. VB-STD FOR RCVS, VB-10RND FOR QUICK COUPLERS AND GATE VALVES, VB-JMB AND VB-SPR FOR DRIP VALVE ASSEMBLIES. GREEN COLORED LOCKING LIDS.

C&D/L12

D/L13

BAKERSFIELD CITY
SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD
CALIFORNIA
93305

B/L13

CONCRETE THRUST BLOCKS TO BE INSTALLED WHEREVER MAINLINE TEES OFF OR CHANGES DIRECTION

SYMBO

HUNTER

IDWIRE1 IRRIGATION DECODER SYSTEM WIRE- 2 CONDUCTOR 14 AWG SINGLE CONDUCTOR INSULATED TWISTED SOFT DRAWN BARE COPPER COVERED WITH POLYETHYLENE INSULATION 10,000 FEET MAXIMUM. INSTALLED WITHIN SLEEVING THROUGHOUT PROJECT, ROUTE WITH MAINLINE. 米 とっつからしいのたらして

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G/L12

A&B/L12 B/L13

F/L12

EW MIDDLE SCHOOL
4115 VINELAND ROAD
BAKERSFIELD
CALIFORNIA
93306

FOR:

B/L12

A/L12 A/L12

NEW ELEMENTARY
SCHOOL
9801 HIGHLAND KNOLLS DR
BAKERSFIELD
CALIFORNIA
93306

PVC PIPE SCH. 40 SLEEVING, TWICE THE DIAMETER OF PIPE CARRIED AND 1" SIZE FOR CONTROL WIRE INSTALL WHERE PIPES AND WIRE OCCUR BELOW/THROUGH PAVING AND HARDSCAPE ITEMS.

PVC PIPE CLASS 315 MAINLINES, 18" MINIMUM COVER BELOW GRADE, SIZE PER PLAN

ATERAL LINES, 12" MINIMUM COVER BELOW GRADE

MINIMUM SIZE

(MODEL#4660-T) 3/4" SCH 40 PVC MANUAL FLUSH VALVE LOCATED AT END OF DRIP LINE

NIBCO

AS APPROVED

AS APPROVED

AS APPROVED

PVC PIPE SCH. 40

(MODEL#ICZ-101-40) 1" DRIP ZONE REMOTE CONTROL VALVE ASSEMBLY

(MODEL#ICZ-151-40) 1 1/2" DRIP ZONE REMOTE CONTROL VALVE ASSEMBLY

PRS) REMOTE CONTROL VALVE WITH PRESSURE REGULATOR,

SIZE PER PLAN

DWPRS

H/L11

E/L11 F/L11 G/L11

E/L11

K/L12

I/L12

J/L12

H/L12

D/L11 AND E/L13

#:02-112027 #: 15-6

C/L11 AND E/L13

HUNTER

HUNTER

SUPERIOR

(MODEL#950A-DWF

RAINBIRD

(MODEL#44LRC) QUICK COUPLER VALVE

NIBCO

(MODEL#T-FP-600A) GATE VALVE, LINE SIZE FOR 4" MAINLINES

(MODEL#T-113) GATE VALVE, LINE SIZE FOR MAINLINES UP TO 3" SIZE

HUNTER

HUNTER

HUNTER

HUNTER

ICD-100 SINGLE STATION DECODER WITH SURGE SUPPRESSION AND GROUND

FLOW SENSOR INSTALL PER MANUFACTURER RECOMMENDATION, WIRE

ICD-200 TWO STATION DECODER WITH SURGE SUPPRESSION AND GROUND

ICD-400 FOUR STATION DECODER WITH SURGE SUPPRESSION AND GROUND

ICD-SEN TWO INPUT SENSOR DECODER WITH SURGE SUPPRESSION AND GROUND

ATION PL

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WHEREVER POSSIBLE, CONTROL WIRES SHALL OCCUPY THE SAME TRENCH AS PIPES. SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. CONTRACTOR TO LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE AND EVERY 100' ON CENTER ALONG WIRE RUN. ACH CONTROLLER SHALL HAVE ITS OWN INDEPENDENT GROUND WIRE.

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Q, **Q**,

RAINBIRD

RAINBIRD

FALCON 6504 F4-PC-SS-16 POP-UP ROTOR W/ #16 1/4 CIRCLE NOZZLE

RAINBIRD

1804-SAM-R13 W/ ROTARY NOZZLES

0.40

0.53

0.80

1.07

1.60

8 8

16

日

KL11

50

51 FT

J/L11

3

22

KL11

3.70 2.60

1.64

JOB NUMBER:
200101244

CAD DRAWING FILE:

1.00

1804-SAM-R17 W/ ROTARY NOZZLES

X X X

RAINBIRD RAINBIRD

RAINBIRD

-U10 SERIES MPR NOZZLES

1804-SAM-

-U8 SERIES MPR NOZZLES
1402 (EACH SYMBOL REPRESENTS

1.05 1.00 10 GPH

PC-10-1032 GREEN COLORED PRESSURE COMPENSATING MODULE WITH PC DIFFUSER CAP INSTALLED ON POLYFLEX RISER.

CAUSE

7225

(P)

HE428

9504

SUPERIO

950 A DWPRS

9

CONTROL VALVES SHALL BE SIZED AS DESIGNATED ON THE DRAWINGS AND SHALL BE INSTALLED IN VALVE BOXES AS INDICATED IN THE DETAILS. BOXES SHALL BE SET FLUSH WITH THE FINISH GRADE OR SURFACE AND PERMANENTLY MARKED WITH THE LETTERS R.C.V.

UNLESS OTHERWISE NOTED ON THE DRAWINGS, CONTRACTOR SHALL INSTALL WIRE AND PIPE UNDER HARDSCAPE AREAS IN P.V.C. SCHEDULE 40 SLEEVES PLACED PRIOR TO INSTALLING HARDSCAPE IN ACCORDANCE WITH APPLICABLE CODES.

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VAL LOCATION FOR BACKFLOW PREVENTION DEVICES SHALL BE
PROVED BY THE DISTRICT'S AUTHORIZED REPRESENTATIVE PRIOR TO
STALLING. CONTRACTOR SHALL NOTIFY ALL LOCAL JURISDICTIONS FOR
SPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.

FINAL LOCATION FOR IRRIGATION BOOSTER PUMP SHALL BE APPROVED BY THE DISTRICT'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLING. CONTRACTOR SHALL MANUFACTURER'S REPRESENTATIVE FOR INSPECTION AND TESTING OF INSTALLED BOOSTER PUMP.

(T)

RAINBIRD

FALCON 6

504 F4-PC-SS-16 POP-UP ROTOR W/ #16 1/2 CIRCLE NOZZLE

14.3

51 FT

J/L11

FALCON 6504 F4-PC

RAINBIRD

FALCON 6504 F4-FC-SS-16 POP-UP ROTOR W/ #16 FULL CIRCLE NOZZLE

D D

51 FT

J/L11

J/L11

FALCON 6504 F4-PC-SS-16 POP-UP ROTOR W/ #16 3/4 CIRCLE NOZZLE

MANUFACT

MODEL NO. / DESCRIPTION

IRRIGATION HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHEWISE DESIGNATED ON THE PLANS. CONTRACTOR SHALL INSTALL ANTI-DRAIN CHECK VALVES AS NECESSARY TO PREVENT LOW HEAD DRAINAGE.

WATER

IRRIGATION SYMBOL A B \blacksquare HUNTER MANUF LEGEND ACC-99D- 99 STATION IRRIGATION TWO WIRE DECODER CONTROLLERS. CONTROLLER ASSEMBLIES AVAILABLE FROM IMPERIAL TECHNICAL SERVICES- (714) 792-2920 ASSEMBLY SPECIFICATION INCLUDES THE FOLLOWING: CONTROLLER A- 'MASTER' CONTROLLER TO BE INSTALLED WITH ACC-COM-LAN ETHERNET COMMUNICATION MODULE CONTROLLER A WITH ETHERNET ICA6-HU5-99/SP/A-ETH/A-HWIM/IFS-200/ICR POINT OF CONNECTION- TIE INTO STUBOUT PROVIDED BY CIVIL'S UTILITY PLAN ITEM DESCRIPTION

MATCHLINE

SHE

CONTROLLERS A AI PROVIDE A ICD-HP PROVIDE (MODEL# ICR-KIT) COMPLETE REMOTE KITS INCLUDING TRANSMITTER, RECEIVER. HARNESS AND CARRYING CASE PROVIDE TWO REMOTES TOTAL, ONE REMOTE FOR EACH SCHOOL. CONTROLLERS A CONTROLLER B- 'SLAVE' CONTROLLER TO BE INSTALLED WITH ACC-COM-HWR HARDWIRE COMMUNICATION MODULE CONTROLLER B WITH HARDWIRE CONNECTION ICA6-HU5-99/SP/A-HWIM/IFS-200/ICR AND B TO EACH BE INSTALLED WITHIN SEPARATE STRONGBOX SB16SS TOP ENTRY ENCLOSURES HANDHELD DECODER PROGRAMMER- ONE DECODER TOTAL FOR BOTH SCHOOLS

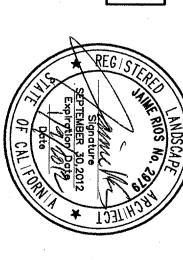
NOTE: HUNTER INDUSTRIES WILL BE PROVIDING THE IMMS3-CD CENTRAL CONTROL SOFTWARE TO THE SCHOOL DISTRICT AS PER PRE-DETERMINED AGREEMENT. CONTACT HUNTER REPRESENTATIVE SAM PEREZ (559) 903-7277

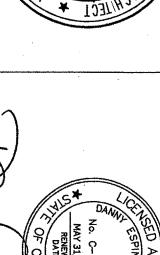
(MODEL#880V) 6" R/ BACKFLOW TO BE II INSTALL EACH BFP SBBC-40WALHP ALUMINUM BACKFLOW ENCLOSURE, INSTALL PER MANUFACTURER'S PROVIDE ONE PER BACKFLOW DEVICE (MODEL#NLA 200) BLADDER TYPE SURGE TANK INSTALL BETWEEN WATER METER AND BACKFLOW DEVICE (MODEL#ET-SENSOR) EVAPOTRANSPIRATION SENSOR, POLE MOUNT INSTALLATION OF SENSOR WITHIN UTILITY YARD. SINGLE ET SENSOR TO BE USED FOR BOTH CONTROLLERS. CONTRACTOR SHALL PROVIDE IMMS-ET-CD SOFTWARE FOR ET SENSOR AS PART OF THIS ITEM. /P BACKFLOW PREVENTION ASSEMBLY WITH NRS GATE VALVES INSTALLED IN STANDARD ORIENTATION. WITH POLAR BEARIER SLIP-ON INSULATING COVER, SIZED TO FIT BFP UNIT N/L11 B/L11 B/L11 C/L13

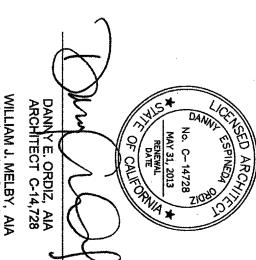
WESSELS CO

A/L13 Salon REFER TO SHEET L11, L12 &L FOR IRRIGATION DETAILS. .

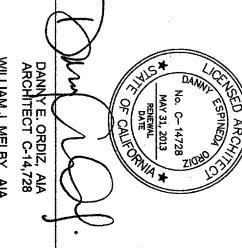
LANDSCAPE RIOS NO.

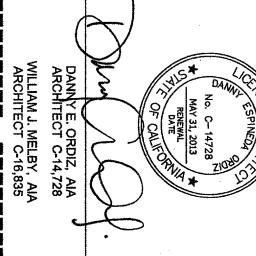


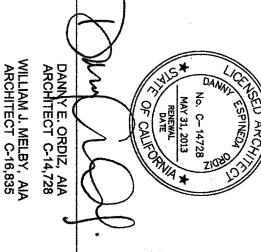


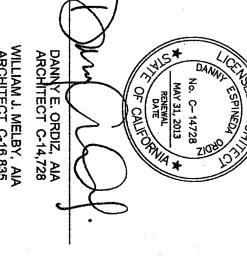


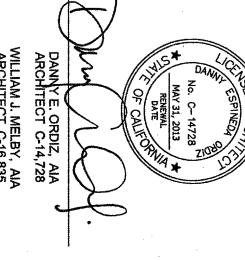


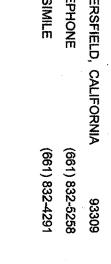












RIOS DESIGN STUDIO LANDSCAPE ARCHITECTURE & DESIGN

3805 ORA VISTA AVENUE BAKERSFIELD, CALIFORNIA 93309 P: 661.835.9259 F: 661.367. 5284

ARCHITECTS INC.

A/L11

LEGEND

IRRIGATION PLAN, EGEND AND NOTES

SHEET TITLE

NINGS, IDEAS, AND DESIGNS FED ON THIS SHEET ARE THE RTY OF THE ARCHITECT.