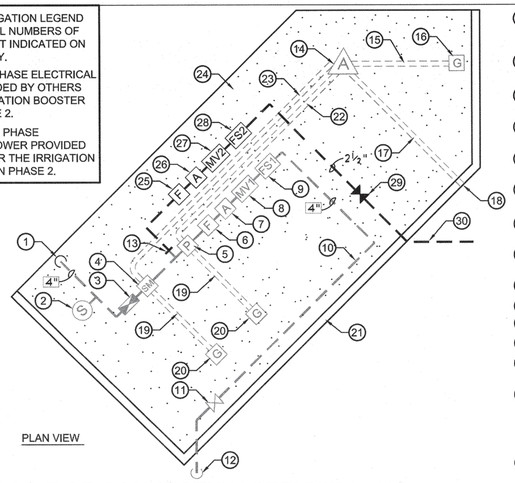
REFER TO IRRIGATION LEGEND FOR THE MODEL NUMBERS OF THE EQUIPMENT INDICATED ON THE DETAIL KEY.

208-230VAC 3 PHASE ELECTRICAL POWER PROVIDED BY OTHERS FOR THE IRRIGATION BOOSTER PUMP IN PHASE 2.

120VAC SINGLE PHASE ELECTRICAL POWER PROVIDED BY OTHERS FOR THE IRRIGATION CONTROLLER IN PHASE 2.



A POINT OF CONNECTION SERVICE YARD ENLARGEMENT 'A'
SCALE: NTS

1. 4" IRRIGATION SERVICE LINE FROM LANDSCAPE WATER METER AS PER CIVIL ENGINEER'S PLAN- INSTALLED IN PHASE 1.
2. BLADDER SURGE TANK. CONNECT TO GALVANIZED TEE INSTALLED IN PHASE 2.
3. 3" RP BACKFLOW PREVENTER ENCLOSURE ON CONCRETE PAD- INSTALLED IN PHASE 1.
4. 2" OCTAVE FLANGED SUB METER- INSTALLED IN PHASE 2.
5. IRRIGATION BOOSTER PUMP. INSTALLED IN PHASE 2.
6. 25 GALLON FERTIGATION UNIT- INSTALLED IN PHASE 1.
7. 1" AIR RELEASE AND VACUUM BREAKER VALVE- INSTALLED IN PHASE 1.
8. 2" NORMALLY CLOSED MASTER VALVE- INSTALLED IN PHASE 1.
9. 2" FLOW SENSOR- INSTALLED IN PHASE 1.
10. 4" IRRIGATION MAINLINE- INSTALLED IN PHASE 1.
11. 4" PUSH ON GATE VALVE- INSTALLED IN PHASE 1.
12. IRRIGATION MAINLINE - INSTALLED IN PHASE 1.
13. 2½" IRRIGATION MAINLINE- CONNECT TO 2½" PIPE FOR INSTALLED IN PHASE 1.
14. IRRIGATION PEDESTAL MOUNT CONTROLLER - INSTALLED IN PHASE 1. CONTROLLER TO OPERATE AS STAND ALONE UNTIL ETHERNET CONNECTION HOOKUP IS AVAILABLE.
15. 1" SCH 40 CONDUIT FROM CONTROLLER TO GROUNDING KIT - INSTALLED IN PHASE 1.
16. CONTROLLER GROUNDING KIT - INSTALLED IN PH1.
17. 1" SCH 40 CONDUIT FOR ETHERNET COMMUNICATION CABLE CONNECTION TO CONTROLLER - INSTALLED IN PHASE 1.
18. ETHERNET COMMUNICATION CABLE PATH TO DATA CLOSET.
19. 1" SCH 40 CONDUIT TO GROUNDING KIT PH ?
20. GROUNDING KIT PER DETAIL A, SHEET L6. PH ?
21. BLOCK WALL, BY OTHERS
22. 1" SCH 40 CONDUIT FROM CONTROLLER TO BOOSTER PUMP - INSTALLED IN PH1.
23. 1" SCH 40 CONDUIT FROM CONTROLLER TO SUB-METER PULSE OUTPUT- INSTALLED IN PH1.
24. 2" THICK LAYER OF ¾" CRUSHED GRAVEL- INSTALLED IN PH1.
25. 25 GALLON FERTIGATION UNIT
26. 1" AIR RELEASE AND VACUUM BREAKER VALVE
27. 1" NORMALLY CLOSED MASTER VALVE (LOW FLOW)
28. 1" FLOW SENSOR- (LOW FLOW)
29. 2½" GATE VALVE
30. 2½" IRRIGATION MAINLINE- REFER TO THESE PLANS FOR MAINLINE ROUTING.

VALVE IDENTIFICATION KEY

VALVE STATION NUMBER — VALVE G.P.M.
VALVE SIZE — DRIP — SYSTEM DESCRIPTION

POINT-OF-CONNECTION INFO

3" SUB METER- INSTALLED IN PH 1
3" RP BFP BACKFLOW PREVENTER- INSTALLED IN PH 1
CONTROLLER- INSTALLED IN PH 1- (22 STATIONS USED)
MAXIMUM FLOW DEMAND- 145 GPM
STATIC WATER PRESSURE- 70 PSI OBTAINED FROM EAST NILES COMMUNITY SERVICES DISTRICT
(661) 871-2011

NOTES

REFER TO SHEET L4 AND L5 FOR SHRUB IRRIGATION PLANS.

REFER TO SHEET L6 FOR IRRIGATION LEGEND, NOTES AND CALCULATIONS.

REFER TO SHEET L7, L8 & L9 FOR IRRIGATION DETAILS.

RIOS DESIGN STUDIO
LANDSCAPE ARCHITECTURE & DESIGN
3805 ORA VISTA AVENUE
BAKERSFIELD, CALIFORNIA
93309
P: 661.835.9259
F: 661.367. 5284

REGISTERED LANDSCAPE ARCHITECT — JAIME RIOS No. 2979 — Signature — SEPTEMBER 30,2018 — Expiration Date — STATE OF CALIFORNIA

ORDIZ MELBY ARCHITECTS, INC.
5500 MING AVENUE SUITE 280
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE (661) 832-5258
FACSIMILE (661) 832-4291

LICENSED ARCHITECT — WILLIAM JOHN MELBY — No. C- 16835 — DECEMBER 31, 2017 RENEWAL DATE — STATE OF CALIFORNIA

LICENSED ARCHITECT — DANNY ESPINEL ORDIZ — No. C- 14728 — MAY 31, 2019 RENEWAL DATE — STATE OF CALIFORNIA

DANNY E. ORDIZ, AIA
ARCHITECT C-14728

WILLIAM J. MELBY, AIA
ARCHITECT C-16835

IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 03-117596
FILE # 15-6
AC FLS SS
DATE SEP 25 2017

PIONEER DRIVE

PARK DRIVE

(E) BLDG 'A' MULTI-PURPOSE A# 03-18096, 03-53218 CERTIFICATION #1

(E) WOMEN A# 03-18096

(E) MEN A# 03-18096

(E) BLDG 'C' PRIMARY CLASSROOM WING A# 03-18096, 03-53218 #1 ...PANCY

(E) BLDG 'D' PRIMARY CLASSROOM WING A# 03-18096, 03-53218 CERTIFICATION #1 TYPE V, E-OCCUPANCY

PART OF A SEPARATE SUBMITTAL — R-11, R-12, R-13, R-14, R-15, R-16, R-17, R-18

(E) RESTROOM R-26 PART OF A SEPARATE SUBMITTAL

LINE SURGE PROTECTION, TYP.

POINT OF CONNECTION- SEE ENLARGEMENT A ON THIS SHEET.

EXISTING 4" IRRIGATION MAINLINE TIES INTO THE IRRIGATION MAINLINE INSTALLED IN PHASE 1,.

EXISTING 4" IRRIGATION MAINLINE INSTALLED IN PHASE 2.

EXISTING 4" IRRIGATION MAINLINE CONTINUES ON TO SERVE THE CONTROL VALVES INSTALLED IN PHASE 2.

LANDSCAPE AREA INSTALLED DURING PHASE 2

LANDSCAPE AREA INSTALLED DURING PHASE 1

MATCHLINE, SEE SHEET L3

SCALE: 1"=20'

MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL FOR:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET BAKERSFIELD CA 93305

PTN: 63321-186

MARK	DATE	DESCRIPTION
.	11/01/16	DSA SUBMITTAL.
1		
2		
3		
4		
5		

JOB NUMBER:
2015-1663
CAD DRAWING FILE:
1663 VOORHIES MOD- 300 & 400 Classroom Wings -CD18.pln

DRAWN BY:
JR
CHECKED BY:
MER
CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT.

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SHEET TITLE
PHASE 3
TREE AND TURF IRRIGATION PLAN

SHEET IDENTIFICATION NUMBER
L2

7/17/17

PATHNAME: G:\Jobs 1651-1700\2015\1663\Drawings\CD\1663 VOORHIES MOD- 300 & 400 Classroom Wings -CD18.pln
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PLOT DATE: 7/17/2017