

## APPENDIX 2

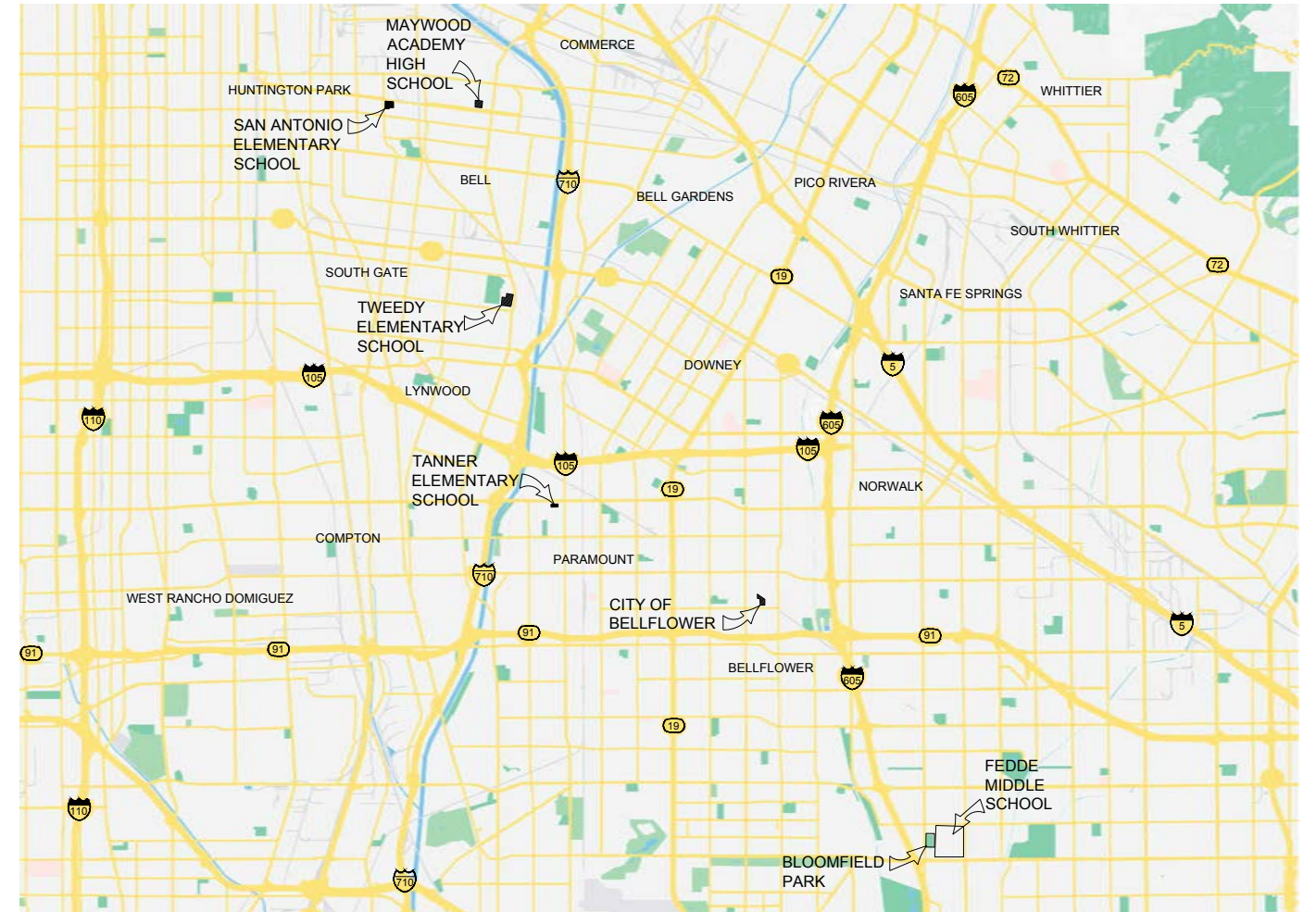


Central Basin  
Municipal Water District

# CONSTRUCTION DRAWINGS FOR PROP 1 RECYCLED WATER CUSTOMER CONVERSION FOR DISADVANTAGED COMMUNITIES

APRIL 2024

PROJECT NO. REX 1007  
SPECIFICATION NO. CB-05-82



DRAWING INDEX		
SHEET NO.	PROJECT SITE	DESCRIPTION
1		TITLE SHEET, VICINITY MAP, LOCATION MAP, AND DRAWING INDEX
2		GENERAL/CONSTRUCTION NOTES, LEGENDS, ABBREVIATIONS, AND CONTACTS
3	CITY OF BELLFLOWER	EXISTING SITE PLAN
4	CITY OF BELLFLOWER	CONVERSION PLAN
5	CITY OF BELLFLOWER	CONSTRUCTION DETAILS
6	TWEEDY ELEMENTARY	EXISTING SITE PLAN
7	TWEEDY ELEMENTARY	CONVERSION PLAN
8	TWEEDY ELEMENTARY	CONSTRUCTION DETAILS
9	SAN ANTONIO ELEMENTARY	EXISTING SITE PLAN
10	SAN ANTONIO ELEMENTARY	CONVERSION PLAN
11	SAN ANTONIO ELEMENTARY	CONSTRUCTION DETAILS
12	TANNER ELEMENTARY	EXISTING SITE PLAN
13	TANNER ELEMENTARY	CONVERSION PLAN
14	TANNER ELEMENTARY	CONSTRUCTION DETAILS
15	MAYWOOD ELEMENTARY	EXISTING SITE PLAN
16	MAYWOOD ELEMENTARY	CONVERSION PLAN/INDEX MAP
17	MAYWOOD ELEMENTARY	CONVERSION PLAN
18	MAYWOOD ELEMENTARY	CONVERSION PLAN
19	FEDDE MIDDLE SCHOOL	EXISTING SITE PLAN
20	FEDDE MIDDLE SCHOOL	CONVERSION PLAN
21	FEDDE MIDDLE SCHOOL	CONSTRUCTION DETAILS
22	BLOOMFIELD PARK	EXISTING SITE PLAN
23	BLOOMFIELD PARK	CONVERSION PLAN
24	BLOOMFIELD PARK	CONSTRUCTION DETAILS
25		LACDPH REQUIREMENTS AND LAUSD RECYCLED WATER GENERAL NOTES
26		DETAILS

#### SITES ADDRESSES:

- SITE #1: CITY OF BELLFLOWER  
16600 CIVIC CENTER DR  
BELLFLOWER, CA 90706
- SITE #2: TWEEDY ELEMENTARY SCHOOL  
9724 PINEHURST AVENUE  
SOUTH GATE, CA 90280
- SITE #3: SAN ANTONIO ELEMENTARY SCHOOL  
6222 STATE STREET  
HUNTINGTON PARK, CA 90255
- SITE #4: TANNER ELEMENTARY SCHOOL  
7210 ROSECRANS BLVD  
PARAMOUNT, CA 90723
- SITE #5: MAYWOOD ACADEMY HIGH SCHOOL  
6215 PINE AVENUE  
MAYWOOD, CA 90270
- SITE #6: FEDDE ELEMENTARY SCHOOL  
21409 ELAINE AVE, HAWAIIAN  
GARDENS, CA 90716
- SITE #7: BLOOMFIELD PARK  
21420 PIONEER BLVD,  
LAKEWOOD, CA 90715

REV	DESCRIPTION	ENGR	DATE	APPD	DATE	PROGRESS: 1ST SUBMITTAL
						SUBMITTAL DATE: ----
						PROJECT MANAGER: JM
						DESIGNED BY: CM
						DRAWN BY: JH, RM
						CHECKED BY: JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

TITLE SHEET, VICINITY MAP, GENERAL  
NOTES, AND DRAWING INDEX


DRAWING NO. <b>C-1</b>
SHT NO. <u>1</u> OF <u>26</u>

GENERAL NOTES

- 1.THE INSTALLATION OF THE ONSITE RECYCLED IRRIGATION SYSTEM SHALL CONFORM TO LOS ANGELES COUNTY RECYCLED WATER USER MANUAL (LATEST EDITION)  
[HTTPS://WWW.LACSD.ORG/SERVICES/WASTEWATER-PROGRAMS-PERMITS/WATER-REUSE-PROGRAM/USER-REQUIREMENTS-FORMS-AND-HANDBOOK](https://www.lacsd.org/services/wastewater-programs-permits/water-reuse-program/user-requirements-forms-and-handbook)
- THE STANDARD SPECIFICATIONS FOR THE PUBLIC WORKS CONSTRUCTION LATEST EDITION AND SUPPLEMENTS THERETO, AS WRITTEN AND PROMULGATED BY THE PUBLIC WORKS STANDARDS, INC., AND TO THE UNIFORM PLUMBING CODE FOR ALL LANDSCAPE IRRIGATION DESIGN AND INSTALLATION.
- 2.A CENTRAL BASIN MUNICIPAL WATER DISTRICT (CBMWD) REPRESENTATIVE SHALL BE NOTIFIED 3 BUSINESS DAYS PRIOR TO THE START OF ANY CONSTRUCTION.
- 3.EXISTING UNDERGROUND UTILITIES ARE SHOWN PER AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO VERIFY AND DOCUMENT ON RECORD DRAWINGS THE ACTUAL LOCATION AND ELEVATIONS IN THE FIELD OF ALL UTILITIES AND ALL POINTS OF CONNECTION. THE FIELD VERIFICATION (POTHOLING) SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF ANY MODIFICATIONS TO THE IRRIGATION SYSTEM AND CONNECTION TO THE METER.
- 4.THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2500 AND ALL PUBLIC UTILITY COMPANIES AND OWNERS OF ALL PRIVATE FACILITIES AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY WORK WITHIN SAID AREA.
- 5.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, VERIFY DEPTH AND PROTECT ALL STRUCTURES, INCLUDING SUBSTRUCTURES, SHOWN ON THE PLANS. THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF REPAIRING OR REPLACING ANY OF SAID STRUCTURES DAMAGED BY HIM/ HER DURING PROSECUTION OF THE WORK. ALL REPAIRS AND REPLACEMENTS SHALL BE DONE IN THE PRESENCE OF CBMWD REPRESENTATIVE.
- 6.PERMIT (LA COUNTY PUBLIC HEALTH, CITY PLUMBING PERMIT), FEES, ETC. THE CONTRACTOR SHALL ARRANGE AND PAY FOR NECESSARY CITY BUILDING PERMITS AND CITY FEES.
- 7.CONTRACTOR SHALL RESTORE SITE AND VEGETATION TO PRE-CONSTRUCTION CONDITIONS AT THE END OF THE PROJECT PER OWNER'S REPRESENTATIVE APPROVAL. CONTRACTOR SHALL VIDEOTAPE THE PROJECT SITE PRIOR TO THE STARTING OF CONSTRUCTION.
- 8.ALL NEW REMOTE CONTROL VALVES, GATE VALVES AND PRESSURE RELIEF VALVES SHALL BE INSTALLED IN SUITABLE VALVE BOXES COMPLETE WITH LOCKING AND HINGED COVERS. EACH SHALL BE MARKED WITH 'RW' TO INDICATE THE USE OF RECYCLED WATER. THE STATION NUMBER FOR CONTROL VALVES SHALL BE IDENTIFIED WITH AN I.D. TAG.
- 9.QUICK COUPLERS AND ELECTRICAL CONTROLLERS SHALL BE IDENTIFIED WITH THE PROPER SIGNAGE. QUICK COUPLERS SHALL BE NEW 1" ACME THREADED AND INSTALLED IN PURPLE VALVE BOXES.
- 10.RECYCLED WATER SIGNS SHALL BE INSTALLED AT LOCATIONS AGREEABLE TO THE CITY, CBMWD AND LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH AS SHOWN ON PLANS. SIGNS MAY BE MOUNTED ON POLES, ATTACHED TO EXISTING FENCES, BUILDINGS OR EXISTING POLE MOUNTED SIGNS.
11. ALL CONCRETE SHALL BE 560-C-3250 UNLESS OTHERWISE SPECIFIED.
- 12.PRIOR TO DELIVERING RECYCLED WATER TO THE PROPERTY, A SUCCESSFUL CROSS CONNECTION TEST WILL BE REQUIRED. THE FOLLOWING AGENCIES MAY BE PARTICIPATING IN THE TESTS: CITY WATER PURVEYOR, LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH, AND CBMWD. THE CONTRACTOR WILL BE REQUIRED TO SEQUENCE THEIR WORK TO ALLOW FOR THE CROSS CONNECTION TEST PRIOR TO PERFORMING THE DISCONNECTION OF THE POTABLE WATER AND CONNECTION OF THE RECYCLED WATER TO THE EXISTING IRRIGATION SYSTEM. THE CONTRACTOR SHALL PLAN TO PROVIDE 8 HOURS OF LABOR TO ASSIST DURING TESTING.
- 13.THIS SYSTEM IS DIAGRAMMATIC, ALL PIPE, VALVE, ETC. SHOWN ARE DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
- 14.DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS INDICATED ON THE DRAWINGS WHEN ITS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADE DIFFERENCE EXIST AND SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR REVISIONS NECESSARY.
- 15.QUALITY CONTROL OBSERVATION SEQUENCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 16.CLEAN-UP CONTROL OBSERVATION SEQUENCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 17.WORKING HOURS SHALL BE PER CITY.
- 18.CONTRACTOR TO REMOVE ABANDONED ROTARY HEADS AND VALVES. EXISTING LATERALS MAY BE ABANDONED IN PLACE.
- 19.CONTRACTOR TO CONTACT THE PROJECT MANAGER, CBMWD AND LOS

- ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH PRIOR TO START OF CONSTRUCTION FOR A PRE-CONSTRUCTION MEETING. ALLOW 48 HOURS LEAD TIME.
- 20.CONTRACTOR TO CONTACT THE PROJECT MANAGER, CBMWD AND LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH FOR SITE INSPECTIONS OF ALL ONSITE WATER FACILITIES BEFORE BURIED. INSPECTION REQUEST SHALL BE MADE A MINIMUM OF 24 HOURS IN ADVANCE OF INSPECTION OF IRRIGATION, DOMESTIC AND FIRE WATER USE ONSITE.
- 21.CONTRACTOR SHALL REPAIR ANY BROKEN IRRIGATION LINES WITHIN THE AREA OF WORK AS A RESULT OF CONSTRUCTION ACTIVITIES. ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH SOD TO THE SATISFACTION OF THE OWNER.

GENERAL CONSTRUCTION NOTES

- 1.INSTALL RECYCLED WATER IDENTIFICATION SIGN (T CHRISTY SKU: ID-SIGN4) AT LOCATIONS AS SHOWN BY 
- 2.RECYCLED WATER IRRIGATION VALVES AND QUICK COUPLERS SHALL HAVE PURPLE RECYCLED WATER ID TAG (T CHRISTY SKU: ID-MAX-P2-RC007) AFFIXED TO DEVICE
- 3.ALL IRRIGATION BOXES SHALL HAVE RECYCLED WATER VALVE BOX NAMEPLATE ( T CHRISTY SKU: 3800) INSTALLED ON THE LID.
- 4.REPLACE QUICK COUPLER WITH NEW 1-INCH ACME THREAD STYLE COUPLER WITH PURPLE LOCKING COVER (RAINBIRD 33DNP). INSTALL QUICK COUPLER IN A NEW PURPLE 10-INCH ROUND VALVE BOX.
- 5.REMOVE CONTROL VALVES ARE NOT TO BE REPLACED.

SPECIAL NOTES: AS-BUILTS

SPECIAL REQUIREMENTS FOR AS-BUILT INFORMATION:

THE AS-BUILT BASE PLANS PROVIDED AFTER EACH STAKING VISIT SHALL BE USED FOR RECORDING THE AS-BUILT INFORMATION. THIS INFORMATION SHALL BE MAINTAINED DAILY DURING CONSTRUCTION AND SHALL BE AVAILABLE ON SITE AT ALL TIMES. THE AS-BUILT PLAN SHALL BE SUBMITTED MONTHLY FOR THE AREA COMPLETED ALONG WITH THE PROGRESS PAYMENT REQUEST.

CONTACT THE ENGINEER WITH ANY QUESTIONS REGARDING THE RECORDING OF THE AS-BUILT INFORMATION.

IF NECESSARY CONTRACTOR SHALL PROVIDE FLAGGING OF ALL SPRINKLER HEADS AND VALVES PRIOR TO CONSTRUCTION AND SHALL RECORD THESE VALVES ON THE AS-BUILTS.















ABBREVIATIONS

CBMWD	CENTRAL BASIN MUNICIPAL WATER DISTRICT
DDW	STATE WATER RESOURCES CONTROL BOARD DIVISION OF DRINKING WATER
DW	DOMESTIC WATER
EX	EXISTING
LACSD	LOS ANGELES COUNTY SANITATION DEPARTMENT
LACDPH	LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NPW	NON-POTABLE WATER
OWNER	CUSTOMERS LISTED UNDER CONTRACTS
PRV	PRESSURE REDUCING VALVE
RPPD	REDUCED PRESSURE PRINCIPAL DEVICE
RW	RECYCLED WATER
SCH	SCHEDULE
STA	STATION
TYP	TYPICAL










CONTACTS

- SITE#1 SUPERVISOR: CITY OF BELLFLOWER  
16600 CIVIC CENTER DR  
BELLFLOWER, CA 90706  
(562) 804-1424
- SITE#1 WATER PURVEYOR: BELLFLOWER-SOMERSET MUTUAL WATER COMPANY  
10016 FLOWER STREET  
BELLFLOWER, CA 90706  
(562) 866-9980
- SITE#2 SUPERVISOR: TWEEDY ELEMENTARY SCHOOL  
9724 PINEHURST AVENUE  
SOUTH GATE, CA 90280  
(323) 568-2828
- SITE#2 WATER PURVEYOR: CITY OF SOUTH GATE  
8650 CALIFORNIA AVE  
SOUTH GATE, CA 90280  
(323) 563-9500
- SITE#3 SUPERVISOR: SAN ANTONIO ELEMENTARY SCHOOL  
6222 STATE STREET  
HUNTINGTON PARK, CA 90255  
(323) 582-1250
- SITE#3 WATER PURVEYOR: CITY OF HUNTINGTON PARK  
6550 MILES AVE  
HUNTINGTON PARK, CA 90255  
(323) 584-6277
- SITE#4 SUPERVISOR: TANNER ELEMENTARY SCHOOL  
7210 ROSECRANS BLVD  
PARAMOUNT, CA 90723  
(323) 582-1250
- SITE#4 WATER PURVEYOR: CITY OF PARAMOUNT  
16400 COLORADO AVE  
PARAMOUNT, CA 90723  
(562) 220-2010
- SITE#5 SUPERVISOR: MAYWOOD ACADEMY HIGH SCHOOL  
6215 PINE AVENUE  
MAYWOOD, CA 90270  
(323) 838-6000
- SITE#5 WATER PURVEYOR: CITY OF HUNTINGTON PARK  
6550 MILES AVE  
HUNTINGTON PARK, CA 90255  
(323) 584-6277
- SITE#6 SUPERVISOR: FEDDE MIDDLE SCHOOL  
21409 ELAINE AVE  
HAWAIIAN GARDENS, CA 90716  
(562) 229-7805
- SITE#6 WATER PURVEYOR: GOLDEN STATE WATER COMPANY  
630 E. FOOTHILL BOULEVARD  
SAN DIMAS, CA 91773  
(800) 999-4033
- SITE#7 SUPERVISOR: BLOOMFIELD PARK  
21420 PIONEER BLVD  
LAKEWOOD, ACA 90715  
(562) 865-1717
- SITE#7 WATER PURVEYOR: GOLDEN STATE WATER COMPANY  
630 E. FOOTHILL BOULEVARD  
SAN DIMAS, CA 91773  
(800) 999-4033






LEGEND

-  EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
-  EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
-  EXISTING DOMESTIC IRRIGATION MAIN LINE
-  EXISTING RECYCLED WATER IRRIGATION MAIN LINE
-  EXISTING RECYCLED WATER MAIN LINE
-  NEW RECYCLED WATER IRRIGATION MAIN LINE
-  EXISTING FIRE PROTECTION SERVICE MAIN LINE
-  LIMIT OF WORK
-  G EXISTING GAS LINE
-  SS EXISTING SEWER LINE
-  SD EXISTING STORM DRAIN LINE
-  RIGHT OF WAY
-  x PERIMETER FENCE
-  PROPOSED RW IRRIGATION AREAS












EXISTING NPW IRRIGATION EQUIPMENT

-  QUICK COUPLING VALVE
-  REMOTE CONTROL VALVE
-  24 STATION IRRIGATION CONTROLLER
-  MAINLINE GATE VALVE - RESILIENT WEDGE
-  PRESSURE REGULATING RELIEF VALVE
-  RPPD BACKFLOW PREVENTER
-  WATER METER
-  FLOW SENSOR ASSEMBLY
-  ATMOSPHERIC VACCUM BREAKER OR PRESSURE VACUUM BREAKER

EXISTING DW EQUIPMENT

-  RPPD BACKFLOW PREVENTER
-  WATER METER
-  DRINKING FOUNTAIN
-  WATER PUMP
-  HOSE BIBB IN WALL

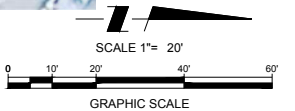
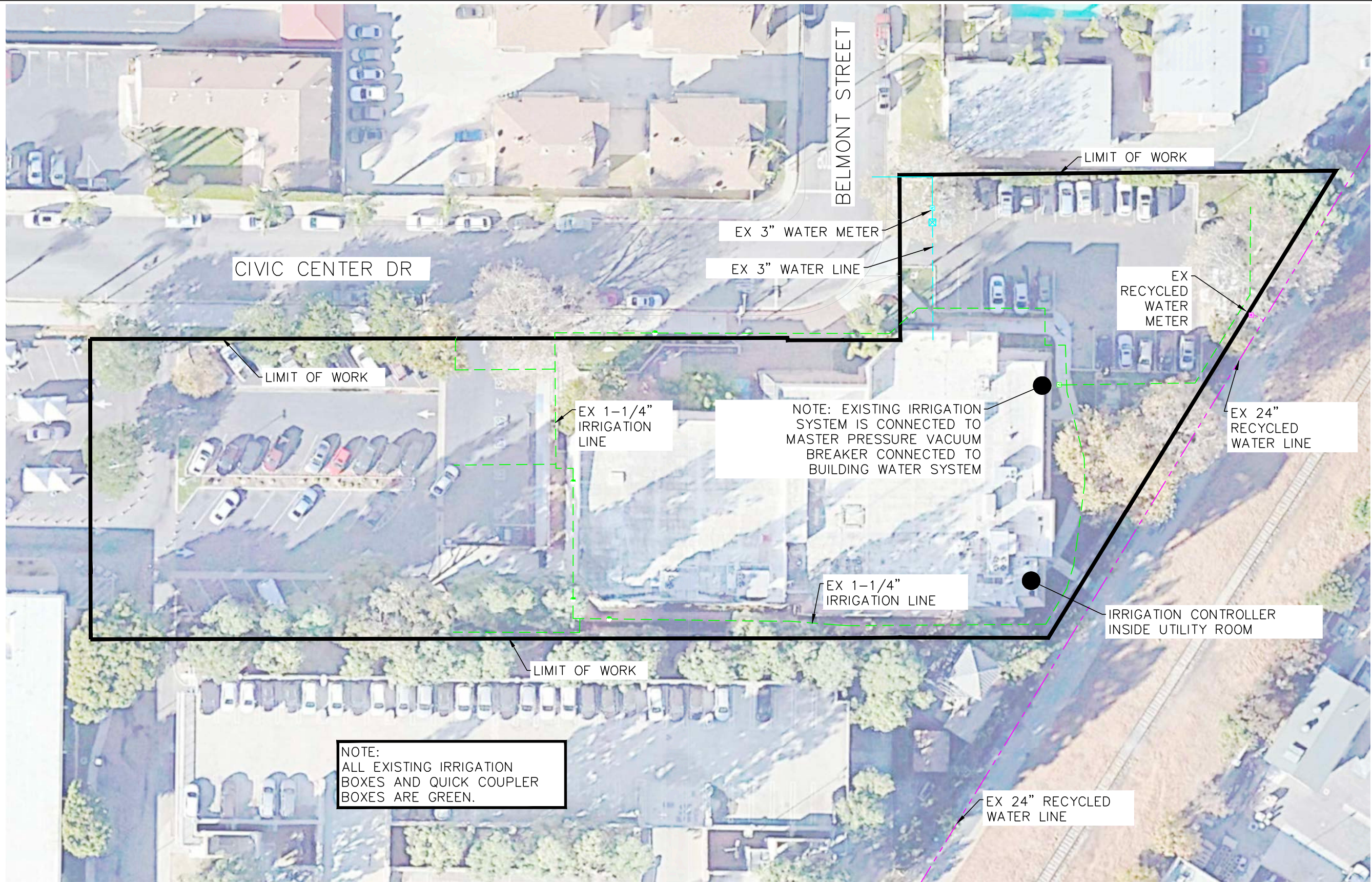
NEW RW IRRIGATION EQUIPMENT

-  QUICK COUPLING VALVE
-  REMOTE CONTROL VALVE
-  MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
-  WATER METER
-  PRESSURE REDUCER
-  MASTER VALVE
-  FLOW SENSOR ASSEMBLY
-  RECYCLED WATER SIGN
-  WATER PUMP
-  RPPD BACK FLOW PREVENTOR
-  END CAP

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File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 03 BELLFLOWER EXIST.dwg Jul 09, 2024 - 4:28pm RachelWeiler



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

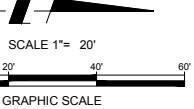
SITE #1: CITY OF BELLFLOWER  
16600 CIVIC CENTER DR BELLFLOWER, CA 90706  
EXISTING SITE PLAN

DRAWING NO.  
**C-3**

SHT NO. 3 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ON SITE\1432301 04 BELFLOWER PROP.dwg Jul 09, 2024 - 4:26pm RachelWeiler



REV	DESCRIPTION	ENGR	DATE	APPD	DATE	PROGRESS:
						1ST SUBMITTAL
						SUBMITTAL DATE: ----
						PROJECT MANAGER: JM
						DESIGNED BY: CM
						DRAWN BY: JH, RM
						CHECKED BY: JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

SITE #1: CITY OF BELLFLOWER  
CONVERSION PLAN

DRAWING NO.  
**C-4**

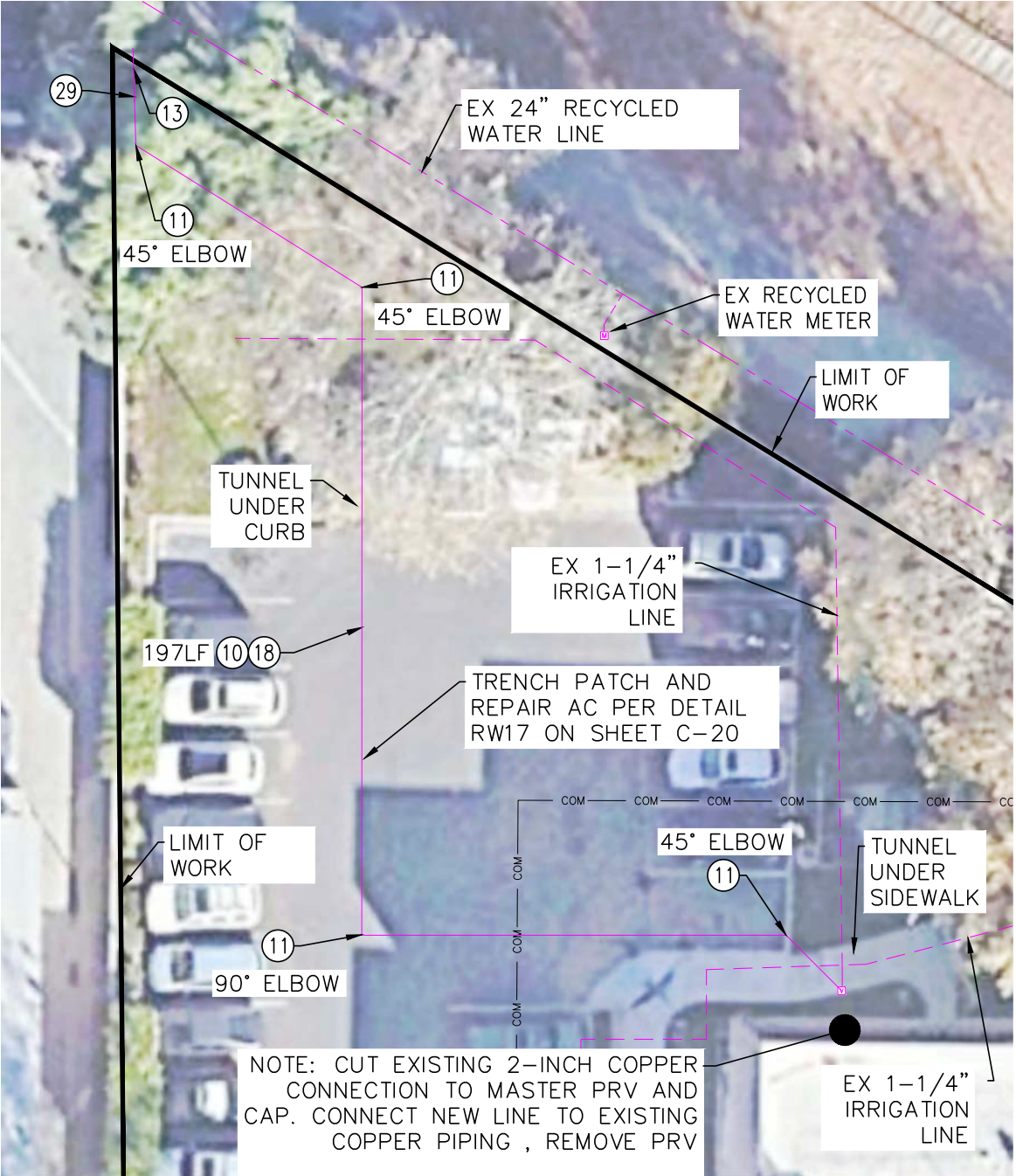
SHT NO. 4 OF 26



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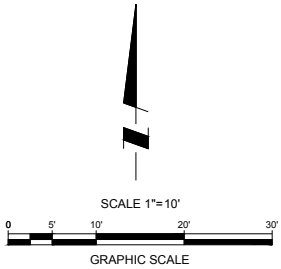
EXISTING METER DETAIL  
SCALE: 1"=10'



IRRIGATION MODIFICATION DETAIL  
SCALE: 1"=10'

CONSTRUCTION ITEMS

- ⑩ FURNISH AND INSTALL 1-1/4" PVC, SDR-40 PER MANUFACTURER'S SPECIFICATIONS
- ⑪ FURNISH AND INSTALL 1-1/4" BEND PER MANUFACTURER'S SPECIFICATIONS
- ⑬ REMOVE END CAP
- ⑱ PIPE TRENCHING AND BEDDING PER CBMWD STD. DWG RW17
- ⑳ FURNISH AND INSTALL 1-1/4" PRESSURE REDUCING VALVE (PRV) PER MANUFACTURER'S SPECIFICATIONS



		PROGRESS:		1ST SUBMITTAL	
		SUBMITTAL DATE:		----	
		PROJECT MANAGER:		JIM	
		DESIGNED BY:		CM	
		DRAWN BY:		JH,RM	
		CHECKED BY:		JM	
REV	DESCRIPTION	ENGR	DATE	APPD	DATE

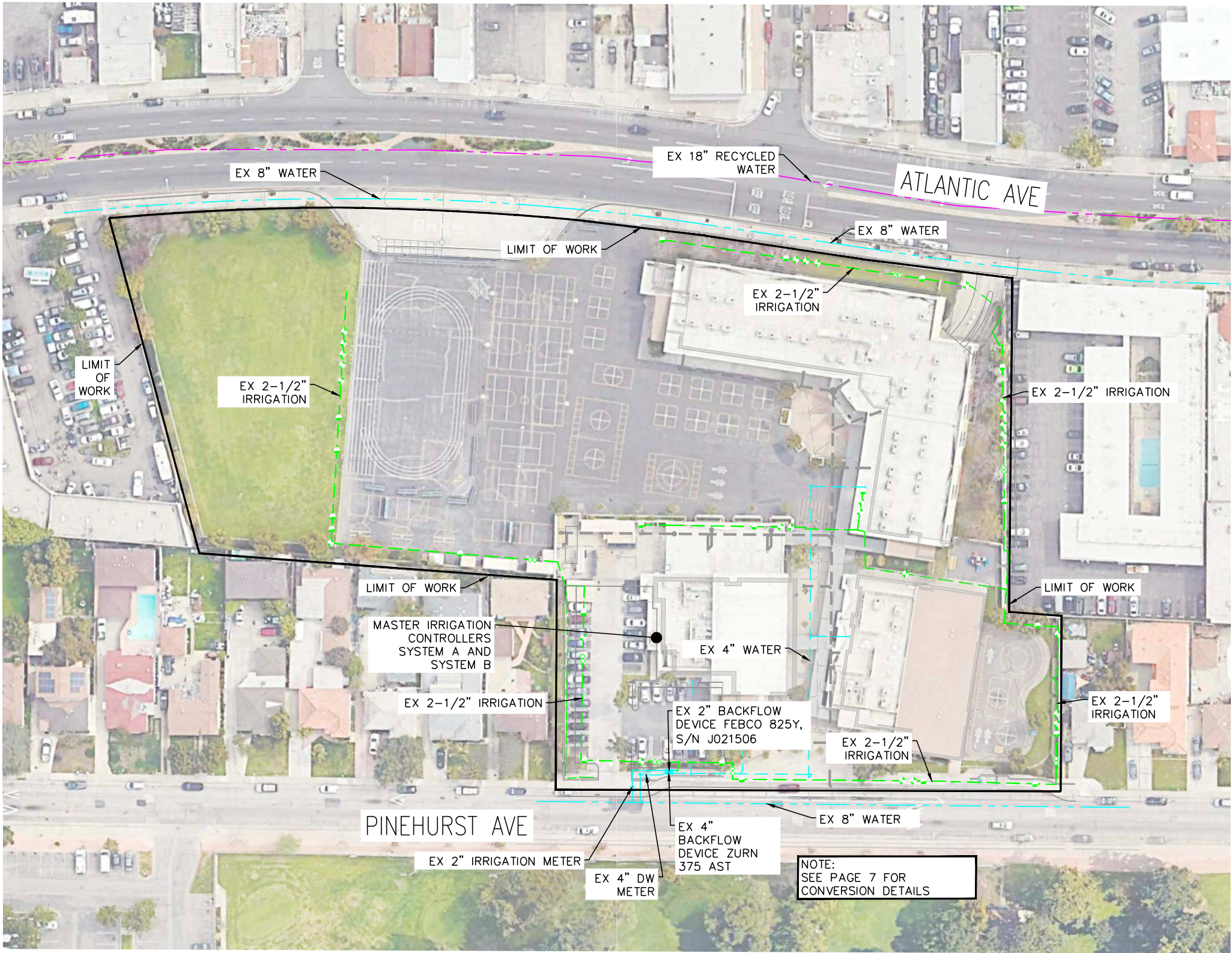


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #1: CITY OF BELLFLOWER  
CONSTRUCTION DETAIL

DRAWING NO.  
**C-5**  
SHT NO. 5 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301\_06\_TWEEDY EXIST.dwg Jul 09, 2024 - 4:23pm RachelWeiler



LEGEND

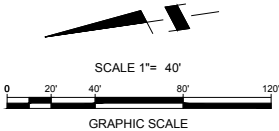
- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- FW EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- G EXISTING GAS LINE
- SS EXISTING SEWER LINE
- SD EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

EXISTING NPW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE, 1"
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUM BREAKER OR PRESSURE VACUUM BREAKER

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP



PROGRESS: 1ST SUBMITTAL				
SUBMITTAL DATE: ---				
PROJECT MANAGER: JM				
DESIGNED BY: CM				
DRAWN BY: JH,RM				
CHECKED BY: JM				
REV	DESCRIPTION	ENGR	DATE	APPD DATE



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #2: TWEEDY ELEMENTARY SCHOOL  
9724 PINEHURST AVENUE SOUTH GATE, CA 90280  
EXISTING SITE PLAN

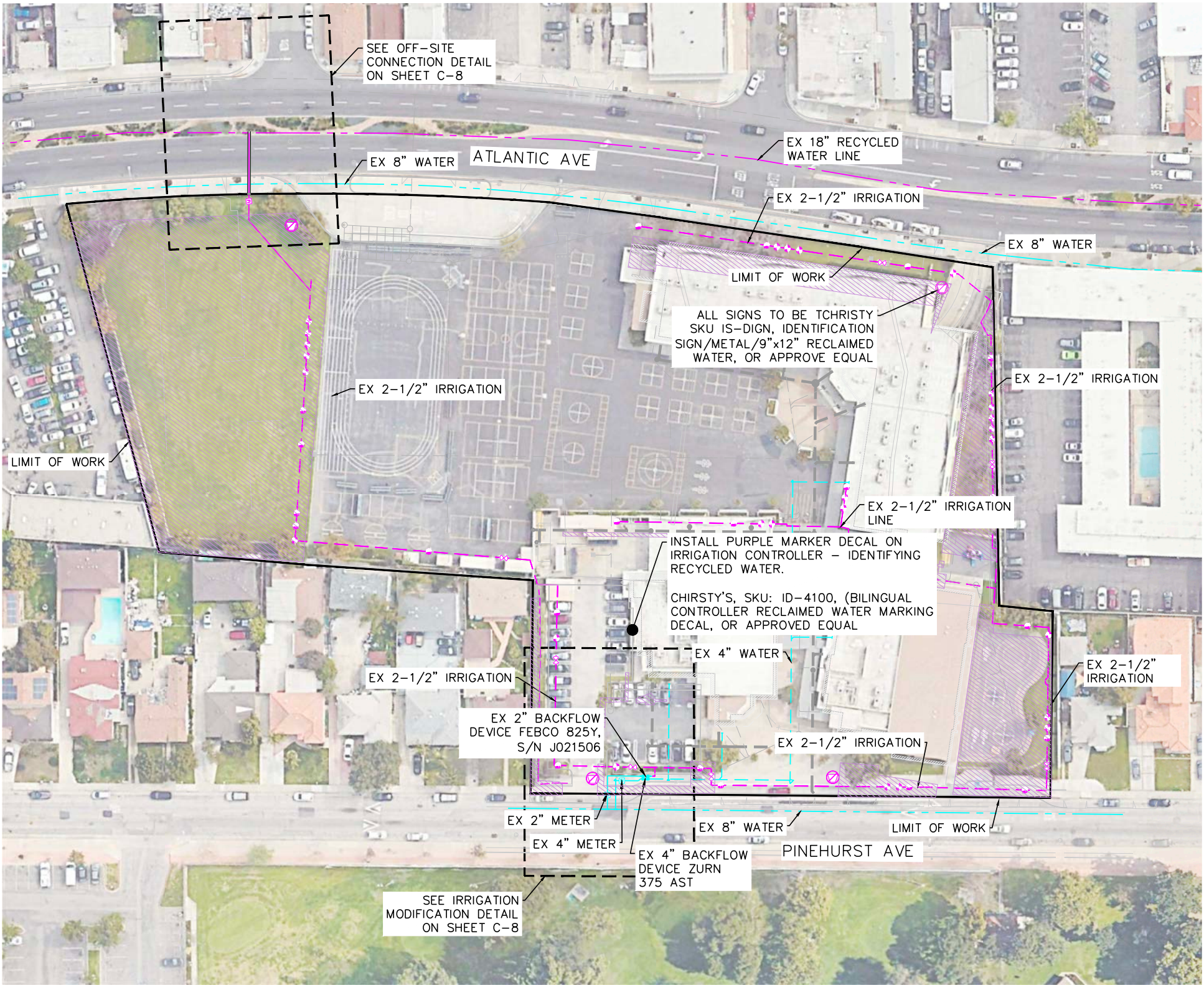
DRAWING NO.

C-6

SHT NO. 6 OF 26



File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 07 TWEEDY PROP.dwg Jul 09, 2024 - 4:19pm RachelMeiter



LEGEND

- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- FW EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- G EXISTING GAS LINE
- SS EXISTING SEWER LINE
- SD EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE
- PROPOSED RW IRRIGATION AREAS

EXISTING NPW IRRIGATION EQUIPMENT

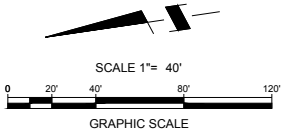
- QUICK COUPLING VALVE, 1"
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUUM BREAKER OR PRESSURE VACUUM BREAKER

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP

NEW RW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE, 1"
- REMOTE CONTROL VALVE
- MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
- WATER METER
- PRESSURE REDUCER
- MASTER VALVE
- FLOW SENSOR ASSEMBLY
- RECYCLED WATER SIGN
- WATER PUMP
- RPPD BACKFLOW PREVENTER
- END CAP



REV					PROGRESS:	1ST SUBMITTAL
					SUBMITTAL DATE:	----
					PROJECT MANAGER:	JM
					DESIGNED BY:	CM
					DRAWN BY:	JH, RM
					CHECKED BY:	JM
	DESCRIPTION	ENGR	DATE	APPD	DATE	



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #2: TWEEDY ELEMENTARY SCHOOL  
CONVERSION PLAN

DRAWING NO.  
**C-7**  
SHT NO. 7 OF 26





## EXISTING METER DETAIL

SCALE: 1"=10'



## IRRIGATION MODIFICATION

SCALE: 1"=10'

**NOTE** OFFSITE WORK DONE BY CONTRACTOR

## DEMOLITION ITEMS

- 7 DISCONNECT AND REMOVE EX 2-1/2" PVC PIPE
- 9 DISCONNECT AND REMOVE EX 2" BACKFLOW PREVENTOR
- 10 DISCONNECT AND REMOVE EX 2" WATER METER

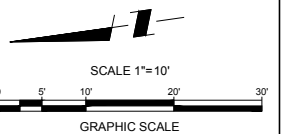
## CONSTRUCTION ITEMS

- (13) FURNISH AND INSTALL END CAP (SIZE PER PLAN)
- (18) PIPE TRENCHING AND BEDDING PER CBMWD STD. DWG RW17
- (19) FURNISH AND INSTALL 2-1/2" PVC, SDR-40 PER MANUFACTURER'S SPECIFICATIONS
- (26) FURNISH AND INSTALL 2-1/2" PVC, 45° ELBOW PER MANUFACTURER'S SPECIFICATIONS
- (31) FURNISH AND INSTALL 2-1/2" PVC TRANSITION FITTING PER MANUFACTURER'S SPECIFICATIONS



## OFF-SITE CONNECTION

SCALE: 1"=10'



								PROGRESS:	1ST SUBMITTAL
								SUBMITTAL DATE:	----
								PROJECT MANAGER:	JM
								DESIGNED BY:	CM
								DRAWN BY:	JH,RM
REV	DESCRIPTION	ENGR	DATE	APPD	DATE			CHECKED BY:	JM



PLANS PREPARED BY:



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

SITE #2: TWEEDY ELEMENTARY SCHOOL

## CONSTRUCTION DETAILS

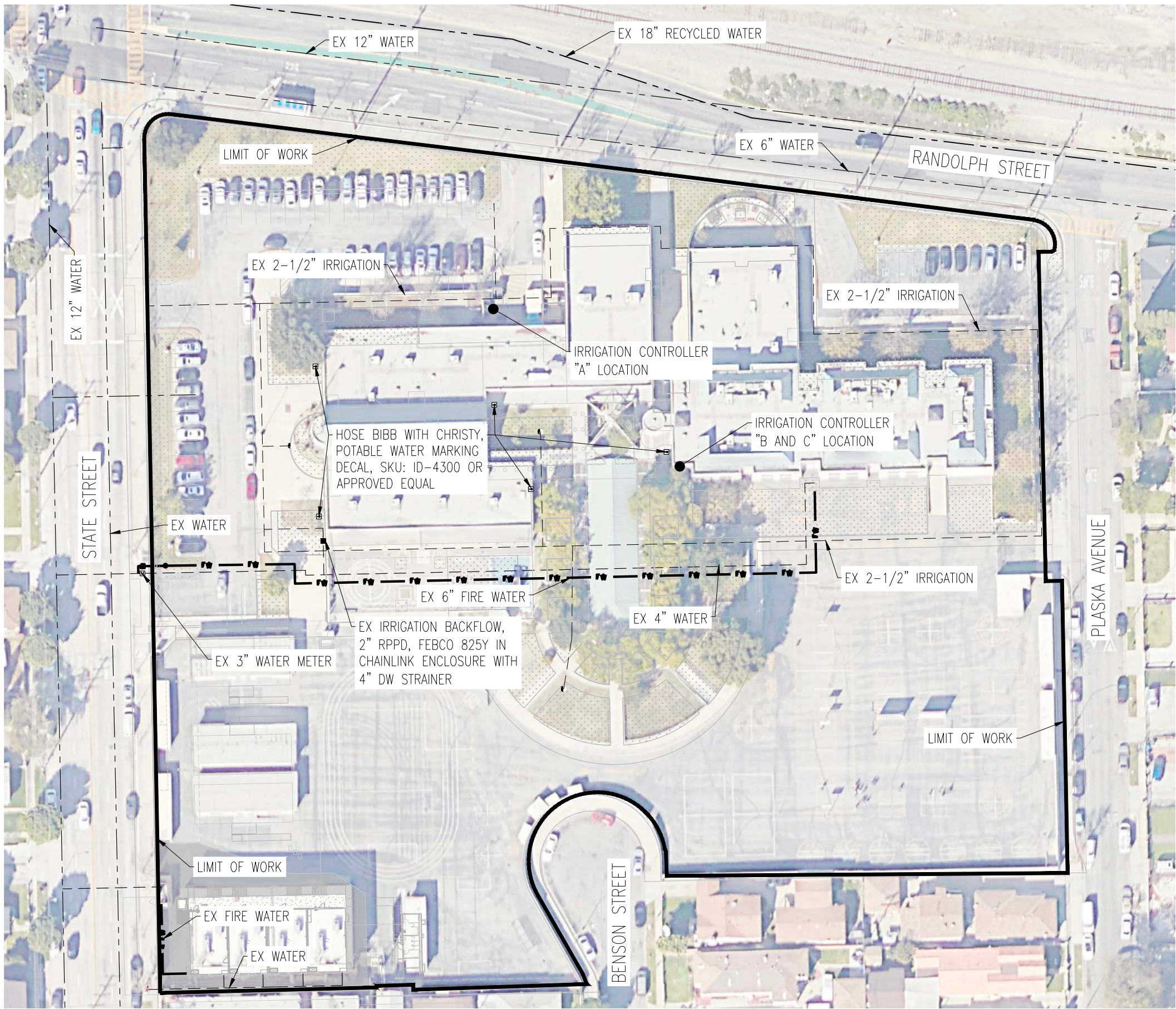
DRAWING NO.

C-8

SHOT NO. 8 OF 26



File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 09 SAN ANTONIO EXIST.dwg Jul 09, 2024 - 1:10pm RochellWelter



LEGEND

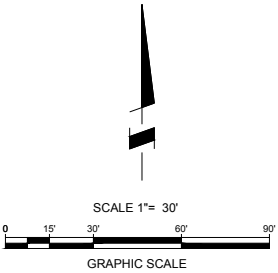
- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

SAMPLE EXISTING NPW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUUM BREAKER OR PRESSURE VACUUM BREAKER

SAMPLE EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL



		PROGRESS:		1ST SUBMITTAL	
		SUBMITTAL DATE:		---	
		PROJECT MANAGER:		JM	
		DESIGNED BY:		CM	
		DRAWN BY:		JH,RM	
		CHECKED BY:		JM	
REV	DESCRIPTION	ENGR	DATE	APPD	DATE

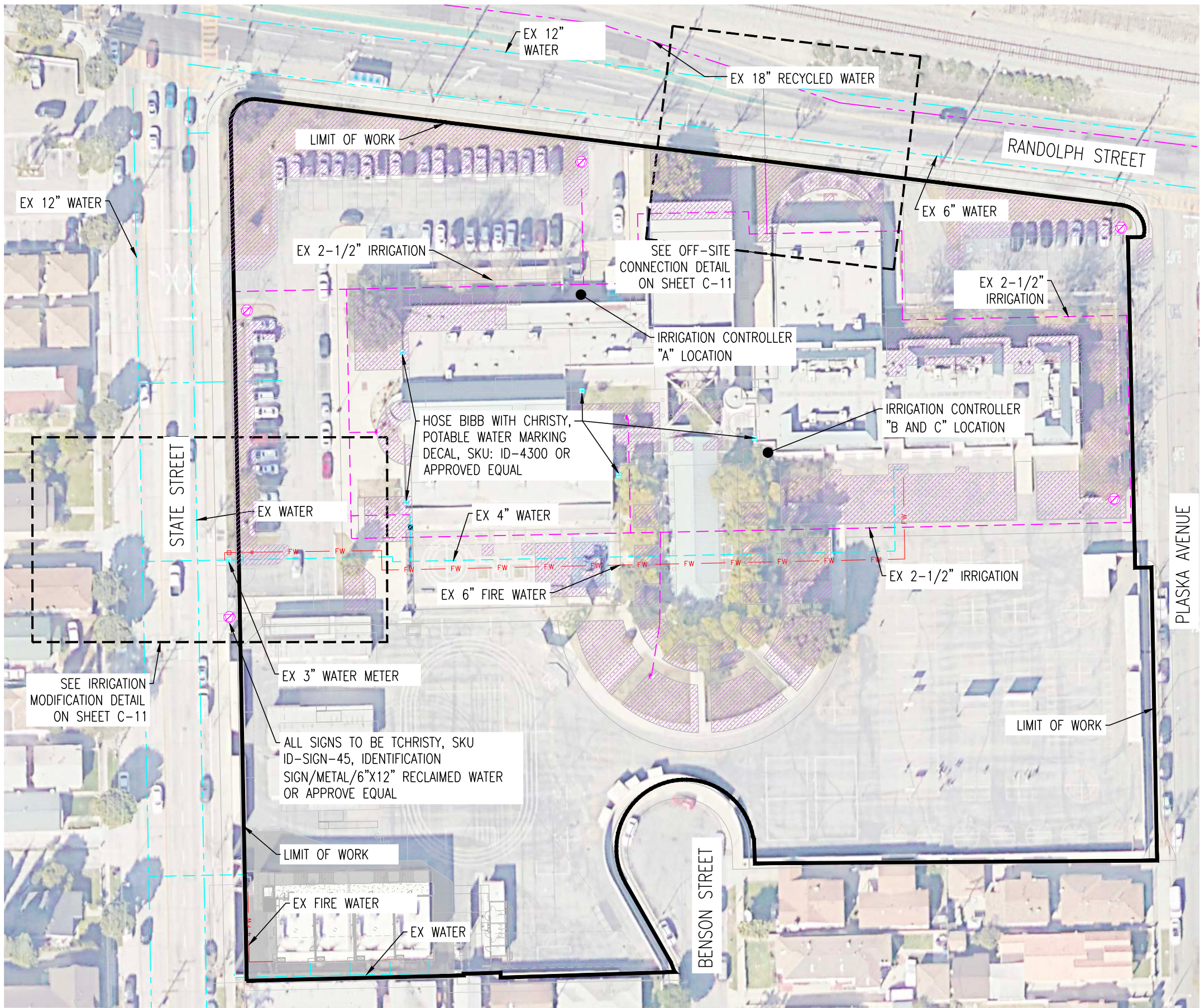


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #3: SAN ANTONIO ELEMENTARY SCHOOL  
6222 STATE STREET HUNTINGTON PARK, CA 90255  
EXISTING SITE PLAN

DRAWING NO.  
**C-9**  
SHT NO. 9 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 TO SAN ANTONIO PROP.dwg Jul 09, 2024 - 4:16pm RachelMeier



LEGEND

- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE
- PROPOSED RW IRRIGATION AREAS

SAMPLE EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL

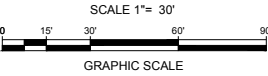
SAMPLE NEW RW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
- WATER METER
- PRESSURE REDUCER
- MASTER VALVE
- FLOW SENSOR ASSEMBLY
- RECYCLED WATER SIGN
- WATER PUMP
- RPPD BACKFLOW PREVENTER
- END CAP

NOTE: ALL EXISTING IRRIGATION ARE BOXES CONCRETE WITH CAST LIDS. QUICK COUPLERS TO BE REPLACED WITH ACME THREAD QUICK COUPLERS WITH PURPLE HEADS OF EQUIVALENT SIZE. QUICK COUPLERS TO BE RETROFITTED WITH PURPLE VALVE BOXES, NDS, PART NO. 107PBCR, 6" ROUND BOX WITH ROUND OVERLAPPING COVER - RECLAIMED WATER PURPLE/PURPLE.

ALL CAST IRON CONTROL VALVE BOX LIDS TO BE PRIMED AND PAINTED PURPLE.

ALL CONTROL VALVES AND QUICK COUPLERS TO BE TAGGED WITH RECYCLED WATER TAG, CHRISTY'S, SKU: ID-MAX-P1-RC008, OR APPROVED EQUAL.



PROGRESS: 1ST SUBMITTAL				
SUBMITTAL DATE: ---				
PROJECT MANAGER: JM				
DESIGNED BY: CM				
DRAWN BY: JH, RM				
CHECKED BY: JM				
REV	DESCRIPTION	ENGR	DATE	APPD DATE

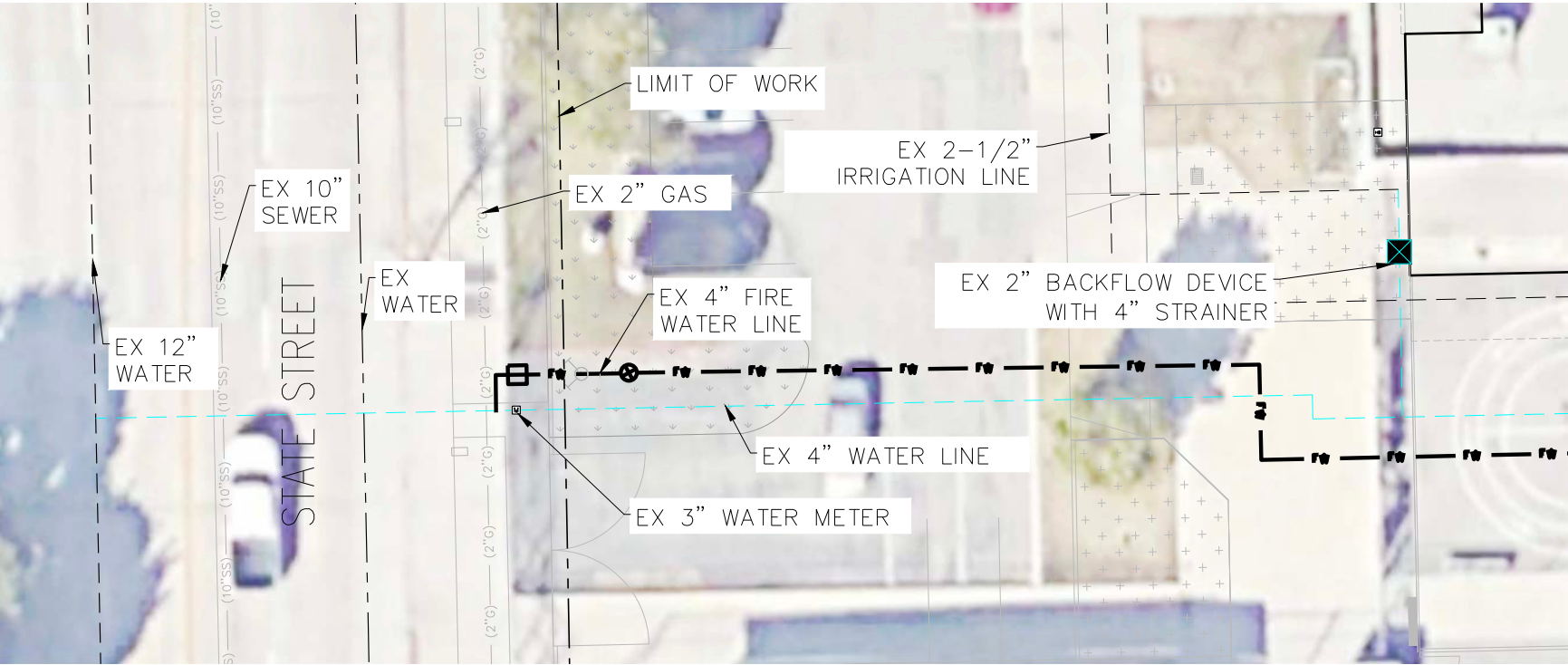


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #3: SAN ANTONIO ELEMENTARY SCHOOL  
CONVERSION PLAN

DRAWING NO.  
**C-10**  
SHT NO. 10 OF 26

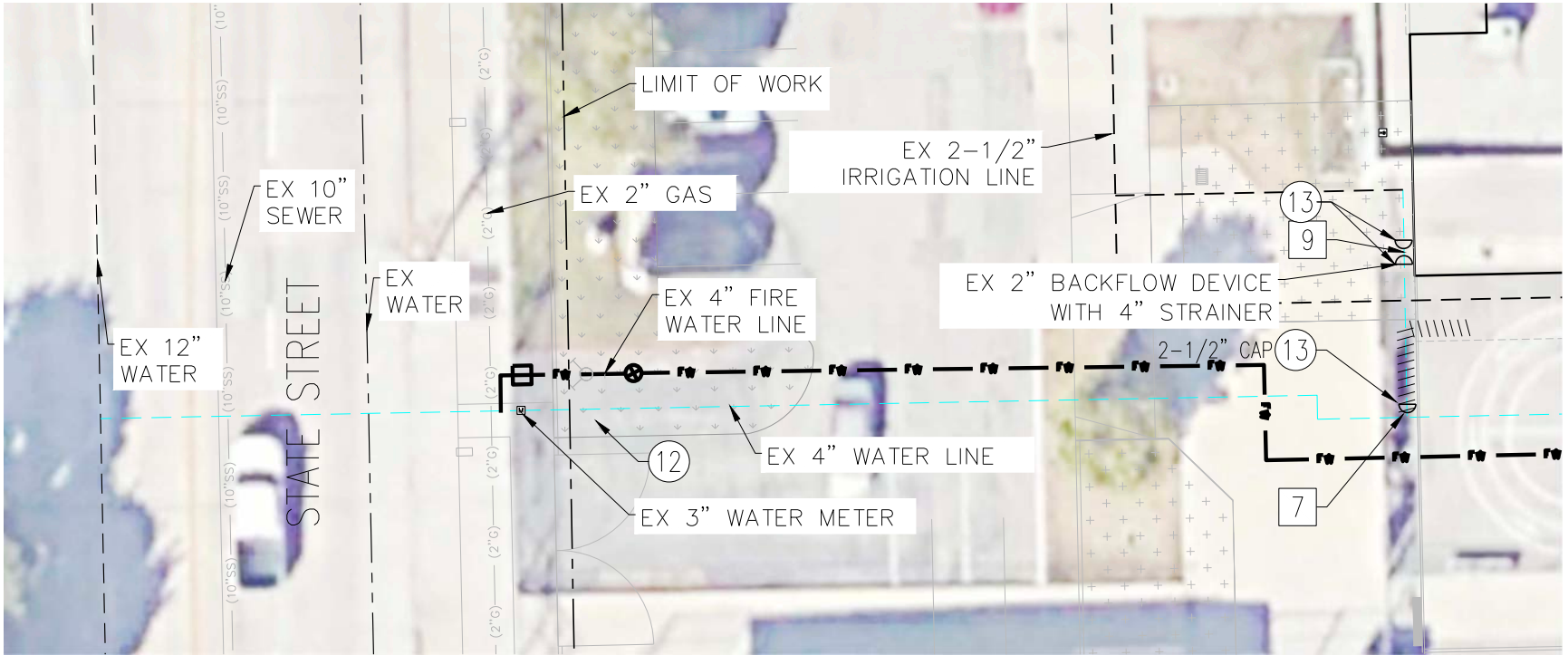


File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 11 SAN ANTONIO DTL.dwg Jul 09, 2024 - 1:24pm RachelMeiter



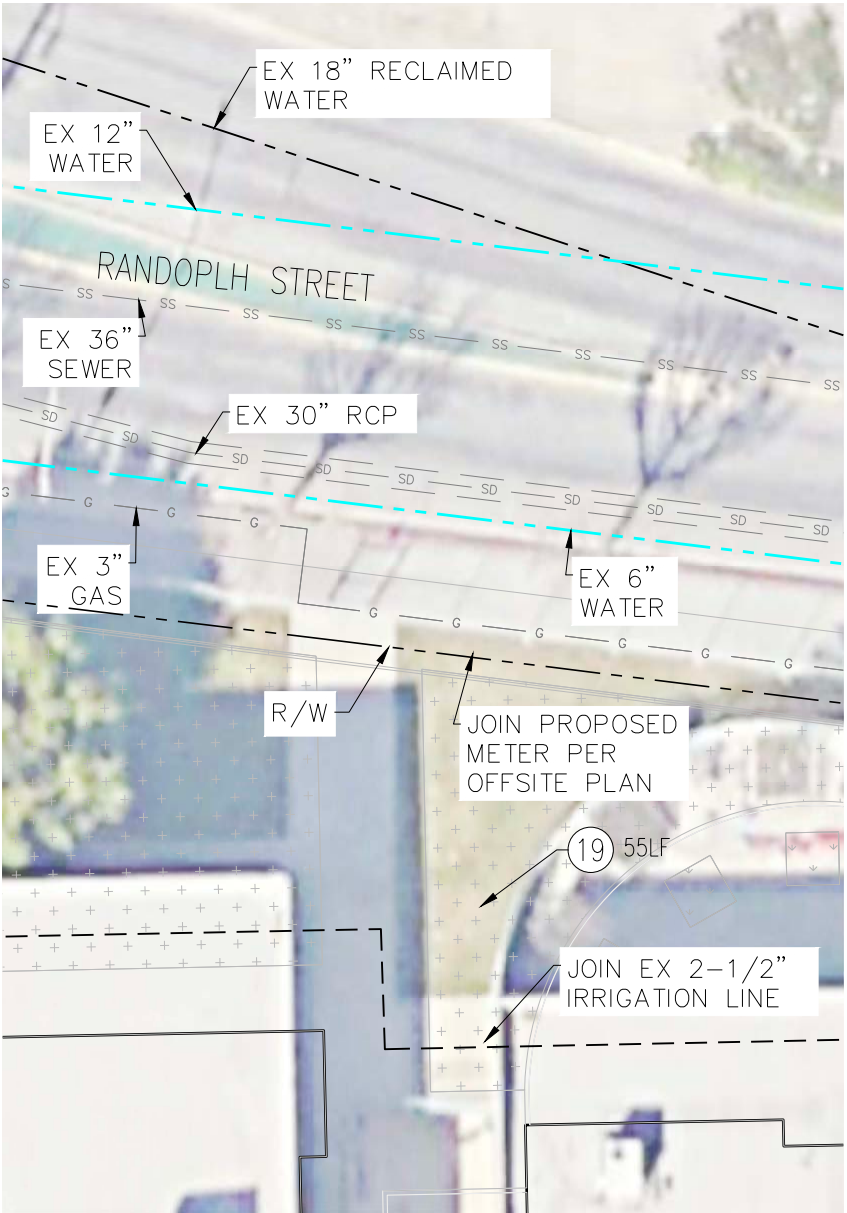
EXISTING METER DETAIL

SCALE: 1"=10'



IRRIGATION MODIFICATION DETAIL

SCALE: 1"=10'



OFF-SITE CONNECTION DETAIL

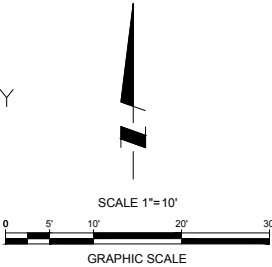
SCALE: 1"=10'

DEMOLITION ITEMS

- 7 DISCONNECT AND REMOVE EX 2-1/2" PVC
- 9 DISCONNECT AND REMOVE EX 2-1/2" BACKFLOW PREVENTER

CONSTRUCTION ITEMS

- 12 FURNISH AND INSTALL BACK FLOW PREVENTOR PER CITY OF HUNTINGTON PARK SPECIFICATIONS, REQUIRED STRAINER TO REMAIN.
- 13 FURNISH AND INSTALL END CAP



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM

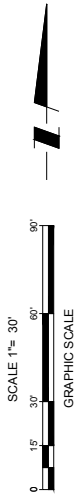
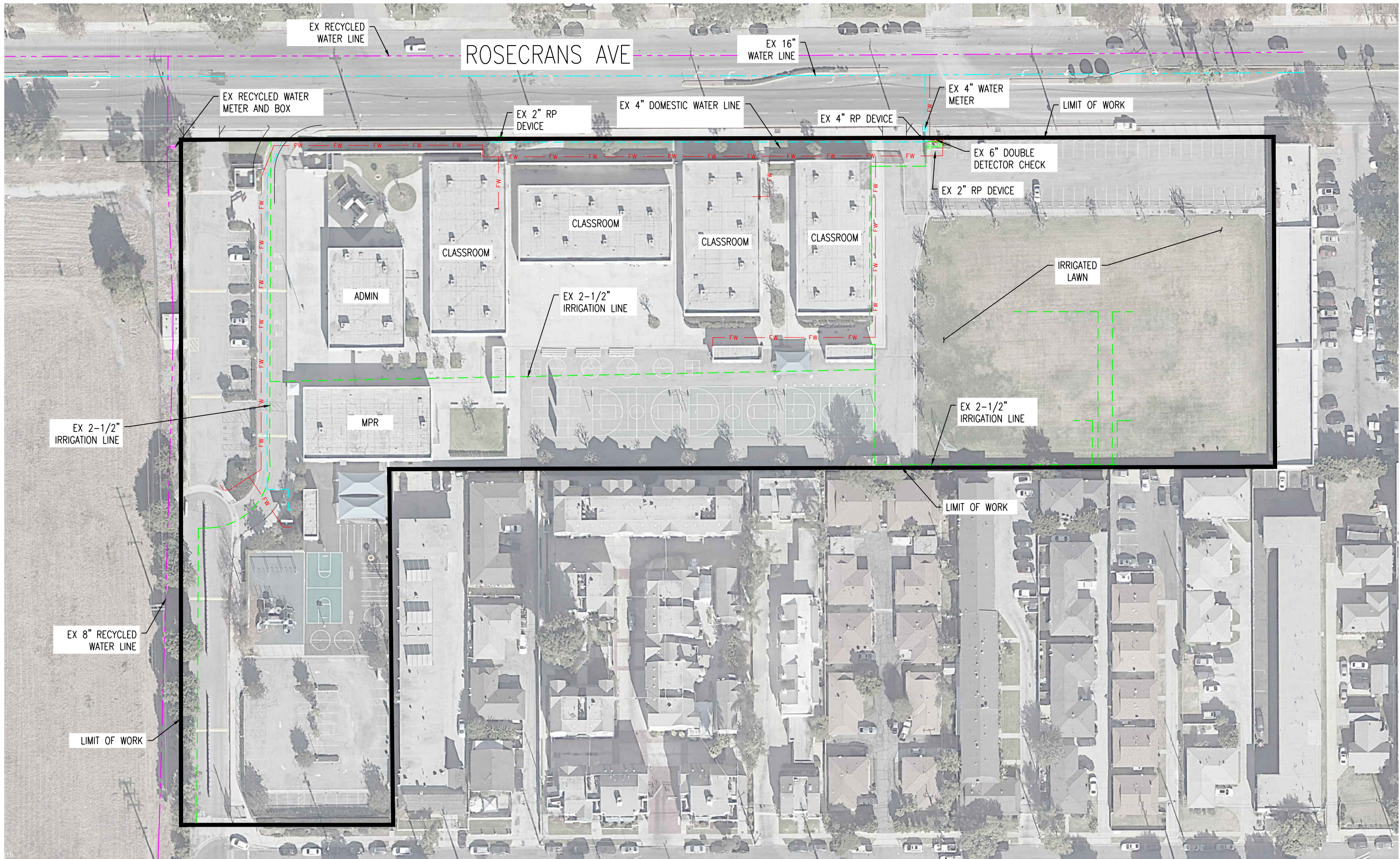


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #3: SAN ANTONIO ELEMENTARY SCHOOL  
CONSTRUCTION DETAILS

DRAWING NO.	C-11
SHT NO.	11 OF 26



File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 12 TANNER EXIST.dwg Jul 09, 2024 - 4:13pm RachelMeiter



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM



PLANS PREPARED BY:

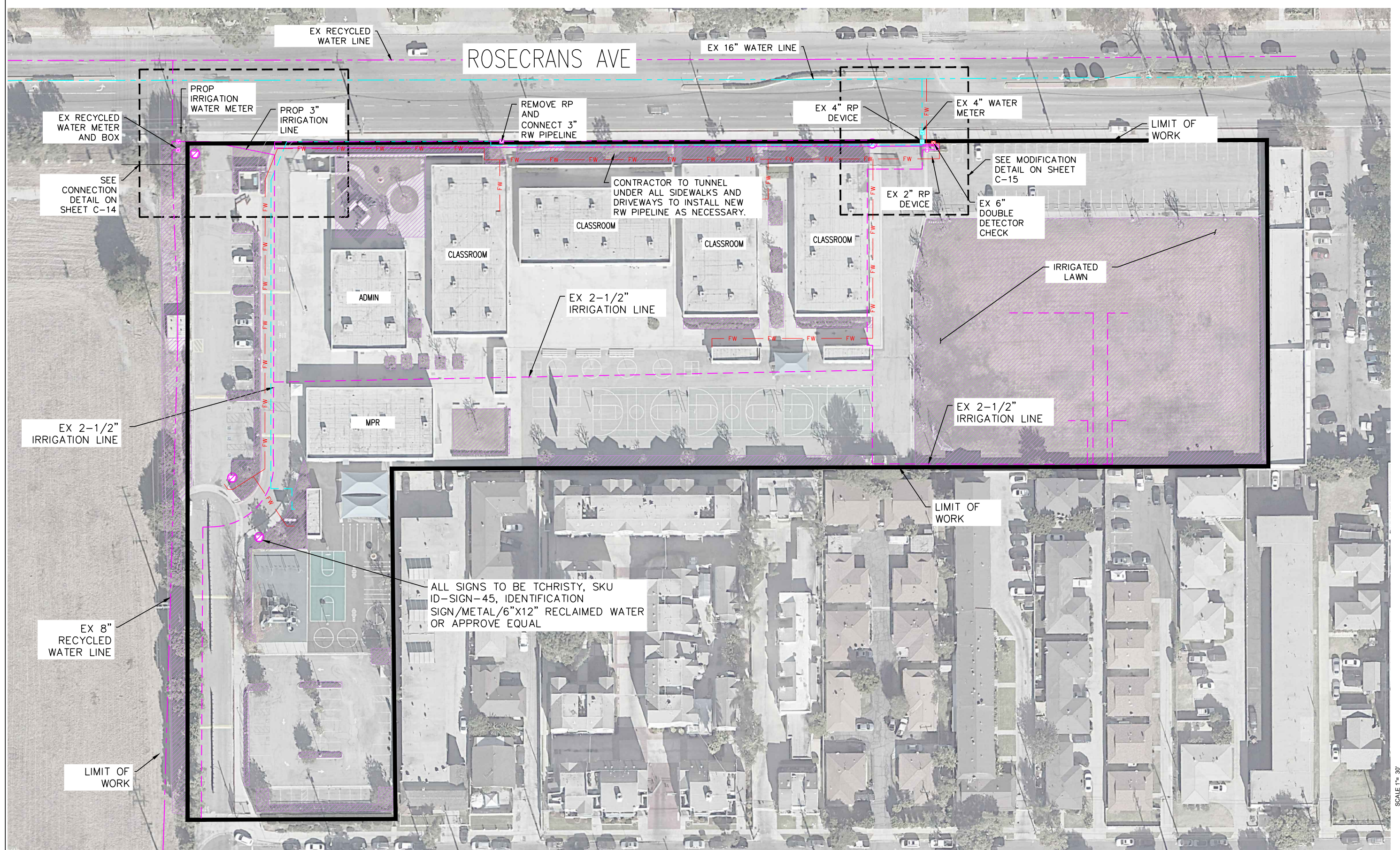


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #4: TANNER ELEMENTARY SCHOOL  
7210 ROSECRANS BLVD PARAMOUNT, CA 90723  
EXISTING SITE PLAN

DRAWING NO.	C-12
SHT NO.	12 OF 26



File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 13 TANNER PROP.dwg Jul 09, 2024 - 4:12pm RachelMeiter



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM

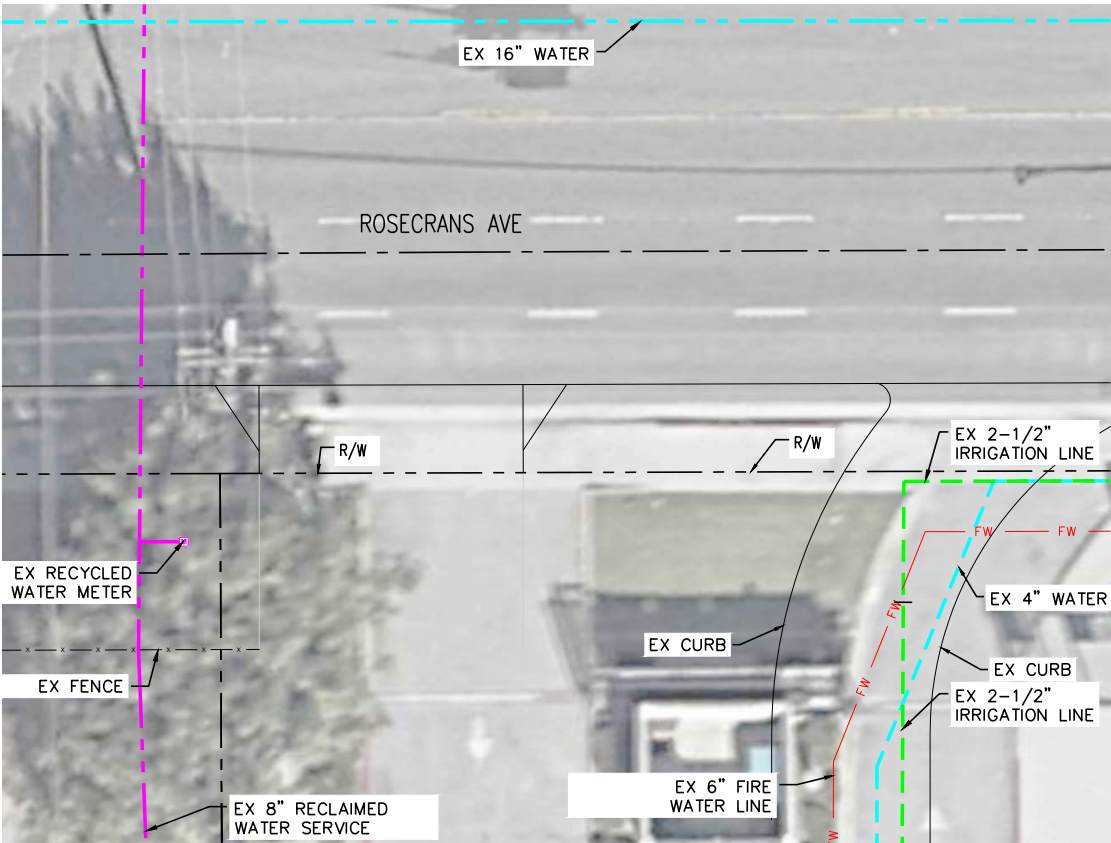


CENTRAL BASIN MUNICIPAL WATER DISTRICT PROP 1 RECYCLED WATER CUSTOMER CONVERSION FOR DISADVANTAGED COMMUNITIES
SITE #4: TANNER ELEMENTARY SCHOOL
CONVERSION PLAN

DRAWING NO.	C-13
SHT NO.	13 OF 26

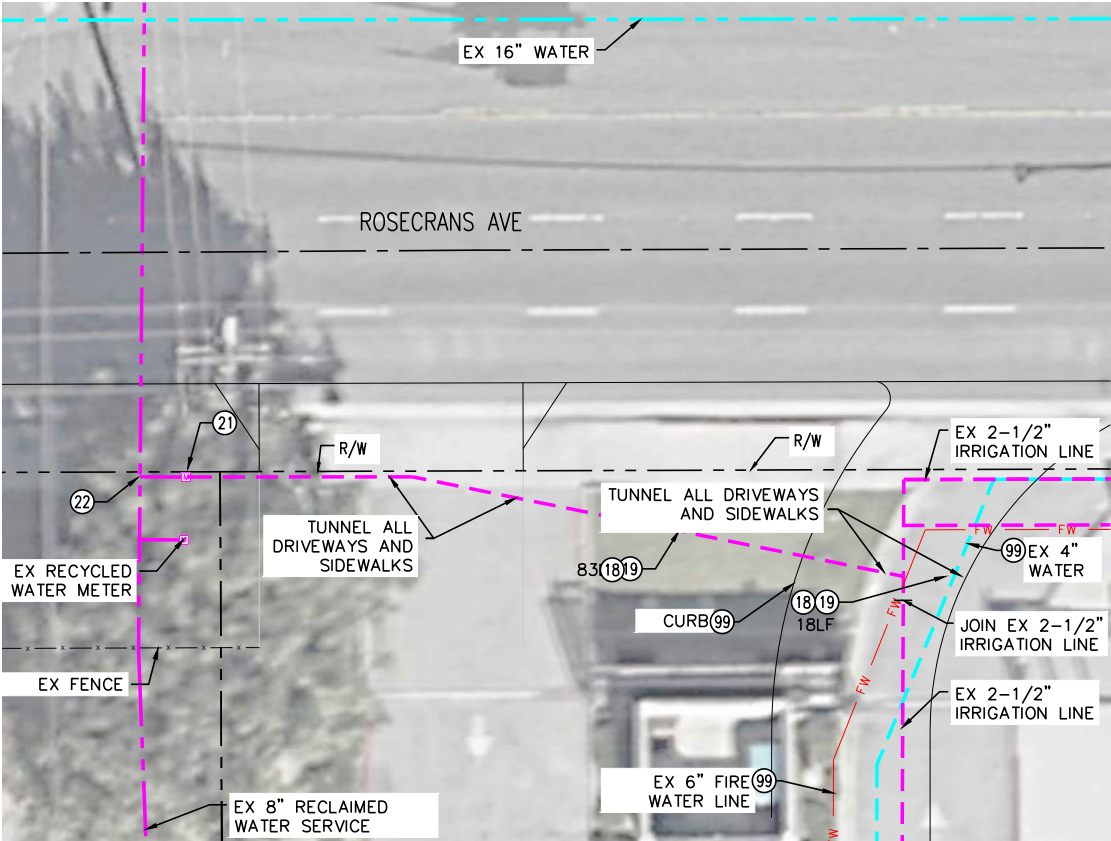


File: P:\JOBS\1432301\CAD\SHEETS\ON SITE\14 TANNER DTL.dwg Jul 09, 2024 - 4:09pm RochelMeiter



EXISTING METER DETAIL

SCALE: 1"=10'



OFF-SITE CONNECTION

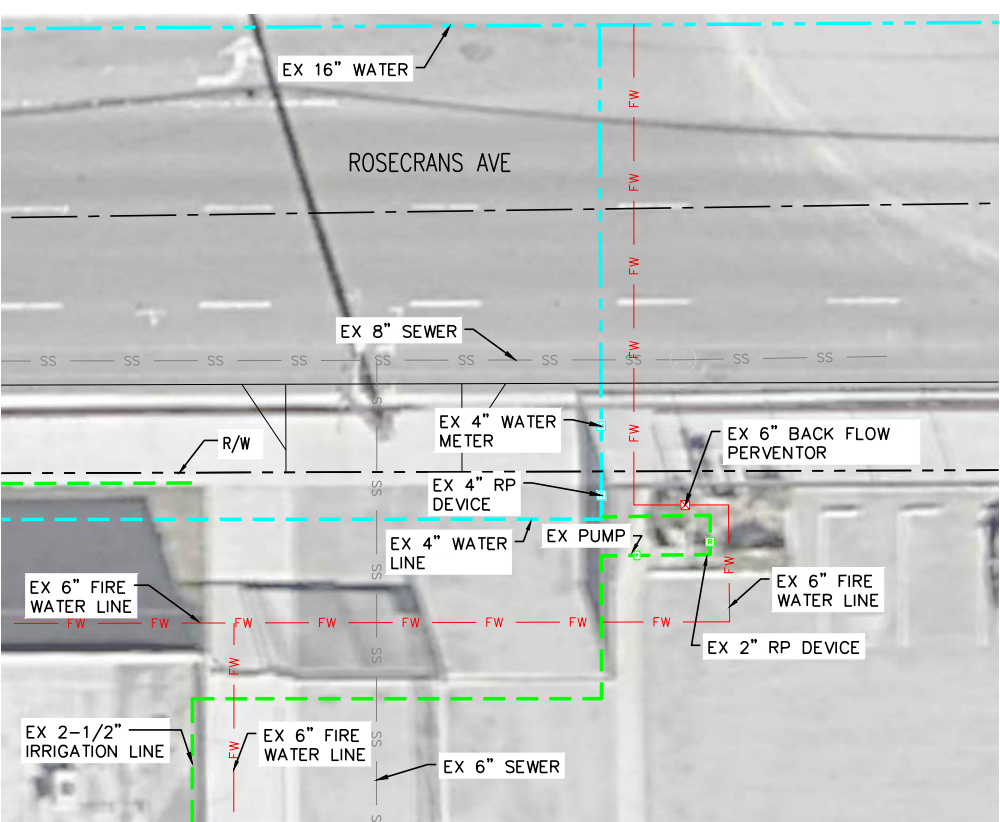
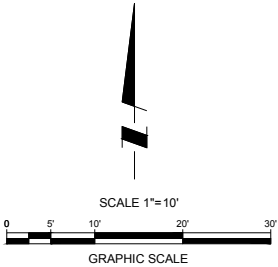
SCALE: 1"=10'

DEMOLITION ITEMS

- 7 DISCONNECT AND REMOVE EX 2-1/2" PVC PIPE

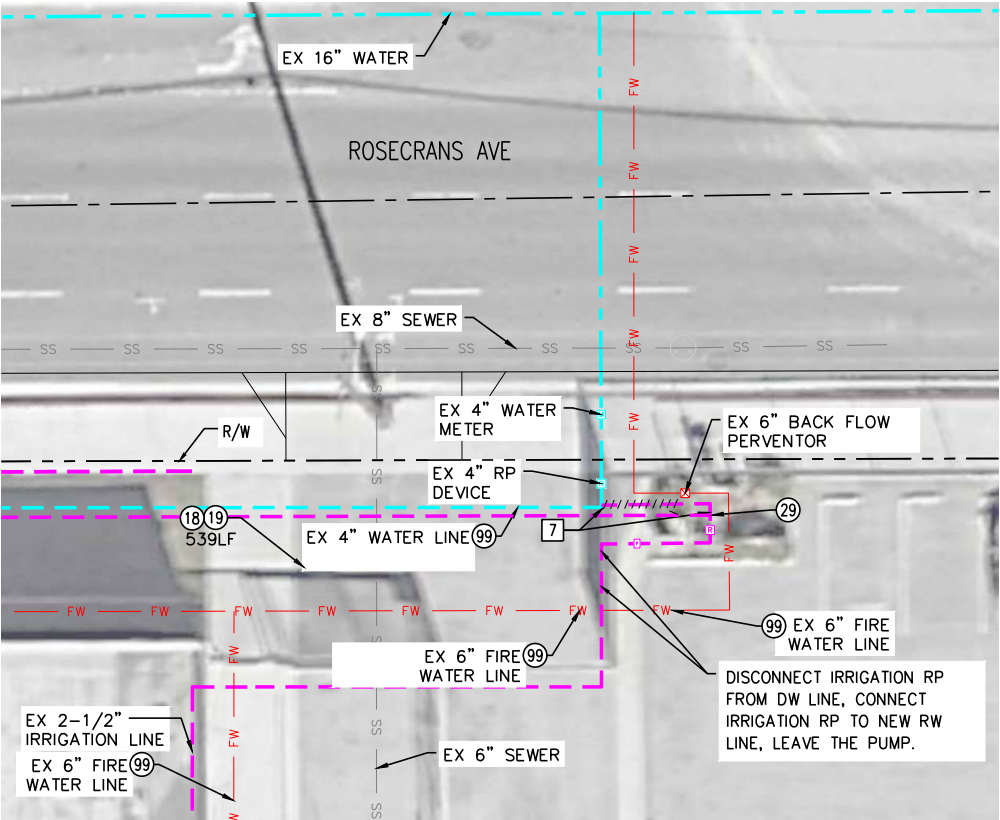
CONSTRUCTION ITEMS

- 13 FURNISH AND INSTALL END CAP
- 18 PIPE TRENCHING AND BEDDING PER CBMWD STD. DWG RW17
- 19 FURNISH AND INSTALL 2-1/2" PVC, SDR-40 PER MANUFACTURER'S SPECIFICATIONS
- 21 FURNISH AND INSTALL 3" RECYCLED WATER METER PER CITY OF SPECIFICATIONS
- 22 HOT TAP EXISTING RECLAIMED WATER MAIN WITH 3" TAPPING VALVE PER CBMWD STD DWG RW6
- 29 FURNISH AND INSTALL 2-1/2" 90° PVC ELBOW PER MANUFACTURER'S SPECIFICATIONS
- 99 PROTECT IN PLACE



EXISTING METER DETAIL

SCALE: 1"=10'



IRRIGATION MODIFICATION

SCALE: 1"=10'

					PROGRESS: 1ST SUBMITTAL	
					SUBMITTAL DATE: ---	
					PROJECT MANAGER: JM	
					DESIGNED BY: CM	
					DRAWN BY: JH,RM	
					CHECKED BY: JM	
REV	DESCRIPTION	ENGR	DATE	APPD	DATE	



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #4: TANNER ELEMENTARY SCHOOL  
CONSTRUCTION DETAILS

DRAWING NO.  
**C-14**  
SHT NO. 14 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 15 MAYWOOD EXIST.dwg Jul 09, 2024 - 4:08pm RachelMeier

LEGEND

- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

SAMPLE EXISTING NPW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE, 1"
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUUM BREAKER OR PRESSURE VACUUM BREAKER

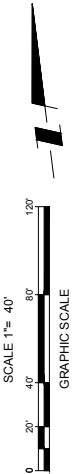
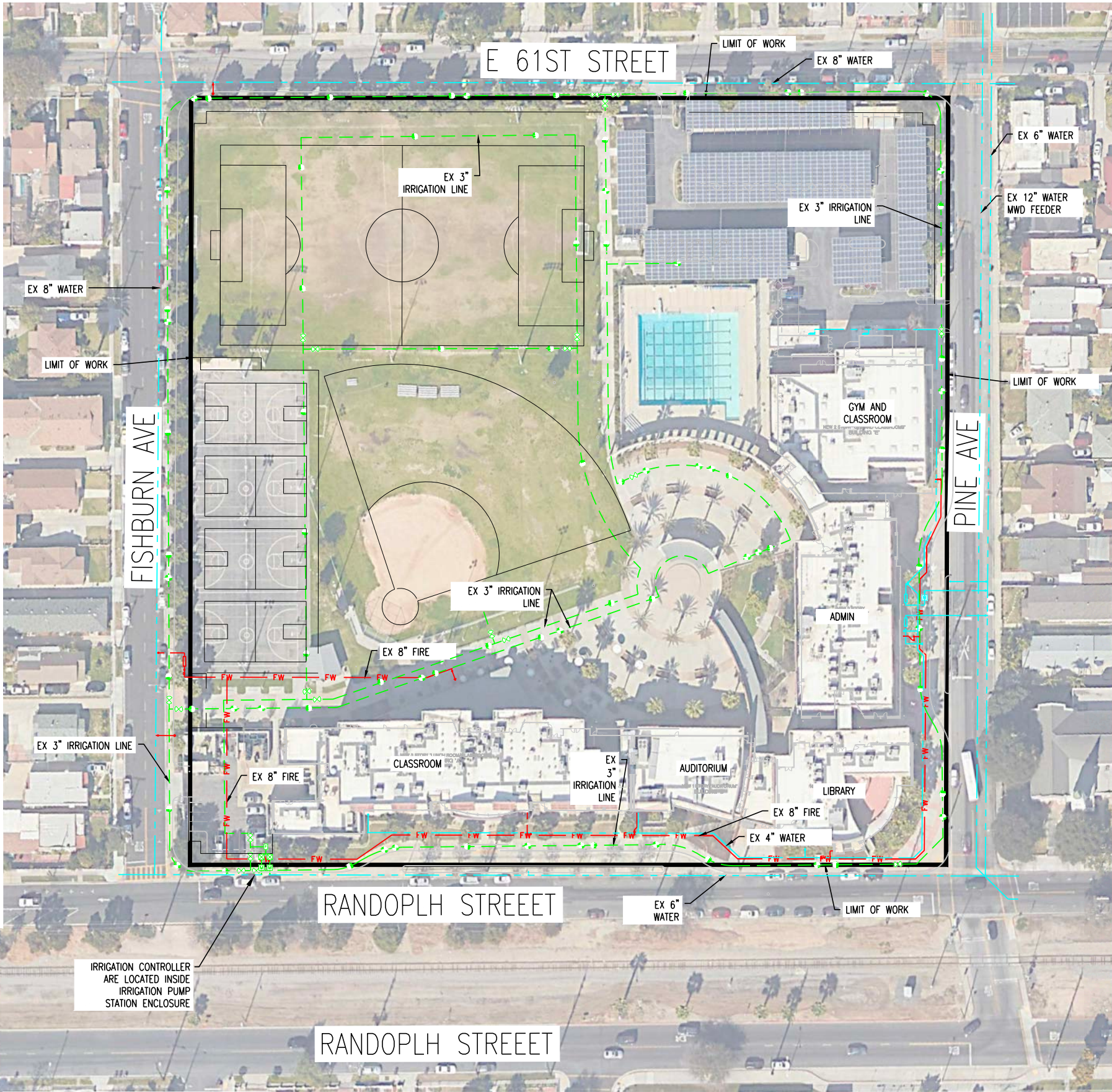
SAMPLE EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP

NOTE: (ESTIMATE OF 20 BROKEN ROUND QUICK COUPLER BOXES). ALL EXISTING IRRIGATION BOXES ARE PLASTIC WITH PLASTIC LIDS. QUICK COUPLERS TO BE REPLACED WITH ACME THREAD QUICK COUPLERS WITH PURPLE HEADS OF EQUIVALENT SIZE. QUICK COUPLERS TO BE RETROFITTED WITH PURPLE VALVE BOXES, NDS, PART NO. 107PBCR, 6" ROUND BOX WITH ROUND OVERLAPPING COVER - RECLAIMED WATER PURPLE/PURPLE.

ALL CONTROL VALVES AND QUICK COUPLERS TO BE TAGGED WITH RECYCLED WATER TAG, CHRISTY'S, SKU: ID-MAX-P1-RC008, OR APPROVED EQUAL.

INSTALL LABELS ON WALL HOSE BIBB WITH CHRISTY, POTABLE WATER MARKING DECAL, SKU: ID-4300 OR APPROVED EQUAL



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH, RM
CHECKED BY:	JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #5: MAYWOOD ACADEMY HIGH SCHOOL  
6215 PINE AVENUE, MAYWOOD, CA 90270  
EXISTING SITE PLAN

DRAWING NO.  
**C-15**  
SHT NO. 15 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 16 MAYWOOD PROP IM.dwg Jul 09, 2024 - 4:07pm RochelMeiter

LEGEND

- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- FW EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- G G EXISTING GAS LINE
- SS SS EXISTING SEWER LINE
- SD SD EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE
- PROPOSED RW IRRIGATION AREAS

EXISTING NPW IRRIGATION EQUIPMENT

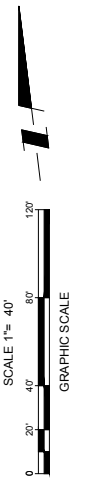
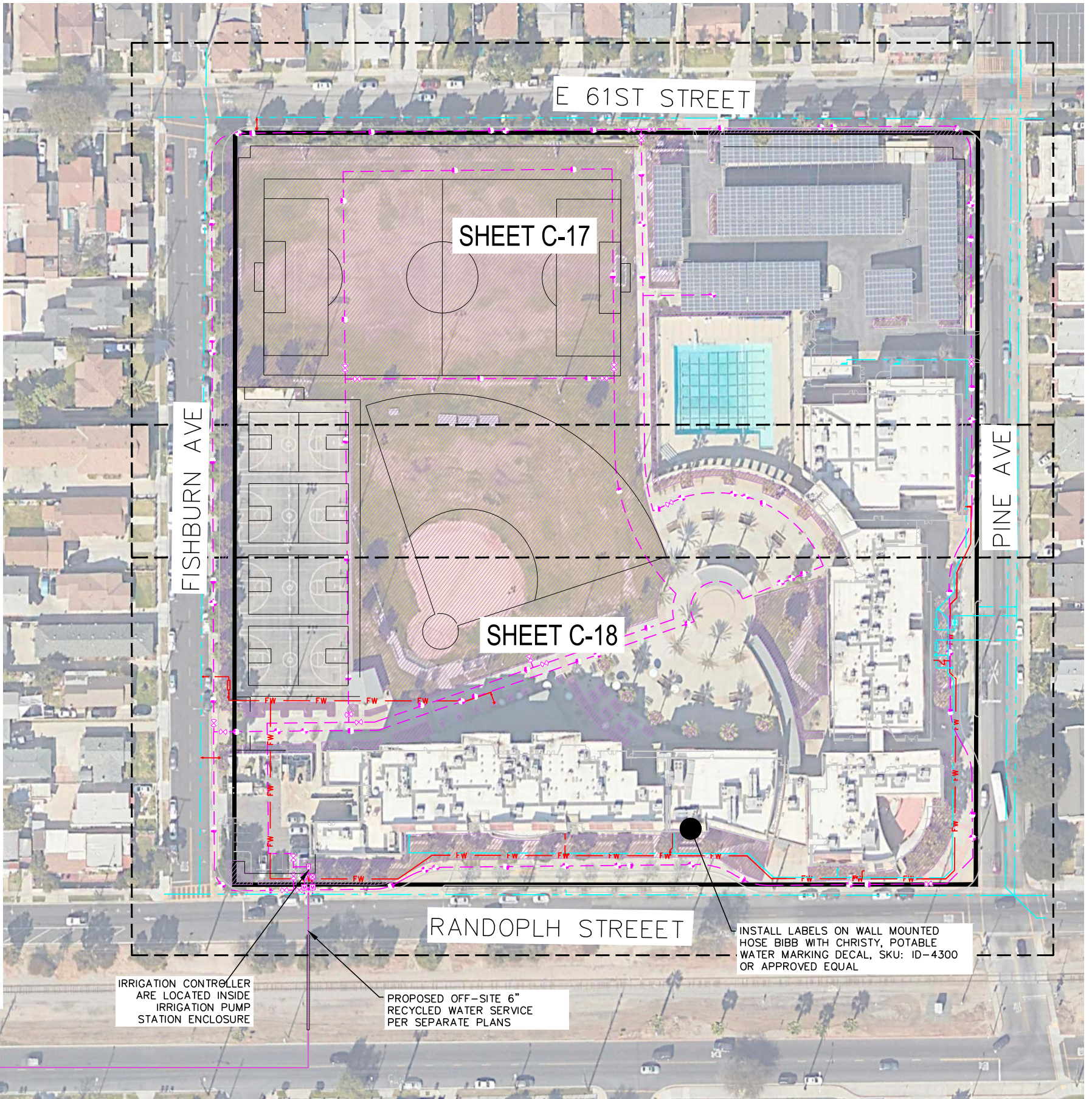
- QUICK COUPLING VALVE, 1"
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUM BREAKER OR PRESSURE VACUUM BREAKER

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP

NEW RW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
- WATER METER
- PRESSURE REDUCER
- MASTER VALVE
- FLOW SENSOR ASSEMBLY
- RECYCLED WATER SIGN
- WATER PUMP
- RPPD BACKFLOW PREVENTER
- END CAP



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM

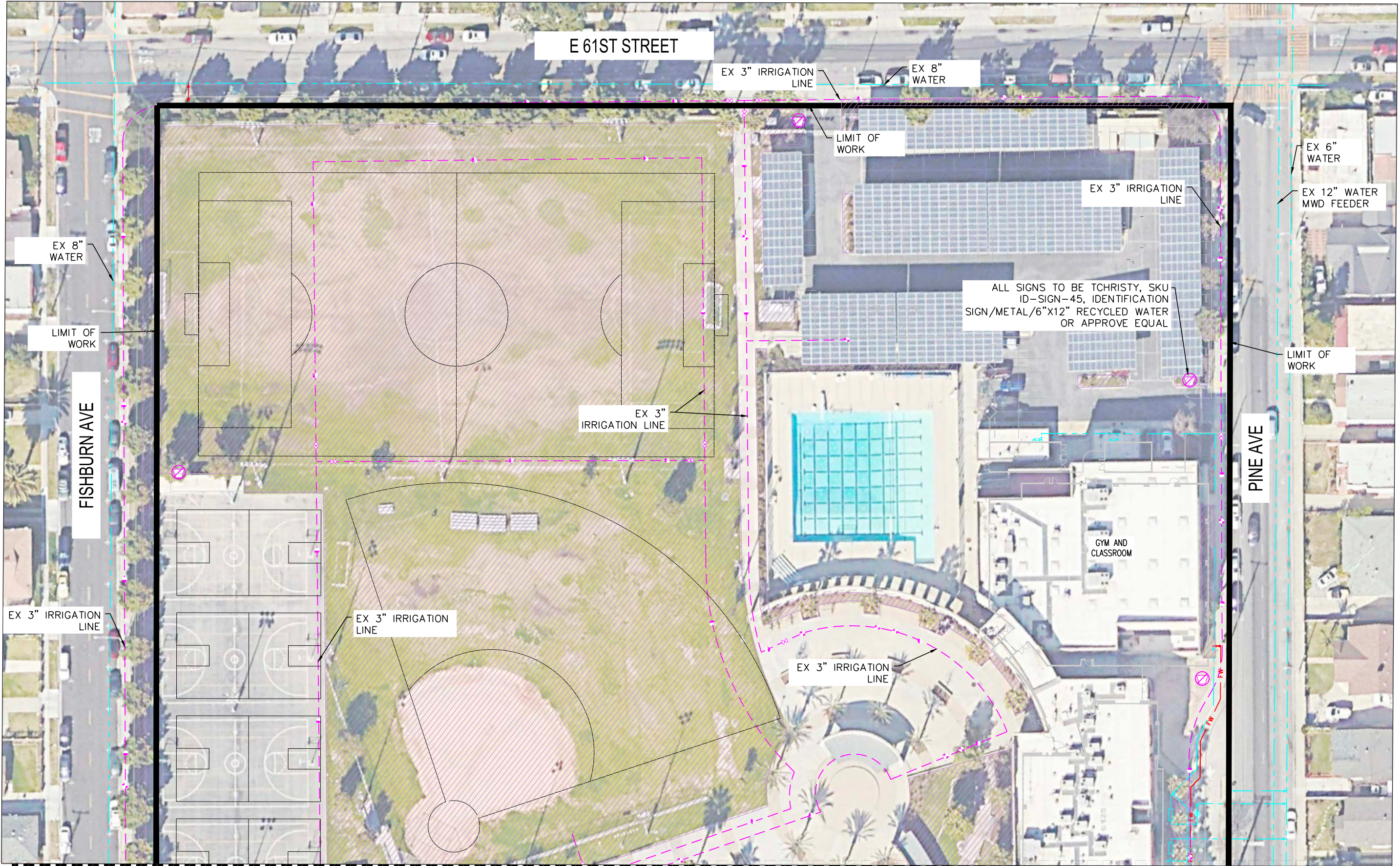


CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #5: MAYWOOD ACADEMY HIGH SCHOOL  
SHEET INDEX MAP

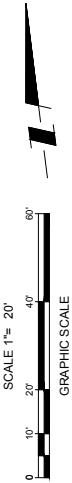
DRAWING NO.	C-16
SHT NO.	16 OF 26



File: P:\JOBS\1432301\CAD\SHEET\ONSITE\1432301 17 MAYWOOD PROP.dwg Jul 09, 2024 - 4:05pm RachelMeier



SEE DRAWING C-18



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

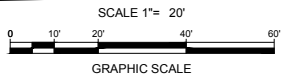
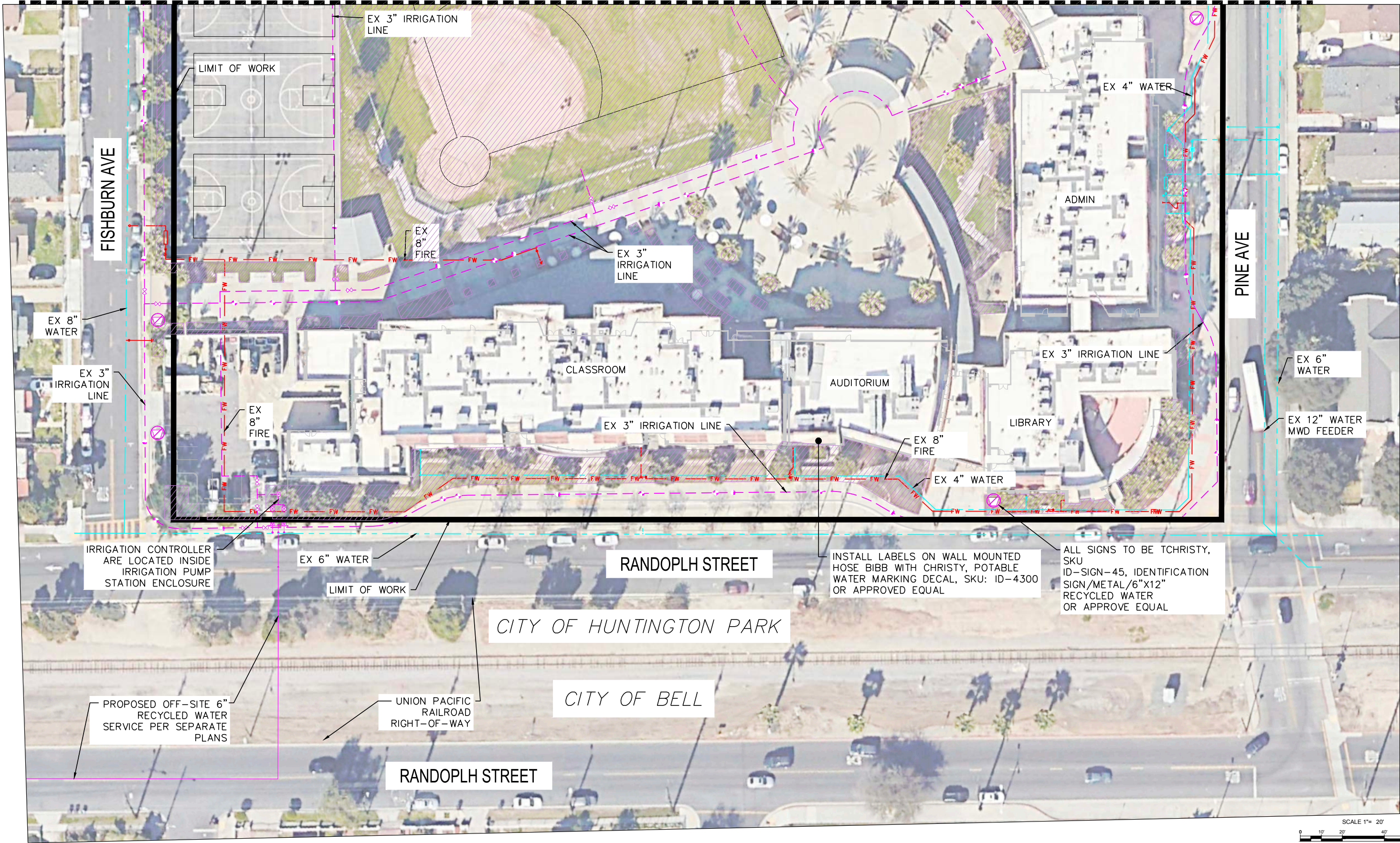
PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #5: MAYWOOD ACADEMY HIGH SCHOOL  
CONVERSION PLAN

DRAWING NO.  
**C-17**  
SHT NO. 17 OF 26





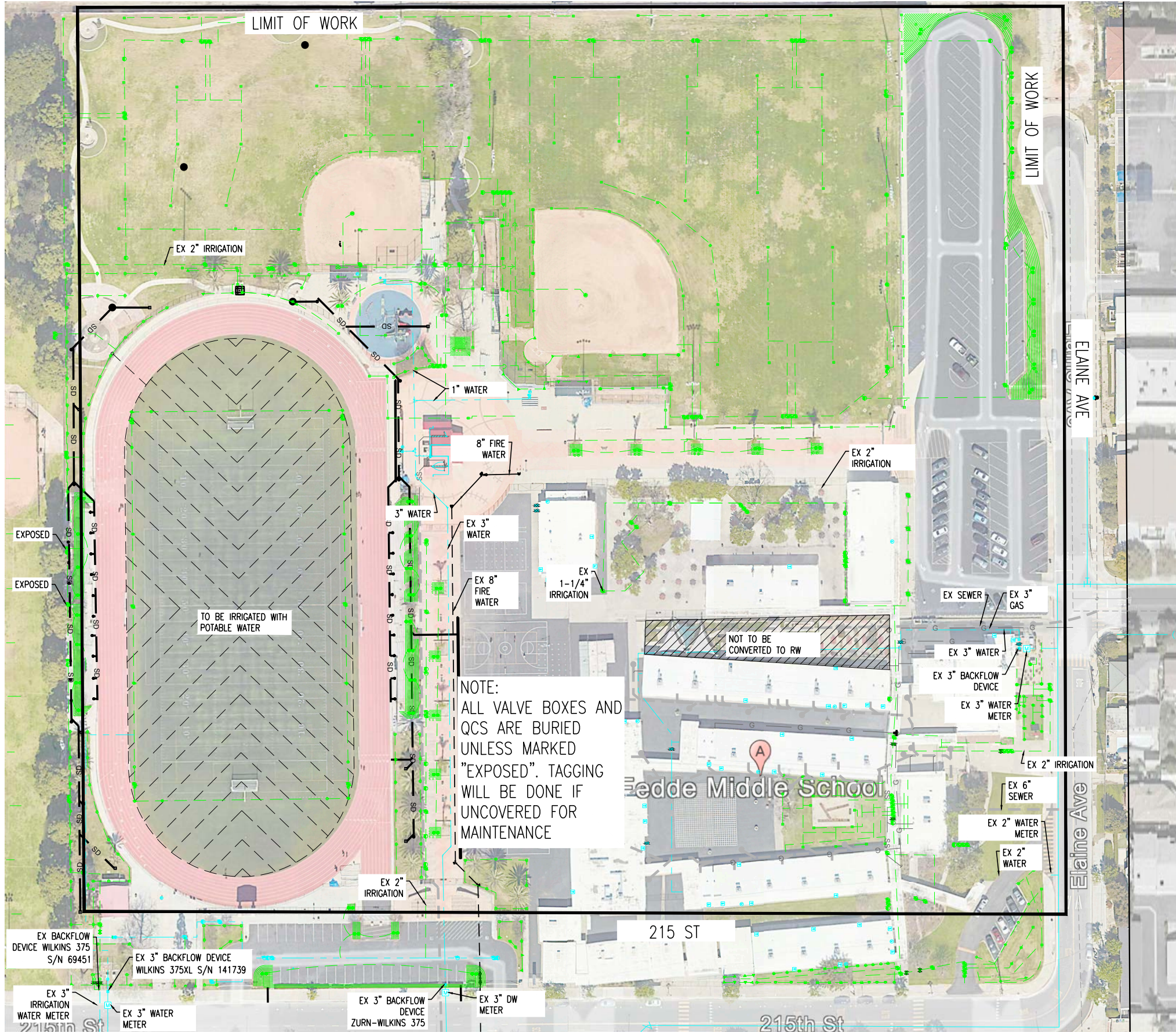
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					SUBMITTAL DATE: ---	
					PROJECT MANAGER: JM	
					DESIGNED BY: CM	
					DRAWN BY: JH, RM	
					CHECKED BY: JM	
	DESCRIPTION	ENGR	DATE	APPD	DATE	



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #5: MAYWOOD ACADEMY HIGH SCHOOL  
CONVERSION PLAN

DRAWING NO.  
**C-18**  
SHT NO. 18 OF 26





LEGEND

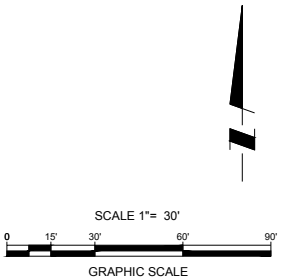
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- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- FW EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- G EXISTING GAS LINE
- SS EXISTING SEWER LINE
- SD EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL
- BATHROOMS
- BOTTLE FILLER
- HAND WASHING STATION

EXISTING IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- LOW VOLUME CONTROL ZONE KIT
- RAINBIRD TREE BUBBLER
- TORO STRIP SPRAY
- TORO SPRAY
- HUNTER SPRAY
- HUNTER ROTOR
- NETAFIM DRIPPERLINE W/ CHECK VALVE
- LEEMCO PIPE TO PIPE RESTRAINT
- LEEMCO SELF-RESTRAINED FITTING



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

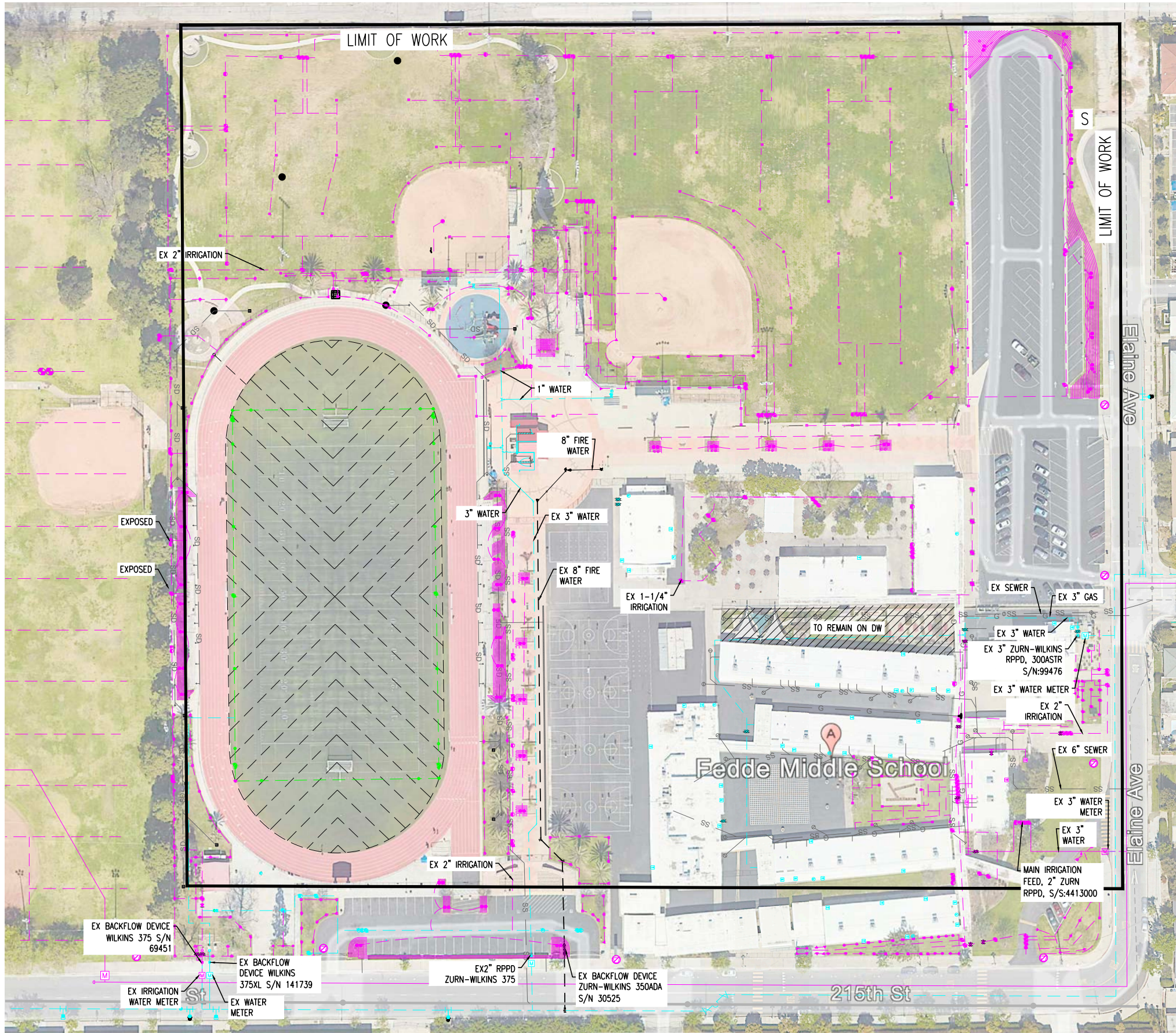
PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #6: FEDDE MIDDLE SCHOOL  
21409 ELAINE AVE HAWAIIAN GARDEN, CA 90716  
EXISTING SITE PLAN

DRAWING NO.  
**C-19**  
SHT NO. 19 OF 26





LEGEND

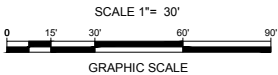
- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL
- BATHROOMS
- BOTTLE FILLER
- HAND WASHING STATION

NEW RW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
- WATER METER
- PRESSURE REDUCER
- MASTER VALVE
- RECYCLED WATER SIGN
- WATER PUMP
- RPPD BACKFLOW PREVENTER
- END CAP
- LOW VOLUME CONTROL ZONE KIT
- RAINBIRD TREE BUBBLER
- TORO STRIP SPRAY
- TORO SPRAY
- HUNTER SPRAY
- HUNTER ROTOR
- NETAFIM DRIPPERLINE W/ CHECK VALVE
- LEEMCO PIPE TO PIPE RESTRAINT
- LEEMCO SELF-RESTRAINED FITTING



REV				PROGRESS:		1ST SUBMITTAL
				SUBMITTAL DATE:		---
				PROJECT MANAGER:		JM
				DESIGNED BY:		CM
				DRAWN BY:		JH,RM
			CHECKED BY:		JM	
DESCRIPTION				ENGR	DATE	APPD DATE



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES  
SITE #6: FEDDE MIDDLE SCHOOL  
21409 ELAIN AVE HAWAIIAN GARDEN, CA 90716  
EXISTING SITE PLAN

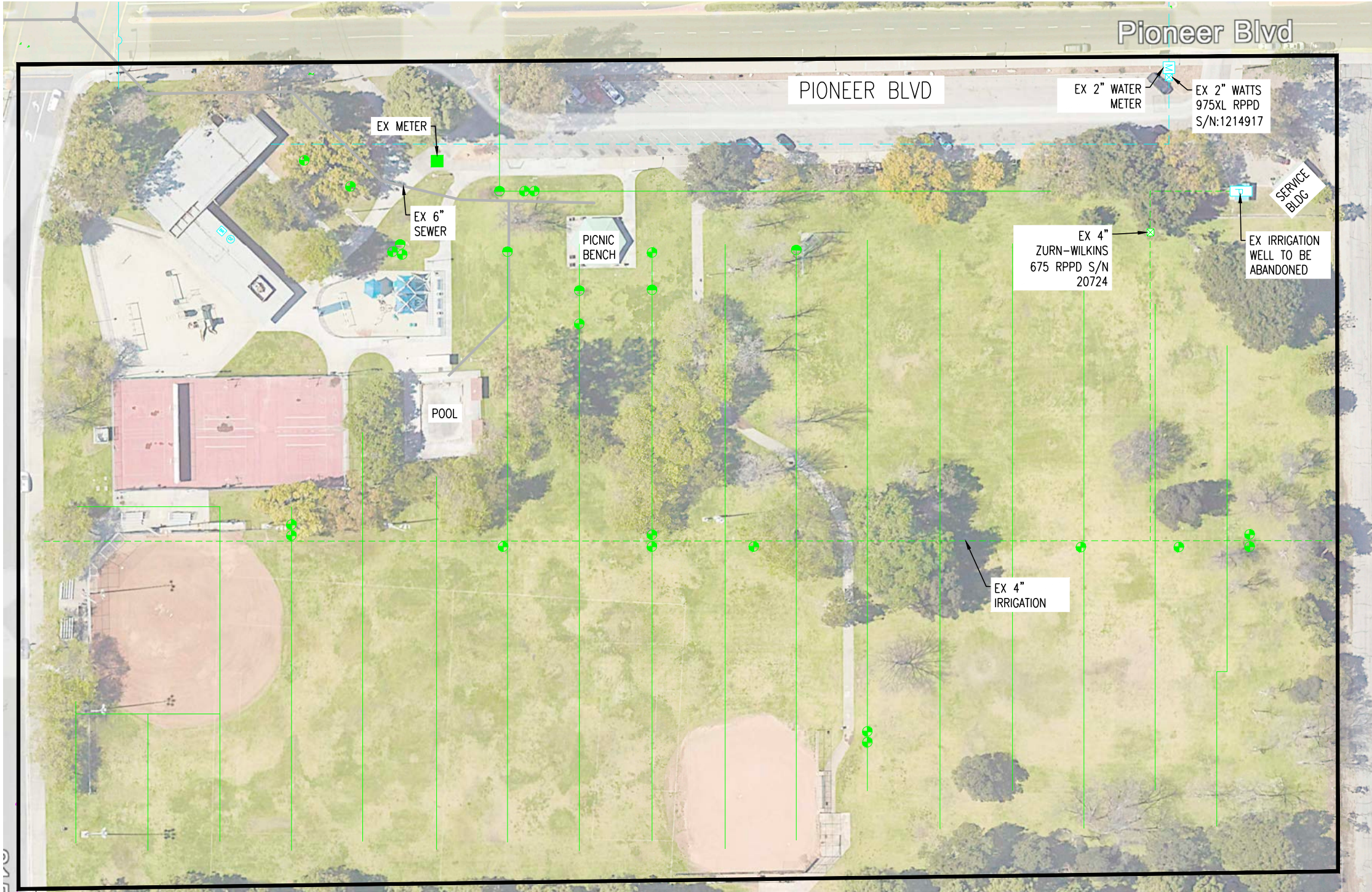
DRAWING NO.  
**C-20**  
SHT NO. 20 OF 26







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LEGEND

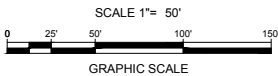
- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- FW EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- G EXISTING GAS LINE
- SS EXISTING SEWER LINE
- SD EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL

EXISTING NPW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- 24 STATION IRRIGATION CONTROLLER
- MAINLINE GATE VALVE - RESILIENT WEDGE
- PRESSURE REGULATING RELIEF VALVE
- RPPD BACKFLOW PREVENTER
- WATER METER
- FLOW SENSOR ASSEMBLY
- ATMOSPHERIC VACCUM BREAKER OR PRESSURE VACUUM BREAKER



REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

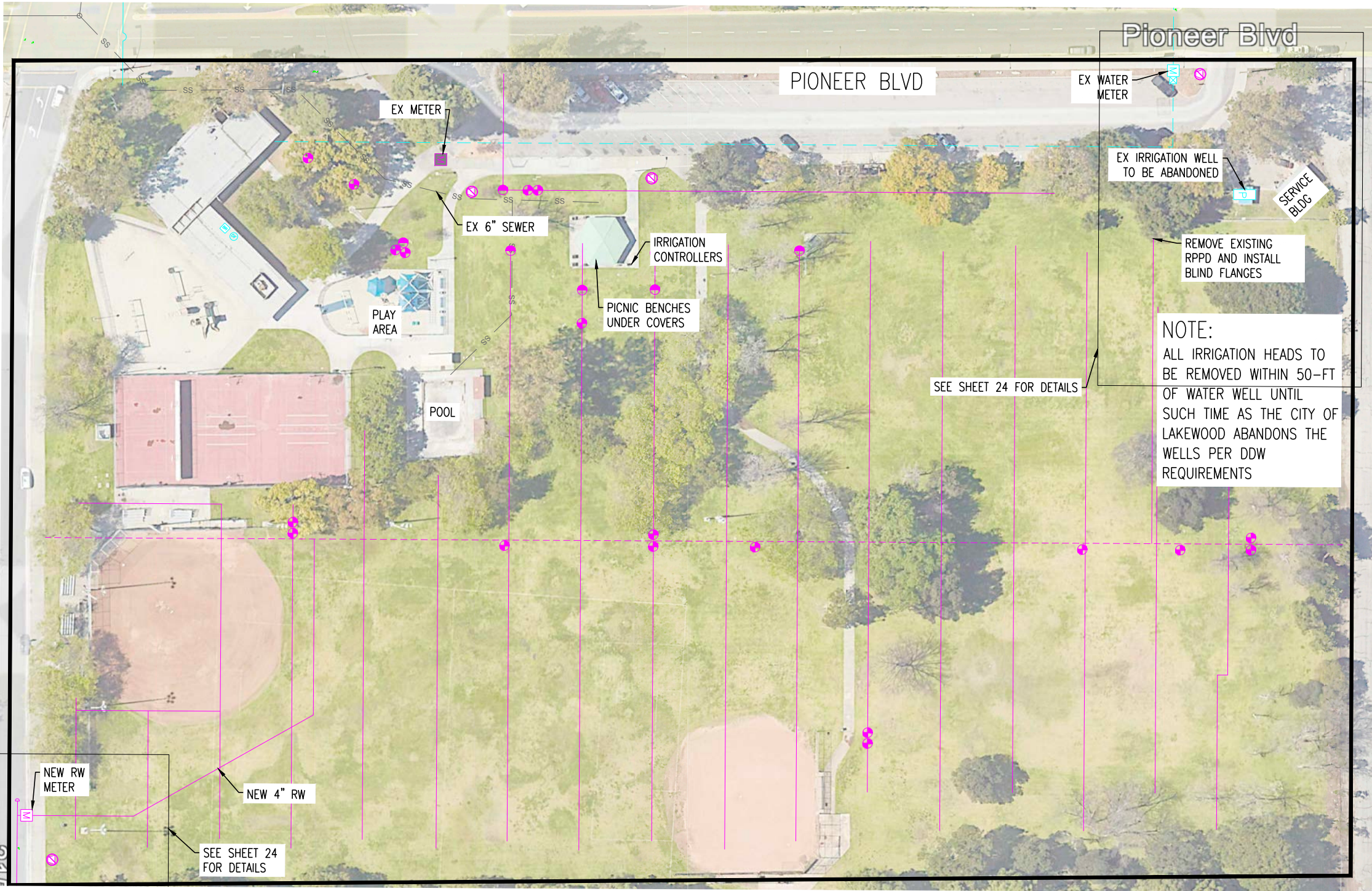
SITE #7:BLOOMFIELD PARK  
21409 ELAIN AVE HAWAIIAN GARDEN, CA 90716  
EXISTING SITE PLAN

DRAWING NO.  
**C-22**

SHT NO. 22 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 23 BLOOMFIELD PROP.dwg Jul 09, 2024 - 3:55pm RachelMeier



LEGEND

- EXISTING DOMESTIC WATER MAIN LINE (OFFSITE)
- EXISTING DOMESTIC WATER MAIN LINE (ONSITE)
- EXISTING DOMESTIC IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING RECYCLED WATER MAIN LINE
- NEW RECYCLED WATER IRRIGATION MAIN LINE
- EXISTING FIRE PROTECTION SERVICE MAIN LINE
- LIMIT OF WORK
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- RIGHT OF WAY
- PERIMETER FENCE

EXISTING DW EQUIPMENT

- RPPD BACKFLOW PREVENTER
- WATER METER
- DRINKING FOUNTAIN
- WATER PUMP
- HOSE BIBB IN WALL

NEW RW IRRIGATION EQUIPMENT

- QUICK COUPLING VALVE
- REMOTE CONTROL VALVE
- MAINLINE GATE VALVE - RESILIENT WEDGE OR BALL VALVE
- WATER METER
- PRESSURE REDUCER
- MASTER VALVE
- FLOW SENSOR ASSEMBLY
- RECYCLED WATER SIGN
- WATER PUMP
- RPPD BACKFLOW PREVENTER
- END CAP

NOTE: REPLACE ALL VALVE BOX LIDS WITH PURPLE LIDS. QUICK COUPLERS TO BE REPLACED WITH ACME THREAD QUICK COUPLERS WITH PURPLE HEADS OF EQUIVALENT SIZE.

ALL CONTROL VALVES TO BE TAGGED WITH RECYCLED WATER TAG

IRRIGATION CONTROLLERS SHALL BE LABELED WITH PURPLE NOTICE STICKERS.

SCALE: 1"=50'

REV	DESCRIPTION	ENGR	DATE	APPD	DATE	PROGRESS: 1ST SUBMITTAL
						SUBMITTAL DATE: ----
						PROJECT MANAGER: JM
						DESIGNED BY: CM
						DRAWN BY: JH,RM
						CHECKED BY: JM



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

SITE #7: BLOOMFIELD PARK  
21409 ELAIN AVE HAWAIIAN GARDEN, CA 90716  
CONVERSION PLAN

DRAWING NO.

C-23

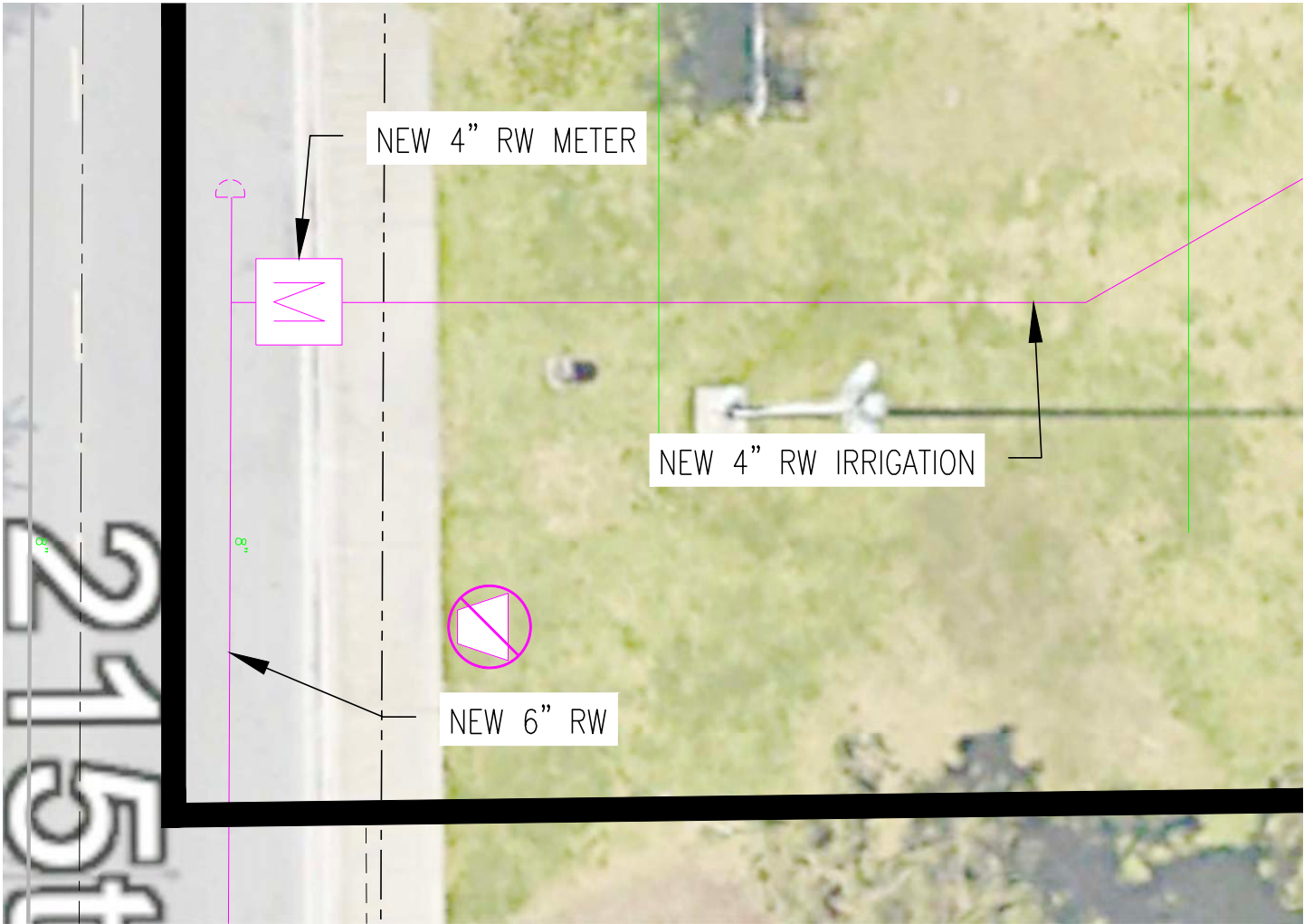
SHT NO. 23 OF 26



File: P:\JOBS\1432301\CAD\SHEETS\ONSITE\1432301 24 BLOOMFIELD DTL.dwg Jul 09, 2024 - 3:59pm RachelMeiter



METER DETAIL  
SCALE: 1"=10'



OFF-SITE CONNECTION DETAIL  
SCALE: 1"=20'

REV	DESCRIPTION	ENGR	DATE	APPD	DATE

PROGRESS:	1ST SUBMITTAL
SUBMITTAL DATE:	----
PROJECT MANAGER:	JM
DESIGNED BY:	CM
DRAWN BY:	JH,RM
CHECKED BY:	JM

**DIGALERT**  
DIAL BEFORE YOU DIG  
TOLL FREE  
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

TWO WORKING DAYS BEFORE YOU DIG  
1-800-227-2600

PLANS PREPARED BY:

**VALUED**  
ENGINEERING, INC.  
600 N. MOUNTAIN AVE., STE C102,  
UPLAND, CA 91786  
(909) 982-4601

**JEFFREY D. MEITER**  
No. 64696  
CIVIL  
STATE OF CALIFORNIA

CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

SITE #7:BLOOMFIELD PARK  
21409 ELAIN AVE HAWAIIAN GARDEN, CA 90716  
CONSTRUCTION DETAILS

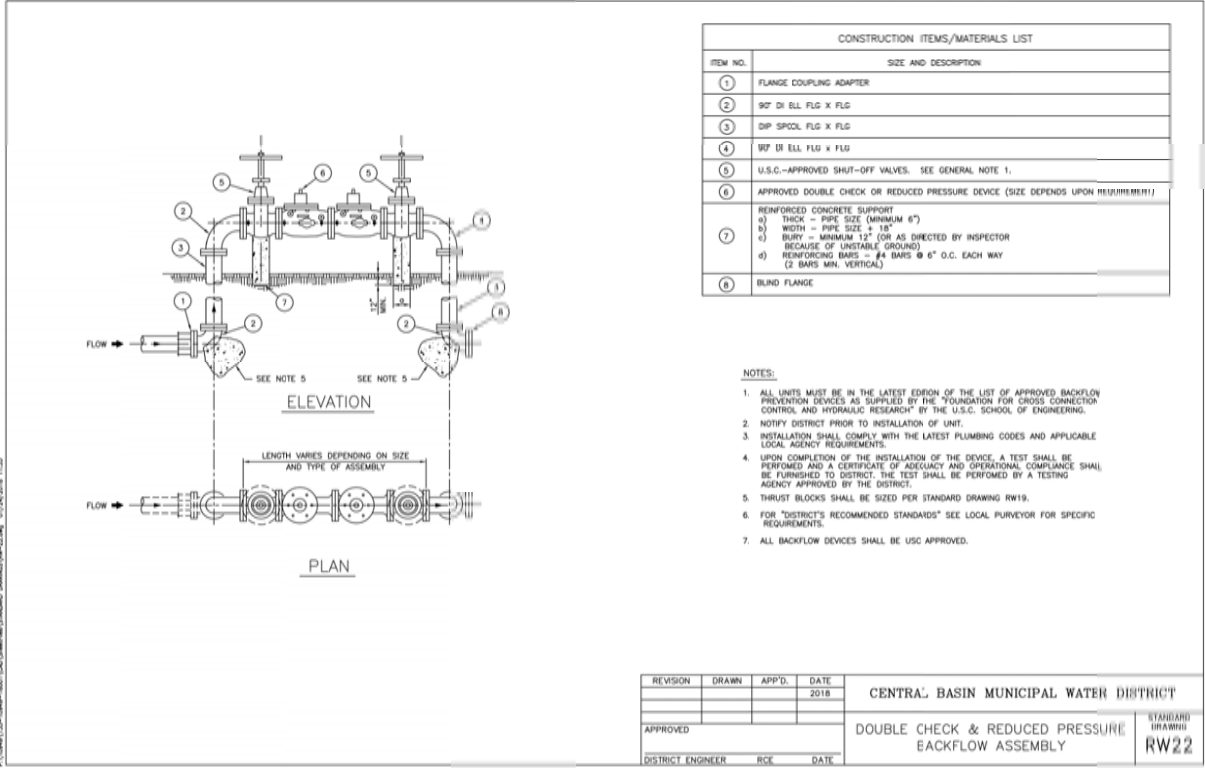
DRAWING NO.  
**C-24**

SHT NO. 24 OF 26

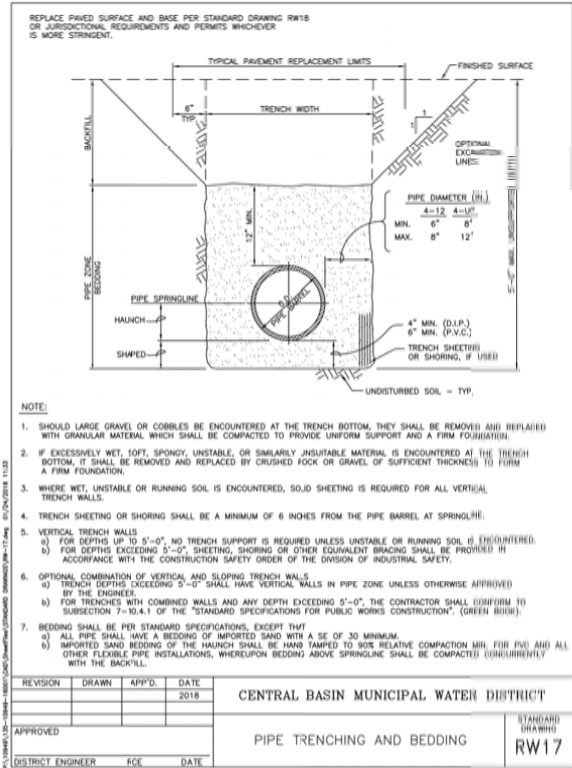




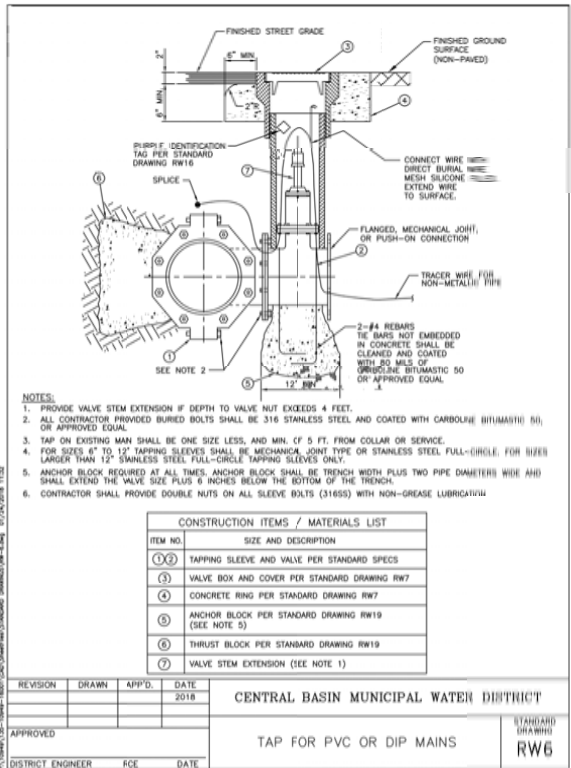




DOUBLE CHECK AND REDUCED PRESSURE BACKFLOW ASSEMBLY DETAIL  
N.T.S.



PIPE TRENCHING AND BEDDING DETAIL  
N.T.S.



TAPPING VALVE DETAIL  
N.T.S.

						PROGRESS: 1ST SUBMITTAL
						SUBMITTAL DATE: ---
						PROJECT MANAGER: JM
						DESIGNED BY: CM
						DRAWN BY: JH,RM
						CHECKED BY: JM
REV	DESCRIPTION	ENGR	DATE	APPD	DATE	



CENTRAL BASIN MUNICIPAL WATER DISTRICT  
PROP 1 RECYCLED WATER CUSTOMER CONVERSION  
FOR DISADVANTAGED COMMUNITIES

DETAILS

DRAWING NO.  
**C-26**  
SHT NO. 26 OF 26