

<u>SYMBOLS:</u>	<u>LEGEND:</u>
	EXISTING WATER
	EXISTING SEWER
	EXISTING STORM DRAIN GREATER THAN 58"
	EXISTING STORM DRAIN
	EXISTING GAS
	EXISTING ELECTRIC
	EXISTING TELEPHONE
	EXISTING FIBER OPTIC CABLE
	CURB
	RIGHT OF WAY
	CENTERLINE
	PROPOSED WATER
	EXISTING MONUMENT
	PROPOSED VALVE
	STORM DRAIN MANHOLE
	WATER BACK FLOW PREVENTION DEVICE
	ELECTRICAL, TELEPHONE, OR FOC BOX
	DEMOLISH
	EDGE OF PAVEMENT

ABBREVIATIONS:

A.C.	ASPHALT CONCRETE	MJ	MECHANICAL JOINT
AV/AR	AIR VACUUM AND AIR RELEASE VALVE	MIL	MILLIMETER
AVE.	AVENUE	MIN	MINIMUM
BC	BEGINNING OF CURVE	(N)	NEW
BLDG	BUILDING	N&S	NORTH AND SOUTH
B.O.P.	BOTTOM OF PIPE	NO	NUMBER
CL	CENTERLINE	OC	ON CENTER
CL	CLASS	OD	OUTSIDE DIAMETER
CML&C	CEMENT MORTAR LINED AND COATED	PE	POLYETHYLENE
CONC.	CONCRETE	PP	PROPOSED PIPE
CONT	CONTINUOUS	PVC	POLYVINYL CHLORIDE PIPE
CT.	COURT	PWY	PARKWAY
D.I.	DUCTILE IRON	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	RD.	ROAD
D.I.P.	DUCTILE IRON PIPE	REQ'D	REQUIRED
DR.	DRIVE	RW	RESILIENT WEDGE
DR	DIMENSION RATIO	R/W	RIGHT-OF-WAY
(E)	EXISTING	SS	SANITARY SEWER
E	EAST	S	SLOPE
E	ELECTRICAL	SCH	SCHEDULE
EC	ELECTRICAL	SD	STORM DRAIN
ELEC	ELECTRIC	SE	SAND EQUIVALENT
EL	ELEVATION	SHT	SHEET
FLG	FLANGE	ST.	STREET
F.H.	FIRE HYDRANT	STA.	STATION
FLG	FLANGE	STL	STEEL
FM	FORCE MAIN	T	TELEPHONE
FRP	FIBERGLASS REINFORCED PLASTIC	THK	THICK
FT.	FEET	TYP	TYPICAL
G	GAS	UNK	UNKNOWN
GALV	GALVANIZED	VCP	VITRIFIED CLAY PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WTR	WATER
HGL	HYDRAULIC GRADE LINE	W	WEST
HORIZ.	HORIZONTAL	W/	WITH
ID	INSIDE DIAMETER	WY	WAY
IPS	IRON PIPE SIZE		
IRRA	IRRIGATION WATER PIPE		
LN	LANE		

GENERAL NOTES:

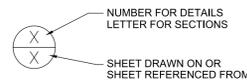
- ALL WORK AND MATERIALS SHALL COMPLY WITH THE SPECIFICATIONS AND STANDARD PLANS OF THE CITY OF CORONA PUBLIC WORKS AND DEPARTMENT OF WATER AND POWER, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATA HEREIN ARE MADE PART OF THE CONTRACT DOCUMENTS.
- PRIOR TO ANY CONSTRUCTION WORK, THE CONTRACTOR SHALL OBTAIN A CITY BUSINESS LICENSE, AND A PUBLIC WORKS CONSTRUCTION PERMIT.
- INSPECTION TO BE CALLED FOR THROUGH THE CITY OF CORONA PUBLIC WORKS: (951) 279-3511, TWO WORKING DAYS PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (811) TWO FULL WORKING DAYS (48 HOURS MINIMUM) IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES, AND OBTAIN AN IDENTIFICATION NUMBER PRIOR TO PERMIT ISSUANCE, INCLUDING PAVEMENT REMOVAL, EXCAVATION AND A.C. OVERLAY, WHICH COULD AFFECT ANY UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST TWO FULL WORKING DAYS (TWO WORKING DAYS MINIMUM) PRIOR TO BEGINNING ANY CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
- THE CONTRACTOR SHALL EXCAVATE INSPECTION HOLES (POT HOLES) AND DETERMINE THE LOCATIONS AND DEPTH OF ALL UNDERGROUND STRUCTURES AND UTILITIES THAT ARE IN THE CITY OF AND/OR MAYBE AFFECTED BY THE PROPOSED IMPROVEMENT WORK PRIOR TO PERFORMING ANY CONSTRUCTION WORK WHICH COULD BE DAMAGE OR CONFLICT WITH SAID STRUCTURES AND/OR UTILITIES.
- ALL MATERIALS SHALL BE AS SHOWN BY THE CONTRACT DOCUMENTS AND METHODS SHALL BE SUBJECT TO THE APPROVAL OF THE CITY'S AUTHORIZED REPRESENTATIVE.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING DAMAGED OR ALTERED EXISTING IMPROVEMENTS WITHIN PUBLIC RIGHT-OF-WAY OR PROJECT SITE AS DIRECTED BY THE CITY'S AUTHORIZED REPRESENTATIVE, TO PRE-CONSTRUCTION CONDITION OR BETTER.
- IF ANY EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH PROPOSED IMPROVEMENTS, WORK IN THE EFFECTED AREA SHALL STOP AND THE CITY'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
- ALL IRRIGATION LINES AND LANDSCAPING EFFECTED BY CONTRACTOR'S WORK SHALL BE REPLACED IN KIND AT NO COST TO THE OWNER. CONTRACTOR SHALL ENSURE IRRIGATION SYSTEM REMAINS OPERATIONAL AT ALL TIMES.
- ALL SURVEY MONUMENTS SHALL BE PROTECTED AND MAINTAINED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR AT THE DIRECTION OF THE CITY'S AUTHORIZED REPRESENTATIVE AND SHALL BE INCLUDED IN THE PRICE FOR THE WORK.
- AS-BUILT ORIGINAL PLANS SHALL BE FURNISHED BY THE CONTRACTOR TO THE CITY OF CORONA PRIOR TO THE CITY'S FILING OF THE NOTICE OF COMPLETION AND SUBSEQUENT RELEASE OF RETENTION.
- THE CONTRACTOR SHALL NOT ORDER OR PLACE ANY PORTLAND CEMENT CONCRETE OR ASPHALT CONCRETE PAVING UNTIL THE FORMS AND SUBGRADE AND/OR AGGREGATE BASE HAS BEEN INSPECTED AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE IN THE FIELD.
- THE FINAL SURFACE LAYER OR ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE AND OFF-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL GRADING AND ALL UNACCEPTABLE CONCRETE WORK AND DEBRIS HAS BEEN REMOVED UNLESS APPROVED OTHERWISE IN WRITING BY THE CITY'S AUTHORIZED REPRESENTATIVE.
- ALL THRUST BLOCKS AND RESTRAINED JOINTS SHALL BE CONSTRUCTED PER CITY OF CORONA STANDARD, DWGS. 401-403B WHERE IDENTIFIED ON THESE PLANS.
- ALL FRAMES, COVERS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO FINISHED GRADE IN ACCORDANCE WITH CORONA CITY STANDARD DWG 111-0 PRIOR TO PLACING OF ASPHALT CONCRETE SURFACE COURSE. ALL EXISTING FRAMES, COVERS, VALVE BOXES, ETC. SHALL REMAIN EXPOSED AND VISIBLE, AND SHALL NOT BE PAVED OVER DURING SURFACE RESTORATION. ALL TRENCH BEDDING AND BACKFILL TO BE PERFORMED AT IMPROVED AREA SHALL BE DONE IN ACCORDANCE WITH STANDARD PLAN 108, AND SHALL BE CONTINUOUSLY INSPECTED, TESTED AND CERTIFIED BY A SOILS ENGINEER.
- ALL TRENCH BEDDING AND BACKFILL AT THE PROJECT SITE SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE SECTION OF CITY OF CORONA STANDARD PLAN 108-1 MODIFIED EXCEPT THAT EXCAVATED MATERIALS CONSIDERED AS SUITABLE FOR BACKFILL BY THE SOILS ENGINEER AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE. MAY BE USED FOR BACKFILL. IN ADDITION, ALL TRENCH BEDDING AND BACKFILL SHALL BE CONTINUOUSLY INSPECTED, TESTED, AND CERTIFIED BY A SOILS ENGINEER. CERTIFICATION SHALL BE ON A CITY "SUPERVISED TRENCH BEDDING AND BACKFILL INSPECTION CERTIFICATE." FIELD DENSITY TEST SHALL BE MADE AT A FREQUENCY DETERMINED BY THE SOILS ENGINEER AND AS APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE. PRIOR TO ACCEPTANCE OF THE TRENCH BEDDING AND BACKFILL BY THE CITY, THE SOILS ENGINEER SHALL SUBMIT A CERTIFIED REPORT TO THE CITY'S AUTHORIZED REPRESENTATIVE SUMMARIZING ALL TESTS TAKEN, INCLUDING DATES AND LOCATIONS.
- TRENCHES SHALL HAVE SHAPED BEDDING.
- NO TRENCH MAY BE LEFT OPEN OVERNIGHT UNLESS AUTHORIZED IN ADVANCE IN WRITING BY THE CITY'S AUTHORIZED REPRESENTATIVE.
- ALL UTILITIES SHALL BE INSTALLED, TESTED, AND APPROVED PRIOR TO FINAL STREET PAVING.
- PRIOR TO TAKING ANY WATER FROM THE CITY FIRE HYDRANTS, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CORONA DEPARTMENT OF WATER AND POWER TO OBTAIN A FIRE HYDRANT WATER METER TO BE USED AT APPROVED LOCATIONS ONLY. THE COST OF THE CONSTRUCTION METER DEPOSIT SHALL BE BORNE BY THE CONTRACTOR. THE DEPARTMENT OF WATER AND POWER WILL PROVIDE FOR THE WATER. THE CONTRACTOR SHALL PROVIDE A CDHS APPROVED BACKFLOW DEVICE AT THE CITY APPROVED LOCATION(S) ONLY.
- CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE WATER VALVE. CONTACT CITY OF CORONA DWP CONSTRUCTION AND INFRASTRUCTURE MANAGER AT (951) 736-2234 TO COORDINATE SHUT OFFS.
- DISPOSAL OF ALL UNUSED MATERIALS, AC PAVEMENT, BASE, SOIL, PRETREATED BASE, ETC. SHALL BE INCLUDED AS PART OF THE CONTRACTOR'S UNIT PRICE AND/OR LUMP SUM PRICE FOR THE WORK.
- THE LOCATION OF EXISTING FEATURES AS INDICATED ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING FEATURES.
- CONTRACTOR SHALL HIRE A SURVEYOR TO ESTABLISH BUILDING CORNERS AND ELEVATIONS.
- CONTRACTOR TO PROTECT IN PLACE THE EXISTING LANDSCAPING AND REPLACE IN-KIND, LANDSCAPING & IRRIGATION DAMAGED OR AFFECTED BY CONSTRUCTION.

TRAFFIC CONTROL AND PEDESTRIAN PLAN GENERAL NOTES

- It is the responsibility of the Contractor performing work on a public street to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required by City to Ensure the safe movement of traffic and pedestrians through or around the work area and provide maximum protection and safety to construction workers.
- Flashing warning lights are to warn drivers of approaching constructions and steady burning lights are to delineate the change of street alignment; and barricades are to protect the work areas. For night time delineation, all barricades and delineators shall be equipped with battery-powered flashing/steady burn warning lights.
- The Contractor shall notify City of Corona Public Works Department at least five (5) Working Days in advance of implementing any construction detour.
- All sign, delineators, barricades, etc., shall conform to the State of California Standard Specifications dated 1996 and California Department of Transportation "Manual of Traffic Control, for Construction and Maintenance Work Zones" (Revision 2), and the Work Area Traffic Control Handbook (WATCH, 2009 Edition).
- The City Public Works Departments reserve the right to observe these traffic control plans in use and to make any necessary changes as field conditions warrant. Any changes shall supersede these plans and will be done solely at the Contractor's expense.
- The Contractor shall notify RTA (909) 684-0850 or any other affected transit services at least 48 hours prior to start of construction which will interfere with normal bus service.
- All traffic control devices shall be kept in their proper position at all times, and shall be repaired, replaced, or cleaned as necessary to preserve their appearance and continuity.
- The Contractor shall cover all conflicting speed limit signs during construction.
- Five-foot clearance shall be maintained between open excavation and adjacent moving traffic lane except as shown on traffic control plans. Open trench with less than 5-foot clearance shall be covered with steel plate for traffic or back-filled immediately after excavation.
- The name and phone number (24-hour availability) of the Contractor's safety coordinator and traffic control device maintenance monitor will be provided to the City and any change in assigned personnel or phone number will be reported immediately to the City.
- All delineators shall be traffic cones with 28" height minimum and a 13" minimum white reflective sleeve.
- The Contractor is responsible for replacing all striping, pavement markings, traffic loops, etc. removed/damaged due to construction activities. Contractor shall protect all traffic signs/signals in place, and repair or replace all damaged or destroyed signal loops, pavement marking and traffic strips.
- All conflicting stripes, pavement markings and legends shall be covered by black detour grade tape prior to any change in the traffic pattern.
- Contractor shall post advance warning signs at least two weeks prior to construction.
- Hours of operation/construction are to be between 8:30 a.m. and 3:30 p.m. in right-of-way (except as indicated on Traffic Control Plans) and between 7:00 a.m. and 3:30 p.m. on site.
- The project site is adjacent to a city community park. The project site including construction area, storage areas, and work areas shall be fenced and equipped with lockable gates. Contractor shall be responsible for security to prevent entry by unauthorized individuals. Security measures shall include but not be limited to signage, fencing, and gates.

TELEPHONE NUMBERS:

<u>EMERGENCY</u>		
CORONA POLICE DEPARTMENT	911 OR (951) 736-2333	
CORONA FIRE DEPARTMENT	911 OR (951) 736-2222	
CORONA COMMUNITY HOSPITAL, 812 S. WASHBURN	(951) 737-4343	
<u>UTILITIES</u>		
UNDERGROUND SERVICE ALERT (USA)	811	
CITY OF CORONA UTILITY SERVICES	(951) 736-6000	
SOUTHERN CALIFORNIA GAS	(800) 427-2200	
SOUTHERN CALIFORNIA EDISON	(800) 611-1911	
AT&T	(951) 811-2130	
AMERICAN TELEPHONE AND TELEGRAPH	(951) 381-7380	
SPRINT (FIBER OPTICS)	(800) 521-0579	
<u>OTHERS</u>		
CORONA PUBLIC WORKS DEPARTMENT	(951) 736-2266	
R.F. DICKSON STREET SWEEPING	(800) 841-7994	
WASTE MANAGEMENT	(951) 737-0343	
CORONA POLICE DEPARTMENT (FOR STREET CLOSURE)	(951) 736-2330	
CORONA FIRE DEPARTMENT (FOR STREET CLOSURE)	(951) 736-2221	
CORONA PARKS AND RECREATION	(951) 736-2241	
<u>WESTERN MUNICIPAL WATER DISTRICT</u>		
ARLINGTON DESALTER STAFF	(951) 353-9645	
WESTERN ON-CALL STAFF	(951) 789-5109	
WESTERN ANSWERING SERVICE	(951) 782-2960	
WESTERN OPERATIONS	(951) 789-5110	
WESTERN HEADQUARTERS	(951) 789-5000	



DETAIL OR SECTION REFERENCE

AKM JOB No. 0760890.00

**Underground Service Alert**

Call: TOLL FREE **811**

TWO WORKING DAYS BEFORE YOU DIG

<p>24x36 FORMAT IF THIS BAR MEASURES 1" THEN DRAWING SCALE IS AS NOTED</p> <p>12x18 FORMAT WARNING IF THIS BAR MEASURES 1/2" THEN DRAWING IS NOT FULL SCALE AND IS 50% REDUCED</p>	Designed by KEVIN SALEH	Drawn by CADD	Checked by GARY J. HOBSON	PLANS PREPARED UNDER SUPERVISION OF GARY J. HOBSON	Date: MARCH 2010	R.C.E. No. 40779		AKM CONSULTING ENGINEERS 553 WALD IRVINE, CA. 92618 (949) 753-7333
Date		By	REVISIONS		App'd			

CDWP _____	Department of Water and Power Approval	Approved _____	Approved _____	CITY OF CORONA - ARLINGTON DESALTER CONNECTION	Drawing No. 09-050U
WMWD _____	By: Donald A. Williams, P.E. R.C.E. No. 32333 EXP 12/31/2010	By: Jeffrey D. Sims, P.E. R.C.E. No. 48212, Exp. 12/31/10 Assistant General Manager/ Chief Operations Officer	By: Kip D. Field, P.E. R.C.E. No. 45679, Exp. 12/31/10 Public Works Director	WESTERN MUNICIPAL WATER DISTRICT - PROMENADE CONNECTION	T-2
				GENERAL NOTES, ABBREVIATIONS, AND LEGEND	Sht. 2 of 24

