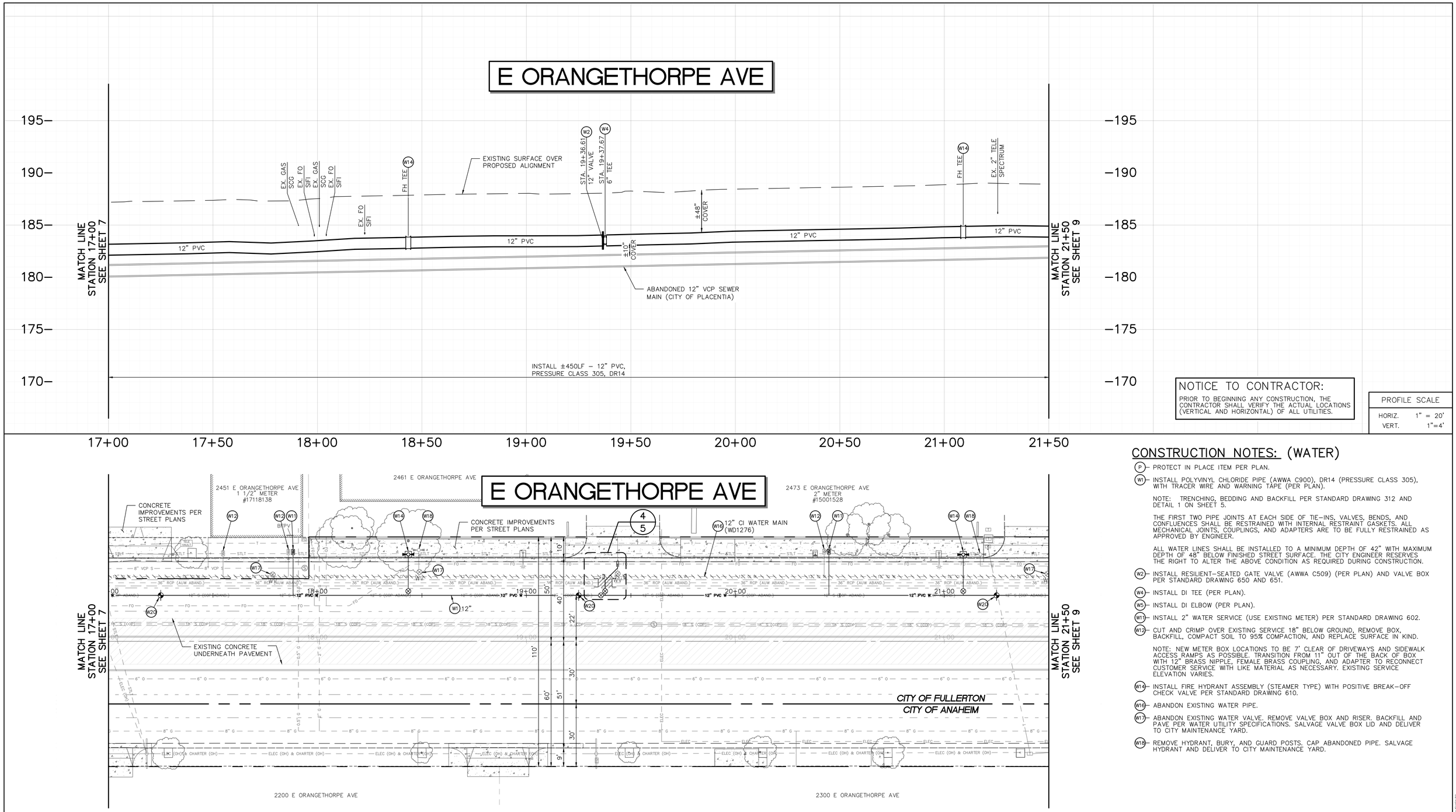

NOTICE TO CONTRACTOR:

PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES.

PROFILE SCALE	
HORIZ.	1" = 20'
VERT.	1"=4'

CIP 44062 - ORANGETHORPE AVENUE INFRASTRUCTURE IMPROVEMENTS

CONSTRUCTION NOTES: (WATER)

(P) – PROTECT IN PLACE ITEM PER PLAN.

(W1) – INSTALL POLYVINYL CHLORIDE PIPE (AWWA C900), DR14 (PRESSURE CLASS 305), WITH TRACER WIRE AND WARNING TAPE (PER PLAN).

NOTE: TRENCHING, BEDDING AND BACKFILL PER STANDARD DRAWING 312 AND DETAIL 1 ON SHEET 5.

THE FIRST TWO PIPE JOINTS AT EACH SIDE OF TIE–INS, VALVES, BENDS, AND CONFLUENCES SHALL BE RESTRAINED WITH INTERNAL RESTRAINT GASKETS. ALL MECHANICAL JOINTS, COUPLINGS, AND ADAPTERS ARE TO BE FULLY RESTRAINED AS APPROVED BY ENGINEER.

ALL WATER LINES SHALL BE INSTALLED TO A MINIMUM DEPTH OF 42" WITH MAXIMUM DEPTH OF 48" BELOW FINISHED STREET SURFACE. THE CITY ENGINEER RESERVES THE RIGHT TO ALTER THE ABOVE CONDITION AS REQUIRED DURING CONSTRUCTION.

(W2) – INSTALL RESILIENT–SEATED GATE VALVE (AWWA C509) (PER PLAN) AND VALVE BOX PER STANDARD DRAWING 650 AND 651.

(W4) – INSTALL DI TEE (PER PLAN).

(W5) – INSTALL DI ELBOW (PER PLAN).

(W11) – INSTALL 2" WATER SERVICE (USE EXISTING METER) PER STANDARD DRAWING 602.

(W12) – CUT AND CRIMP OVER EXISTING SERVICE 18" BELOW GROUND, REMOVE BOX, BACKFILL, COMPACT SOIL TO 95% COMPACTION, AND REPLACE SURFACE IN KIND.

NOTE: NEW METER BOX LOCATIONS TO BE 7' CLEAR OF DRIVEWAYS AND SIDEWALK ACCESS RAMPS AS POSSIBLE. TRANSITION FROM 11" OUT OF THE BACK OF BOX WITH 12" BRASS NIPPLE, FEMALE BRASS COUPLING, AND ADAPTER TO RECONNECT CUSTOMER SERVICE WITH LIKE MATERIAL AS NECESSARY. EXISTING SERVICE ELEVATION VARIES.

(W14) – INSTALL FIRE HYDRANT ASSEMBLY (STEAMER TYPE) WITH POSITIVE BREAK–OFF CHECK VALVE PER STANDARD DRAWING 610.

(W16) – ABANDON EXISTING WATER PIPE.

(W17) – ABANDON EXISTING WATER VALVE. REMOVE VALVE BOX AND RISER. BACKFILL AND PAVE PER WATER UTILITY SPECIFICATIONS. SALVAGE VALVE BOX LID AND DELIVER TO CITY MAINTENANCE YARD.

(W18) – REMOVE HYDRANT, BURY, AND GUARD POSTS. CAP ABANDONED PIPE. SALVAGE HYDRANT AND DELIVER TO CITY MAINTENANCE YARD.

NOTICE TO CONTRACTOR:

EXISTING UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS OF PARENT UTILITY COMPANIES AND MAY NOT ACCURATELY REPRESENT THEIR ACTUAL LOCATIONS. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES, IN THE FIELD OR COORDINATE SUCH INDEPENDENT VERIFICATION WITH THE PARENT UTILITY COMPANIES AND PROVIDE THE CITY WITH THE POTHOLE INFORMATION. THE CONTRACTOR SHALL PROTECT IN PLACE OR COORDINATE WITH PARENT COMPANY FOR THE RELOCATION OF CONFLICTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.

GRAPHIC SCALE

–20 0 10 20 40 80

(IN FEET)
1" = 20'

TITLE SHEET: FILE 7082

THESE PLANS WERE PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
DAVID A. GRANTHAM
C59999
CIVIL
STATE OF CALIFORNIA

SIGNATURE DATE

REVISIONS

NUMBER	DESCRIPTION	DATE

	INITIALS	DATE
DRAWN	MJ	5/24
DESIGNED	MJ	5/24
REVIEWED	DG	5/24
STREET		
SEWER		
DRAINAGE		
WATER		
TRAFFIC		
UTILITY/ELEC		
LANDSCAPE		
FACILITIES		
GENERAL ENG		
DESIGN ENG		
INSPECTION		
PARKS & REC		
AS–BUILT		

CITY OF FULLERTON

PUBLIC WORKS DEPARTMENT

ORANGETHORPE AVENUE INFRASTRUCTURE IMPROVEMENTS
CIP PROJECT 44062

WATER IMPROVEMENTS
E ORANGETHORPE AVE
17+00 TO 21+50

APPROVED: DATE CITY ENGINEER/ASSISTANT PUBLIC WORKS DIRECTOR

ACCEPTED: DATE PUBLIC WORKS DIRECTOR

SCALE: 1" = 20'

SHEET 8 OF 21 SHEETS

B.M.: CITY OF FULLERTON BM NO.: BM 36–14A. PK NAIL IN LEAD. NW COR ORANGETHORPE & PLACENTIA AVE. N CURB OF ORANGETHORPE, 1' WEST OF ECR. ELEV = 191.12'

FILE: WD1869

PROJECT: 44062 - ORANGETHORPE AVENUE INFRASTRUCTURE IMPROVEMENTS
SHEET TITLE: E ORANGETHORPE AVE - STA.17+00 TO STA. 21+50
FILE NUMBER: WD1869
TITLE SHEET: 7082

FILE PATH: T:\ENGINEERING\CIP\44062 ORANGETHORPE AVE – ST COLLEGE TO PLACENTIA\DWG\SHEET\44062-SHT-06-11_WATER.DWG, PLOT TIME: 6/5/2024 5:25:10 PM