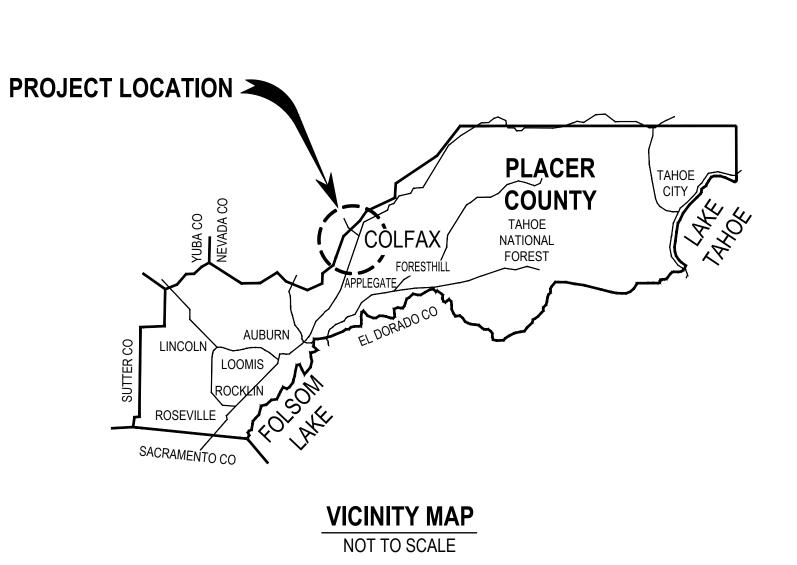
PROJECT PLANS FOR

CITY OF COLFAX CDBG ROAD REHABILITATION **PROJECT**

NOVEMBER 2023

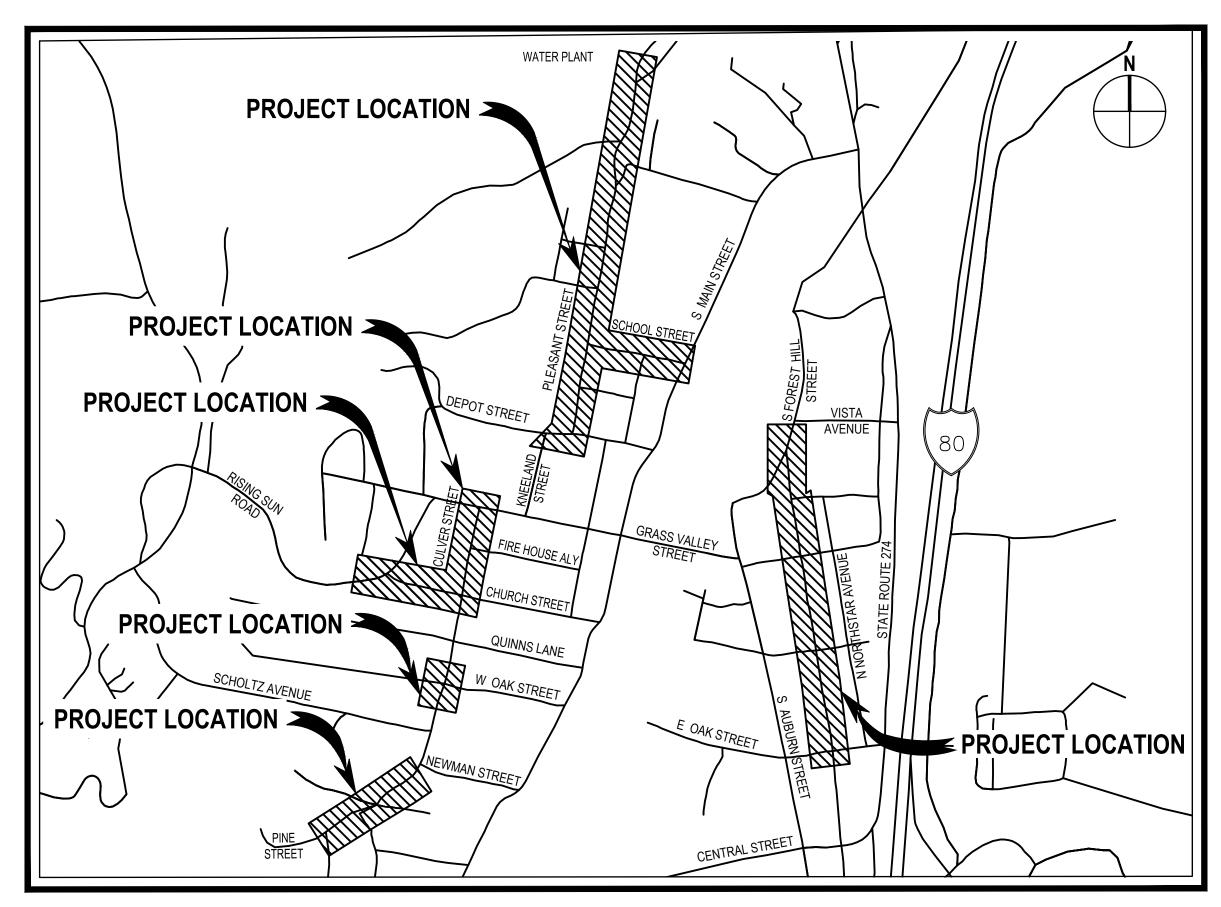
CITY OF COLFAX

PLACER COUNTY, CALIFORNIA FOR USE IN CONJUNCTION WITH CALTRANS STANDARD SPECIFICATIONS, DATED 2018 CALTRANS STANDARD PLANS, DATED 2018



GEOTECHNICAL ENGINEER:

CRAWFORD & ASSOCIATES, INC. 1100 CORPORATE WAY, SUITE 230 SACRAMENTO, CA 95831 916-455-4225



LOCATION MAP NOT TO SCALE

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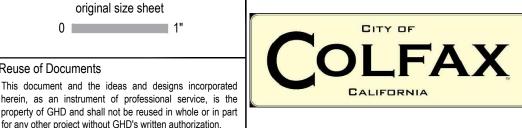
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APPROVED BY	DATE 12/5/2023					
CARL MOORE City Engineer RCE 62181						

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lient CITY OF COLFAX roject CDBG ROAD REHABILITATION PROJECT tle TITLE SHEET

ANSI D Sheet No. T1

Sheet **1** of **27**

GENERAL NOTES:

- 1. EXCAVATIONS OVER FIVE FEET (5') DEEP REQUIRE AN EXCAVATION PERMIT FROM THE STATE DEPARTMENT OF INDUSTRIAL SAFETY.
- 2. CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" AT (800) 642--2444 AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION FOR LOCATING UNDERGROUND UTILITIES.
- 3. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- 4. UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- 5. NOTICE TO CONTRACTORS: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO CITY OWNED OR OTHER UTILITIES CAUSED BY HIS OPERATIONS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL BITUMINOUS PAVEMENT, CONCRETE AND REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL AS REQUIRED BY THE ENGINEER AND PER THE SPECIFICATIONS.
- 8. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT COUNTY OF PLACER GENERAL SPECIFICATIONS. ALL REFERENCES TO STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SHALL REFER TO 2018 EDITION OF THE STANDARD SPECIFICATIONS. ATTENTION IS ALSO DIRECTED TO THE STANDARD PLATES CONTAINED IN THE PLACER COUNTY LAND DEVELOPMENT MANUAL AND THE 2018 EDITION OF THE CALTRANS STANDARD PLANS, WHICH, WHEN APPLICABLE, ARE INCLUDED IN THESE DRAWINGS AND/OR REFERENCED BY PLATE OR STANDARD PLAN NUMBER. CONTRACTOR IS RESPONSIBLE TO HAVE AVAILABLE A CURRENT SET OF PLACER COUNTY GENERAL SPECIFICATIONS WITH PLATES, CALTRANS STANDARD SPECIFICATIONS, AND CALTRANS STANDARD PLANS.
- 9. PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH COUNTY REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION.
- 10. CONTRACTOR MUST IMMEDIATELY REINSTALL ANY TRAFFIC SIGNS REMOVED IN THE COURSE OF CONSTRUCTION. ANY SIGNS LOST OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- 11. THE CITY MAY REQUIRE THE CONTRACTOR TO UNCOVER ANY IMPROVEMENTS THAT HAVE BEEN COMPLETED WITHOUT PROPER CITY INSPECTION AND/OR APPROVAL. IF THE INSTALLATION IS FOUND NOT TO MEET CITY STANDARDS OR PREVIOUSLY APPROVED ALTERNATIVES SHOWN ON THE PLANS, THE CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE SUCH IMPROVEMENTS AT CONTRACTOR EXPENSE.
- 12. PRIOR TO ANY ACTIVITY WITHIN THE CITY RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL C19(CA) OR C23(CA) SIGNS IN ACCORDANCE WITH CHAPTER 6 OF THE CURRENT CAMUTCD MANUAL. THE SIGNS SHALL BE PROFESSIONALLY MADE, METAL, REFLECTORIZED, AND PLACED ON WOODEN POSTS FOR THE DURATION OF THE PROJECT. THE MINIMUM SIZE SHALL BE 36". THE SIGNS SHALL BE REPLACED OR REPAIRED IF STOLEN OR DAMAGED. THE PLACEMENT, TYPE, AND LOCATION OF ALL TRAFFIC CONTROL DEVICES SHALL BE REVIEWED AND APPROVED BY THE ENGINEER. THE ENGINEER OR INSPECTOR SHALL DIRECT THE INSTALLATION OR CHANGES TO SIGNS, STRIPING, CONES, BARRICADES, ETC. DURING THE COURSE OF CONSTRUCTION FOR TRAFFIC SAFETY.
- 13. IF ANY ARCHEOLOGICAL ARTIFACTS. EXOTIC ROCK (NON-NATIVE), OR UNUSUAL AMOUNTS OF SHELL OR BONE ARE UNCOVERED DURING ANY ON-SITE CONSTRUCTION ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY IN THE AREA AND A SOPA-CERTIFIED (SOCIETY OF PROFESSIONAL ARCHAEOLOGISTS) ARCHAEOLOGIST RETAINED TO EVALUATE THE DEPOSIT. THE CITY PLANNING DEPT. AND THE COUNTY DEPT. OF MUSEUMS MUST ALSO BE CONTACTED FOR REVIEW OF THE ARCHAEOLOGICAL FIND(S). IF THE DISCOVERY CONSISTS OF HUMAN REMAINS, THE PLACER COUNTY CORONER AND NATIVE AMERICAN HERITAGE COMMISSION MUST ALSO BE CONTACTED. WORK IN THE AREA MAY ONLY PROCEED AFTER AUTHORIZATION IS GRANTED BY THE CITY OF COLFAX PLANNING DEPARTMENT. FOLLOWING A REVIEW OF THE NEW FIND AND CONSULTATION WITH APPROPRIATE EXPERTS, IF NECESSARY, THE AUTHORITY TO PROCEED MAY BE ACCOMPANIED BY THE ADDITION OF DEVELOPMENT REQUIREMENTS WHICH PROVIDE PROTECTION OF THE SITE AND/OR ADDITIONAL MITIGATION MEASURES NECESSARY TO ADDRESS THE UNIQUE OR SENSITIVE NATURE OF THE SITE.
- 14. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL PROVIDE THE CITY OF COLFAX A TRAFFIC PLAN IN ACCORDANCE WITH THE COUNTY SPECIFICATIONS.
- 15. TEMPORARY TRAFFIC STRIPING MUST BE PROVIDED BY THE CONTRACTOR IF EXISTING DELINEATION IS DESTROYED DURING CONSTRUCTION. PAINTED MARKING OR STRIPING TAPE MAY BE USED. THE TEMPORARY STRIPING MUST BE APPROVED FOR MATERIAL AND LAYOUT BY THE ENGINEER. ALL TEMPORARY PAINTED MARKINGS THAT ARE TO BE REMOVED SHALL BE SANDBLASTED BY THE CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR.
- 16. ONLY THE APPROXIMATE LOCATION OF THE EXISTING STORM DRAINS AND WATER FACILITIES HAVE BEEN SHOWN. THE CONTRACTOR SHALL VERIFY EXACT LOCATION BY POTHOLING IN THE FIELD.
- 17. IF AT ANY TIME DURING THE COURSE OF CONSTRUCTING THE PROPOSED PROJECT EVIDENCE OF SOIL AND/OR GROUNDWATER CONTAMINATION WITH HAZARDOUS MATERIAL IS ENCOUNTERED, THE APPLICANT SHALL IMMEDIATELY STOP THE PROJECT AND CONTACT ENVIRONMENTAL HEALTH SERVICES HAZARDOUS MATERIAL SECTION. THE PROJECT SHALL REMAIN SUSPENDED UNTIL THERE IS A RESOLUTION OF THE CONTAMINATION PROBLEM TO THE SATISFACTION OF ENVIRONMENTAL HEALTH SERVICES AND TO THE REGIONAL WATER QUALITY CONTROL BOARD.

- 18. SCARIFY 6" OF SUBGRADE SHALL BE PAID FOR AS OBLITERATE SURFACING.
- 19. WATER LINE PROTECTIVE CAP SHALL BE PAID FOR A MINOR CONCRETE (BACKFILL).

PAVING NOTES:

- 1. ALL EXISTING AC SURFACES SHALL BE SAWCUT ONE FOOT MINIMUM INSIDE THE EDGE OF PAVEMENT OR AS SHOWING ON THE PLANS TO A NEAT, STRAIGHT LINE AND REMOVED. THE EXPOSED EDGE SHALL BE SEALED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED, AND RESEALED PRIOR TO PAVING.
- . ASPHALT CONCRETE SHALL BE TYPE A, 1/2" MAXIMUM MEDIUM GRADING AND SHALL CONFORM TO THE SPECIAL PROVISIONS FOR HMA (TYPE A).
- AGGREGATE BASE SHALL BE CLASS 2, 3/4" MAXIMUM GRADING. AGGREGATE BASE SHALL CONFORM TO THE SPECIAL PROVISIONS.

FUGITIVE DUST CONTROL:

- THE CONTRACTOR IS TO MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10, CALTRANS SPECIFICATIONS, AND UTILIZE DUST CONTROL MITIGATION APPROVED BY THE AIR POLLUTION CONTROL DISTRICT (A.P.C.D.). PARTICULATE CONTROL MEASURES SHALL ALSO BE USED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.
- 2. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES OUTLINED IN THE "FUGITIVE DUST CONTROL" HANDBOOK AVAILABLE FROM A.P.C.D.
- 3. THE CONTRACTOR SHALL APPLY WATER TO ALL DISTURBED AREAS FOR THE ALLEVIATION OR PREVENTION OF DUST NUISANCE.
- I. DUST PRODUCING CONSTRUCTION ACTIVITIES SHALL BE SUSPENDED DURING PERIODS OF HIGH WINDS (GUSTS EXCEEDING 25 MPH).
- CONSTRUCTION VEHICLES AND EQUIPMENT SHALL BE RESTRICTED TO TRAVEL ALONG WELL WATERED CONSTRUCTION ROUTES AND SHALL BE LIMITED TO A MAXIMUM SPEED OF 15 MPH ON NON-PAVED CONSTRUCTION SITES.
- 5. THE CONTRACTOR SHALL USE TARPAULINS OR OTHER EFFECTIVE COVERS FOR HAUL TRUCKS WHICH TRAVELS IN PUBLIC STREETS.
- 7. EXISTING STREETS AND PAVED ROADS SHALL BE REGULARLY SWEPT AS FAR AS NECESSARY TO ENSURE THAT NOT SILT, DEBRIS OR POLLUTANT ARE CARRIED OVER TO ADJACENT PUBLIC THOROUGHFARES. DO NOT WASH DOWN STREETS WITH WATER UNTIL DIRT AND DUST HAS BEEN REMOVED BY DRY SWEEPING. THIS IS TO PREVENT CONTAMINATION OF WATERWAY WITH SEDIMENT.
- 8. ALL CONSTRUCTION EQUIPMENT SHALL BE CLEANED REGULARLY AND KEPT PROPERLY TUNED TO MINIMIZE THE AMOUNT OF DUST AND POLLUTANTS EMITTED INTO THE AIR.

WATER NOTES:

1. THE CONTRACTOR SHALL PROVIDE TWO WORKING DAYS NOTICE TO PLACER COUNTY WATER AGENCY INSPECTION HOTLINE AT (530) 823-4885 PRIOR TO BEGINNING ANY WORK OVER WATER MAIN FACILITIES.

ABBREVIATIONS

AB CLASS 2 AGGREGATE BASE AC ASPHALT CONCRETE AVRV AIR RELEASE VALVE BC BEGIN CURVE B/C BACK OF CURB BEG BEGIN BO BLOW-OFF VALVE B/W BACK OF WALK BVC BEGIN VERTICAL CURVE C&G CURB & GUTTER CL CENTERLINE CO CLEANOUT DI DROP INLET DWY DRIVEWAY DWS DETECTABLE WARNING SURFACE EC END CURVE EL ELEVATION EP EDGE OF PAVEMENT EXIST, EX EXISTING EXSSN EXISTING SANITARY SEWER NUMBER F/C FACE OF CURB FL FLOWLINE FG FINISHED GRADE	FH GBGR GS GV HMV JP JT L LF LG MH MIN OFF OH PCC PCWA PL	FIRE HYDRANT GAS, GAS MAIN GRADE BREAK GRATE GUTTER SLOPE GATE VALVE HOT MIX ASPHALT INVERT JOINT POLE JOINT UTILITY TRENCH LEFT, LENGTH LINEAL FEET LIP OF GUTTER MAXIMUM MANHOLE MINIMUM OFFSET ORIGINAL GROUND OVERHEAD UTILITY POINT OF COMPOUND CURVE PLACER COUNTY WATER AGENCY POINT OF INTERSECTION PROPERTY LINE	PRC R RL S SD SDDI SDMH SDN SL SSN SSMH STA STD TFC TYP VG W WM WS WV	POINT OF REVERSE CURVE RADIUS, RIGHT LENGTH OF PIPE RESTRAINT SLOPE STORM DRAIN STORM DRAIN DROP INLET STORM DRAIN MANHOLE STORM DRAIN NUMBER SANITARY SEWER SERVICE LATERAL SANITARY SEWER NUMBER SANITARY SEWER NUMBER SANITARY SEWER MANHOLE STATION STANDARD TOP BACK OF CURB TOP FACE OF CURB TYPICAL VALLEY GUTTER WATER, WATER MAIN WATER METER WATER SERVICE LATERAL WATER VALVE
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LEGEND PROPOSED EXISTING EDGE OF PAVEMENT SIDEWALK FENCE OVERHEAD UTILITY WATER MAIN PIPE SEWER LINE ——— SS ——— SS ——— DROP INLET IRRIGATION CONTROL VALVE FIRE HYDRANT JOINT POLE HOSE BIB LIGHT LIGHT \bigcirc -0 SIGN Co Manual 0 UTILITY POLE WATER METER WATER VALVE. UNLESS NOTED OTHERWISE \bowtie STORM DRAIN DRAINAGE INLET STORM DRAIN GRATE STORM DRAIN LINE CONTROL POINT EARTH DITCH REGRADING. GRADE DITCH TO DRAIN IN DIRECTION SHOWN. GRADE BREAK PAVEMENT STRUCTURAL SECTION MINOR CONCRETE DEEP LIFT ASPHALT CONCRETE DETECTABLE WARNING SURFACE

CONSTRUCTION NOTE DESIGNATIONS

ROADWAY AND RELATED ITEMS CONSTRUCTION NOTES

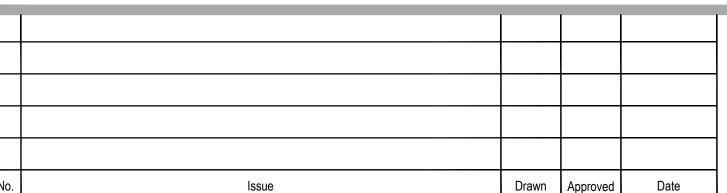
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DETAIL AND SECTION CALLOUTS

DETAILS:

DETAIL ID NUMBER

SHEET NUMBER



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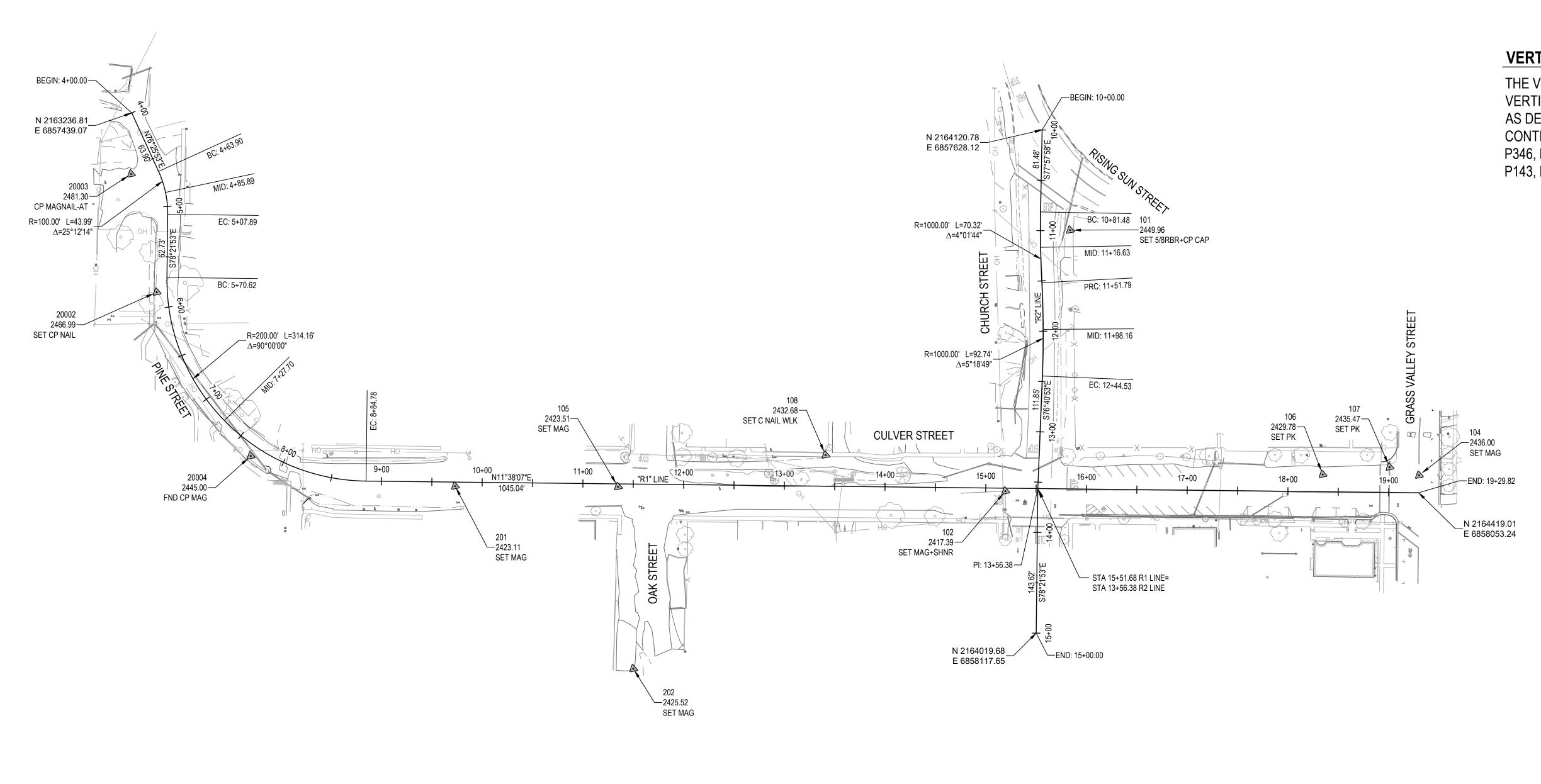


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Drafting Check	ME	Design Check	MJW
Project Manager	MJW	Date	NOVEMBER 9, 2023
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Client CITY OF COLFAX
Project CDBG ROAD REHABILITATION PROJECT

Title NOTES, LEGEND, AND ABBREVIATIONS

Project No. 12617727



BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS CALIFORNIA COORDINATE SYSTEM ZONE 2, NAD83 (2011)(EPOCH 2010.00) AS DETERMINED LOCALLY BY GPS FAST-STATIC TIES TO CONTINUOUS OPERATING REFERENCE STATIONS (CORS) DN7395 P346, DN7372 P310, DG5210 PLSB, DK6402 P336, DN7527 P150, DN4179 P143, DN7574 P267, DN5654 P344 AND DN5642 P149 AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS).

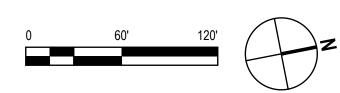
VERTICAL DATUM:

THE VERTICAL DATUM FOR THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). AS DETERMINED LOCALLY BY GPS FAST-STATIC TIES TO CONTINUOUS OPERATING REFERENCE STATIONS (CORS) DN7395 P346, DN7372 P310, DG5210 PLSB, DK6402 P336, DN7527 P150, DN4179 P143, DN7574 P267, DN5654 P344 AND DN5642 P149.

POINT TABLE								
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION				
101	2164129.016	6857731.158	2449.96	SET 5/8RBR+CP CAP				
102	2164016.531	6857973.383	2417.39	SET MAG+SHNR				
104	2164422.668	6858036.259	2436.00	SET MAG				
105	2163639.878	6857895.732	2423.51	SET MAG				
106	2164328.910	6858017.256	2429.78	SET PK				
107	2164395.517	6858022.798	2435.47	SET PK				
108	2163848.125	6857904.216	2432.68	SET C NAIL WLK				
201	2163481.174	6857864.257	2423.11	SET MAG				
202	2163620.285	6858076.015	2425.52	SET MAG				
20002	2163227.156	6857618.599	2466.99	SET CP NAIL				
20003	2163224.625	6857498.492	2481.30	CP MAGNAIL-AT				
20004	2163287.710	6857796.133	2445.00	FND CP MAG				

SURVEY CONTROL PLAN

SCALE: 1" = 60'



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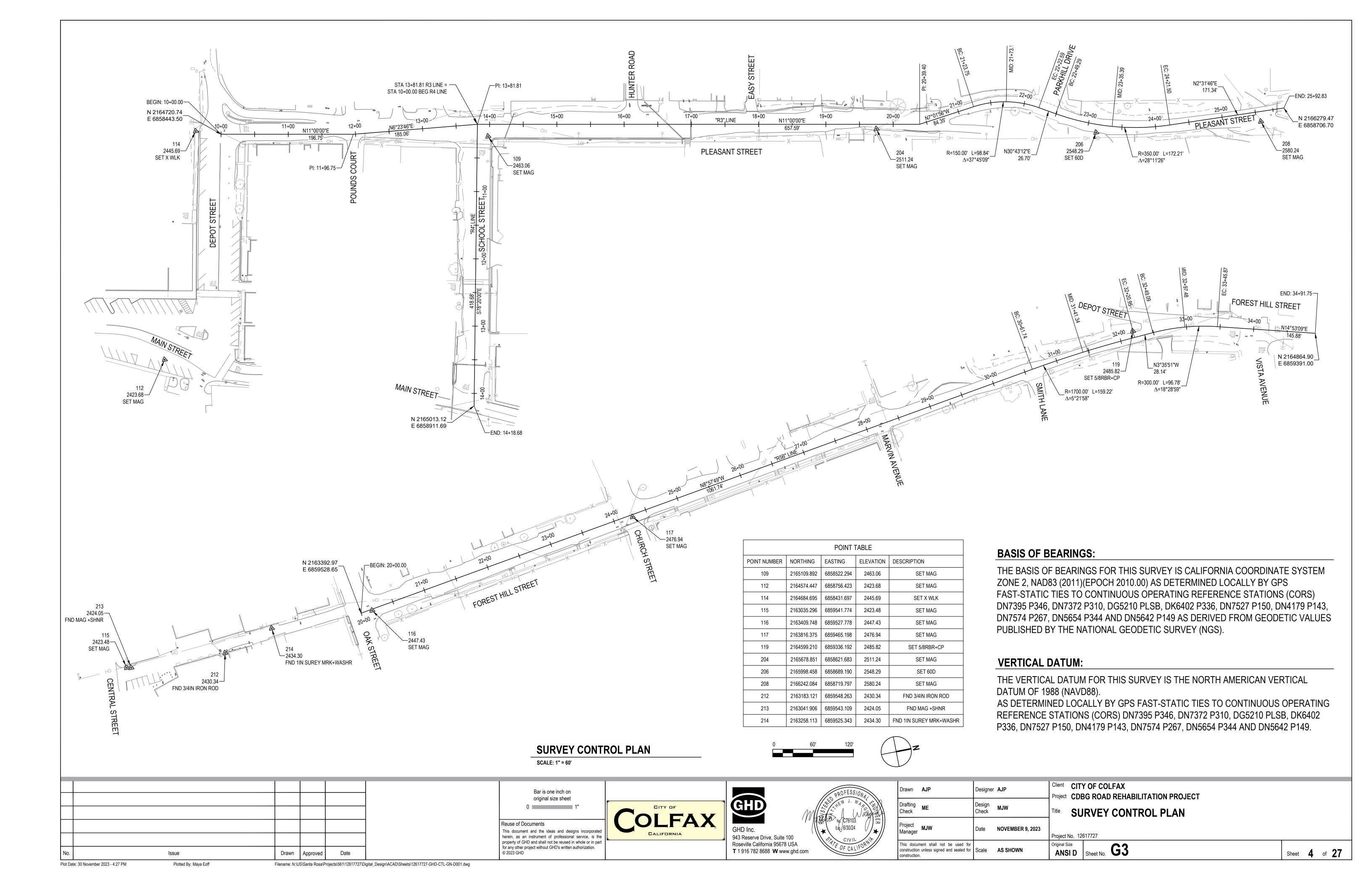


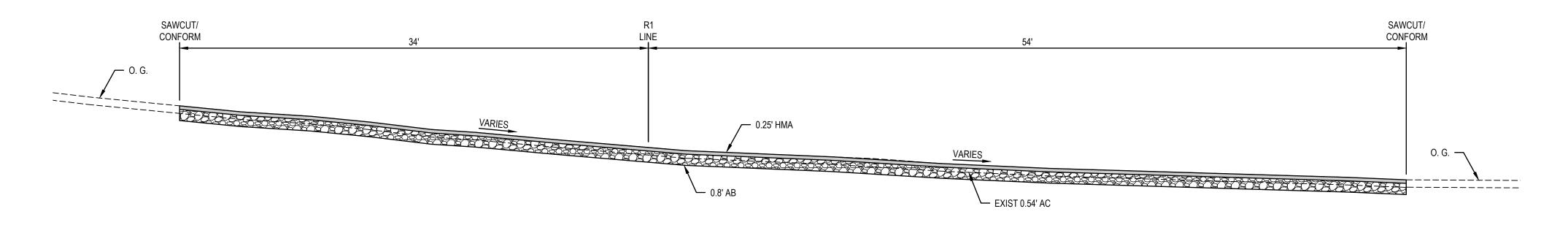


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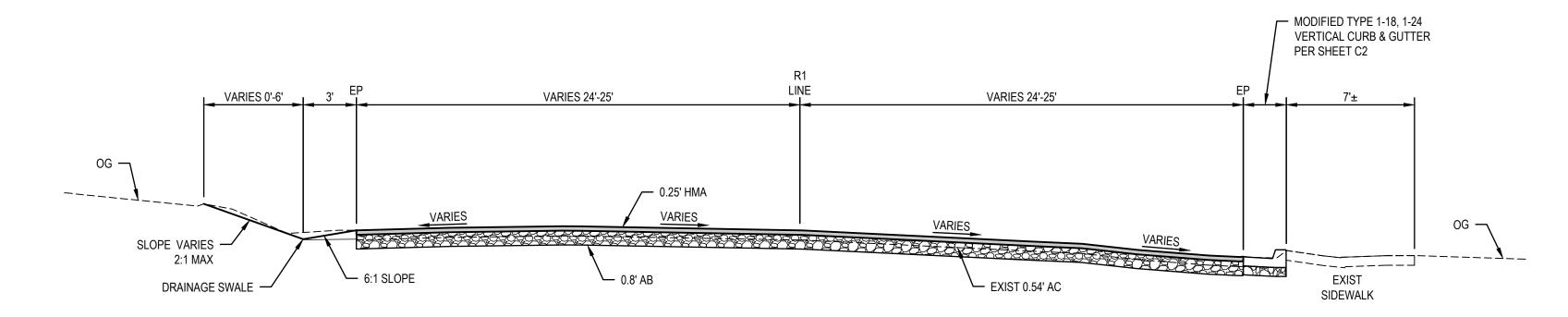
ient CITY OF COLFAX pject CDBG ROAD REHABILITATION PROJECT **SURVEY CONTROL PLAN**

ANSI D Sheet No. **G2** Sheet **3** of **27**

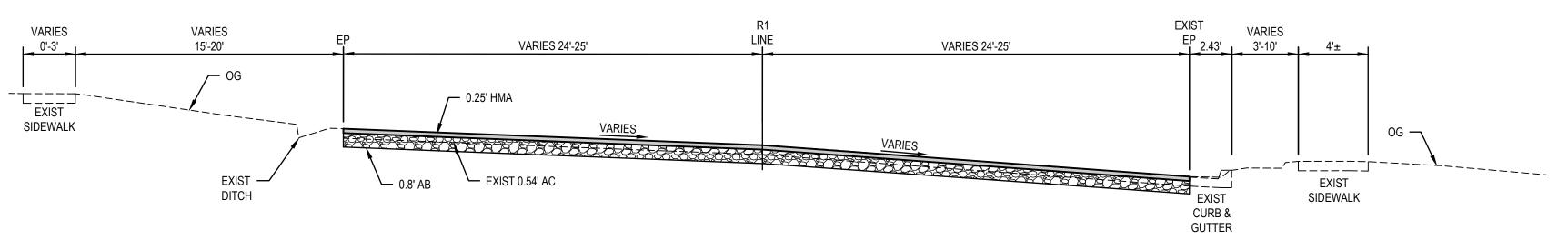




CULVER STREET TYPICAL SECTION - R1 LINE STA 11+45 - 11+84



CULVER STREET TYPICAL SECTION - R1 LINE STA 15+20.02 - 16+60, 18+04 - 18+25

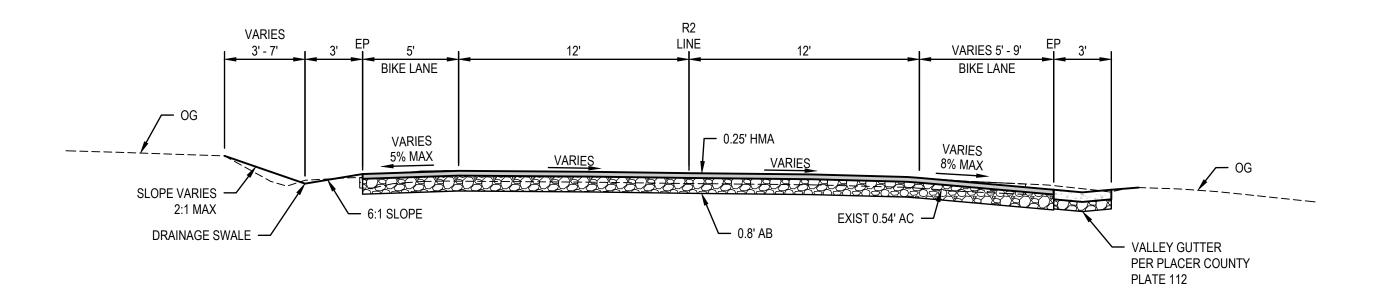


CULVER STREET TYPICAL SECTION - R1 LINE STA 16+60 - 18+04, 18+25 - 19+11.64

GENERAL NOTES:

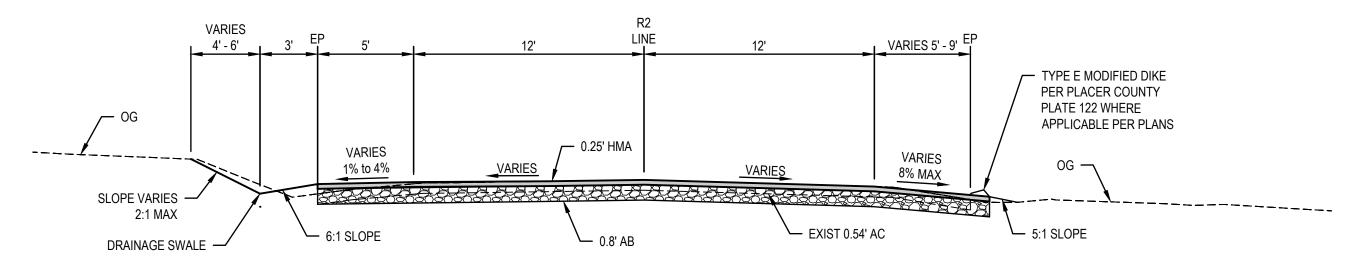
- 1. THE PLACEMENT OF THE NEW STRUCTURAL SECTION (AS SPECIFIED ON CORRESPONDING TYPICAL SECTION AND PLAN & PROFILE SHEETS) IS TO BE PLACED AT THE SAME FINISH GRADE AS THE EXISTING PAVEMENT THAT WAS REMOVED.
- 2. IF DISCREPANCIES EXIST BETWEEN THESE TYPICAL SECTIONS AND THE PLAN & PROFILE SHEETS, THE PLAN & PROFILE SHEETS SHALL GOVERN.

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No. Is Plot Date: 30 November 2023 - 4:28 PM	Approved Date	property of for any othe © 2023 GHI 17727\Digital_Design\ACAD\Sheets\12617727-GHD-TYP-DET-D001.dwg	f GHD and shall not be reused in whole or in part er project without GHD's written authorization.		Roseville California 95678 USA T 1 916 782 8688 W www.ghd.com	F OF CALIFORNIA	This document shall not be used for construction unless signed and sealed for construction.	•	Original Size ANSI D Sheet No. X1 Sheet No. 27



CHURCH STREET TYPICAL SECTION - R2 LINE STA 10+22.40 - 11+59

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2 CHURCH STREET TYPICAL SECTION - R2 LINE STA 11+59 - 13+25

NOT TO SCALE

GENERAL NOTES:

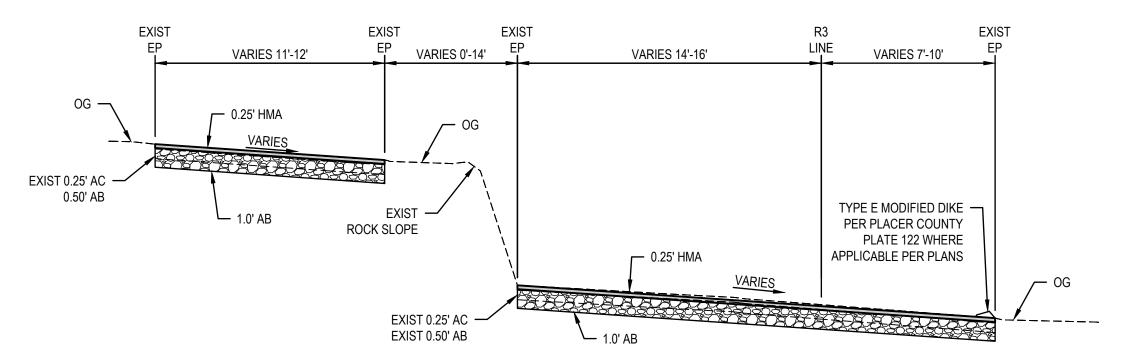
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		Reuse of Documents This document and the ideas and designs incorporated.	GHD Inc.	Exp. 6/30/24	Project MJW	Date NOVEMBER 9, 2023	CHURCH STREET
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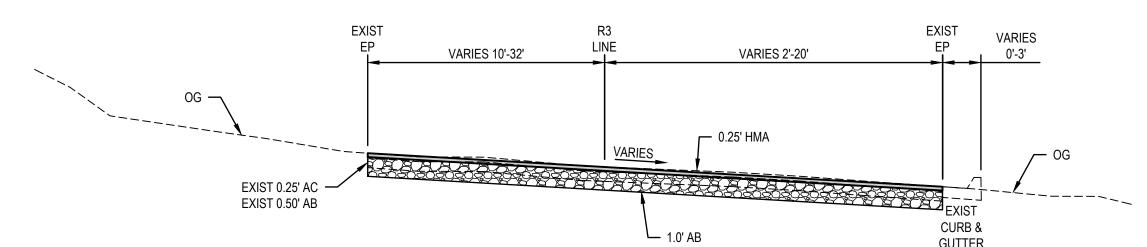
Plotted By: Maya Eoff

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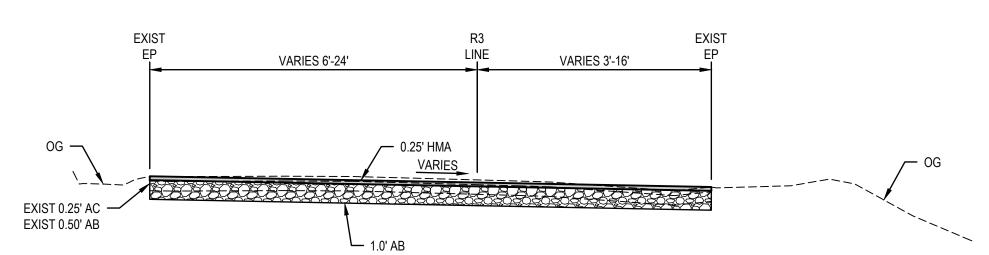


PLEASANT STREET TYPICAL SECTION - R3 LINE STA 10+40 - 11+02

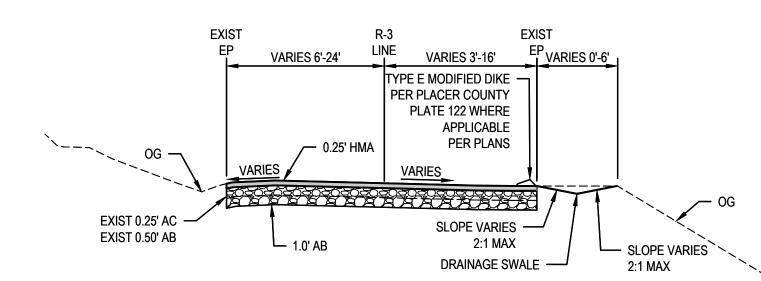
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PLEASANT STREET TYPICAL SECTION - R3 LINE STA 14+01 - 16+91

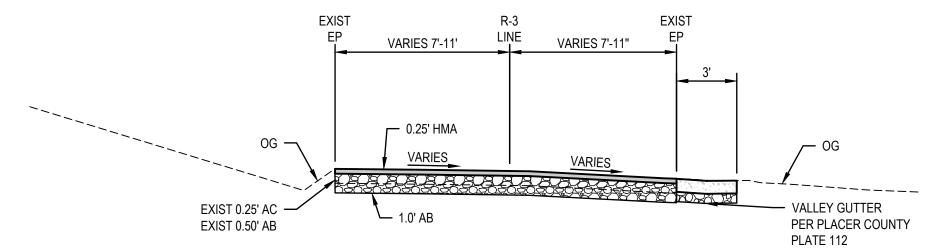


PLEASANT STREET TYPICAL SECTION - R3 LINE STA 16+91 - 19+14, 20+65 - 21+14



PLEASANT STREET TYPICAL SECTION - R3 LINE STA 19+14 - 20+65, 21+14 - 22+56, 23+69 - 24+68

NOT TO SCALE



PLEASANT STREET TYPICAL SECTION - R3 LINE STA 22+56 - 23+70

NOT TO SCALE

GENERAL NOTES:

- 1. THE PLACEMENT OF THE NEW STRUCTURAL SECTION (AS SPECIFIED ON CORRESPONDING TYPICAL SECTION AND PLAN & PROFILE SHEETS) IS TO BE PLACED AT THE SAME FINISH GRADE AS THE EXISTING PAVEMENT THAT WAS REMOVED.
- 2. IF DISCREPANCIES EXIST BETWEEN THESE TYPICAL SECTIONS AND THE PLAN & PROFILE SHEETS, THE PLAN & PROFILE SHEETS SHALL GOVERN.

Sheet **7** of **27**

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No.	Issue	Drawn	Approved	Date	

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4	Drafting ME Check	Design Check	MJW	Tit
	Project MJW Manager	Date	NOVEMBER 9, 2023	Pro
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Client CITY OF COLFAX Project CDBG ROAD REHABILITATION PROJECT TYPICAL SECTIONS **PLEASANT STREET**

Project No. 12617727 Original Size

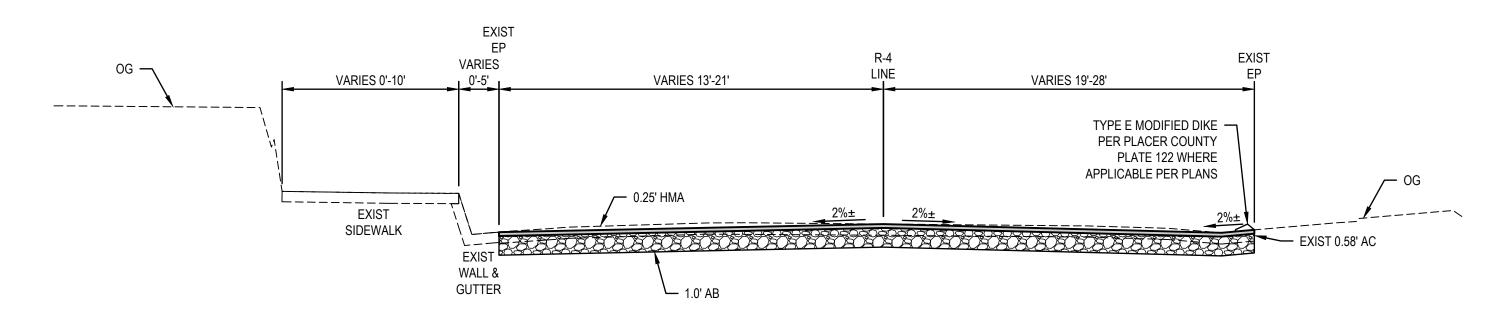
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Sheet No. X3

Plot Date: 30 November 2023 - 4:29 PM

Plotted By: Maya Eoff

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SCHOOL STREET TYPICAL SECTION - R4 LINE STA 10+25 - 14+29 NOT TO SCALE

GENERAL NOTES:

- 1. THE PLACEMENT OF THE NEW STRUCTURAL SECTION (AS SPECIFIED ON CORRESPONDING TYPICAL SECTION AND PLAN & PROFILE SHEETS) IS TO BE PLACED AT THE SAME FINISH GRADE AS THE EXISTING PAVEMENT THAT WAS REMOVED.
- 2. IF DISCREPANCIES EXIST BETWEEN THESE TYPICAL SECTIONS AND THE PLAN & PROFILE SHEETS, THE PLAN & PROFILE SHEETS SHALL GOVERN.

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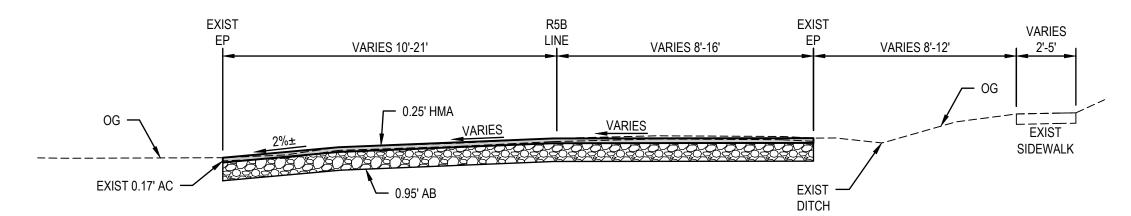
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Project Manager	MJW	Date	NOVEMBER 9, 2023	P
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Client CITY OF COLFAX Project CDBG ROAD REHABILITATION PROJECT Title TYPICAL SECTIONS

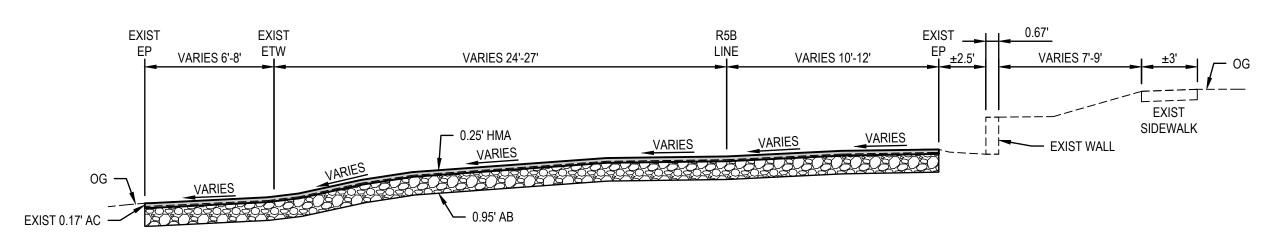
SCHOOL STREET

Project No. 12617727
Original Size

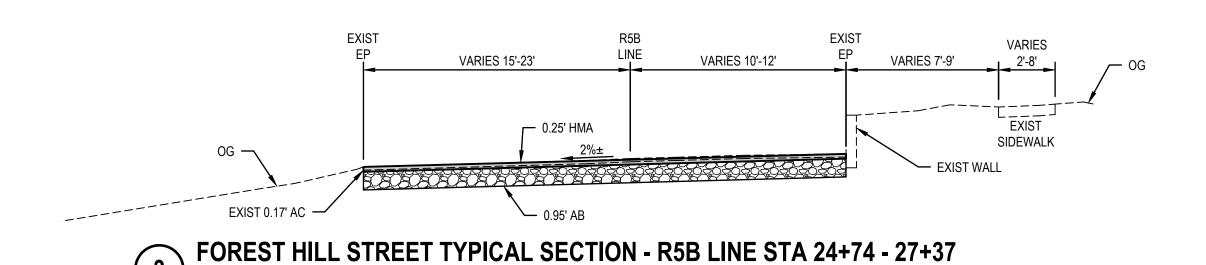
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ANSI D Sheet No. X4 Sheet **8** of **27**

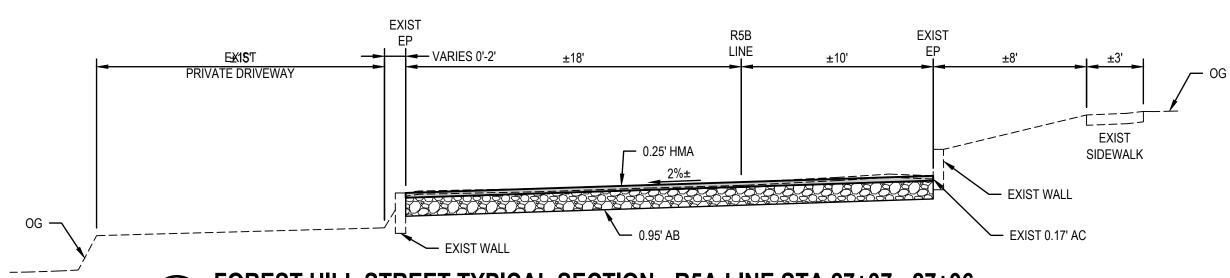


FOREST HILL STREET TYPICAL SECTION - R5B LINE STA 20+36 - 22+88



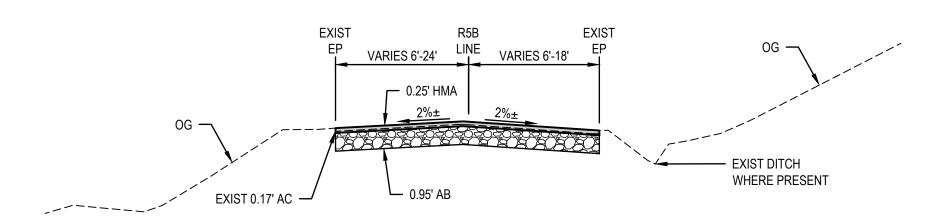
FOREST HILL STREET TYPICAL SECTION - R5B LINE STA 22+88 - 24+74





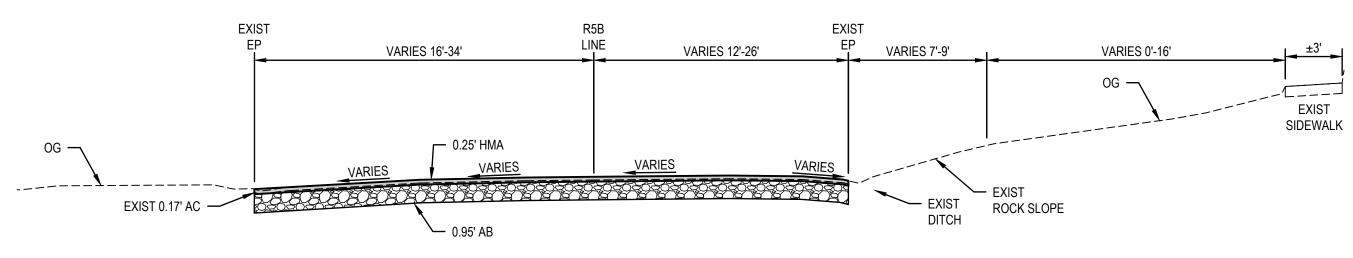
FOREST HILL STREET TYPICAL SECTION - R5A LINE STA 27+37 - 27+96

NOT TO SCALE



FOREST HILL STREET TYPICAL SECTION - R5B LINE STA 27+96 - 32+35

NOT TO SCALE



FOREST HILL STREET TYPICAL SECTION - R5B LINE STA 32+35 - 33+80

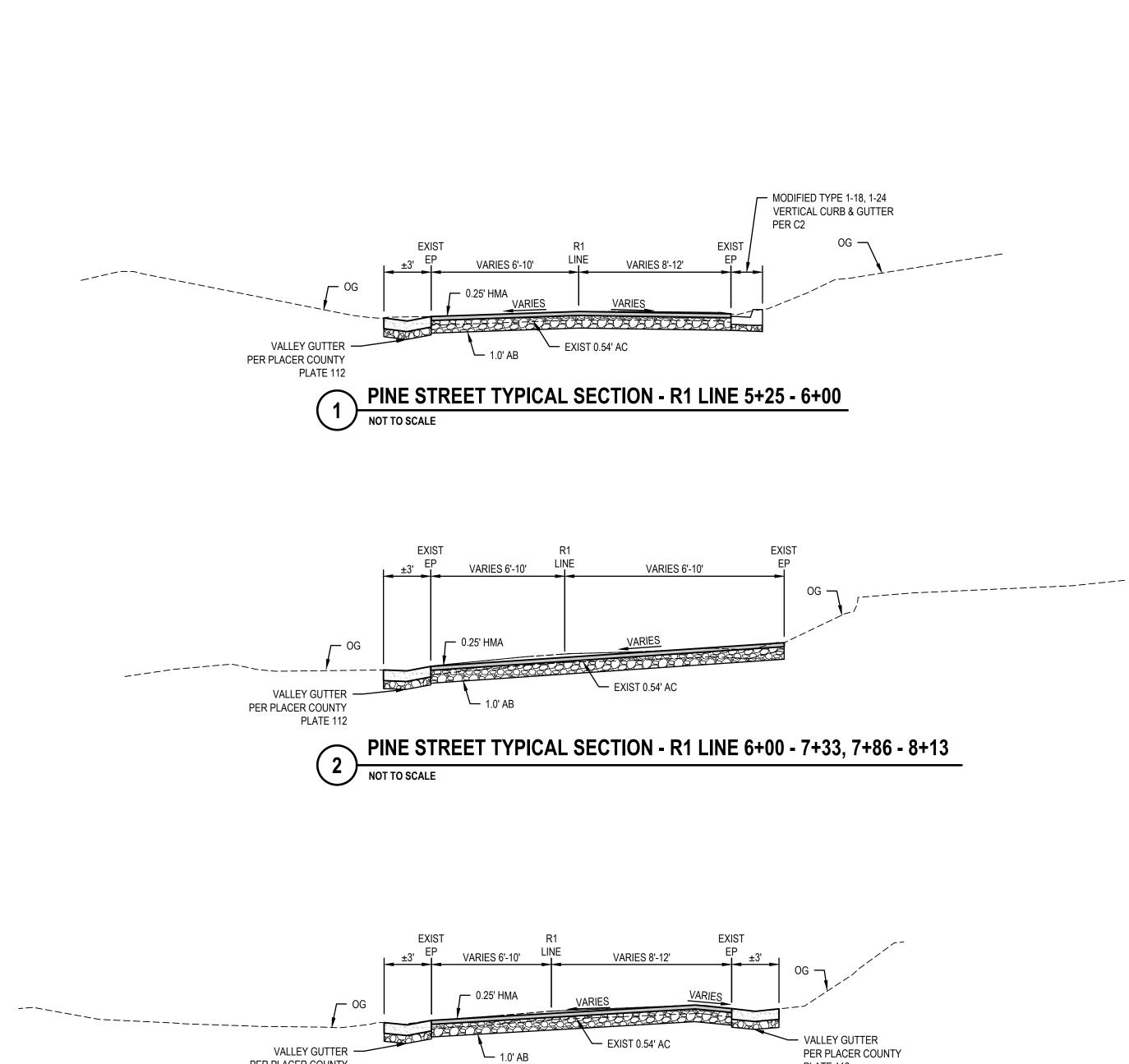
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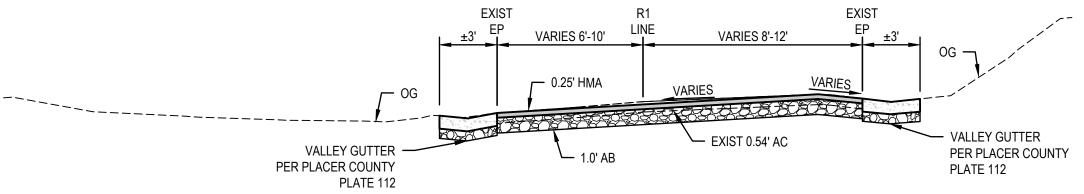
GENERAL NOTES:

- 1. THE PLACEMENT OF THE NEW STRUCTURAL SECTION (AS SPECIFIED ON CORRESPONDING TYPICAL SECTION AND PLAN & PROFILE SHEETS) IS TO BE PLACED AT THE SAME FINISH GRADE AS THE EXISTING PAVEMENT THAT WAS REMOVED.
- 2. IF DISCREPANCIES EXIST BETWEEN THESE TYPICAL SECTIONS AND THE PLAN & PROFILE SHEETS, THE PLAN & PROFILE SHEETS SHALL GOVERN.

Sheet **9** of **27**

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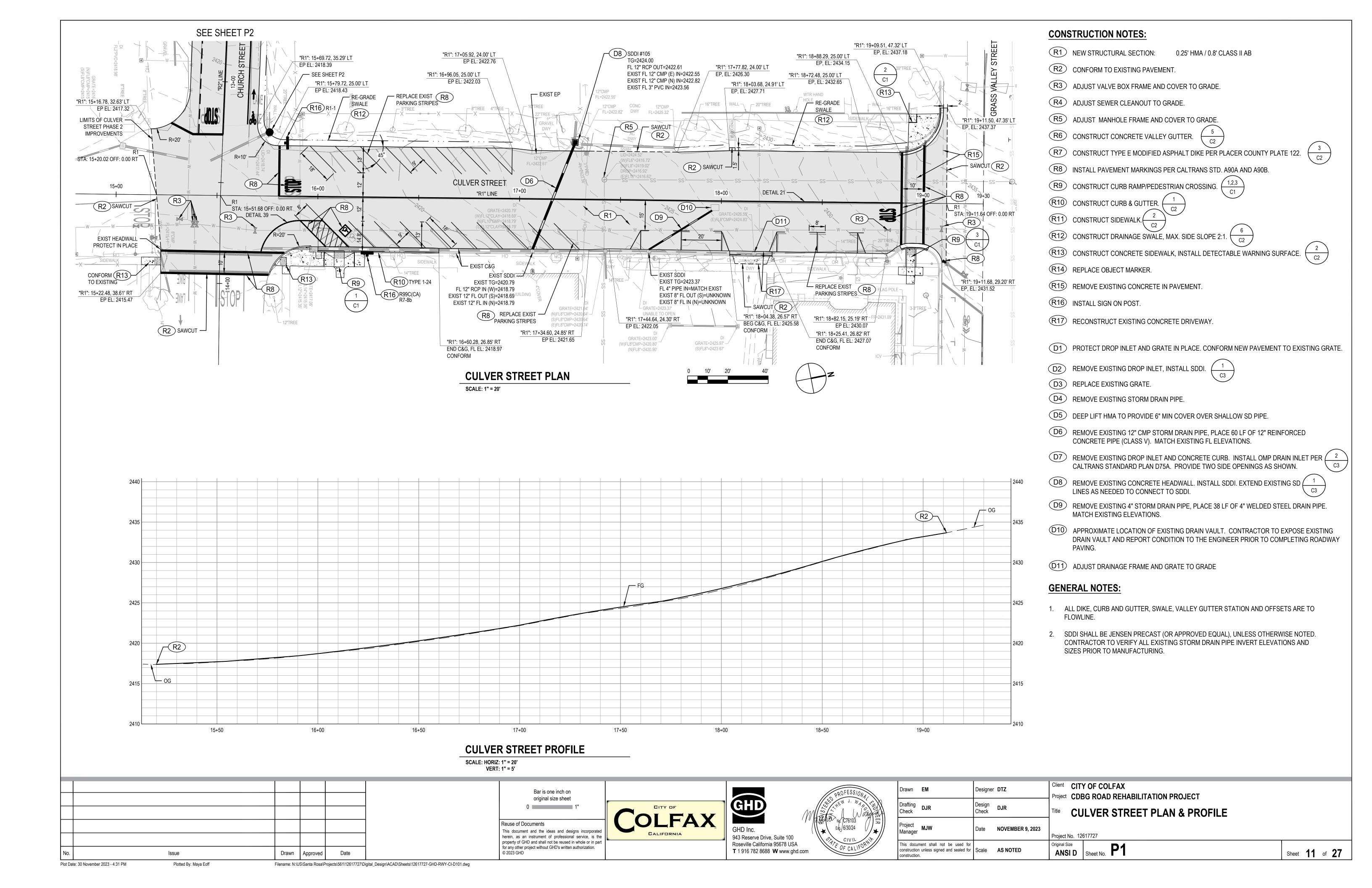


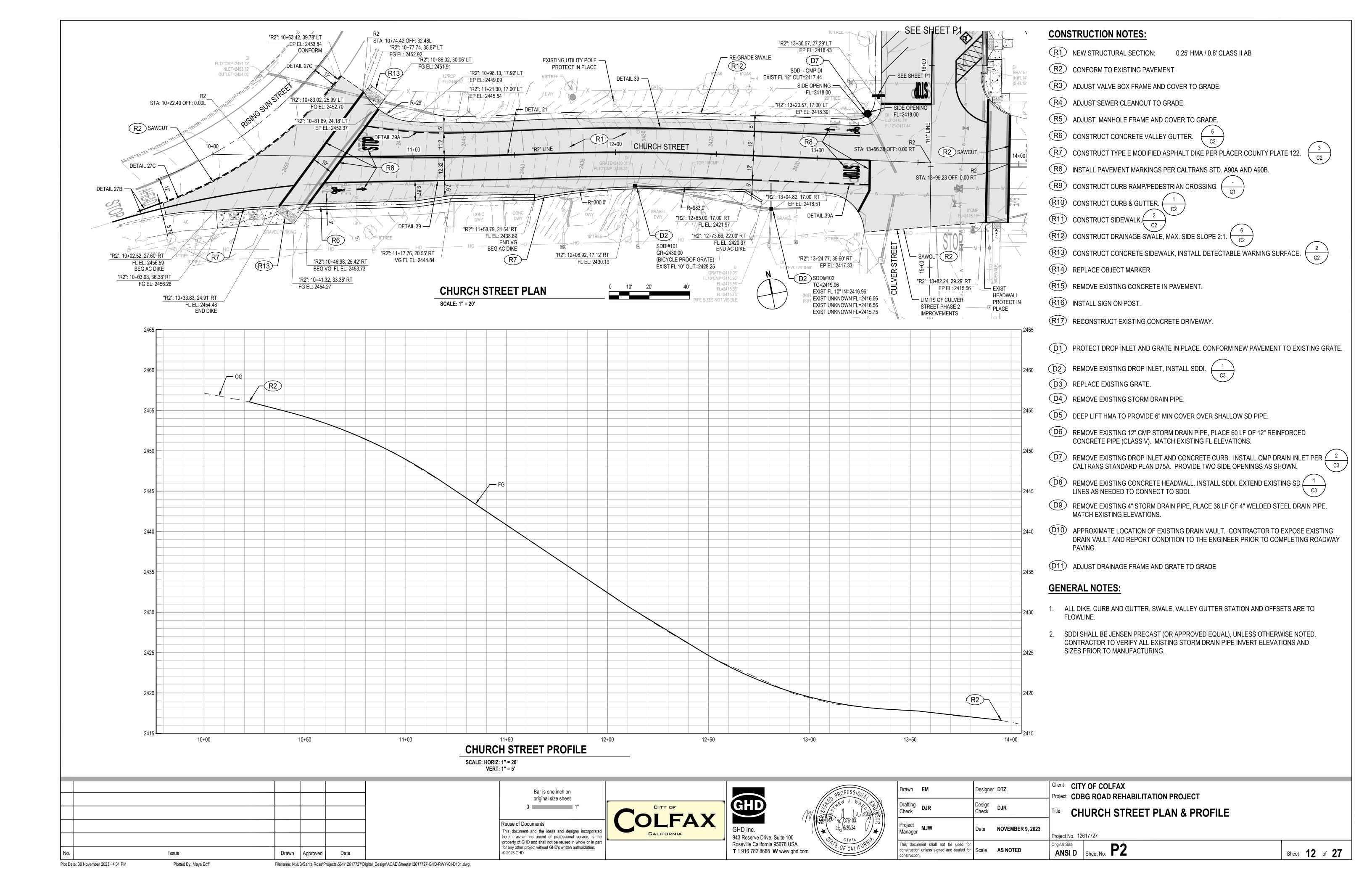
→ PINE STREET TYPICAL SECTION - R1 LINE 7+33 - 7+86

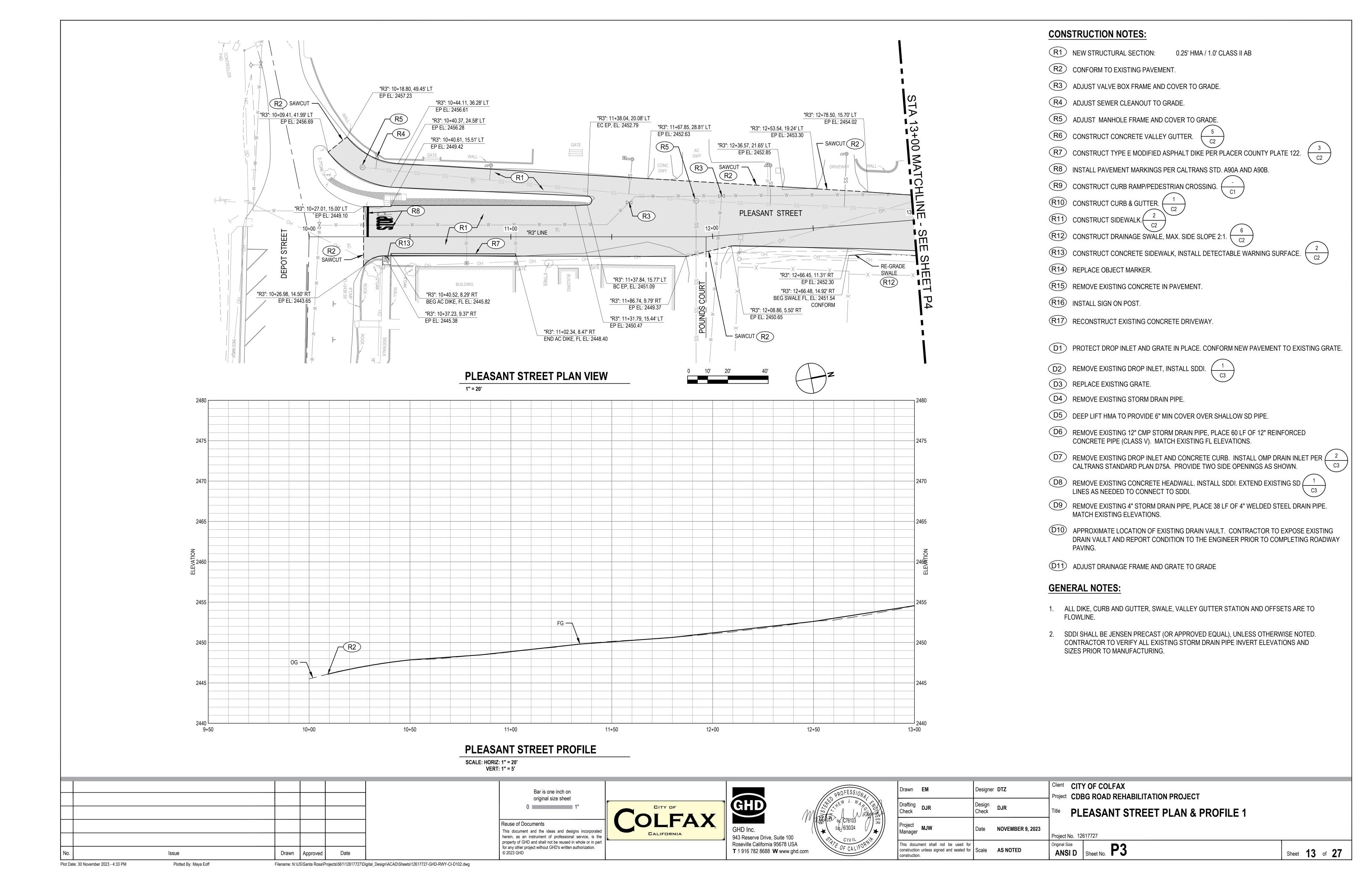
GENERAL NOTES:

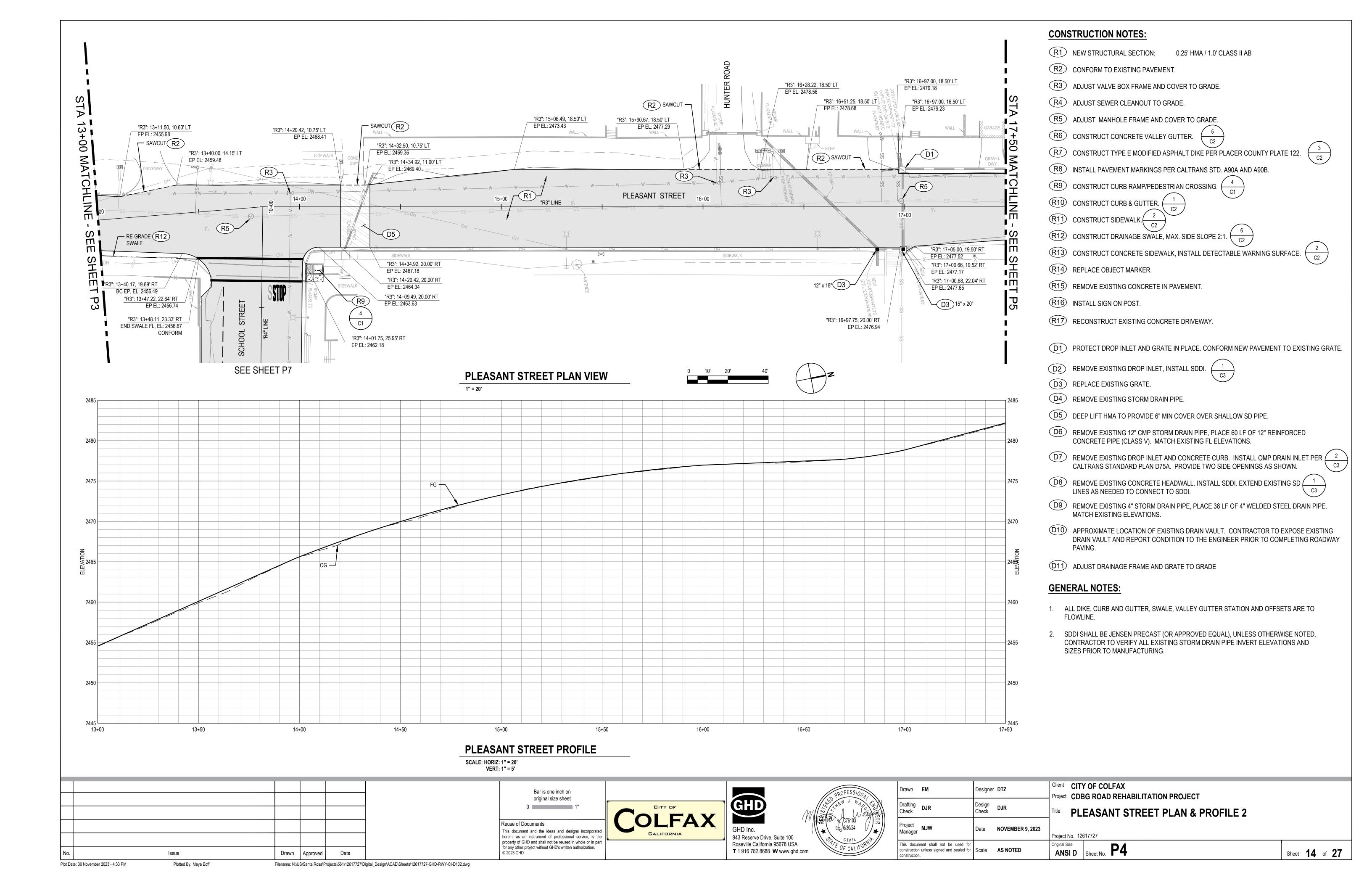
- 1. THE PLACEMENT OF THE NEW STRUCTURAL SECTION (AS SPECIFIED ON CORRESPONDING TYPICAL SECTION AND PLAN & PROFILE SHEETS) IS TO BE PLACED AT THE SAME FINISH GRADE AS THE EXISTING PAVEMENT THAT WAS REMOVED.
- 2. IF DISCREPANCIES EXIST BETWEEN THESE TYPICAL SECTIONS AND THE PLAN & PROFILE SHEETS, THE PLAN & PROFILE SHEETS SHALL GOVERN.

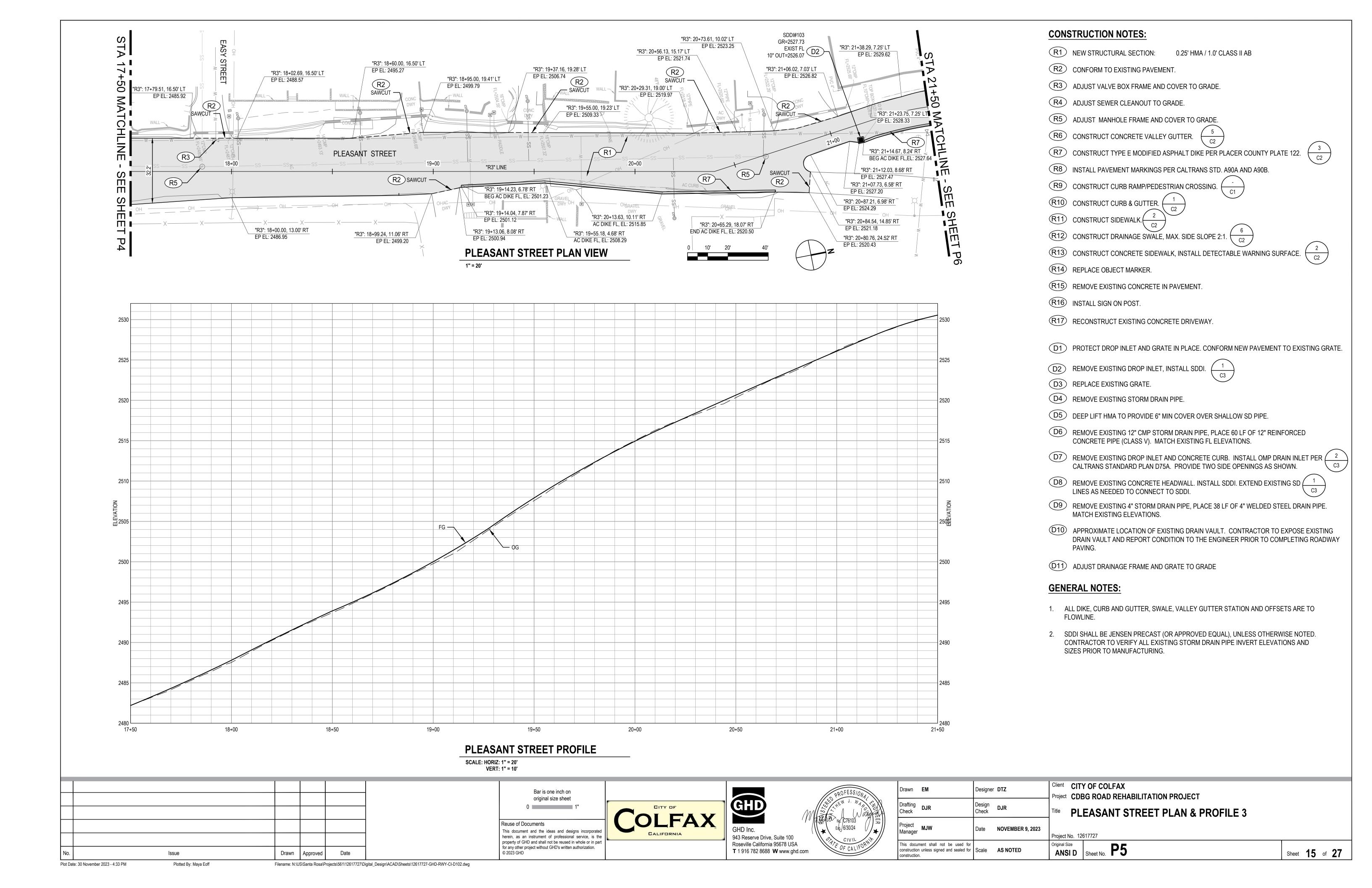
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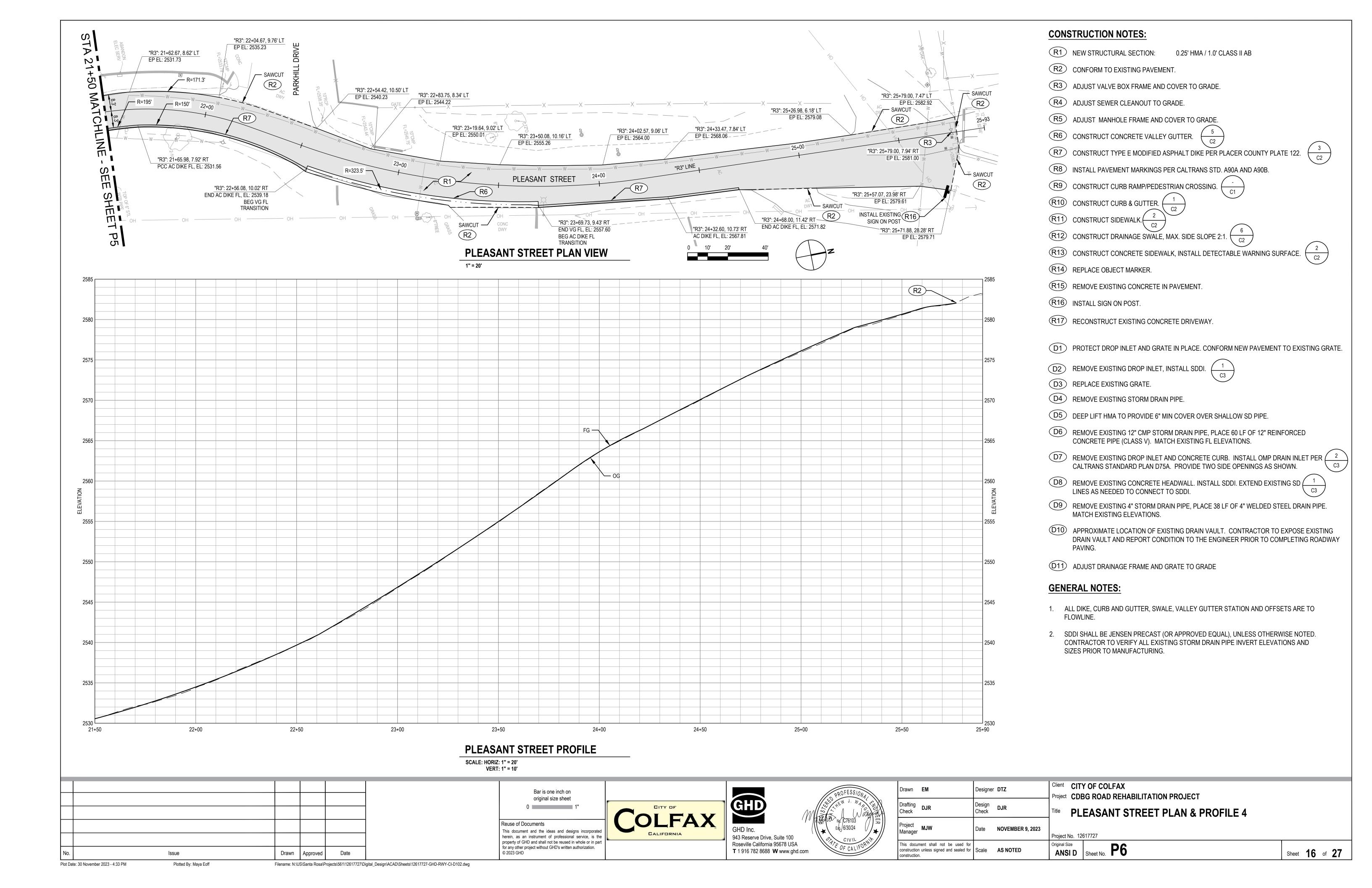


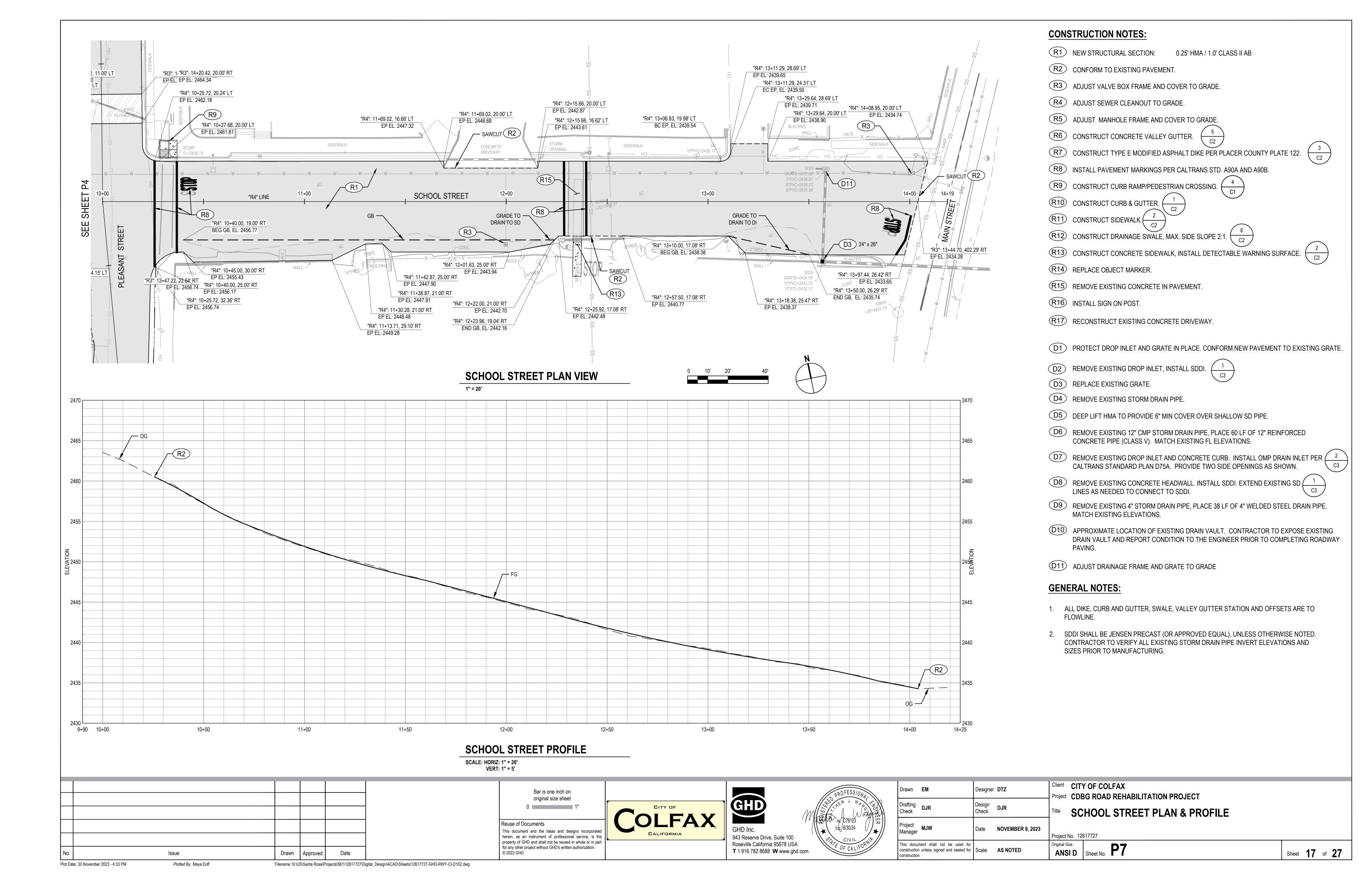


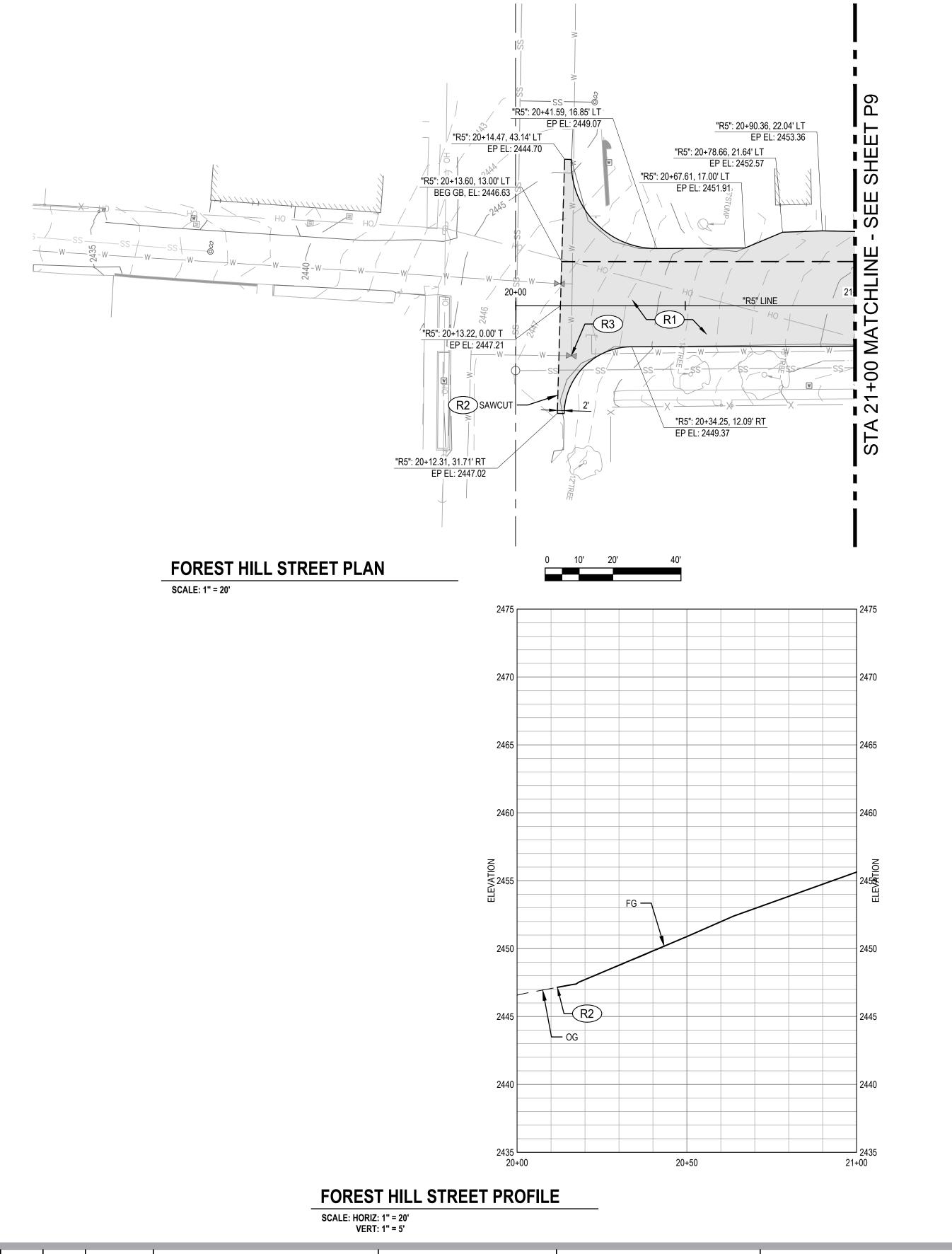












CONSTRUCTION NOTES:

- R1 NEW STRUCTURAL SECTION: 0.25' HMA / 0.95' CLASS II AB
- R2 CONFORM TO EXISTING PAVEMENT.
- (R3) ADJUST VALVE BOX FRAME AND COVER TO GRADE.
- R4 ADJUST SEWER CLEANOUT TO GRADE.
- R5 ADJUST MANHOLE FRAME AND COVER TO GRADE.
- CONSTRUCT CONCRETE VALLEY GUTTER.
- CONSTRUCT TYPE E MODIFIED ASPHALT DIKE PER PLACER COUNTY PLATE 122.
- (R8) INSTALL PAVEMENT MARKINGS PER CALTRANS STD. A90A AND A90B.
- (R9) CONSTRUCT CURB RAMP/PEDESTRIAN CROSSING.
- (R10) CONSTRUCT CURB & GUTTER.
- R11 CONSTRUCT SIDEWALK.
- R12) CONSTRUCT DRAINAGE SWALE, MAX. SIDE SLOPE 2:1.
- (R13) CONSTRUCT CONCRETE SIDEWALK, INSTALL DETECTABLE WARNING SURFACE.
- R14) REPLACE OBJECT MARKER.
- (R15) REMOVE EXISTING CONCRETE IN PAVEMENT.
- R16 INSTALL SIGN ON POST.
- R17 RECONSTRUCT EXISTING CONCRETE DRIVEWAY.
- D1) PROTECT DROP INLET AND GRATE IN PLACE. CONFORM NEW PAVEMENT TO EXISTING GRATE.
- D2 REMOVE EXISTING DROP INLET, INSTALL SDDI.
- D3 REPLACE EXISTING GRATE.
- D4 REMOVE EXISTING STORM DRAIN PIPE.
- D5 DEEP LIFT HMA TO PROVIDE 6" MIN COVER OVER SHALLOW SD PIPE.
- D6 REMOVE EXISTING 12" CMP STORM DRAIN PIPE, PLACE 60 LF OF 12" REINFORCED
- CONCRETE PIPE (CLASS V). MATCH EXISTING FL ELEVATIONS. REMOVE EXISTING DROP INLET AND CONCRETE CURB. INSTALL OMP DRAIN INLET PER $\binom{2}{2}$
- CALTRANS STANDARD PLAN D75A. PROVIDE TWO SIDE OPENINGS AS SHOWN. REMOVE EXISTING CONCRETE HEADWALL. INSTALL SDDI. EXTEND EXISTING SD
- LINES AS NEEDED TO CONNECT TO SDDI. D9 REMOVE EXISTING 4" STORM DRAIN PIPE, PLACE 38 LF OF 4" WELDED STEEL DRAIN PIPE. MATCH EXISTING ELEVATIONS.
- (D10) APPROXIMATE LOCATION OF EXISTING DRAIN VAULT. CONTRACTOR TO EXPOSE EXISTING DRAIN VAULT AND REPORT CONDITION TO THE ENGINEER PRIOR TO COMPLETING ROADWAY PAVING.
- (D11) ADJUST DRAINAGE FRAME AND GRATE TO GRADE

GENERAL NOTES:

- 1. ALL DIKE, CURB AND GUTTER, SWALE, VALLEY GUTTER STATION AND OFFSETS ARE TO FLOWLINE.
- SDDI SHALL BE JENSEN PRECAST (OR APPROVED EQUAL), UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL EXISTING STORM DRAIN PIPE INVERT ELEVATIONS AND SIZES PRIOR TO MANUFACTURING.

Bar is one inch on original size sheet 0 ______1"

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Client CITY OF COLFAX Project CDBG ROAD REHABILITATION PROJECT

Title FOREST HILL STREET PLAN & PROFILE 1

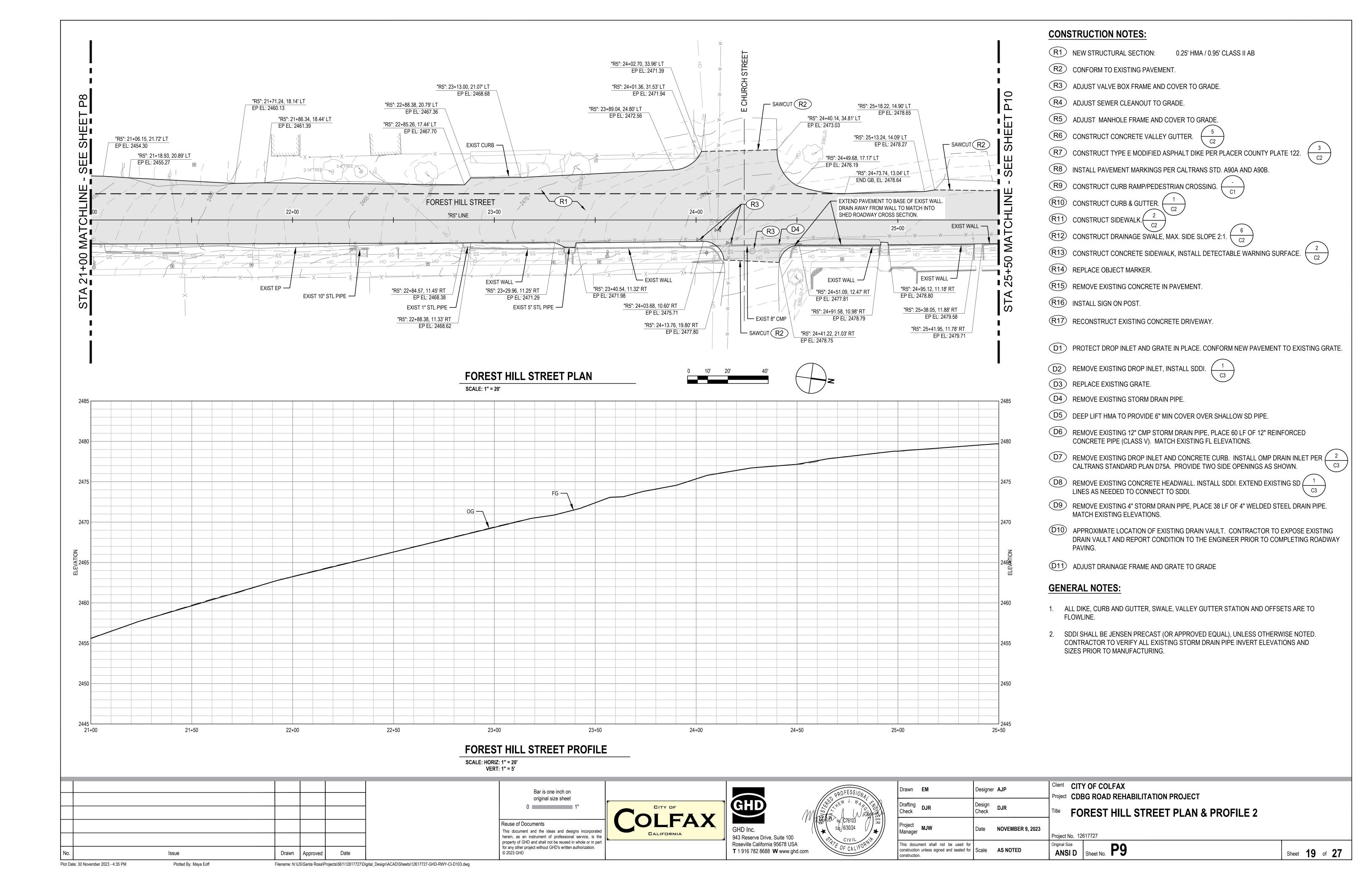
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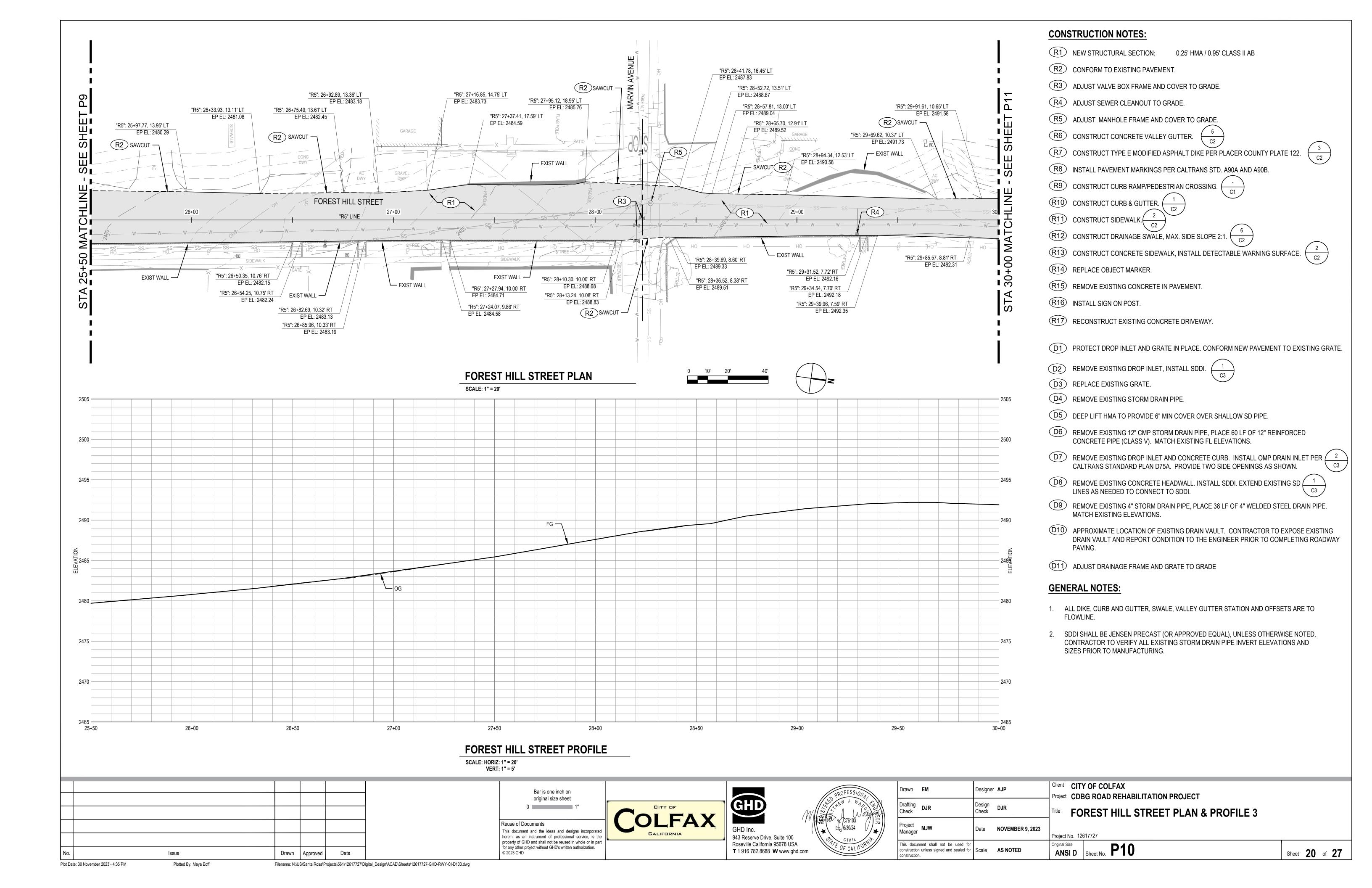
Sheet **18** of **27**

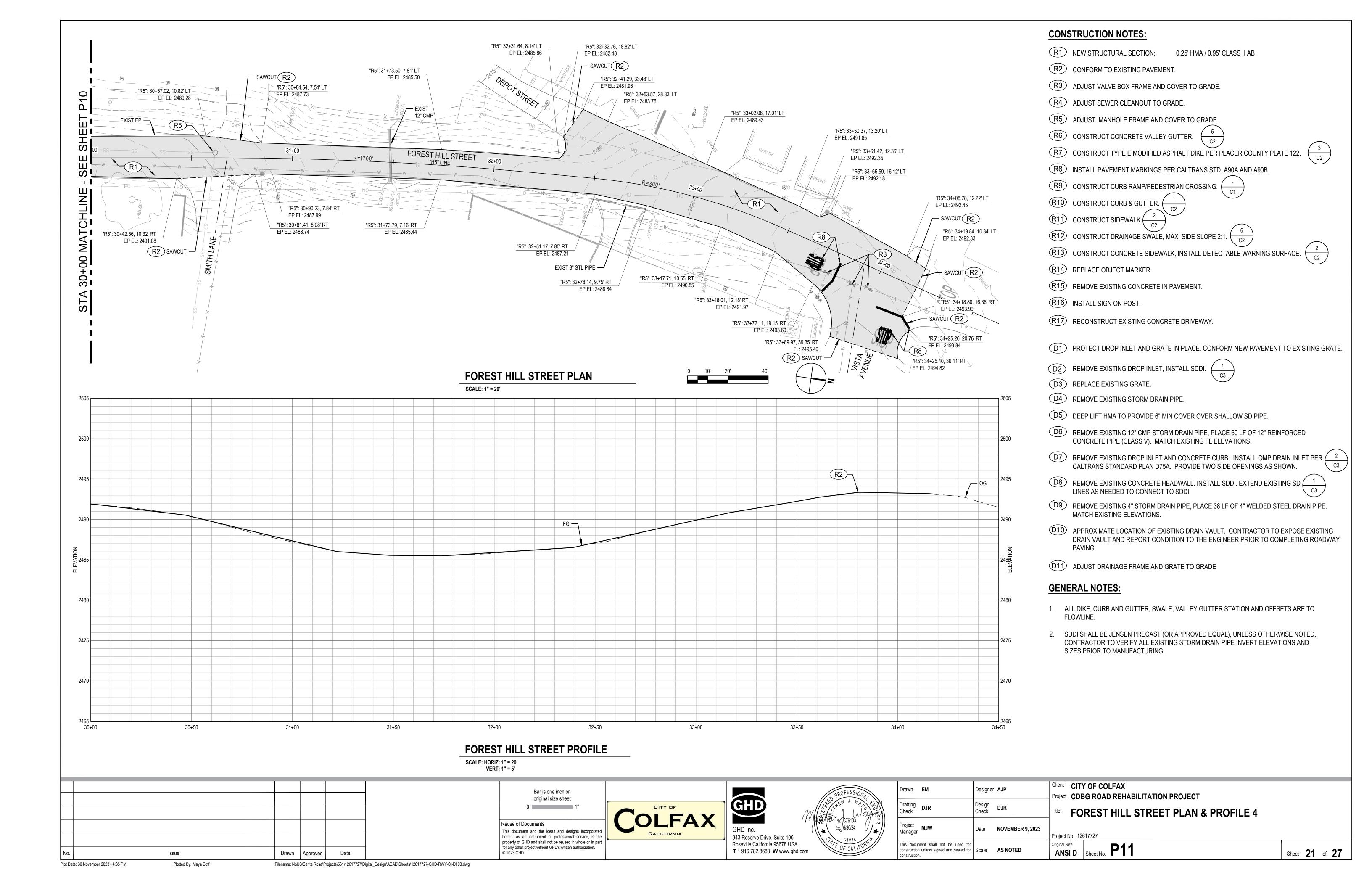
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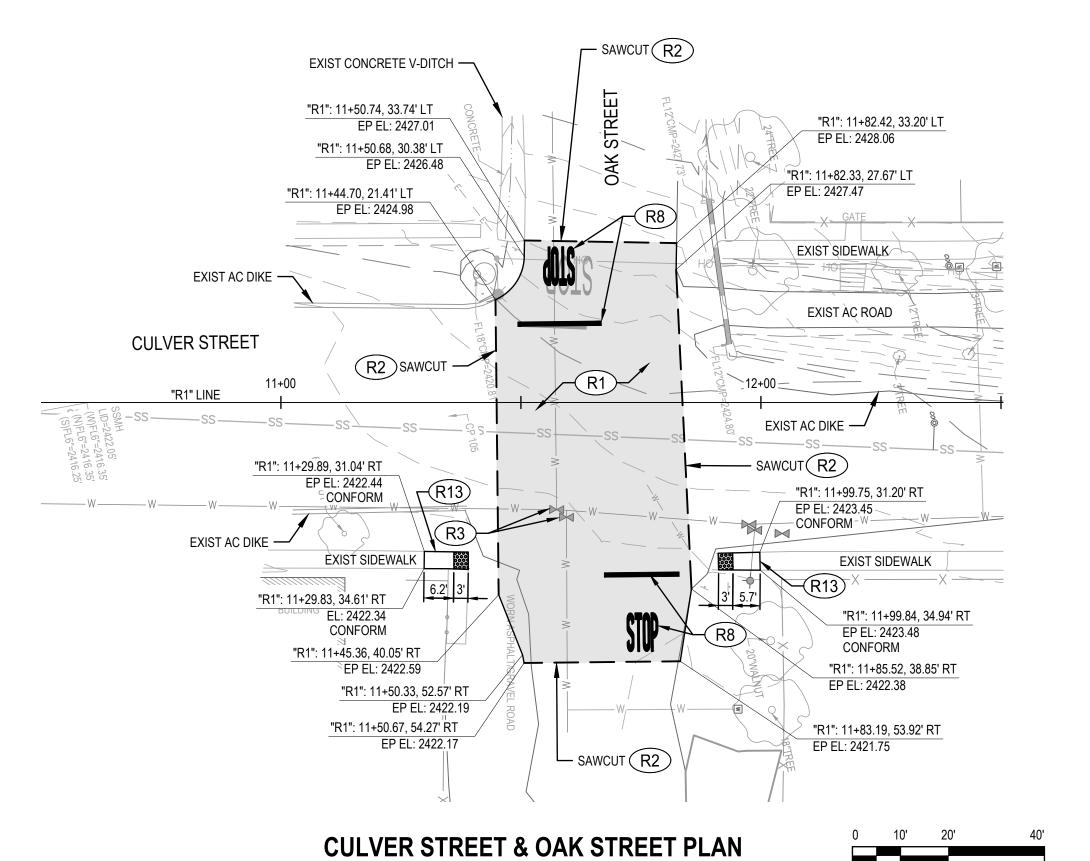
Plotted By: Maya Eoff

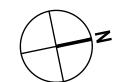
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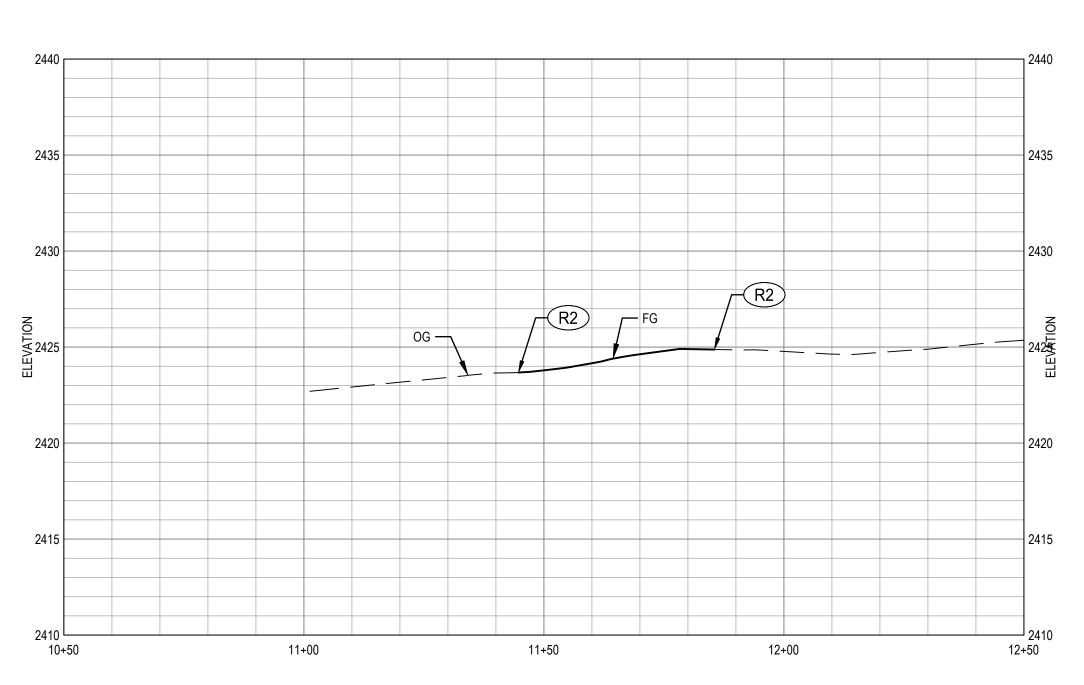












CULVER STREET & OAK STREET PROFILE

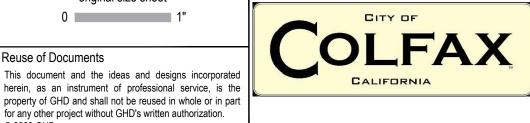
SCALE: HORIZ: 1" = 20' VERT: 1" = 5'

SCALE: 1" = 20'

Plot Date: 30 November 2023 - 4:36 PM

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	Project Manager	MJW	Date	NOVEMBER 9, 20
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Client CITY OF COLFAX 2023

Project CDBG ROAD REHABILITATION PROJECT

CULVER STREET & OAK STREET PLAN & PROFILE

Project No. 12617727

ANSI D Sheet No. P12

CONSTRUCTION NOTES:

(R1) NEW STRUCTURAL SECTION:

(R10) CONSTRUCT CURB & GUTTER

R11 CONSTRUCT SIDEWALK.

(R14) REPLACE OBJECT MARKER.

R16 INSTALL SIGN ON POST.

D3 REPLACE EXISTING GRATE.

R2 CONFORM TO EXISTING PAVEMENT.

R4 ADJUST SEWER CLEANOUT TO GRADE.

(R6) CONSTRUCT CONCRETE VALLEY GUTTER.

(R3) ADJUST VALVE BOX FRAME AND COVER TO GRADE.

R5 ADJUST MANHOLE FRAME AND COVER TO GRADE.

R9 CONSTRUCT CURB RAMP/PEDESTRIAN CROSSING.

R12) CONSTRUCT DRAINAGE SWALE, MAX. SIDE SLOPE 2:1.

(R15) REMOVE EXISTING CONCRETE IN PAVEMENT.

R17 RECONSTRUCT EXISTING CONCRETE DRIVEWAY.

D2 REMOVE EXISTING DROP INLET, INSTALL SDDI.

LINES AS NEEDED TO CONNECT TO SDDI.

(D11) ADJUST DRAINAGE FRAME AND GRATE TO GRADE

MATCH EXISTING ELEVATIONS.

SIZES PRIOR TO MANUFACTURING.

PAVING.

GENERAL NOTES:

FLOWLINE.

D5 DEEP LIFT HMA TO PROVIDE 6" MIN COVER OVER SHALLOW SD PIPE.

CONCRETE PIPE (CLASS V). MATCH EXISTING FL ELEVATIONS.

D6 REMOVE EXISTING 12" CMP STORM DRAIN PIPE, PLACE 60 LF OF 12" REINFORCED

CALTRANS STANDARD PLAN D75A. PROVIDE TWO SIDE OPENINGS AS SHOWN.

REMOVE EXISTING CONCRETE HEADWALL. INSTALL SDDI. EXTEND EXISTING SD

D9 REMOVE EXISTING 4" STORM DRAIN PIPE, PLACE 38 LF OF 4" WELDED STEEL DRAIN PIPE.

(D10) APPROXIMATE LOCATION OF EXISTING DRAIN VAULT. CONTRACTOR TO EXPOSE EXISTING

1. ALL DIKE, CURB AND GUTTER, SWALE, VALLEY GUTTER STATION AND OFFSETS ARE TO

SDDI SHALL BE JENSEN PRECAST (OR APPROVED EQUAL), UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL EXISTING STORM DRAIN PIPE INVERT ELEVATIONS AND

DRAIN VAULT AND REPORT CONDITION TO THE ENGINEER PRIOR TO COMPLETING ROADWAY

D4 REMOVE EXISTING STORM DRAIN PIPE.

0.25' HMA / 0.8' CLASS II AB

CONSTRUCT TYPE E MODIFIED ASPHALT DIKE PER PLACER COUNTY PLATE 122.

(R13) CONSTRUCT CONCRETE SIDEWALK, INSTALL DETECTABLE WARNING SURFACE.

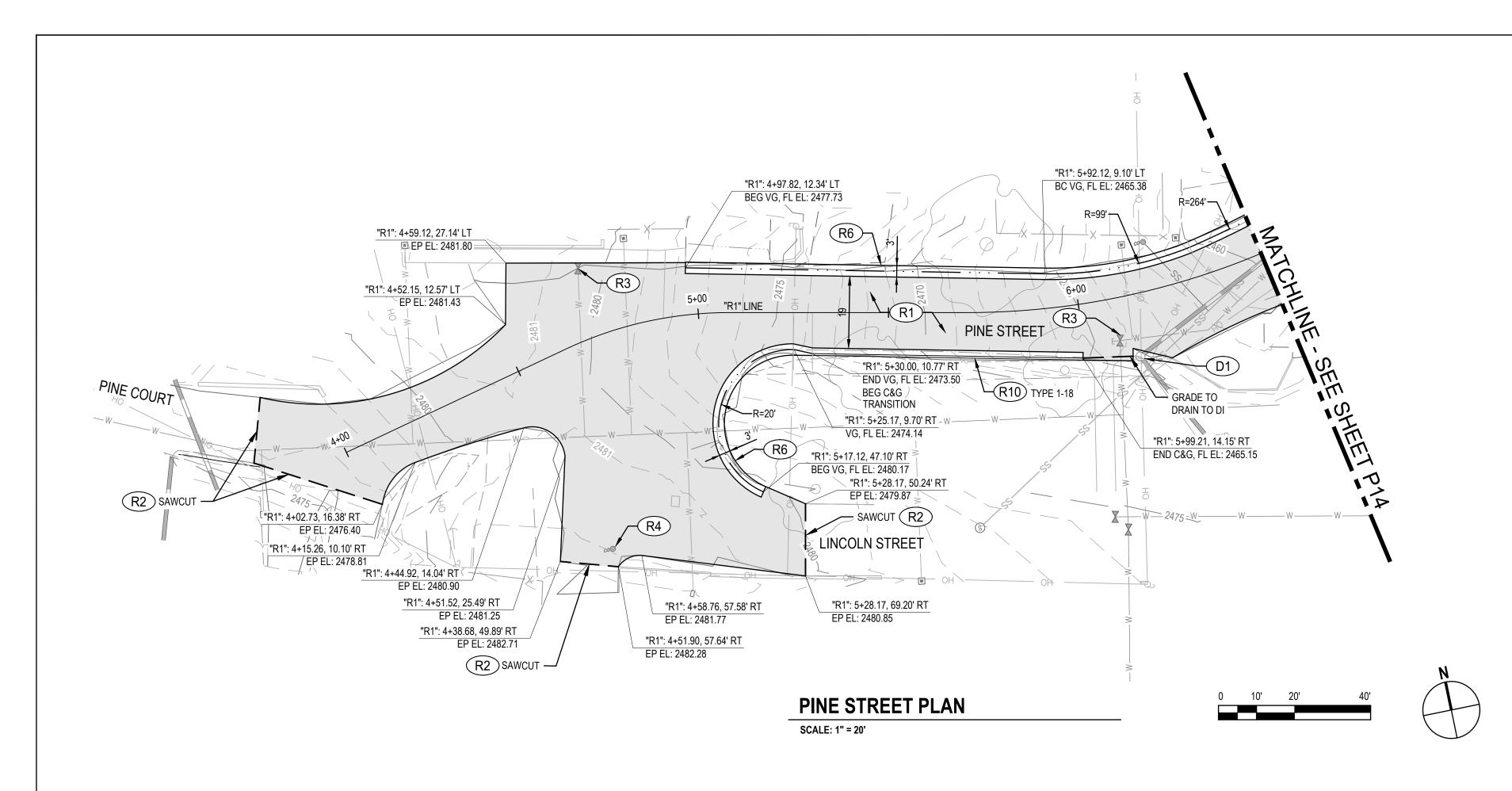
D1) PROTECT DROP INLET AND GRATE IN PLACE. CONFORM NEW PAVEMENT TO EXISTING GRATE.

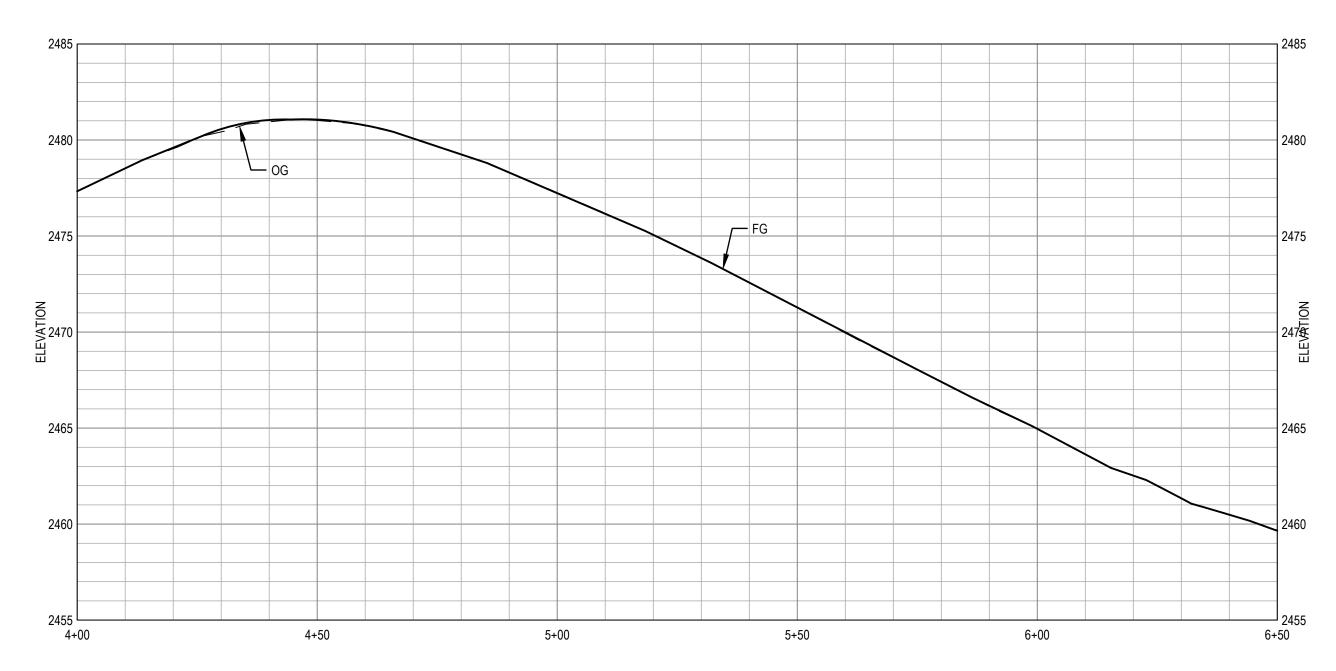
REMOVE EXISTING DROP INLET AND CONCRETE CURB. INSTALL OMP DRAIN INLET PER \angle

(R8) INSTALL PAVEMENT MARKINGS PER CALTRANS STD. A90A AND A90B.

Sheet **22** of **27**

Plotted By: Maya Eoff Filename: N:\US\Santa Rosa\Projects\561\12617727\Digital_Design\ACAD\Sheets\12617727-GHD-RWY-CI-D104.dwg



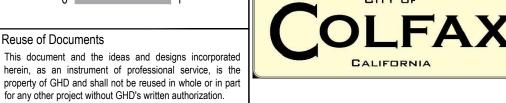


PINE STREET PROFILE

SCALE: HORIZ: 1" = 20' VERT: 1" = 5'

Plot Date: 30 November 2023 - 4:36 PM Plotted By: Maya Eoff

Bar is one inch on original size sheet 0 ______1"







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	Project Manager	MJW	Date	NOVEMBER 9, 2023	Pro
		nent shall not be used for unless signed and sealed for .	Scale	AS NOTED	Ori

Client CITY OF COLFAX Project CDBG ROAD REHABILITATION PROJECT

Title PINE STREET PLAN & PROFILE 1

CONSTRUCTION NOTES:

R1 NEW STRUCTURAL SECTION:

(R10) CONSTRUCT CURB & GUTTER

R11 CONSTRUCT SIDEWALK.

(R14) REPLACE OBJECT MARKER.

R16 INSTALL SIGN ON POST.

D3 REPLACE EXISTING GRATE.

(R2) CONFORM TO EXISTING PAVEMENT.

(R4) ADJUST SEWER CLEANOUT TO GRADE.

(R3) ADJUST VALVE BOX FRAME AND COVER TO GRADE.

CONSTRUCT CONCRETE VALLEY GUTTER.

(R9) CONSTRUCT CURB RAMP/PEDESTRIAN CROSSING.

R12) CONSTRUCT DRAINAGE SWALE, MAX. SIDE SLOPE 2:1.

(R15) REMOVE EXISTING CONCRETE IN PAVEMENT.

R17 RECONSTRUCT EXISTING CONCRETE DRIVEWAY.

D2 REMOVE EXISTING DROP INLET, INSTALL SDDI.

LINES AS NEEDED TO CONNECT TO SDDI.

(D11) ADJUST DRAINAGE FRAME AND GRATE TO GRADE

MATCH EXISTING ELEVATIONS.

SIZES PRIOR TO MANUFACTURING.

PAVING.

GENERAL NOTES:

FLOWLINE.

D5 DEEP LIFT HMA TO PROVIDE 6" MIN COVER OVER SHALLOW SD PIPE.

CONCRETE PIPE (CLASS V). MATCH EXISTING FL ELEVATIONS.

D6 REMOVE EXISTING 12" CMP STORM DRAIN PIPE, PLACE 60 LF OF 12" REINFORCED

CALTRANS STANDARD PLAN D75A. PROVIDE TWO SIDE OPENINGS AS SHOWN.

D9 REMOVE EXISTING 4" STORM DRAIN PIPE, PLACE 38 LF OF 4" WELDED STEEL DRAIN PIPE.

(D10) APPROXIMATE LOCATION OF EXISTING DRAIN VAULT. CONTRACTOR TO EXPOSE EXISTING

1. ALL DIKE, CURB AND GUTTER, SWALE, VALLEY GUTTER STATION AND OFFSETS ARE TO

SDDI SHALL BE JENSEN PRECAST (OR APPROVED EQUAL), UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL EXISTING STORM DRAIN PIPE INVERT ELEVATIONS AND

DRAIN VAULT AND REPORT CONDITION TO THE ENGINEER PRIOR TO COMPLETING ROADWAY

D8) REMOVE EXISTING CONCRETE HEADWALL. INSTALL SDDI. EXTEND EXISTING SD

D4 REMOVE EXISTING STORM DRAIN PIPE.

ADJUST MANHOLE FRAME AND COVER TO GRADE.

(R8) INSTALL PAVEMENT MARKINGS PER CALTRANS STD. A90A AND A90B.

(R13) CONSTRUCT CONCRETE SIDEWALK, INSTALL DETECTABLE WARNING SURFACE.

D1) PROTECT DROP INLET AND GRATE IN PLACE. CONFORM NEW PAVEMENT TO EXISTING GRATE.

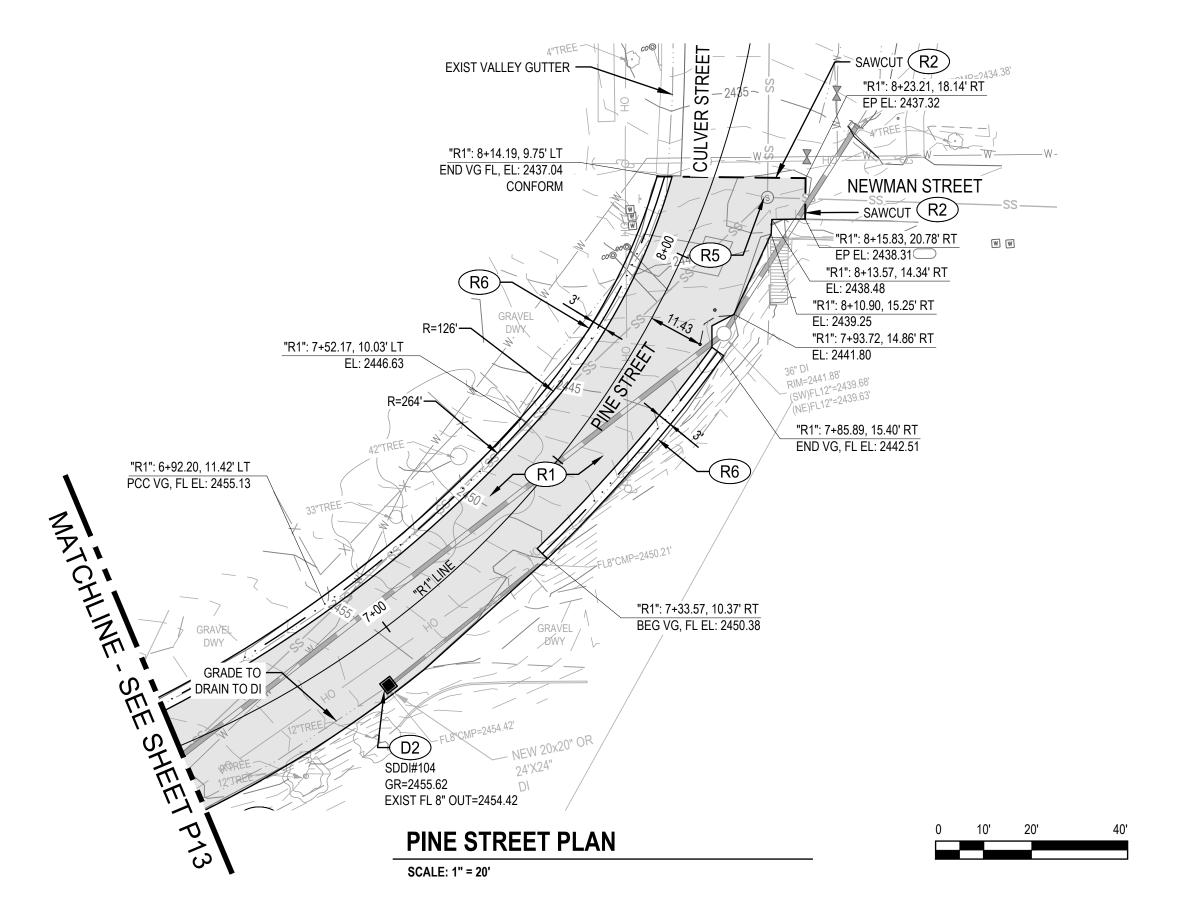
 $^{\circ}$ REMOVE EXISTING DROP INLET AND CONCRETE CURB. INSTALL OMP DRAIN INLET PER $(-\frac{2}{2})$

0.25' HMA / 1.0' CLASS II AB

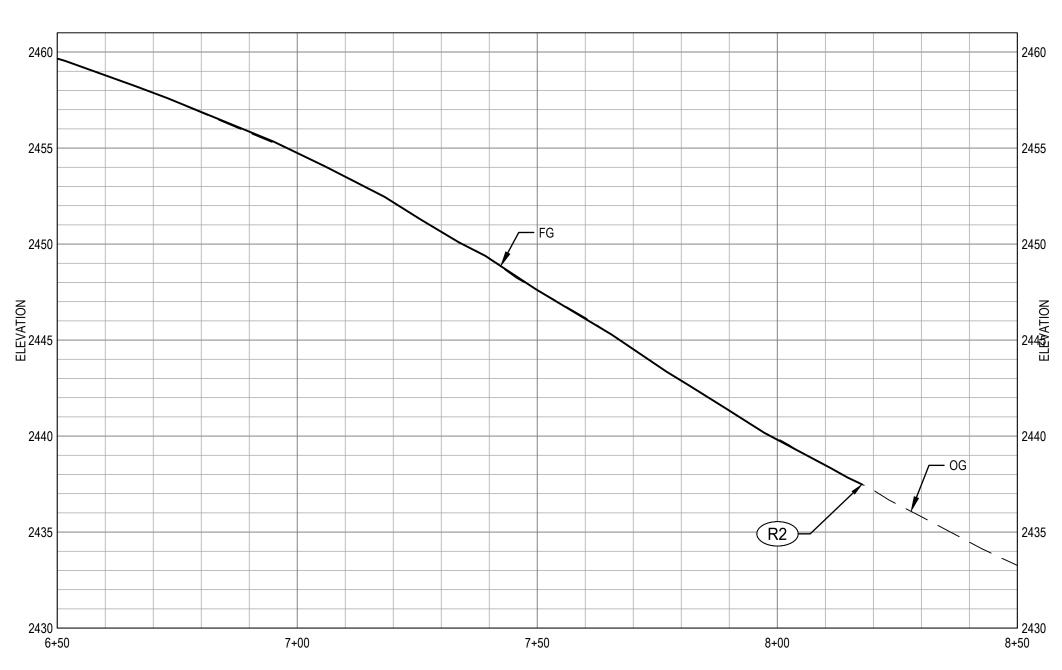
CONSTRUCT TYPE E MODIFIED ASPHALT DIKE PER PLACER COUNTY PLATE 122.

ANSI D Sheet No. P13 Sheet **23** of **27**

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CONSTRUCTION NOTES:

- R1 NEW STRUCTURAL SECTION: 0.25' HMA / 1.0' CLASS II AB
- (R2) CONFORM TO EXISTING PAVEMENT.
- (R3) ADJUST VALVE BOX FRAME AND COVER TO GRADE.
- R4 ADJUST SEWER CLEANOUT TO GRADE.
- ADJUST MANHOLE FRAME AND COVER TO GRADE.
- CONSTRUCT CONCRETE VALLEY GUTTER.
- CONSTRUCT TYPE E MODIFIED ASPHALT DIKE PER PLACER COUNTY PLATE 122.
- (R8) INSTALL PAVEMENT MARKINGS PER CALTRANS STD. A90A AND A90B.
- (R9) CONSTRUCT CURB RAMP/PEDESTRIAN CROSSING.
- (R10) CONSTRUCT CURB & GUTTER
- R11 CONSTRUCT SIDEWALK.
- R12) CONSTRUCT DRAINAGE SWALE, MAX. SIDE SLOPE 2:1.
- (R13) CONSTRUCT CONCRETE SIDEWALK, INSTALL DETECTABLE WARNING SURFACE.
- R14) REPLACE OBJECT MARKER.
- (R15) REMOVE EXISTING CONCRETE IN PAVEMENT.
- R16 INSTALL SIGN ON POST.
- R17 RECONSTRUCT EXISTING CONCRETE DRIVEWAY.
- D1) PROTECT DROP INLET AND GRATE IN PLACE. CONFORM NEW PAVEMENT TO EXISTING GRATE.
- D2 REMOVE EXISTING DROP INLET, INSTALL SDDI.
- D3 REPLACE EXISTING GRATE.
- D4 REMOVE EXISTING STORM DRAIN PIPE.
- D5 DEEP LIFT HMA TO PROVIDE 6" MIN COVER OVER SHALLOW SD PIPE.
- D6 REMOVE EXISTING 12" CMP STORM DRAIN PIPE, PLACE 60 LF OF 12" REINFORCED CONCRETE PIPE (CLASS V). MATCH EXISTING FL ELEVATIONS.
- REMOVE EXISTING DROP INLET AND CONCRETE CURB. INSTALL OMP DRAIN INLET PER \angle CALTRANS STANDARD PLAN D75A. PROVIDE TWO SIDE OPENINGS AS SHOWN.
- REMOVE EXISTING CONCRETE HEADWALL. INSTALL SDDI. EXTEND EXISTING SD LINES AS NEEDED TO CONNECT TO SDDI.
- D9 REMOVE EXISTING 4" STORM DRAIN PIPE, PLACE 38 LF OF 4" WELDED STEEL DRAIN PIPE. MATCH EXISTING ELEVATIONS.
- (D10) APPROXIMATE LOCATION OF EXISTING DRAIN VAULT. CONTRACTOR TO EXPOSE EXISTING DRAIN VAULT AND REPORT CONDITION TO THE ENGINEER PRIOR TO COMPLETING ROADWAY PAVING.
- (D11) ADJUST DRAINAGE FRAME AND GRATE TO GRADE

GENERAL NOTES:

- 1. ALL DIKE, CURB AND GUTTER, SWALE, VALLEY GUTTER STATION AND OFFSETS ARE TO FLOWLINE.
- SDDI SHALL BE JENSEN PRECAST (OR APPROVED EQUAL), UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL EXISTING STORM DRAIN PIPE INVERT ELEVATIONS AND SIZES PRIOR TO MANUFACTURING.

PINE STREET PROFILE

SCALE: HORIZ: 1" = 20'

VERT: 1" = 5'

		ı	ı	
				
No.	Issue	Drawn	Approved	Date

Bar is one inch on original size sheet 0 ______1"

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				Proje
Drafting Check	DJR	Design Check	DJR	Title
Project Manager	MJW	Date	NOVEMBER 9, 2023	Proje
1	nent shall not be used for unless signed and sealed for	Scale	AS NOTED	Origin

construction.

lient CITY OF COLFAX

ject CDBG ROAD REHABILITATION PROJECT

PINE STREET PLAN & PROFILE 2

ject No. 12617727

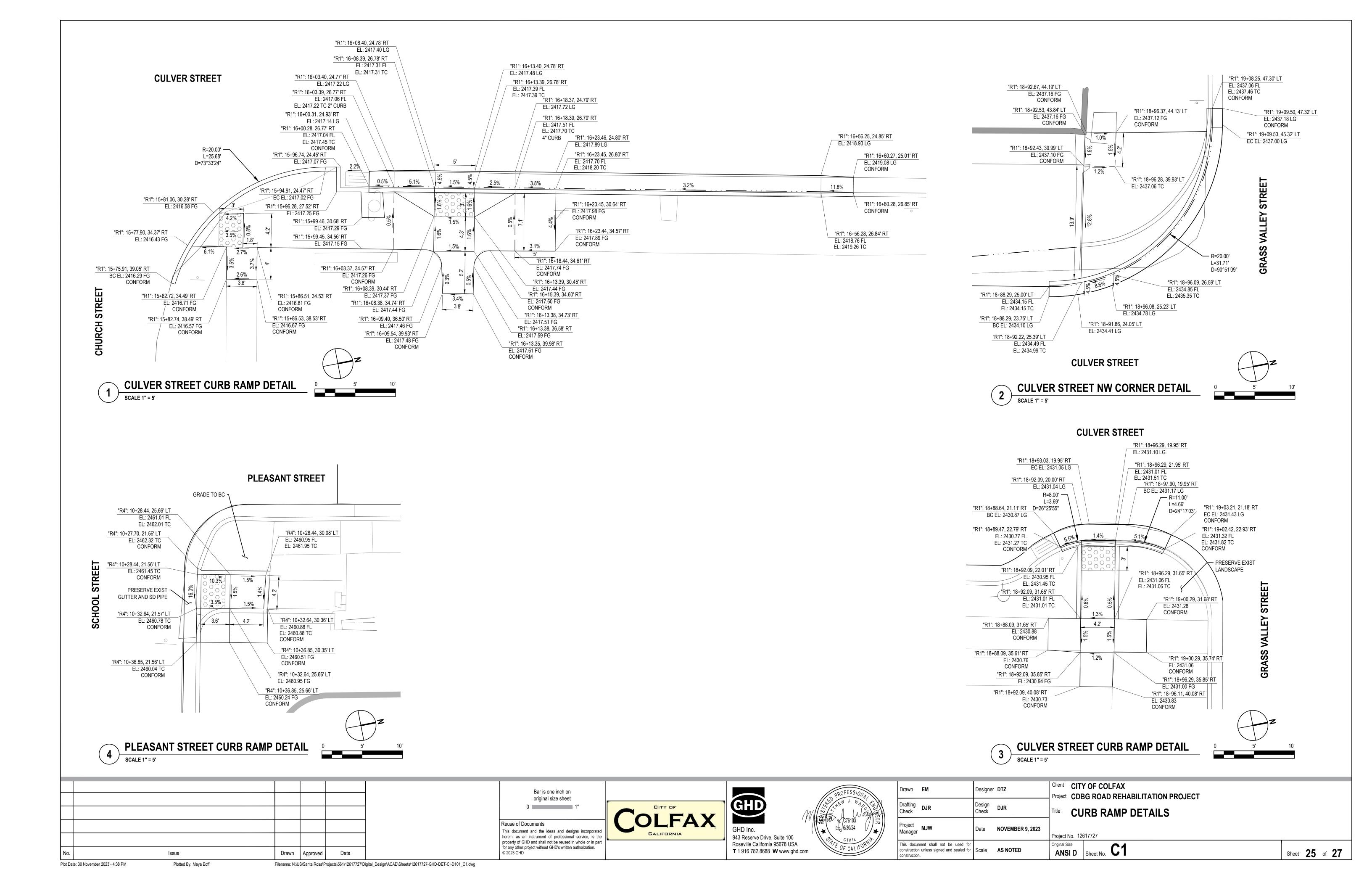
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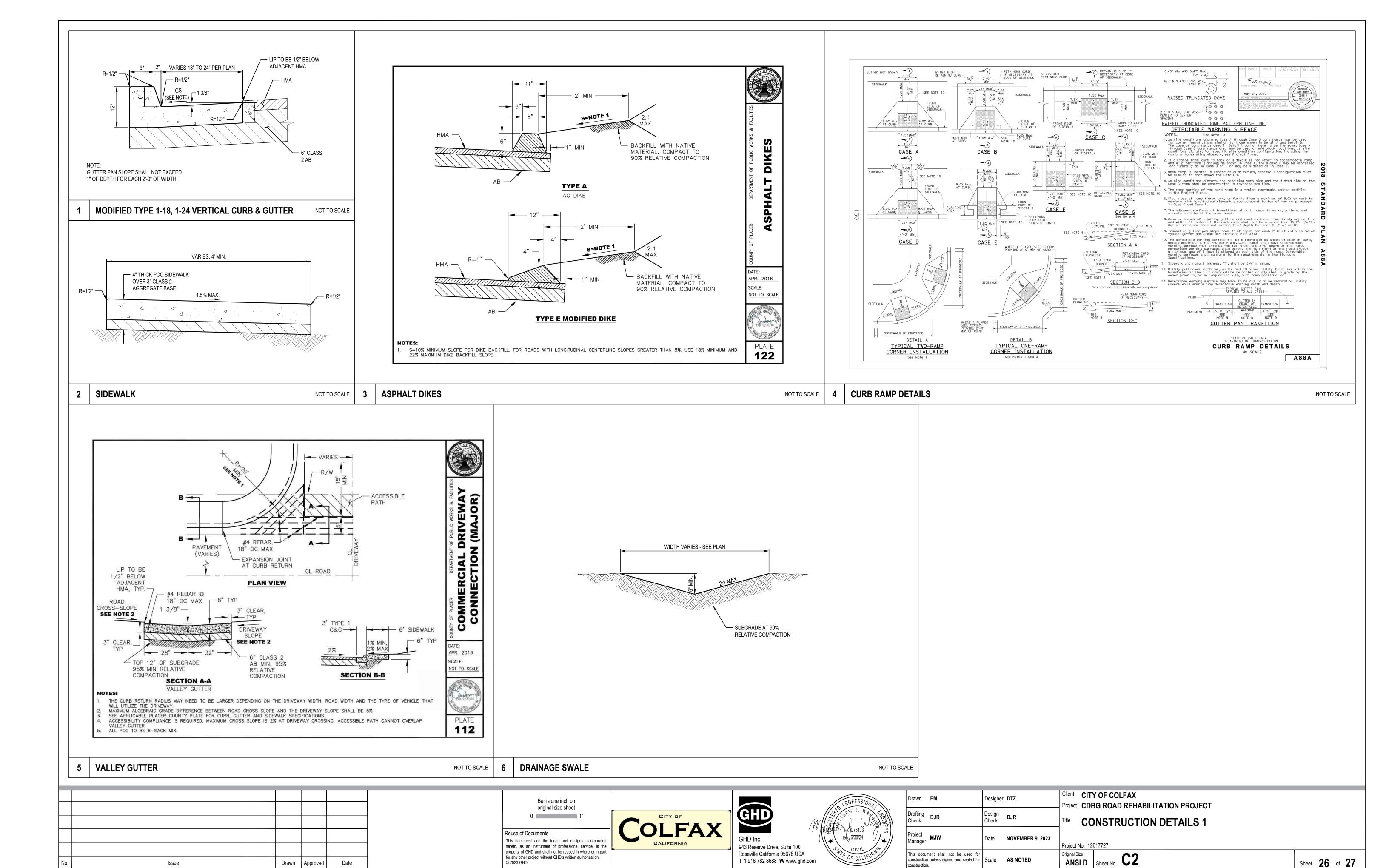
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Plot Date: 30 November 2023 - 4:36 PM

Plotted By: Maya Eoff

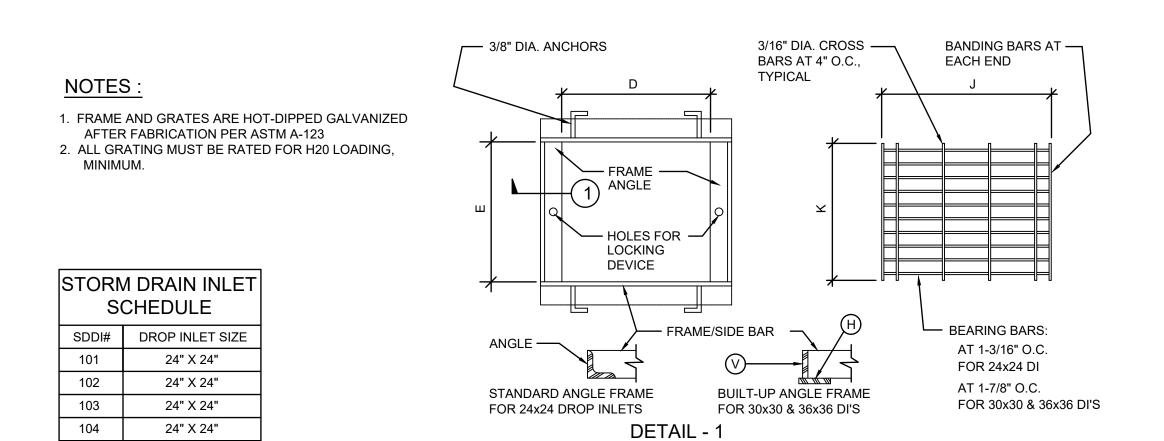
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construction.

Plot Date: 30 November 2023 - 4:39 PM Plotted By: Maya Eoff Filename: N:\US\Santa Rosa\Projects\561\12617727\Digital_Design\ACAD\Sheets\12617727-GHD-DET-CI-D101_C2 C3.dwg

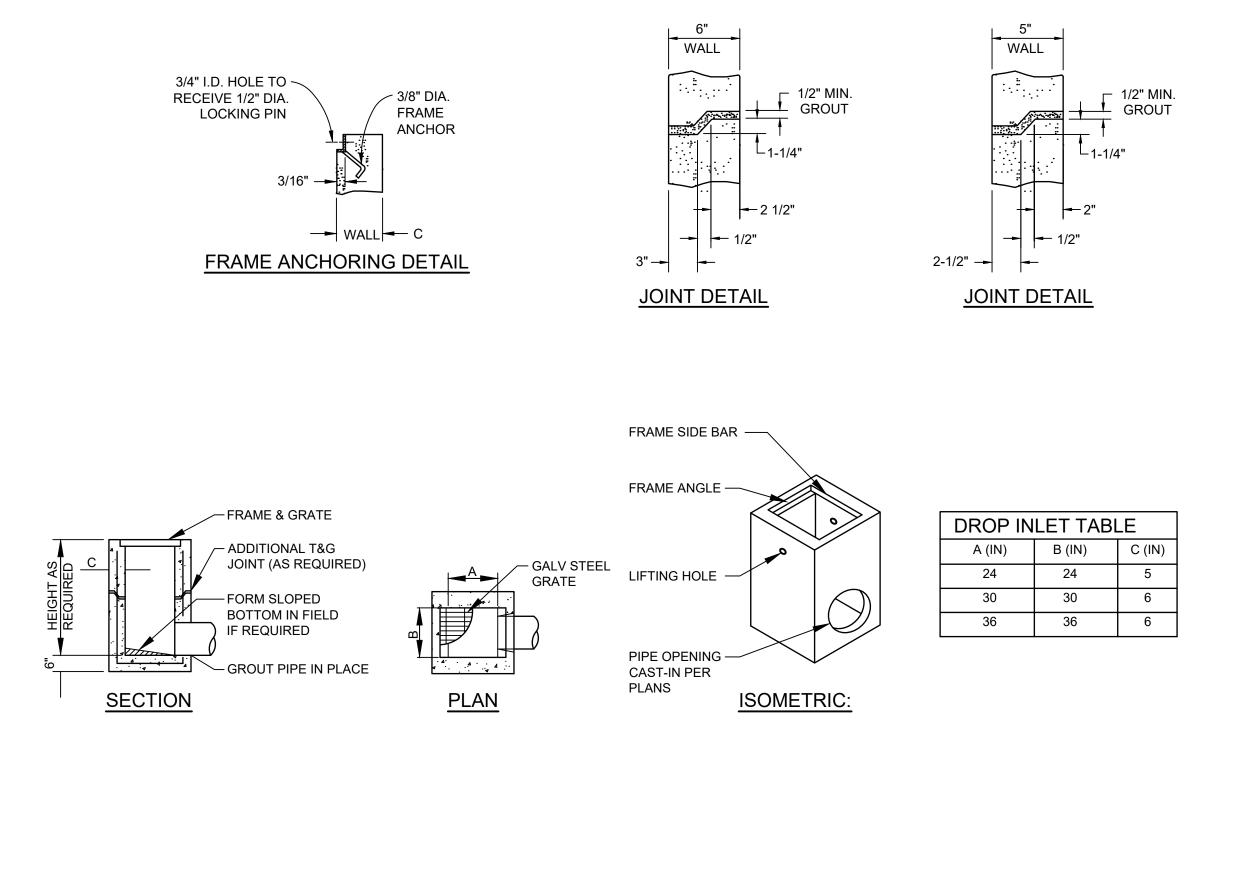


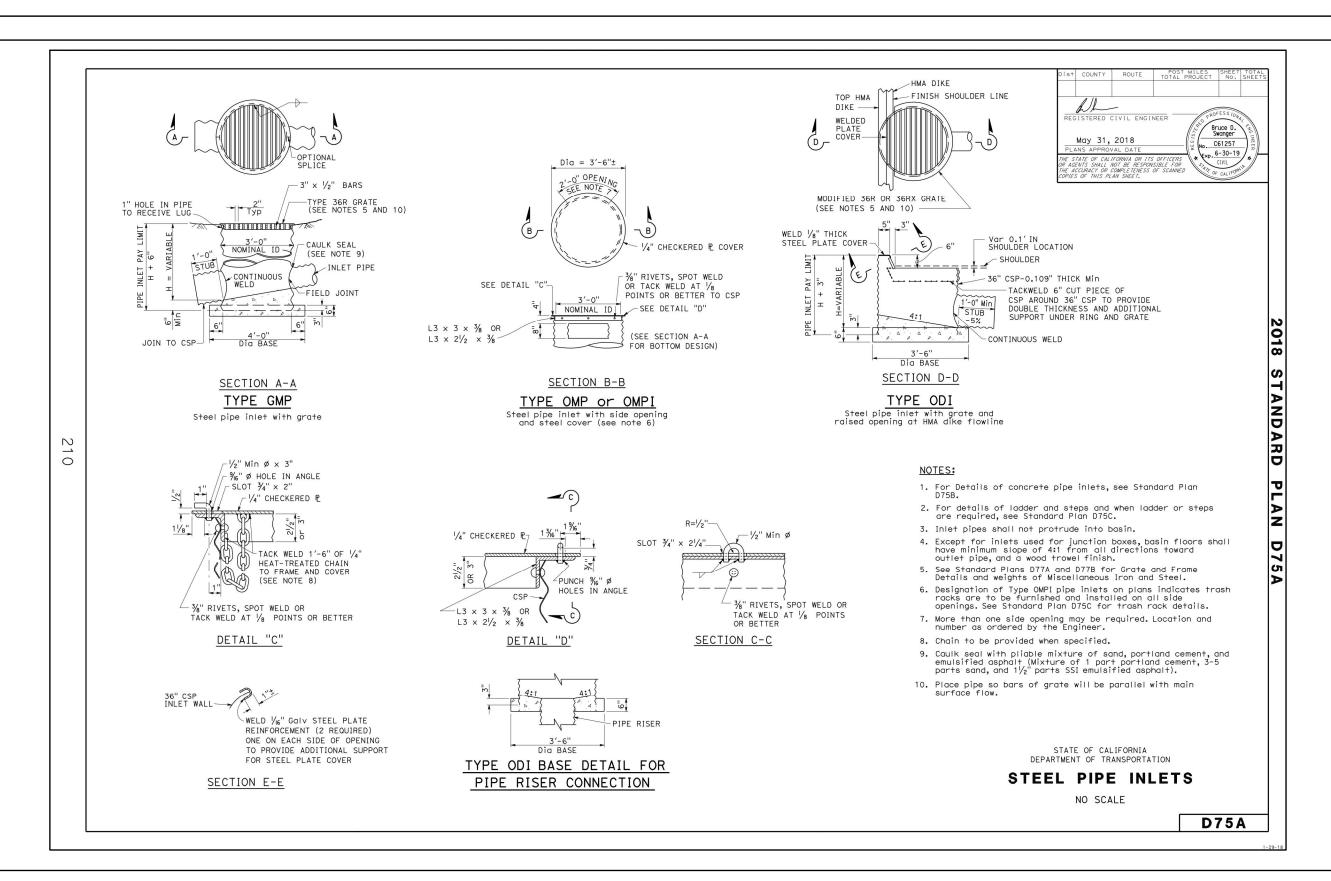
	FRAMES					
Α	В	D	Е	FRAME ANGLE	SIDE BAR	
IN	IN	IN	IN	IN	IN	
24	24	24-3/8	24-3/8	2-1/2x1-1/2X3/16	2x1/4	
30	30	30-3/8	30-3/8	V 3x1/4 H 2-1/2x1/4	3x1/4	
36	36	36-3/8	36-3/8	V 3-1/2x1/4 H 2-1/2x1/4	3-1/2x1/4	

FRAME PLAN

GRATES							
J	K	BEARING BARS	BANDING BARS				
IN	IN	IN	IN				
26-11/16	24-1/8	2-1/4x3/16	2x3/16				
34-1/16	30-1/16	3-5/16	2-1/2x1/4				
40-1/16	36	3-1/2x1/4	2-1/2x1/4				

GRATE PLAN



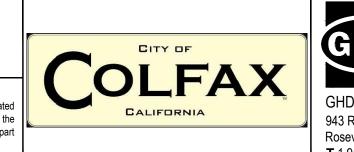


STEEL PIPE INLETS NOT TO SCALE

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NOT TO SCALE





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	Drafting Check	DJR	Design Check	DJR	Title	
	Project Manager	MJW	Date	NOVEMBER 9, 2023	Project	
		nent shall not be used for	Scale	AS NOTED	Original S	

construction.

Client	CITY OF	COL	LFAX										
Project	CDBG R	CDBG ROAD REHABILITATION PROJECT											
Title CONSTRUCTION DETAILS 2													
Project No. 12617727													
Original Siz		et No.	C 3								Sheet	27	of

Sheet **27** of **27**

105

36" X 36"

PRECAST CONCRETE DROP INLET

Approved