CITY OF COLUSA
WESCOTT ROAD REHABILITATION
CIVIL IMPROVEMENT PLANS

CITY OF COLUSA, COLUSA COUNTY, CALIFORNIA

100% SUBMITTAL

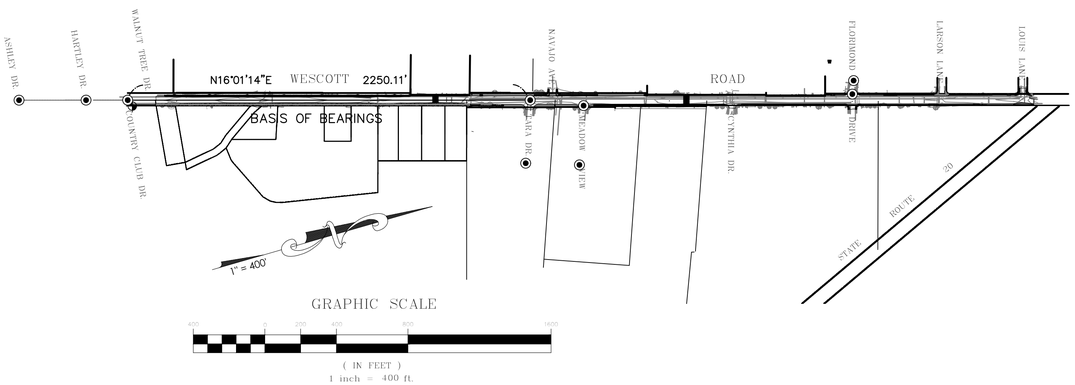
MAY, 2025

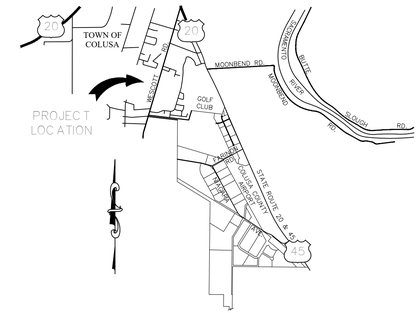
ABBREVIATIONS:

AC	-	ASPHALT CONCRETE
AB	-	AGGREGATE BASE
APPROX.	-	APPROXIMATELY
AVE.	-	AVENUE
BC	-	BEGIN CURVE
C&G	-	CURB AND GUTTER
CL	-	CENTER LINE
C.O.T.G.	-	CLEAN OUT TO GRADE
CR	-	CURB RETURN
CULV.	-	CULVERT
DTL.	-	DETAIL
D\W	-	DRIVEWAY
EC	-	END CURVE
EL	-	ELEVATION
EP	-	EDGE OF PAVEMENT
ESMT.	-	EASEMENT
EX.	-	EXISTING
EXP.	-	EXPIRES
F.E.S.	-	FLARED END SECTION
FH	-	FIRE HYDRANT
FL	-	FLOW LINE
FM	-	SEWER FORCE MAIN
FND.	-	FOUND
GB	-	GRADE BREAK
HORIZ.	-	HORIZONTAL
HP	-	HIGH POINT
INTX.	-	INTERSECTION
INV.	-	INVERT
I.P.	-	IRON PIPE
JP	-	JOINT POLE
LIP	-	LIP OF GUTTER
L.S.	-	LONG SWEEP
MH	-	MANHOLE
MON.	-	MONUMENT
OG	-	ORIGINAL GROUND
P.	-	PROPOSED
PC	-	POINT OF CURVATURE
PL	-	PROPERTY LINE
PP	-	POWER POLE
PT	-	POINT OF TANGENCY
PUE	-	PUBLIC UTILITY ESMT.
R/W	-	RIGHT-OF-WAY
SCH	-	SCHEDULE
SD	-	STORM DRAIN
SHT	-	SHEET
SS	-	SANITARY SEWER
ST.	-	STREET
STA.	-	STATION
STD.	-	STANDARD
S/W	-	SIDEWALK
TBC	-	TOP BACK OF CURB
TBW	-	TOP BACK OF WALK
TOE	-	TOE OF SLOPE
TOP	-	TOP OF SLOPE
TP	-	TELEPHONE POLE
VERT.	-	VERTICAL
w/	-	WITH
W	-	WATER
WM	-	WATER METER
WV	-	WATER VALVE

LEGEND

- FOUND MONUMENT
- ASSUMED BENCHMARK
- CENTERLINE
- RIGHT OF WAY
- ADJOINER PARCEL BOUNDARY
- EXTENT OF PROJECT





VICINITY MAP
NOT TO SCALE

SHEET INDEX:

CONTRACTOR TO CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600, 48 HOURS IN ADVANCE OF EXCAVATION

UTILITY REPRESENTATIVES

UTILITY	COMPANY	CONTACT	PHONE
SEWER	CITY OF COLUSA PUBLIC WORKS	STAFF	(530) 458-4941
DRAINAGE	CITY OF COLUSA PUBLIC WORKS	STAFF	(530) 458-2215
WATER	CITY OF COLUSA PUBLIC WORKS	STAFF	(530) 458-4941
IRRIG. WATER	CITY OF COLUSA PUBLIC WORKS	STAFF	(530) 458-4941
FIRE	COLUSA FIRE DEPARTMENT	STAFF	(530) 458-5890
CABLE TV	COMCAST	AGENT	(800) 934-6489
ELECTRICAL	PACIFIC GAS & ELECTRIC (PG&E)	STAFF	(877) 743-7782
GAS	PACIFIC GAS & ELECTRIC (PG&E)	STAFF	(877) 743-7782
PHONE	AT&T	STAFF	(855) 637-9525
USA	UNDERGROUND SERVICE ALERT	STAFF	(800) 227-2600

CEC GENERAL NOTES

1.) ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, CITY OF COLUSA STANDARD PLANS AND SPECIFICATIONS, AND TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION. THE CONTRACTOR SHALL OBTAIN A COPY OF THE CITY'S IMPROVEMENT AND CONSTRUCTION STANDARDS PRIOR TO CONSTRUCTION. IN THE ABSENCE OF A SPECIFICATION FOR AN ITEM IN THESE PLANS AND THE CITY OF COLUSA STANDARD PLANS AND SPECIFICATIONS, ALL APPLICABLE FEDERAL AND STATE LAWS ARE TO BE ADHERED TO AND MEET CURRENT ENGINEERING AND CONSTRUCTION STANDARD PRACTICES TO THE SATISFACTION OF THE CITY ENGINEER.

2.) THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UTILITIES WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATIONS WILL REVEAL SUCH INFORMATION. A REASONABLE EFFORT WAS MADE TO DELINEATE UTILITIES, HOWEVER, CALIFORNIA ENGINEERING COMPANY, INC. ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE LOCATION OF THE EXISTING UTILITIES ON THE PLANS, NOR FOR OTHER UTILITIES THAT MAY BE ENCOUNTERED. THE CONTRACTOR IS HEREBY NOTIFIED THAT HE IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION OF ALL UTILITIES AT THE CONSTRUCTION SITE. IN THE EVENT THAT SUBSTANTIAL DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER FOR DIRECTION.

3.) IN THE EVENT THERE IS A DISCREPANCY OR TYPOGRAPHICAL ERROR WITHIN THESE PLANS, OR REQUEST FOR INFORMATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR DIRECTION. THE CONTRACTOR IS HEREBY NOTIFIED THAT THE ENGINEER SHALL BE ALLOWED A MINIMUM OF TWO WORKING DAYS TO ADDRESS THE ISSUE.

4.) ONLY SIGNED PLANS BY ALL PARTIES INVOLVED SHALL BE CONSIDERED APPROVED. THE CONTRACTOR SHALL NOT BEGIN WORK BEFORE THE PLANS HAVE BEEN APPROVED. THE CONTRACTOR SHALL HAVE ALL PERMITS AND APPROVED PLANS ON-SITE AT ALL TIMES DURING CONSTRUCTION.

5.) THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT BEFORE DIGGING (800-227-2600) AT LEAST 72 HOURS BEFORE BEGINNING WORK.

6.) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WORK WITH ALL SUBCONTRACTORS, UTILITY COMPANIES, AND THE CITY OF COLUSA.

7.) THE CONTRACTOR SHALL CONTACT THE CITY OF COLUSA PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE/PRIOR TO COMMENCEMENT OF WORK.

8.) ADJACENT STREET FRONTAGES SHALL BE SWEPT AT LEAST ONCE A DAY TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES.

9.) ALL TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL REQUIRED TESTS SHALL BE COORDINATED AND APPROVED BY THE PROJECT ENGINEER AND CITY OF COLUSA.

10.) ADDITIONAL NOTES AND DETAILS ARE LOCATED ON THE FOLLOWING SHEETS.

11.) OWNER, NOT THE ENGINEER, SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL LOCAL, STATE, AND FEDERAL APPROVALS AND PERMITS ASSOCIATED WITH WORK SHOWN IN THESE PLANS, AND ASSUMES ALL LIABILITY ASSOCIATED THEREWITH.

12.) CONTRACTOR TO FIELD VERIFY ALL EXISTING ELEVATIONS AND INVERTS ON ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF ANY PIPE.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS OF THESE IMPROVEMENT PLANS IS THE LINE BETWEEN TWO FOUND WELL MONUMENTS LOCATED AT THE CENTERLINE INTERSECTIONS OF WESCOTT ROAD AND COUNTRY CLUB DRIVE AND WESCOTT ROAD AND TARA DRIVE AS SHOWN ON "FINAL MAP NO. 2-06" AS RECORDED IN BOOK 2 OF SUBDIVISION MAPS, PG 28 IN COLUSA COUNTY RECORDS, SAID LINE HAVING A BEARING OF N16°01'14"E AND A DISTANCE OF 2250.11 FEET.

VERTICAL DATUM:

THE ELEVATION DATUM OF THIS PROJECT IS THE GUTTER FLOW LINE ELEVATION AT CURB RETURN ON THE NORTHEAST CORNER OF COUNTRY CLUB DRIVE AND WESCOTT ROAD, ASSUMED FROM THE IMPROVEMENT PLAN SET BY MHM DATED FEBRUARY 1989. THE BENCHMARK ELEVATION IS 51.05.

CALIFORNIA ENGINEERING COMPANY, INC.

SUBMITTED BY:

MARISA HEWITT, PE #91572 — May 23, 2025
PROJECT ENGINEER — DATE

CITY OF COLUSA PUBLIC WORKS

APPROVED BY:

JESSE CAIN — DATE
PUBLIC WORKS

CITY OF COLUSA

APPROVED BY:

DAVID L. SWARTZ, P.E. # C52840 - P.L.S. # 8401 — May 23, 2025
CITY ENGINEER — DATE

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE:
DRAWN BY: DDI
DESIGNED BY: MRH
CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER — MARISA ROSE HEWITT — C 91572 — CIVIL — STATE OF CALIFORNIA

CALIFORNIA ENGINEERING COMPANY INC
ESTD 1986
CIVIL ENGINEERING
LAND SURVEYING
FUNDING PROCUREMENT
CONSTRUCTION ADMINISTRATION
www.cecusa.net
1110 Civic Center Blvd. Suite 404 | Yuba City, CA 95993 | (530) 751-0952 Office

CITY OF COLUSA
COVER
WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET G1 OF 32

CEC GENERAL NOTES

1.) THE CONSTRUCTION CONTRACTOR SHALL AGREE, THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE 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 THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CONSULTING ENGINEER AND THE CITY OF COLUSA 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 CONSULTING DESIGN PROFESSIONAL OR THE CITY OF COLUSA.

2.) ALL CONSTRUCTION MATERIALS, METHODS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF COLUSA PUBLIC WORKS IMPROVEMENT STANDARDS. ADOPTED LATEST EDITION OF CAL TRANS CONSTRUCTION SPECIFICATIONS (RANK SHALL BE IN ABOVE LISTED ORDER WHERE DISCREPANCIES EXIST). ALL WORK IS SUBJECT TO THE APPROVAL OF CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. CERTIFICATION FOR CONFORMANCE WITH CITY SPECIFICATIONS WILL BE REQUIRED FOR ALL MATERIALS USED ON THE PROJECT UNLESS SPECIFICALLY WAIVED BY THE CITY ENGINEER.

3.) THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER 72–HOURS PRIOR TO COMMENCING WORK AND 24–HOURS PRIOR TO RESUMPTION AFTER INTERRUPTION.

4.) THE CONTRACTOR SHALL OBTAIN ALL NECESSARY ENCROACHMENT PERMITS FOR THE PROJECT, AND BE IN RECEIPT OF SUCH PERMITS AND APPROVED PLANS PRIOR TO THE BEGINNING OF CONSTRUCTION.

5.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODIES. FOR MORE INFORMATION, PLEASE CONTACT THE STATE INDUSTRIAL SAFETY DEPARTMENT (916–455–5818).

6.) THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO SEE THAT ALL SUBCONTRACTORS AND SUPPLIERS HAVE CURRENT COUNTY BUSINESS LICENSES. THE WORK WILL NOT BE ACCEPTED FOR COMPLETION UNTIL SUBMITTAL OF A COMPLETE LIST WITH LICENSE NUMBERS TO THE CITY ENGINEER.

7.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EXISTING PUBLIC AND PRIVATE IMPROVEMENTS WITHIN AND ADJACENT TO THE WORK AND SHALL ADEQUATELY BARRICADE PROJECT TO KEEP THE GENERAL PUBLIC FROM THE SITE. ANY DAMAGE TO CITY OR PRIVATE IMPROVEMENTS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS EXPENSE TO CURRENT CITY OF COLUSA STANDARDS.

8.) THE CONTRACTOR IS TO EXPOSE THE ENDS OF WATER MAINS, SEWER AND DRAIN LINES AND EXISTING GRAVITY LINES FOR THE SURVEYOR TO VERIFY LOCATION AND DEPTH OF FACILITIES PRIOR TO PLACEMENT OF PIPE.

9.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE CONSULTING ENGINEER IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ENGINEER OR CITY ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL MITIGATIONS CAN BE MADE. ANY COSTS INCURRED RESULTING FROM THE CONTRACTOR'S FAILURE TO STOP WORK AS DIRECTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10.) THE CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS WORK WITH THAT OF OTHERS ON THE SITE. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT ON HIS BEHALF, ON THE JOB SITE DURING ALL WORKING HOURS.

11.) THE CITY OF COLUSA IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE CALL SYSTEM. THE CONTRACTORS SHALL NOTIFY THE U.S.A. CENTER 48–HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING 1–800–227–2600.

12.) THE CONTRACTOR SHALL MARK IN WHITE PAINT ALL AREAS TO BE EXCAVATED PRIOR TO CONTACTING U.S.A.

13.) CONTRACTOR SHALL SUBMIT TO THE PUBLIC WORKS DEPARTMENT INSPECTOR A COPY OF THE COMPANY ANNUAL CALOSHA TRENCHING PERMIT AND A COPY OF THE COMPANIES LETTER INFORMING CALOSHA OF THE TIME OF TRENCHING PRIOR TO EXCAVATION OF TRENCHES 5' OR DEEPER.

14.) ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY'S NOISE ORDINANCE.

15.) IF ANY AMOUNT OF BONES, STONE OR ARTIFACTS ARE UNCOVERED, WORK WITHIN 165 FEET OF THE AREA SHALL CEASE IMMEDIATELY AND A QUALIFIED ARCHEOLOGIST SHALL BE CONSULTED TO DEVELOP (IF NECESSARY) FURTHER MITIGATION MEASURES TO REDUCE ANY ARCHEOLOGICAL IMPACT TO A LESS THAN SIGNIFICANT EFFECT BEFORE CONSTRUCTION RESUMES IN THE AREA.

16.) CONTRACTOR SHALL PROVIDE THE CITY ENGINEER WITH SUBMITTALS FOR ALL MATERIALS TO BE USED. THE SUBMITTALS SHALL BE DELIVERED TO THE DEPARTMENT OF PUBLIC WORKS A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PRE–CONSTRUCTION CONFERENCE.

17.) CERTIFICATION FOR CONFORMANCE WITH THE CITY OF COLUSA SPECIFICATIONS WILL BE REQUIRED OF ALL MATERIAL USED ON THE PROJECT UNLESS SPECIFICALLY WAIVED BY THE ENGINEER.

18.) CONTRACTOR SHALL ADEQUATELY BARRICADE PROJECT TO KEEP THE GENERAL PUBLIC FROM THE SITE.

19.) ALL APPLICABLE FEES TO BE PAID AND PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR BEFORE COMMENCEMENT OF CONSTRUCTION.

20.) A SOILS ENGINEER SHALL BE ENGAGED BY THE OWNER TO CERTIFY THAT THE VARIOUS ITEMS OF COMPACTION COMPLY WITH THE SPECIFICATIONS AND THAT SPECIAL WORK REQUIRED HAS BEEN DONE SATISFACTORILY.

21.) THE CONTRACTOR SHALL USE A WATER TRUCK WHEN REQUIRED TO MAINTAIN ADEQUATE DUST CONTROL.

22.) INTERMEDIATE TRENCH BACK FILL SHALL BE IN MAXIMUM LIFTS OF 8" AND SHALL HAVE A MINIMUM RELATIVE COMPACTION OF 90% OR AS DIRECTED BY THE SOILS ENGINEER. COMPACTION SHALL BE BY MECHANICAL MEANS.

23.) EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE PLANS AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP).

24.) PRIOR TO THE BEGINNING OF EARTHWORK THE CONTRACTOR SHALL CLEAR ALL ROOTS, ORGANIC MATTER, DEBRIS, PAVING. CURB, AND VEGETATION DESIGNATED TO BE SAVED, FROM THE AREA WITHIN WHICH EXCAVATION AND GRADING ARE TO BE CONDUCTED OR STORAGE OF EXCAVATED MATERIALS OR FILL IS TO BE MADE. VEGETATION CLEARED FROM THESE AREAS SHALL BE DISPOSED OF BY THE CONTRACTOR, AND INCLUDED IN THE COST OF CLEARING AND GRUBBING.

25.) IN TRANSITION AREAS FROM ONE STREET WIDTH TO ANOTHER STREET WIDTH, THE HEAVIER STRUCTURAL SECTION SHALL BE USED.

26.) DIMENSIONS SHOWN ON PLANS ARE TO CENTERLINE OF PIPE, UNLESS OTHERWISE NOTED.

CEC GENERAL NOTES CONTINUED

28.) SEWER AND WATER AND SERVICES TO HAVE A MINIMUM 10 FEET HORIZONTAL SEPARATION.

29.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES.

30.) CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND DEPTH. THE TYPES, LOCATIONS, SIZES AND DEPTH OF EXISTING UTILITIES WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY, THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATIONS WILL REVEAL ACTUAL INFORMATION. A REASONABLE EFFORT WAS MADE TO DELINEATE UTILITIES, HOWEVER, CALIFORNIA ENGINEERING COMPANY ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS, NOR ACCURACY, NOR FOR OTHER UTILITIES WHICH MAY BE ENCOUNTERED. THE CONTRACTOR IS HEREBY NOTIFIED THAT THEY ARE RESPONSIBLE FOR VERIFICATION OF THE LOCATION OF ALL UTILITIES AT THE CONSTRUCTION SITE. IN THE EVENT CONFLICTS EXIST OR SUBSTANTIAL DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY AND ALLOW 2 WORKING DAYS FOR CHANGE TO BE MADE, COORDINATED AND APPROVED.

GRADING NOTES

1.) A SOILS ENGINEER SHALL CERTIFY THAT THE VARIOUS ITEMS OF COMPACTION AND MATERIALS HAVE BEEN ACCOMPLISHED. GRADING SHALL CONFORM TO CHAPTER 70 UBC, LATEST EDITION, AND TO THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEERING REPORT, AND CITY REQUIREMENTS, WHICH EVER IS GREATER.

2.) ALL COMPACTION TESTING SHALL BE PERFORMED BY A LICENSED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL AND COUNTY SPECIFICATIONS AND BE PAID FOR BY THE DEVELOPER (OR CONTRACTOR IN CASE OF RE–TESTING). THOSE TESTS WITHIN THE RIGHT–OF–WAY SHALL BE APPROVED BY THE CITY OF COLUSA AND ALL TESTING OUTSIDE THE RIGHT–OF–WAY CERTIFIED BY THE SOILS ENGINEER FOR THE PROJECT. THE RESULTS OF SOIL COMPACTION TESTING SHALL BE SUBMITTED TO THE CITY BI–MONTHLY.

3.) ALL UNSUITABLE AND SURPLUS MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED.

4.) SUFFICIENT EQUIPMENT SHALL BE AVAILABLE TO PROVIDE DUST CONTROL AT ALL TIMES DURING CONSTRUCTION. A WATER TRUCK SHALL BE USED, WHEN REQUIRED, TO MAINTAIN ADEQUATE DUST CONTROL. AREAS SURROUNDING THE WORK SHALL BE KEPT CLEAN AND RETURNED TO ORIGINAL CONDITION UPON COMPLETION OF THE CONTRACT. THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT WATER METER PRIOR TO COMMENCEMENT OF WORK.

5.) ROUTES TO THE PROJECT SITE FOR HEAVY EQUIPMENT AND MATERIAL SHALL BE APPROVED BY THE CITY ENGINEER.

6.) EROSION CONTROL HYDROSEEDING SHALL BE APPLIED TO ALL GRADED OR DISTURBED SOILS WITHIN THE WORK AREA AFTER COMPLETION OF IMPROVEMENTS OR IF PRACTICAL AFTER GRADING ALSO TO REDUCE DUST.

7.) WINTERIZATION NOTE *THE FOLLOWING ARE REQUIRED IF GRADING AND CLEARING IMPROVEMENTS ARE INCOMPLETE BY OCTOBER 15TH; EROSION PROTECTION ON SLOPES 10:1 OR STEEPER AND SWALES WITH SLOPES 2% OR GREATER. NO SEDIMENT SHALL LEAVE THE PROJECT AREA. GRADE GUTTER SAG POINTS TO DRAIN. PROVIDE FOR DRAINAGE OF IMPROVEMENTS. PREVENT SEDIMENTATION IN EXISTING STORM DRAIN SYSTEM AND CLEAN PIPES PER SECTION SS60–05 (CAL–TRANS SPECS). SEAL OFF ALL SANITARY SEWER CONNECTION TO EXISTING SYSTEMS. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN WINTERIZATION FACILITIES AT ALL TIMES OR UNTIL IMPROVEMENTS ARE FINAL.

8.) ALL EROSION CONTROL SHALL BE PLACED AS SPECIFIED ON THESE PLANS OR AS SHOWN ON THE SWPPP.

9.) TARPAULINS OR OTHER EFFECTIVE COVERS SHALL BE USED ON ALL STOCKPILED EARTH MATERIAL AND ON HAUL TRUCKS TO MINIMIZE DUST.

10.) THE CITY SHALL HAVE THE AUTHORITY TO STOP ALL GRADING OPERATIONS, IF, IN THE OPINION OF COUNTY STAFF, INADEQUATE DUST CONTROL MEASURES ARE BEING PRACTICED OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO FUGITIVE DUST EMISSIONS.

11.) ADJACENT STREET FRONTAGES SHALL BE SWEPT AT LEAST ONCE A DAY TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES.

12.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING CONSTRUCTION VEHICLES LEAVING THE SITE ON A DAILY BASIS TO PREVENT DUST, SILT, AND DIRT FROM BEING RELEASED OR TRACKED OFFSITE.

13.) PRIOR TO INITIATING CLEARING AND GRUBBING ALL PROTECTIVE FENCING SHALL BE INSTALLED.

CONSTRUCTION STAKING

1.) THE SURVEYOR FOR THIS PROJECT SHALL PROVIDE ONE (1) SET OF CONSTRUCTION STAKES FOR LINE AND GRADE UNLESS OTHERWISE REQUESTED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

2.) IN THE EVENT OF A DISAGREEMENT OR DESTROYED STAKE OR MONUMENT, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE SURVEYOR PRIOR TO ANY FURTHER CONSTRUCTION. SURVEYOR: CALIFORNIA ENGINEERING COMPANY, INC.

3.) THE CONTRACTOR SHALL GIVE THE SURVEYOR 72–HOURS NOTICE PRIOR TO EACH PHASE OF CONSTRUCTION OR IN THE EVENT OF NEEDED RESTAKING. PRIOR TO REQUESTING ACCEPTANCE OF IMPROVEMENTS, THE SURVEYOR FOR THIS PROJECT SHALL SET SURVEY MONUMENTS AS SPECIFIED IN THE IMPROVEMENT STANDARDS.

4.) THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS.

5.) THE CONTRACTOR SHALL HAVE THE SITE STAKED PRIOR TO CONSTRUCTION OF ANY IMPROVEMENTS TO ENSURE PROPER ALIGNMENTS AND ELEVATIONS. CEC WILL ONLY ENSURE ACCURACY ON ALIGNMENTS AND ELEVATIONS IF IT IS HIRED TO PERFORM CONSTRUCTION STAKING. CEC SHALL NOT BE HELD RESPONSIBLE FOR ALIGNMENT AND ELEVATION ACCURACY IF ANOTHER FIRM PERFORMS THE CONSTRUCTION STAKING.

STORM DRAIN NOTES:

1. THE STORM DRAIN FACILITIES SPECIFIED IN THESE PLANS, INCLUDING MATERIALS AND METHOD OF INSTALLATION, SHALL BE IN ACCORDANCE WITH THE CITY OF COLUSA DEPARTMENT OF PUBLIC WORKS SUBDIVISION STANDARDS, CALTRANS STANDARD SPECIFICATIONS, AND THE MANUFACTURERS SPECIFICATIONS (50 YEARS SERVICE LIFE). THE FOLLOWING PIPE ALTERNATIVES SHALL BE USED:

   A. REINFORCED CONCRETE PIPE (RCP) CLASS III, UNLESS SPECIFIED OTHERWISE IN THESE PLANS. PIPE SHALL CONFORM TO ASTM C76, LATEST REVISION. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURERS RECOMMENDATION AND THE REQUIREMENTS OF ASTM C 443.

   B. POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ONE OF THE FOLLOWING SPECIFICATIONS:

      DIAMETER ASTM DESIGNATION
      12 INCH D3034, SDR 35 / C900, DR 18
      15 INCH D3034, SDR 35 / C905, DR 18
      18 INCH D2241, SDR 51 / C905, DR 18
      21 INCH D2241, SDR 51
      24 INCH D2241, SDR 51 / C905, DR 18
      27 INCH D2241, SDR 51
      30 INCH C905, DR 18

      JOINTS OF PVC PIPE SHALL CONSIST OF EITHER AN ELASTOMERIC GASKET COUPLING OR AN INTERNAL BELL AND SPIGOT WITH AN ELASTOMERIC GASKET. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURERS RECOMMENDATIONS AND THE REQUIREMENTS OF ASTM D–3212. PVC SHALL NOT BE USED WHERE EXPOSURE TO THE SUN MAY OCCUR.

   C. HIGH DENSITY POLYETHYLENE PIPE DOUBLE WALL–CONFORMING TO AASHTO M294 OR MP7–97 TYPE S OR TYPE D WITH INSIDE DIAMETERS OF 12 TO 60 INCHES. PIPE JOINTS SHALL BE BELL AND SPIGOT OR WELDED TYPE, CERTIFIED CAPABLE OF WATERTIGHT PERFORMANCE, WITH O–RING GASKETS MEETING ASTM F–477. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURERS RECOMMENDATIONS AND THE REQUIREMENTS OF ASTM D–3212.

2. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
3. EXISTING STORM DRAIN FACILITIES SHALL BE EXPOSED AND INVERT VERIFIED PRIOR TO PLACEMENT OF PIPE WITH ALL CONSTRUCTION CONFORMING TO MANUFACTURERS SPECIFICATIONS AND TO THE REQUIREMENTS OF COLUSA COUNTY. ALL COSTS FOR SUCH EXCAVATION AND BACK FILL SHALL BE INCLUDED IN THE BID PRICE.
4. THE CONTRACTOR SHALL NOT ALLOW ANY SEDIMENT TO BE WASHED INTO OR ENTER STORM DRAINAGE FACILITIES. SHOULD EXCESSIVE SEDIMENTATION OCCUR, THE CONTRACTOR SHALL BE REQUIRED TO FLUSH OUT AND CLEAN THE FACILITIES AND BE APPROVED BY THE CITY ENGINEER PRIOR TO FINAL ACCEPTANCE.
5. ALL MANHOLES SHALL BE 48" IN DIAMETER, UNLESS OTHERWISE SHOWN.
6. MANHOLES LOCATED OUTSIDE OF PAVED AREAS SHALL HAVE RIM SET 6" ABOVE GROUND SURFACES, OR TO GRADE AS NOTED.
7. DURING CONSTRUCTION, NEW AND EXISTING PIPES OR UTILITIES LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED WITH PLATE STEEL OR MAINTAIN ADEQUATE COVER TO PREVENT ANY DAMAGE FROM HEAVY EQUIPMENT. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO PIPES OR UTILITIES DURING CONSTRUCTION.
8. ALL DROP INLETS SHALL INCLUDE A " NO DUMPING, FLOWS TO CREEK " PUBLIC NOTICE.

UTILITY COVERS ADJUSTMENT

1. CONTRACTOR SHALL LOCATE VIA GPS
2. CONTRACTOR SHALL LOWER PRIOR TO FDR–C OPERATION, AND ONCE PAVING IS COMPLETE SHALL RETURN ALL UTILITY COVERS TO GRADE

PROJECT NOTES:

1. ANY BUSH, SHRUBS OR TREES WITHIN THE ROW SHALL BE TRIMMED OR REMOVED
2. WHERE TRAVERSING AROUND POWER POLES, A MINIMUM OF 36" SHALL BE KEPT CLEAR FOR PATH OF TRAVEL
3. WHERE SECTIONS OF SIDEWALK ARE TO BE REMOVED AND REPLACED, SIDEWALKS SHALL MATCH EXISTING GRADES.
4. WHERE NEW CONCRETE MEETS EXISTING CONCRETE, DOWELS SHALL BE INSTALLED
5. WHERE NEW SIDEWALK IS PLACED FROM APPROX STA: 12+50 TO 29+00, BACKFILL SHALL BE PLACED 1' FLAT BEHIND SIDEWALK AND THEN 2H:1V SLOPE TO MATCH EXISTING GRADE
6. WATER SERVICE LINE REPLACEMENT: REMOVE PIPING BETWEEN CONNECTION ON MAIN AND EXISTING METER SERVICE. REPLACE WITH NEW POLYETHYLENE TUBING.

LEGEND - EXISTING

- GRAVEL/DRIVEWAY
- EDGE OF PAVEMENT
- PCC
- CURB&GUTTER/SIDEWALK
- FLOW LINE
- X — FENCE
- SD — STORM DRAIN WITH DROP INLET
- WATER LINE
- GAS — GAS LINE
- FLOW LINE
- TREE
- BUSHES
- UTILITY POLE
- WATER VALVE
- WATER METER
- S — SEWER WITH MANHOLE
- SS — SANITARY SEWER
- 52.0 — MAJOR CONTOUR
- 52.2 — MINOR CONTOUR
- MARKING

LEGEND - PROPOSED

- GRIND/ OVERLAY AC
- REMOVE PCC
- AGGREGATE BASE UNDER NEW AC
- AC PAVING
- PCC CURB, GUTTER, SIDEWALK
- STORM DRAIN PIPE
- SD CURB INLET
- SD MANHOLE
- PAVEMENT MARKING
- SIGN

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE:
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DESIGNED BY: MRH
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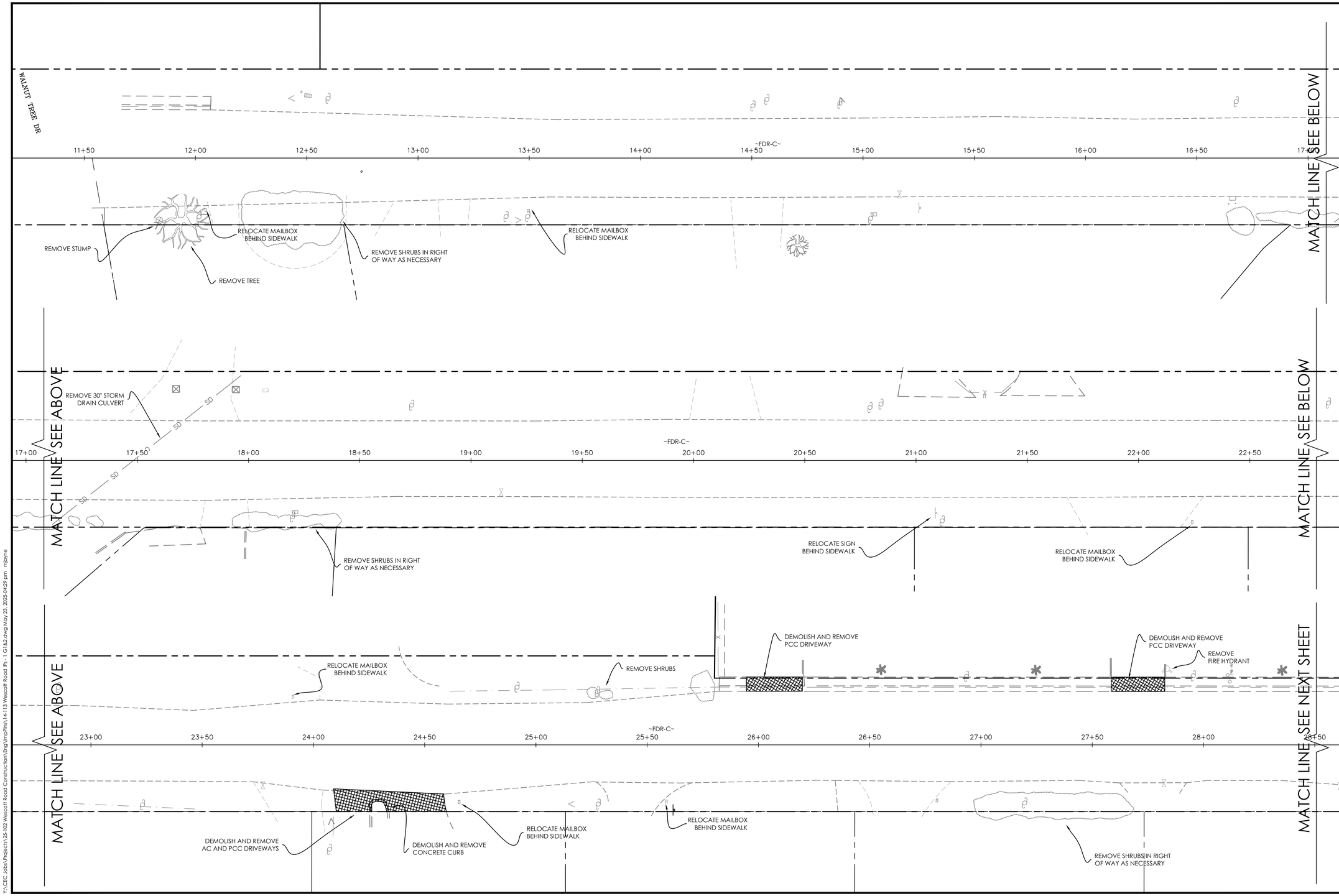
GENERAL NOTES

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET G2 OF 32



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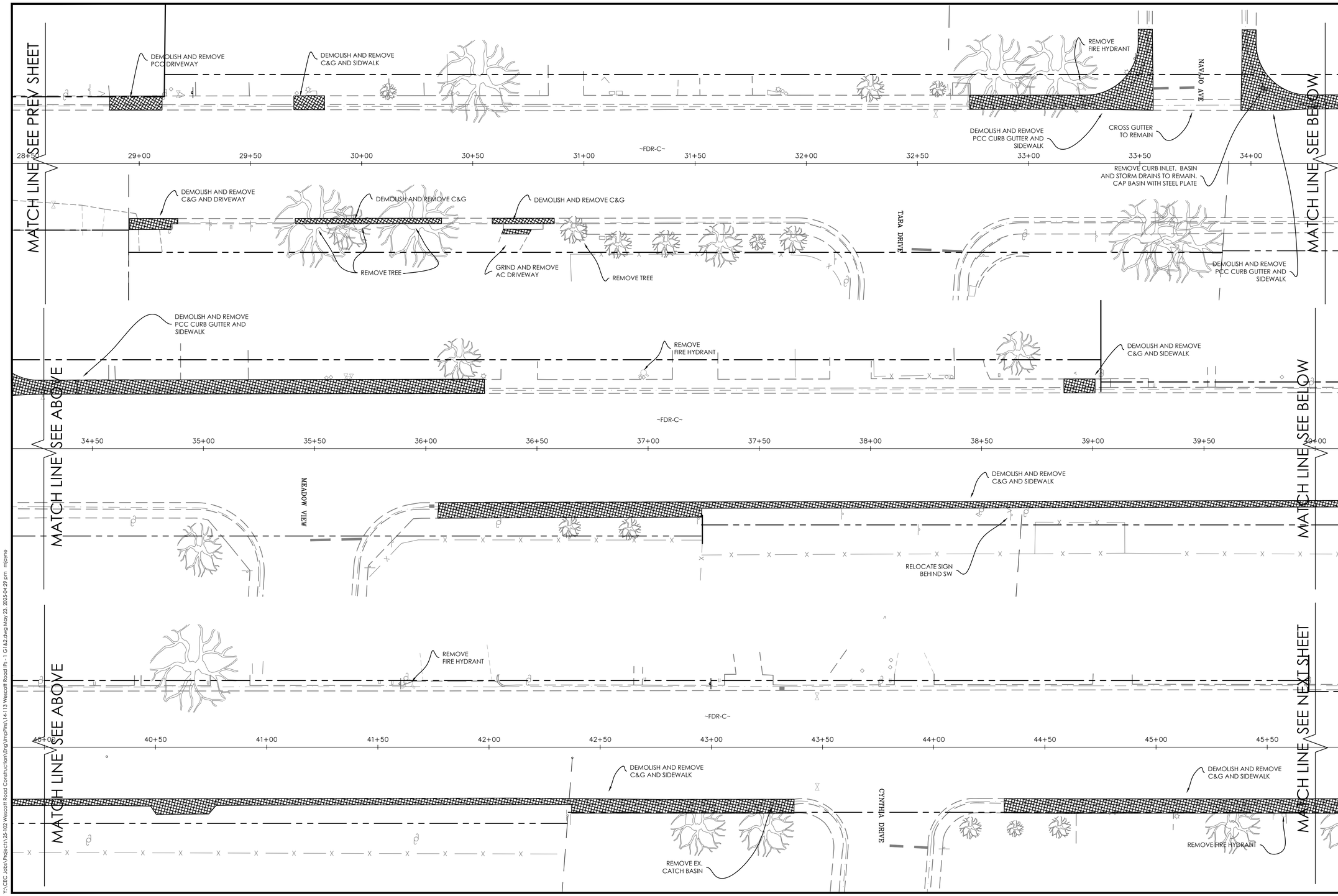
CITY OF COLUSA

DEMOLITION PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET C1 OF 32



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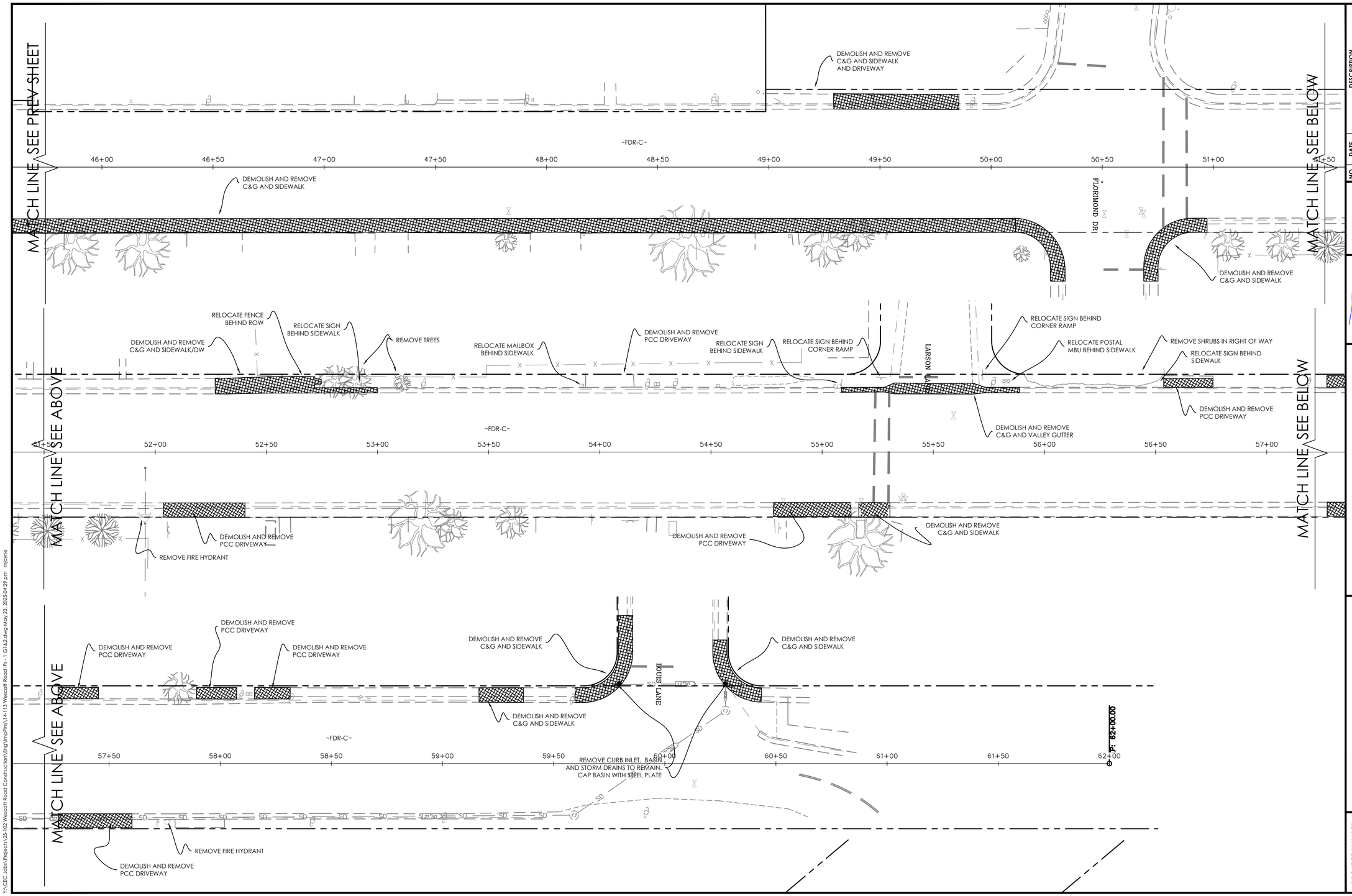
DEMOLITION PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET C2 OF 32



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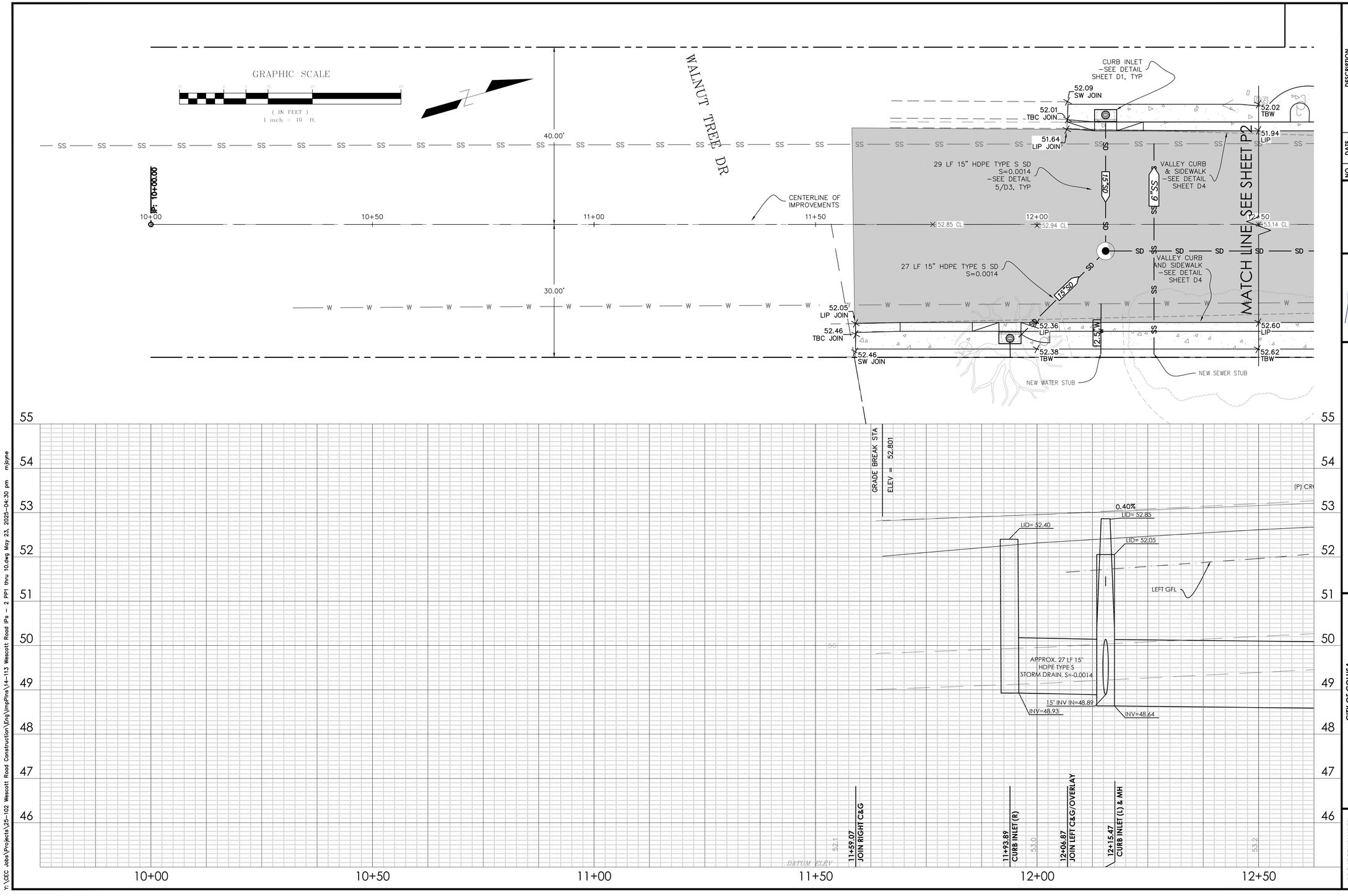
DEMOLITION PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET C3 OF 32



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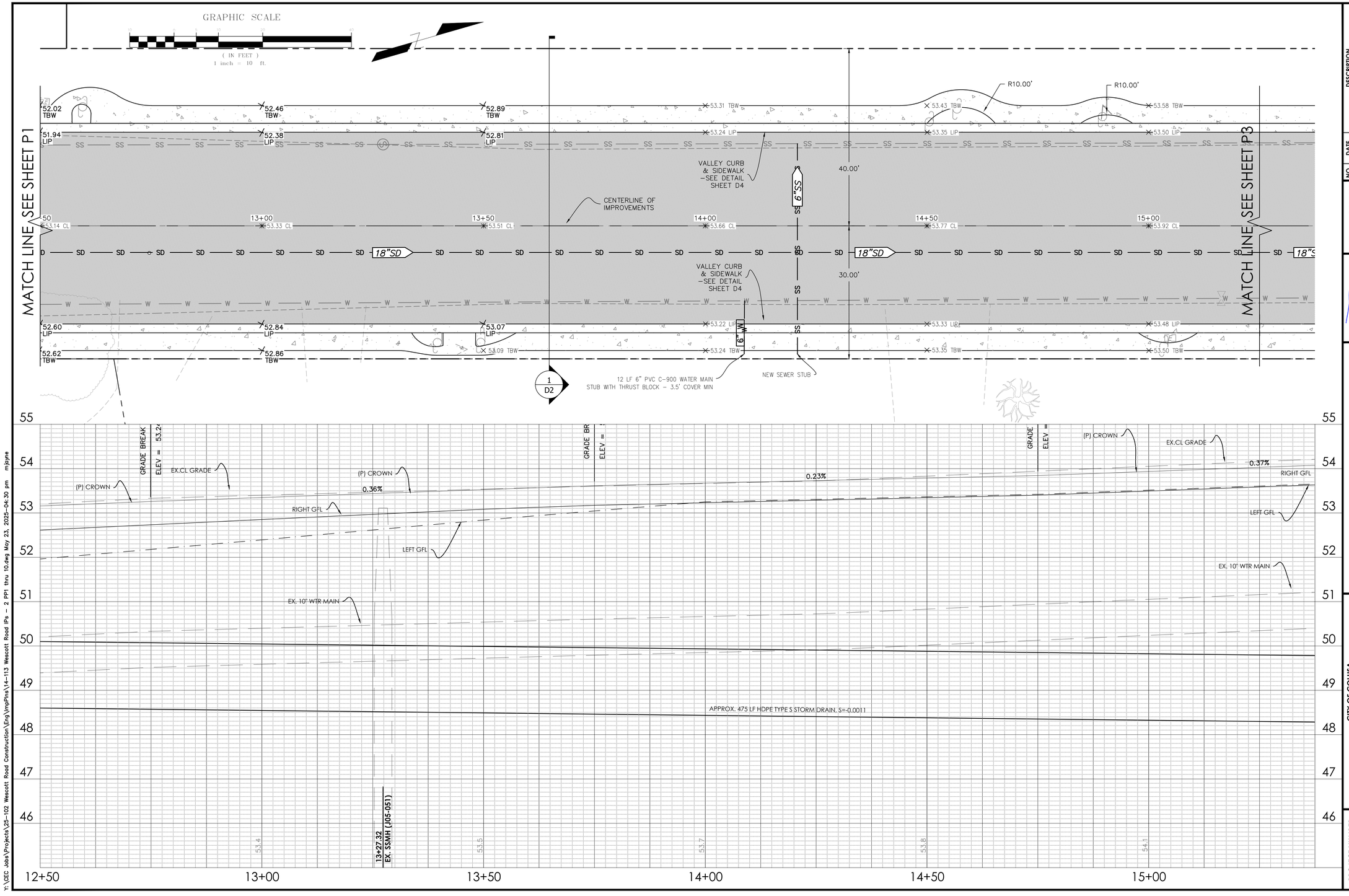
PLAN AND PROFILE

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET P1 OF 32



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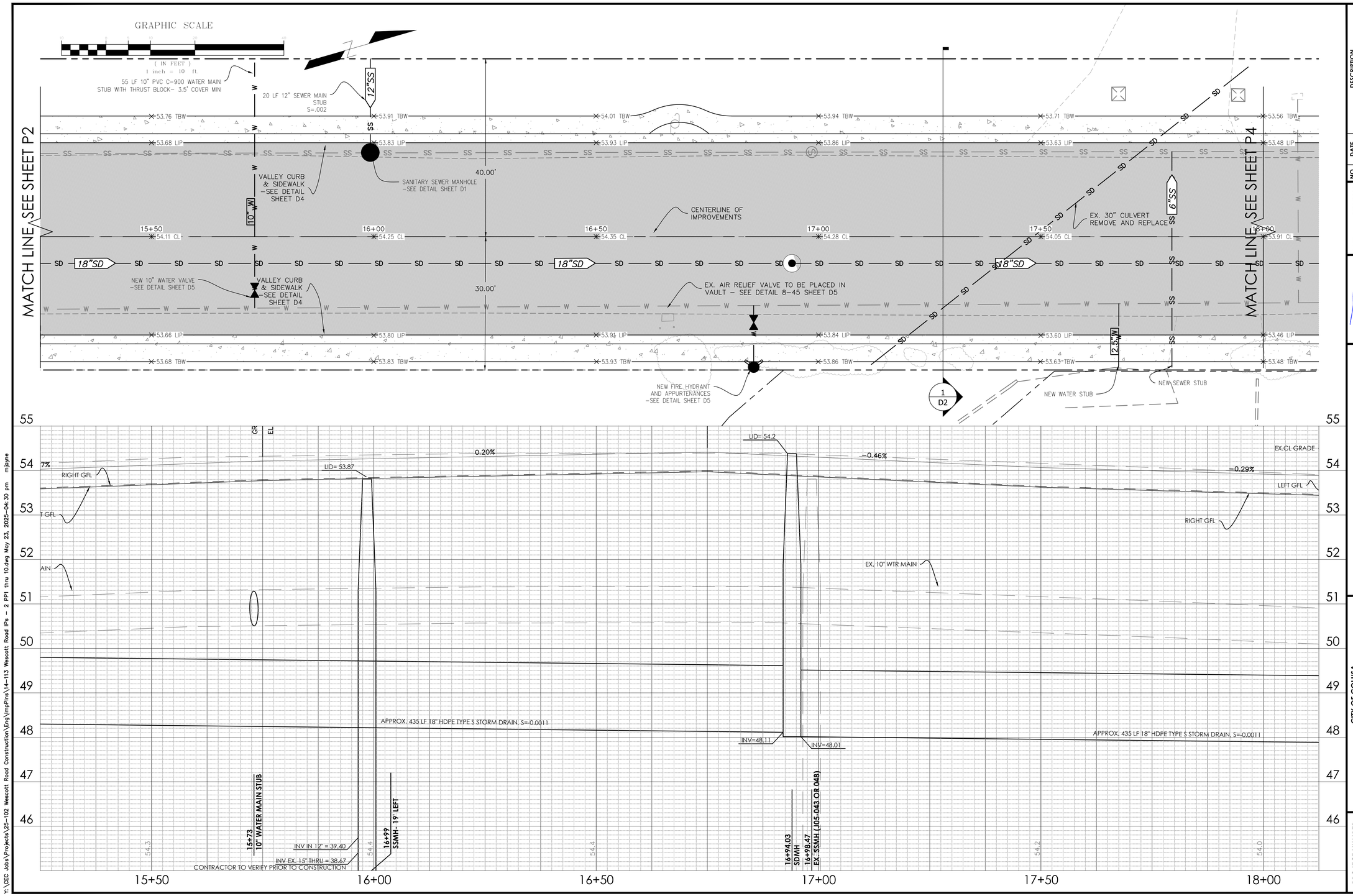
SHEET P2 OF 32



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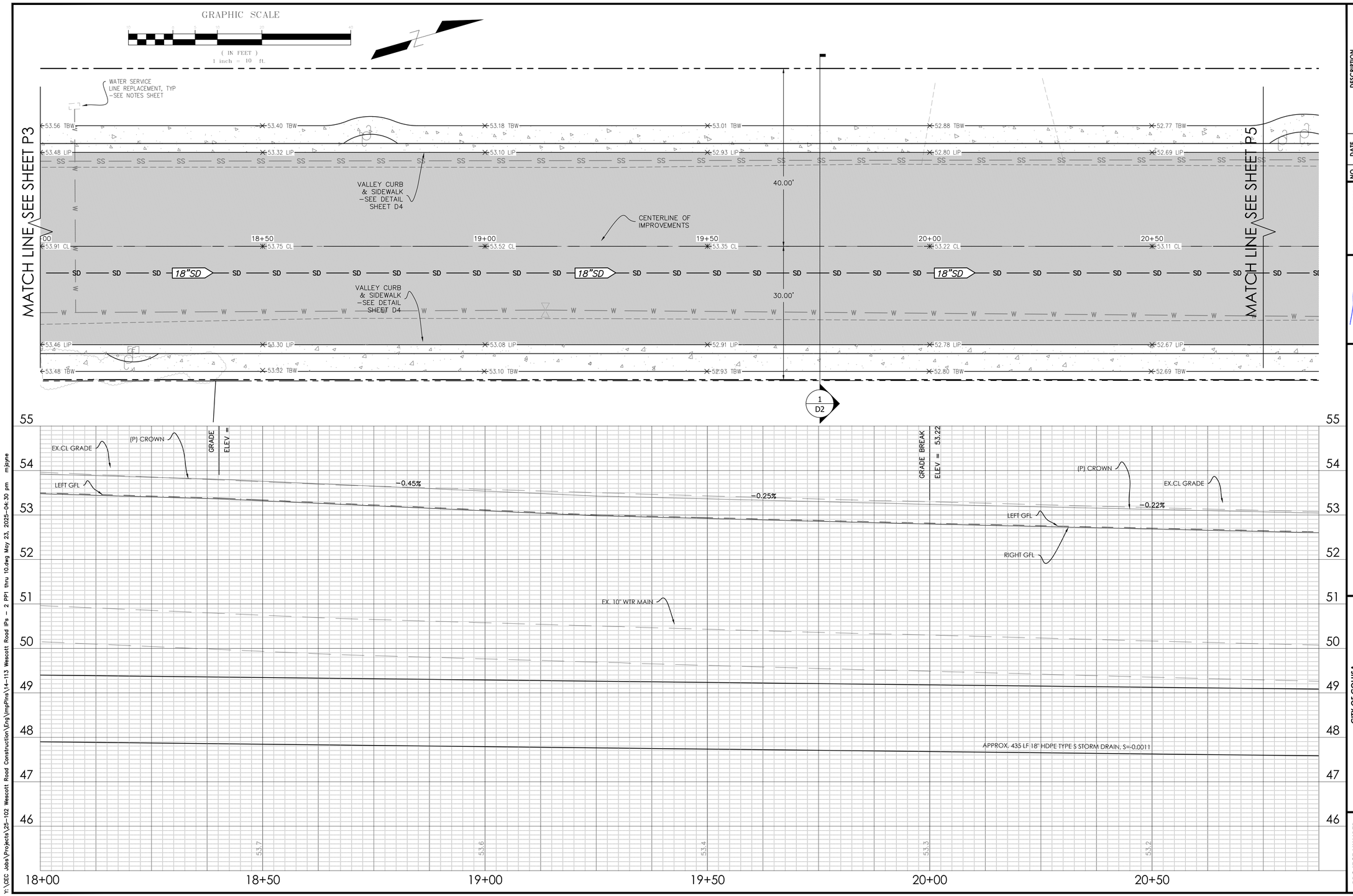
SHEET P3 OF 32



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PLAN AND PROFILE

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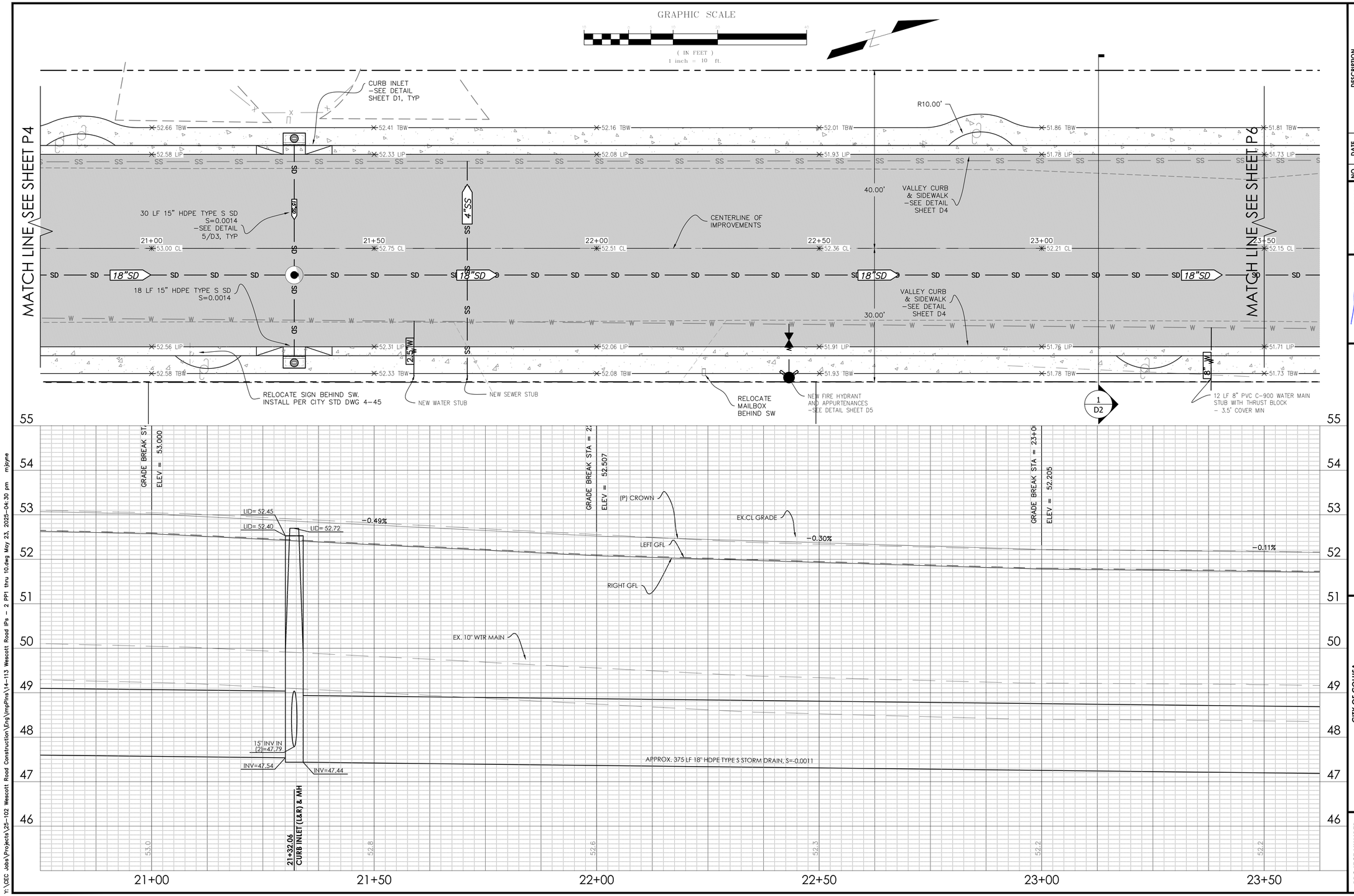
SHEET P4 OF 32



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PLAN AND PROFILE

WESCOTT ROAD IMPROVEMENT PLANS

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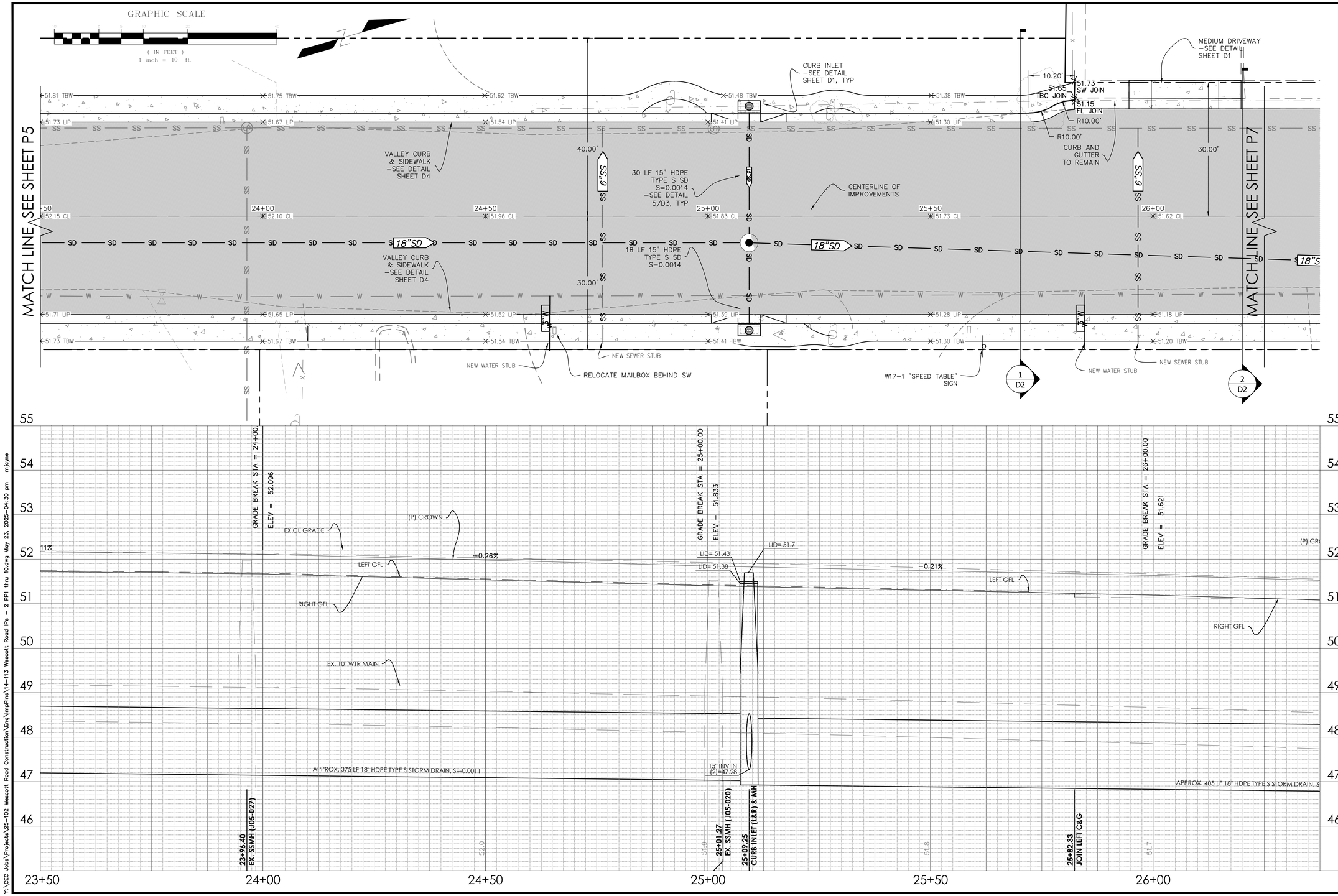
SHEET P5 OF 32



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PLAN AND PROFILE

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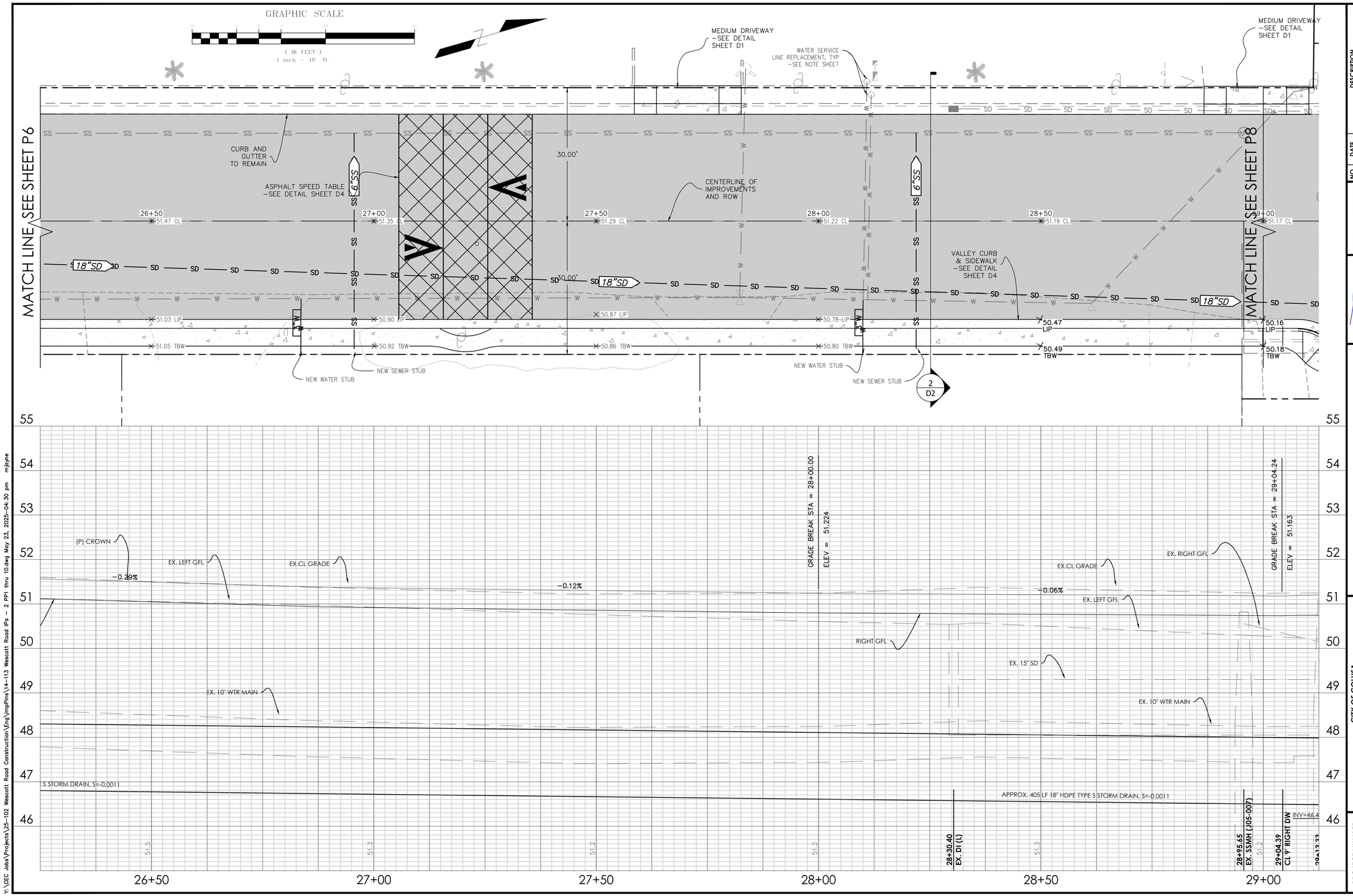
SHEET P6 OF 32



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PLAN AND PROFILE

WESCOTT ROAD IMPROVEMENT PLANS

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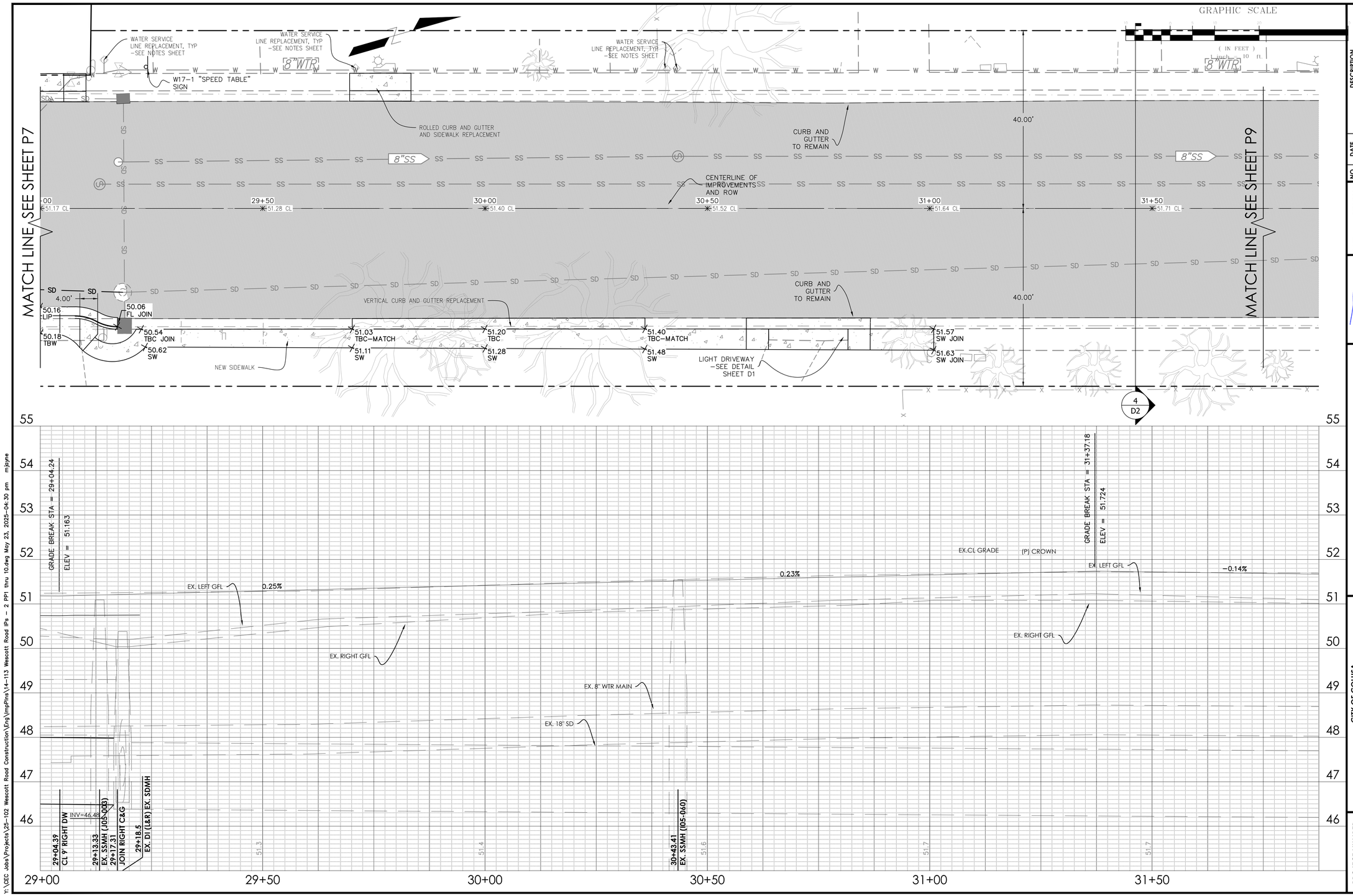
SHEET P7 OF 32



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PLAN AND PROFILE

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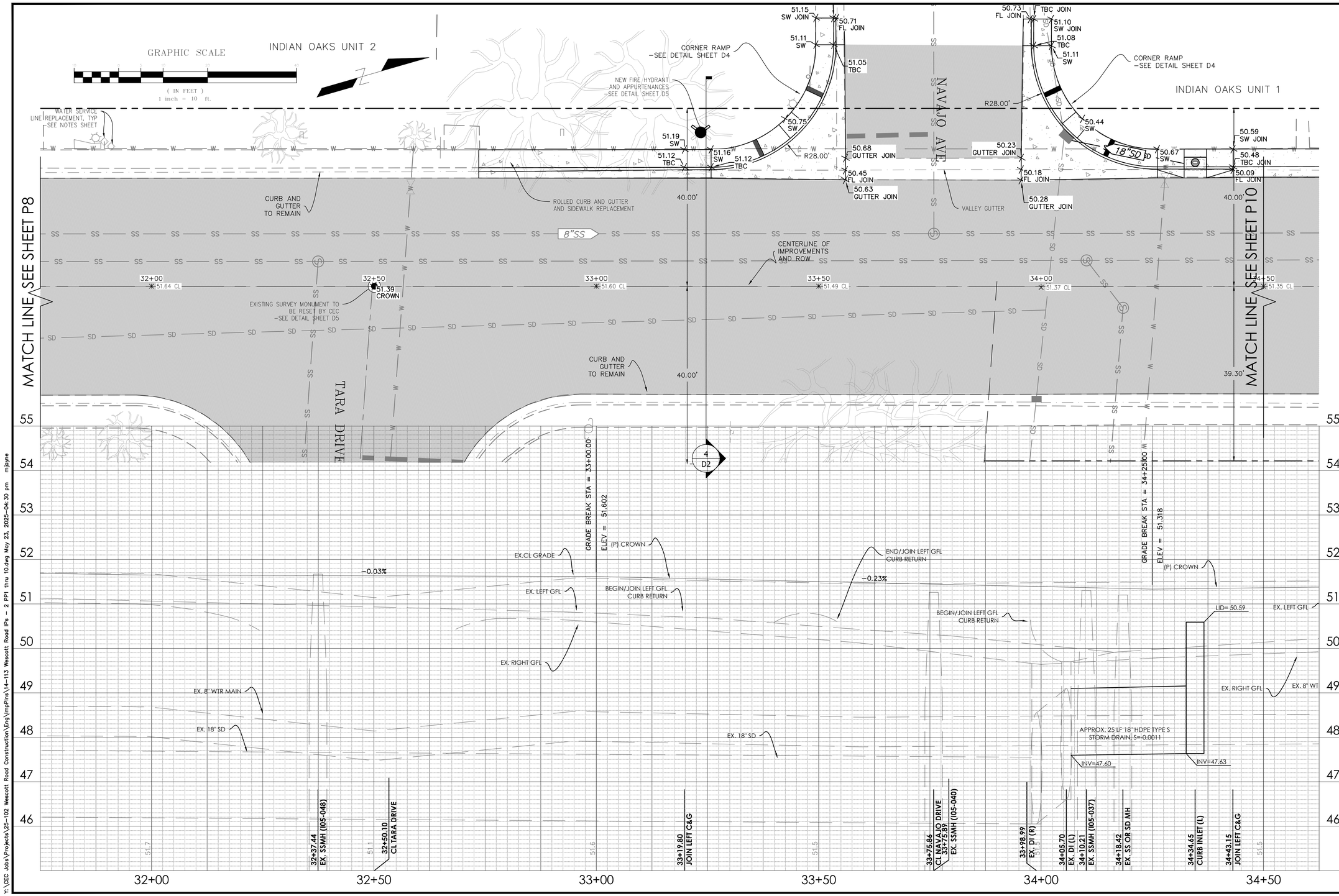
SHEET P8 OF 32



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PLAN AND PROFILE

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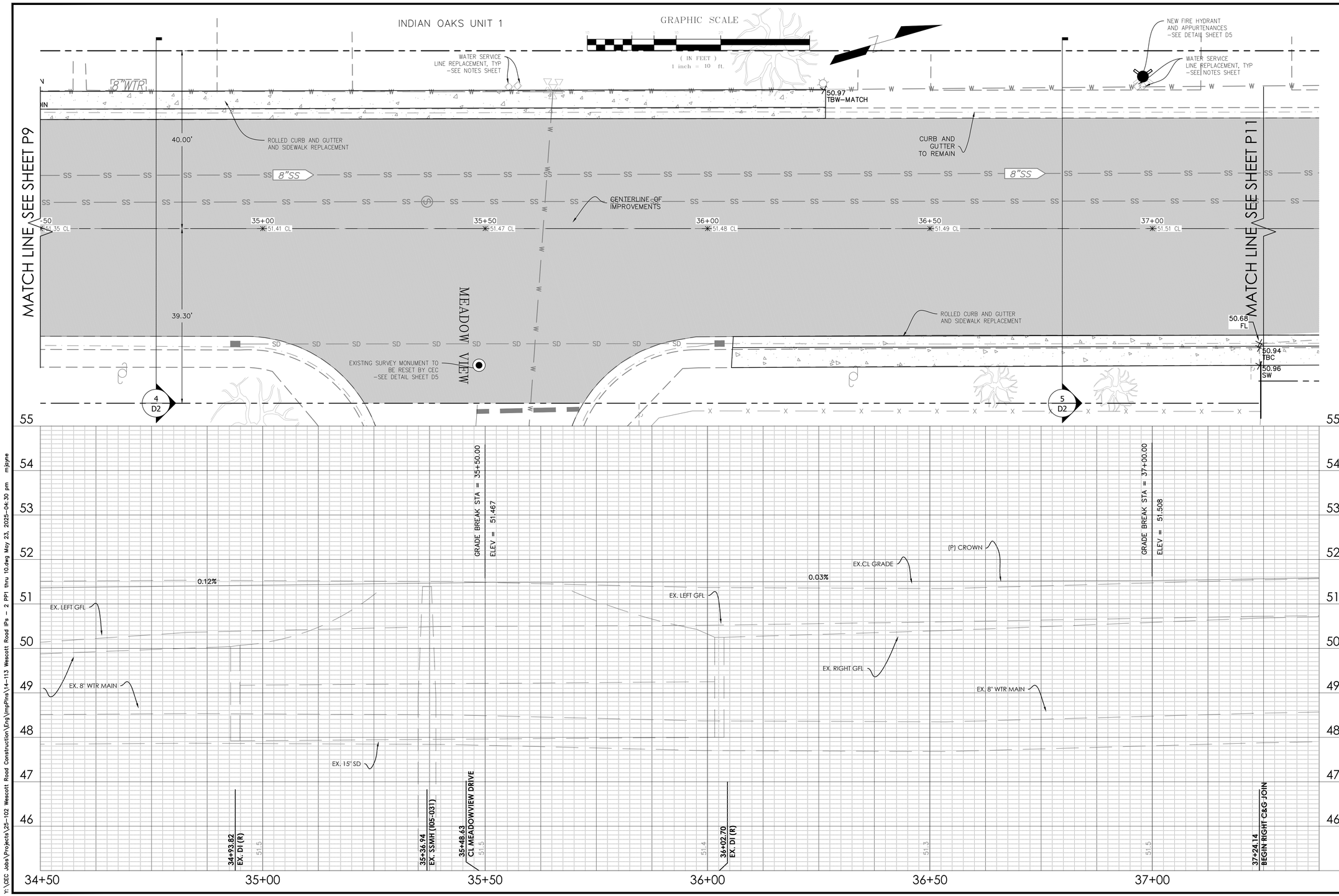
SHEET P9 OF 32



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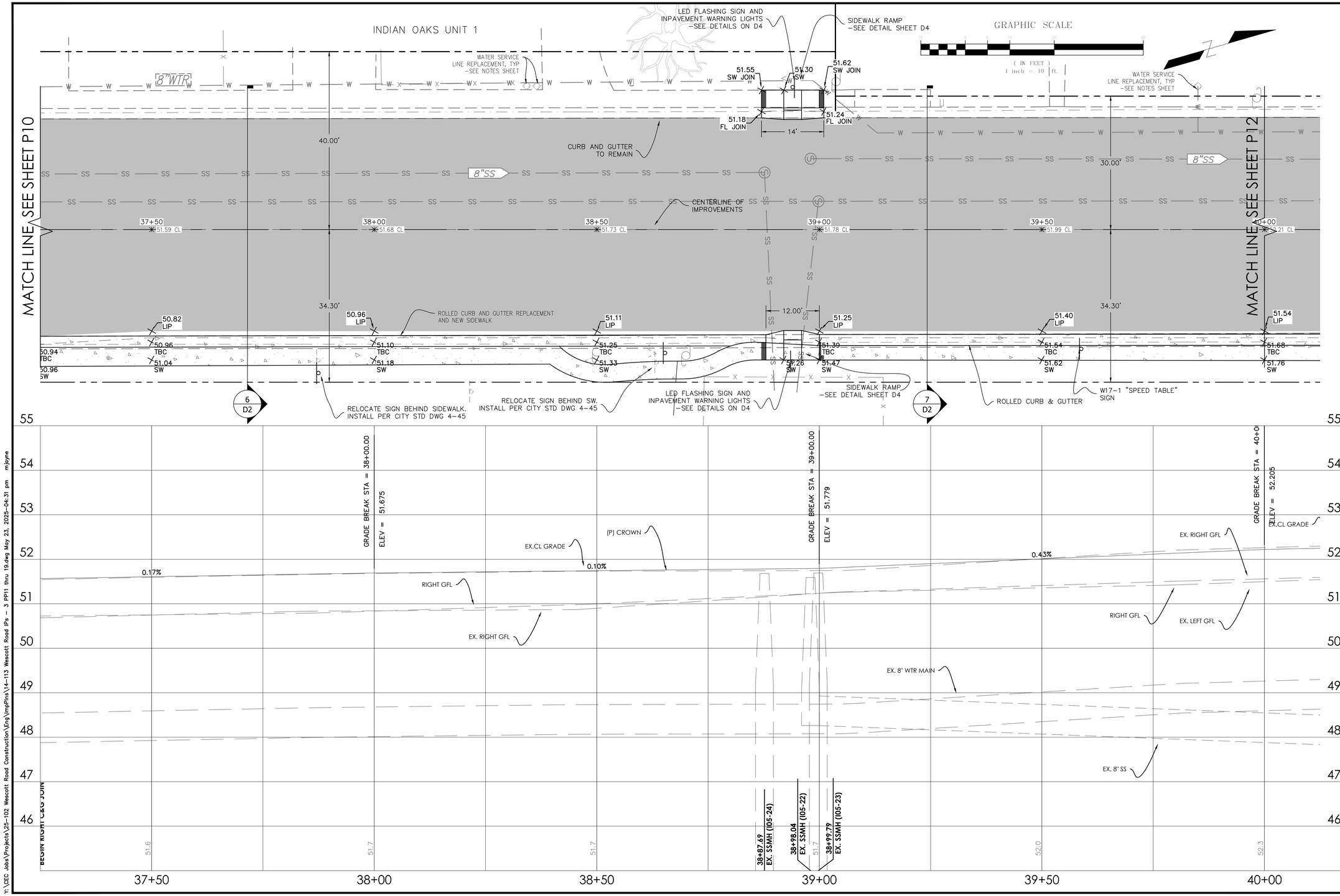
SHEET P10 OF 32



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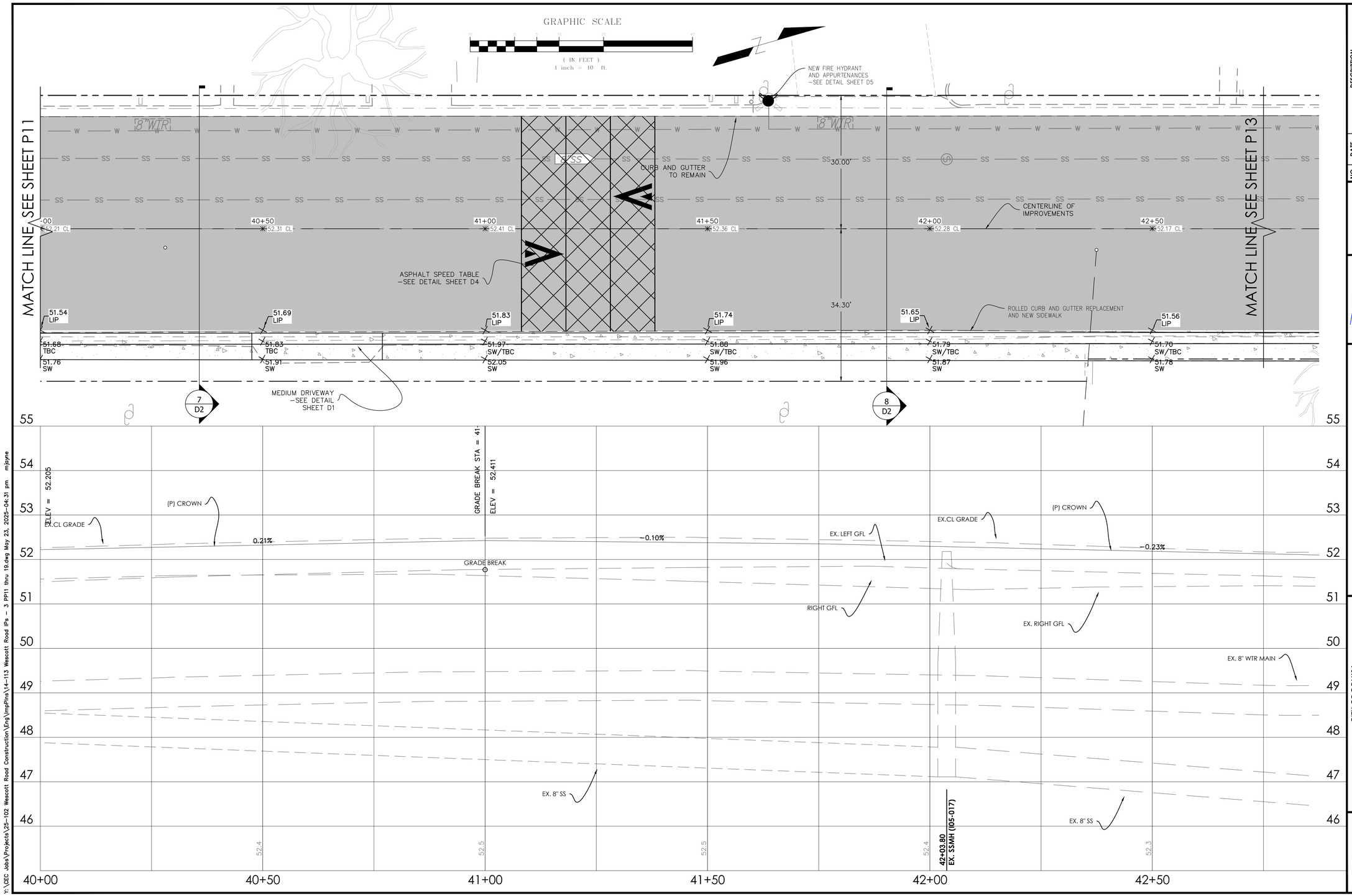

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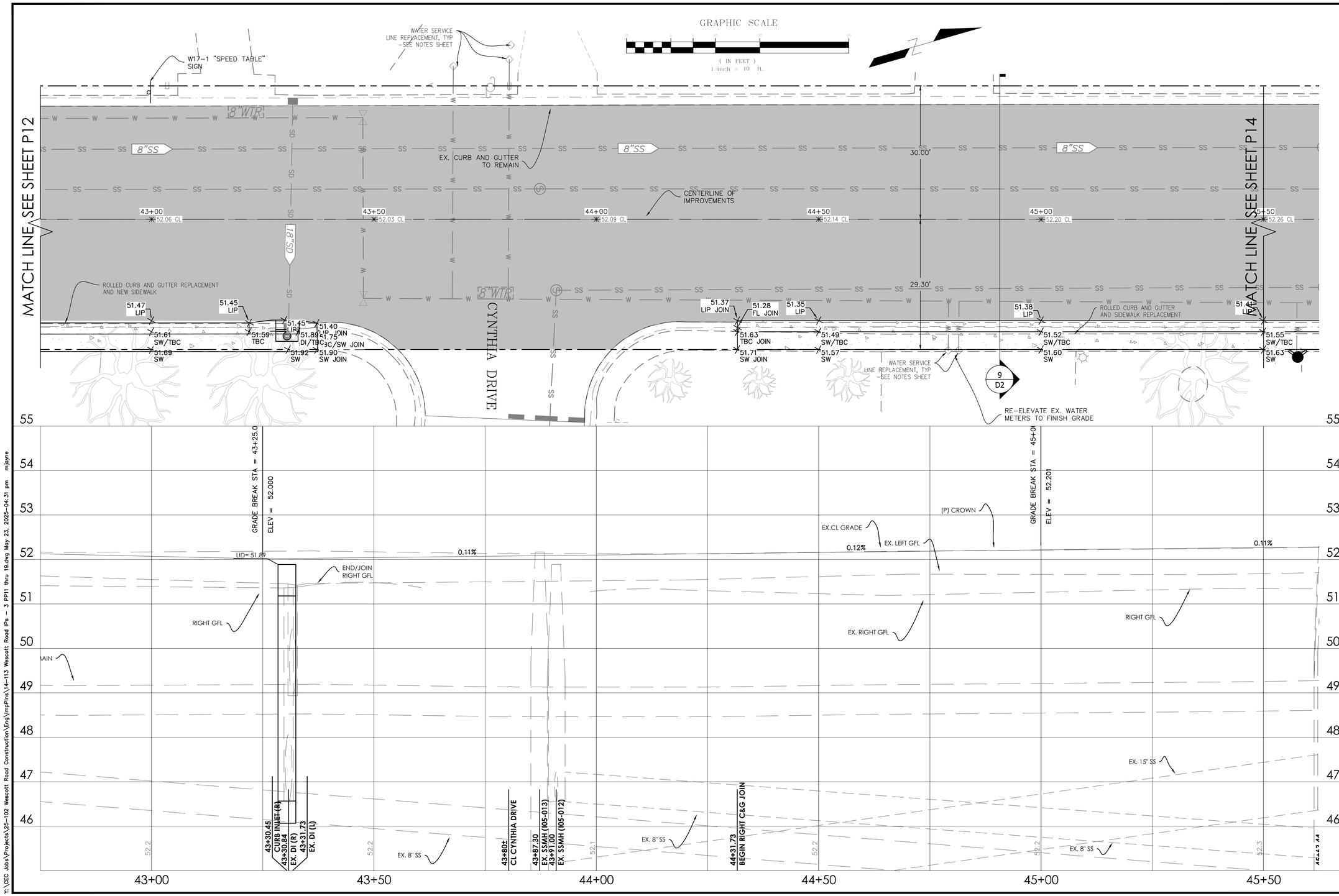
SHEET P12 OF 32



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PLAN AND PROFILE

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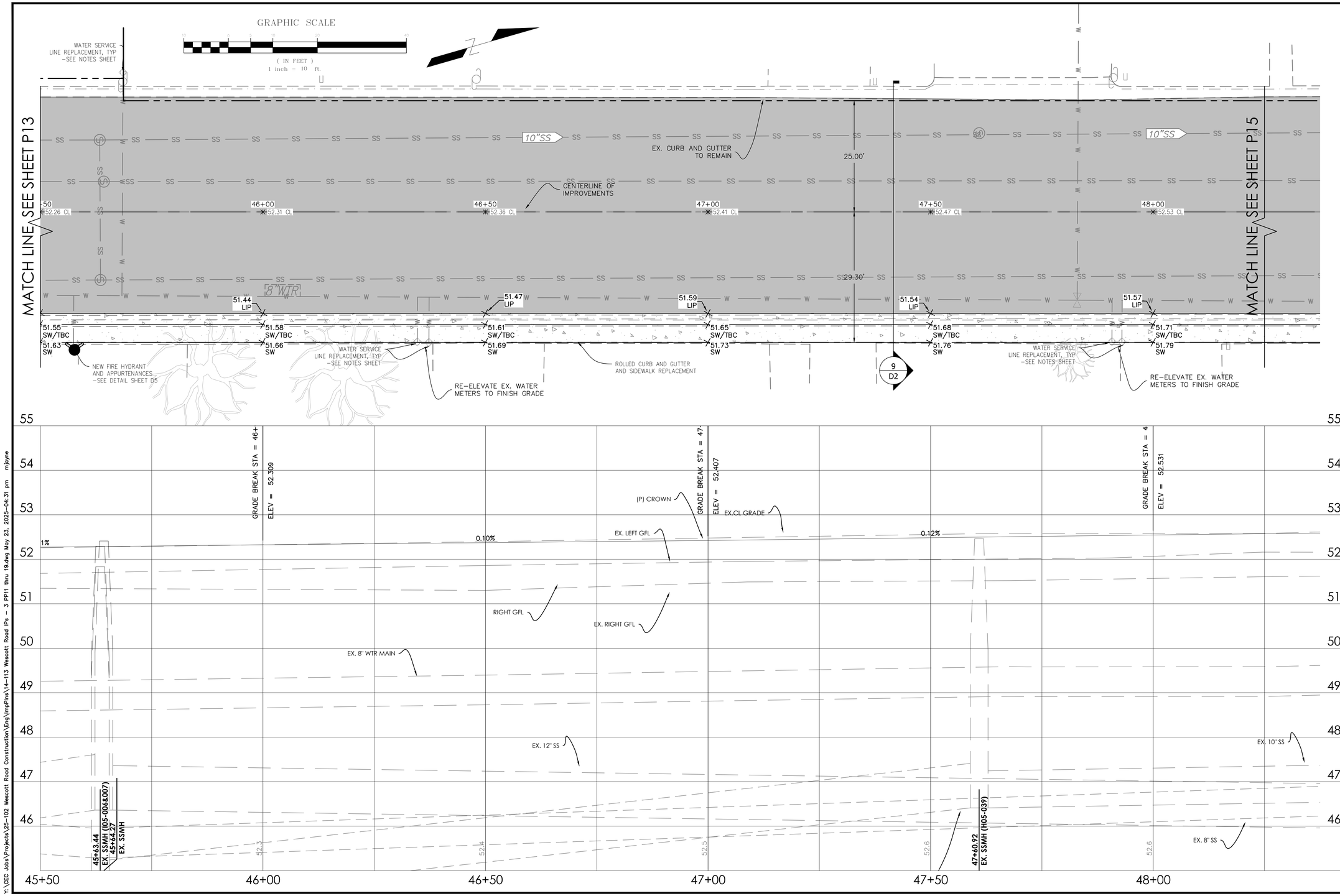

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PLAN AND PROFILE

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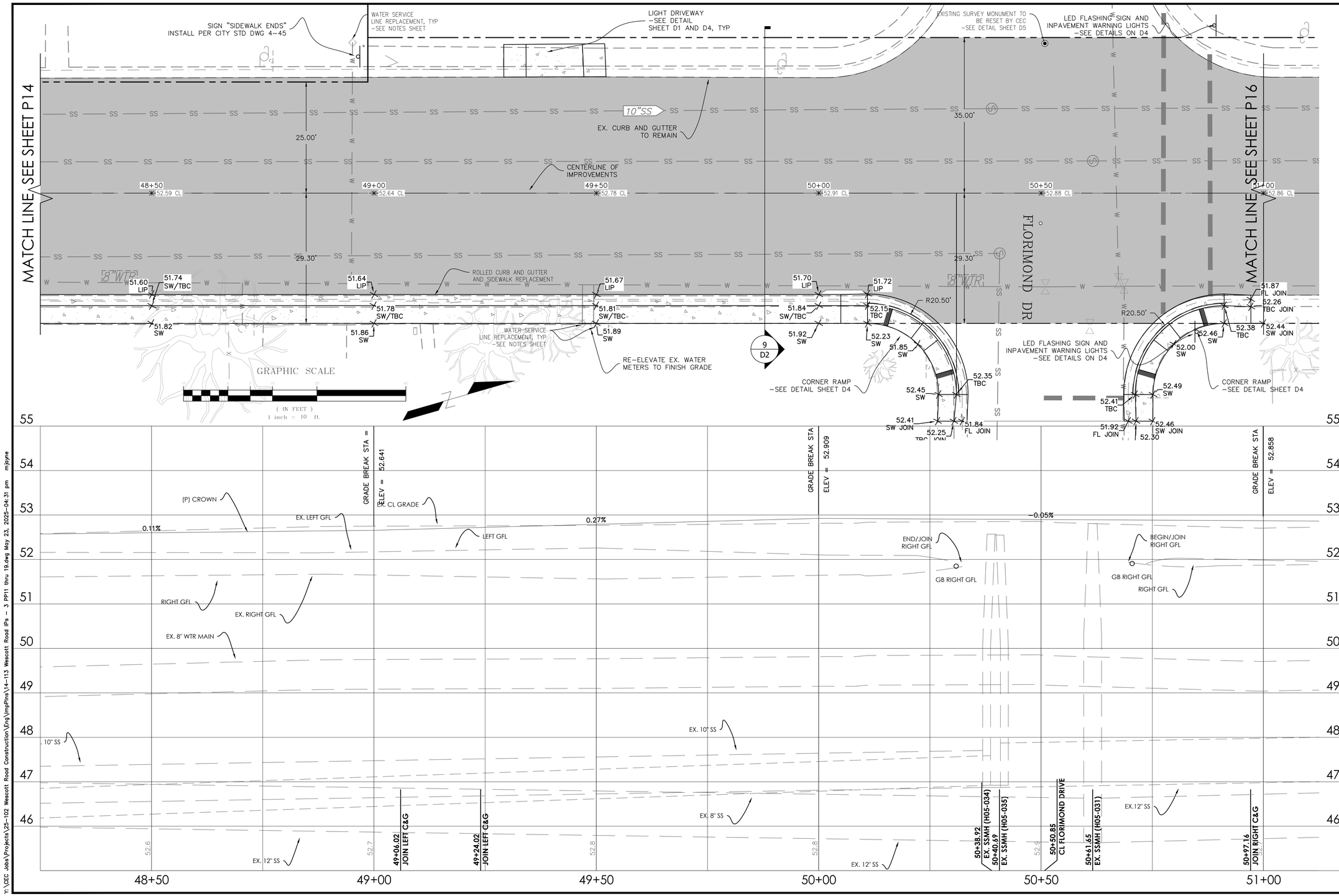
SHEET P14 OF 32



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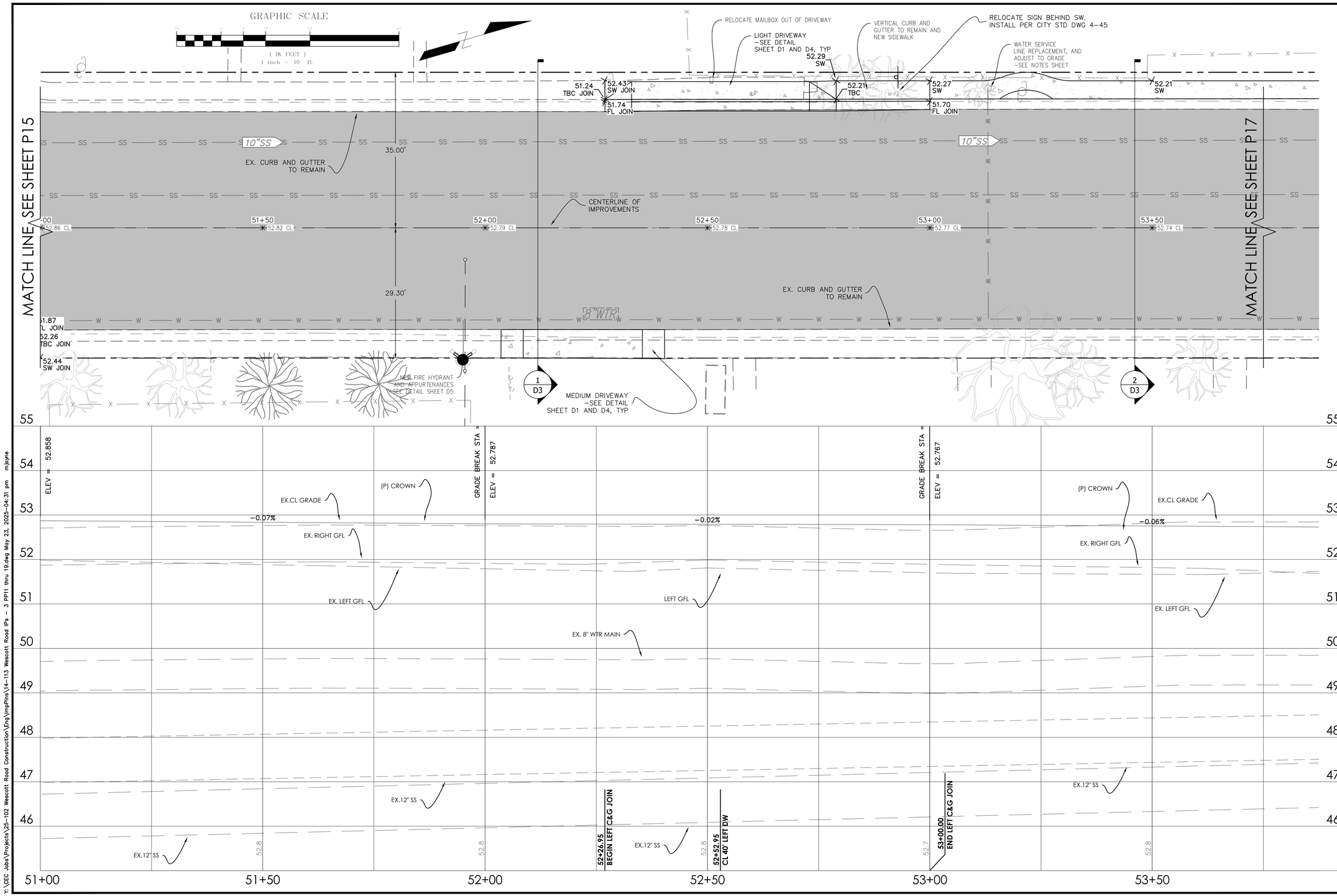
SHEET P15 OF 32



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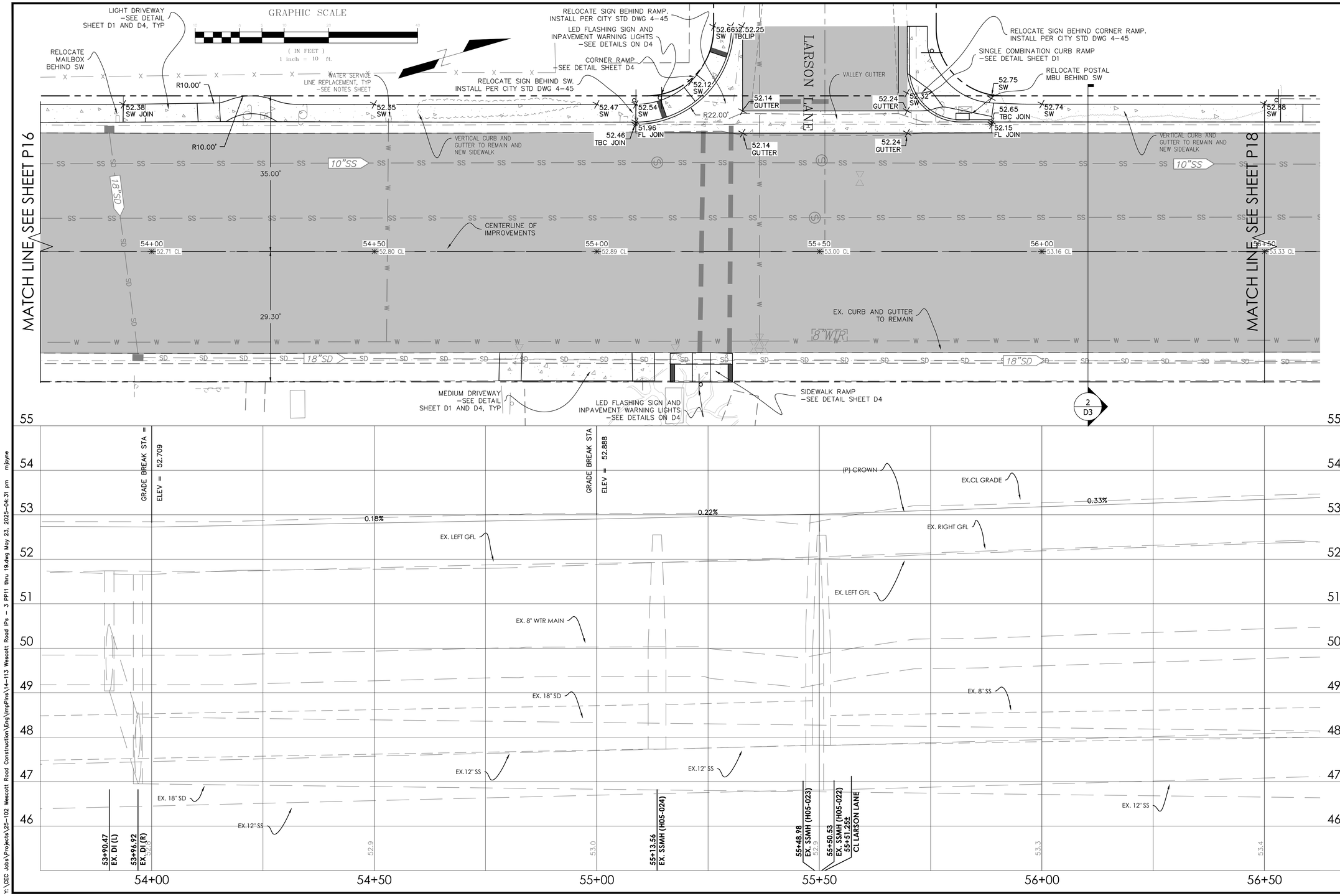

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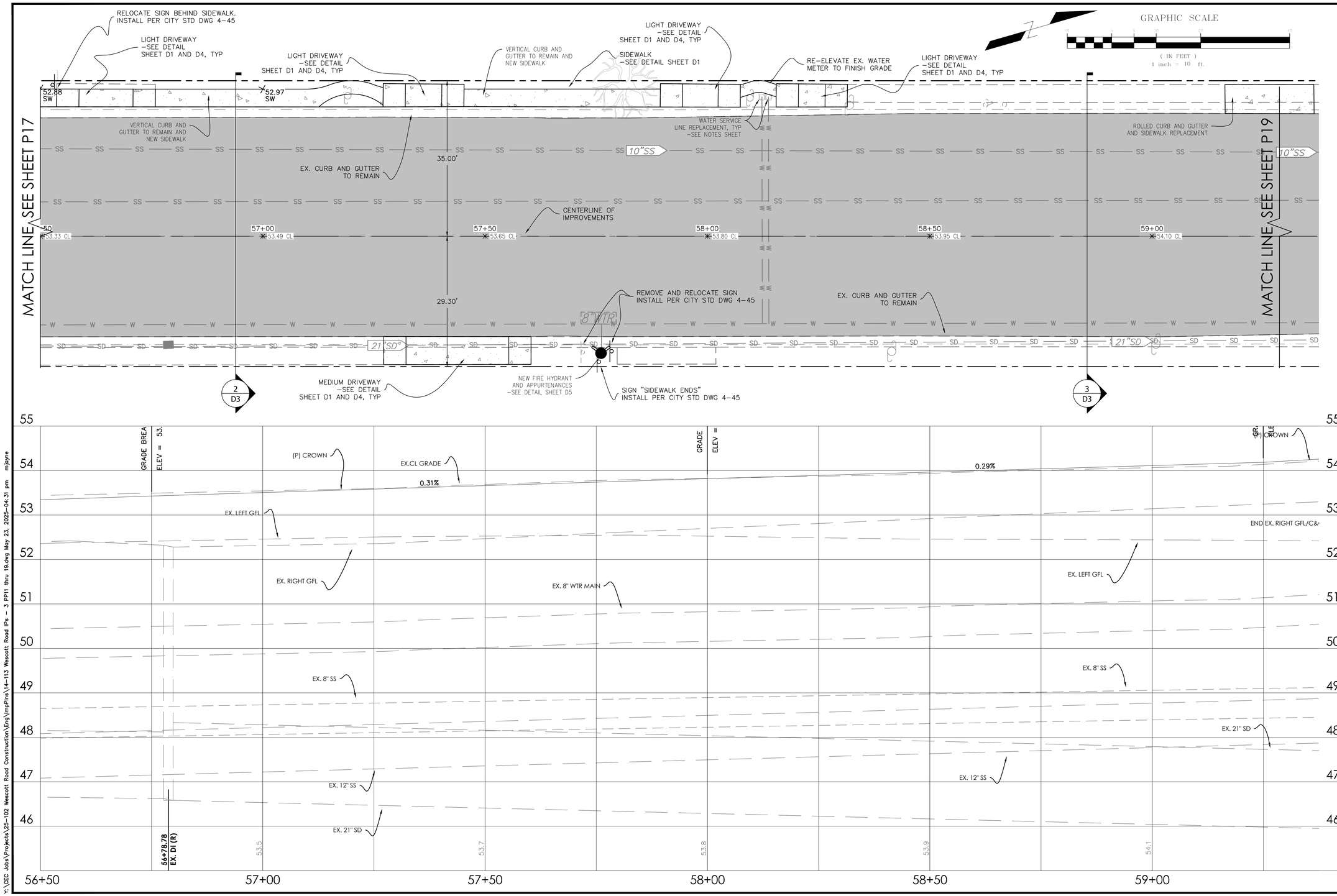

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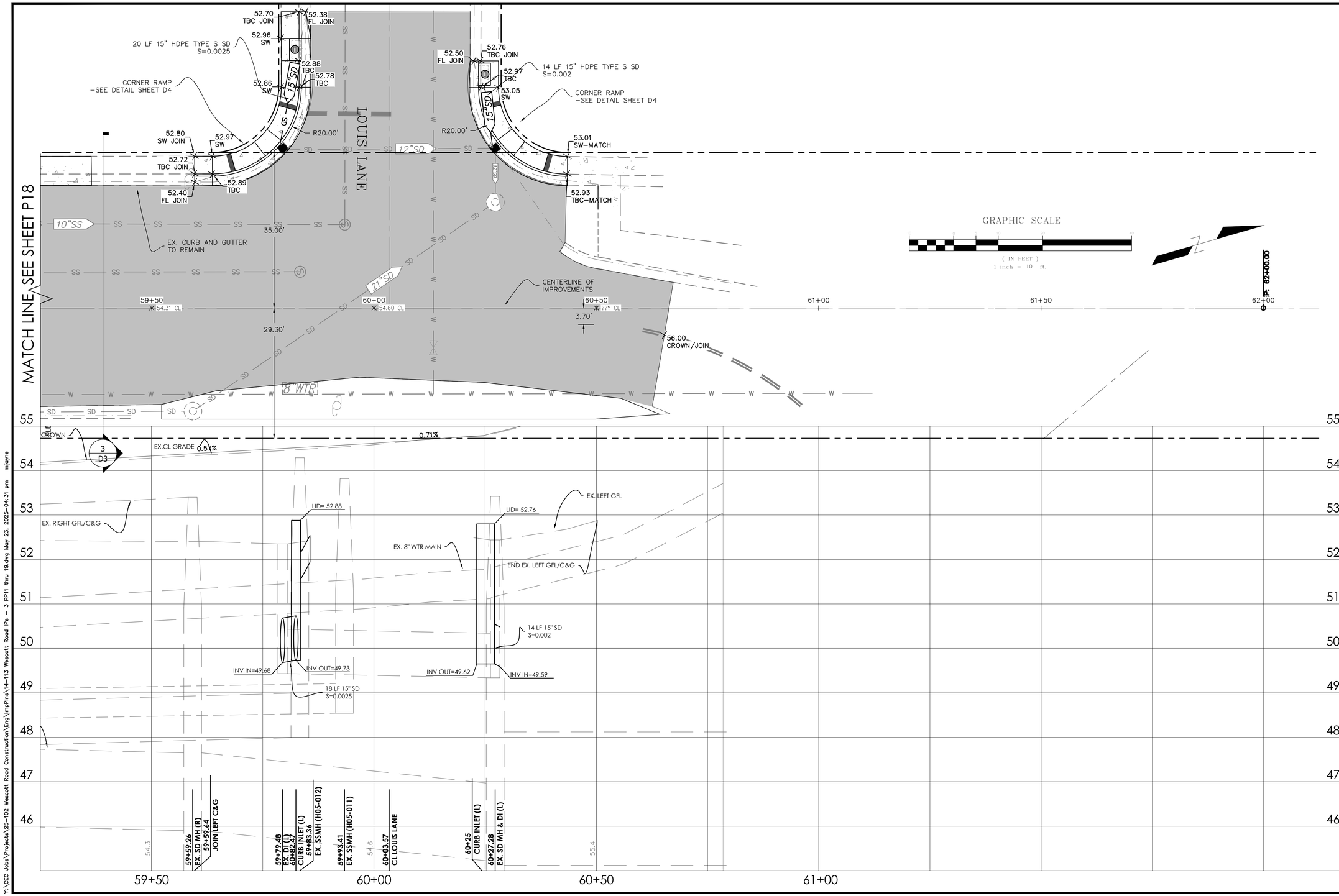
WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102



NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE: 1"=10'H:1"=1'V
DRAWN BY: DDI
DESIGNED BY: MRH
CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER
MARISA ROSE HERRERA
C 91572
CIVIL
STATE OF CALIFORNIA

CALIFORNIA ENGINEERING COMPANY INC
ESTD 1986
CIVIL ENGINEERING
LAND SURVEYING
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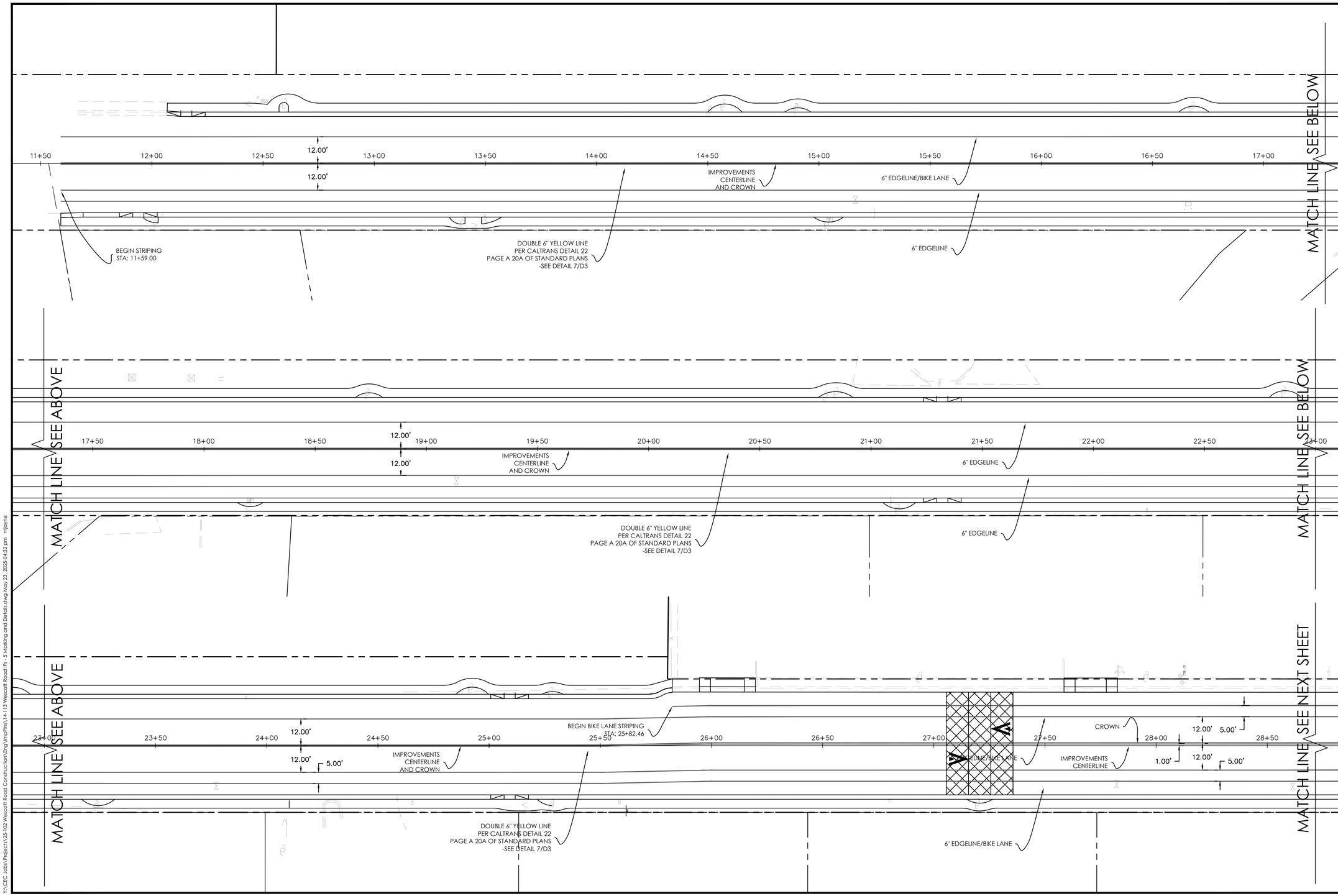
CITY OF COLUSA

PLAN AND PROFILE

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET P19 OF 32



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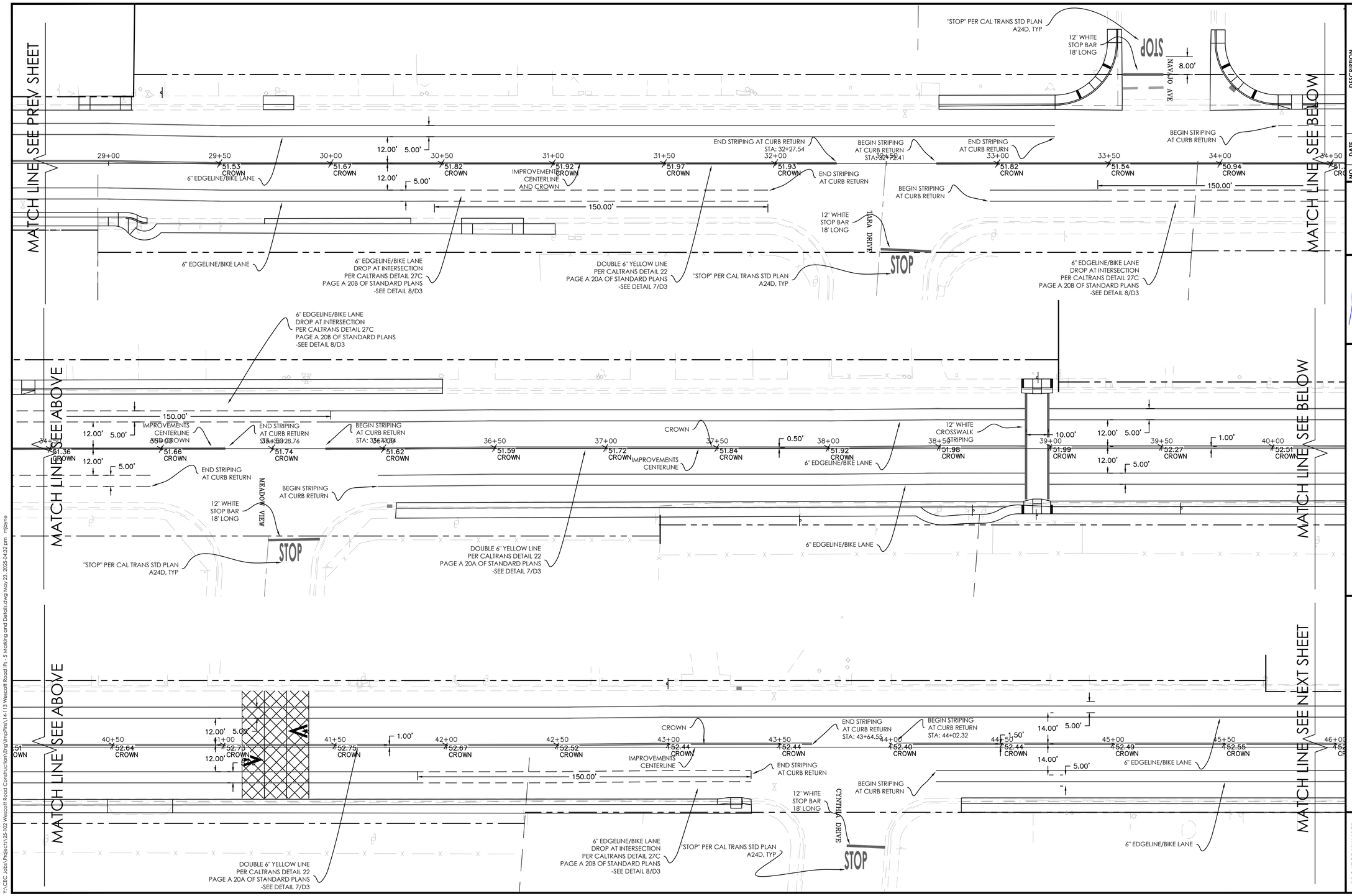
CITY OF COLUSA

PAVEMENT MARKING PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER
25-102

SHEET M1 OF 32



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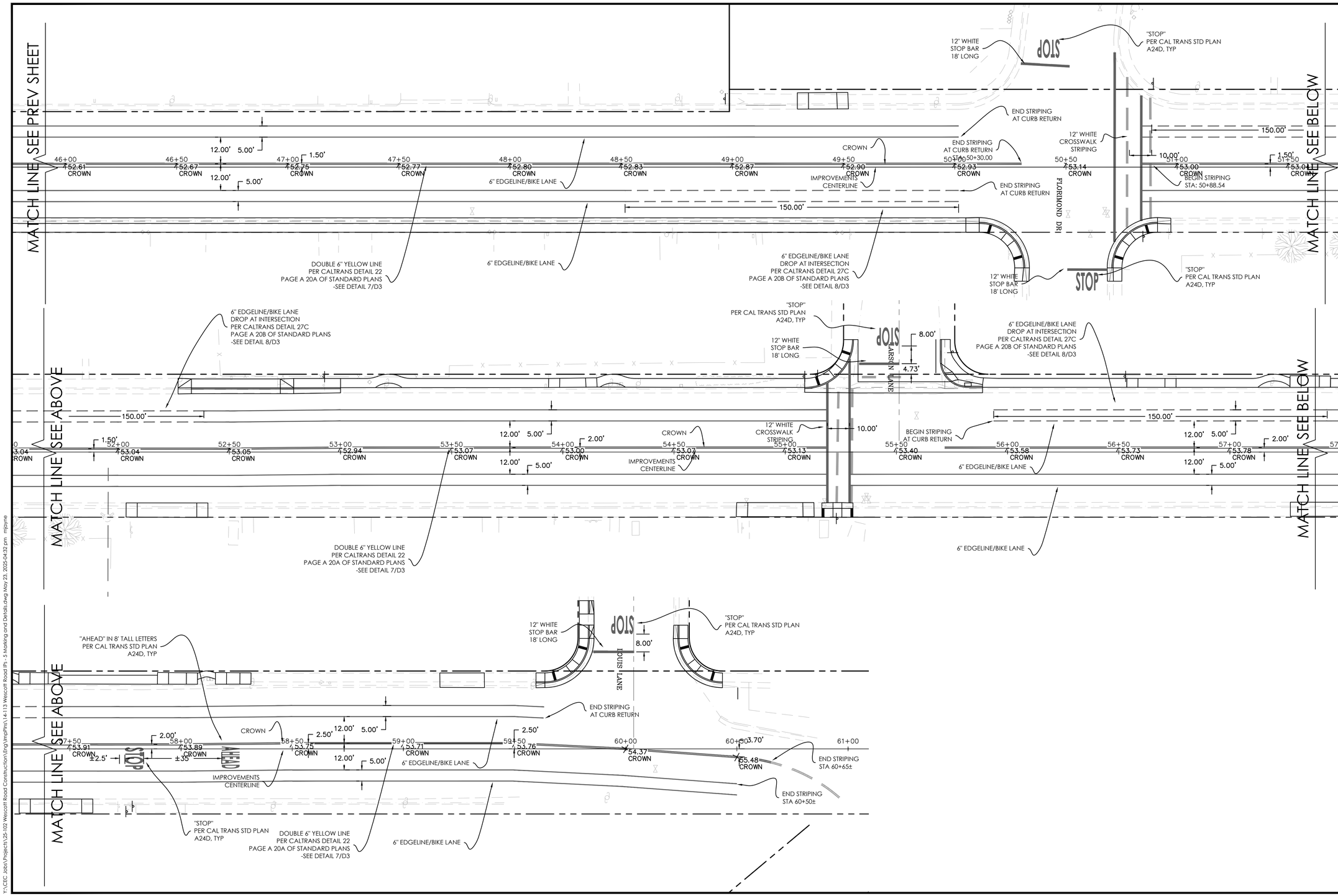
PAVEMENT MARKING PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET M2 OF 32



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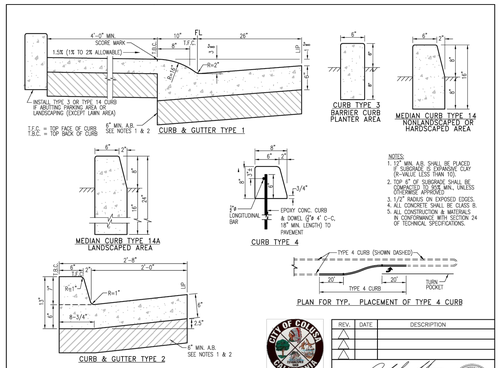
PAVEMENT MARKING PLAN

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

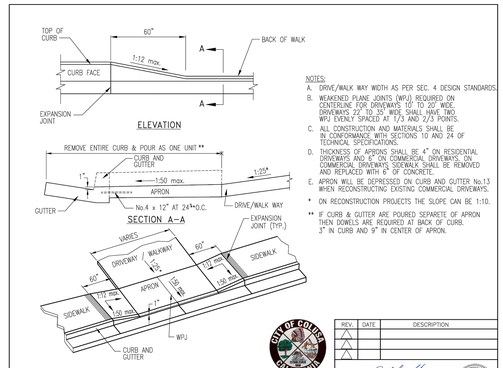
SHEET M3 OF 32



CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

STANDARD CURB AND GUTTER DETAILS

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 4 – 1

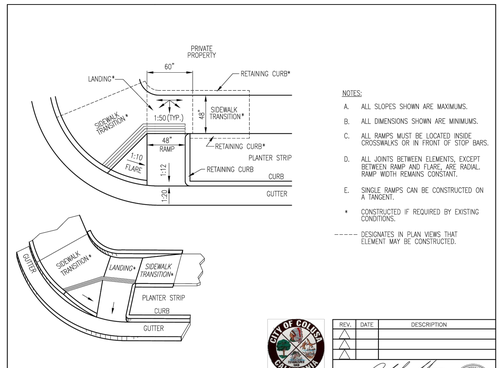


NOTES:
A. DRIVE/WALK WAY WIDTH AS PER SEC. 4 DESIGN STANDARDS.
B. WEAKENED PLANE JOINTS (WPJ) REQUIRED ON CENTERLINE FOR DRIVEWAYS 10' TO 20' WIDE. DRIVEWAYS 22' TO 35' WIDE SHALL HAVE TWO WPJ EVENLY SPACED AT 1/3 AND 2/3 POINTS.
C. ALL CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH SECTIONS 10 AND 24 OF TECHNICAL SPECIFICATIONS.
D. THICKNESS OF APRONS SHALL BE 4" ON RESIDENTIAL DRIVEWAYS AND 6" ON COMMERCIAL DRIVEWAYS. ON COMMERCIAL DRIVEWAYS SIDEWALK SHALL BE REMOVED AND REPLACED WITH 6" OF CONCRETE.
E. APRON WILL BE DEPRESSED ON CURB AND GUTTER No.13 WHEN RECONSTRUCTING EXISTING COMMERCIAL DRIVEWAYS.
* ON RECONSTRUCTION PROJECTS THE SLOPE CAN BE 1:10.
** IF CURB & GUTTER ARE POURED SEPARATE OF APRON THEN DOWELS ARE REQUIRED AT BACK OF CURB. .5" IN CURB AND 9" IN CENTER OF APRON.

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

SIDEWALK DRIVE/PATH WAY DETAIL

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: NOVEMBER 2022 DWG. NO. 4 – 4



NOTES:
A. ALL SLOPES SHOWN ARE MAXIMUMS.
B. ALL DIMENSIONS SHOWN ARE MINIMUMS.
C. ALL RAMPS MUST BE LOCATED INSIDE CROSSWALKS OR IN FRONT OF STOP BARS.
D. ALL JOINTS BETWEEN ELEMENTS, EXCEPT BETWEEN RAMP AND FLARE, ARE RADIAL. RAMP WIDTH REMAINS CONSTANT.
E. SINGLE RAMPS CAN BE CONSTRUCTED ON A TANGENT.
* CONSTRUCTED IF REQUIRED BY EXISTING CONDITIONS.
- - - - - DESIGNATES IN PLAN VIEWS THAT ELEMENT MAY BE CONSTRUCTED.

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

SINGLE COMBINATION CURB RAMP

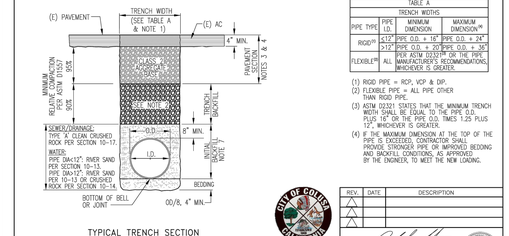
APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 4 – 15

NOTES:
1. EXCAVATION, BACKFILL AND RE-PAVING OF TRENCHES SHALL CONFORM TO THE TECHNICAL SPECIFICATIONS UNLESS OTHERWISE INDICATED BY THE PLANS, PERMIT, SPECIAL PROVISIONS, OR THE ENGINEER.
2. TRENCH BACKFILL SHALL CONSIST OF CLASS 2 AGGREGATE BASE (AB) OR JOB EXCAVATED, NATIVE SOIL. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR STOCKPILING, DRYING, WETTING OR PROCESSING THE NATIVE SOIL OR AB TO MEET THE MINIMUM STABILITY AND RELATIVE COMPACTION CRITERIA.
3. UNLESS OTHERWISE INDICATED IN THE SPECIAL PROVISIONS, THE NEW PERMANENT PAVEMENT SHALL CONFORM TO THE TYPE AND THICKNESS OF THE PAVEMENT REMOVED. IN NO CASE SHALL THE NEW PAVEMENT SECTION BE LESS THAN FOUR INCHES (4") OF AC ON TWELVE INCHES (12") OF CLASS 2 AGGREGATE BASE (AB).
4. EXISTING AC > 4" THICK: GRIND EXISTING AC 2" DEEP AND 6" WIDER THAN TRENCH ON BOTH SIDES. PLACE NEW AC.
5. EXISTING AC ≤ 4" THICK: SAW CUT AND PLACE NEW AC 6" WIDER THAN TRENCH AS SHOWN ON BOTH SIDES.
6. NON-PAVEMENT AREAS: IN NON-PAVEMENT AREAS, THE PAVEMENT SECTION SHALL BE REPLACED WITH JOB EXCAVATED NATIVE SOIL OR OTHER APPROVED BACKFILL COMPACTED TO AT LEAST 90% RELATIVE COMPACTION PER ASTM D1557.
7. SHOVEL SLICE, TAMP, AND/OR VIBRATE MATERIAL UNDER AND AROUND THE PIPE TO A FIRM NON-YIELDING CONDITION TO SATISFACTION OF THE ENGINEER.

TABLE A
TRENCH WIDTHS

PIPE TYPE	PIPE I.D.	TRENCH WIDTHS MINIMUM DIMENSION	TRENCH WIDTHS MAXIMUM DIMENSION(4)
RGD(1)	≤12"	PIPE O.D. + 16"	PIPE O.D. + 24"
	>12"	PIPE O.D. + 20"	PIPE O.D. + 30"
FLEXIBLE(2)	ALL	PER ASTM D3037(3) OR THE PIPE MANUFACTURER'S RECOMMENDATIONS, WHICHEVER IS GREATER.	

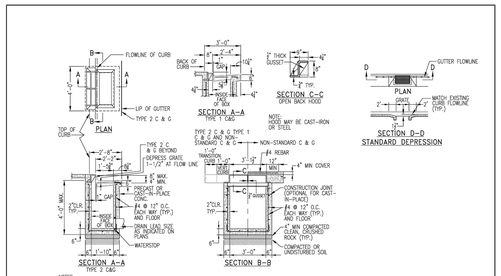
(1) RIGID PIPE = RCP, VCP & DIP.
(2) FLEXIBLE PIPE = ALL PIPE OTHER THAN RIGID PIPE.
(3) ASTM D3331 STATES THAT THE MINIMUM TRENCH WIDTH SHALL BE EQUAL TO THE PIPE O.D. PLUS 12", OR THE PIPE O.D. TIMES 1.25 PLUS 12", WHICHEVER IS GREATER.
(4) IF THE MAXIMUM DIMENSION AT THE TOP OF THE PIPE IS EXCEEDED, CONTRACTOR SHALL PROVIDE STRONGER PIPE OR SPECIAL BEDDING AND/OR BACKFILL CONDITIONS, AS APPROVED BY THE ENGINEER, TO MEET THE NEW LOADING.



CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

TRENCH BACKFILL AND RESURFACING

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 4 – 21



NOTES:
1. CAST -IN- PLACE CONCRETE DRAIN INLETS SHALL CONFORM TO SECTION 20 OF THE TECHNICAL SPECIFICATIONS. BOTTOM OF INLET SHALL BE PLACED AT SAME TIME AS SIDE WALLS, UNLESS NOTED OTHERWISE.
2. DROP INLET MAY BE PRE-CAST OR CAST-IN-PLACE. PRECAST DRAIN INLETS TO BE RATED FOR H20 LOADING AND SHALL BE APPROVED BY THE ENGINEER.
3. FRAME & GRATE SHALL CONFORM TO STANDARD DWG. 9-5.
4. REBAR SHOWN FOR CAST-IN-PLACE.
5. IF PLACED NEXT TO PARK STRIP, EXTEND BACK WALL OF DROP INLET TO SURFACE.

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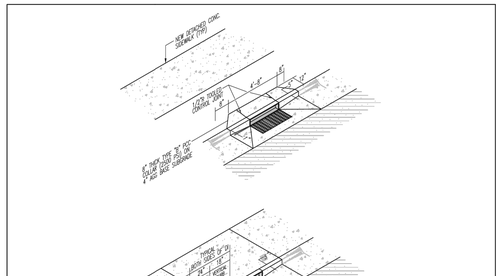
DEPARTMENT OF PUBLIC WORKS

TYPE "B" DROP INLET

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 2



NOTE:
1" GAP BETWEEN GRATE FRAME AND HOOD

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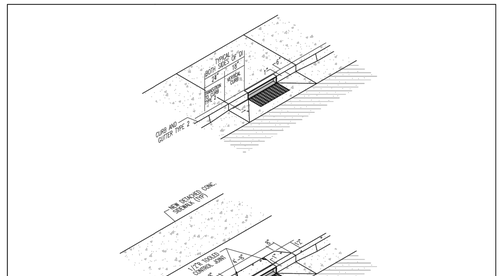
DEPARTMENT OF PUBLIC WORKS

ROLLED CURB TRANSITION TYPE "B" DROP INLETS

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 12



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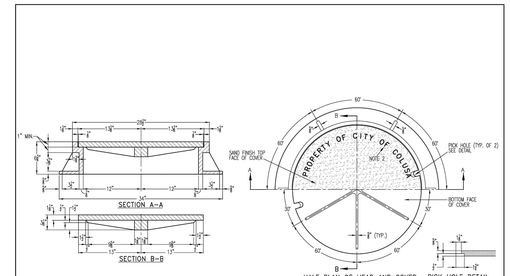
CURB TYPE 2 TRANSITIONS FOR TYPE "B" DROP INLETS

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 13

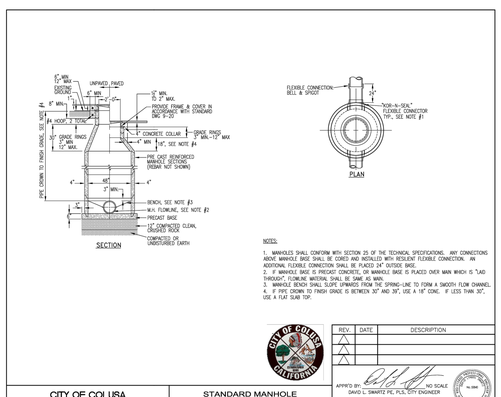


NOTE:
1. ALL CASTINGS TO CONFORM TO ASTM A48, CLASS 30, AND BE H-20 TRAFFIC RATED.
2. 1" TALL LETTERS RAISED 1/4" CAST INTO COVER.

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

STANDARD MANHOLE HEAD 1, COVER A

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 20

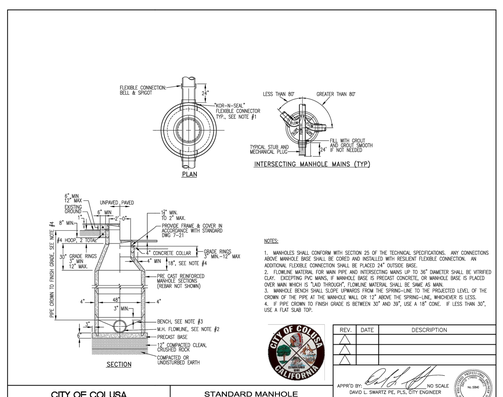


NOTES:
1. MANHOLES SHALL CONFORM WITH SECTION 25 OF THE TECHNICAL SPECIFICATIONS. ANY CONNECTIONS ABOVE MANHOLE BASE SHALL BE CORED AND INSTALLED WITH RESILIENT FLEXIBLE CONNECTION. AN ADDITIONAL FLEXIBLE CONNECTION SHALL BE PLACED 24" OUTSIDE BASE.
2. IF MANHOLE BASE IS PRECAST CONCRETE, OR MANHOLE BASE IS PLACED OVER MAIN WHICH IS "LAID THROUGH", FLOWLINE MATERIAL SHALL BE SAME AS MAIN.
3. MANHOLE BENCH SHALL SLOPE UPWARDS FROM THE SPRING-LINE TO FORM A SMOOTH FLOW CHANNEL.
4. IF PIPE CROWN TO FINISH GRADE IS BETWEEN 30" AND 39", USE A 18" CONE. IF LESS THAN 30", USE A FLAT SLAB TOP.

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

STANDARD MANHOLE No. 1

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 16

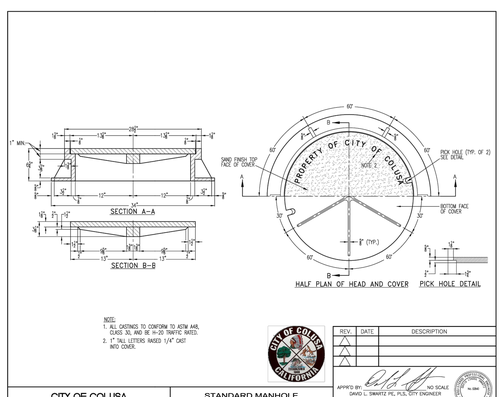


NOTES:
1. MANHOLES SHALL CONFORM WITH SECTION 25 OF THE TECHNICAL SPECIFICATIONS. ANY CONNECTIONS ABOVE MANHOLE BASE SHALL BE CORED AND INSTALLED WITH RESILIENT FLEXIBLE CONNECTION. AN ADDITIONAL FLEXIBLE CONNECTION SHALL BE PLACED 24" OUTSIDE BASE.
2. FLOWLINE MATERIAL FOR MAIN PIPE AND INTERSECTING MAINS UP TO 30" DIAMETER SHALL BE VERIFIED. EXCEPTING PVC MAINS, IF MANHOLE BASE IS PRECAST CONCRETE, OR MANHOLE BASE IS PLACED OVER MAIN WHICH IS "LAID THROUGH", FLOWLINE MATERIAL SHALL BE SAME AS MAIN.
3. MANHOLE BENCH SHALL SLOPE UPWARDS FROM THE SPRING-LINE TO THE PROJECTED LEVEL OF THE CROWN OF THE PIPE AT THE MANHOLE WALL OR 12" ABOVE THE SPRING-LINE, WHICHEVER IS LESS.
4. IF PIPE CROWN TO FINISH GRADE IS BETWEEN 30" AND 39", USE A 18" CONE. IF LESS THAN 30", USE A FLAT SLAB TOP.

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

STANDARD MANHOLE No. 3

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 9 – 14



NOTE:
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2. 1" TALL LETTERS RAISED 1/4" CAST INTO COVER.

CITY OF COLUSA
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STANDARD MANHOLE HEAD 1, COVER A

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE
DATE: OCTOBER 2024 DWG. NO. 7 – 21

NO.	DATE	DESCRIPTION

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CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER — MARISA ROSE HERRERA — C 91572 — CIVIL — STATE OF CALIFORNIA

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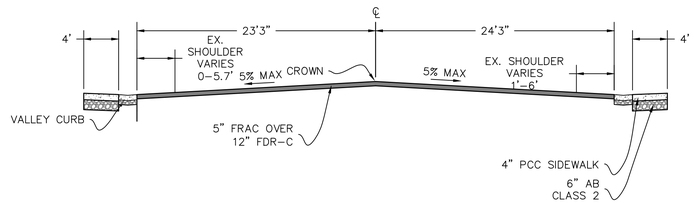
STANDARD DETAILS
WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102
SHEET D1 OF 32



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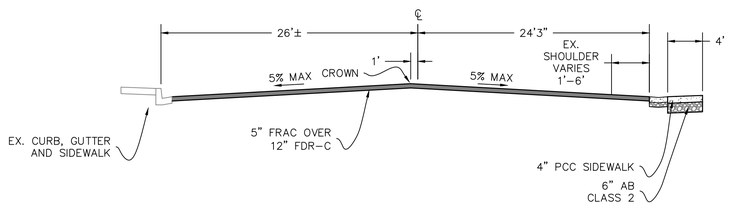
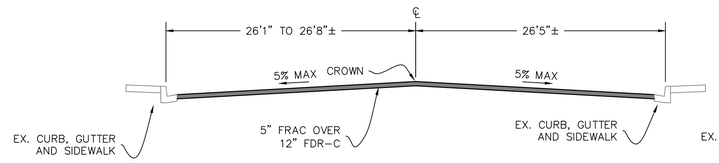
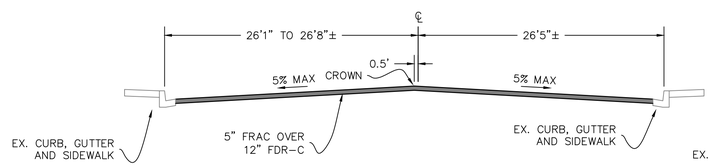


(2) TYPICAL SECTION STA 25+82.33 TO 29+17±



(4) TYPICAL SECTION STA 31+01± TO 36±



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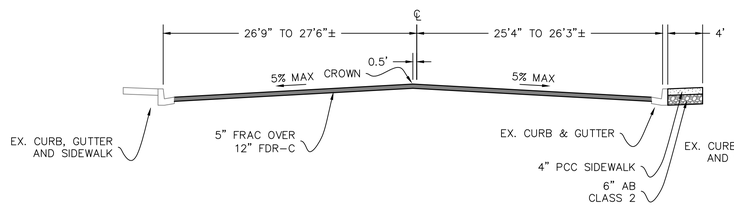

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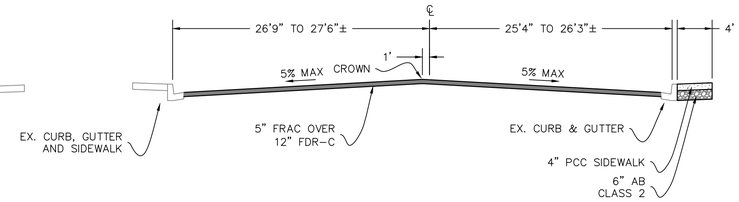

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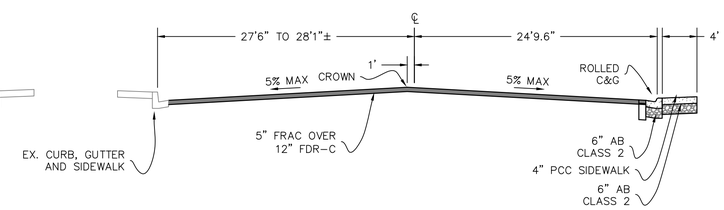
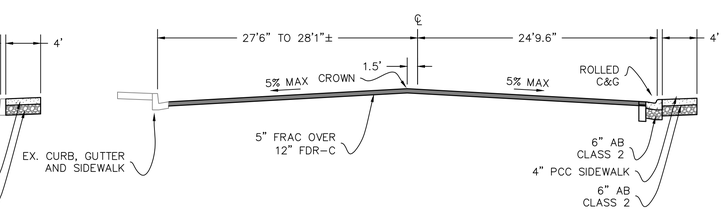


(8) TYPICAL SECTION STA 40+77± TO 42+50±



(9) TYPICAL SECTION STA 43+00± TO 50+09±

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
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CHECKED BY: DLS

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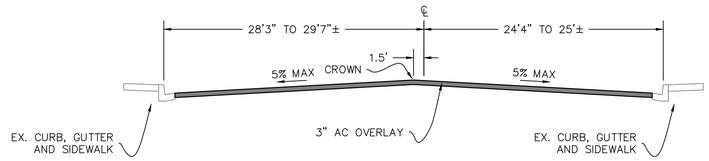
CITY OF COLUSA

DETAILS

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET D2 OF 32



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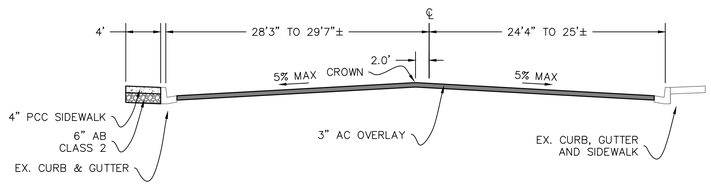

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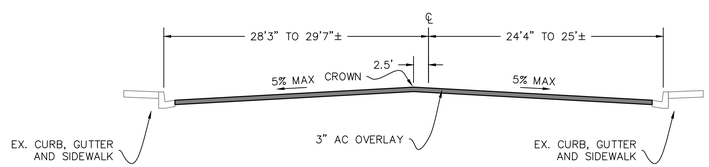

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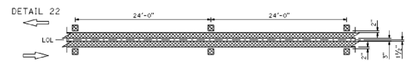
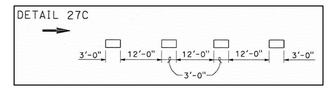


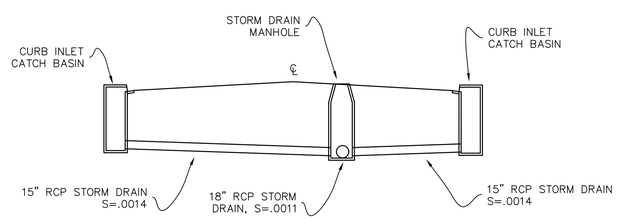
(7) CALTRANS STD PLAN A 20A DETAIL 22



(8) CALTRANS STD PLAN A 20B DETAIL 27C

- TYPE C RED-CLEAR RETROREFLECTIVE MARKER
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE MARKER
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE MARKER
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE MARKER
- 6" WHITE LINE
- 6" YELLOW LINE

CALTRANS STD PLAN A 20A LINE LEGEND



(5) STORM DRAIN DETAIL

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE:
DRAWN BY: DDI
DESIGNED BY: MRH
CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER
MARISA ROSE HERRERA
C 91572
CIVIL
STATE OF CALIFORNIA

CALIFORNIA ENGINEERING COMPANY INC
ESTD 1996
CIVIL ENGINEERING
LAND SURVEYING
FUNDING PROCUREMENT
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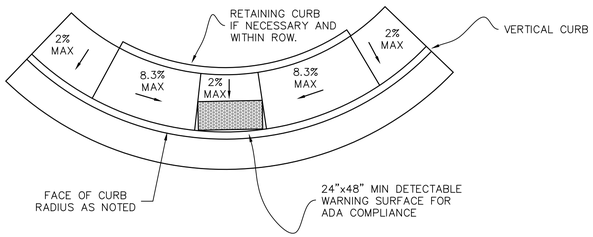
CITY OF COLUSA

DETAILS

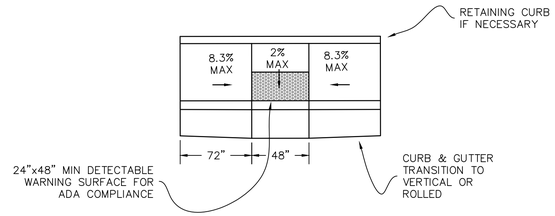
WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

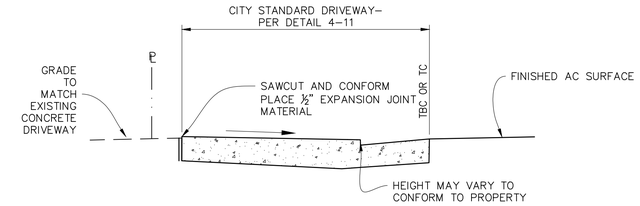
SHEET D3 OF 32



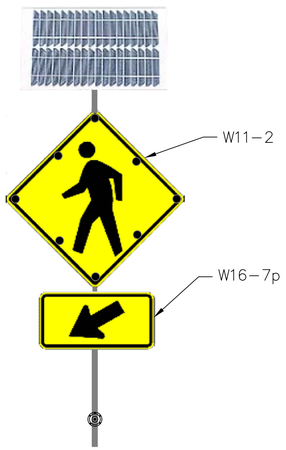
CORNER RAMP



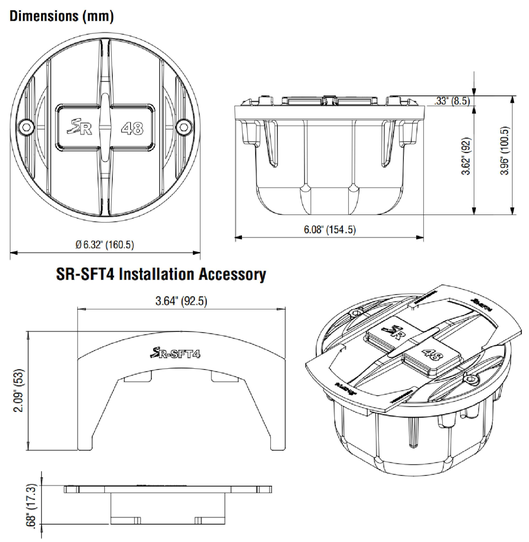
SIDEWALK RAMP



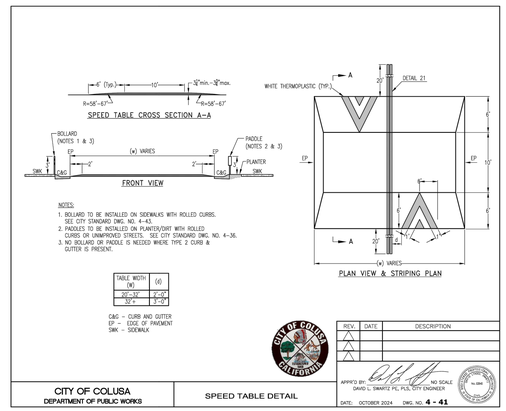
STANDARD DRIVEWAY DETAIL 4–4 MODIFICATION

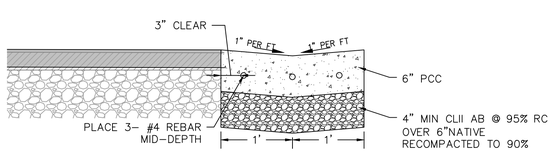


LED FLASHING TRAFFIC SIGN ASSEMBLY DETAIL



INPAVEMENT WARNING LIGHT TS–SR–48C DETAIL





VALLEY CURB DETAIL

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE:
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DESIGNED BY: MRH
CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER MARISA ROSE HERRERA C 91572 CIVIL STATE OF CALIFORNIA

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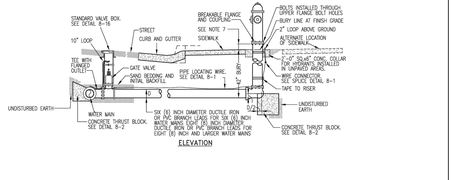
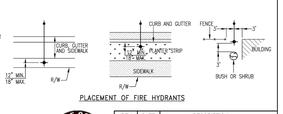
WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET D4 OF 32



NOTES
1. BODY OF ALL FIRE HYDRANTS SHALL BE PAINTED WITH TWO COATS OF RUST-OLEUM PROFESSIONAL OIL BASED ENAMEL ALUMINUM #7715 COLOR OR EQUAL.
2. TOP (BONNET OR DOME) OF ALL HYDRANTS SHALL BE PAINTED TO THE FOLLOWING COLOR CODE ACCORDING TO THE SIZE OF THE WATER MAIN THE HYDRANTS ARE CONNECTED TO:
   RED: FOR 6" MAINS
   ORANGE: FOR 8"-10" MAINS
   GREEN: FOR 12" AND LARGER MAINS.
3. THE BLUE REFLECTORS SHALL BE IN ACCORDANCE WITH SECTION 33-4 OF THE TECHNICAL SPECIFICATIONS AND PLACED ON THE HYDRANT SIDE OF THE STREET 5" FROM THE STREET CENTERLINE IN DIRECTION OF THE HYDRANT WITH REFLECTOR SIDES FACING TRAFFIC. PROVIDE TWO MARKERS FOR HYDRANTS INSTALLED AT MAJOR STREET INTERSECTIONS.
4. ONLY ONE (1) 6" OR 12" EXTENSION MAY BE USED FOR FIRE HYDRANT ADJUSTMENT TO GRADE. ALL OTHER ADDITIONAL ADJUSTMENTS MAY BE MADE WITH THE USE OF RINGS, BUT AN ENTIRE HYDRANT.
5. OPERATING NUT AND OUTLET NOZZLE CAP NUTS SHALL BE 1-1/2" PENTAGON IN SHAPE, 6" FROM THE FACE OF THE OUTLET NOZZLE.
6. IF THIS IS NOT POSSIBLE DUE TO EXISTING UTILITIES THEN THE FOLLOWING VARIANCE MAY BE ALLOWED: 7" MINIMUM AND 5" MAXIMUM, MEASURED FROM THE BOTTOM OF THE HYDRANT FLANGE TO FINISHED GRADE.
7. BARREL DRAIN OUTLET-NONE REQUIRED. IF HYDRANT IS PROVIDED WITH SUCH AN OUTLET IT MUST BE PLUGGED WITH A THREADED BRONZE OR CAST IRON PLUG.



PLACEMENT OF FIRE HYDRANTS

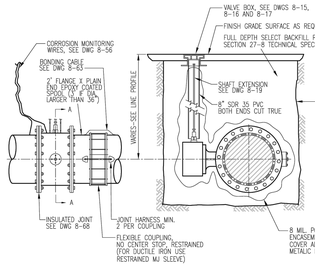
REV.	DATE	DESCRIPTION

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

FIRE HYDRANT INSTALLATIONS

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE

DATE: OCTOBER 2024 DWG. NO. 8 - 8



ELEVATION

SECTION A–A

NOTE:
1. SEE SECTION 10 FOR VALVE AND COUPLING COATINGS.
2. A ONE PIECE FULL FACED GASKET IS REQUIRED ON ALL FLANGED FITTINGS.

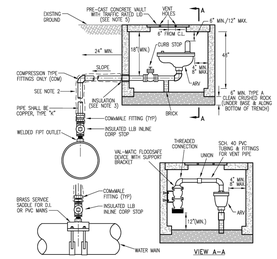
REV.	DATE	DESCRIPTION

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

BUTTERFLY VALVE STANDARD
BURIED INSTALLATION DETAIL

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE

DATE: OCTOBER 2024 DWG. NO. 8 - 42



VIEW A–A

NOTES:
1. MAINTAIN A SLOPE UPWARD FROM CORP. STOP TO AIR VALVE. (NO TRAPS)
2. 6 MIL POLYETHYLENE ENCASEMENT WITH 10 MIL TAPE IS REQUIRED FOR ALL UNDERGROUND COPPER TUBING.
3. 1/2"x4" POLYETHYLENE FOAM WRAP REQUIRED THREE WRAPS AROUND THE PIPE.
4. PIPE AND FITTINGS BETWEEN WATER MAIN AND ARV SHALL BE COPPER AND BRASS ONLY.
5. VAULT SHALL BE JENSEN PRE-CAST DESIGN, OR APPROVED EQUAL. WHEN VAULT IS WITHIN VEHICULAR TRAFFICKED RIGHT-OF-WAY, LID SHALL BE A REMOVABLE TOP SLAB WITH A 30" DIAMETER RING & COVER (WITH A MIN. OF 4-1.5" DIAMETER EVENLY SPACED VENT HOLES) AND A DIAMOND PLATE SURFACE. WHEN VAULT IS NOT WITHIN VEHICULAR TRAFFIC, LID SHALL BE TORSION SPRING ASSISTED DOORS WITH A SLIP RESISTANT TEXTURED SURFACE.
6. VAULT SHALL HAVE AN INTERIOR DEPTH OF 48", AN INTERIOR WIDTH OF 48", AND A MINIMUM LENGTH OF 48".

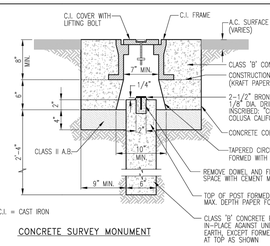
REV.	DATE	DESCRIPTION

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

1 & 2 INCH AIR VACUUM AND AIR RELEASE VALVE UNDERGROUND INSTALLATION(VAULT)

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE

DATE: OCTOBER 2024 DWG. NO. 8 - 45



CONCRETE SURVEY MONUMENT

NOTES:
1. MONUMENT COVERS AND FRAMES SHALL BE FORM "IRON SIDES", TYPE 80-60-03; PHOENIX, TYPE P-2001, OR APPROVED EQUAL. EACH COVER SHALL BE GROUND OR OTHERWISE FINISHED SO THAT IT WILL FIT ITS FRAME WITHOUT ROCKING. BRONZE PLAQUE NOT TO EXTEND MORE THAN 1/4" ABOVE CONCRETE BASE. MONUMENT TO BE SET BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
2. UNLESS OTHERWISE SPECIFIED, 4" MIN. CLEARANCE OF CONCRETE OVER WATER MAINS.
3. ALL CONCRETE IN CONFORMANCE WITH SEC. 10 OF TECHNICAL SPECIFICATIONS.

REV.	DATE	DESCRIPTION

CITY OF COLUSA
DEPARTMENT OF PUBLIC WORKS

CONCRETE SURVEY MONUMENT

APPR'D BY: DAVID L. SWARTZ PE, PLS, CITY ENGINEER — NO SCALE

DATE: OCTOBER 2024 DWG. NO. 4 - 53

NO.	DATE	DESCRIPTION

DATE: 5/23/2025
SCALE:
DRAWN BY: DDI
DESIGNED BY: MRH
CHECKED BY: DLS

REGISTERED PROFESSIONAL ENGINEER
MARISA ROSE HERRERA
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STANDARD DETAILS

WESCOTT ROAD IMPROVEMENT PLANS

PROJECT NUMBER 25-102

SHEET D5 OF 32