

general notes

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITEE TO CONTACT "UNDERGROUND SERVICE ALERT U.S.A." TOLL FREE AT 1-800-227-2600 FORTY- EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION, FOR LOCATION OF POWER, TELEPHONE, OIL AND NATURAL GAS UNDERGROUND FACILITIES. CONTRACTOR OR PERMITEE SHALL ALSO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF CABLE T.V., WATER, SEWER, DRAINAGE OR UNDERGROUND FACILITIES.
2. THE CONTRACTOR SHALL POSSESS A CLASS "A" OR "C-34" LICENSE AT THE TIME OF BID OPENING.
3. CONTRACTOR SHALL VERIFY DEPTH AND LOCATION OF ALL CROSSINGS PRIOR TO LAYING PIPE SO THAT PIPE ALIGNMENT AND GRADE CAN BE ADJUSTED AS NEEDED.
4. THE OUT CENTERLINE MONUMENTS BEFORE WORK AND REPLACE IF DISTURBED IN ACCORDANCE WITH THE LAND SURVEYORS ACT, AND SECTION 5-1.30E, REPLACE MONUMENT AND WELL PER ENG. STD. 6020.
5. THE CONTRACTOR MUST REPLACE ALL PAVEMENT STRIPES, MARKINGS, AND MARKERS DISTURBED DURING CONSTRUCTION. ALL PAVEMENT STRIPES AND MARKINGS WITHIN 5 FEET OF THE DISTURBED AREA MUST BE REPLACED. ALL STRIPING IS PER STATE STANDARD PLANS AND PER PER ENGINEERING STANDARD SPECIFICATION 84-1.01A.
6. SEWER MAIN WITH LESS THAN 1% SLOPE MUST BE INSTALLED WITH FLOAT ROCK AS BEDDING AND INITIAL BACKFILL. SEE ENG. STD. 6020, NOTE 10 FOR ADDITIONAL REQUIREMENTS.
7. CONNECT EXISTING VCP SEWER MAIN TO NEW MANHOLE WITH 3 FOOT PVC STUB AND STRONG BACK-RC COUPLINGS.
8. CONNECT EXISTING HDPE SEWER MAIN TO NEW MANHOLE WITH 3 FOOT HDPE STUB AND FUSED COUPLINGS OR BUTT FUSION.
9. CONNECT EXISTING PVC SEWER MAIN TO NEW MANHOLE WITH 3 FOOT PVC STUB AND PVC COUPLINGS.
10. ALL PVC AND HDPE PIPE CONNECTIONS MUST BE MADE WITH POLY-CAM SERIES 731 COUPLINGS OR APPROVED EQUAL.
11. ALL PIPE LENGTHS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIPE LENGTHS.
12. APPROXIMATE LOCATION OF LATERALS ARE SHOWN ON PLANS. LOCATING LATERALS IS THE RESPONSIBILITY OF THE CONTRACTOR AND ANY DAMAGE TO A LATERAL MUST BE REPAIRED IMMEDIATELY AND AT NO COST TO THE CITY.
13. NOT ALL IMPROVEMENTS WITHIN PRIVATE PROPERTIES ARE SHOWN. UPON COMPLETION OF WORK WITHIN PRIVATE PROPERTIES, THE CONTRACTOR MUST RESTORE PRIVATE PROPERTY IMPROVEMENTS TO THE SAME CONDITION BEFORE THE START OF CONSTRUCTION.
14. WHERE TRIMMING OF EXISTING VEGETATION IS REQUIRED DURING CONSTRUCTION IT MUST BE DONE IN A MANNER TO REMOVE THE MINIMUM POSSIBLE AMOUNT OF VEGETATION AND LEAVE THE REMAINING IN AN ATTRACTIVE CONDITION. CONTRACTOR TO HIRE CERTIFIED ARBORIST FOR TREE TRIMMING TO ALLOW NECESSARY EQUIPMENT CLEARANCE. NOTIFY THE ENGINEER IN ADVANCE OF THE WORK. REFER TO CITY STANDARD SPECIFICATIONS SECTION 77-1.03A(2) FOR ADDITIONAL REQUIREMENTS.

BASIS OF BEARINGS

THE BASIS OF BEARINGS AND COORDINATES FOR THIS SURVEY ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM NAD83, CALIFORNIA ZONE 5, US SURVEY FEET, AS DETERMINED BY GPS OBSERVATIONS ON POINTS 8038 AND 8037 AS SHOWN ON THE CITY OF SAN LUIS OBISPO "HORIZONTAL CONTROL NETWORK" (JANUARY 2007) BEING N26°05'11"W.

BENCHMARK

THE ELEVATIONS SHOWN HEREON ARE NAVD83 AS DETERMINED BY MEASUREMENTS ON POINT 151 AS SHOWN ON THE CITY OF SAN LUIS OBISPO "BENCHMARK SYSTEM" (JUNE 2019) HAVING PUBLISHED ELEVATION OF 259.52'.

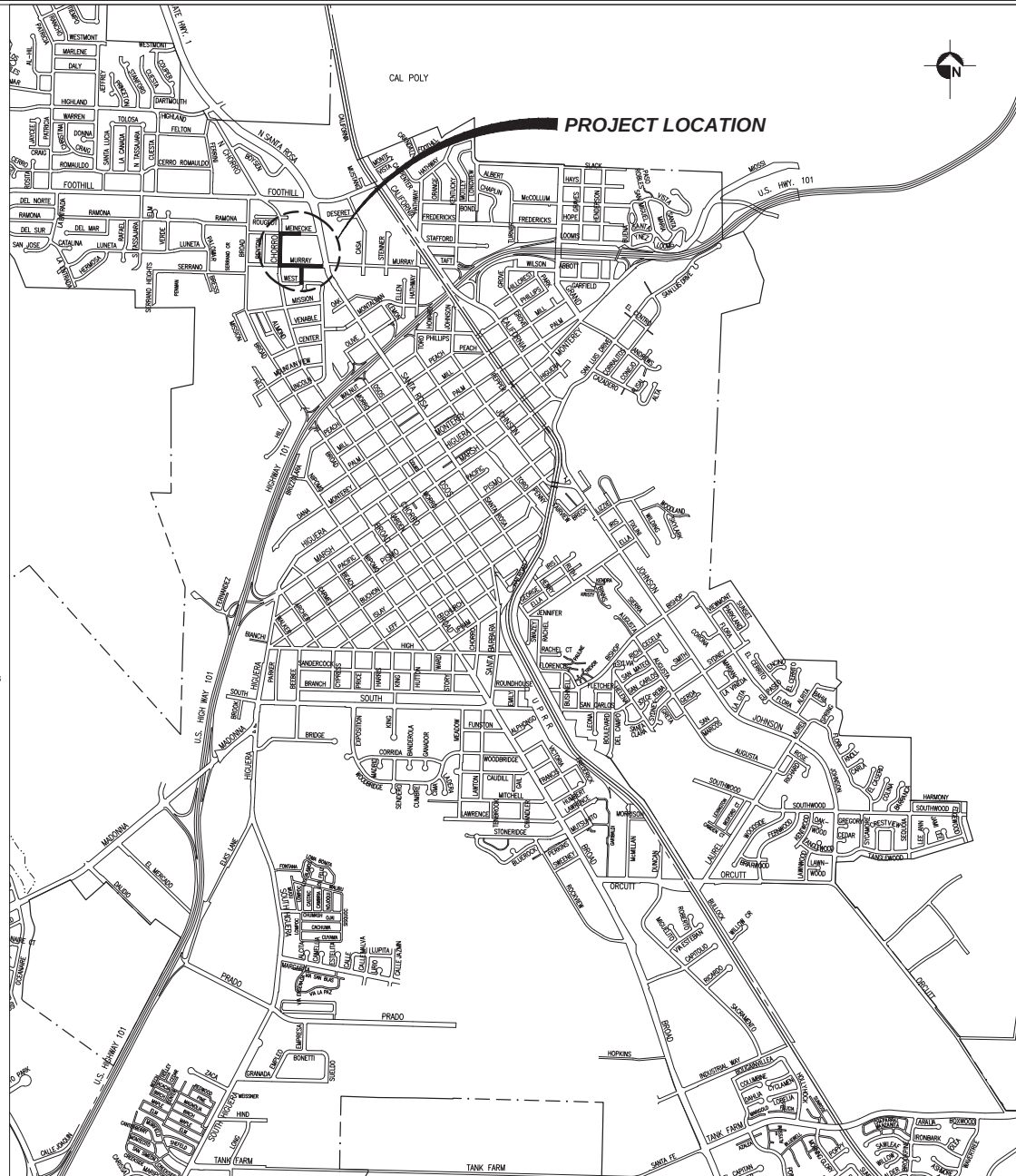
legend

- DEAD OR UNUSED SEWER LATERAL, VERIFY CONDITION, ABANDON IN PLACE IF DEAD, UNUSED, OR CAPPED.
- IN SERVICE SEWER LATERAL, CONNECT SEWER LATERALS PER ENG. STD. 6819.
- (E) STORM DRAIN
- (E) SEWER
- (E) WATER
- (E) GAS
- (E) OIL
- (E) TELEPHONE
- (E) FIBER OPTIC
- ABANDONED SEWER
- ABANDONED WATER

SIZE & INV



SEWER MANHOLE FLOW DIAGRAM SCHEMATIC. THROUGH VARIES WITH PIPE LAYOUT. ARROWS INDICATE FLOW DIRECTION.



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sheet no.

description
1 COVER SHEET
2 MEINECKE AVENUE
3 CHORRO STREET
4 MURRAY AVENUE
5 MURRAY AVENUE
6 MURRAY EASEMENT

Reference Documents:
City Standard Specifications - 2020 Edition
City Engineering Standards - 2020 Edition



san luis obispo county, california

CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

APPROVED BY

Brian A. Nelson, City Engineer R.C.E. C79870 Approved Date

SPECIFICATION NO.	DATE	SHEET
91639	MARCH 2022	1 of 6
	FILE NO./LOCATION	



CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

MEINECKE AVENUE

PROJECT TITLE

SHEET TITLE



APPROVED: MAY XX, 2022

DESIGNED BY: HN

DRAWN BY: HN

CHECKED BY: MH

APPROVED BY: BN

SCALE: HORIZ 1" = 20'

VERT 1" = 4'

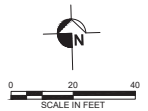
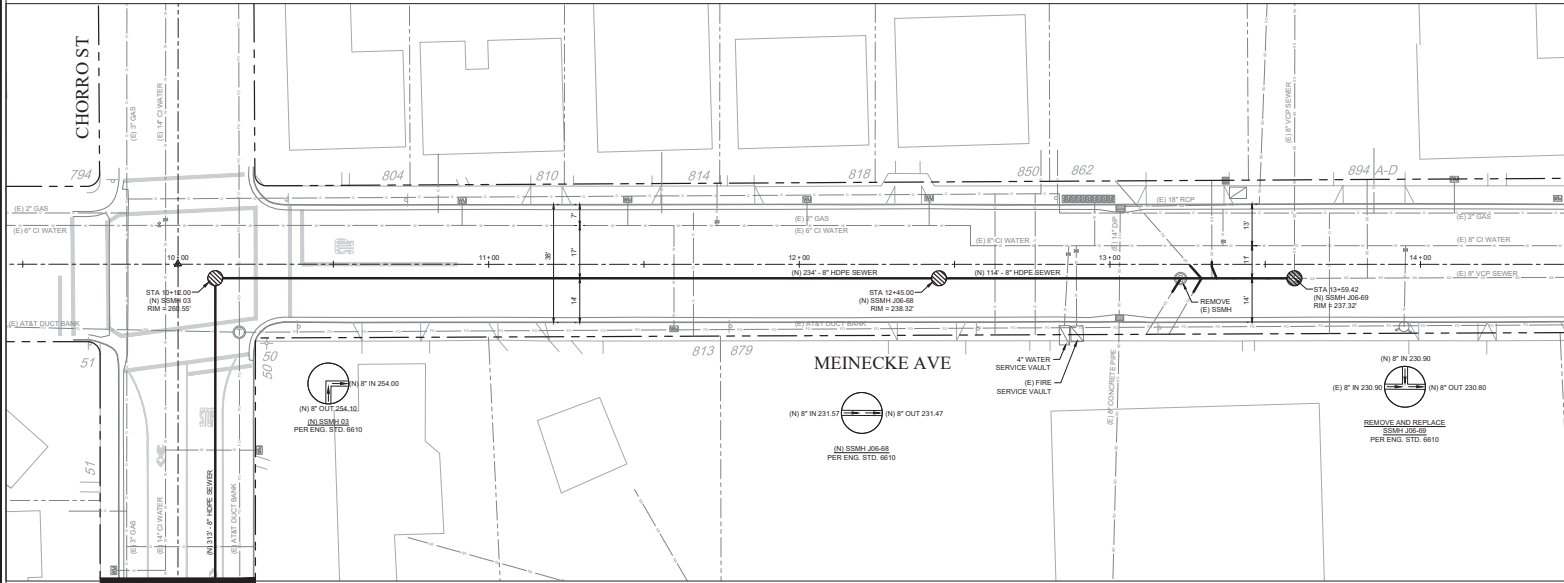
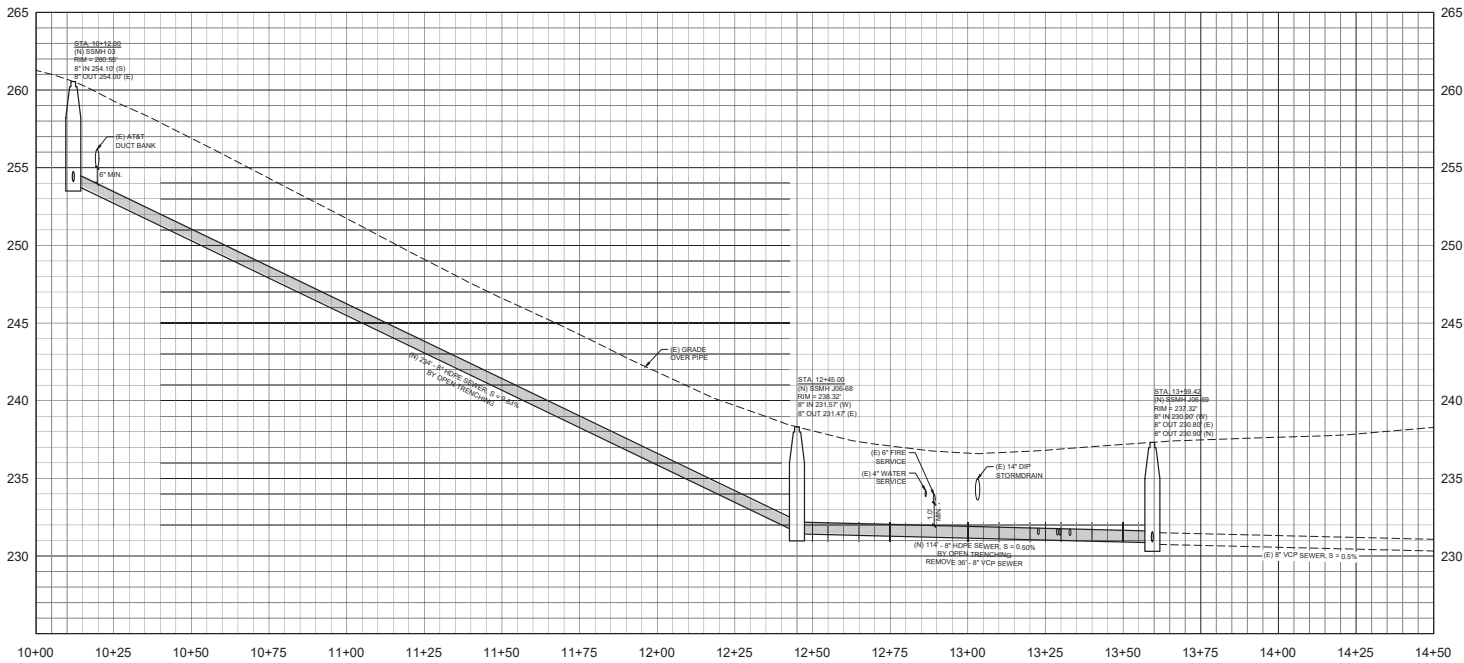
DATE: APRIL 2022

CITY SPECIFICATION NO. 91639

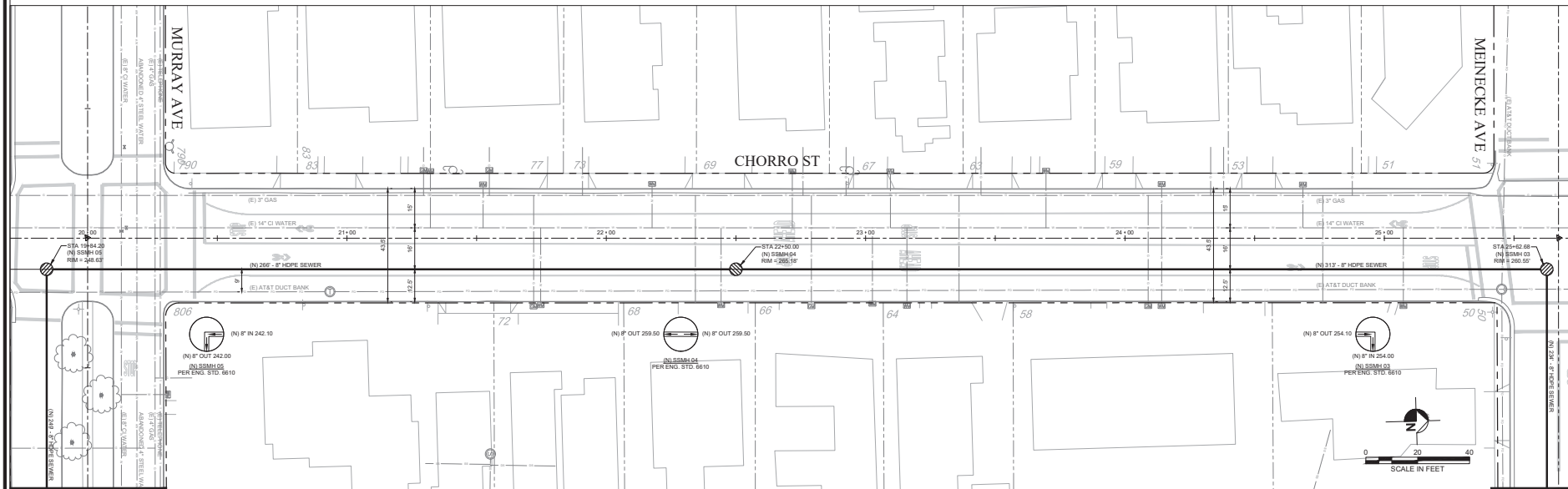
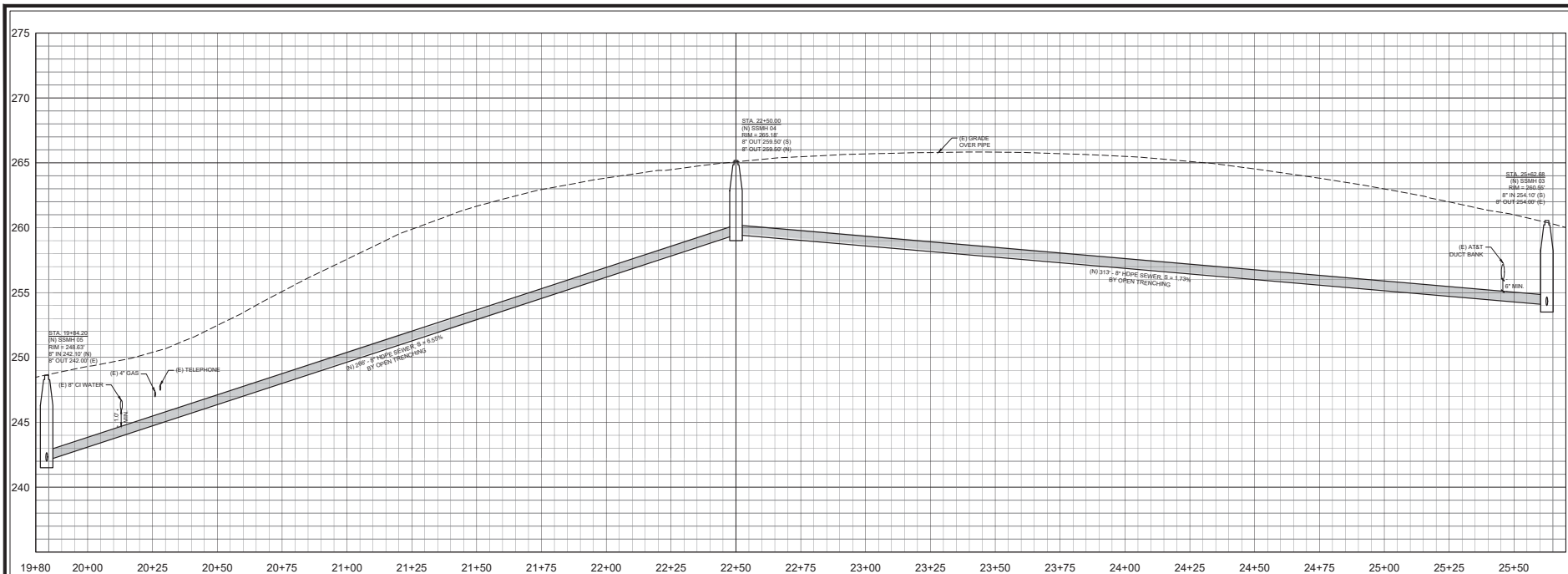
PLAN FILE NO. / LOCATION

SHEET NO.

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SEE SHEET 3



CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

CHORRO STREET

PROJECT TITLE

SHEET TITLE



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PLAN FILE NO. / LOCATION

SHEET NO.

3 of 6



CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

MURRAY AVENUE

PROJECT TITLE

SHEET TITLE



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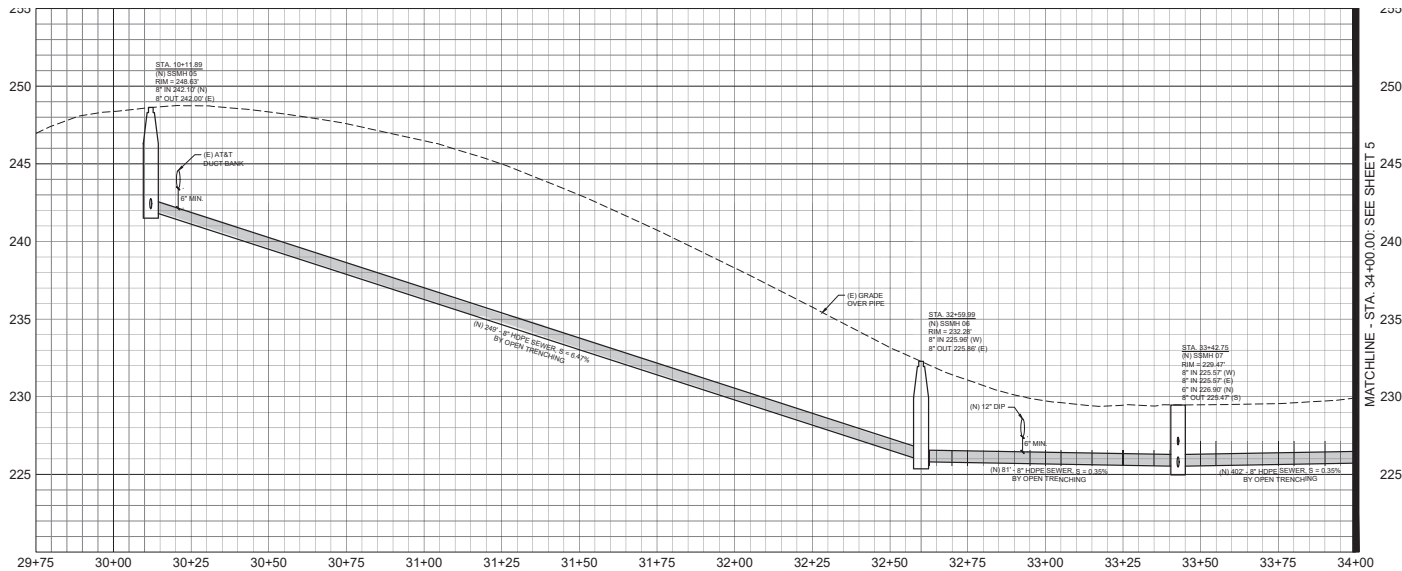
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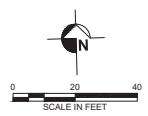
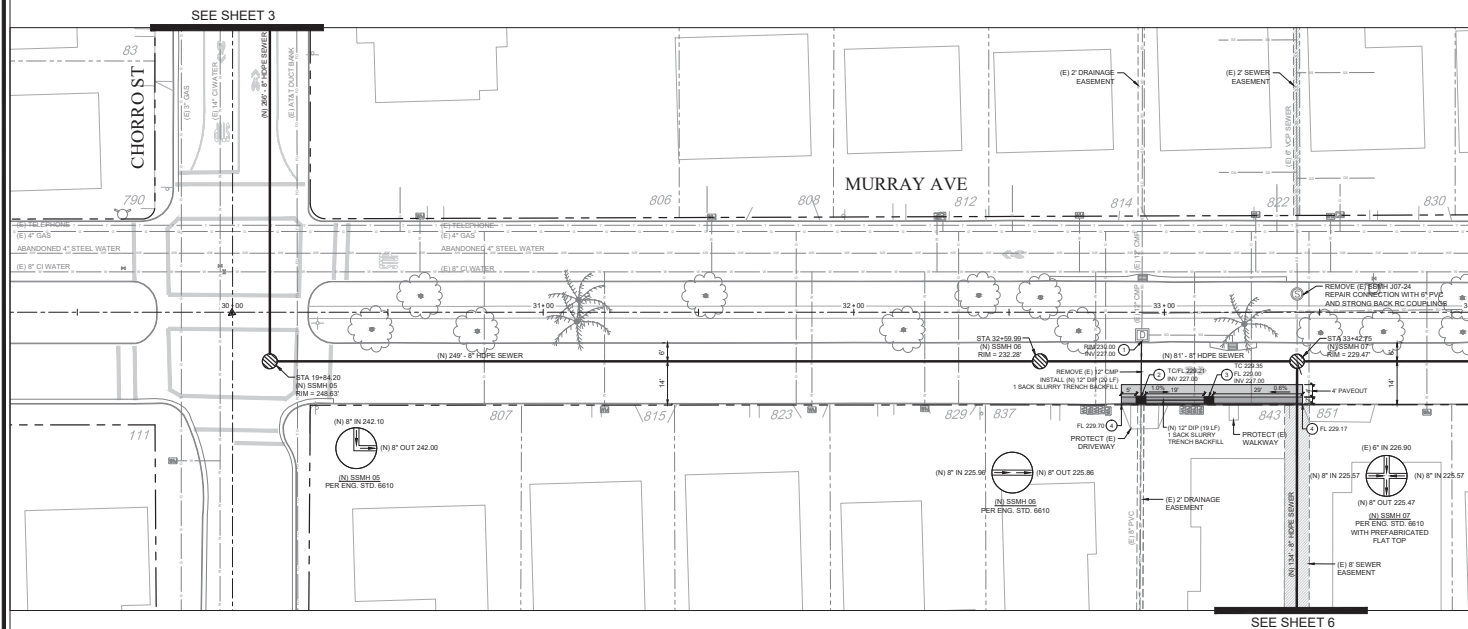
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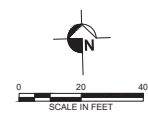
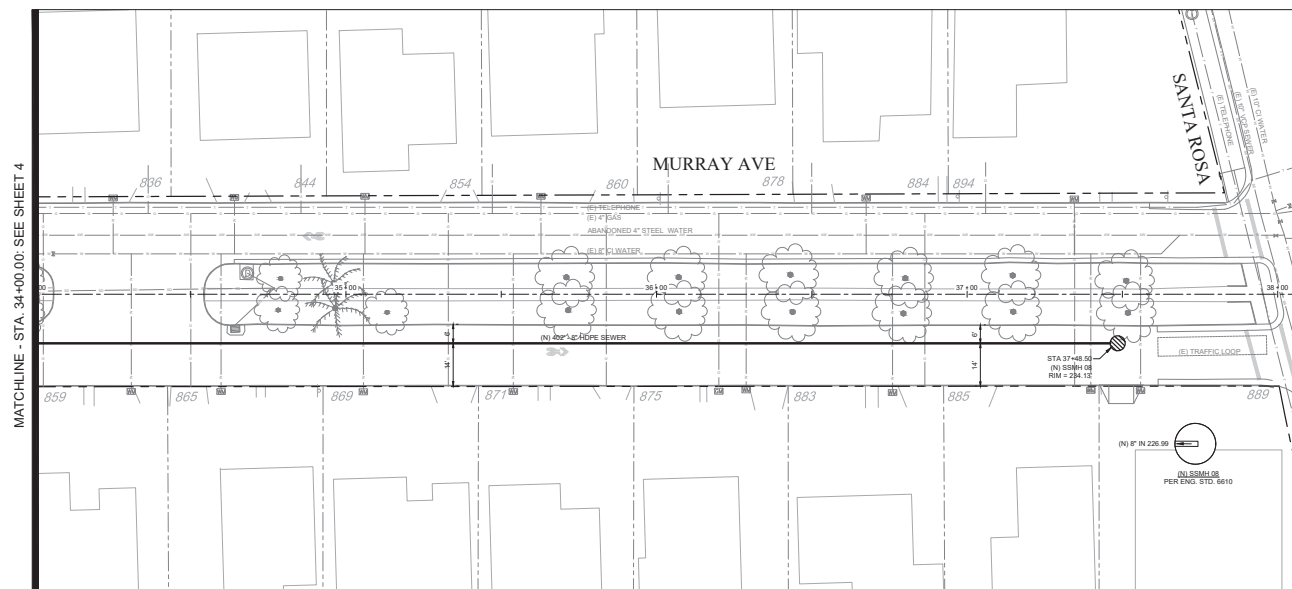
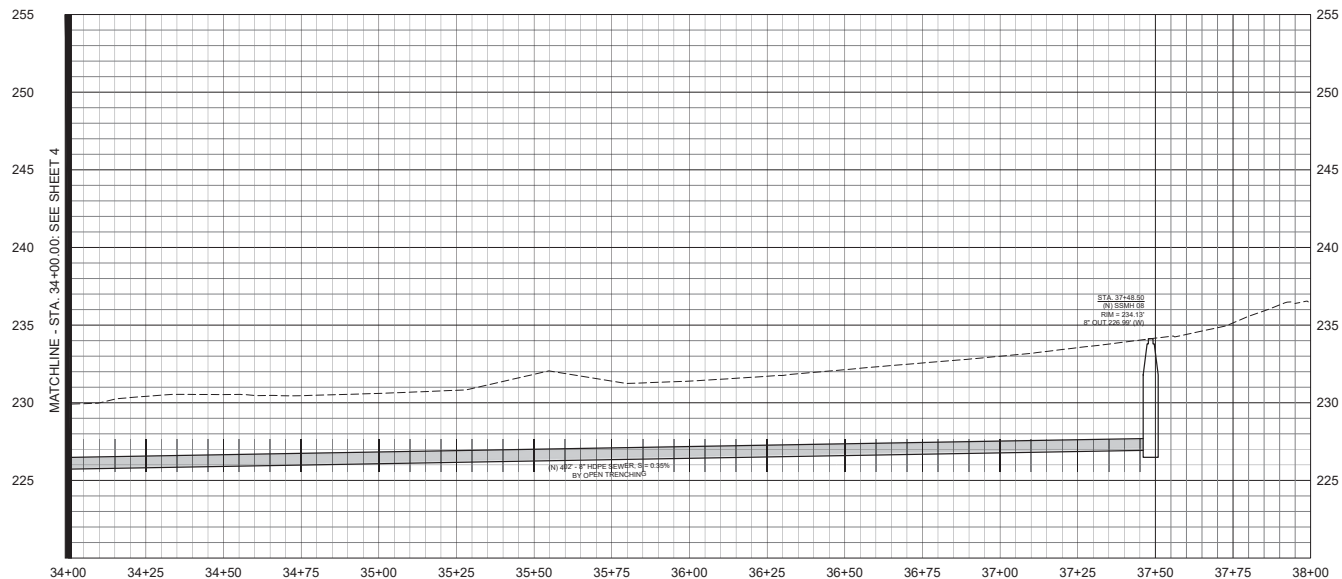
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CONSTRUCTION NOTES

- CONNECT TO (E) STORMDRAIN STRUCTURE PER ENG. STD. 3640
- REMOVE EXISTING DRAINAGE INLET. INSTALL (N) 30\"/>
- INSTALL (N) 30\"/>
- CURB AND GUTTER PER CITY ENG. STD. 4030.





PROJECT TITLE: CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

SHEET TITLE: MURRAY AVENUE



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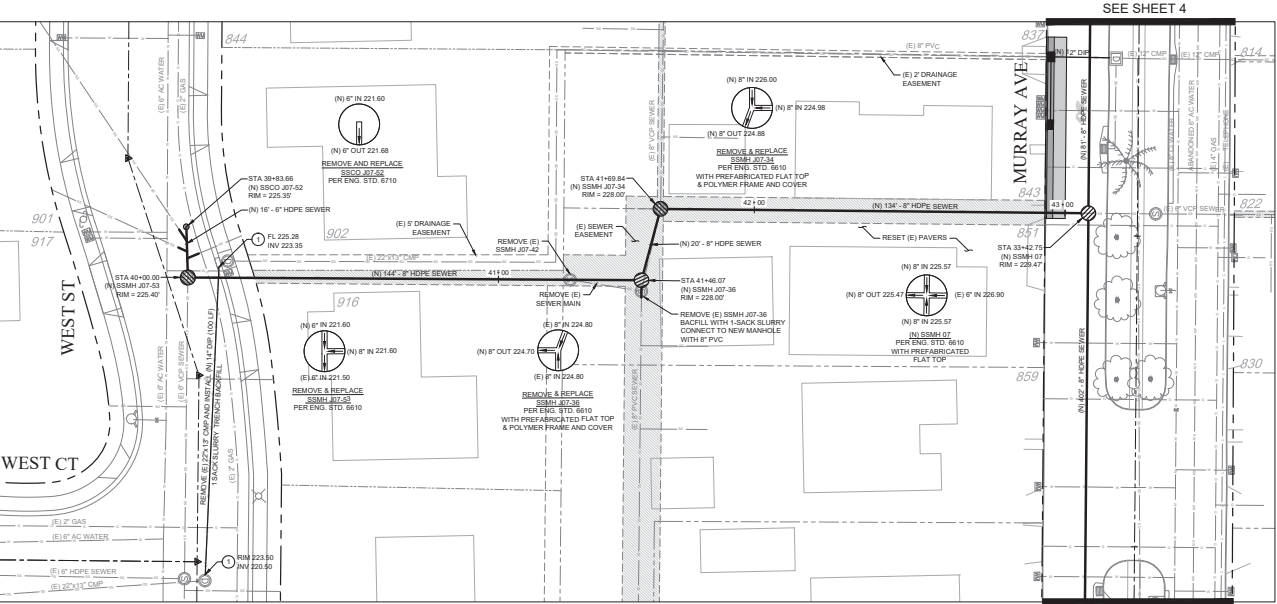
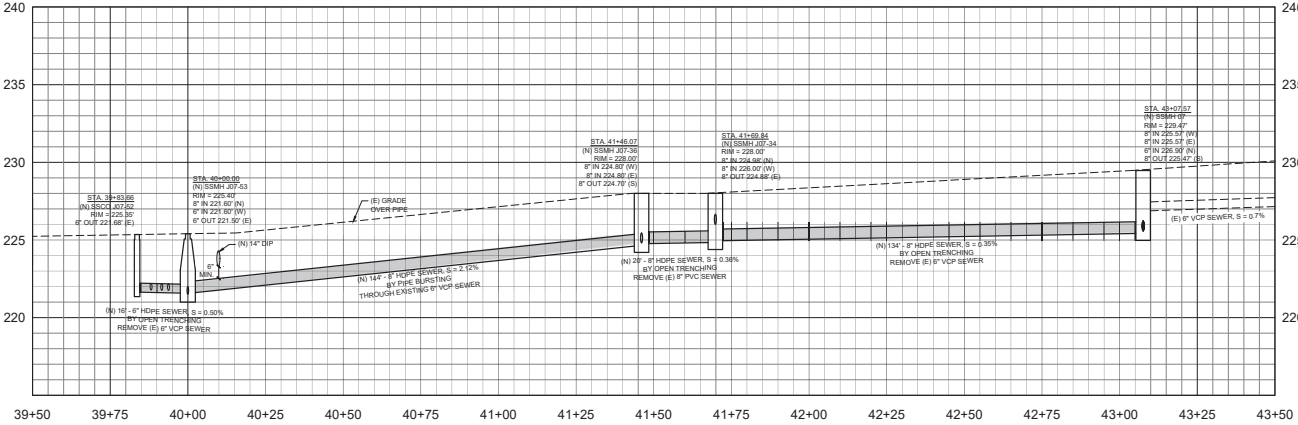
CHORRO/MURRAY/MEINECKE SEWER REPLACEMENT PROJECT

MURRAY EASEMENT

PROJECT TITLE



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CONSTRUCTION NOTES
1. CONNECT TO (E) STORMDRAIN STRUCTURE PER ENG. STD. 3540

