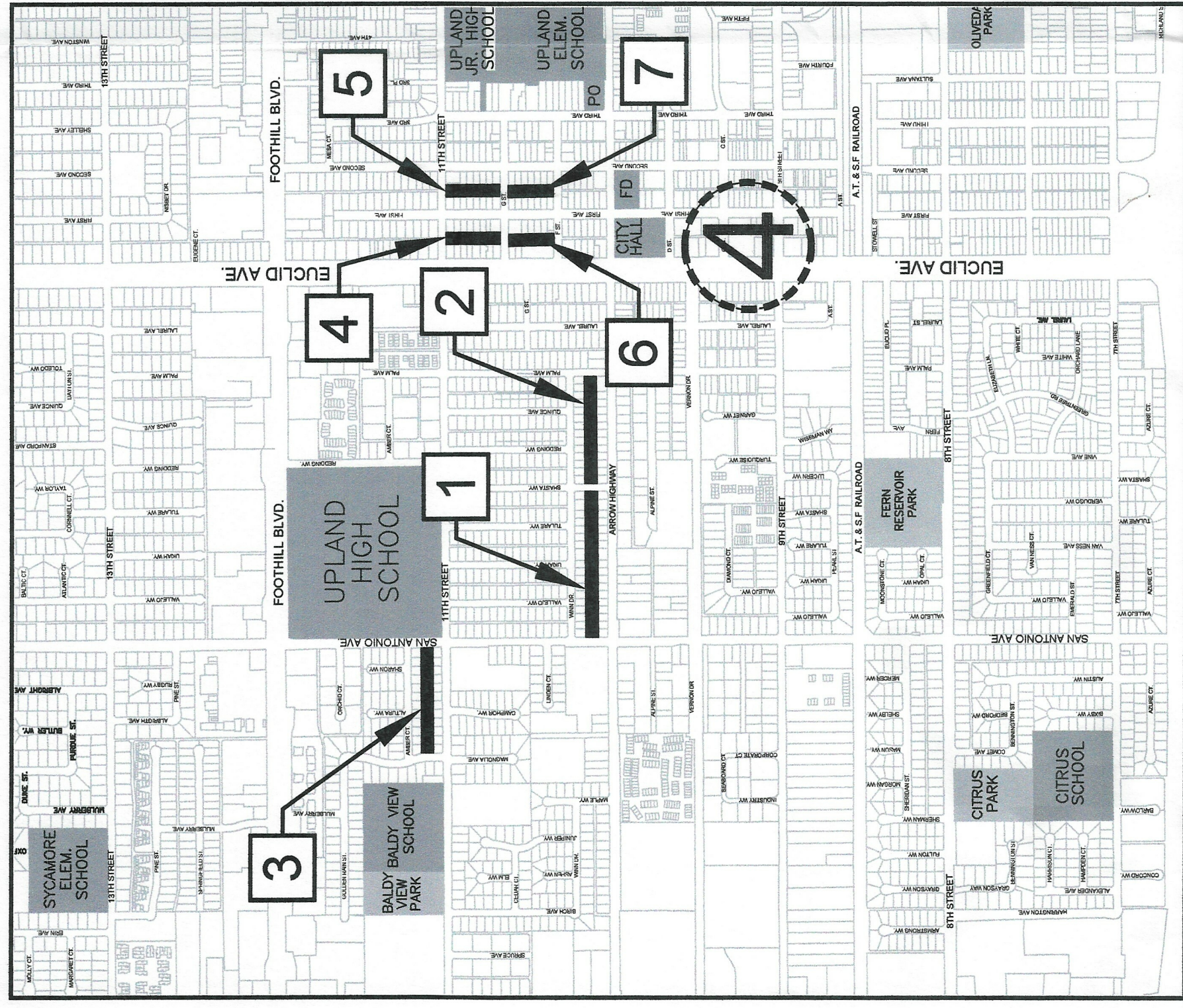


# CITY OF UPLAND PUBLIC WORKS DEPARTMENT

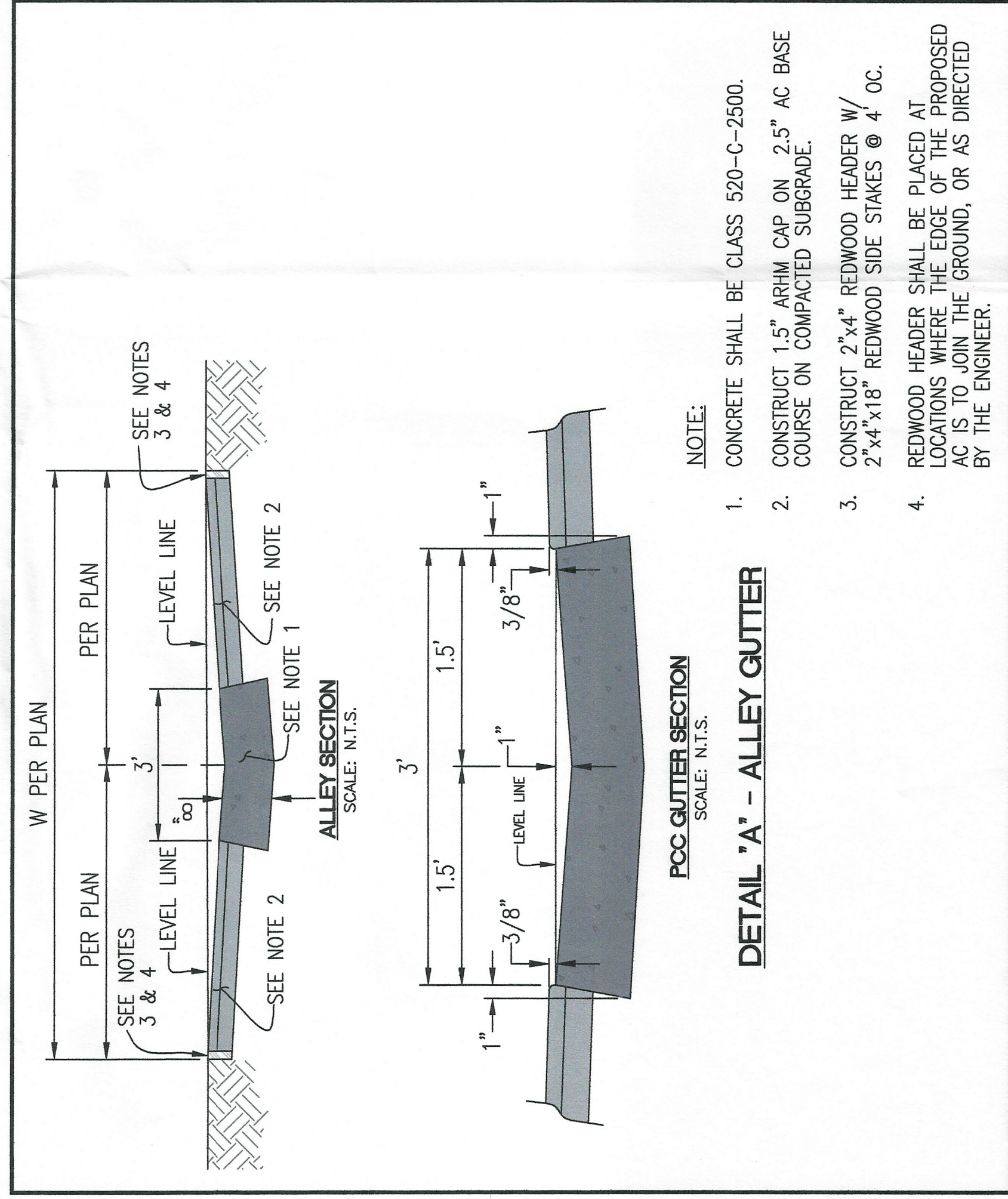
CONSTRUCTION PLANS  
FOR

## CAPITAL IMPROVEMENT PROJECT NO. 16160 ALLEY RECONSTRUCTION

ALLEY LOCATION	APPROX. LENGTH
1 ALLEY BETWEEN WINN DR. AND ARROW HWY. FROM SAN ANTONIO AVE. TO SHASTA WAY	1061'
2 ALLEY BETWEEN WINN DR. AND ARROW HWY. FROM SHASTA WAY TO PALM AVE.	852'
3 ALLEY BETWEEN AMBER CT. AND 11TH ST. FROM MAGNOLIA AVE. TO SAN ANTONIO AVE.	825'
4 ALLEY BETWEEN EUCLID AVE. AND 1ST AVE. FROM 11TH ST. TO 6' ST.	426'
5 ALLEY BETWEEN 1ST AVE. AND 2ND AVE. FROM 11TH ST. TO G ST.	426'
6 ALLEY BETWEEN EUCLID AVE. AND 1ST AVE. FROM G ST. TO F ST.	350'
7 ALLEY BETWEEN 1ST AVE. AND 2ND AVE. FROM G ST. TO F ST.	350'



LOCATION MAP  
N.T.S.



- NOTE:
- CONCRETE SHALL BE CLASS 520-C-2500.
  - CONSTRUCT 1.5" ARHM CAP ON 2.5" AC BASE COURSE ON COMPACTED SUBGRADE.
  - CONSTRUCT 2"x4" REDWOOD HEADER W/ 2"x4"x18" REDWOOD SIDE STAKES @ 4' OC.
  - REDWOOD HEADER SHALL BE PLACED AT LOCATIONS WHERE THE EDGE OF THE PROPOSED AC IS TO JOIN THE GROUND, OR AS DIRECTED BY THE ENGINEER.

SHT. NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP, NOTES, LEGENDS & DETAILS
2	ALLEY #1
3	ALLEY #1 AND #2
4	ALLEY #3
5	ALLEY #4 AND #5
6	ALLEY #6 AND #7

CONSTRUCTION NOTES	
1	CONSTRUCT 8"-THICK PCC ALLEY GUTTER PER DETAIL "A", SHEET 1.
2	REMOVE EXISTING MATERIAL (ASPHALT PAVEMENT, BASE, SUBGRADE, ETC.) WITHIN THE PROPOSED ALLEY STRUCTURAL SECTION TO A TOTAL DEPTH OF 4".
3	CONSTRUCT 1.5" ARHM OVERLAY (TYPE GG-C) ON 2.5" AC BASE COURSE (TYPE B) OVER COMPACTED SUBGRADE.
4	REMOVE & RECONSTRUCT EXIST. SEWER MANHOLE PER SPPWC STD. PLAN NO. 200-3. EXISTING CONC. MANHOLE BASE TO REMAIN.
5	INSTALL 2" X 4" REDWOOD HEADER WITH 2" X 4" X 18" REDWOOD SIDE STAKES AT 4' OC. LENGTH OF REDWOOD HEADER PER PLAN.
6	SAWCUT & REMOVE EX. & CONSTRUCT NEW 4" P.C.C. SIDEWALK PER SPPWC STD. PLAN NO. 112-2.
7	REMOVE EXISTING ASPHALT PAVEMENT FROM TOP OF CURB INLET.
8	PROTECT IN PLACE EXISTING STRUCTURE.
9	SAWCUT & REMOVE EX. & CONSTRUCT NEW 6" P.C.C. ALLEY INTERSECTION PER SPPWC STD. NO. 130-2.

NOTE:  
EXISTING FACILITIES, IMPROVEMENTS, LANDSCAPING, ETC. THAT ARE NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED IN PLACE OR TEMPORARILY REMOVED AND REINSTALLED AFTER WORK IS COMPLETED.

LEGEND	
1000	STREET ADDRESS
⊗	VALVE ASSEMBLY
□	WATER METER
○	EXISTING SEWER MANHOLE
▽	EXISTING FIRE HYDRANT
---	RIGHT-OF-WAY
---	EASEMENT
▨	RECONSTRUCTION PER PLAN.
▩	CONSTRUCT AC IMPROVEMENTS
▧	CONSTRUCT PCC IMPROVEMENTS

### GENERAL NOTES

- ALL WORK CALLED FOR ON THE PLANS SHALL COMPLY WITH THE CURRENT CITY OF UPLAND STANDARD PLANS AND SPECIFICATIONS; THE 2021 EDITION OF THE STANDARD PLANS AND STANDARD SPECIFICATIONS, RESPECTIVELY, FOR PUBLIC WORKS CONSTRUCTION, "GREENBOOK", AND THE CALTRANS STANDARD PLANS AND SPECIFICATIONS.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR MUST FIRST OBTAIN A CONSTRUCTION PERMIT FROM THE PUBLIC WORKS DEPARTMENT.
- A TEMPORARY STREET CLOSURE PERMIT IS REQUIRED IN ALL CASES WHERE WORK WILL IN ANY WAY, INTERFERE WITH VEHICULAR OR PEDESTRIAN TRAFFIC. THE CONTRACTOR IS ADVISED THAT CITY COUNCIL RESOLUTION NO. 1656, DEALING WITH PROMPT RESTORATION OF CITY STREETS TORN UP DURING CONSTRUCTION, WILL BE ENFORCED IN ALL CASES WHERE THE PROVISIONS THEREOF ARE APPLICABLE.
- LOCATIONS OF EXISTING UTILITIES AND/OR UNDERGROUND FACILITIES, IF SHOWN, ARE IN THEIR APPROXIMATE LOCATIONS BASED ON BEST AVAILABLE INFORMATION AT TIME OF PREPARING PLANS. ACTUAL LOCATION, SIZE, TYPE AND NUMBER OF UTILITIES AND/OR UNDERGROUND FACILITIES MAY DIFFER FROM THAT SHOWN AND SUCH UTILITIES OR FACILITIES MAY BE PRESENT THAT ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE SITE INSPECTED BY UNDERGROUND SERVICE ALERT (USA) PRIOR TO COMMENCING WORK AND TO VERIFY LOCATIONS OF ALL UTILITIES WITH RESPECTIVE OWNERS PRIOR TO STARTING WORK AND THROUGHOUT CONTRACT. THE PLANS ONLY SHOW KNOWN UNDERGROUND UTILITIES FOR STREETS THAT ARE TO BE RECONSTRUCTED.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF UPLAND INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION PERIOD. PHONE: (909) 291-2964.
- INSPECTION BY THE CITY OR ITS REPRESENTATIVE OF THE WORK CALLED FOR ON THE PLANS DOES NOT, IN ANY WAY, RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO PERFORM WORK IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL USE PROPER SAFETY SIGNING AND BARRICADES AS REQUIRED PER LATEST EDITION OF THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD).
- REQUESTS FOR DEVIATIONS FROM THE APPROVED PLANS (EXCEPT MINOR ADJUSTMENTS IN THE FIELD TO MEET EXISTING CONDITIONS), SHALL BE MADE IN WRITING AND ARE NOT TO BE INITIATED UNLESS OR UNTIL THEY ARE APPROVED BY THE PUBLIC WORKS DIRECTOR OR A REPRESENTATIVE ACTING SPECIFICALLY UPON HIS INSTRUCTIONS.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE CITY ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- AT NO TIME IS ANY BUSINESS OR RESIDENCE TO BE WITHOUT ACCESS UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY.
- THE CONTRACTOR SHALL OPERATE IN A MANNER COMPLIANT WITH ALL APPLICABLE ORDINANCES, MUNICIPAL CODE AND COMPLIANT WITH ALL APPLICABLE CITY COUNCIL RESOLUTIONS.
- WORKING HOURS SHALL BE BETWEEN 7:00 A.M. AND 3:30 P.M. MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE CITY.
- TRAFFIC CONTROL SHALL BE PER THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), AND THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCHBOOK).
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, CONTINUOUSLY INDEMNIFY AND HOLD THE CITY AND ITS EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE CITY OR ITS EMPLOYEES.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES AFFECTED BY THE CONSTRUCTION FOR ADJUSTMENT OF MANHOLES, VAULTS, AND ANY SUBSTRUCTURE WITHIN THE PROJECT LIMITS. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
- INSTALL PLYWOOD FALSE BOTTOMS IN ALL SEWER MANHOLES WITHIN THE CONSTRUCTION AREA. CHECK DAILY BY INSPECTOR.
- PROVIDE TRAP AT FIRST MANHOLE DOWNSTREAM.

### SURVEY MONUMENT NOTE

EXISTING SURVEY MONUMENTS WITHIN THE CONSTRUCTION AREA THAT APPEARS ON ANY RECORDED MAP, HIGHWAY MAP OR SURVEY CONTROL POINTS SHALL BE LOCATED AND REFERENCED BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER (AUTHORIZED TO PRACTICE LAND SURVEYING). BEFORE THE START OF CONSTRUCTION, CORNER RECORDS SHALL BE FILED WITH THE COUNTY SURVEYOR. THESE CORNER RECORDS SHALL DESCRIBE THE MONUMENTS FOUND WITH THE DISTANCES TO REFERENCE POINTS FOR THE RESETTING OF A SURVEY MONUMENT. WHEN CONSTRUCTION IS COMPLETED, MONUMENTS SHALL BE SET AND CORNER RECORDS SHALL BE FILED WITH THE COUNTY SURVEYOR SHOWING THE NEW MONUMENTS.

		APPROVED BY:  R.C.E. 065272 ENGINEERING MANAGER R.C.E. 065272 EXP. DATE 09-30-2025	DATE: 9/5/24 OF 6 SHEETS DRAWING NO. 16160
CITY OF UPLAND PROJECT NO. 16160: ARPA ALLEY REHABILITATION PHASE 2		CITY OF UPLAND PUBLIC WORKS DEPARTMENT 1370 N. BENSON AVENUE UPLAND, CA 91765 (909) 291-2930 PHONE (909) 291-2974 FAX	SHEET 1 OF 6 SHEETS DRAWING NO. 16160
DRAWN BY: JFA DESIGNED BY: SN CHECKED BY: SN RECOMMENDED BY: BC	RECOMMENDED BY: DEVELOPMENT SERVICES	TITLE SHEET, LOCATION MAP, NOTES, LEGEND, SECTION AND DETAILS	RECOMMENDED BY: DEVELOPMENT SERVICES

BENCHMARK:  
FOUND BOLT IN CURB 1' SOUTH OF SOUTH END OF CURB RETURN, IN THE INTERSECTION OF THE NORTH AND THE NORTHWEST CORNERS OF EUCLID AVE. (SSD CO. BM 01689)  
ELEVATION = 1255.442

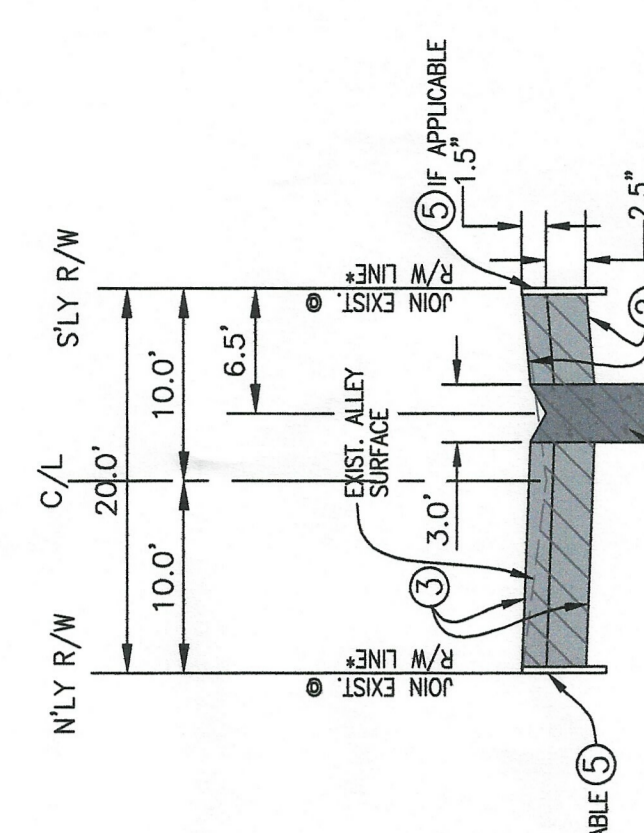
**CONSTRUCTION NOTES**

1. CONSTRUCT 8"-THICK PCC ALLEY GUTTER PER DETAIL "A", SHEET 1.
2. REMOVE EXISTING MATERIAL (ASPHALT PAVEMENT, BASE, SUBGRADE, ETC.) WITHIN THE PROPOSED ALLEY STRUCTURAL SECTION TO A TOTAL DEPTH OF 4'.
3. CONSTRUCT 1.5" ARMH OVERLAY (TYPE GG-C) ON 2.5" AC BASE COURSE (TYPE B) OVER COMPACTED SUBGRADE.
4. REMOVE & RECONSTRUCT EXISTING SEWER MANHOLE PER SPPWC STD. PLAN NO. 200-3. EXISTING CONC. MANHOLE BASE TO REMAIN.
5. INSTALL 2' X 4' REDWOOD HEADER WITH 2' X 4' X 18" REDWOOD SIDE STAKES AT 4' OC, LENGTH OF REDWOOD HEADER PER PLAN.
6. REMOVE EXISTING ASPHALT PAVEMENT FROM TOP OF CURB INLET.

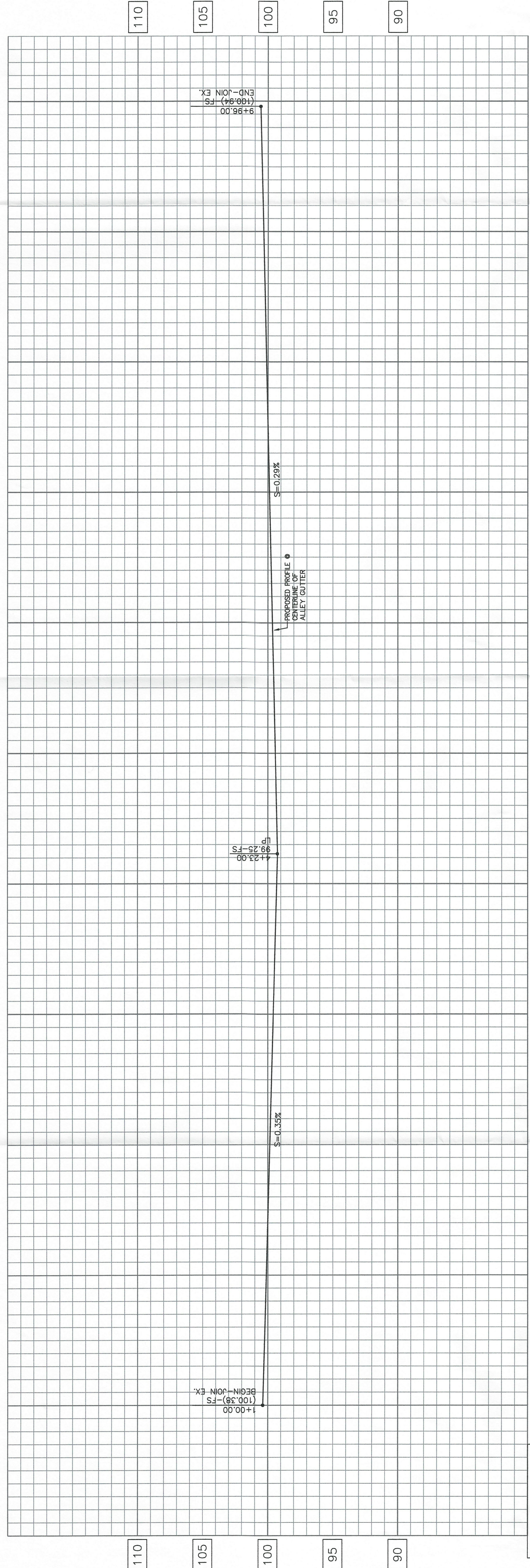
**NOTE:**  
EXISTING FACILITIES, IMPROVEMENTS, LANDSCAPING, ETC. THAT ARE NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED IN PLACE OR TEMPORARILY RELOCATED AND REINSTALLED AFTER WORK IS COMPLETED.

**LEGEND:**

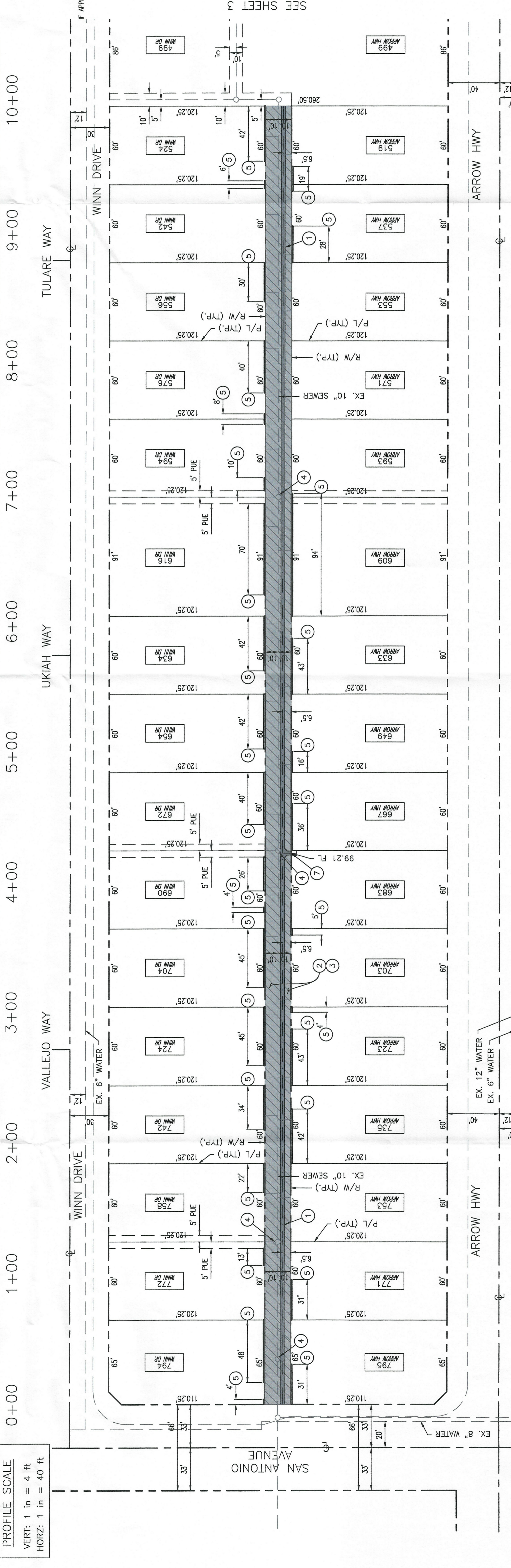
- RECONSTRUCTION PER PLAN.
- CONSTRUCT AC IMPROVEMENTS
- CONSTRUCT PCC IMPROVEMENTS



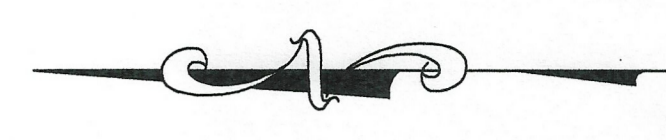
**TYPICAL SECTION**  
ALLEY #1 AND #2 (SAN ANTONIO AVE TO PALM AVE)  
SHEET 2



**PROFILE SCALE**  
VERT: 1 in = 4 ft  
HORZ: 1 in = 40 ft

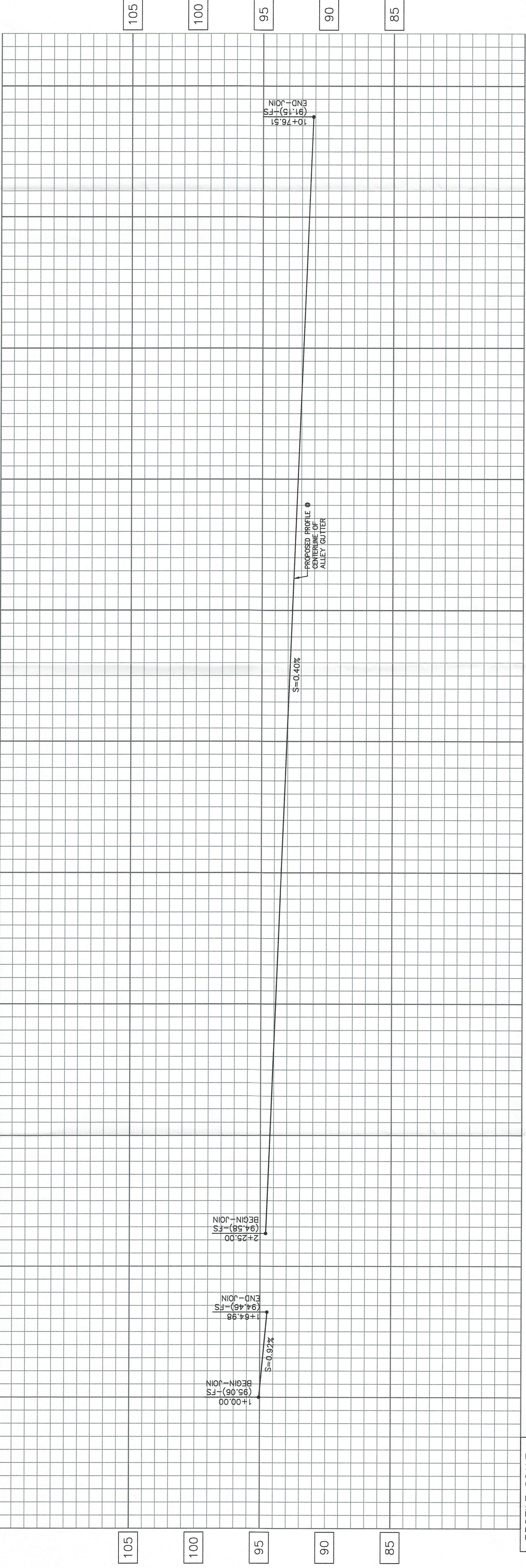


SEE SHEET 3



SCALE: 1" = 40'

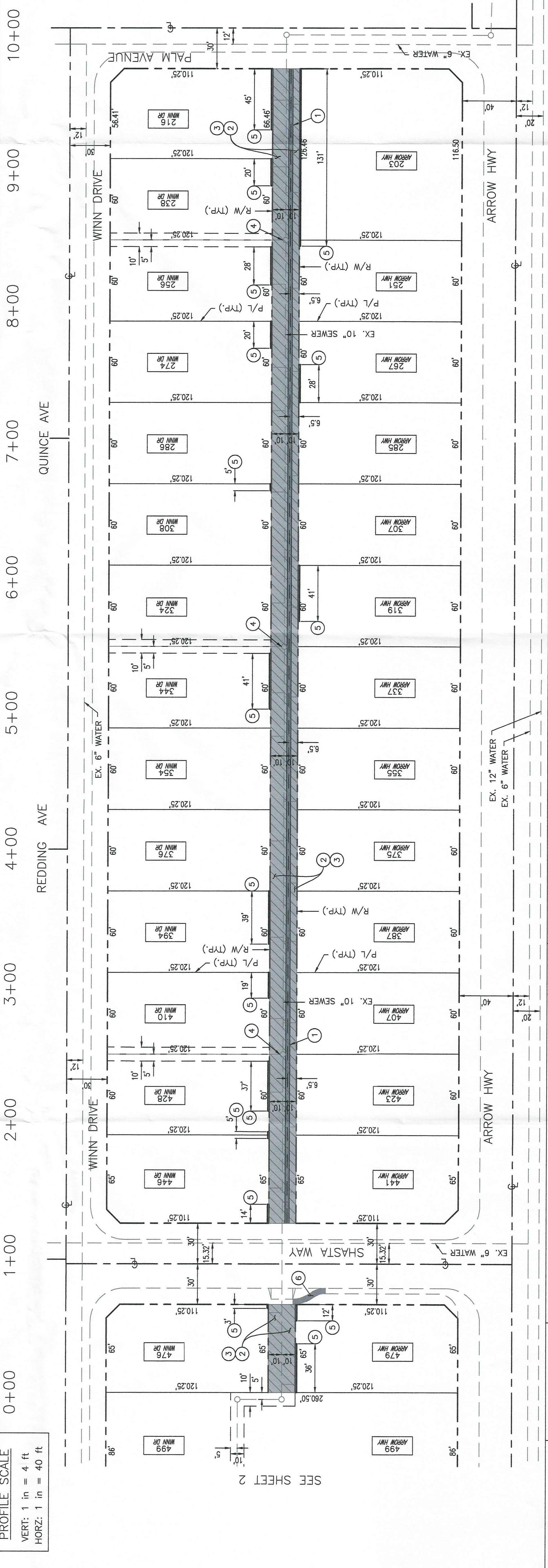
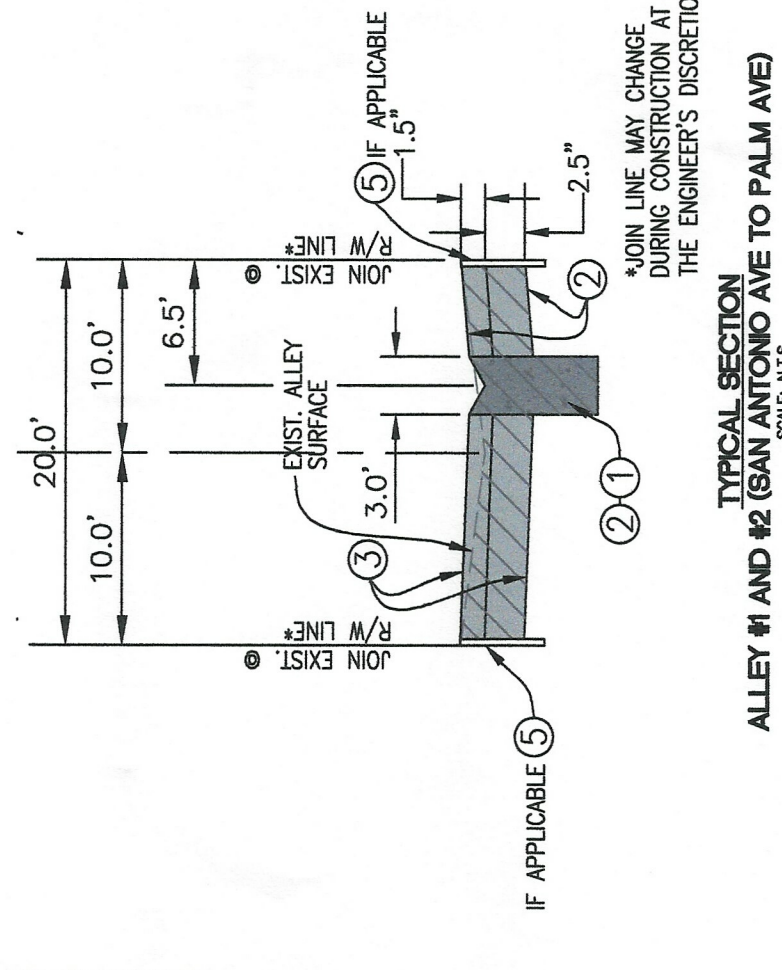
<p><b>CITY OF UPLAND</b></p> <p>PROJECT NO. 16160: ARPA ALLEY REHABILITATION PHASE 2</p> <p>ALLEY #1</p>		<p>SHEET</p> <p>2</p> <p>OF 6 SHEETS</p> <p>DRAWING NO. 16160</p>												
<p>APPROVED BY: <i>[Signature]</i></p> <p>ENGINEERING MANAGER</p> <p>R.C.E. 06272 EXP. DATE 09-30-2025</p>		<p>DATE: 9/15/24</p>												
<p>DESIGNED BY: SN</p> <p>CHECKED BY: SN</p> <p>RECOMMENDED BY: BC</p>		<p>RECOMMENDED BY: DEVELOPMENT SERVICES</p>												
<p>SEAL: </p>														
<p>PLANS PREPARED BY: CITY OF UPLAND PUBLIC WORKS DEPARTMENT 1300 G. WILSON AVENUE UPLAND, CA 91785 (909) 291-2930 PHONE (909) 291-2974 FAX</p>														
<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			MARK	DATE	INITIAL	DESCRIPTION								
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<p><b>BENCHMARK:</b> FOUND BOLT IN CURB 1' SOUTH OF SOUTH END OF CURB RETURN AT THE INTERSECTION OF SAN ANTONIO AVENUE AND THE PARALLEL LINES OF EUCLID AVE. (SRD. CO. BM 01889) ELEVATION = 1256.442</p>														



- CONSTRUCTION NOTES**
- CONSTRUCT 8"-THICK PCC ALLEY GUTTER PER DETAIL "A", SHEET 1.
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  - REMOVE & RECONSTRUCT EXIST. SEWER MANHOLE PER SPPWC STD. PLAN NO. 200-3. EXISTING CONC. MANHOLE BASE TO REMAIN.
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  - SAWCUT & REMOVE EX. & CONSTRUCT NEW 4" P.C.C. SIDEWALK PER SPPWC STD. PLAN NO. 112-2.

**NOTE:**  
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- LEGEND:**
- RECONSTRUCTION PER PLAN.
  - CONSTRUCT AC IMPROVEMENTS
  - CONSTRUCT PCC IMPROVEMENTS



SCALE: 1"=40'

**BENCHMARK:**  
FOUND BOLT IN CURB 1' SOUTH OF THE SOUTH END OF CURB RETURN AT THE SOUTH END OF PALM AVENUE AND THE NORTHBOUND LANES OF EUCLID AVE. (SSD CO. BM 01688)  
ELEVATION = 1255.442

**REVISIONS**

MARK	DATE	INITIAL	DESCRIPTION

**PLANS PREPARED BY**  
CITY OF UPLAND  
PUBLIC WORKS DEPARTMENT  
1370 N. BENSON AVENUE  
UPLAND, CA 91785  
(909) 291-2930 PHONE  
(909) 291-2974 FAX

**SEAL:**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 69272  
Exp. 09-30-2025

**APPROVED BY:**  
DATE: 9/5/24  
ENGINEERING MANAGER  
R.C. 655272 EXP. DATE 09-30-2025  
RECOMMENDED BY:  
DEVELOPMENT SERVICES

**DRAWN BY:** JFA  
**DESIGNED BY:** SN  
**CHECKED BY:** SN  
**RECOMMENDED BY:** BC

**CITY OF UPLAND**  
SHEET 3 OF 6 SHEETS  
DRAWING NO. 16160

**PROJECT NO. 16160: ARPA ALLEY REHABILITATION PHASE 2**  
ALLEY #1 AND ALLEY #2

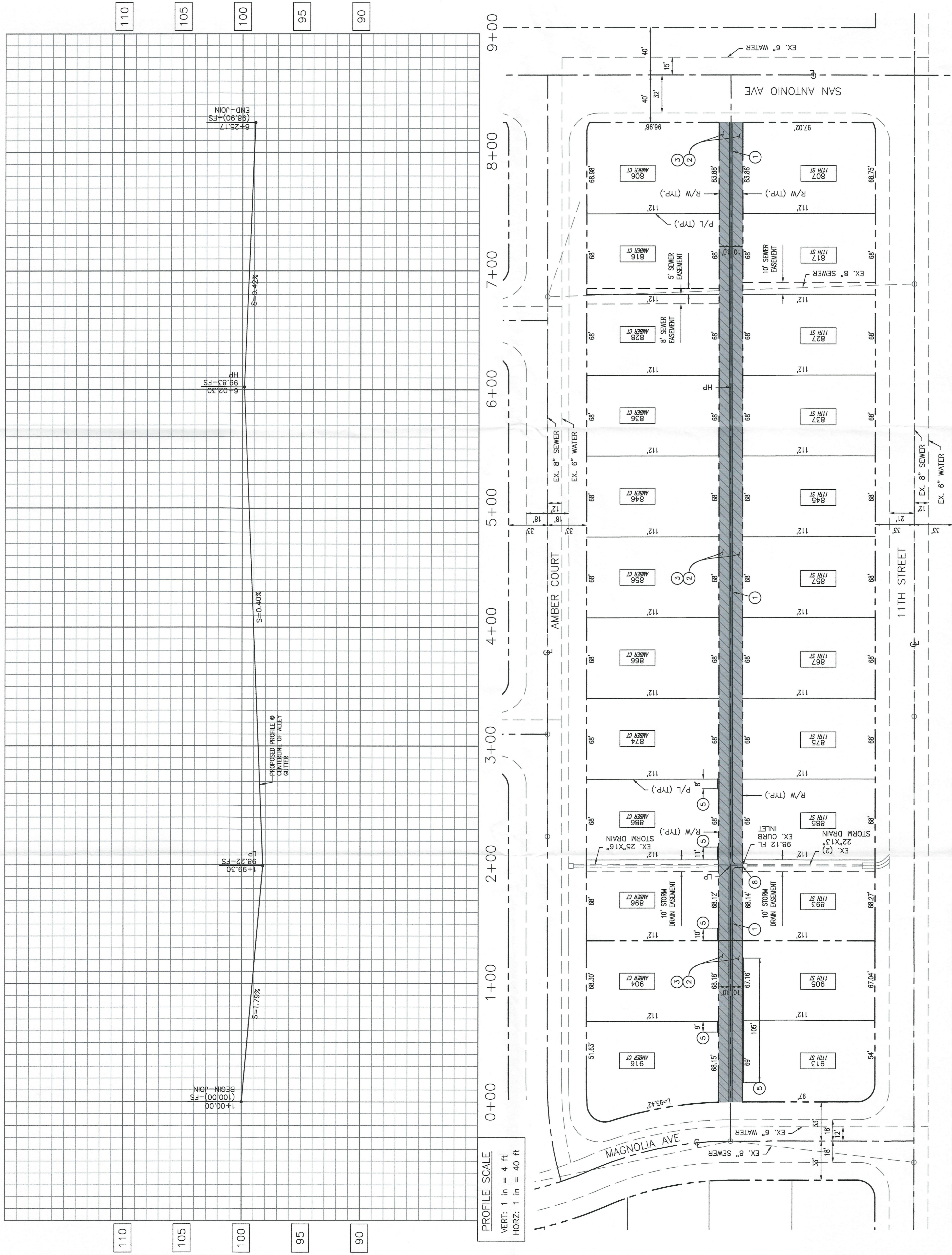
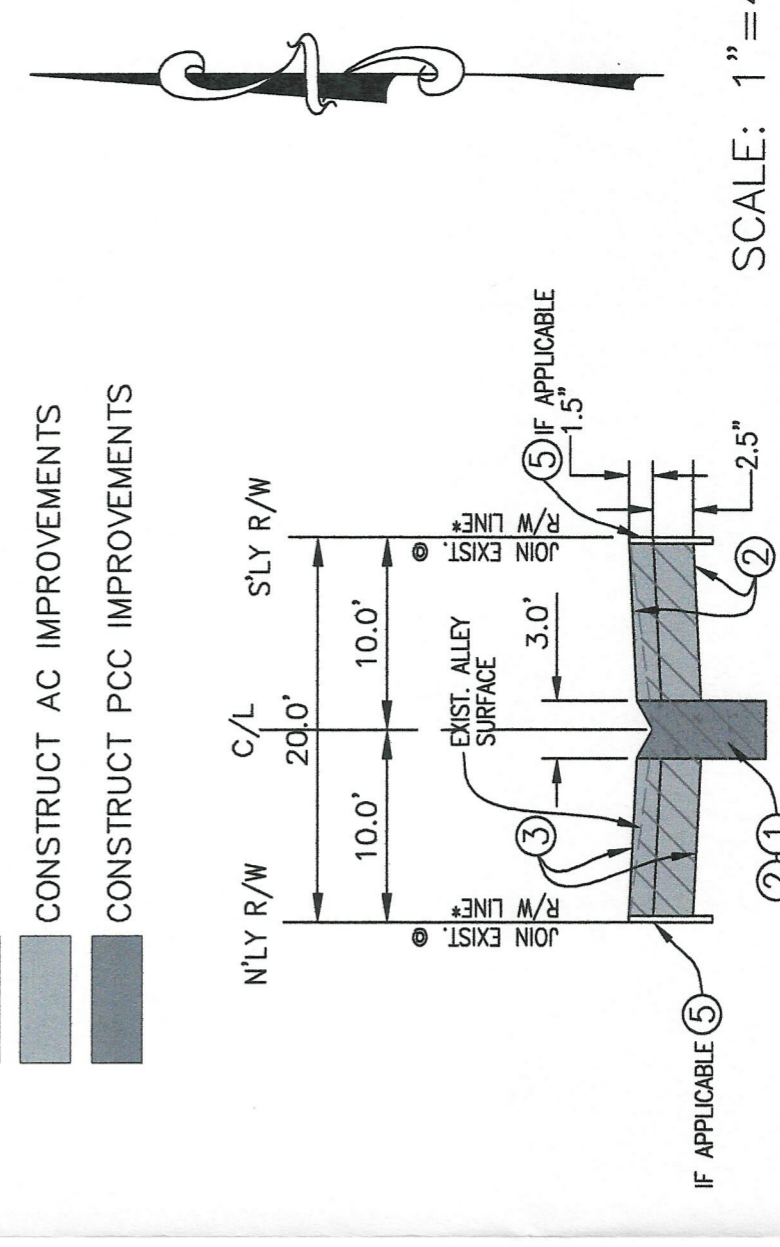
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- PROTECT IN PLACE EXISTING STRUCTURE.

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- CONSTRUCT AC IMPROVEMENTS
- CONSTRUCT PCC IMPROVEMENTS

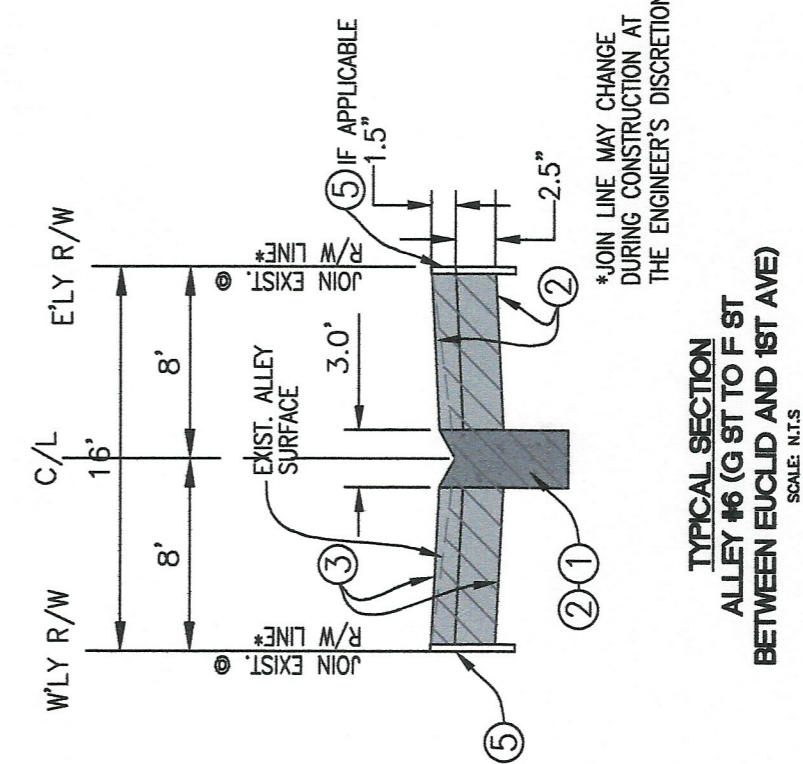
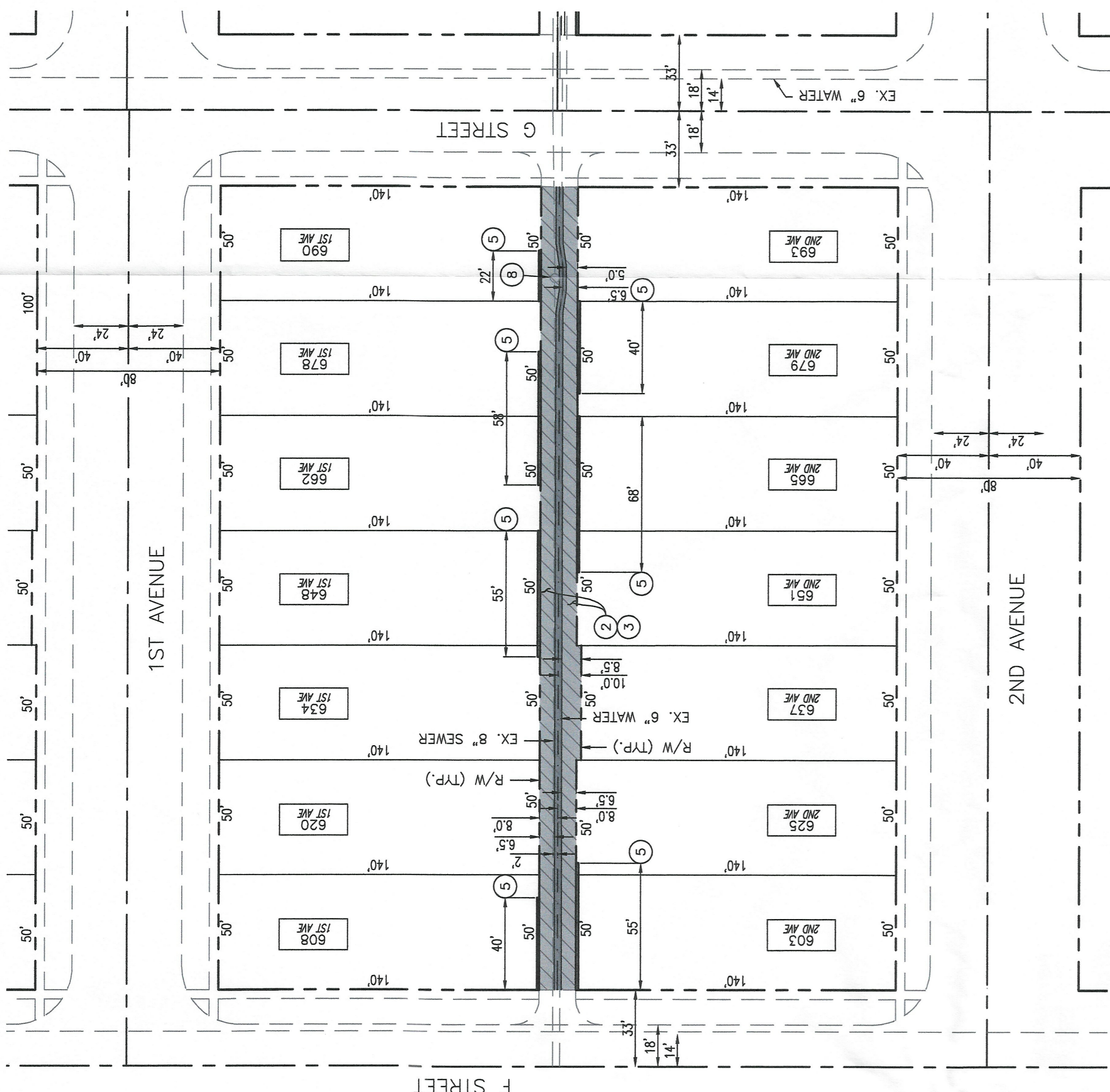


**PROFILE SCALE**  
VERT: 1 in = 4 ft  
HORZ: 1 in = 40 ft

110  
105  
100  
95  
90

110  
105  
100  
95  
90





**CONSTRUCTION NOTES**

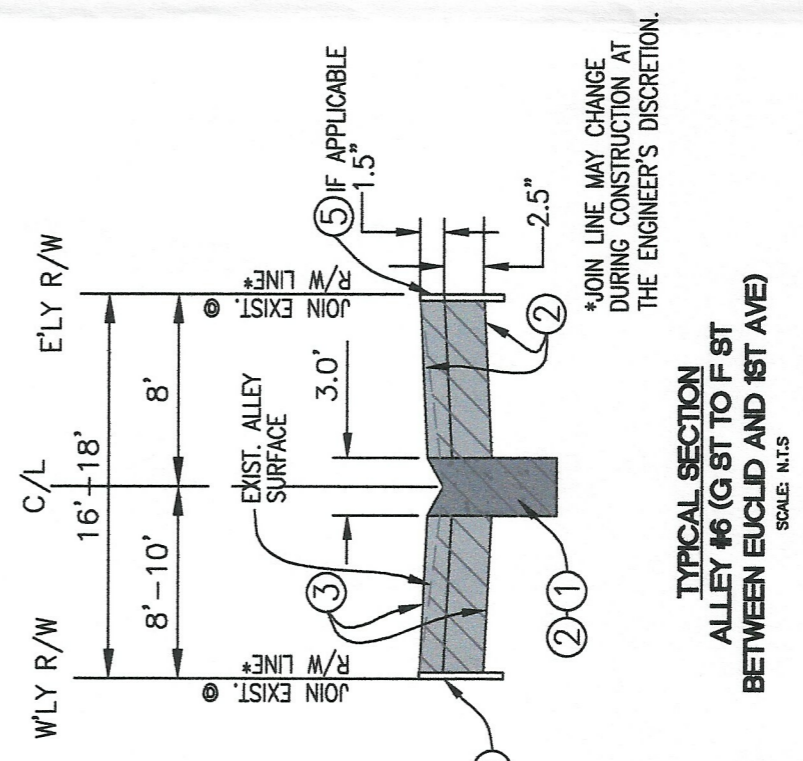
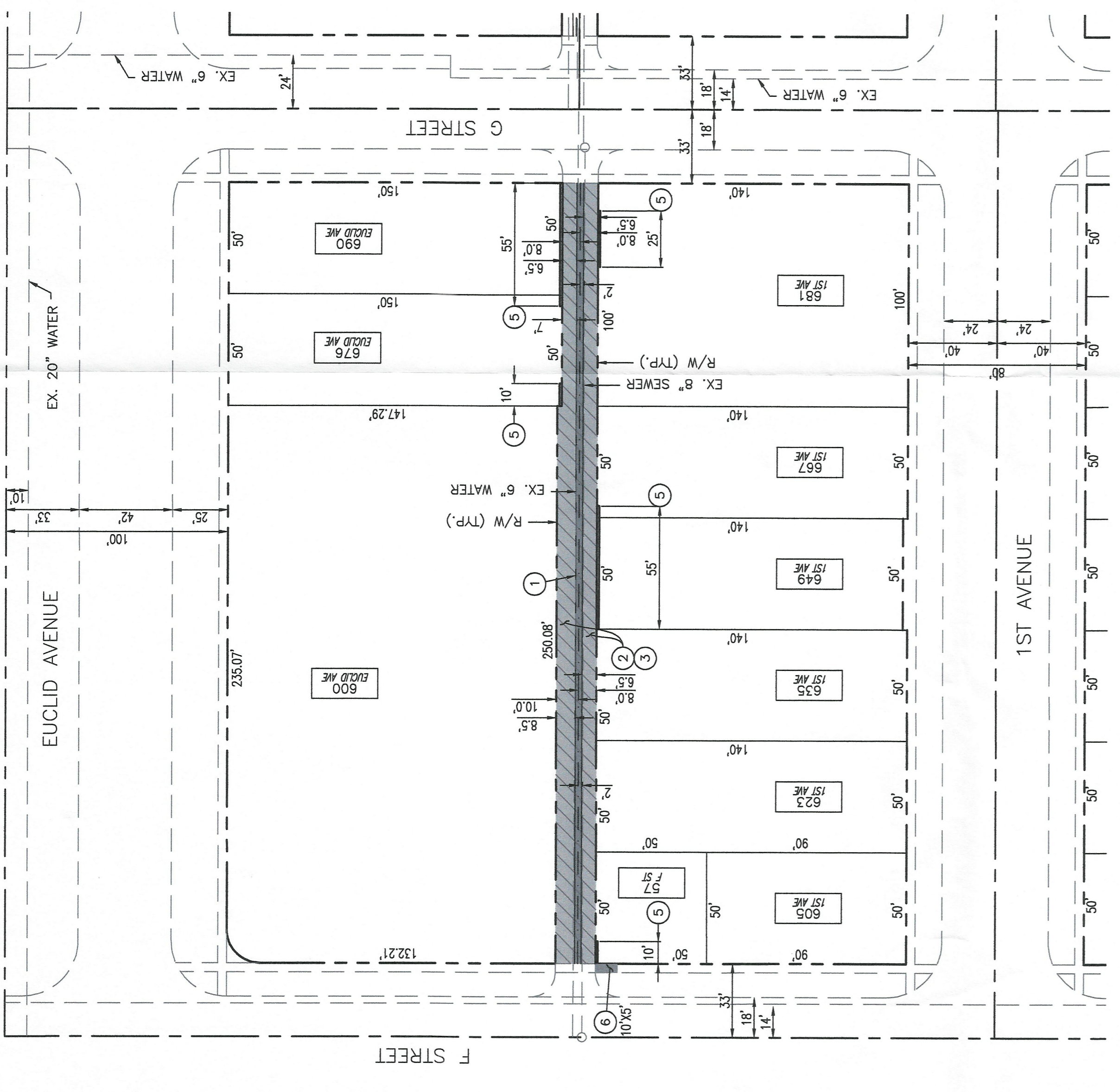
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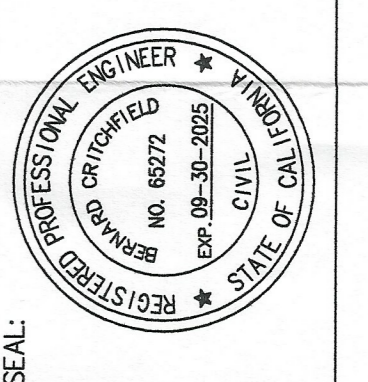
SCALE: 1"=40'



CITY OF UPLAND  
PROJECT NO. 16160: ARPA ALLEY REHABILITATION  
PHASE 2  
ALLEY #6 AND #7

APPROVED BY: *[Signature]*  
DATE: 9/15/24  
ENGINEERING MANAGER  
R.C.E. 655272 EXP. DATE 09-30-2025  
RECOMMENDED BY:  
DEVELOPMENT SERVICES

DRAWN BY: [Blank]  
DESIGNED BY: SN  
CHECKED BY: SN  
RECOMMENDED BY: BC



PLANS PREPARED BY  
CITY OF UPLAND DEPARTMENT  
PUBLIC WORKS  
1370 N. BENSON AVENUE  
UPLAND, CA 91785  
(909) 291-2930 PHONE  
(909) 291-2974 FAX



MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

**BENCHMARK:**  
FOUND BOLT IN CURB 1' SOUTH OF  
SOUTHWEST CORNER OF ARROW ROUTE  
AND THE NORTHBORND LINES OF  
EUCLID AVE. (SBD CO. BM 01686)  
ELEVATION = 1256.442

