

CONSTRUCTION PLANS FOR SANITARY SEWERS

LA SIERRA COMMUNITY SERVICES DISTRICT

RIVERSIDE COUNTY, CALIFORNIA.

NOVEMBER 1956

BOYLE ENGINEERING
771 SPURGEON BUILDING,
SANTA ANA, CALIFORNIA.

ESTIMATED QUANTITIES

18" V.C.P. SEWER MAIN	1,026			1,026	LIN. FT.
15" V.C.P. SEWER MAIN	706			471	LIN. FT.
12" V.C.P. SEWER MAIN	1,911			1,546	LIN. FT.
10" V.C.P. SEWER MAIN	2,308	3,607	706	4,388	LIN. FT.
8" V.C.P. EXTRA STR. SEWER MAIN	910		810	1,870	LIN. FT.
8" V.C.P. SEWER MAIN	46,587	25,941	22,652	120,947	LIN. FT.
STANDARD MANHOLES (419)	970	646	670	2,710	VER. FT.
DROP MANHOLES (11)	90	39	8	73	VER. FT.
STANDARD CLEANOUTS (61)	127		86	385	VER. FT.
6" V.C.P. CHIMNEYS	66		29	81	VER. FT.
6" V.C.P. HOUSE CONNECTION	75		25	50	LIN. FT.
4" V.C.P. HOUSE CONNECTION	15,540	9,565	8,975	39,505	LIN. FT.
14" STEEL ENCASEMENT				10	LIN. FT.
18" STEEL ENCASEMENT				10	LIN. FT.
CONCRETE ENCASEMENT	30	90		140	LIN. FT.
8" ASBESTOS CEMENT SEWER PIPE			26	26	LIN. FT.

SCHEDULE "A" SCHEDULE "B" SCHEDULE "C" SCHEDULE "D" SCHEDULE "E"

SCHEDULE "E" COMPRISES TOTALS OF SCHEDULES A, B, C & D

DIRECTORS OF THE DISTRICT

K. F. AMBS, PRESIDENT
GEORGE ALLEN
WILLIAM LIGHTFELDT
KEITH RICH
RICHARD SEIDLER

REVISED: JUNE, 1957

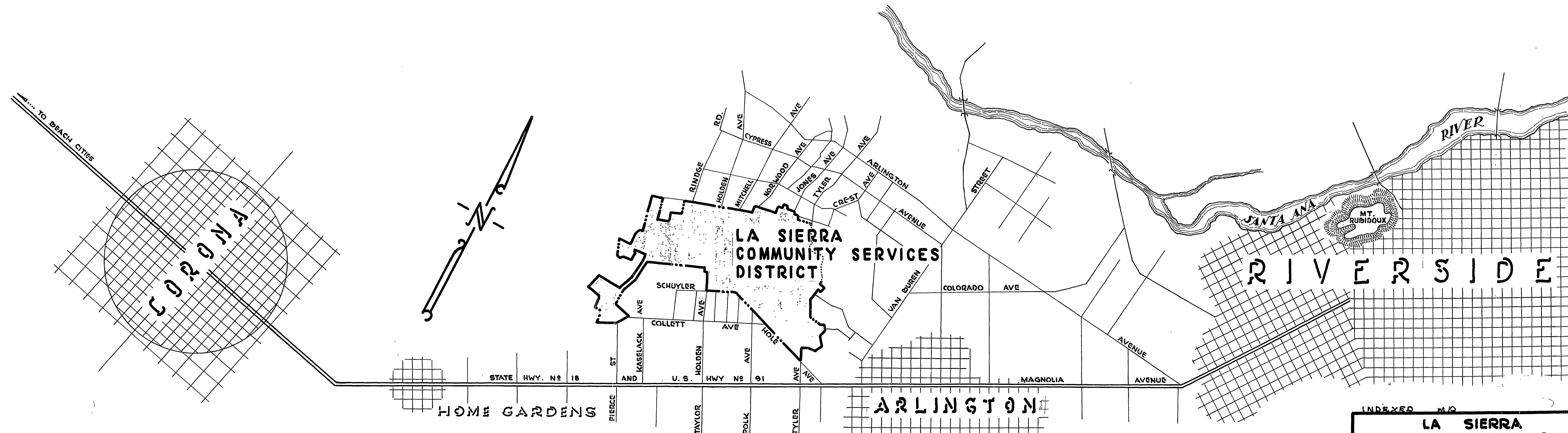
APPROVALS

APPROVED BY THE LA SIERRA COMMUNITY SERVICES DISTRICT
THIS 11th DAY OF NOVEMBER, 1956.

APPROVED AS REVISED THIS DAY OF _____, 1957.

APPROVED BY %

APPROVED AS REVISED:



VICINITY MAP

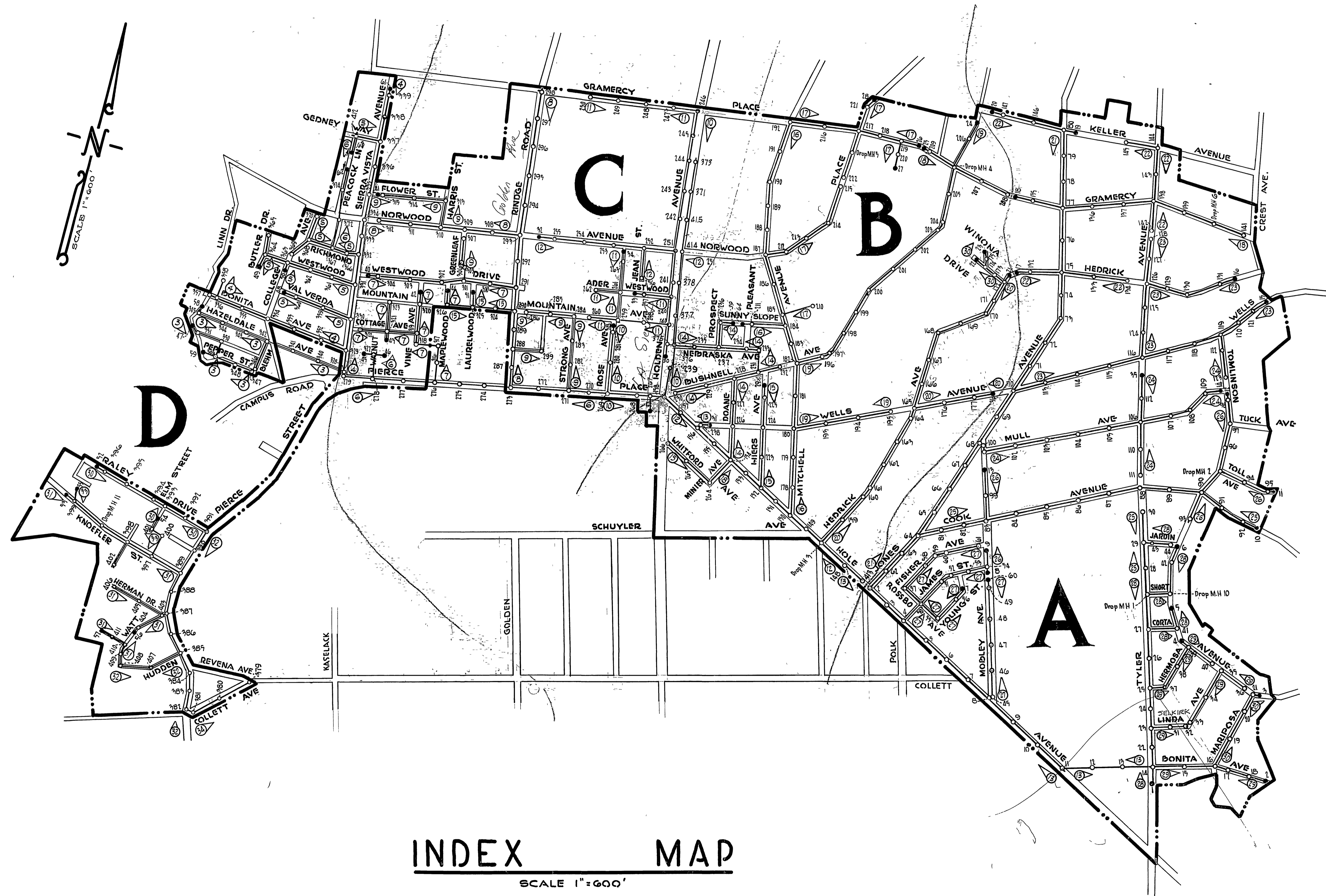
NO SCALE

"AS BUILT" AUG. 1960

INDEXED MAP	
LA SIERRA COMMUNITY SERVICES DIST.	
RIVERSIDE COUNTY, CALIFORNIA.	
VICINITY MAP, QUANTITIES AND APPROVALS.	SHEET NO 1 OF 34 SHEETS.

LA SIERRA COMMUNITY SERVICES DISTRICT

RIVERSIDE COUNTY, CALIFORNIA.



LEGEND

1. LA SIERRA COMMUNITY SERVICE DISTRICT BOUNDARY.....
 2. SEWER MAIN, MANHOLE & CLEANOUTS.....
 3. FORCE MAIN.....
 4. WYE BRANCH.....
 5. TEE BRANCH.....
 6. CHIMNEY.....
 7. SEWER ENCASEMENT.....
 8. SEWER HOUSE CONNECTION.....
 9. EXISTING CULTURE %.
- | | |
|------------------------------|-----------|
| (a) WATER MAIN..... | W |
| (b) GAS MAIN..... | G |
| (c) FENCES..... | K X X |
| (d) POWER AND TELEPHONE..... | OPP O T P |
| (e) BUILDING..... | ○ |
| (f) WATER HYDRANTS..... | OWH |
| (g) TREES..... | ⊗ ⊗ ⊗ |
10. SHEET NUMBERING SYSTEM ON INDEX MAP :
COLLECTION SYSTEM.....

NOTE :

THE LA SIERRA COMMUNITY SERVICES DISTRICT IS SERVED WITH THE FOLLOWING PUBLIC UTILITIES:

TWIN BUTTES WATER CO., 11072 HOLE AVE., LA SIERRA
 ARLINGTON MUTUAL WATER CO., 11072 HOLE AVE., LA SIERRA
 CITIZENS DOMESTIC WATER CO., 9999 MAGNOLIA AVE., ARLINGTON
 SO. CALIF. Edison CO.
 SO. CALIF. GAS CO.
 PACIFIC TEL. AND TEL. CO.

SEVERAL PRIVATE WATER SUPPLIES OPERATE WITHIN THE DISTRICT.

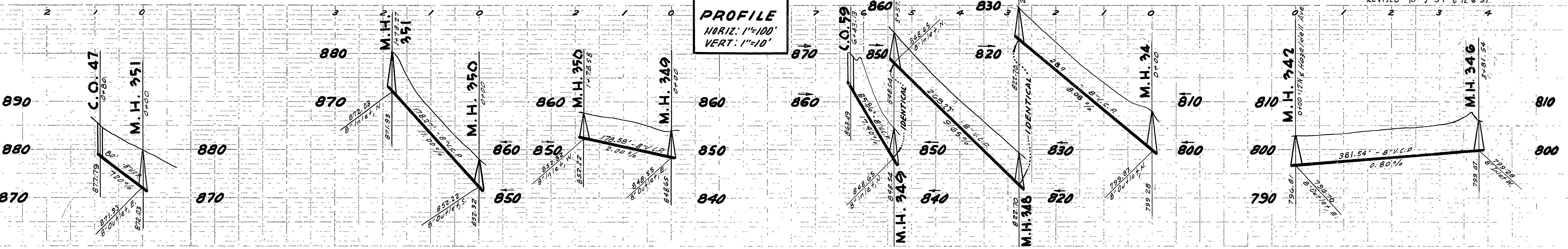
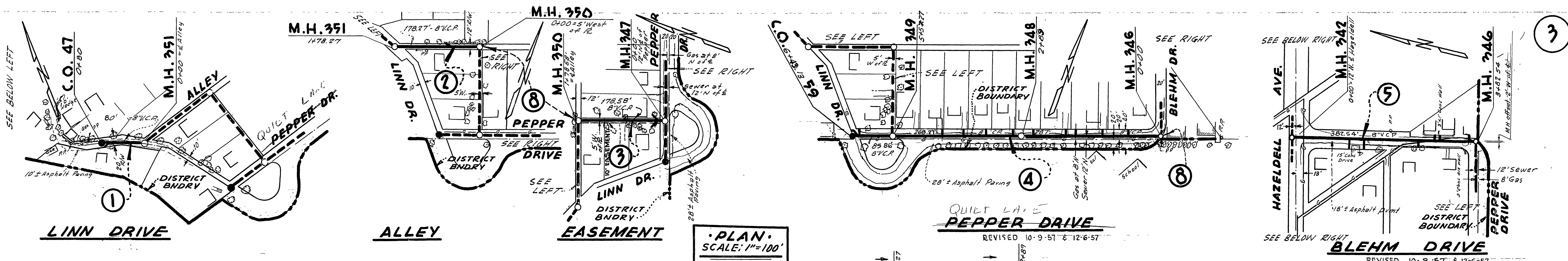
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES.

INDEX MAP

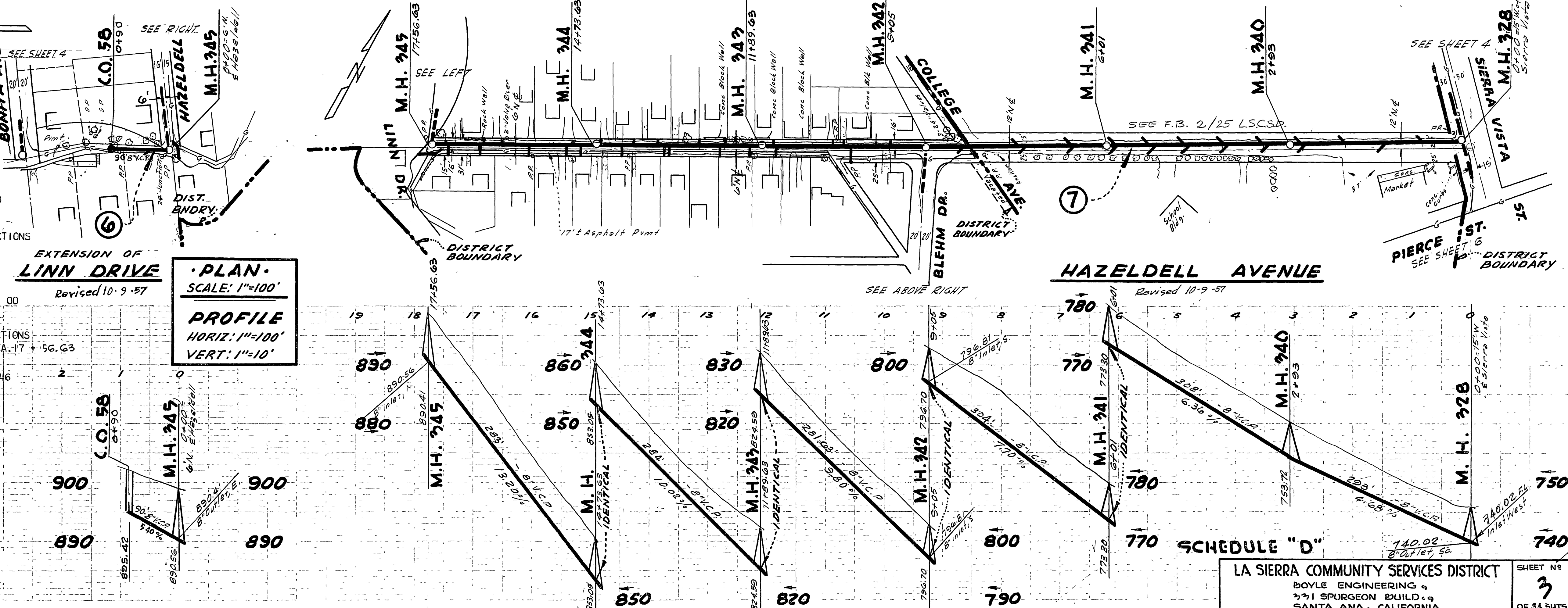
SCALE 1"=600'

LA SIERRA COMMUNITY SERVICES DIST. RIVERSIDE COUNTY, CALIFORNIA.	
INDEX MAP	SHEET No 2 OF 34 SHTS.

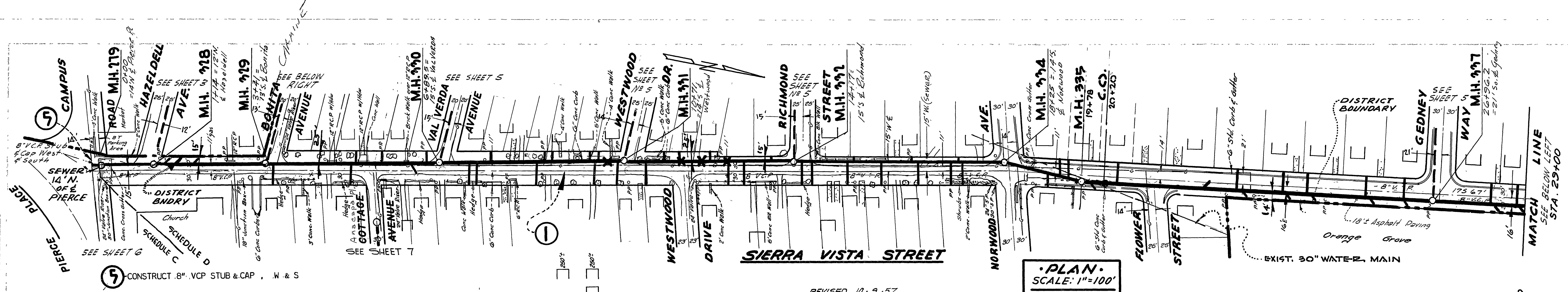
S-4975-418



- 1 CONSTRUCT 8" VCP SEWER, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #351 AT STA. 0 + 00 TO CLEANOUT #47 AT STA. 0 + 90.
- 2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #350 AT STA. 0 + 00 TO MANHOLE #351 AT STA. 1 + 78.27.
- 3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #349 AT STA. 0 + 00 TO MANHOLE #350 AT STA. 1 + 78.58.
- 4 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" HOUSE CONNECTIONS AND WYES FROM MANHOLE #347 AT STA. 0 + 00 TO CLEANOUT #59 AT STA. 6 + 23.13.
- 5 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #342 AT STA. 0 + 00 TO MANHOLE #347 AT STA. 3 + 90.82.
- 6 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #345 AT STA. 0 + 00 TO CLEANOUT #58 AT STA. 0 + 90.
- 7 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #328 AT STA. 0 + 00 TO MANHOLE #345 AT STA. 17 + 56.63.
- 8 INSTALL WATER-TIGHT MANHOLE FRAMES AND COVERS ON MANHOLE #346 AND MANHOLE # 350.

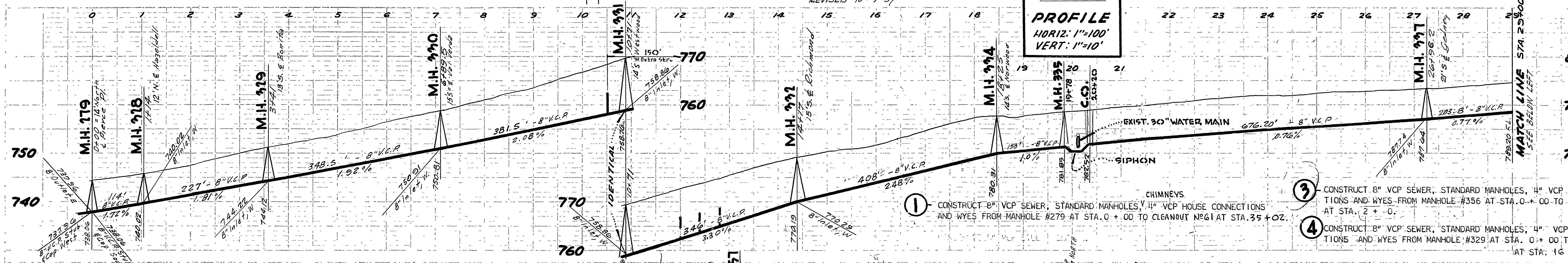


AS CONSTRUCTED

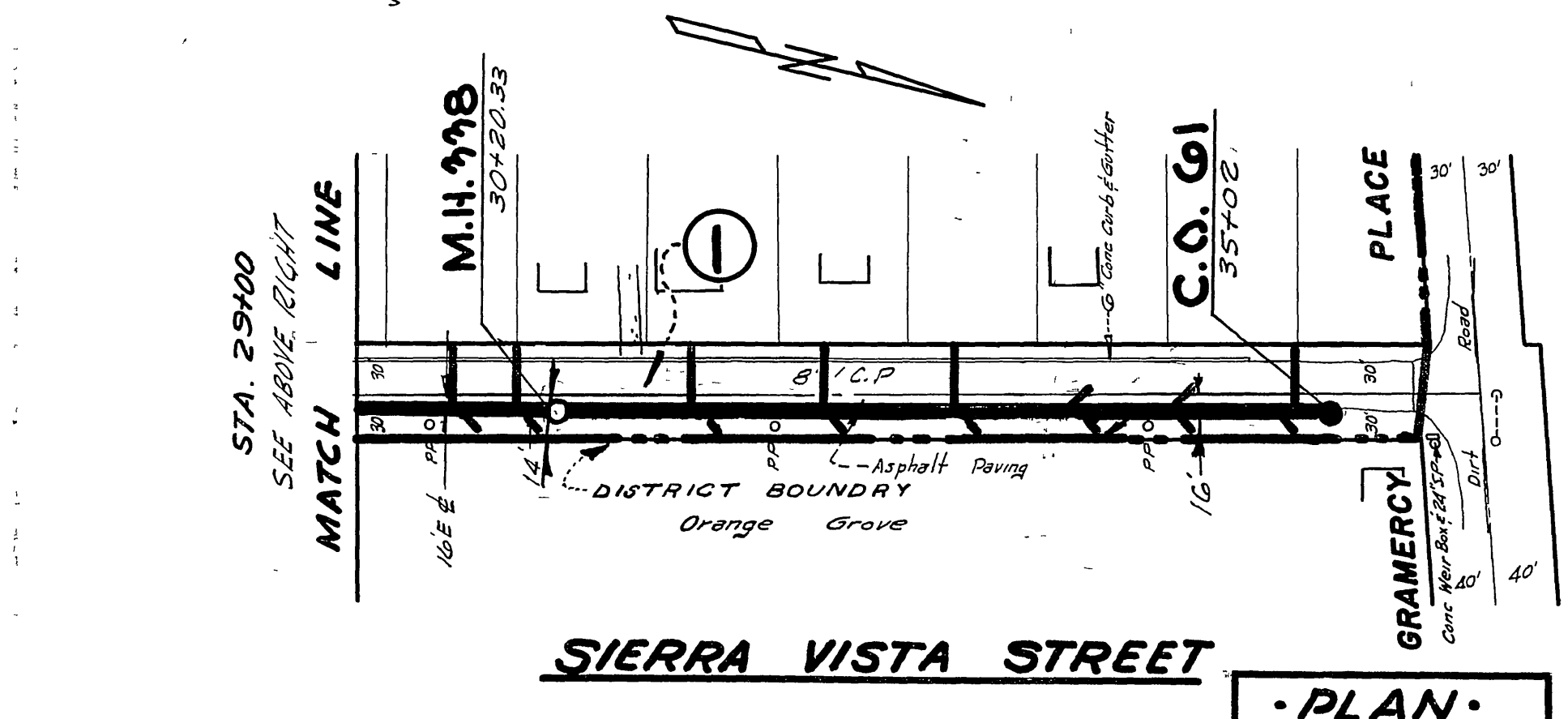


PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

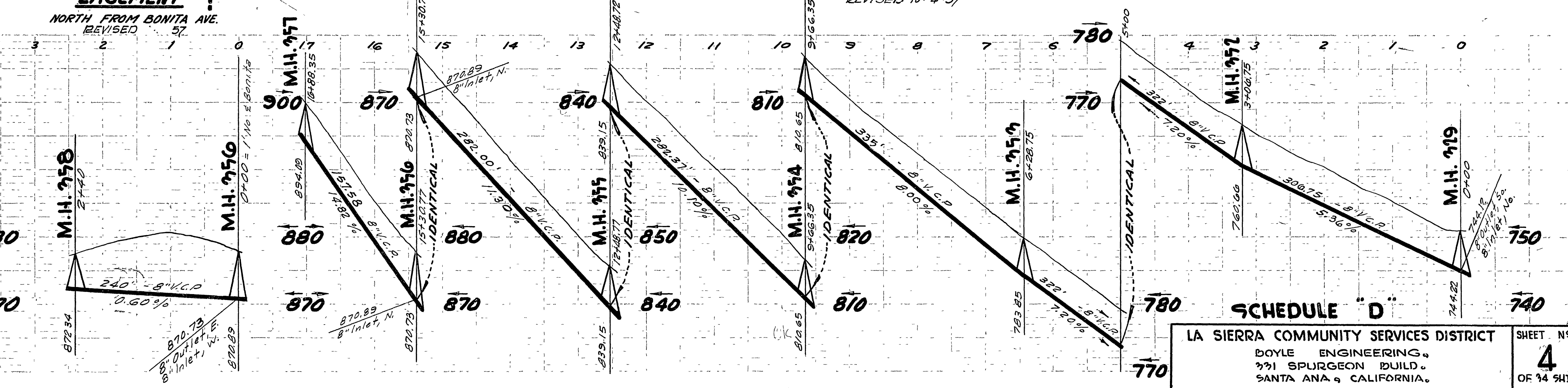
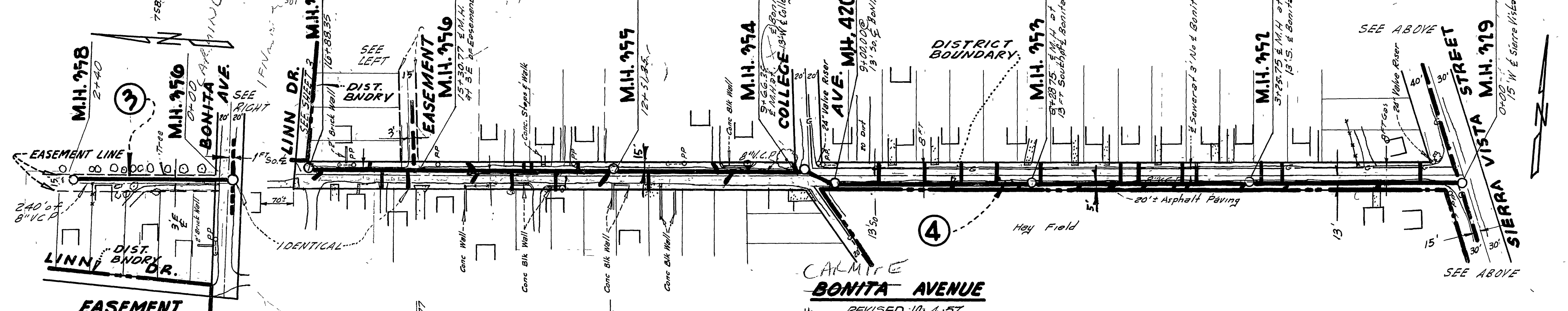
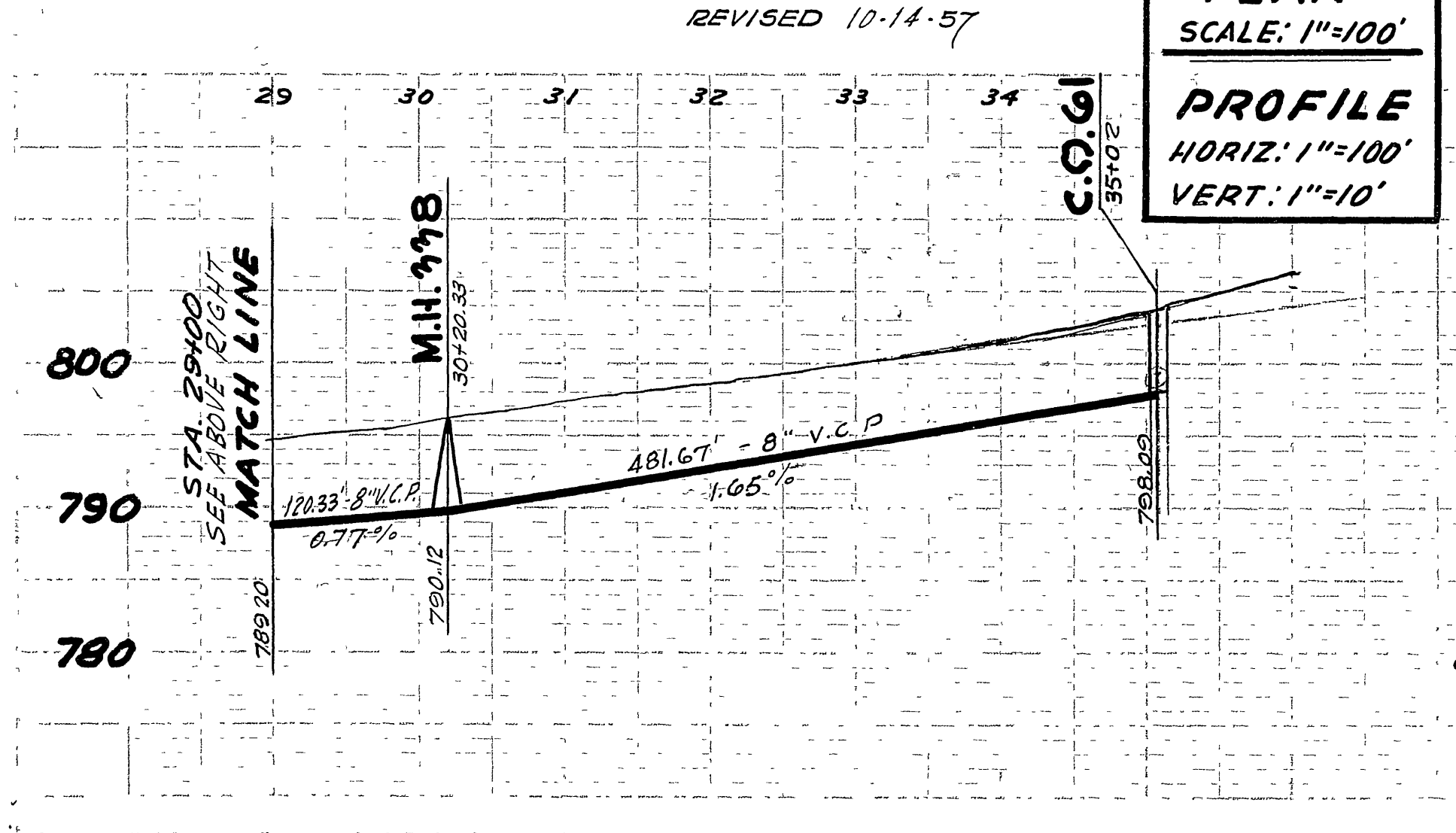


- 1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #279 AT STA. 0+00 TO CLEANOUT #61 AT STA. 35+02.
- 2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #356 AT STA. 0+00 TO MANHOLE #358 AT STA. 2+00.
- 3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #329 AT STA. 0+00 TO MANHOLE #357 AT STA. 16+88.35.



PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



SCHEDULE "D"

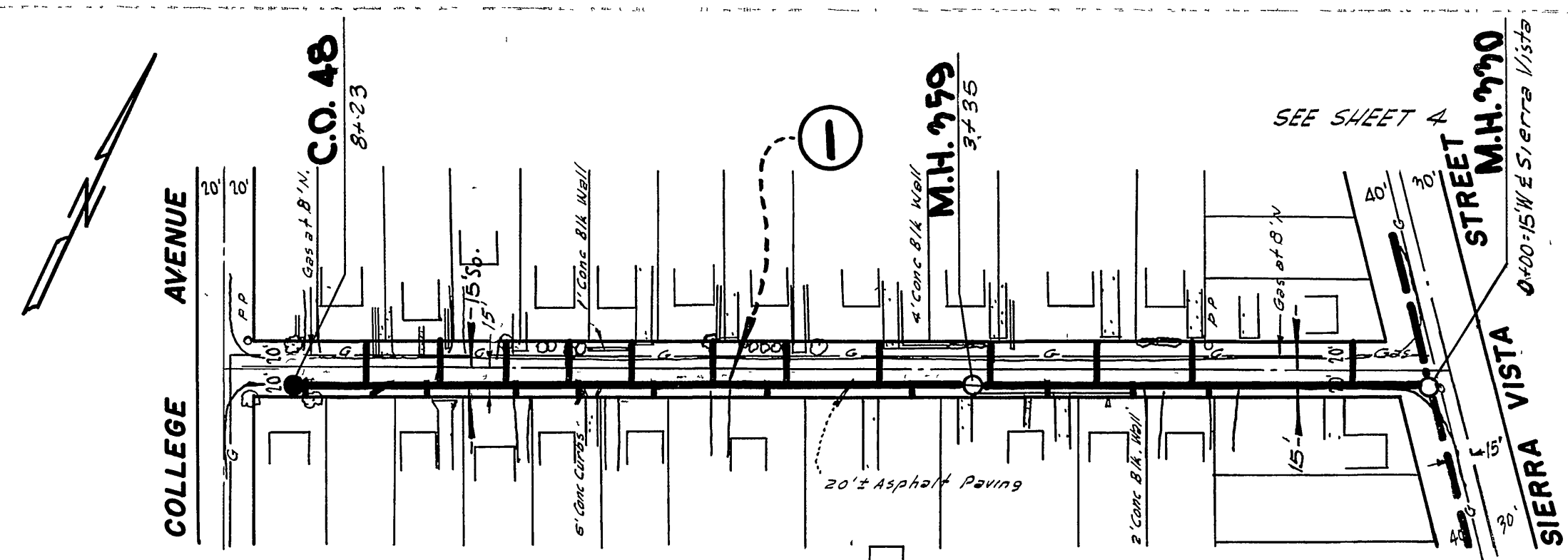
LA SIERRA COMMUNITY SERVICES DISTRICT

BOYLE ENGINEERING,
391 SPURGEON BUILD.,
SANTA ANA, CALIFORNIA.

SHEET NO
4
OF 14 SHEETS.

AS CONSTRUCTED

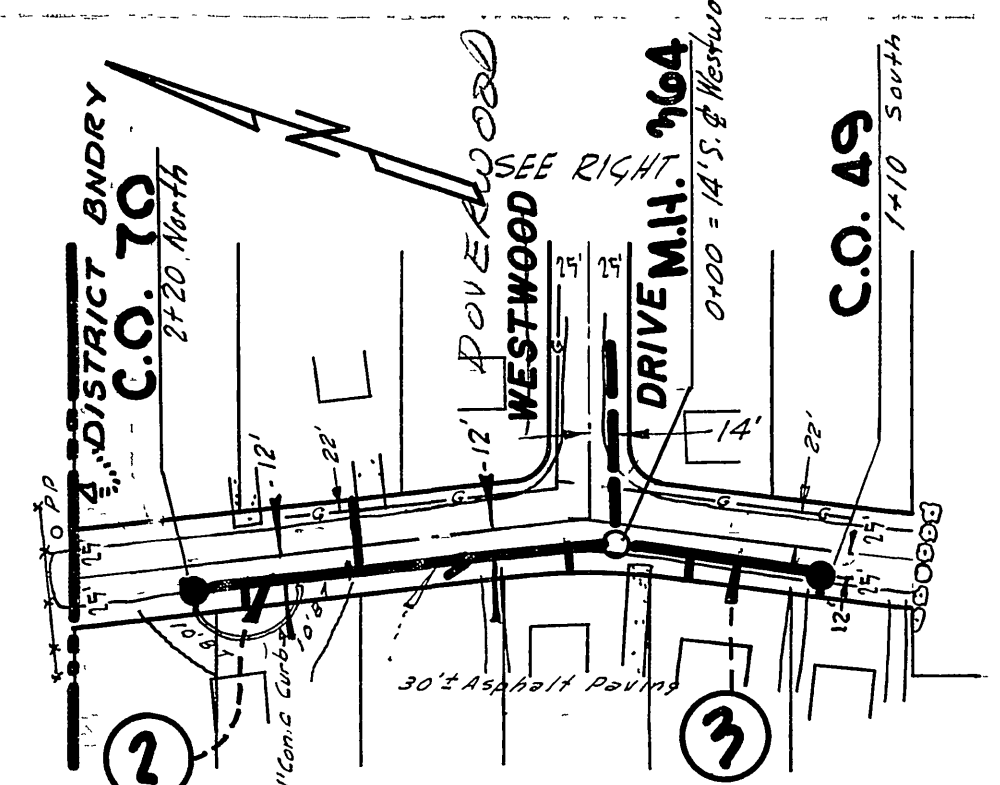
S-4974-418



REVISED 10-4-57

VAL VERDA AVENUE

1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #330 AT STA. 0 + 00 TO CLEANOUT #48 AT STA. 8 + 23.

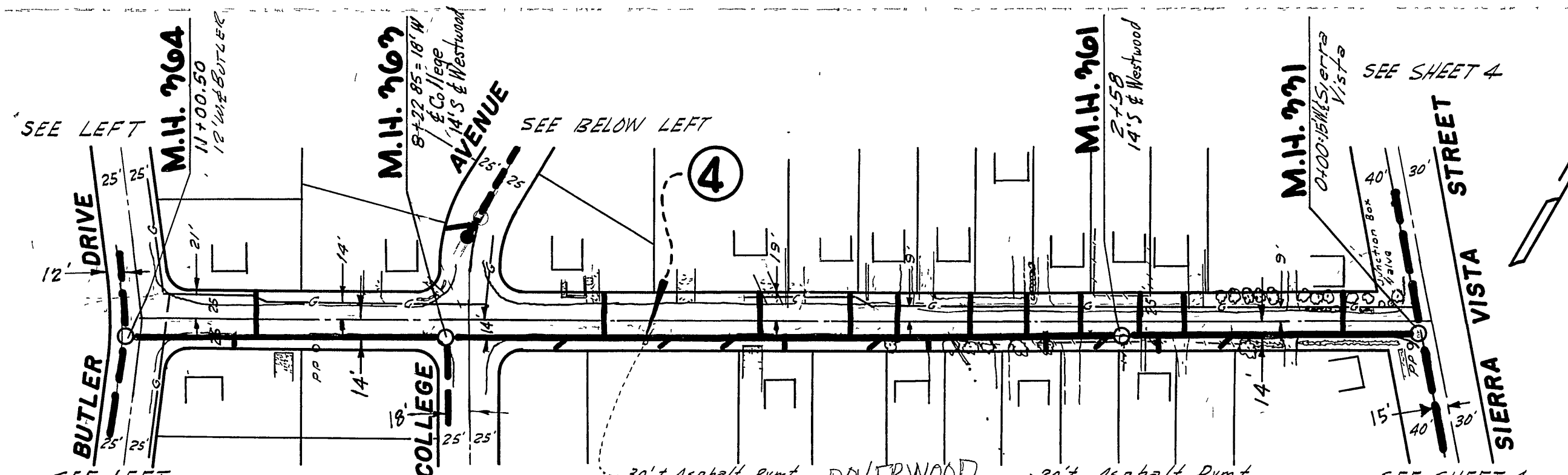


REVISED 10-11-57

BUTLER DRIVE

2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #364 AT STA. 0 + 00 TO CLEANOUT #70 AT STA. 2 + 20 NORTH.

3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #364 AT STA. 0 + 00 TO CLEANOUT #49 AT STA. 1 + 10 SOUTH.



REVISED 10-11-57

WESTWOOD DRIVE

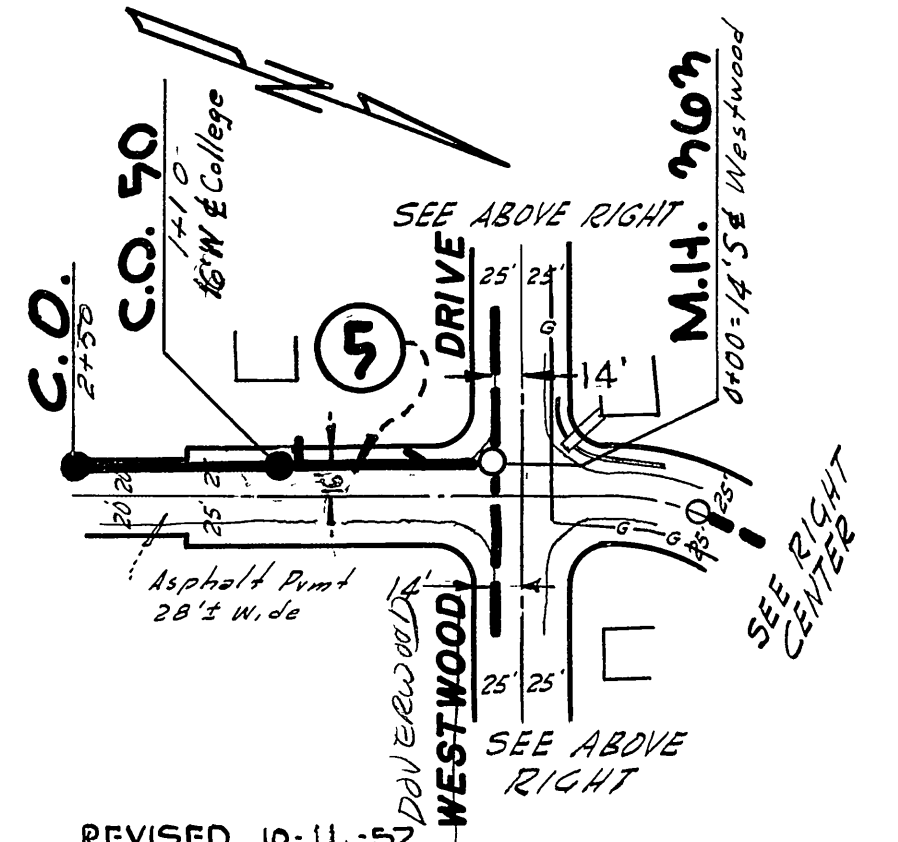
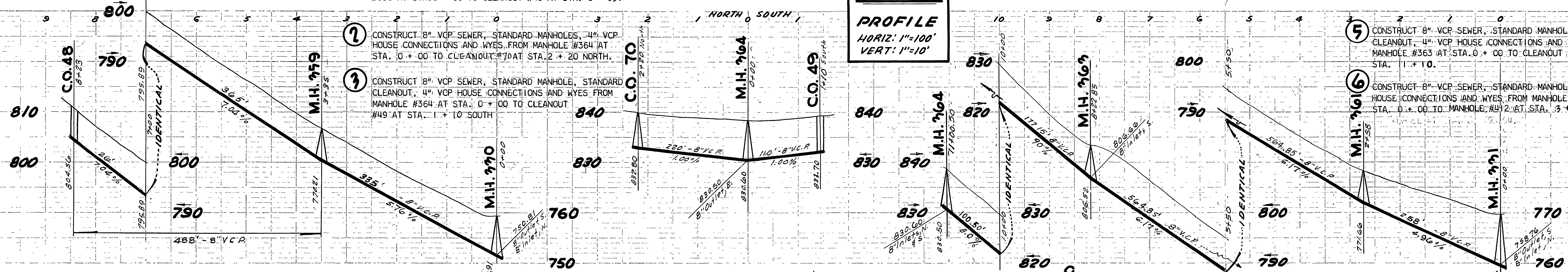
4 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #331 AT STA. 0 + 00 TO MANHOLE #364 AT STA. 11 + 00.50.

5 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #363 AT STA. 0 + 00 TO CLEANOUT #50 AT STA. 1 + 10.

6 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #337 AT STA. 0 + 00 TO MANHOLE #42 AT STA. 3 + 10.

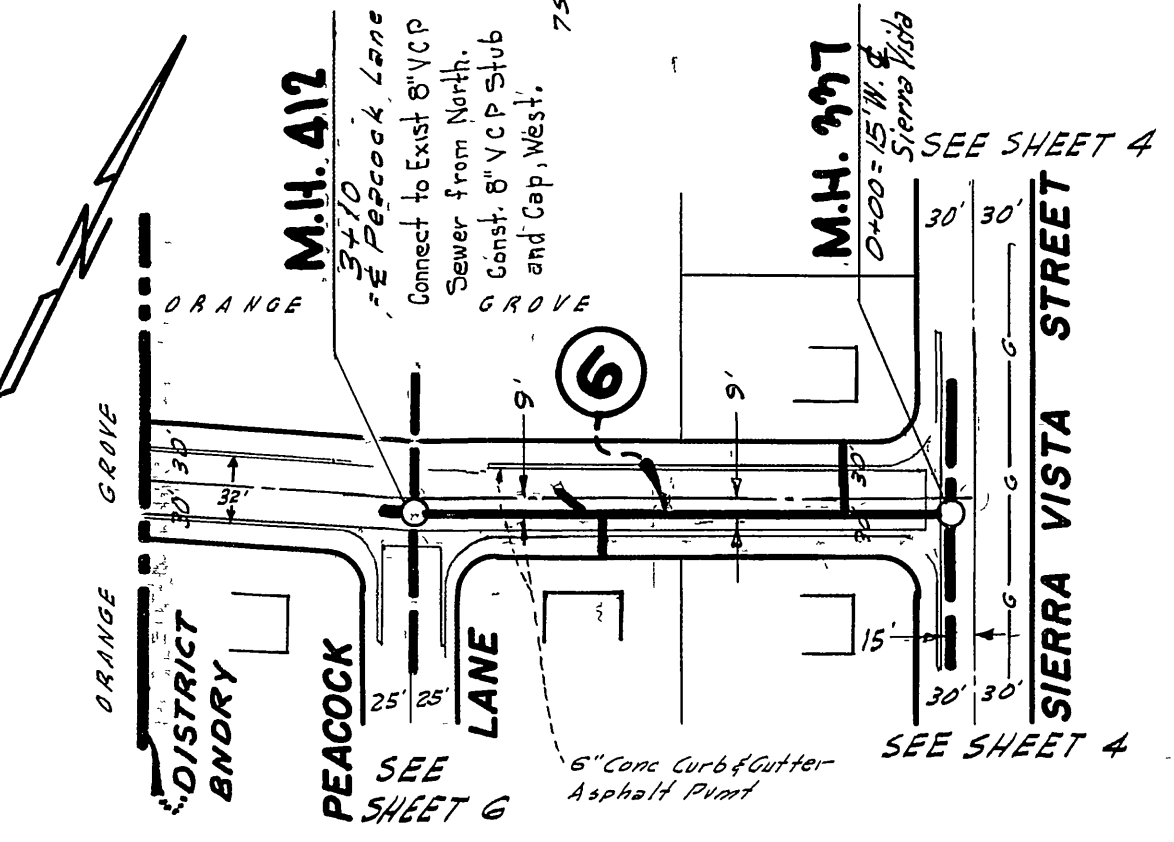
PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



REVISED 10-11-57

COLLEGE AVENUE

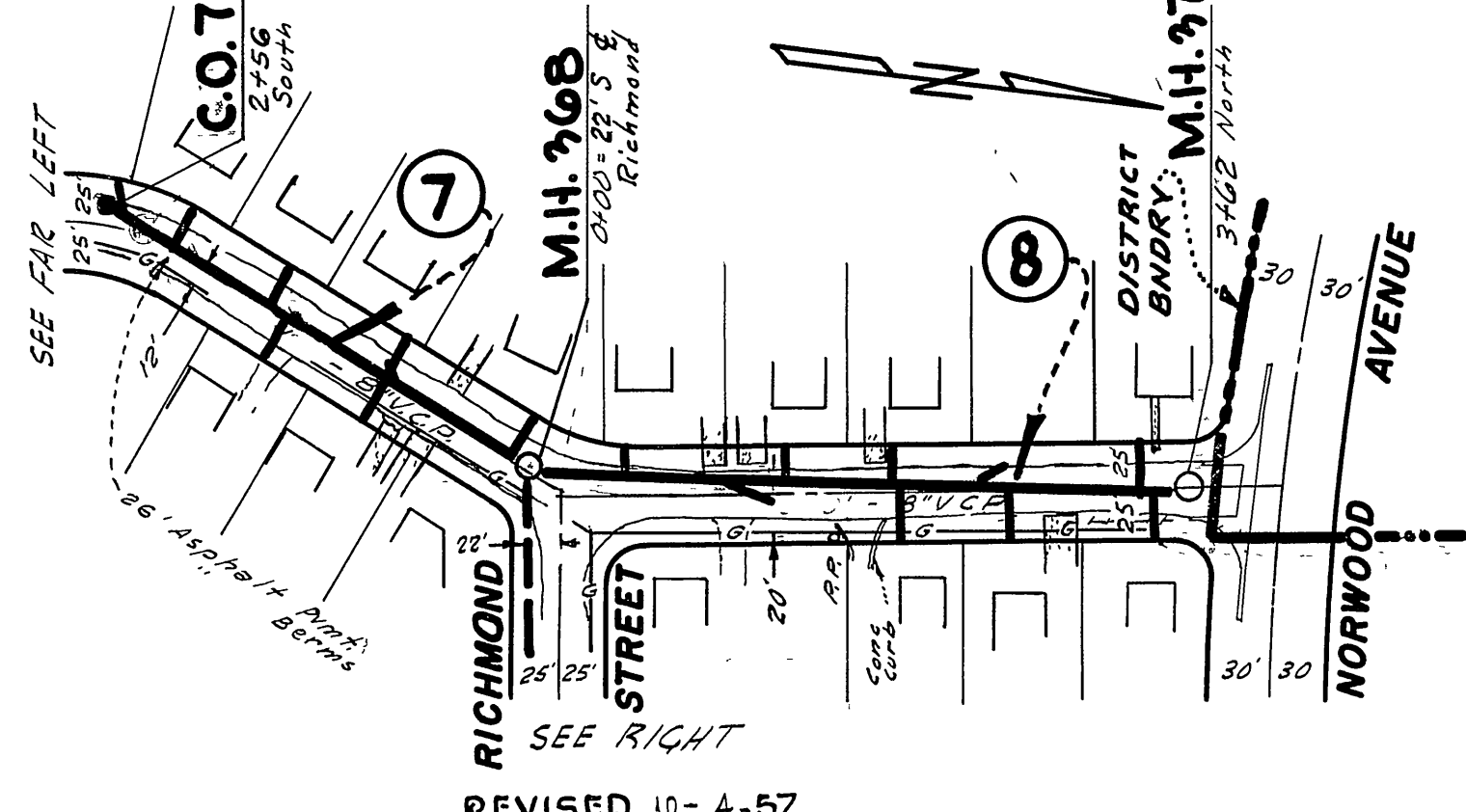
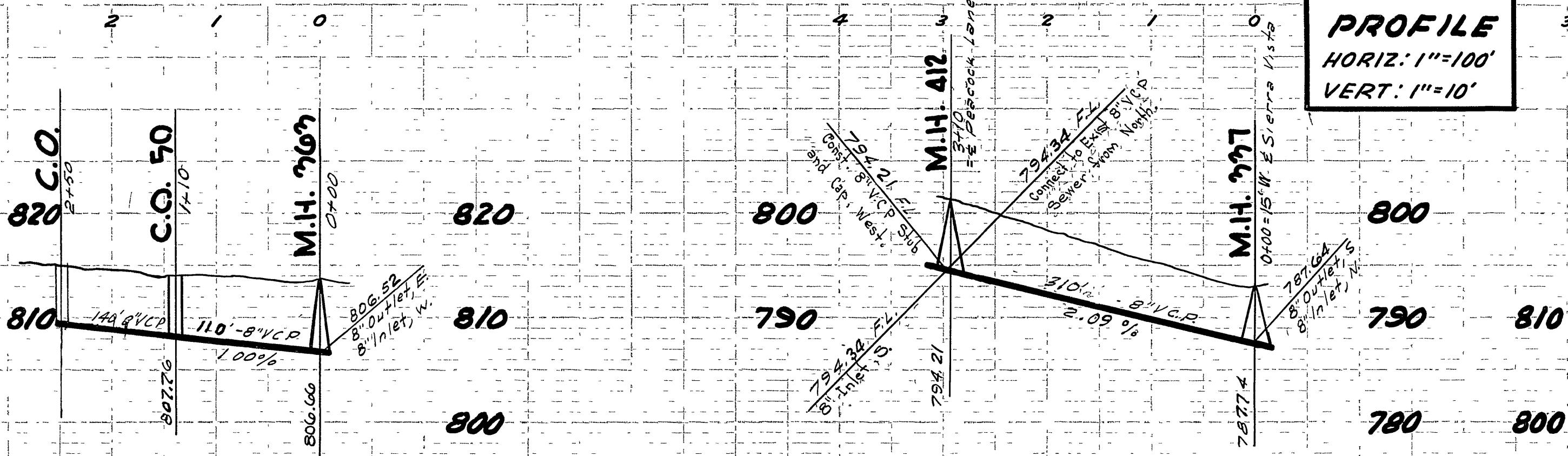


GEDNEY WAY

REVISED 10-11-57

PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



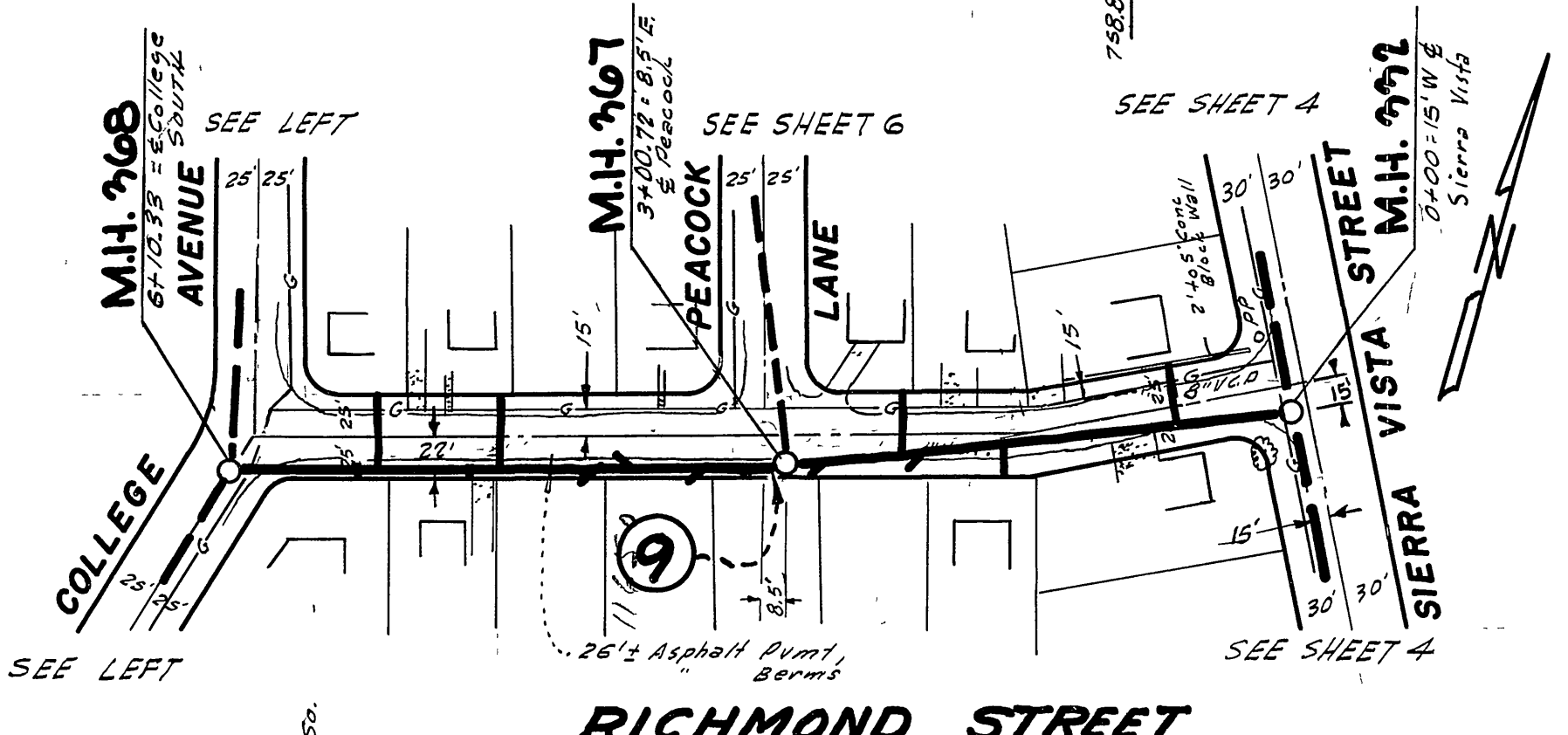
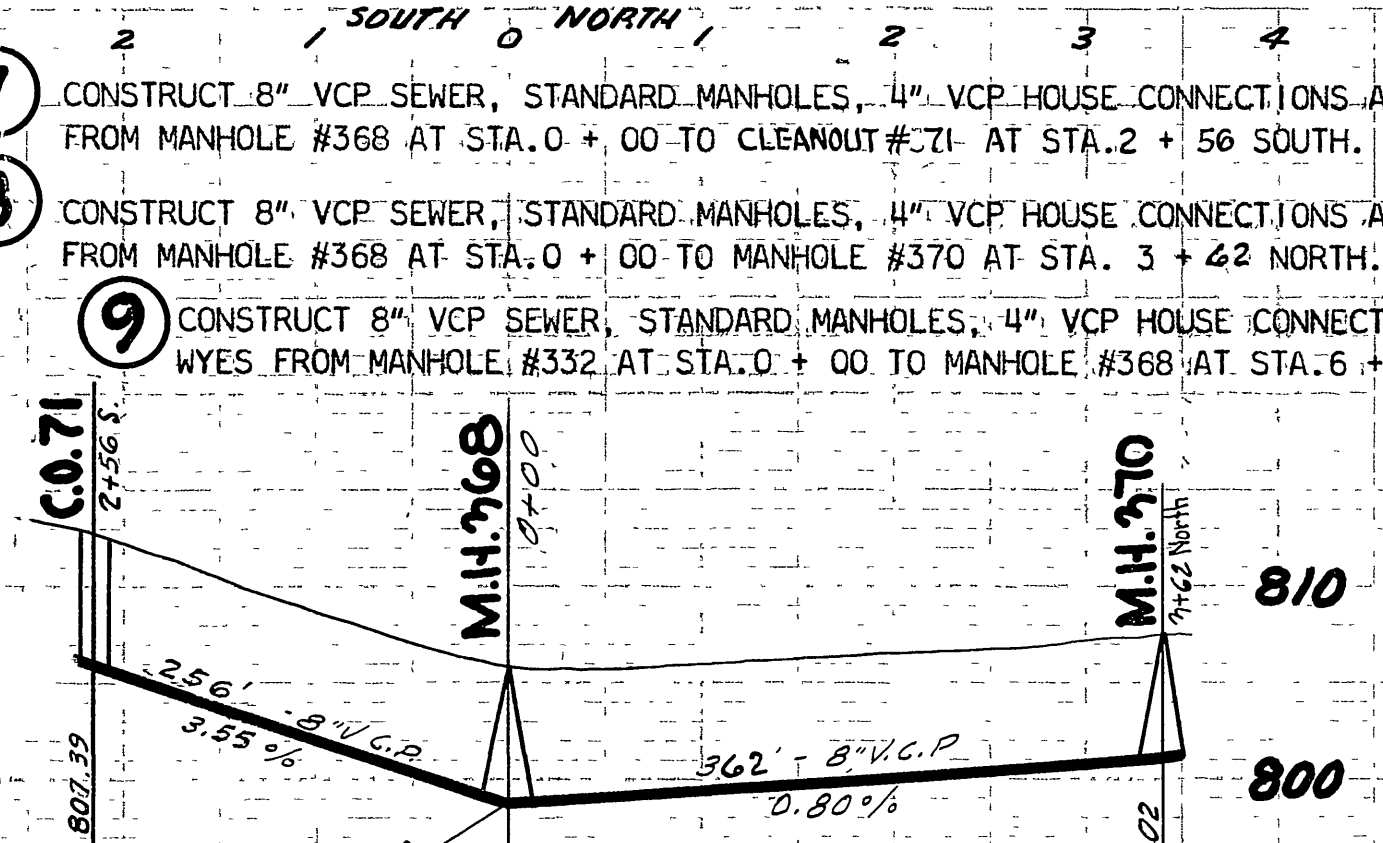
COLLEGE AVENUE

REVISED 10-4-57

7 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #368 AT STA. 0 + 00 TO CLEANOUT #71 AT STA. 2 + 56 SOUTH.

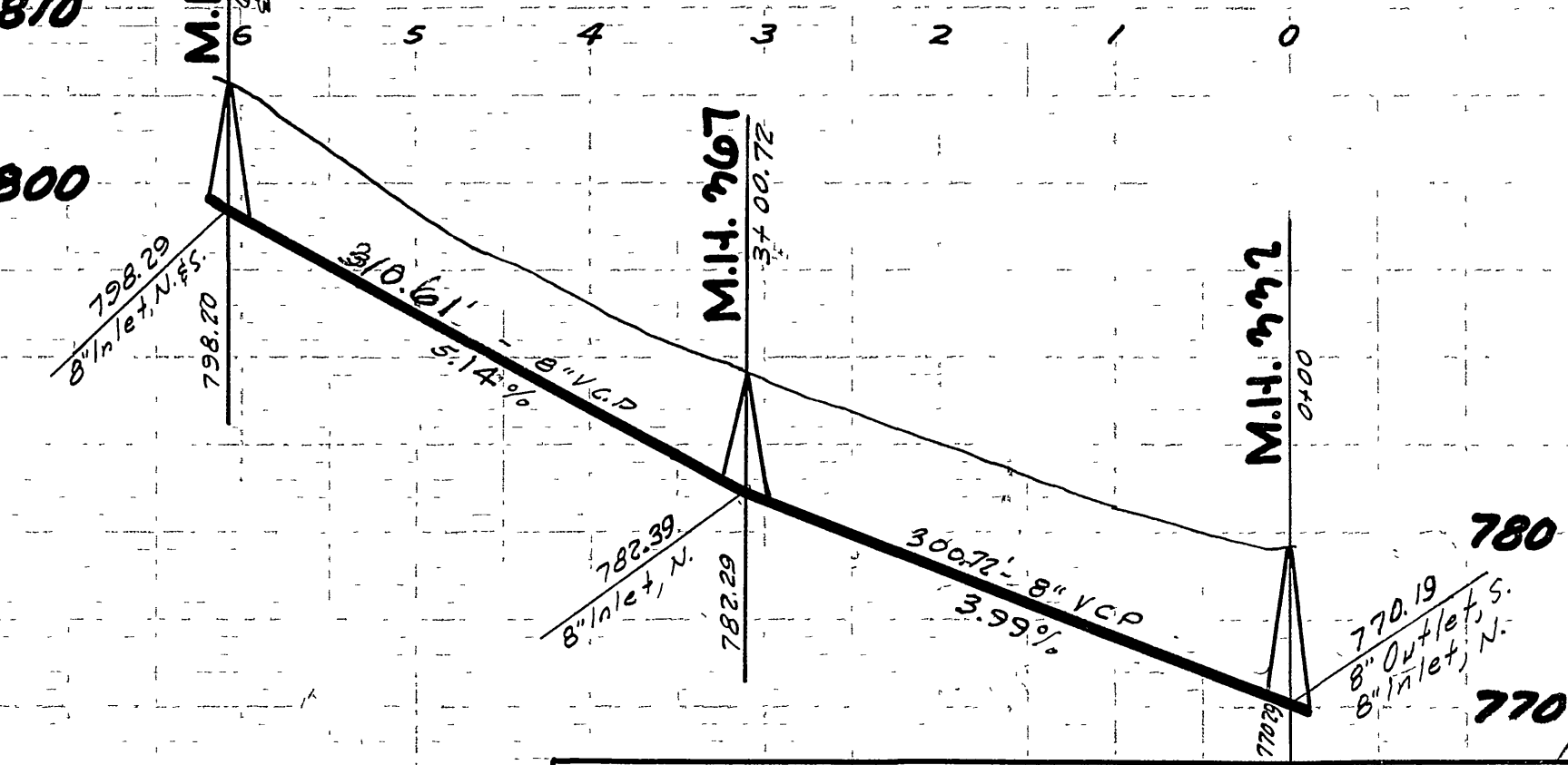
8 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #368 AT STA. 0 + 00 TO MANHOLE #370 AT STA. 3 + 42 NORTH.

9 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #332 AT STA. 0 + 00 TO MANHOLE #368 AT STA. 6 + 10.33.



RICHMOND STREET

REVISED 10-4-57

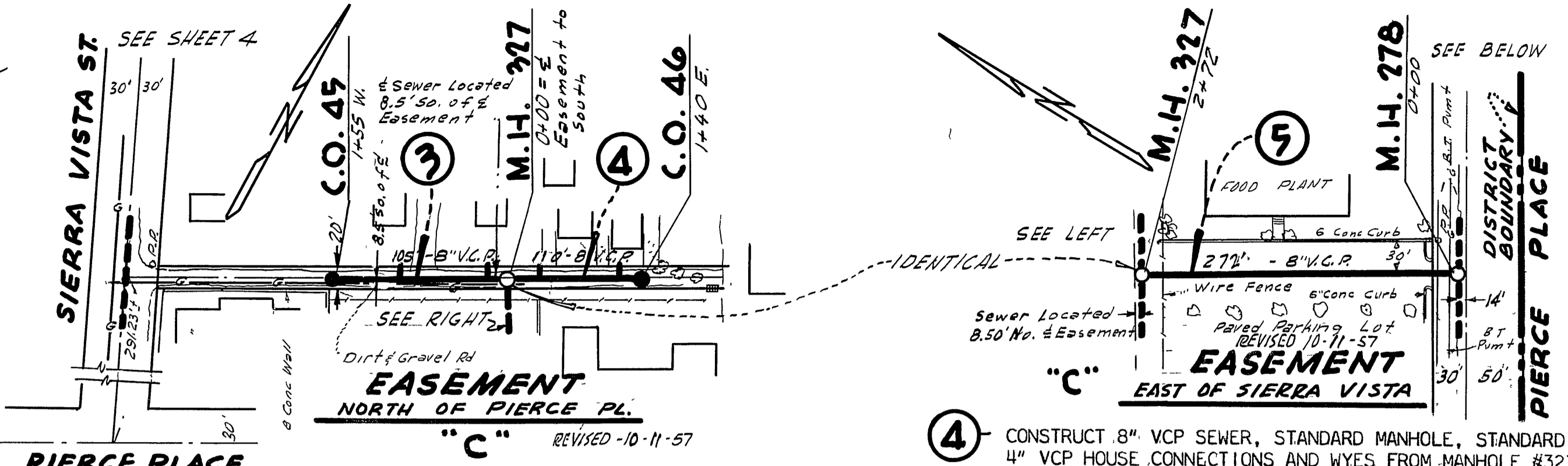
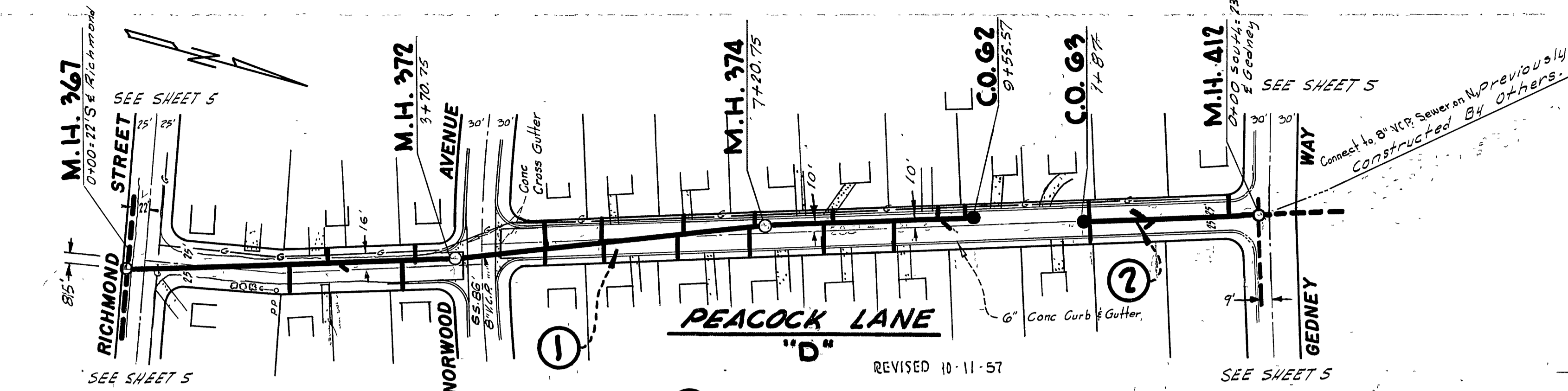


SCHEDULE "D"

LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
771 SPURGEON BUILDING
SANTA ANA, CALIFORNIA.

SHEET NO
5
OF 14 SHEETS.

S-497-418

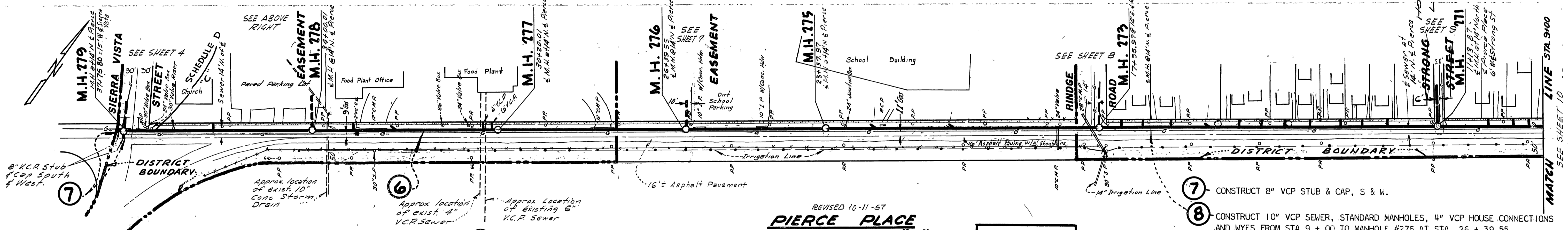
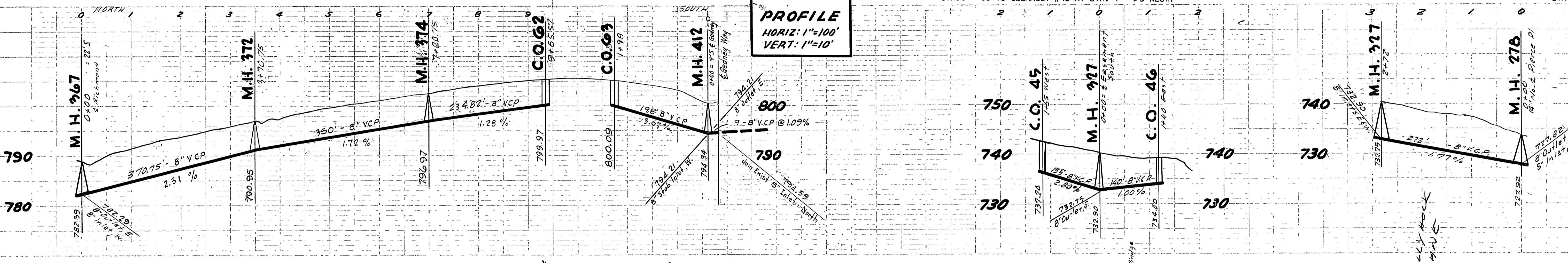


- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS, STD. CLEANOUTS, AND WYES FROM MANHOLE #367 AT STA. 0 + 00 TO CLEANOUT #62 AT STA. 9 + 55.57 NORTH
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, 4" VCP HOUSE CONNECTIONS, STD. CLEANOUTS, AND WYES FROM MANHOLE #412 AT STA. 0 + 00 TO CLEANOUT #63 AT STA. 1 + 48.7 SOUTH & 1 STA. 2 + 80 SOUTH.

- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS, AND WYES FROM MANHOLE #327 AT STA. 0 + 00 TO CLEANOUT #45 AT STA. 1 + 55 WEST.
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #327 AT STA. 0 + 00 TO CLEANOUT #46 AT STA. 1 + 10 EAST.
- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #278 AT STA. 0 + 00 TO MANHOLE #327 AT STA. 2 + 13.

PLAN
SCALE: 1"=100'

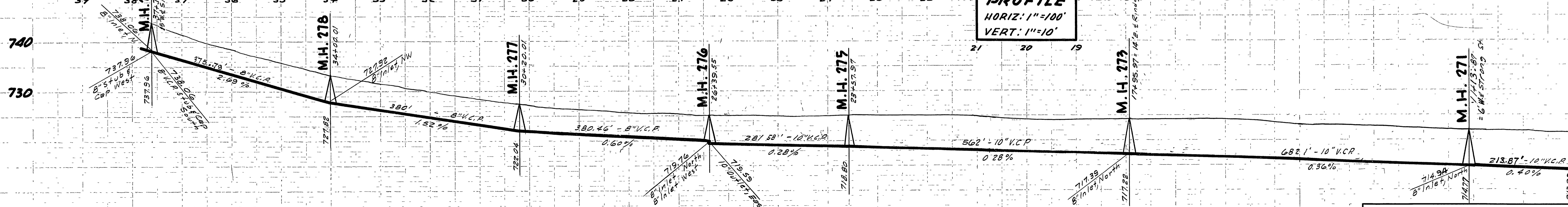
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



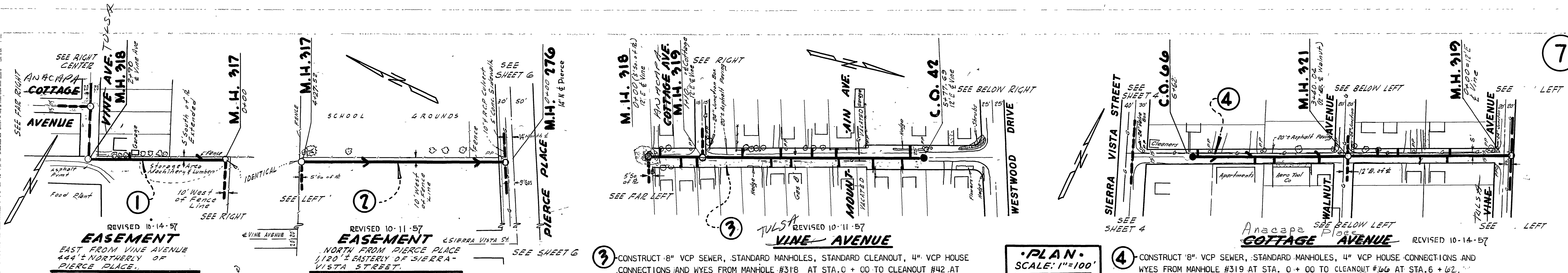
- ⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #276 AT STA. 26 + 39.55 TO MANHOLE #279 AT STA. 37 + 75.80.
- ⑦ CONSTRUCT 8" VCP STUB & CAP, S & W.
- ⑧ CONSTRUCT 10" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM STA. 9 + 00 TO MANHOLE #276 AT STA. 26 + 39.55.

PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

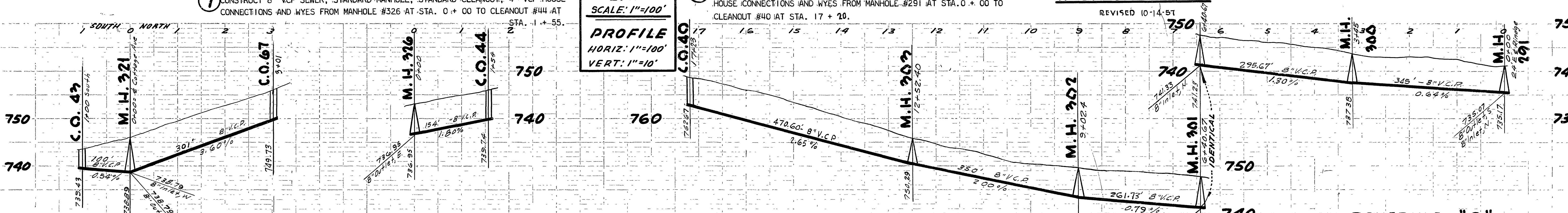
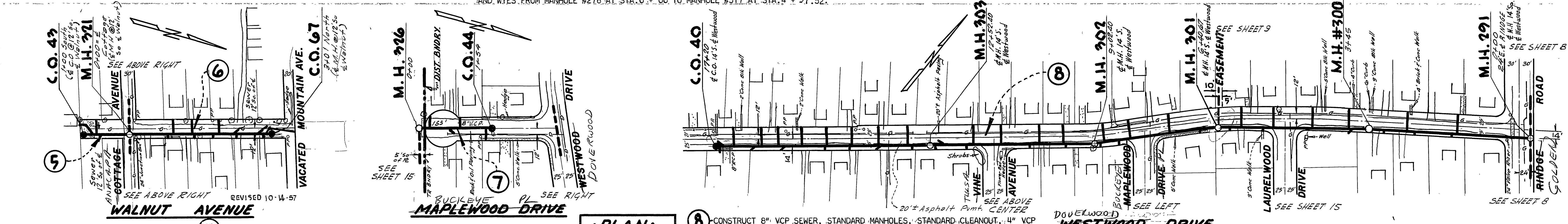
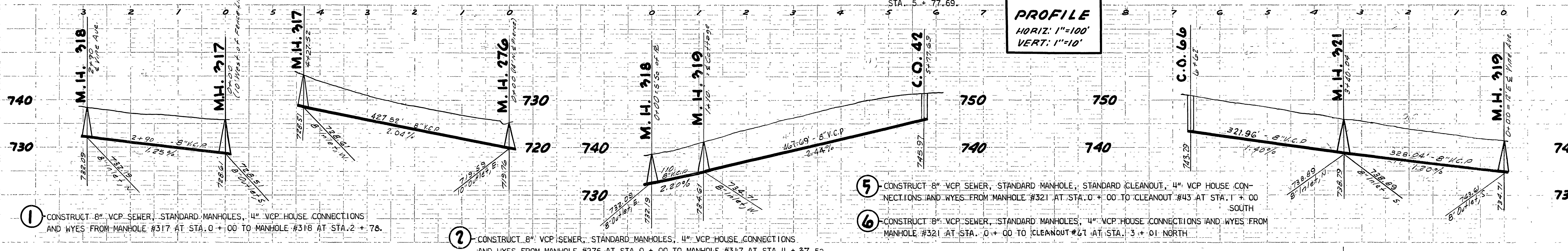


Pierce Man change to Street 10 S-497-418



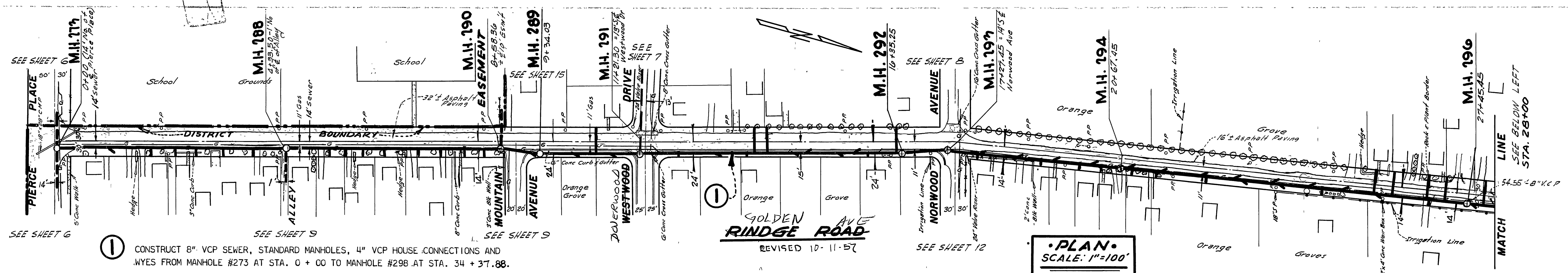
PLAN SCALE: 1"=100'

PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



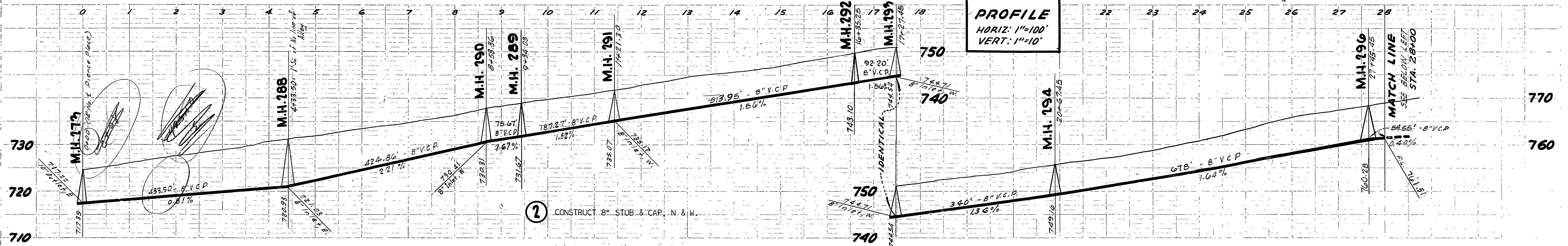
SCHEDULE "C"	
LA SIERRA COMMUNITY SERVICES DISTRICT	SHEET NO
BOYLE ENGINEERING	7
331 SPURGEON BUILDING	OF 34 SHEETS
SANTA ANA, CALIFORNIA	

S-4970-418

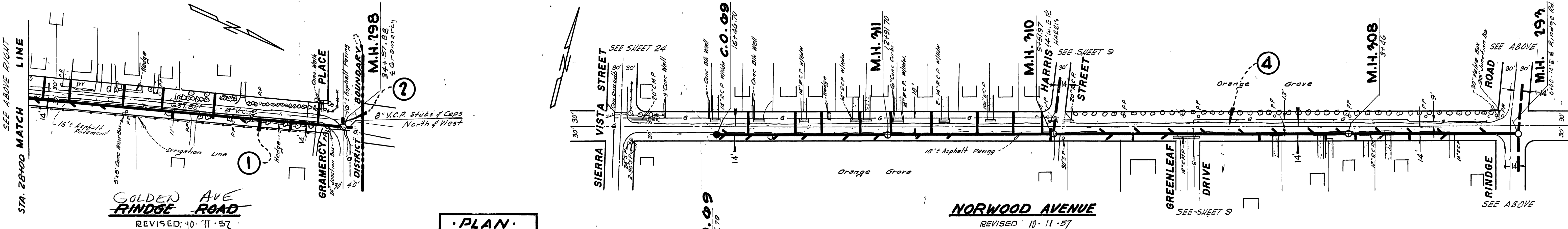


① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #273 AT STA. 0 + 00 TO MANHOLE #298 AT STA. 34 + 37.88.

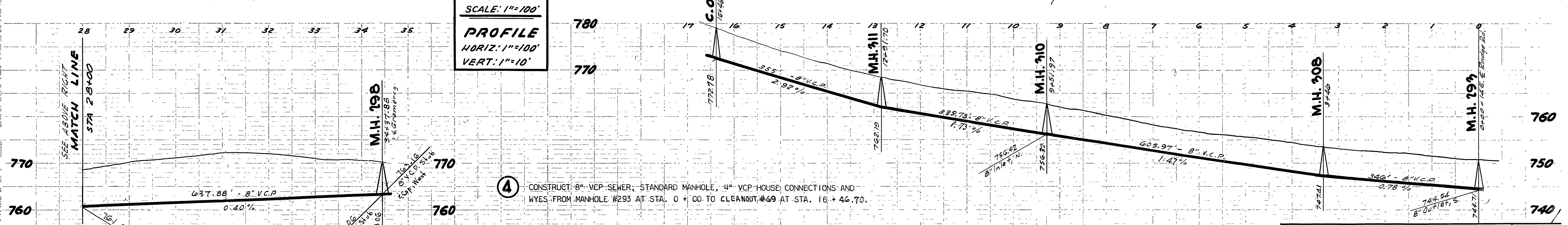
• PLAN •
SCALE: 1"=100'
• PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



② CONSTRUCT 8" STUB & CAP, N. & W.



• PLAN •
SCALE: 1"=100'
• PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

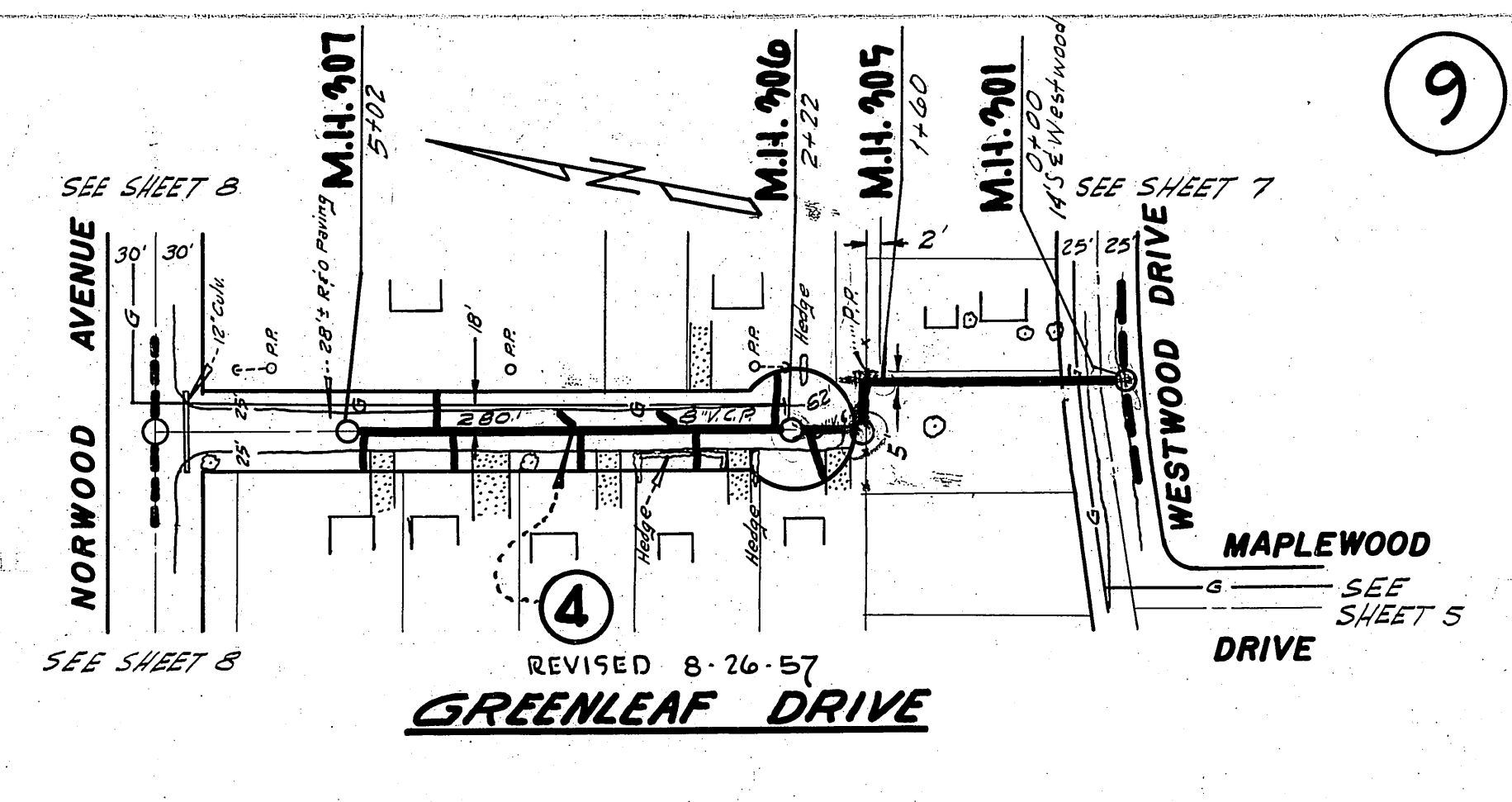
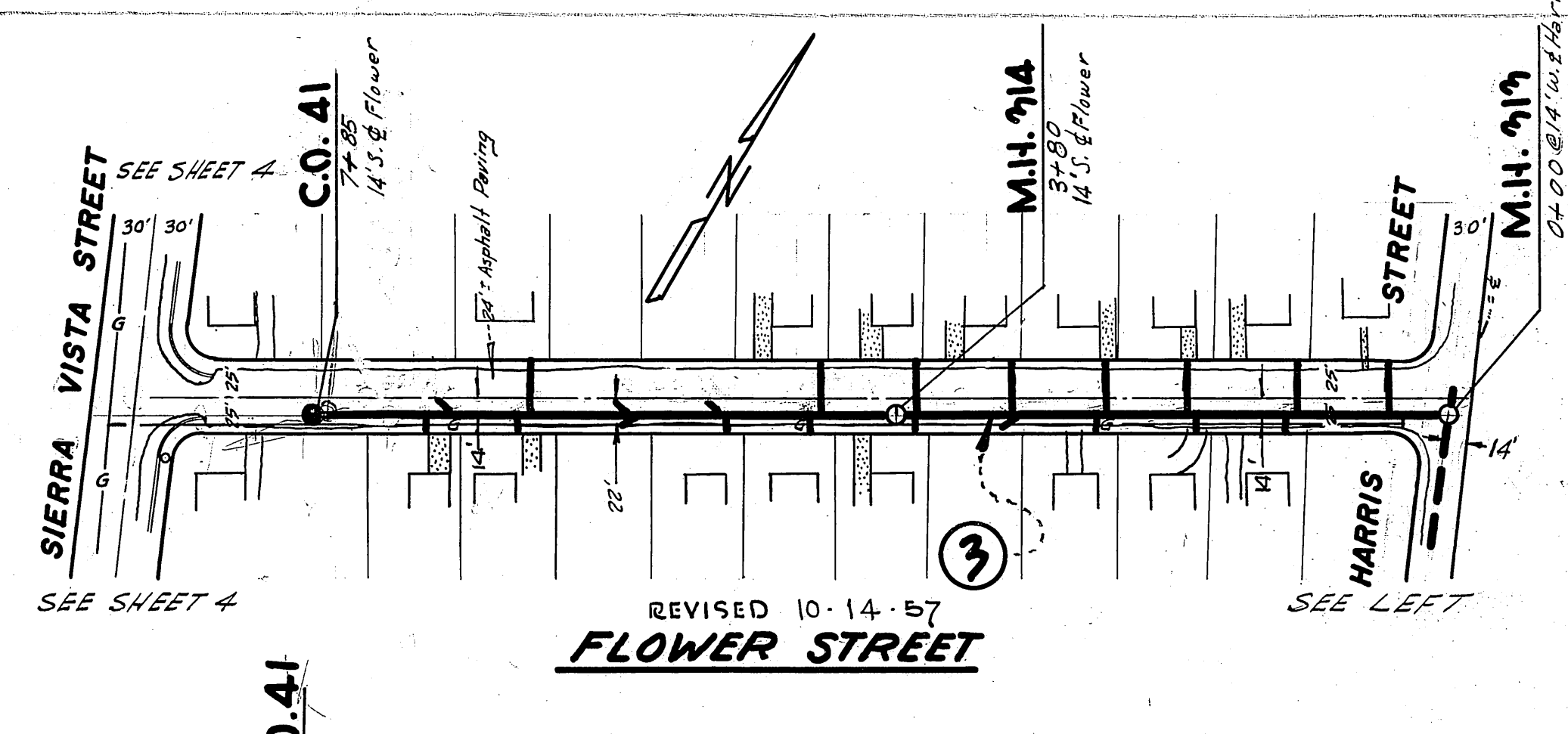
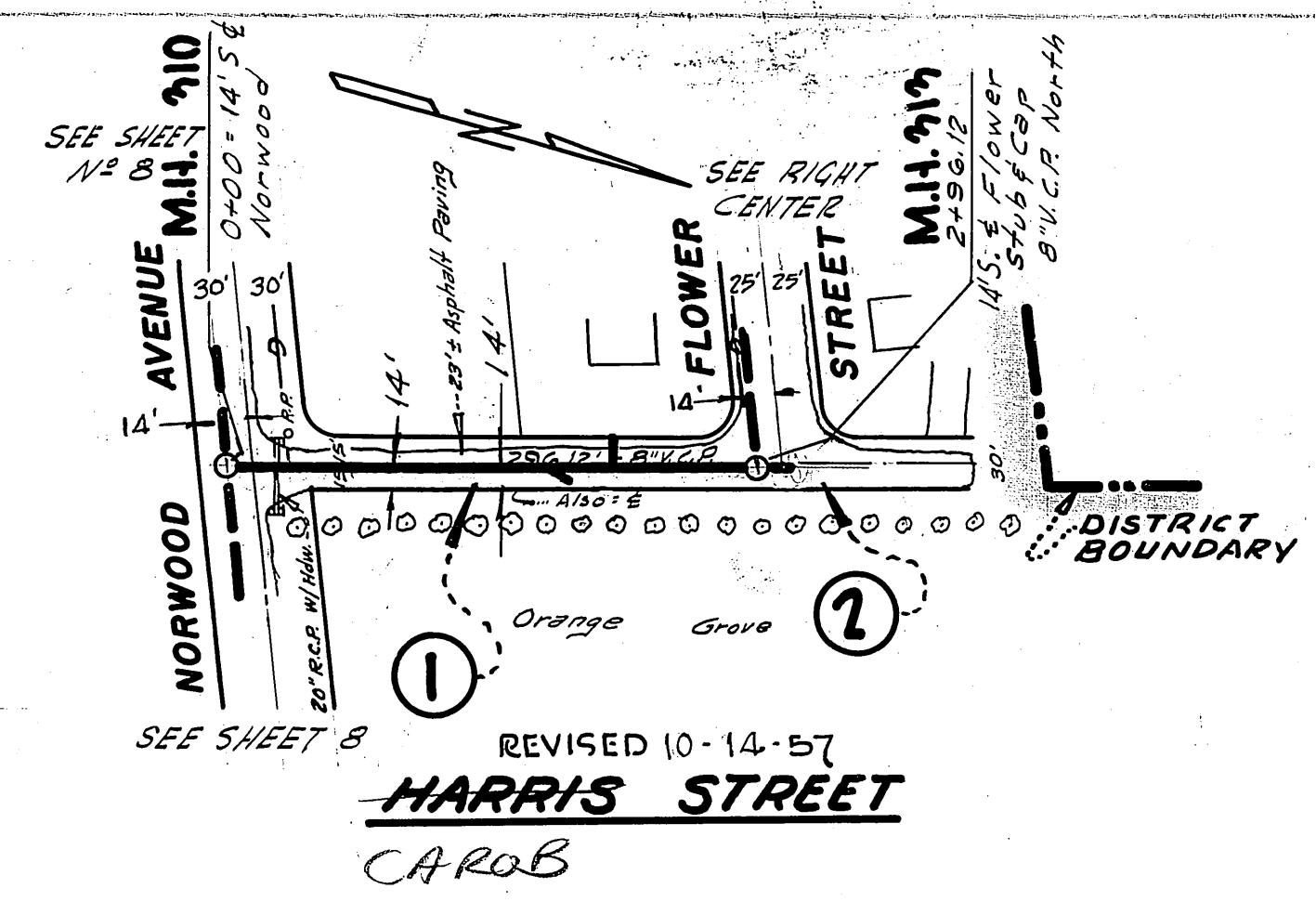


④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #293 AT STA. 0 + 00 TO CLEANOUT #69 AT STA. 16 + 46.70.

SCHEDULE "C"

DATE: _____ BY: _____
 SUPERVISED: _____
 PLAN: _____
 NOTE BOOK: _____
 NOTE: _____
 NO. _____

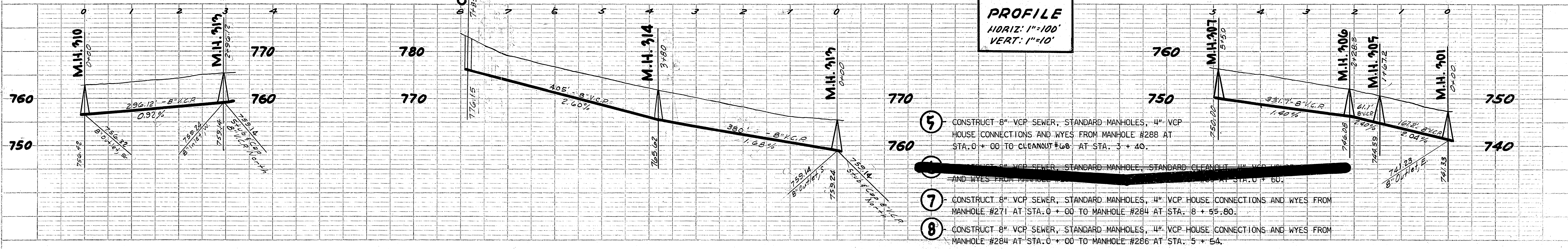
DATE: _____ BY: _____
 SUPERVISED: _____
 PROFILE: _____
 NOTE BOOK: _____
 NOTE: _____
 NO. _____



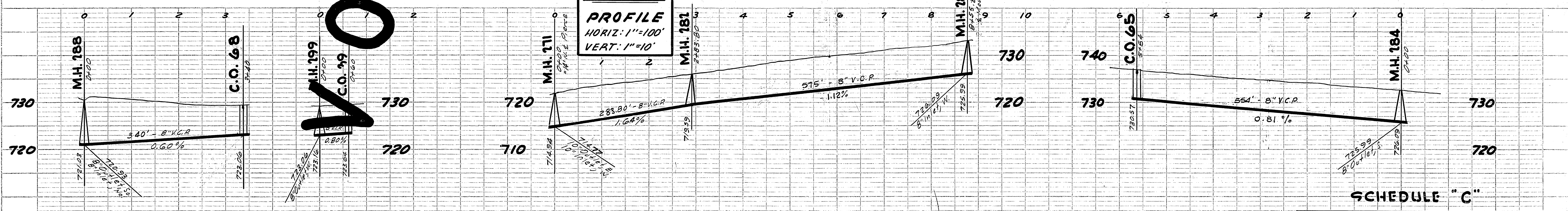
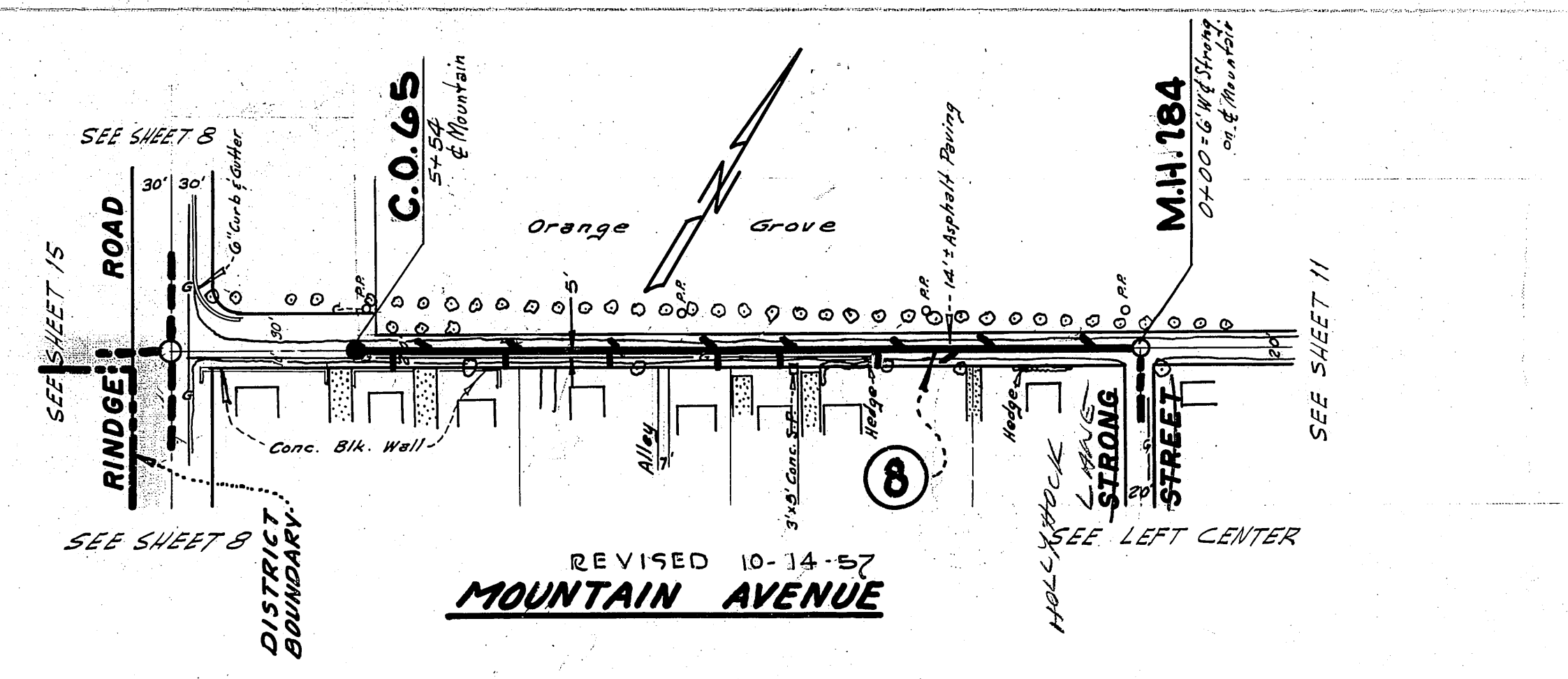
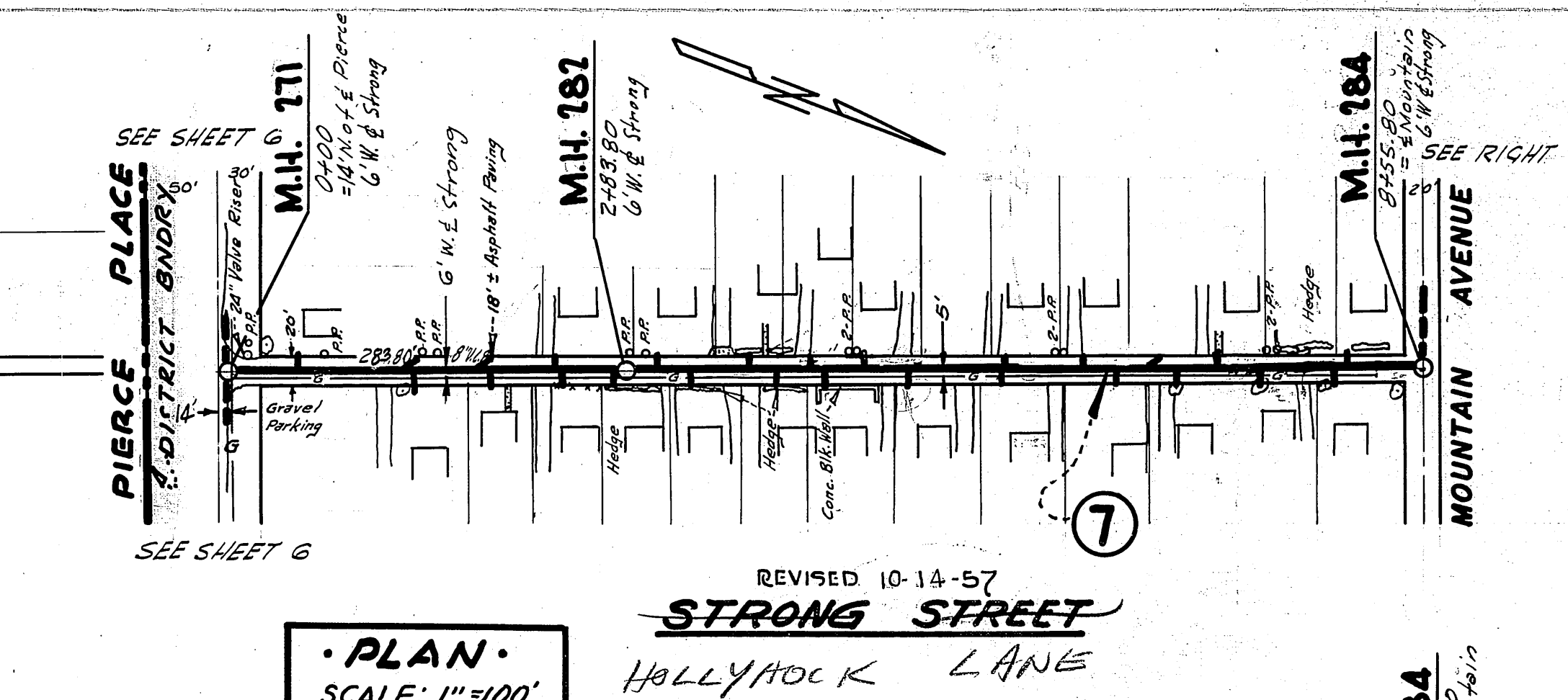
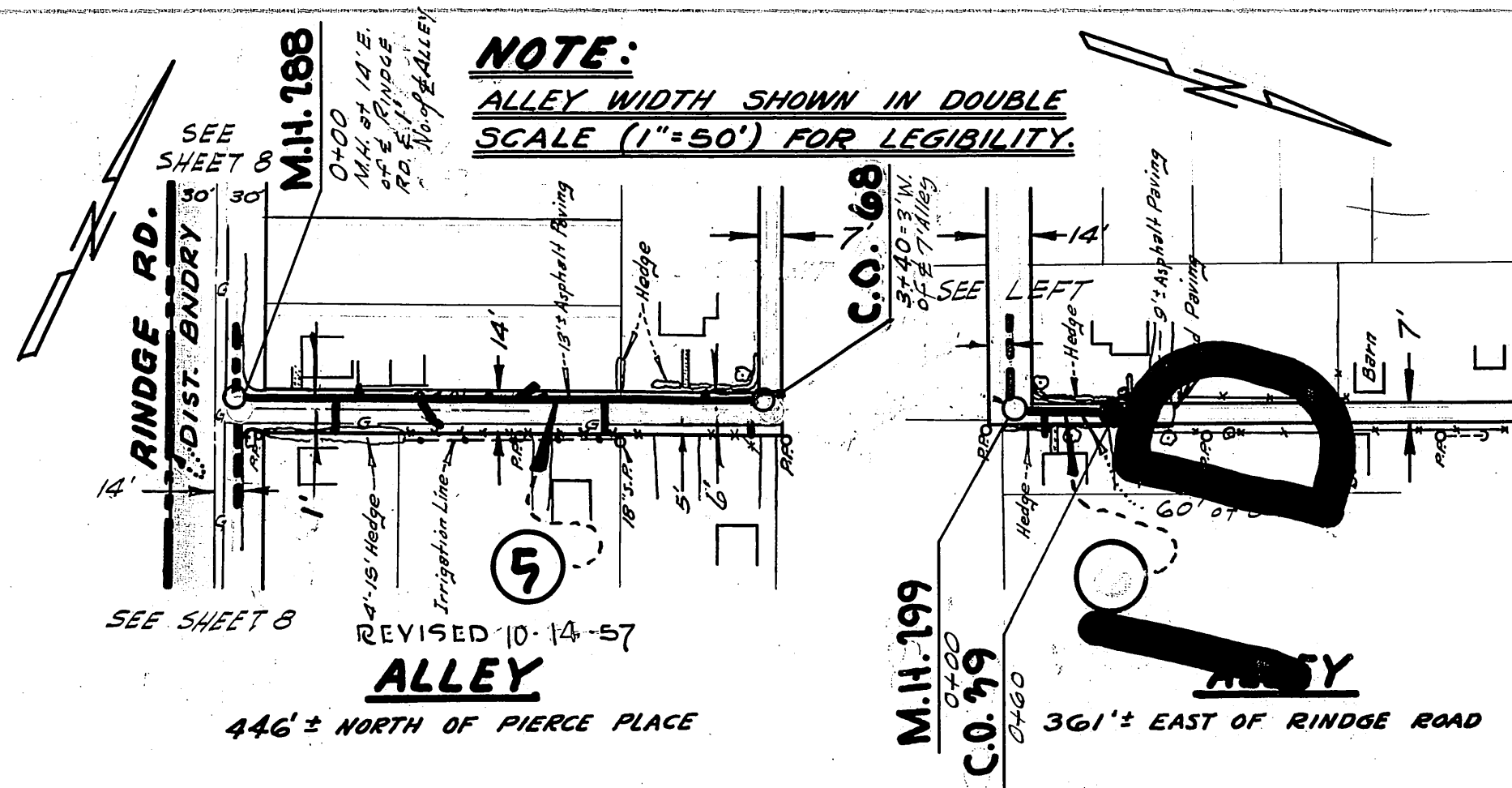
- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #310 AT STA. 0 + 00 TO MANHOLE #313 AT STA. 2 + 96.12.
- ② CONSTRUCT 8" STUB & CAP, N.
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #313 AT STA. 0 + 00 TO CLEANOUT #41 AT STA. 7 + 85
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #301 AT STA. 0 + 00 TO MANHOLE #307 AT STA. 4 + 88.

PLAN
 SCALE: 1"=100'

PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #288 AT STA. 0 + 00 TO CLEANOUT #68 AT STA. 3 + 40.
- ⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #271 AT STA. 0 + 00 TO MANHOLE #284 AT STA. 0 + 60.
- ⑦ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #271 AT STA. 0 + 00 TO MANHOLE #284 AT STA. 8 + 55.80.
- ⑧ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #284 AT STA. 0 + 00 TO MANHOLE #286 AT STA. 5 + 54.



PLAN
 SCALE: 1"=100'

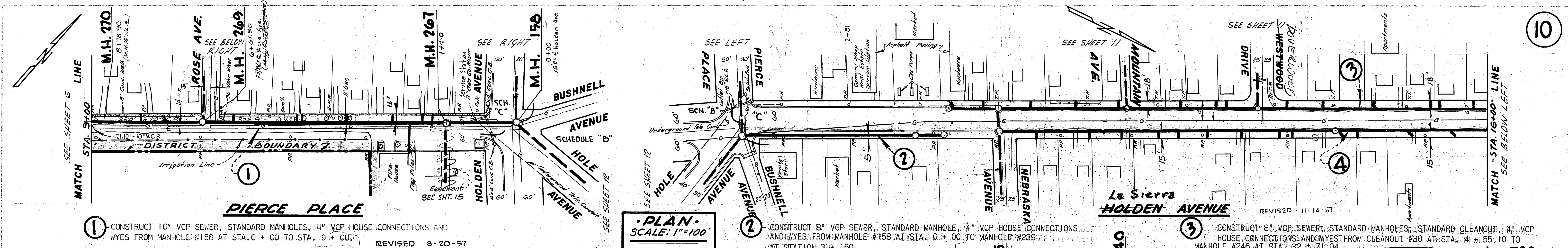
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

SCHEDULE "C"

LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING,
 371 SPURGEON BUILD.,
 SANTA ANA, CALIFORNIA.

SHEET NO. **9**
 OF 14 SHTS.

S-497A-118

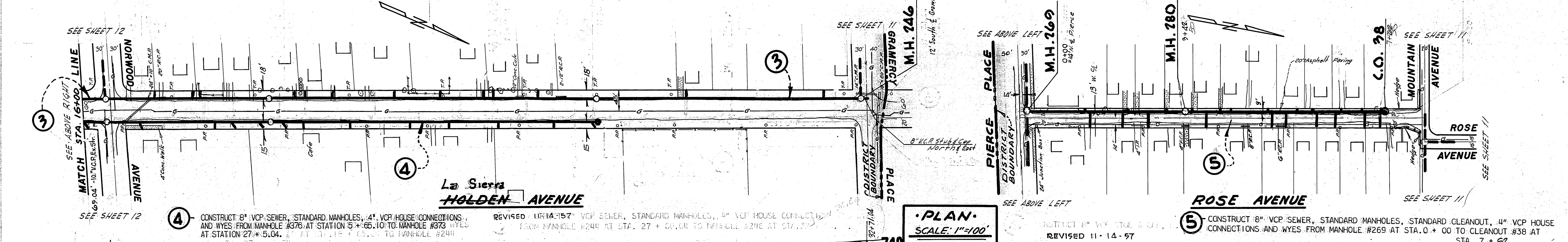
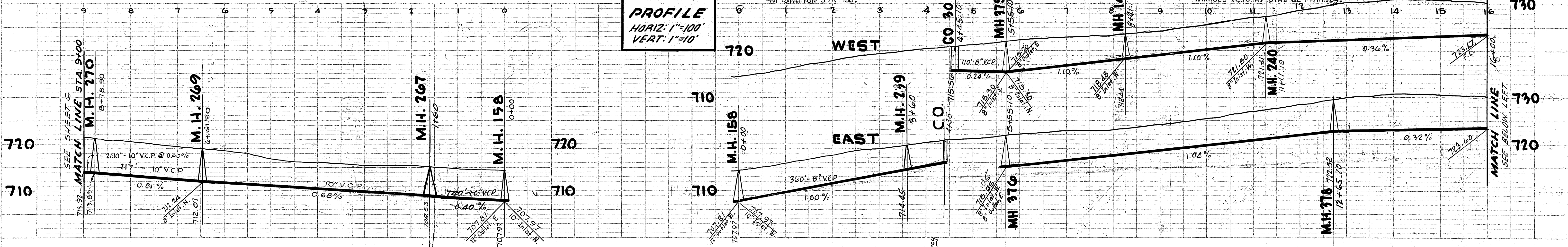


① CONSTRUCT 10" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #158 AT STA. 0+00 TO STA. 9+00. REVISED 8-20-57

•PLAN•
SCALE: 1"=100'
•PROFILE•
HORIZ: 1"=100'
VERT: 1"=10'

② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #158 AT STA. 0+00 TO MANHOLE #239 AT STATION 3+60.

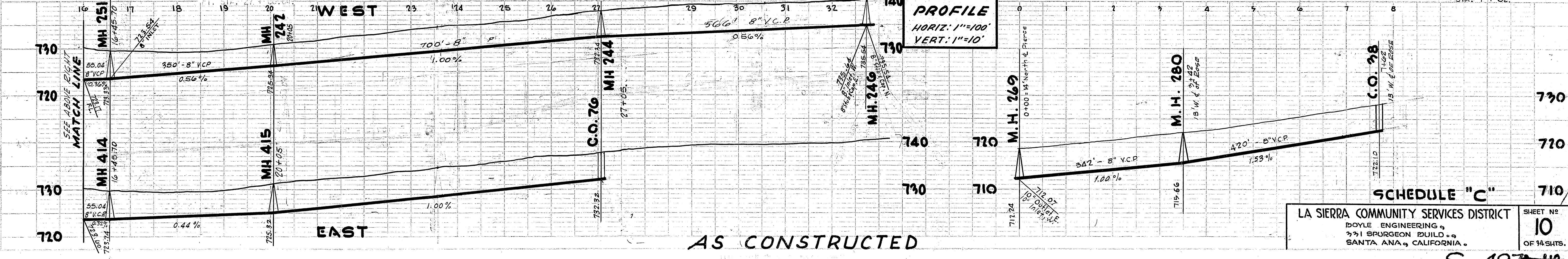
③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM CLEANOUT #30 AT STA. 7+55.10 TO MANHOLE #246 AT STA. 32+71.04. REVISED 11-14-57



④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #376 AT STATION 5+65.10 TO MANHOLE #373 WYES AT STATION 27+5.04. REVISED 11-14-57

•PLAN•
SCALE: 1"=100'
•PROFILE•
HORIZ: 1"=100'
VERT: 1"=10'

⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #269 AT STA. 0+00 TO CLEANOUT #38 AT STA. 7+62. REVISED 11-14-57



LA SIERRA COMMUNITY SERVICES DISTRICT
DOYLE ENGINEERING
331 SPURGEON BUILDING
SANTA ANA, CALIFORNIA

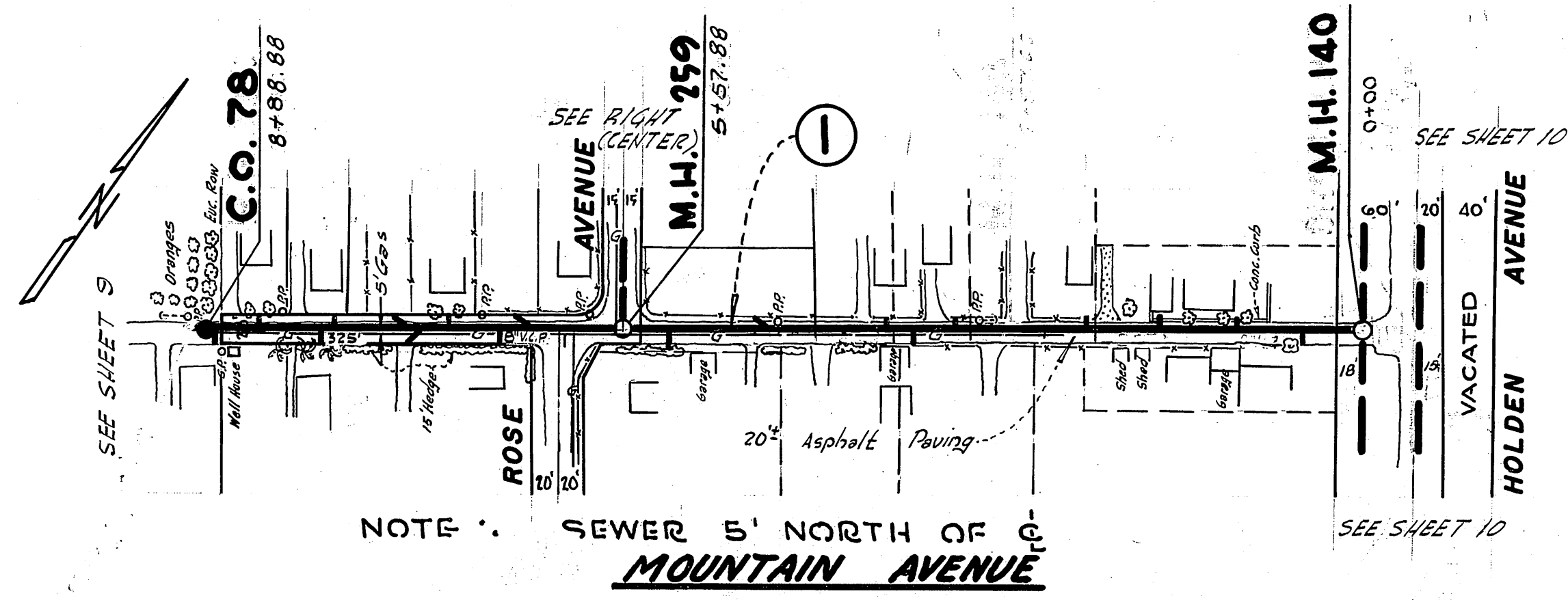
SHEET NO.
10
OF 14 SHEETS.

AS CONSTRUCTED

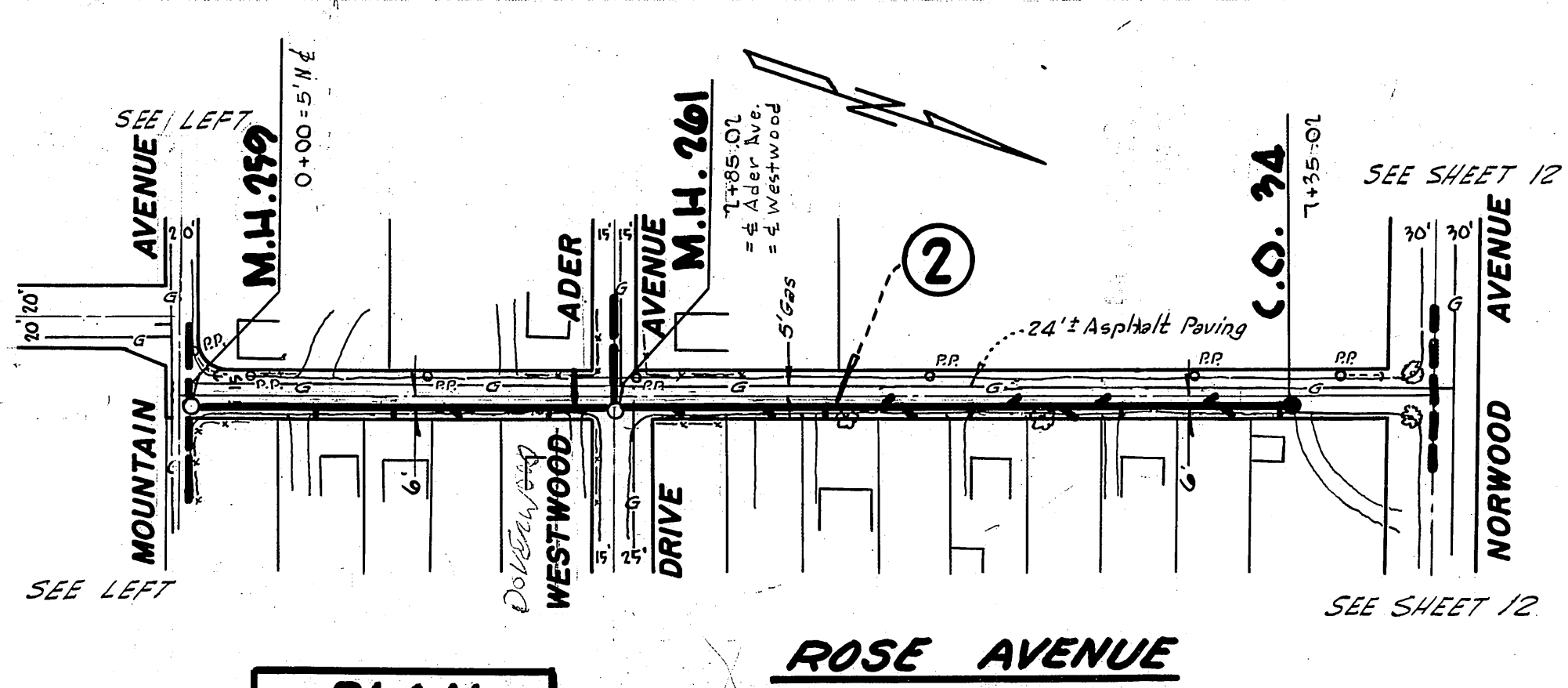
S-49A-118

PLAN
 DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____

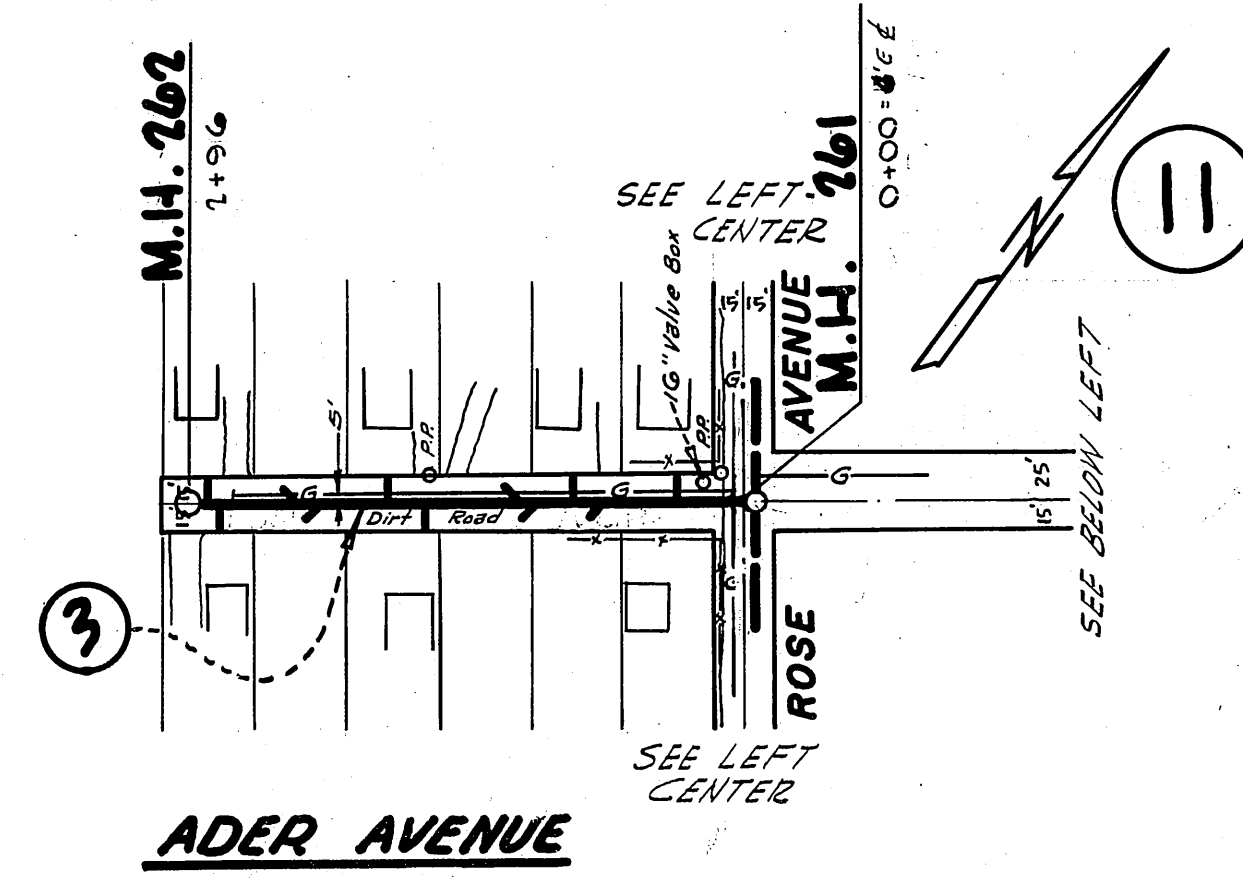
PROFILE
 DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____



NOTE: SEWER 5' NORTH OF G. MOUNTAIN AVENUE
 REVISED 11-14-57

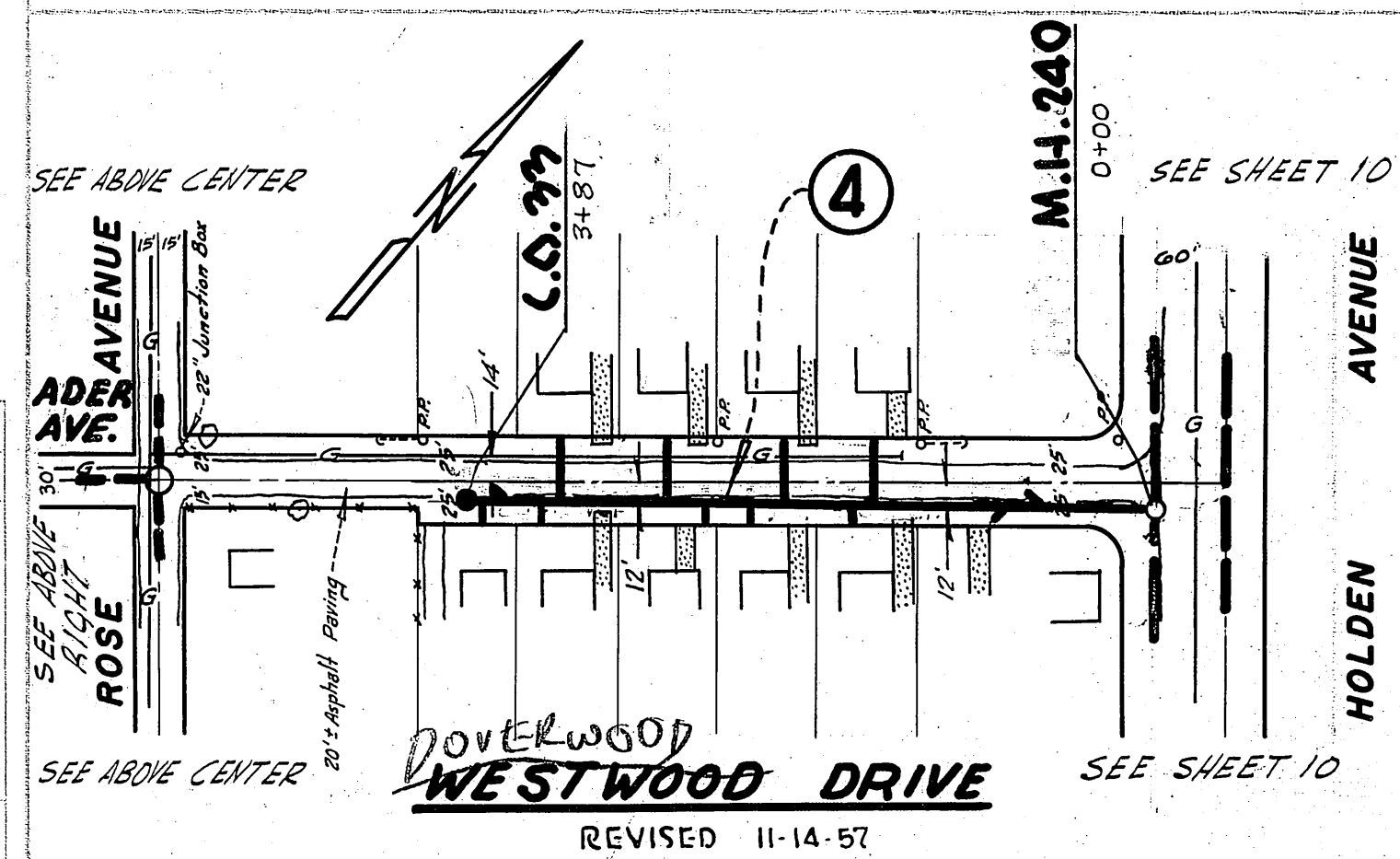
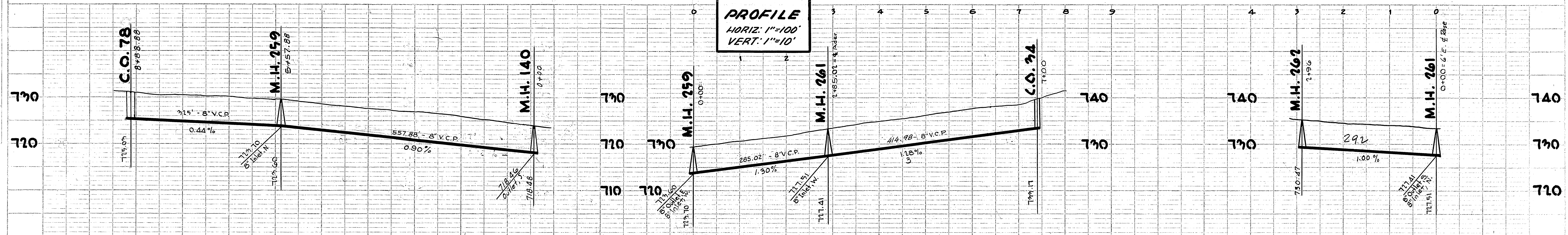


ROSE AVENUE
 REVISED 11-14-57



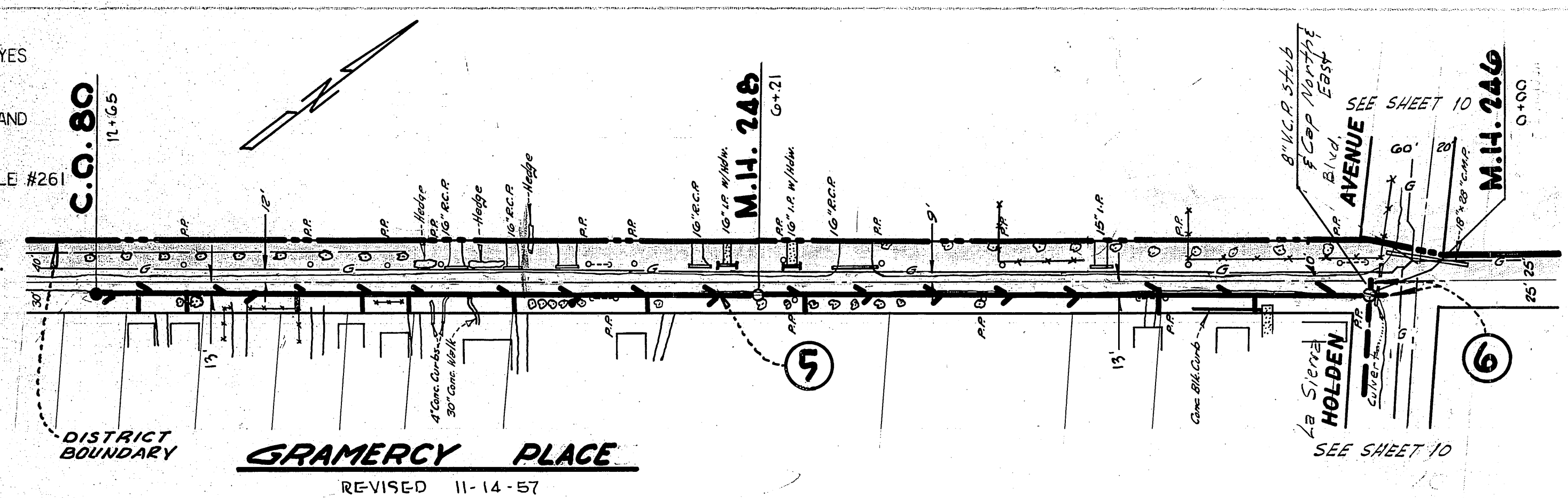
ADER AVENUE
 REVISED 11-14-57

PLAN
 SCALE: 1"=100'
 PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



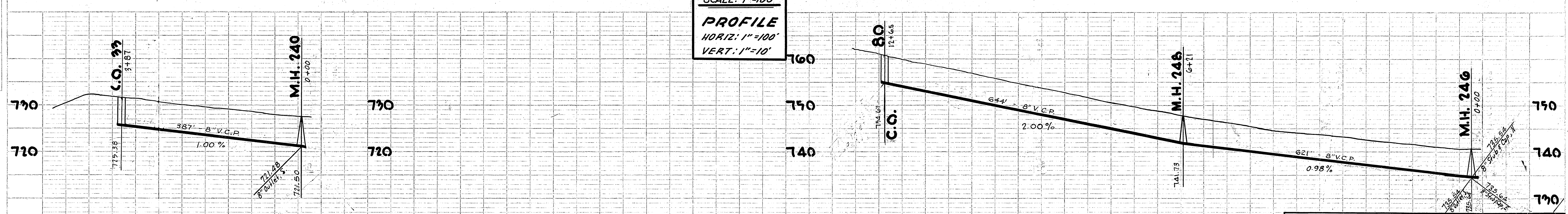
WESTWOOD DRIVE
 REVISED 11-14-57

- 1 CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #140 AT STATION 0 + 00 TO MANHOLE #260 AT STATION 8 + 68.88.
- 2 CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #259 AT STATION 0 + 00 TO CLEANOUT #34 AT STATION 7 + 40.02.
- 3 CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #261 AT STATION 0 + 00 TO MANHOLE #262 AT STATION 2 + 96.
- 4 CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #140 AT STATION 0 + 00 TO CLEANOUT #33 AT STATION 3 + 87.
- 5 CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #246 AT STATION 0 + 00 TO CLEANOUT #80 AT STATION 12 + 65.
- 6 CONSTRUCT 8" V.C.P. STUB & CAP, N. E. E.



GRAMERCY PLACE
 REVISED 11-14-57

PLAN
 SCALE: 1"=100'
 PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

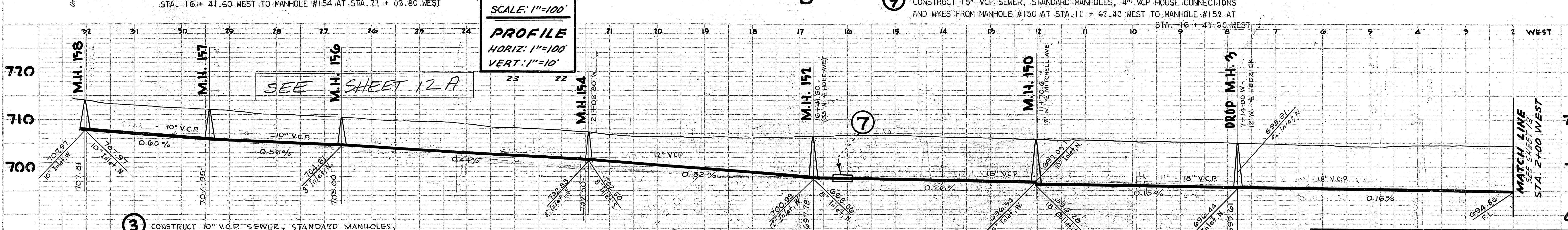
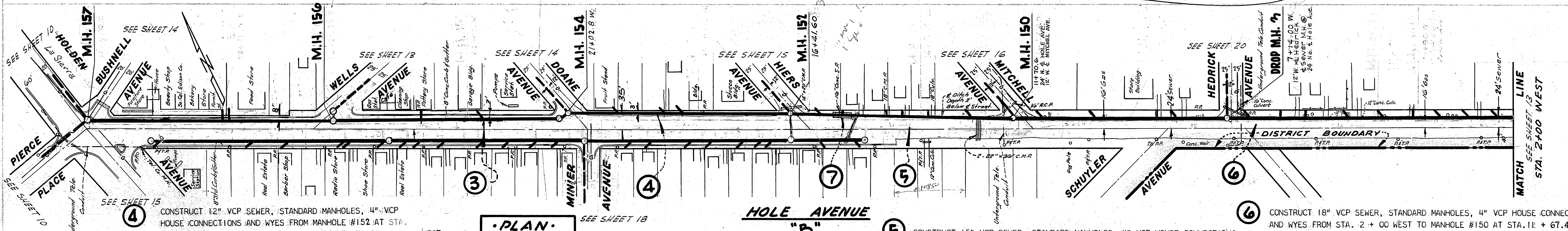
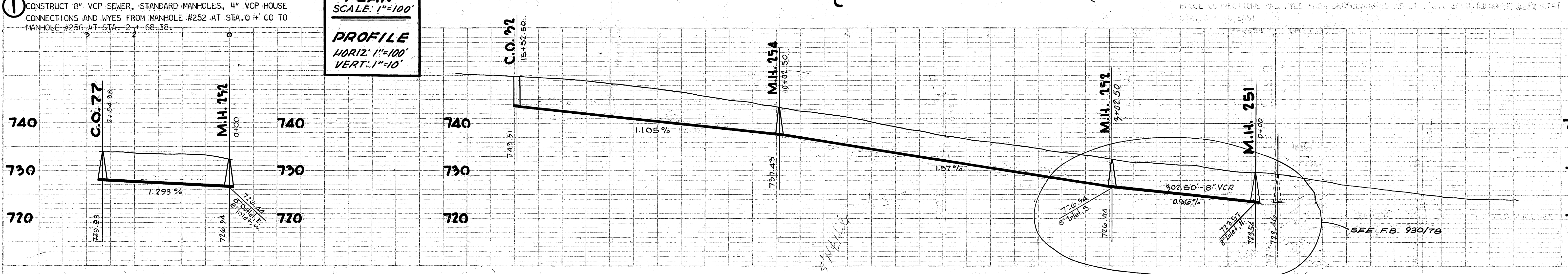
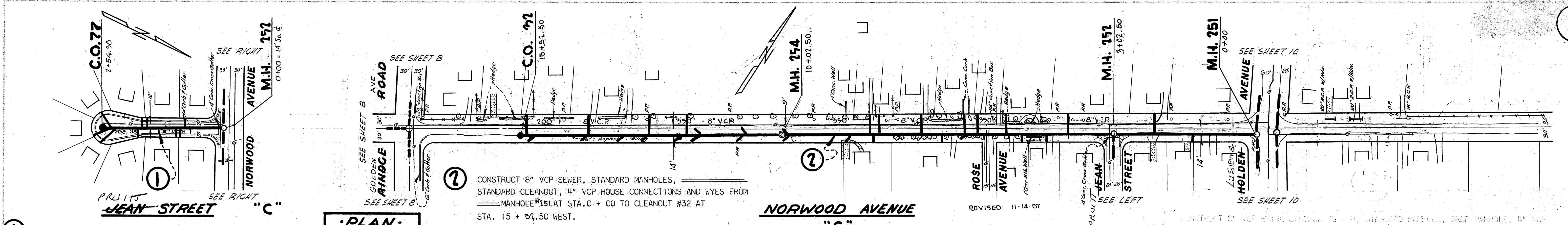


SCHEDULE "C"

LA SIERRA COMMUNITY SERVICES DISTRICT
 DOYLE ENGINEERING &
 331 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA

SHEET NO.
 11
 OF 34 SHEETS.

S-497-418



① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #252 AT STA. 0+00 TO MANHOLE #256 AT STA. 2+68.38.

PLAN SCALE: 1"=100'

PROFILE HORIZ: 1"=100' VERT: 1"=10'

② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #251 AT STA. 0+00 TO CLEANOUT #32 AT STA. 15+52.50 WEST.

④ CONSTRUCT 12" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #152 AT STA. 16+41.60 WEST TO MANHOLE #154 AT STA. 21+02.80 WEST

PLAN SCALE: 1"=100'

PROFILE HORIZ: 1"=100' VERT: 1"=10'

⑤ CONSTRUCT 15" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #150 AT STA. 11+67.40 WEST TO MANHOLE #152 AT STA. 16+41.60 WEST

③ CONSTRUCT 10" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #154 AT STA. 21+02.80 WEST TO MANHOLE #158 AT STA. 22+18.30 WEST.

⑦ CONSTRUCT 40' CONCRETE ENCASUREMENT FROM STA. 15+90 TO STA. 16+30 - SEE DETAIL SHEET 33.

SCHEDULES "B" & "C"

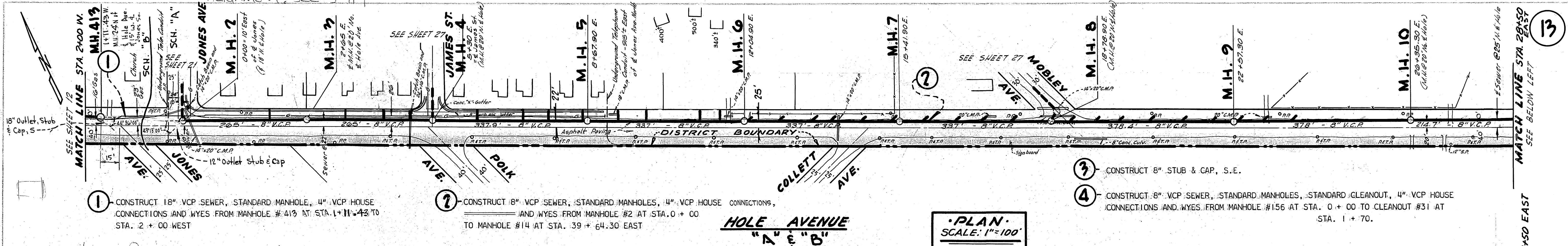
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
331 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

SHEET No
12
OF 34 SHEETS

AS CONSTRUCTED

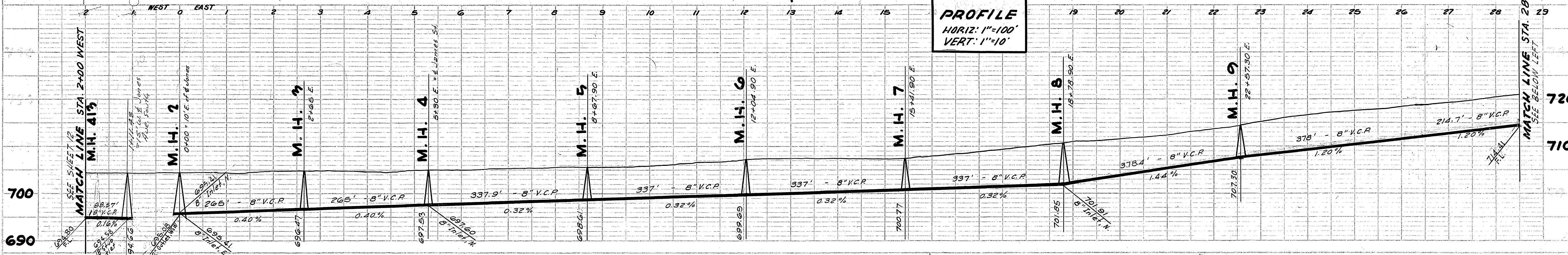
S-497-418

DOES NOT SHOW TRUE HORIZ. ALIGNMENT, SEE S-717



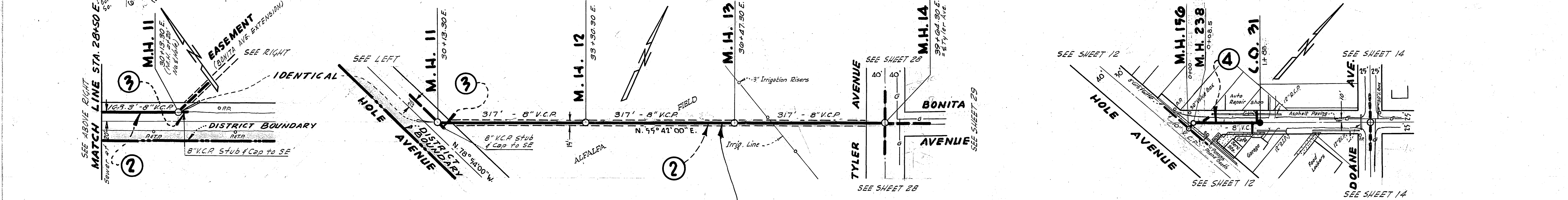
- ① CONSTRUCT 18" VCP SEWER, STANDARD MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #413 AT STA. 1+11.43 TO STA. 2+00 WEST
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #2 AT STA. 0+00 TO MANHOLE #14 AT STA. 39+64.30 EAST
- ③ CONSTRUCT 8" STUB & CAP, S.E.
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #156 AT STA. 0+00 TO CLEANOUT #31 AT STA. 1+70.

PLAN SCALE: 1"=100'
 PROFILE HORIZ: 1"=100'
 VERT: 1"=10'

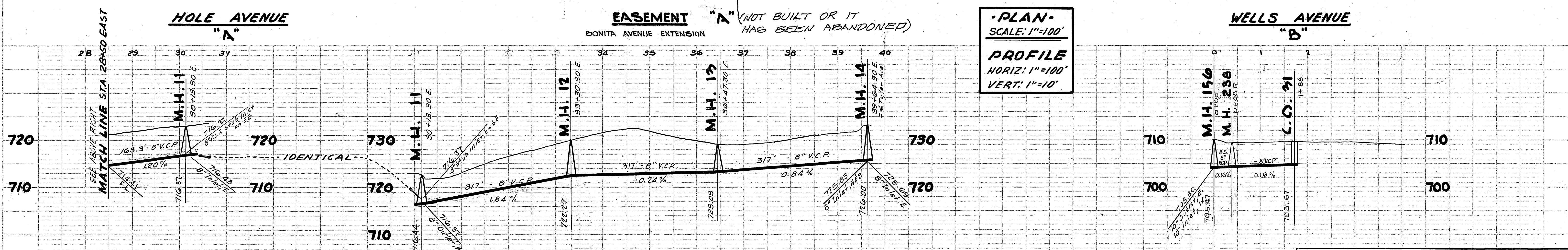


PLAN
 DRAWN BY: []
 CHECKED BY: []
 DATE: []
 NOTE BOOK ALIGNMENT CHECKED
 NO. OF WAYS CHECKED: []

PROFILE
 DRAWN BY: []
 CHECKED BY: []
 DATE: []
 NOTE BOOK VERTICES CHECKED
 NO. OF POINTS NOTED: []



PLAN SCALE: 1"=100'
 PROFILE HORIZ: 1"=100'
 VERT: 1"=10'



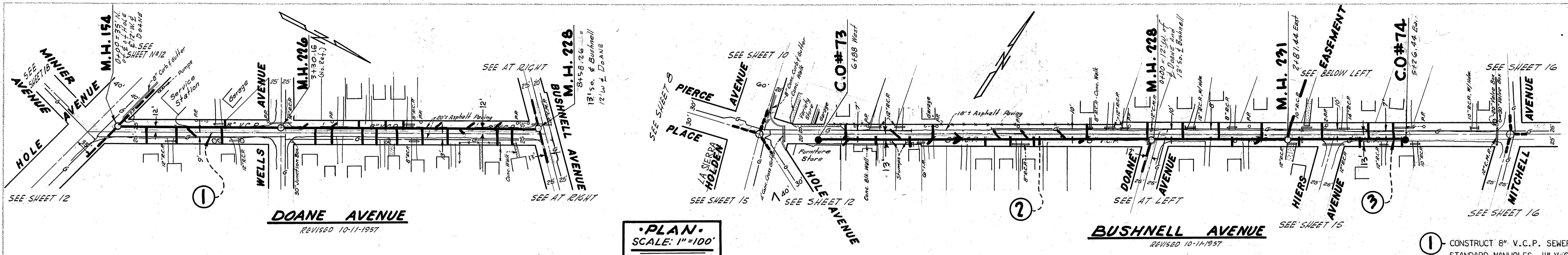
AS CONSTRUCTED

SCHEDULES "A" & "B"

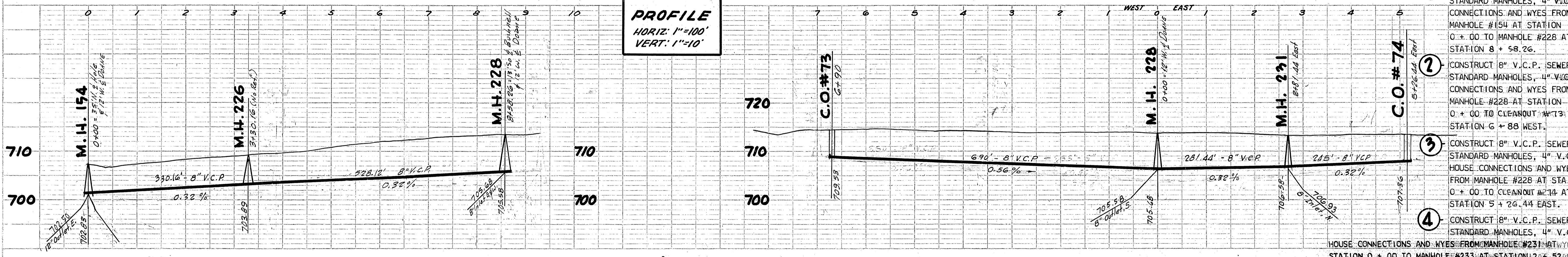
LA SIERRA COMMUNITY SERVICES DISTRICT
 DOYLE ENGINEERING
 331 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA

SHEET NO. 13 OF 14 SHTS.

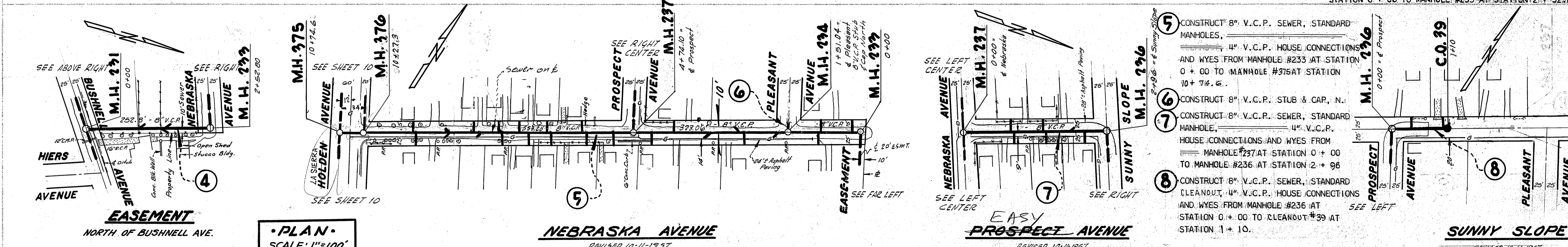
S-497-418



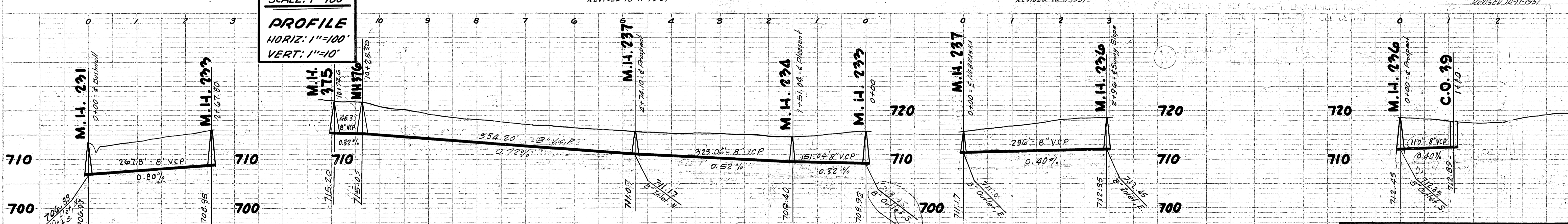
•PLAN•
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



- ① CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #154 AT STATION 0 + 00 TO MANHOLE #228 AT STATION 8 + 58.26.
- ② CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #228 AT STATION 0 + 00 TO CLEANOUT #73 AT STATION 6 + 88 WEST.
- ③ CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #228 AT STATION 0 + 00 TO CLEANOUT #74 AT STATION 5 + 26.44 EAST.
- ④ CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #231 AT STATION 0 + 00 TO MANHOLE #233 AT STATION 12 + 52.80.



•PLAN•
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



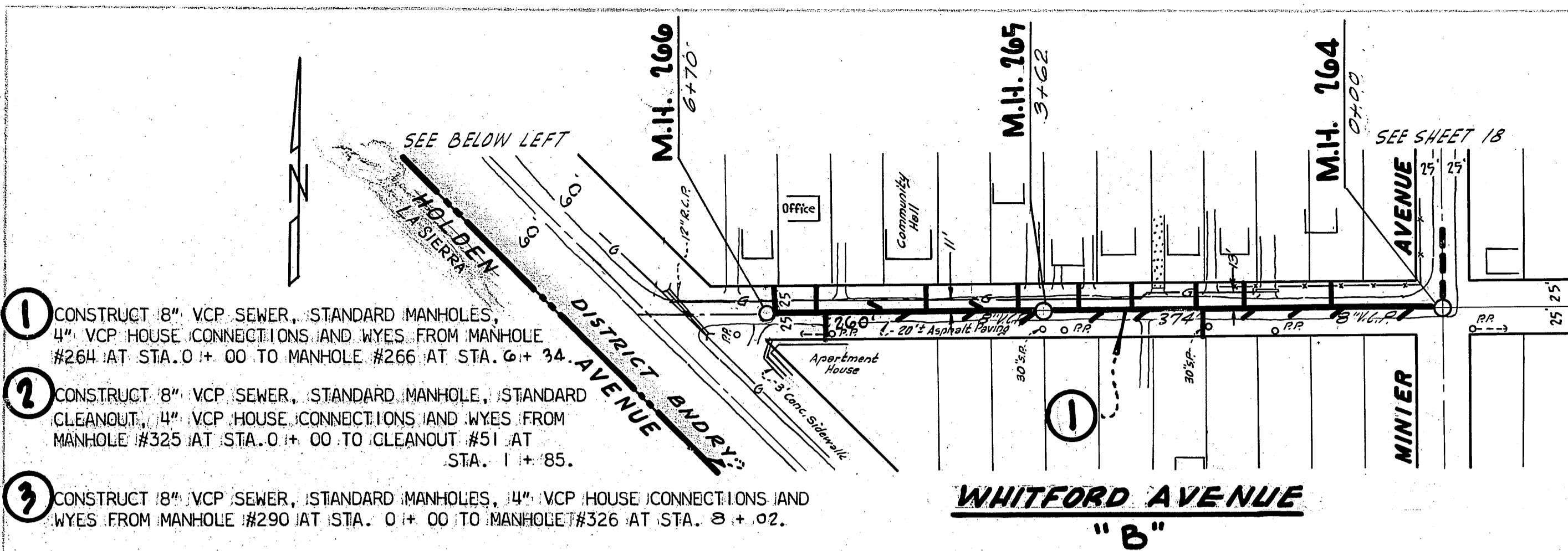
- ⑤ CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #233 AT STATION 0 + 00 TO MANHOLE #375 AT STATION 10 + 74.6.
- ⑥ CONSTRUCT 8" V.C.P. STUB & CAP, N.
- ⑦ CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLE, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #237 AT STATION 0 + 00 TO MANHOLE #236 AT STATION 2 + 96.
- ⑧ CONSTRUCT 8" V.C.P. SEWER, STANDARD CLEANOUT, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #236 AT STATION 0 + 00 TO CLEANOUT #39 AT STATION 1 + 10.

SCHEDULE "B"

LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
371 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

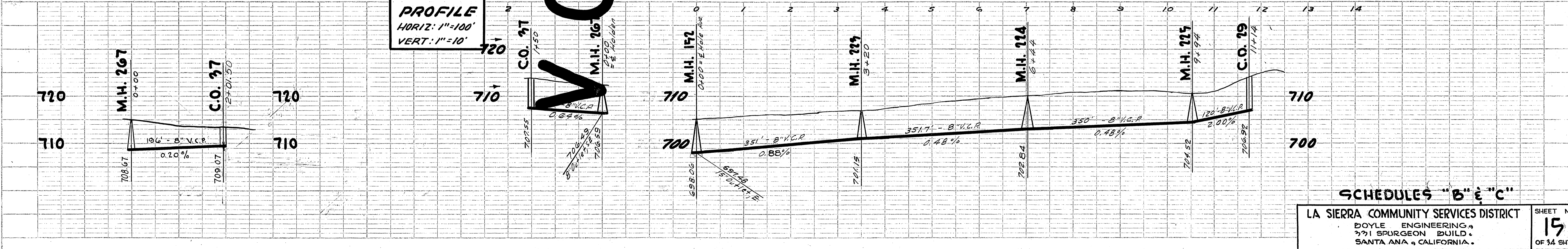
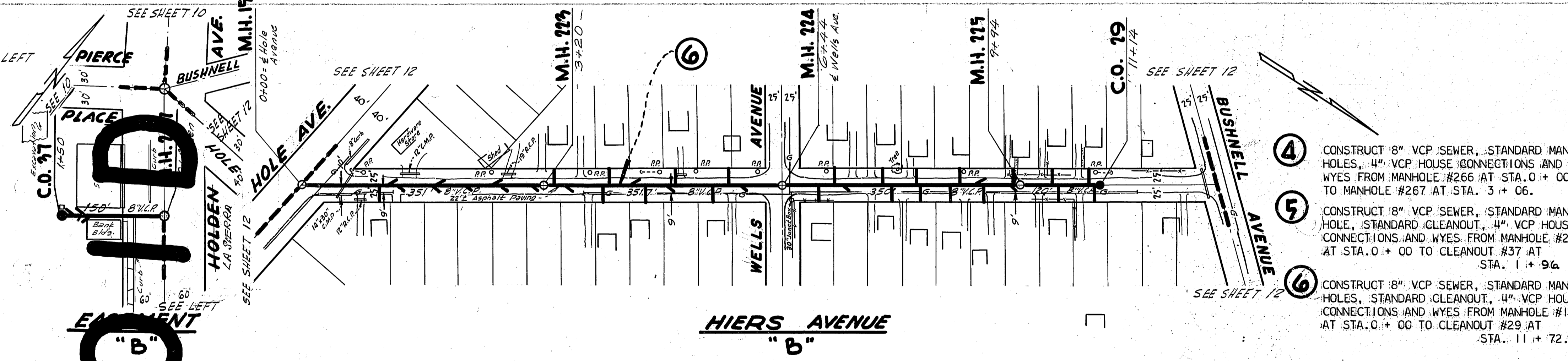
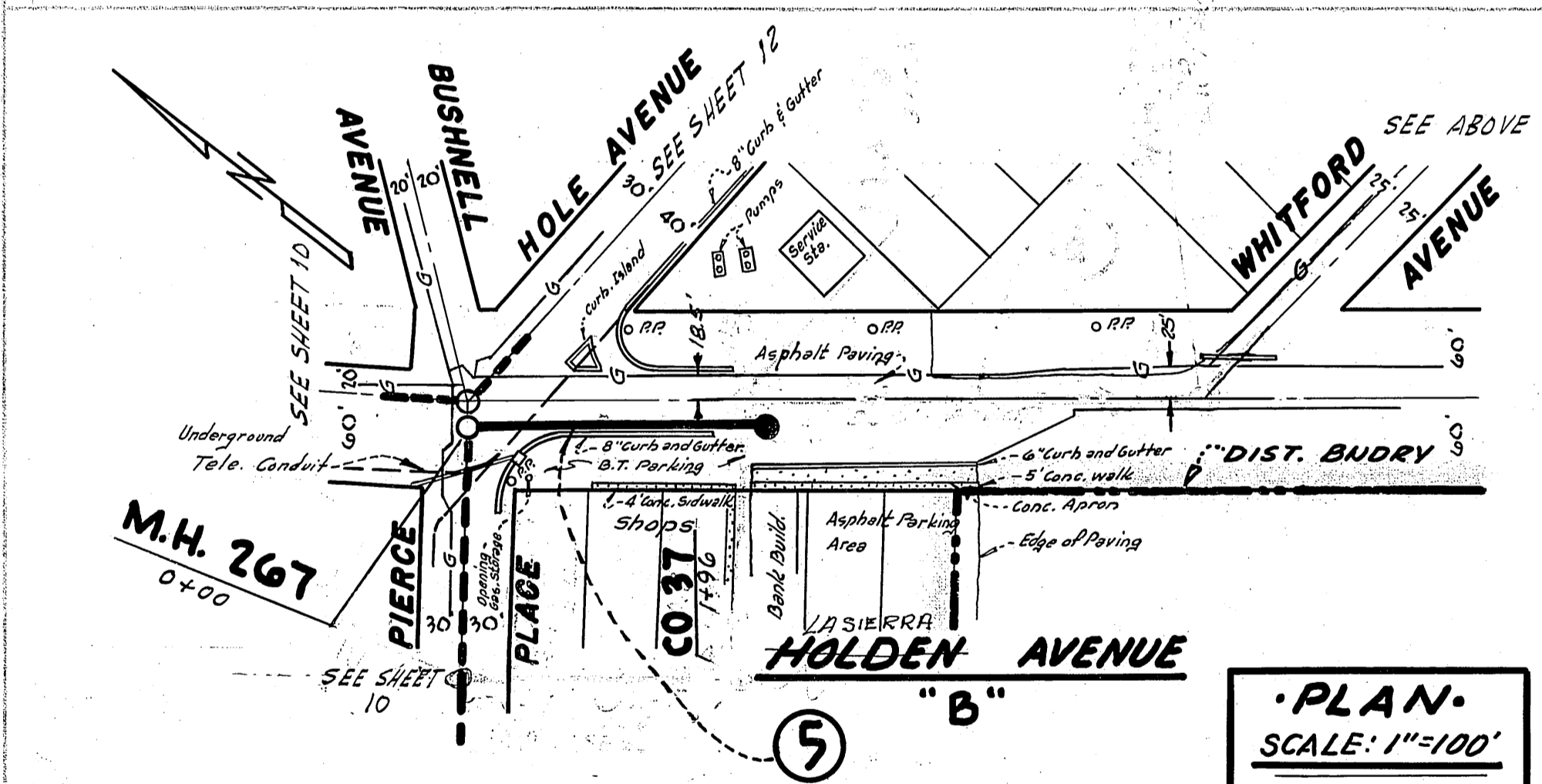
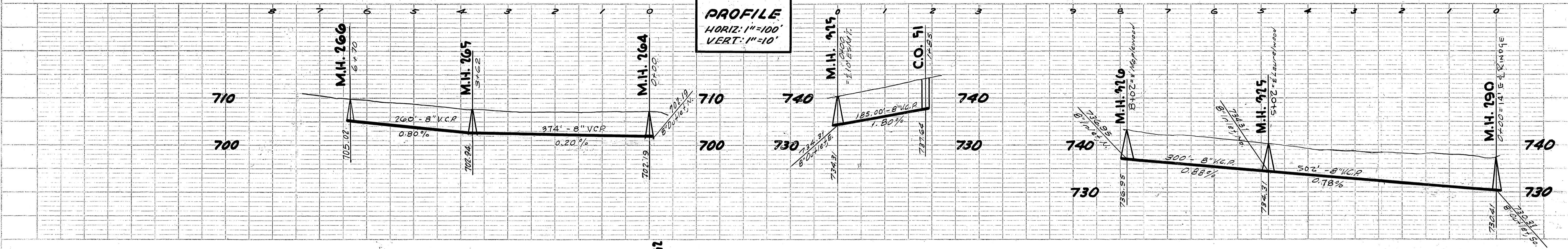
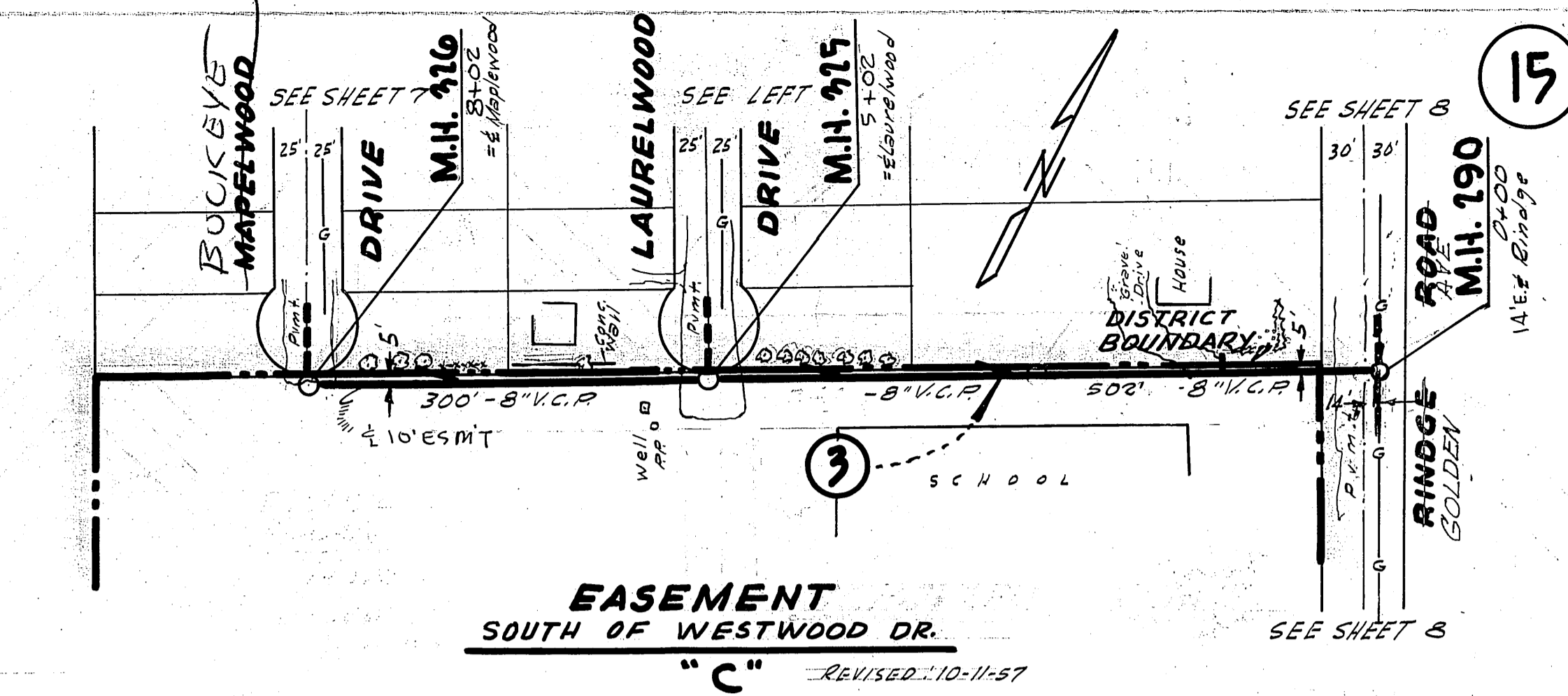
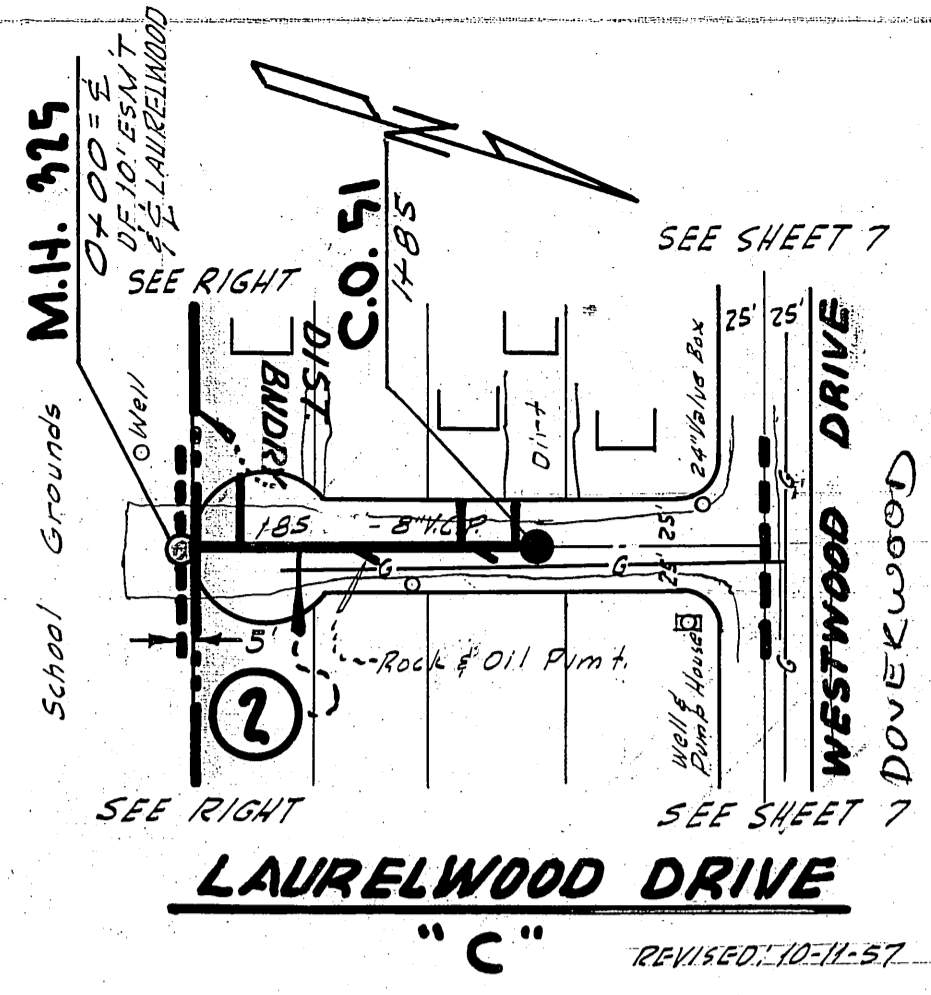
DATE: _____
 NO. _____
 PLAN
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 ALIGNMENT CHECKED _____
 RT. OF WAY CHECKED _____
 NO. _____

DATE: _____
 NO. _____
 PROFILE
 SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 NO. _____
 STRUCTURE DETAILING _____



- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #264 AT STA. 0+00 TO MANHOLE #266 AT STA. 6+34.
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #325 AT STA. 0+00 TO CLEANOUT #51 AT STA. 1+85.
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #290 AT STA. 0+00 TO MANHOLE #326 AT STA. 8+02.

PLAN
 SCALE: 1"=100'
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



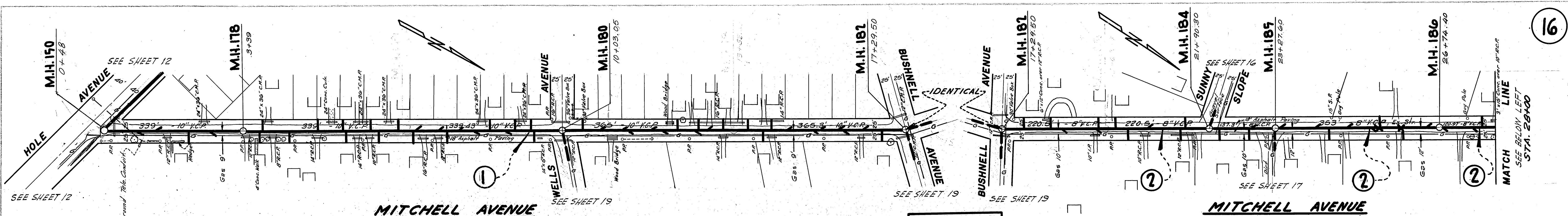
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #266 AT STA. 0+00 TO MANHOLE #267 AT STA. 3+06.
- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #267 AT STA. 0+00 TO CLEANOUT #37 AT STA. 1+96.
- ⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #152 AT STA. 0+00 TO CLEANOUT #29 AT STA. 11+72.70.

SCHEDULES "B" & "C"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 DOYLE ENGINEERING
 771 SPURGEON BUILD.
 SANTA ANA, CALIFORNIA

SHEET NO.
15
 OF 34 SHEETS.

S-497-418

PLATE 2 - PLAN - PROFILE - S. P. S. & C. STANDARD
 FORMS & RESUB. 07, REV. 1/68



① CONSTRUCT 10" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #150 AT STA. 0 + 00 TO MANHOLE #182 AT STA. 17 + 47.73.

② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #182 AT STA. 17 + 47.73 TO MANHOLE #192 AT STA. 45 + 95.

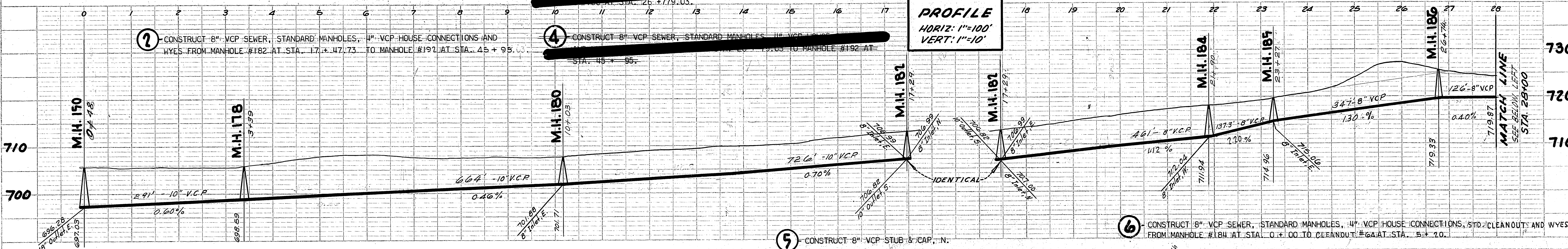
③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #182 AT STA. 25 + 119.03 TO MANHOLE #192 AT STA. 25 + 119.03.

④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #192 AT STA. 45 + 95 TO MANHOLE #192 AT STA. 45 + 95.

⑤ CONSTRUCT 8" VCP STUB & CAP, N.

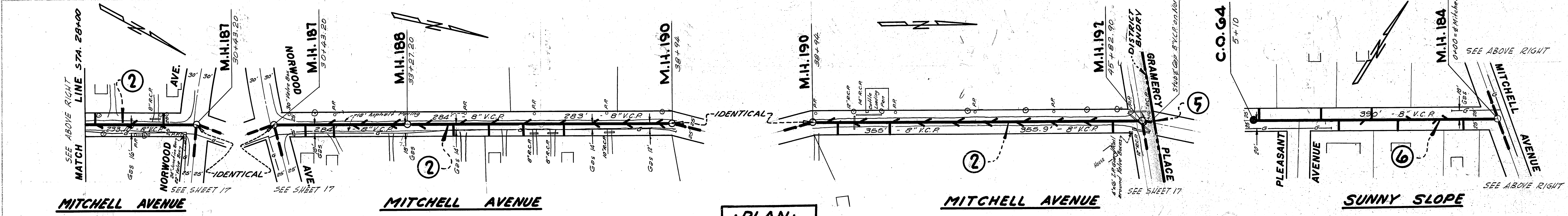
⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS, STD. CLEANOUT, AND WYES FROM MANHOLE #184 AT STA. 0 + 00 TO CLEANOUT #64 AT STA. 5 + 20.

PLAN SCALE: 1"=100'
 PROFILE HORIZ: 1"=100'
 VERT: 1"=10'

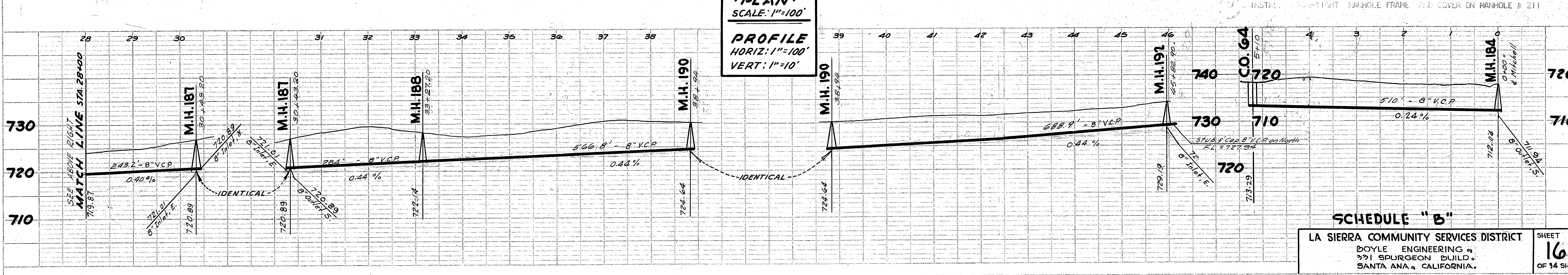


DATE	
BY	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
NO.	
NO.	
NO.	
NO.	



PLAN SCALE: 1"=100'
 PROFILE HORIZ: 1"=100'
 VERT: 1"=10'



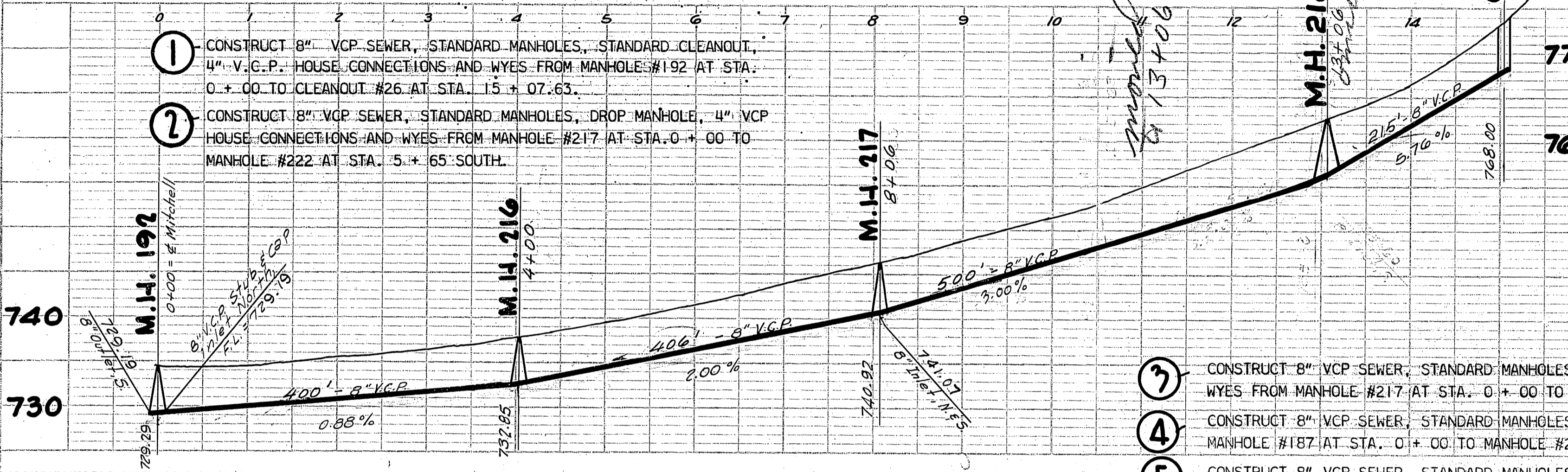
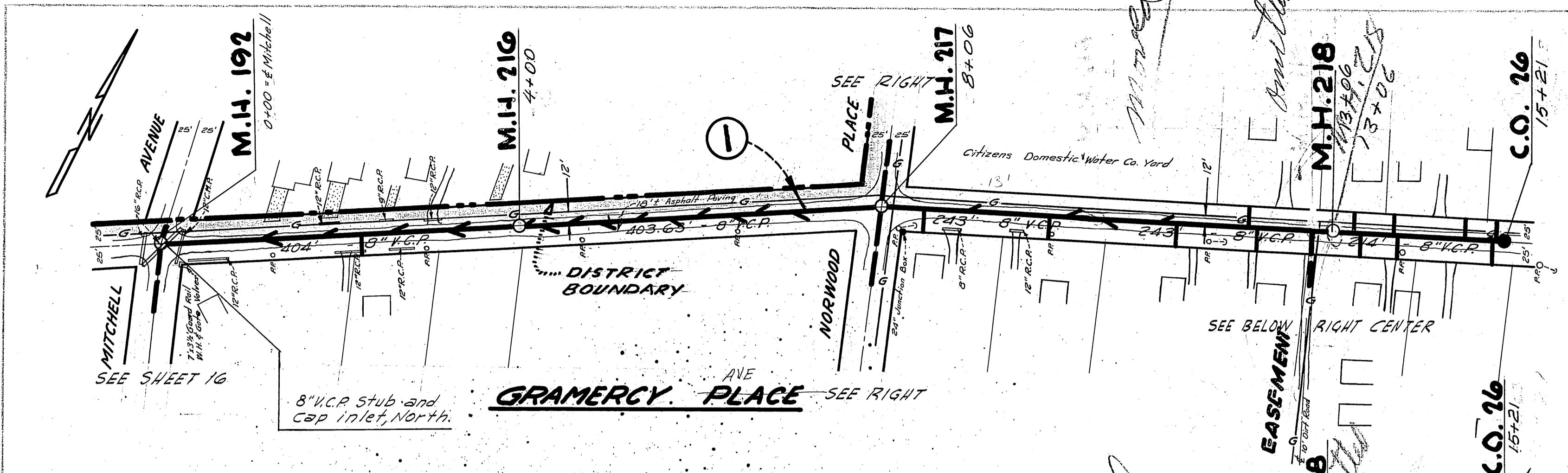
SCHEDULE "B"

LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING
 771 SPURGEON BUILD.
 SANTA ANA, CALIFORNIA.

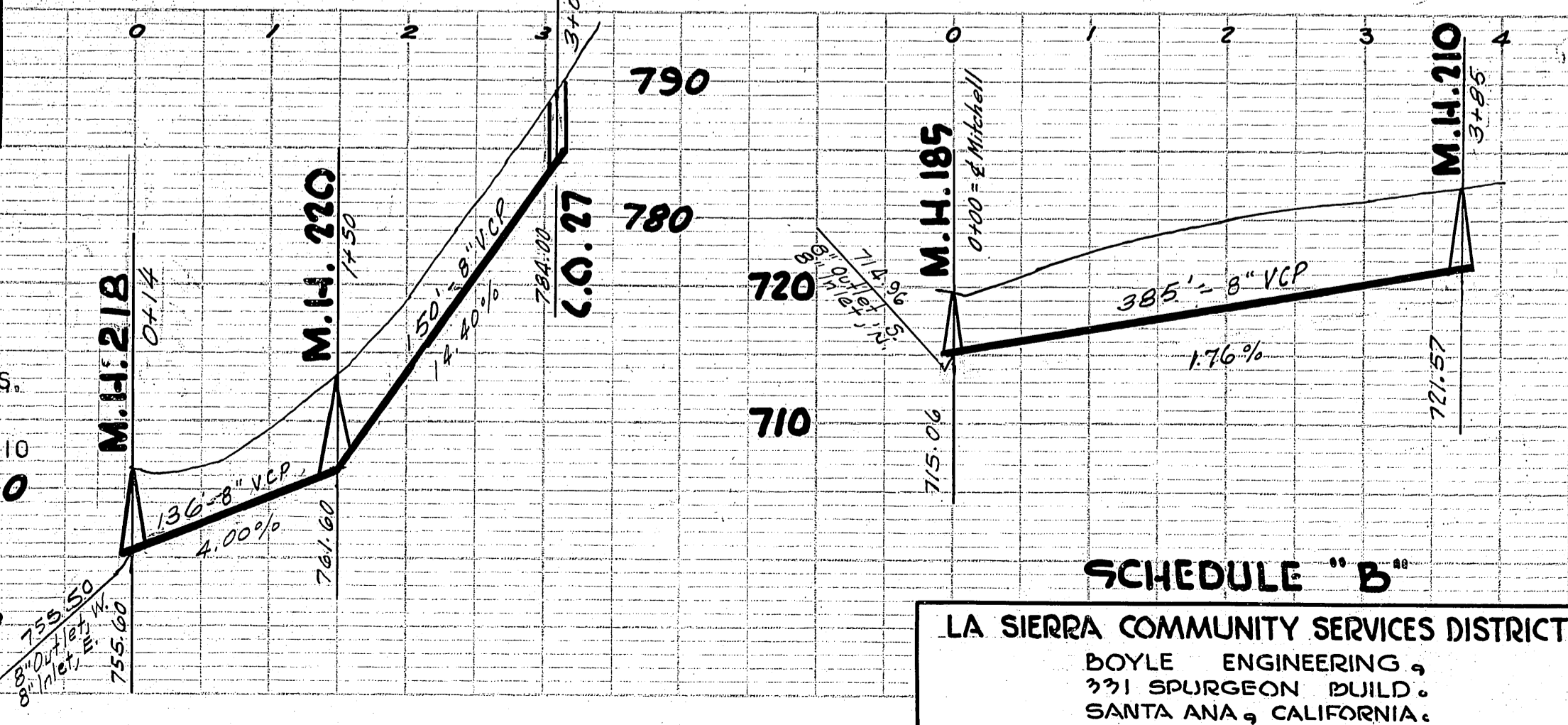
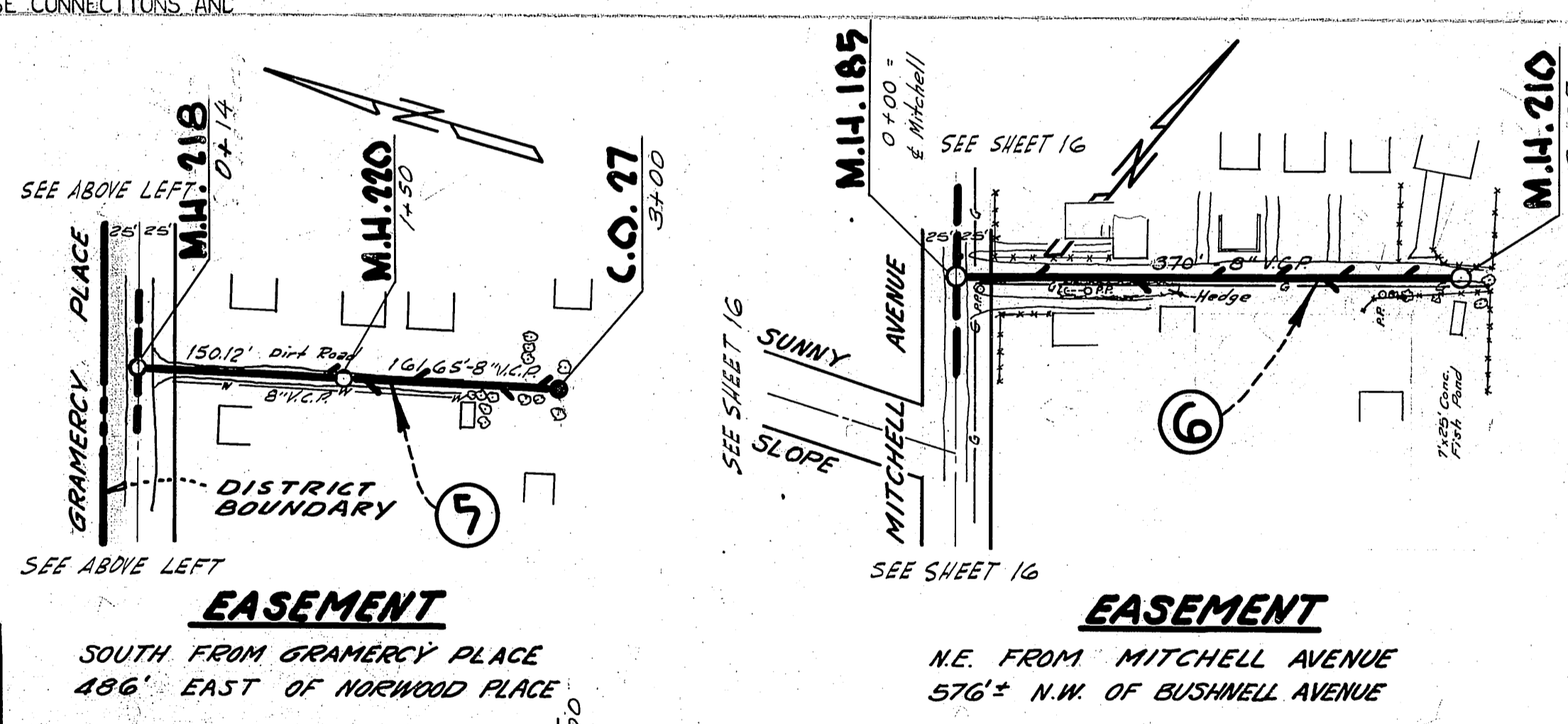
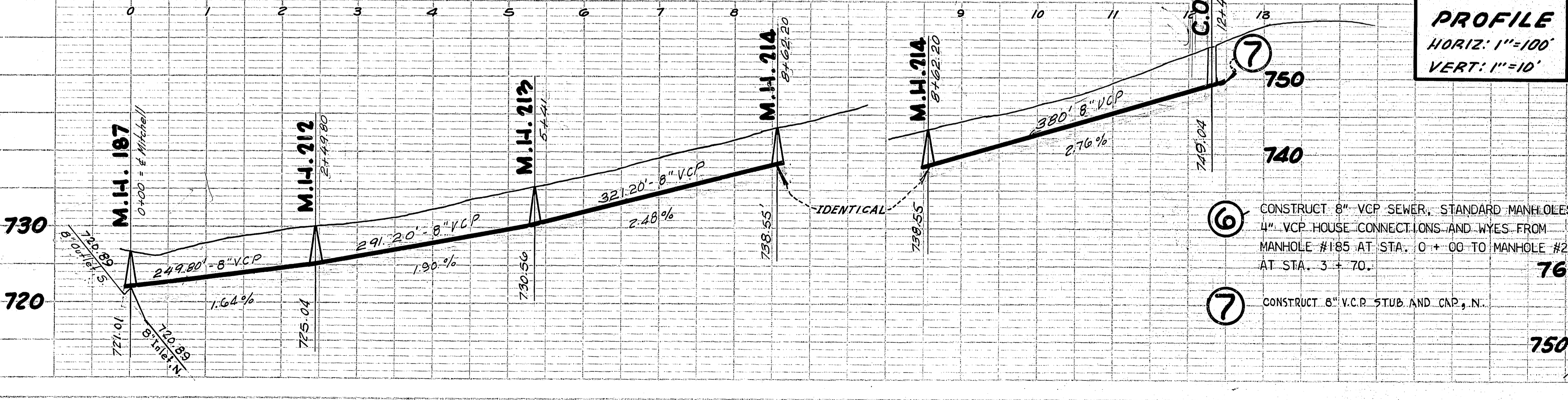
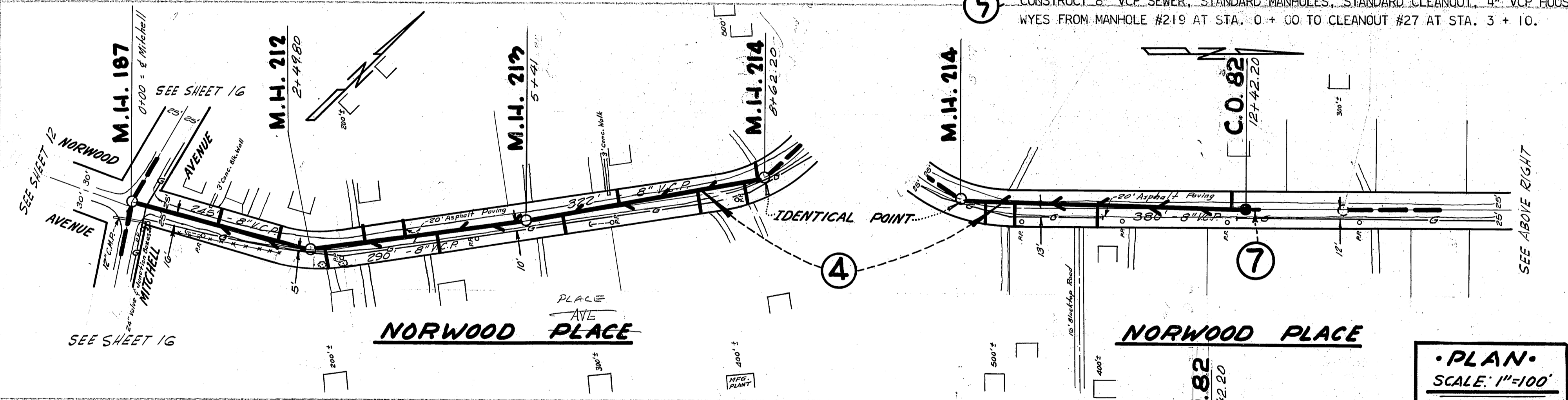
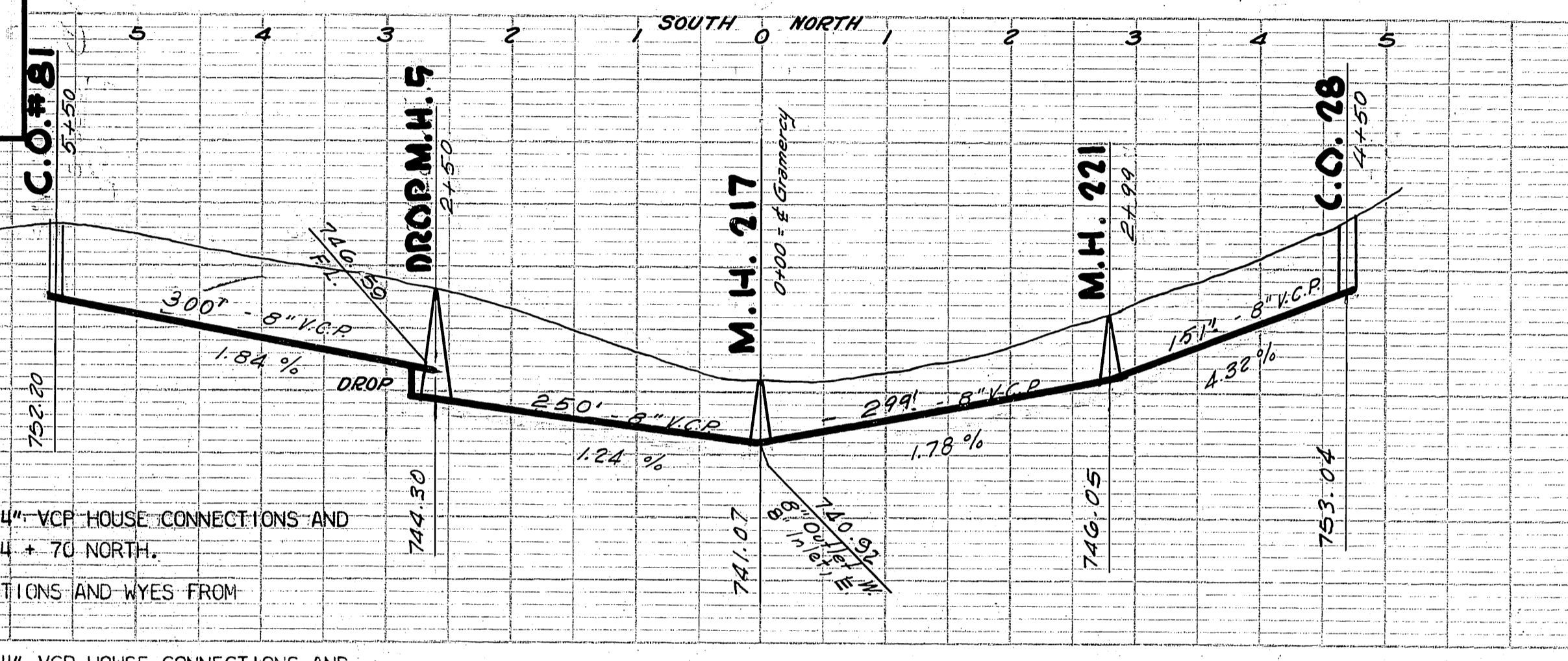
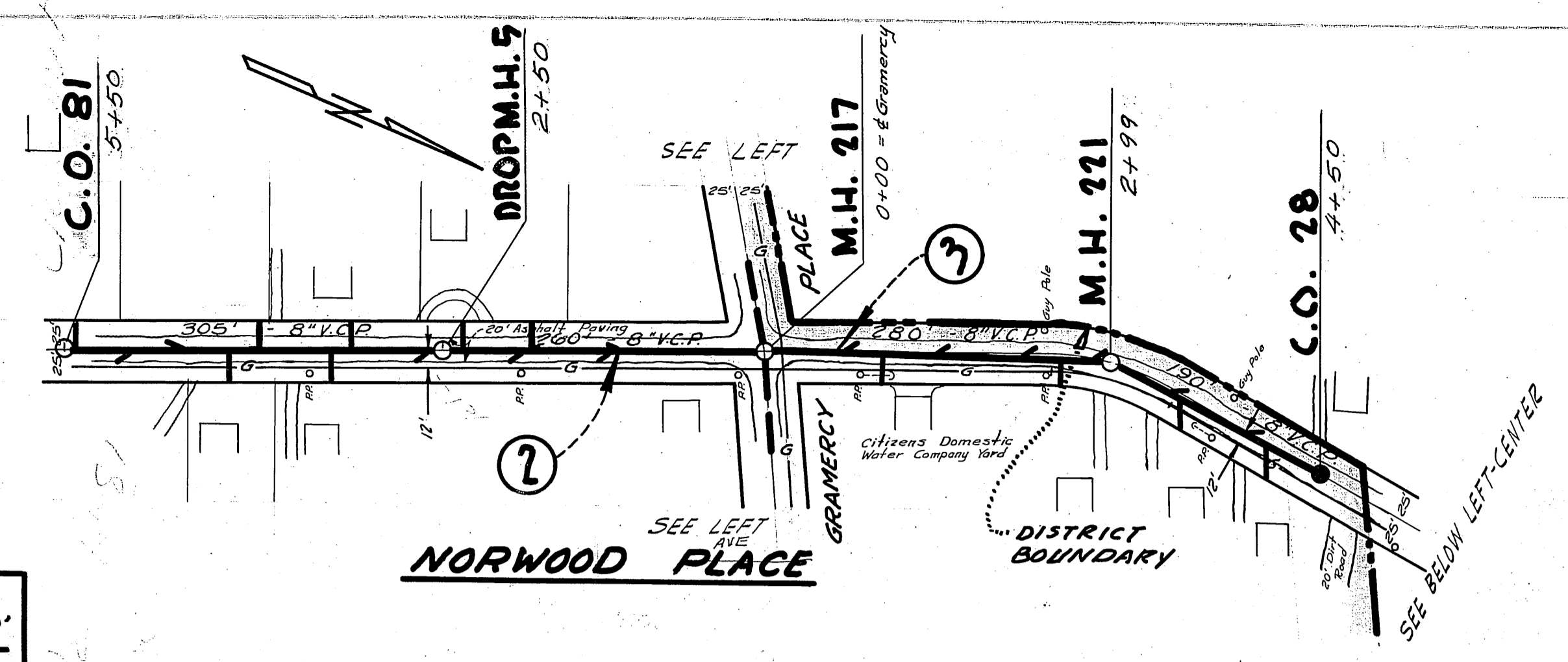
SHEET NO. **16**
 OF 14 SHTS.

PLAN
 SURVEYED
 PLOTTED
 CHECKED
 NO. 1000
 DATE

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 NO. 1000
 DATE



PLAN
 SCALE: 1"=100'
 PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



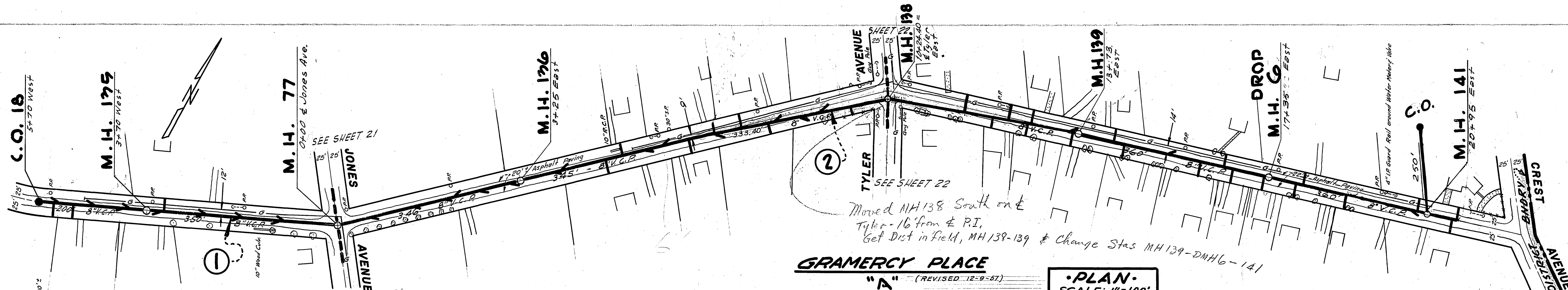
- 1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #192 AT STA. 0+00 TO CLEANOUT #26 AT STA. 15+07.63.
- 2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #217 AT STA. 0+00 TO MANHOLE #222 AT STA. 5+165 SOUTH.
- 3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #217 AT STA. 0+00 TO CLEANOUT #28 AT STA. 4+70 NORTH.
- 4 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #187 AT STA. 0+00 TO MANHOLE #215 AT STA. 12+37.
- 5 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #219 AT STA. 0+00 TO CLEANOUT #27 AT STA. 3+10.

- 6 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #185 AT STA. 0+00 TO MANHOLE #210 AT STA. 3+70.
- 7 CONSTRUCT 8" VCP STUB AND CAP, N.

SCHEDULE "B"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING,
 371 SPURGEON BLDG.,
 SANTA ANA, CALIFORNIA.

DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 ALIGNMENT CHECKED: _____
 NO. _____

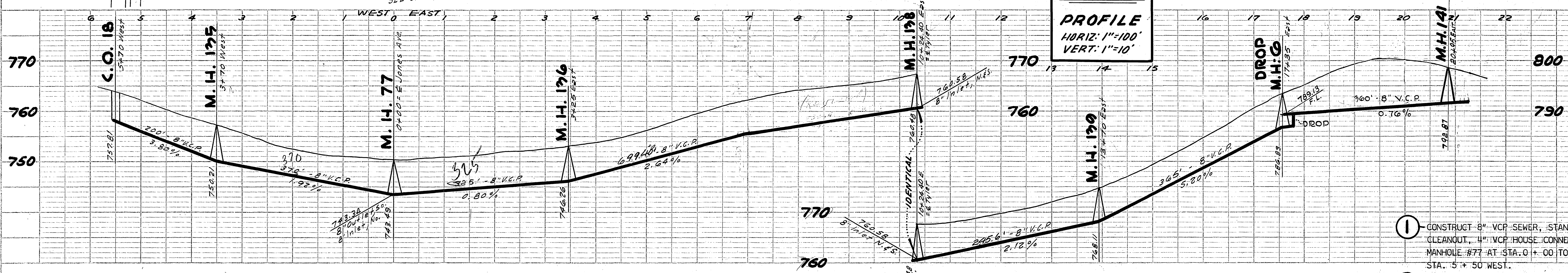
DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 CHANGES CHECKED: _____
 NO. _____



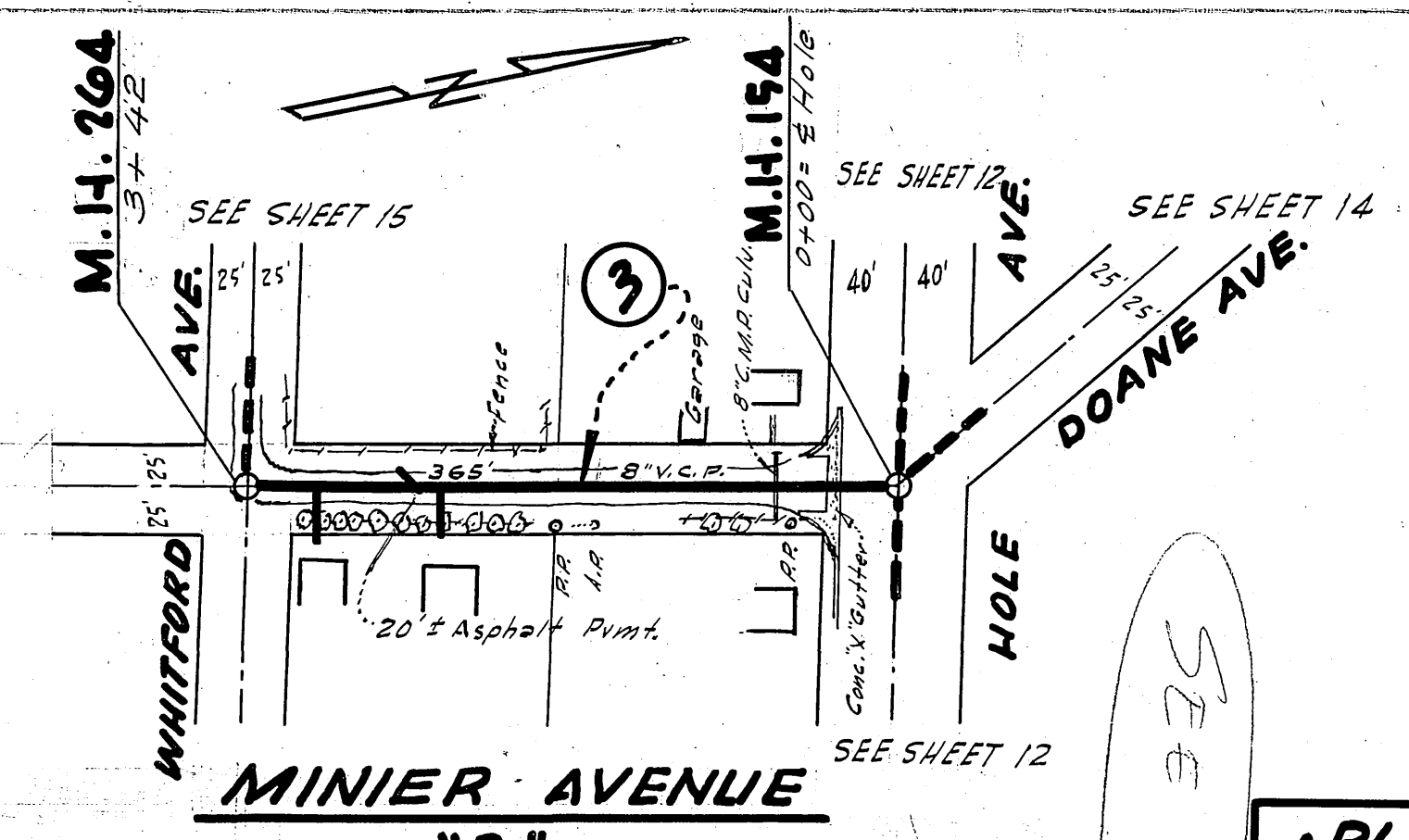
GRAMERCY PLACE
 "A" (REVISED 12-8-87)

PLAN SCALE: 1"=100'

PROFILE HORIZ: 1"=100'
 VERT: 1"=10'

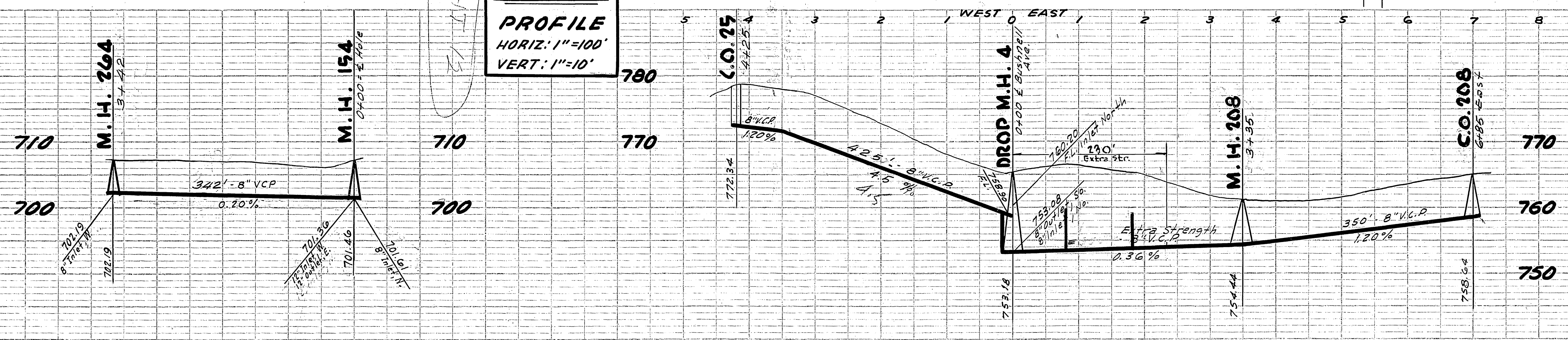


- 1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #77 AT STA. 0+00 TO CLEANOUT #18 AT STA. 5+50 WEST.
- 2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #77 AT STA. 0+00 TO MANHOLE #141 AT STA. 21+16.32 EAST
- 3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #154 AT STA. 0+00 TO MANHOLE #264 AT STA. 3+65
- 4 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, DROP MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM DROP MANHOLE #4 AT STA. 0+00 TO CLEANOUT #25 AT STA. 4+20 WEST
- 5 CONSTRUCT 8" VCP SEWER, CHIMNEYS, STANDARD MANHOLE, DROP MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM DROP MANHOLE #4 AT STA. 0+00 TO MANHOLE #207 AT STA. 3+50 EAST
- 6 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #207 AT STA. 3+50 EAST TO MANHOLE #208 AT STA. 7+00 EAST



PLAN SCALE: 1"=100'

PROFILE HORIZ: 1"=100'
 VERT: 1"=10'

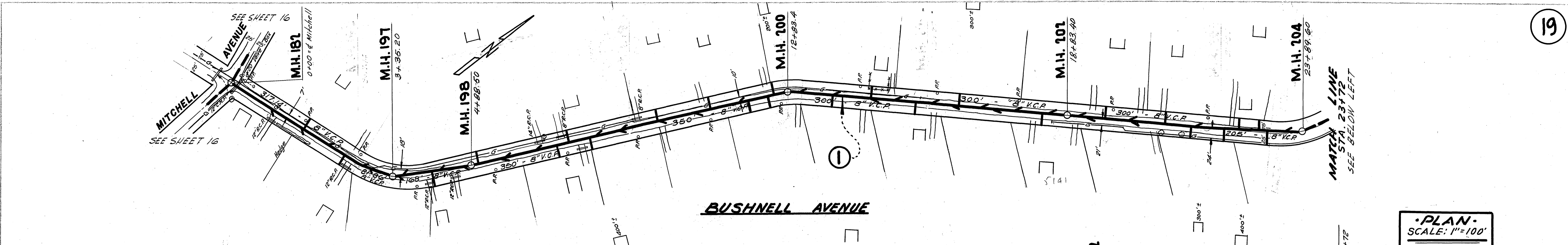


SCHEDULES "A" & "B"

LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING
 371 SPURGEON BUILD.
 SANTA ANA, CALIFORNIA

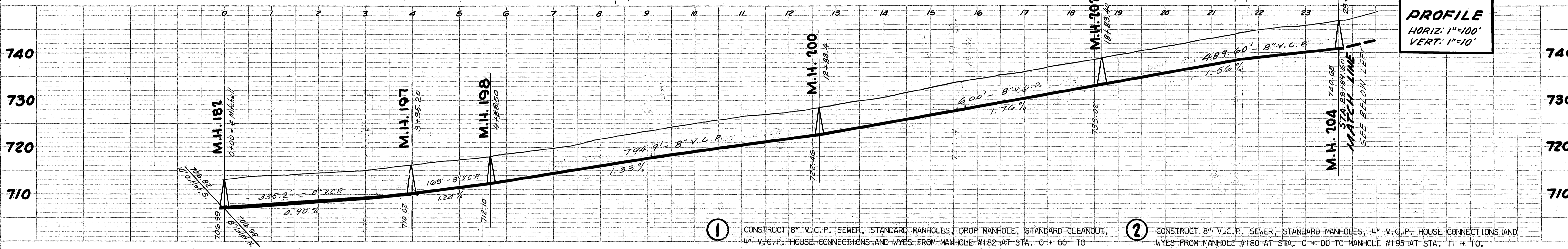
SHEET NO. 18
 OF 14 SHEETS

S-497-418



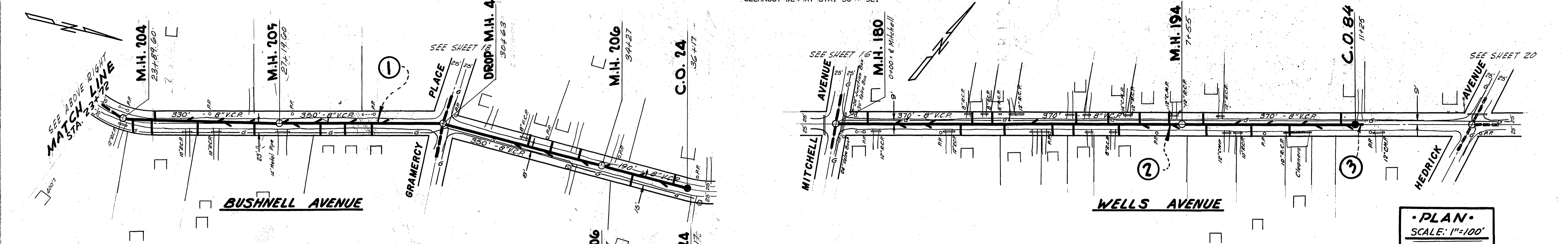
PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



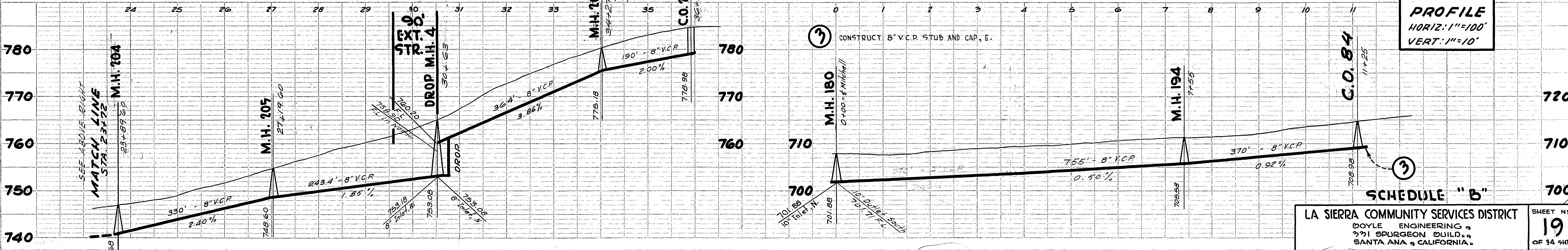
① CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, DROP MANHOLE, STANDARD CLEANOUT, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #182 AT STA. 0+00 TO CLEANOUT #24 AT STA. 35+92.

② CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM MANHOLE #180 AT STA. 0+00 TO MANHOLE #195 AT STA. 11+10.



PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



③ CONSTRUCT 8" V.C.P. STUB AND CAP, E.

SCHEDULE "B"

LA SIERRA COMMUNITY SERVICES DISTRICT
DOYLE ENGINEERING &
371 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

SHEET No
19
OF 34 SHEETS.

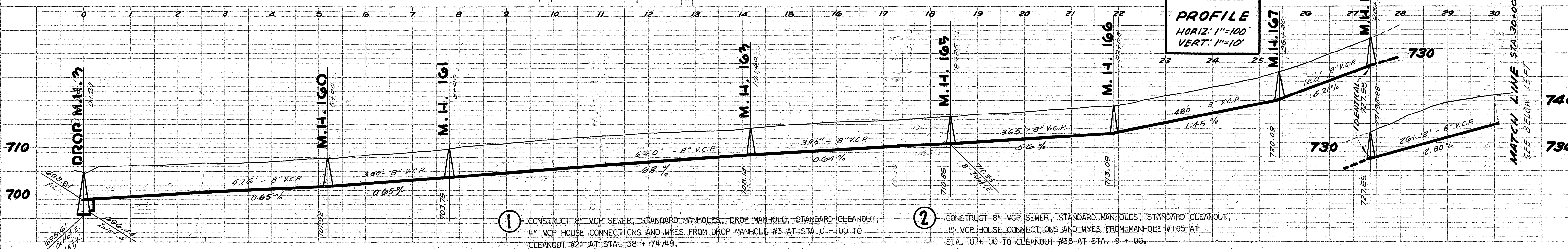
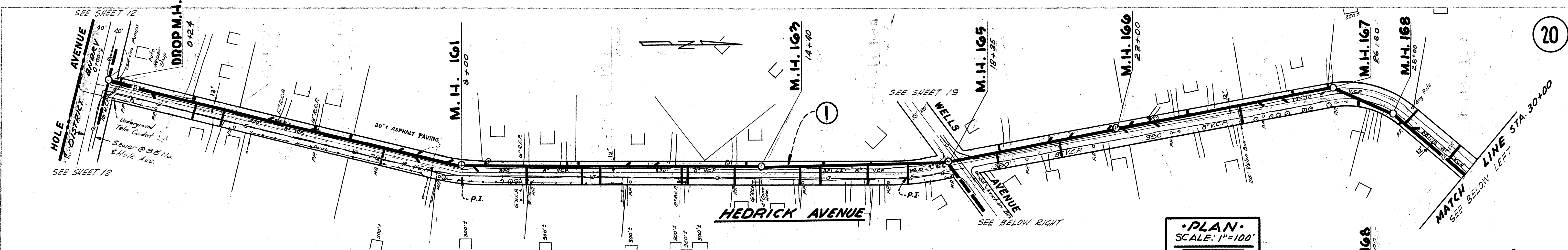
S-497-D-418

PLAN SURVEYED, PLOTTED, CHECKED, DATE: BY: NO. OF WAY CHECKED.

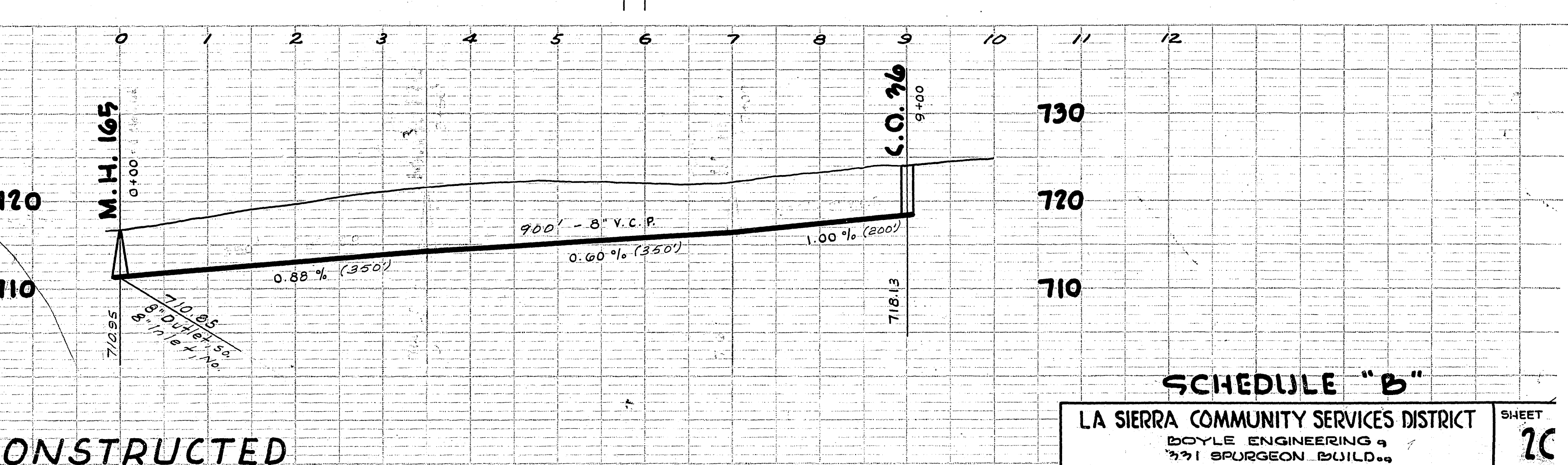
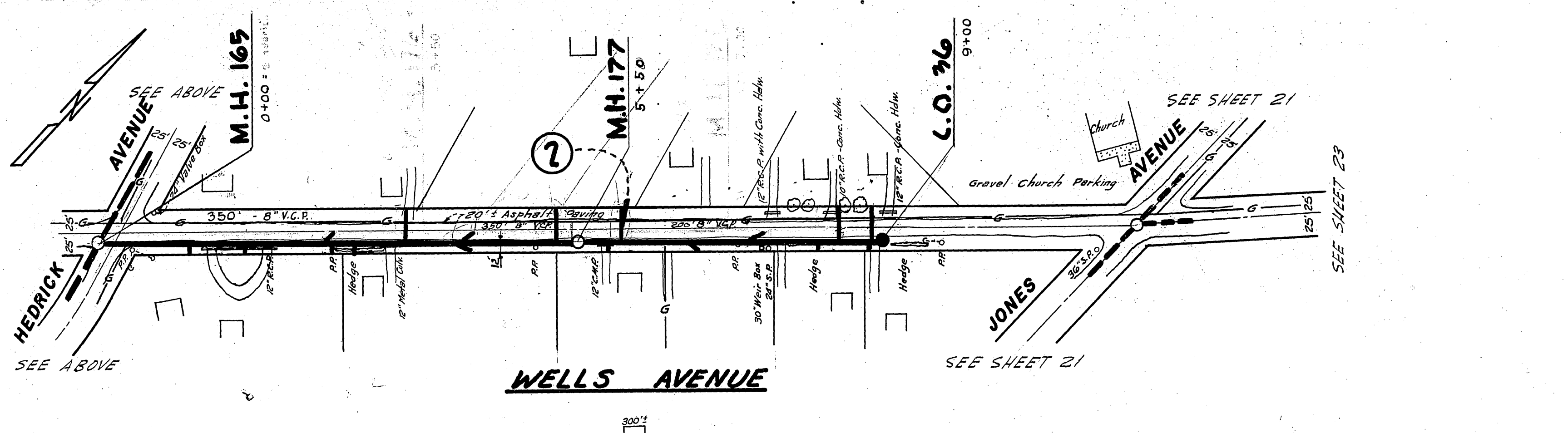
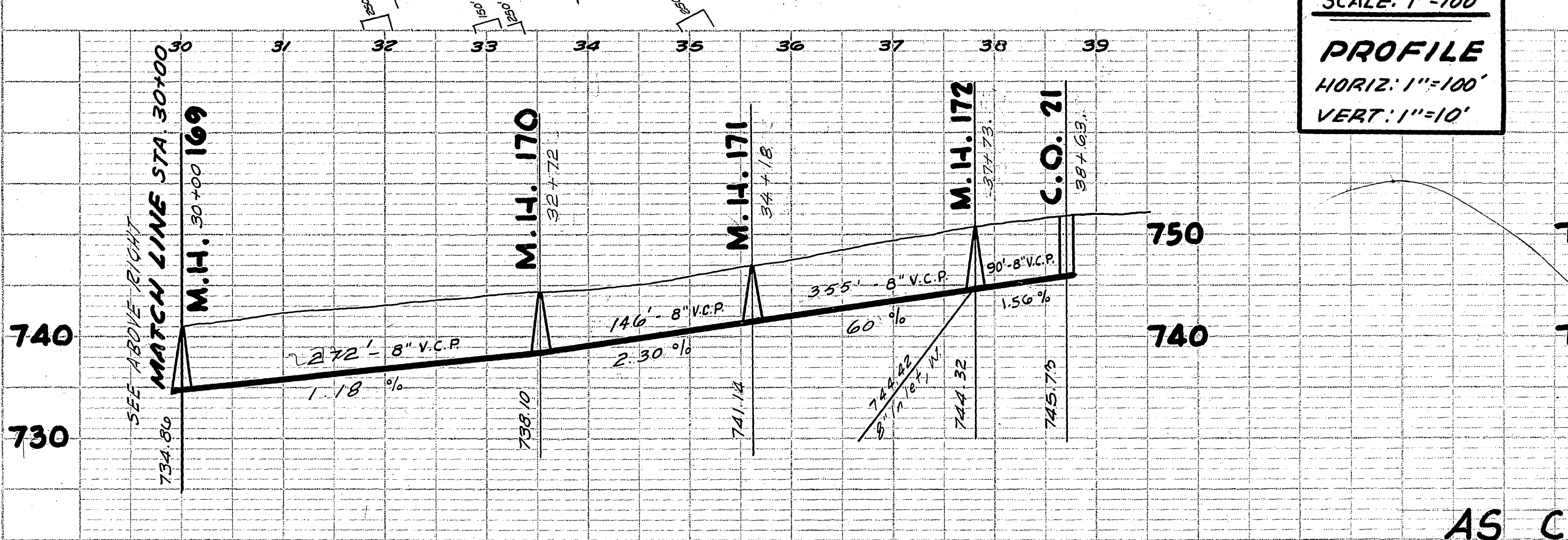
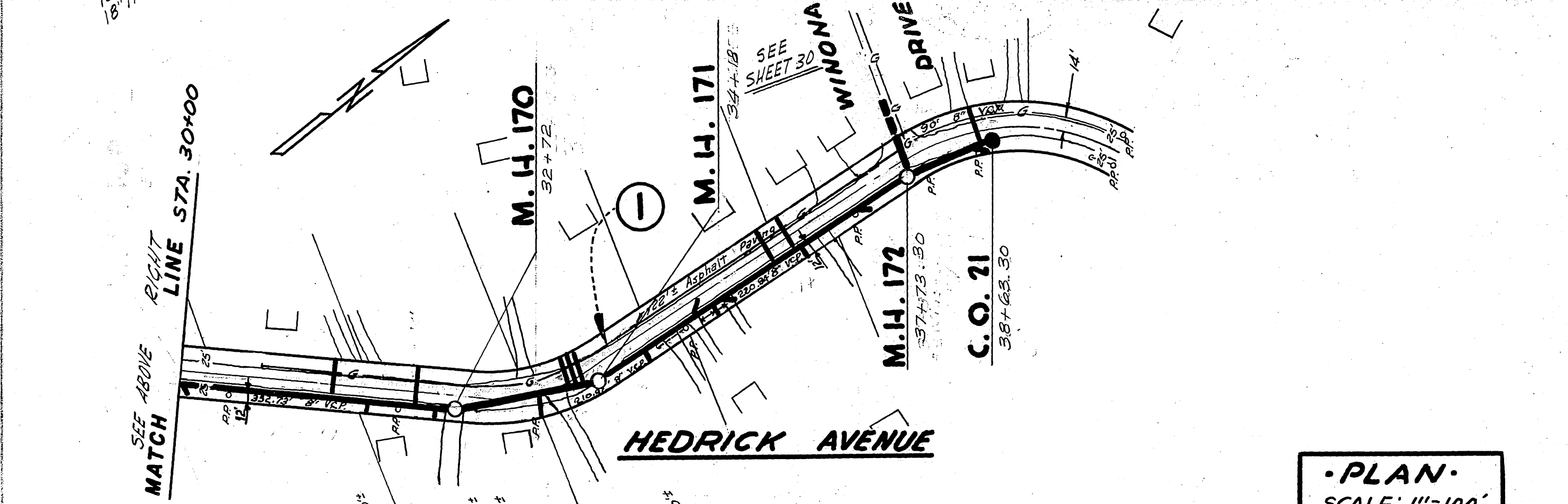
PROFILE SURVEYED, PLOTTED, CHECKED, DATE: BY: NO. OF WAY CHECKED.

PLAN SURVEYED, PLOTTED, AND CHECKED BY: []
 DATE: []
 NOTE BOOK NO. []
 FIELD BOOK NO. []
 STRUCTURE NOTATIONS CH. 10

PROFILE SURVEYED, PLOTTED, AND CHECKED BY: []
 DATE: []
 NOTE BOOK NO. []
 FIELD BOOK NO. []
 STRUCTURE NOTATIONS CH. 10



- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM DROP MANHOLE #3 AT STA. 0+00 TO CLEANOUT #21 AT STA. 38+74.49.
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #165 AT STA. 0+00 TO CLEANOUT #36 AT STA. 9+00.



PLAN
 SCALE: 1"=100'
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

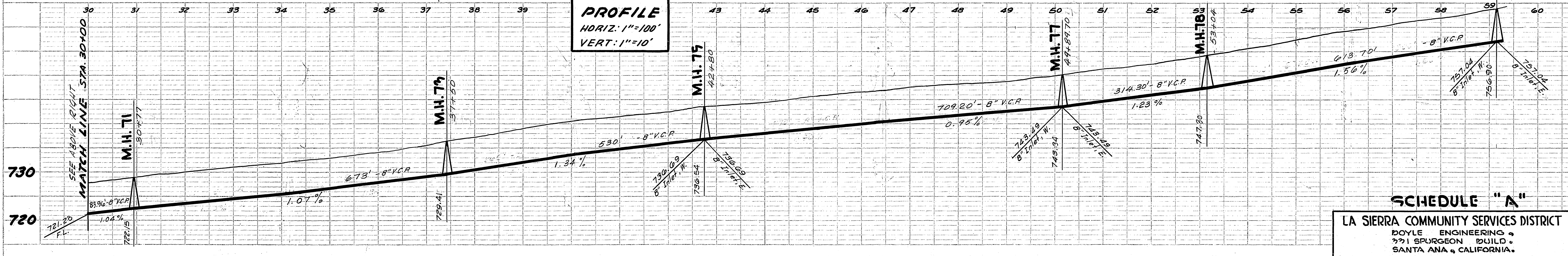
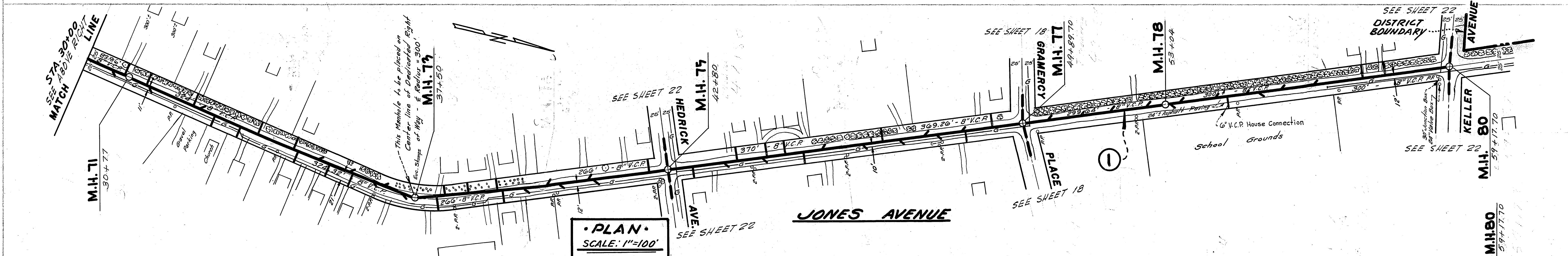
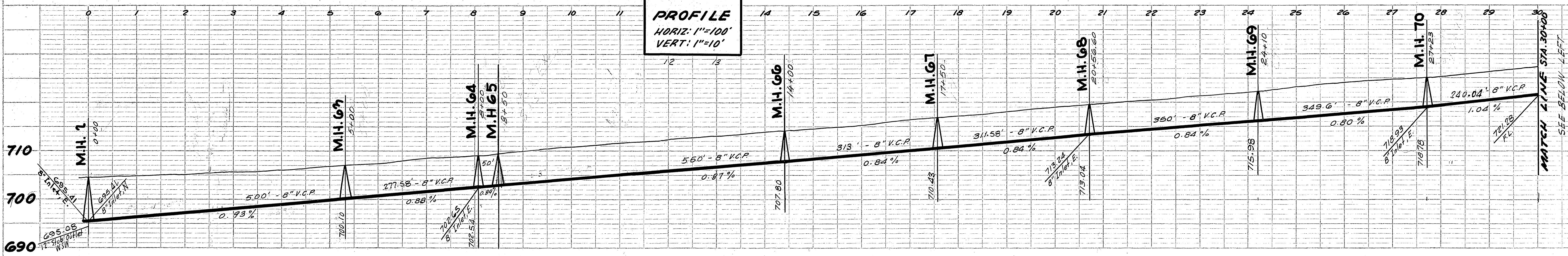
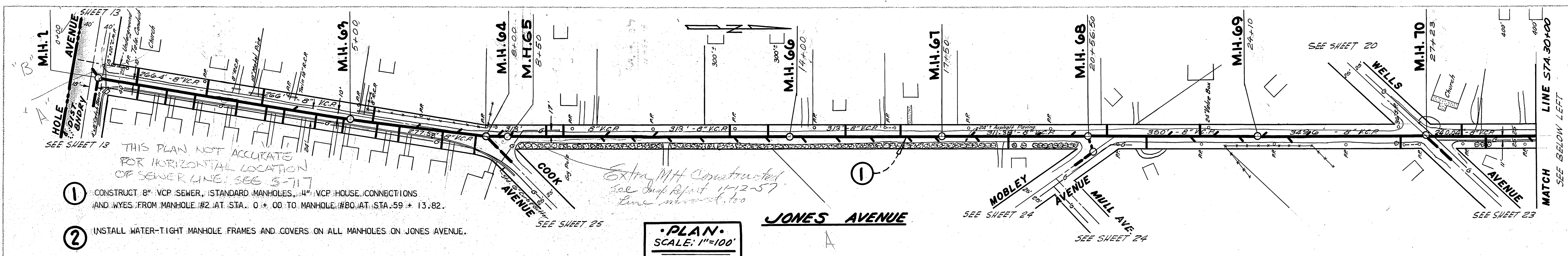
AS CONSTRUCTED

SCHEDULE "B"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING & ARCHITECTS
 371 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA

SHEET 20 OF 34

S-4970-#1

PLATE 3 - PLAN - PROFILE - C.P. & P.E. STANDARD
 REPAIR & EST. CO., NEW YORK



SCHEDULE "A"

LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING &
371 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

SHEET NO. 21
OF 34 SHTS.

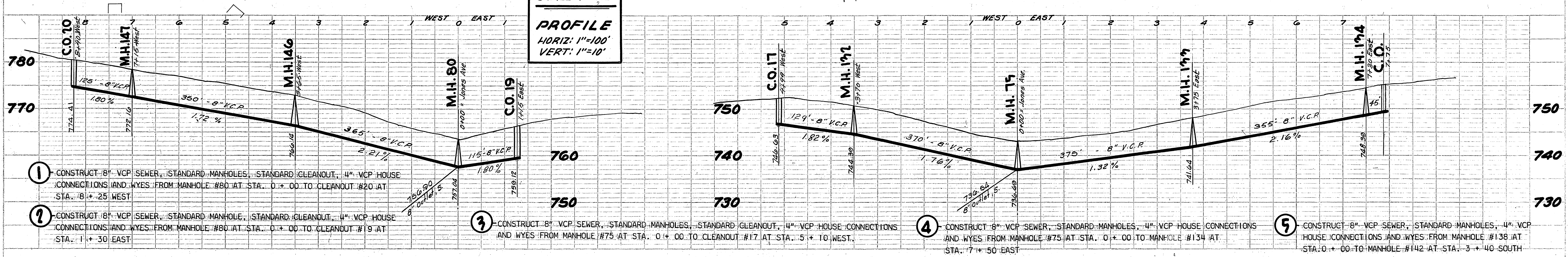
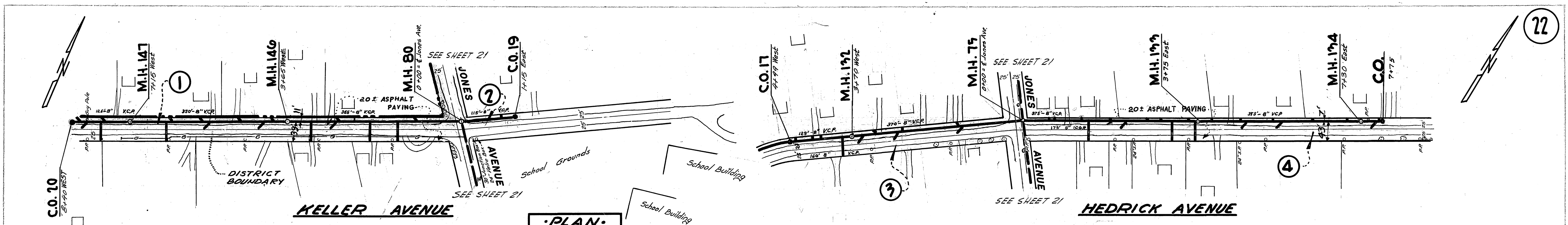
PLAN
DATE: 11/2/57
DRAWN BY: [Name]
CHECKED BY: [Name]
NOTE: BOOK ALIGNMENT CHECKED.
NO. OF W/L CHECKED: [Number]

PROFILE
DATE: 11/2/57
DRAWN BY: [Name]
CHECKED BY: [Name]
NOTE: BOOK ALIGNMENT CHECKED.
NO. OF W/L CHECKED: [Number]

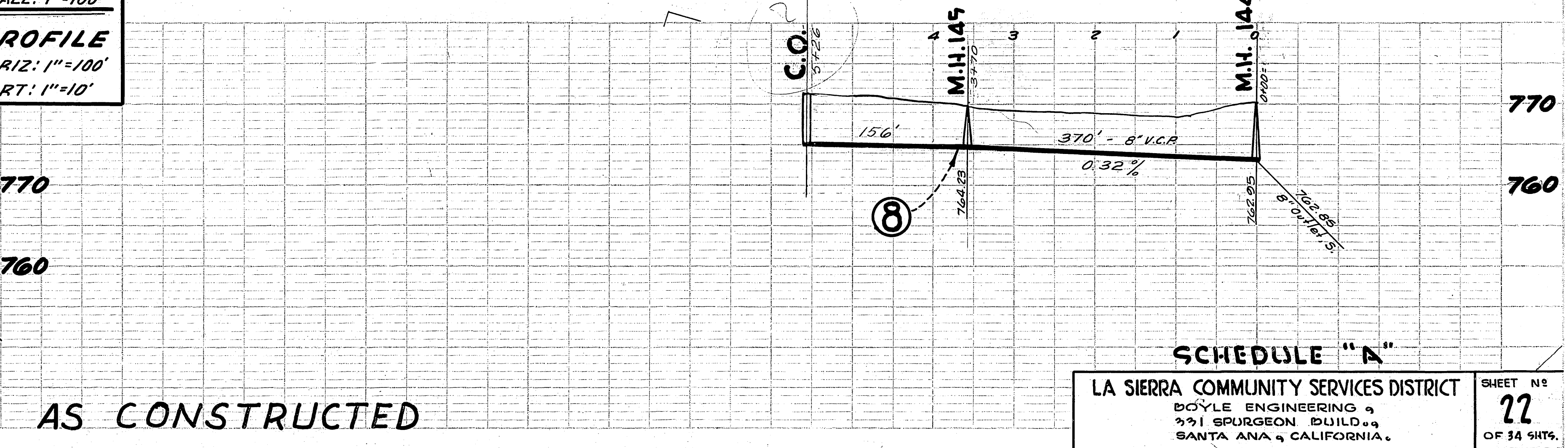
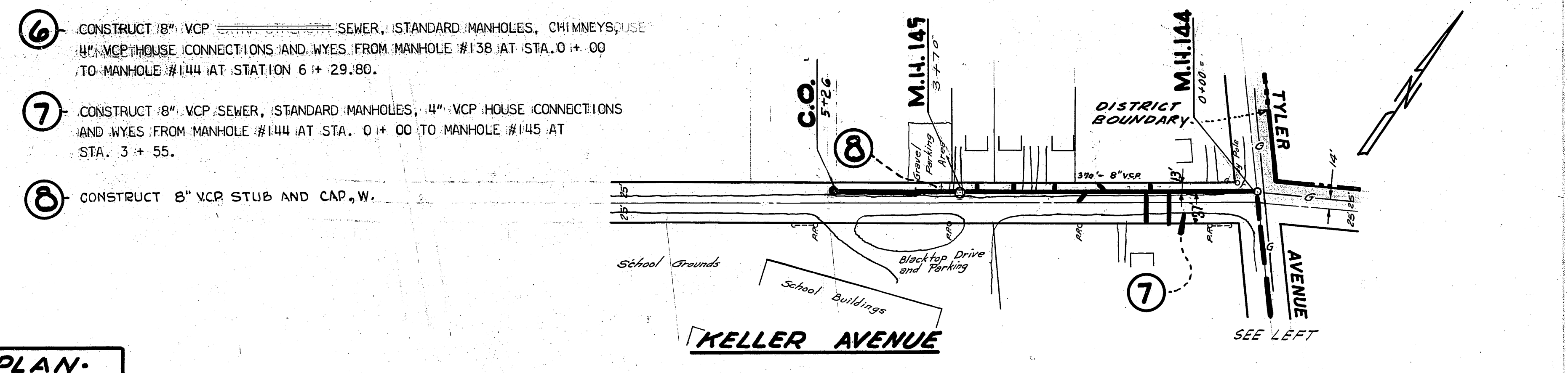
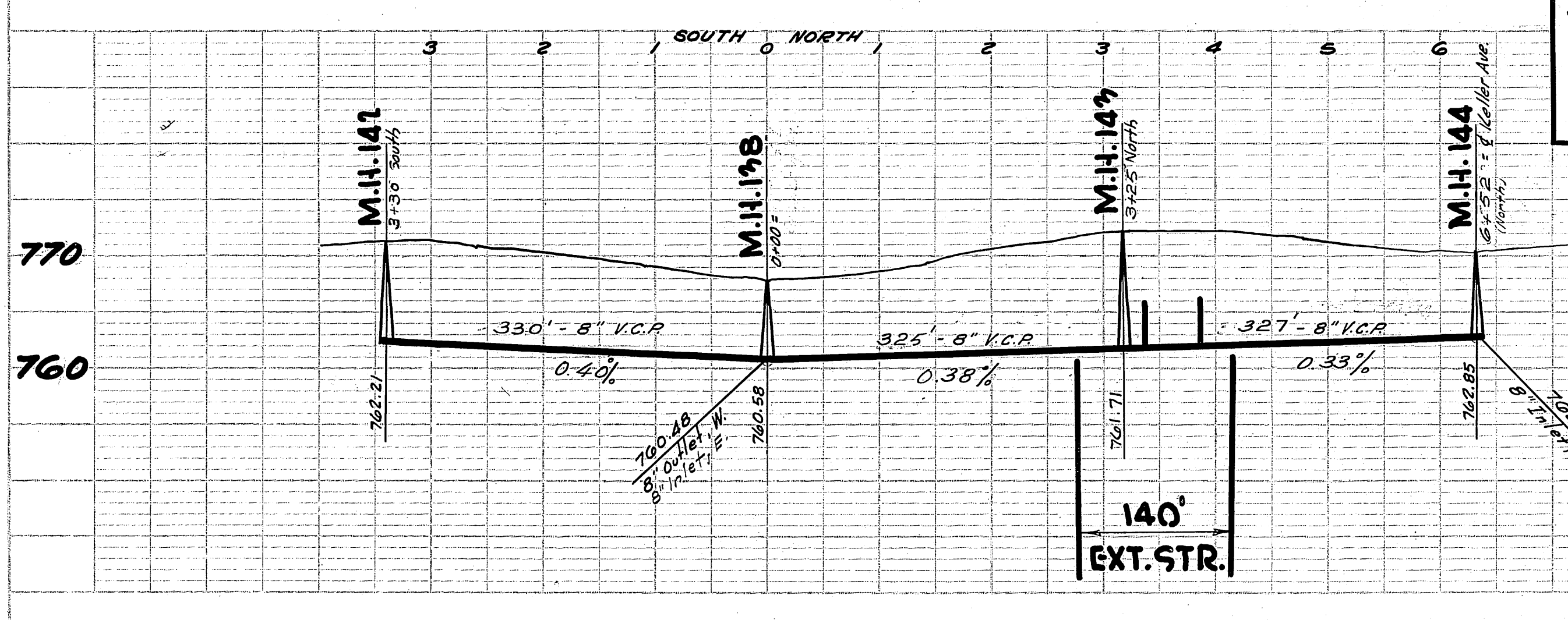
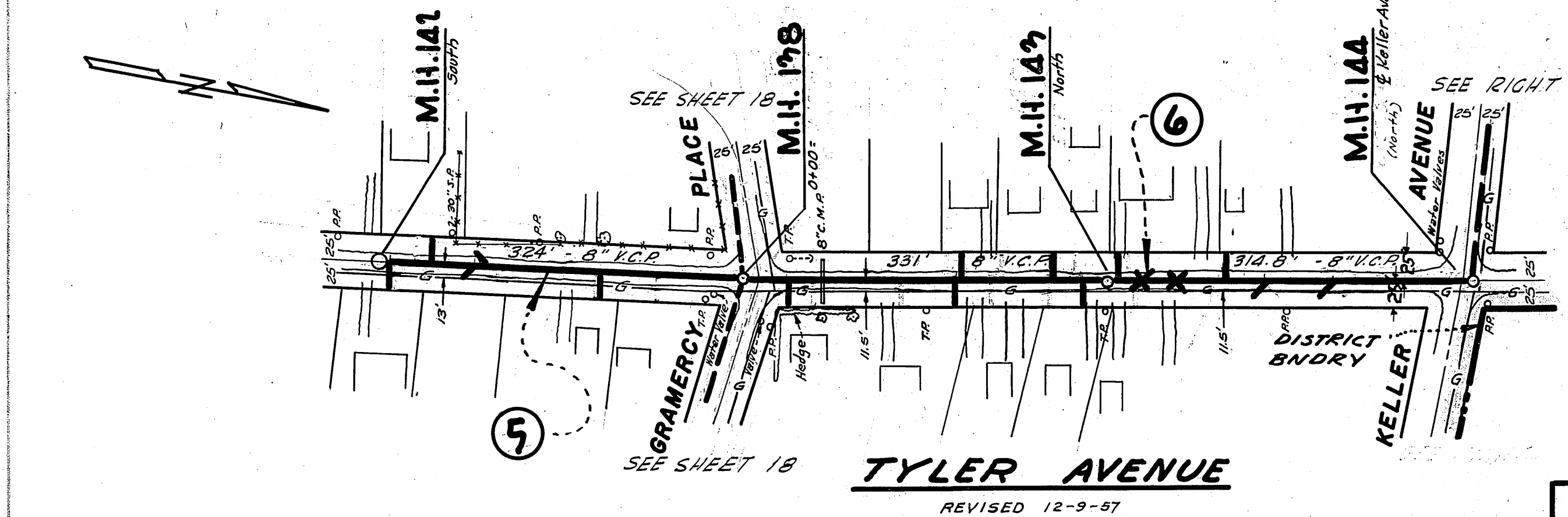
S-497-418
Constructed but Not As-built *11/16/80*

DATE: _____ BY: _____
 CHECKED: _____
 DRAWN: _____
 NO. _____

DATE: _____ BY: _____
 CHECKED: _____
 DRAWN: _____
 NO. _____



- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #80 AT STA. 0+00 TO CLEANOUT #20 AT STA. 8+25 WEST.
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #80 AT STA. 0+00 TO CLEANOUT #19 AT STA. 1+30 EAST.
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #75 AT STA. 0+00 TO CLEANOUT #17 AT STA. 5+10 WEST.
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #75 AT STA. 0+00 TO MANHOLE #138 AT STA. 7+50 EAST.
- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #138 AT STA. 0+00 TO MANHOLE #142 AT STA. 3+40 SOUTH.
- ⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, CHIMNEYS, USE 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #138 AT STA. 0+00 TO MANHOLE #144 AT STATION 6+29.80.
- ⑦ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #144 AT STA. 0+00 TO MANHOLE #145 AT STA. 3+55.
- ⑧ CONSTRUCT 8" VCP STUB AND CAP, W.



PLAN
 SCALE: 1"=100'
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

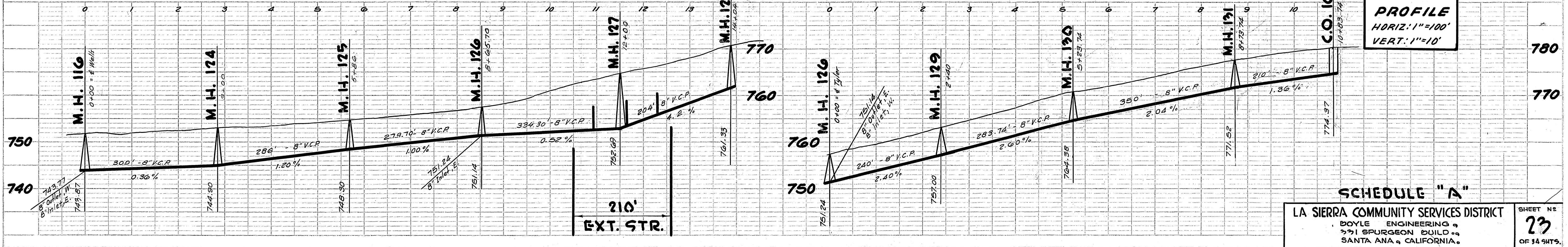
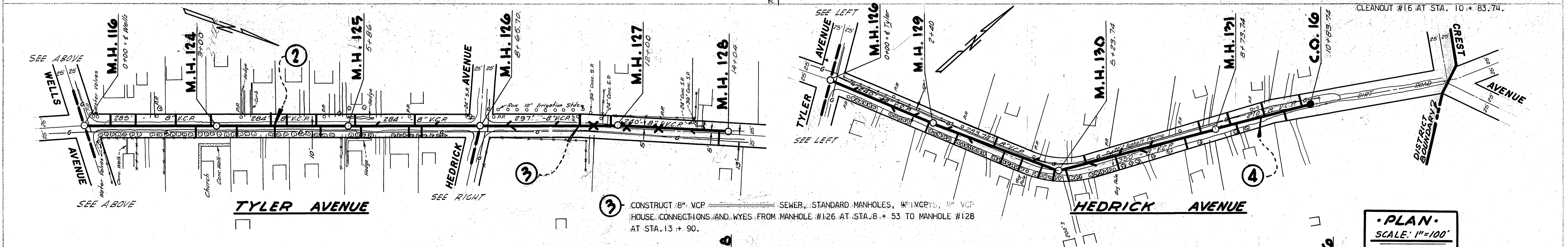
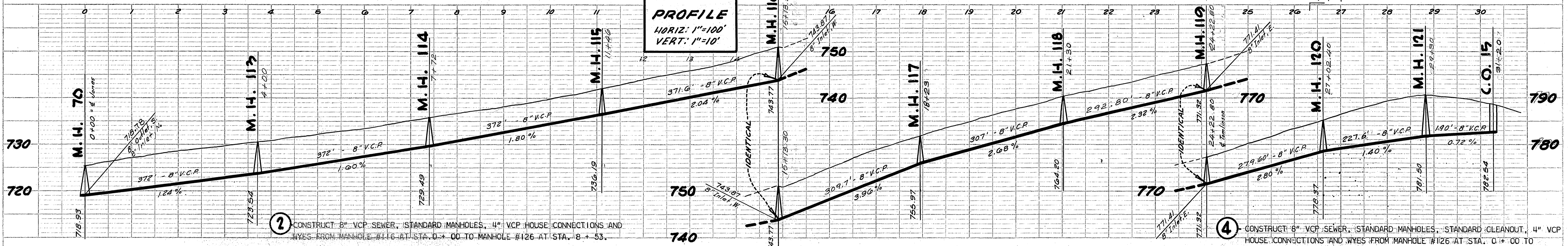
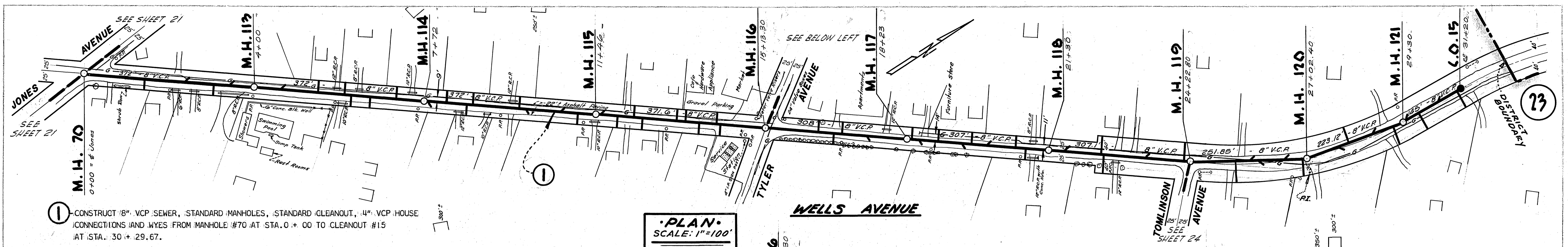
AS CONSTRUCTED

SCHEDULE "A"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING &
 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA
 SHEET NO. 22
 OF 34 SHEETS

S-497-418

PLAN
 REVISIONS
 NO. DATE BY
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100

PROFILE
 REVISIONS
 NO. DATE BY
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100

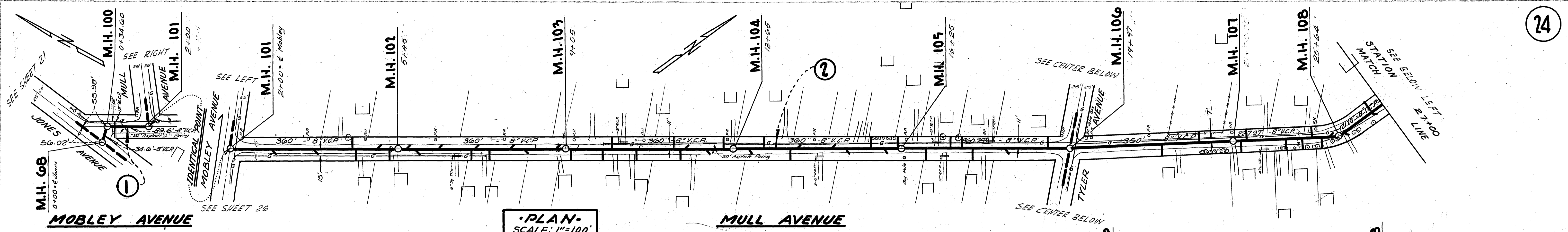


SCHEDULE "A"

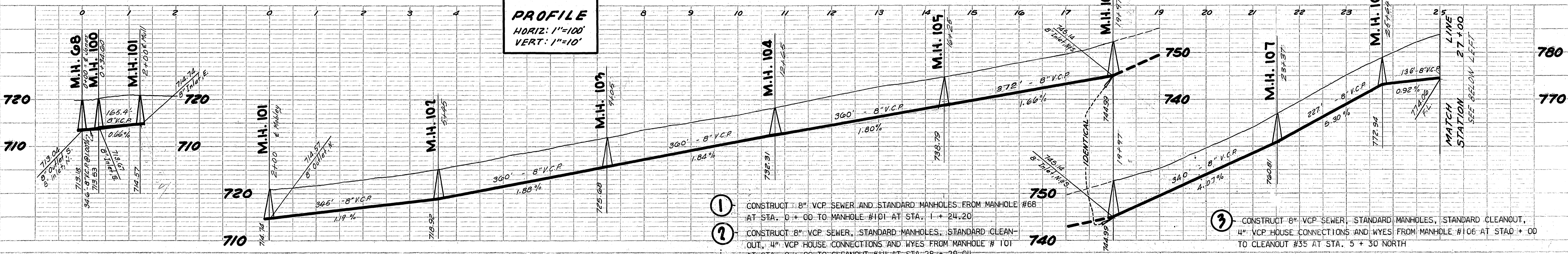
LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING
 331 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA

SHEET NO. **23**
 OF 34 SHEETS

PLAN
 DATE: _____ BY: _____
 CHECKED: _____
 NO. _____
 NOTE BOOK NO. _____
 FILE NO. _____
 CHECKED BY: _____
 DATE: _____



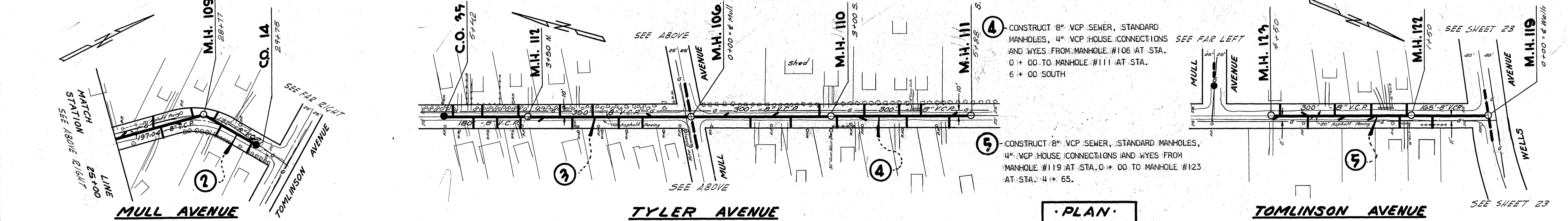
PLAN
 SCALE: 1"=100'



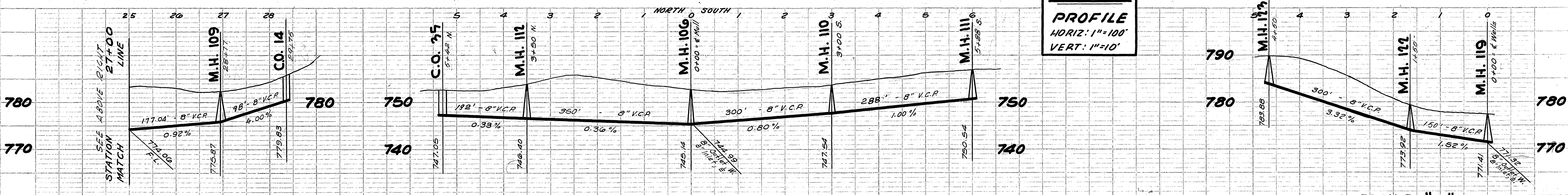
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

- ① CONSTRUCT 8" VCP SEWER AND STANDARD MANHOLES FROM MANHOLE #68 AT STA. 0+00 TO MANHOLE #101 AT STA. 1+24.20
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #101 AT STA. 0+00 TO CLEANOUT #14 AT STA. 28+29.04
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #106 AT STA. 0+00 TO CLEANOUT #35 AT STA. 5+30 NORTH
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #106 AT STA. 0+00 TO MANHOLE #111 AT STA. 6+00 SOUTH
- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #119 AT STA. 0+00 TO MANHOLE #123 AT STA. 4+65.

PROFILE
 DATE: _____ BY: _____
 CHECKED: _____
 NO. _____
 NOTE BOOK NO. _____
 FILE NO. _____
 CHECKED BY: _____
 DATE: _____



PLAN
 SCALE: 1"=100'



PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

SCHEDULE "A"

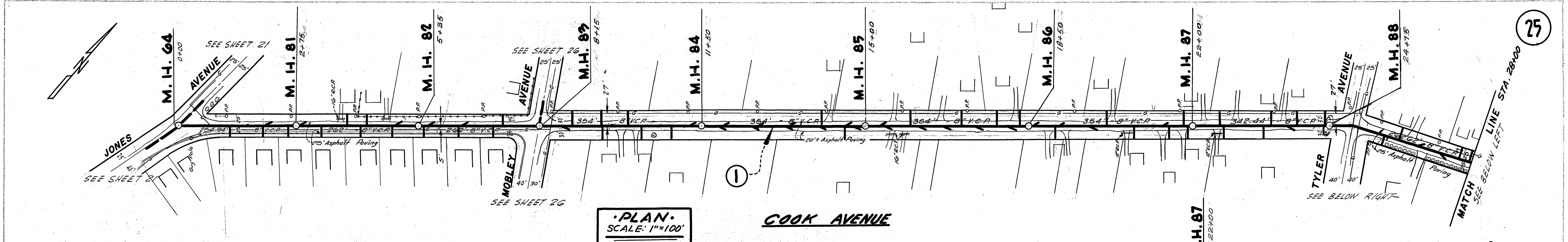
LA SIERRA COMMUNITY SERVICES DISTRICT
 DOYLE ENGINEERING
 371 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA

SHEET NO.
24
 OF 34 SHEETS

S-497-418

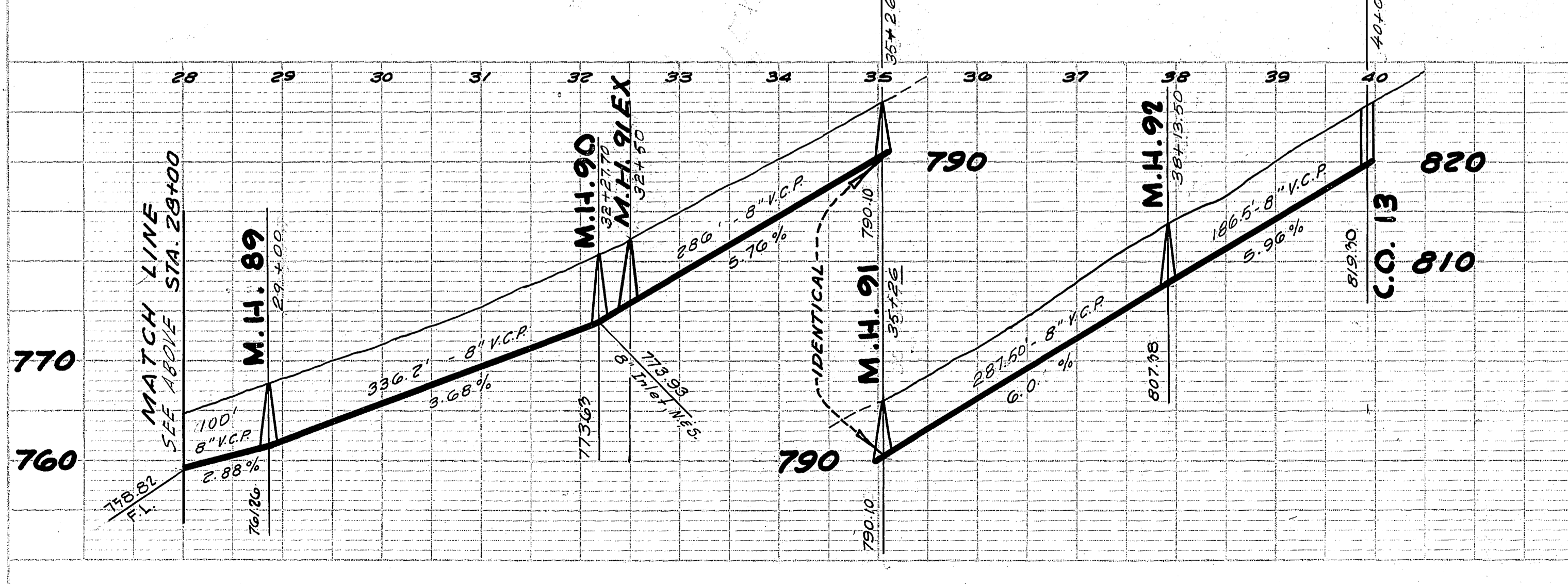
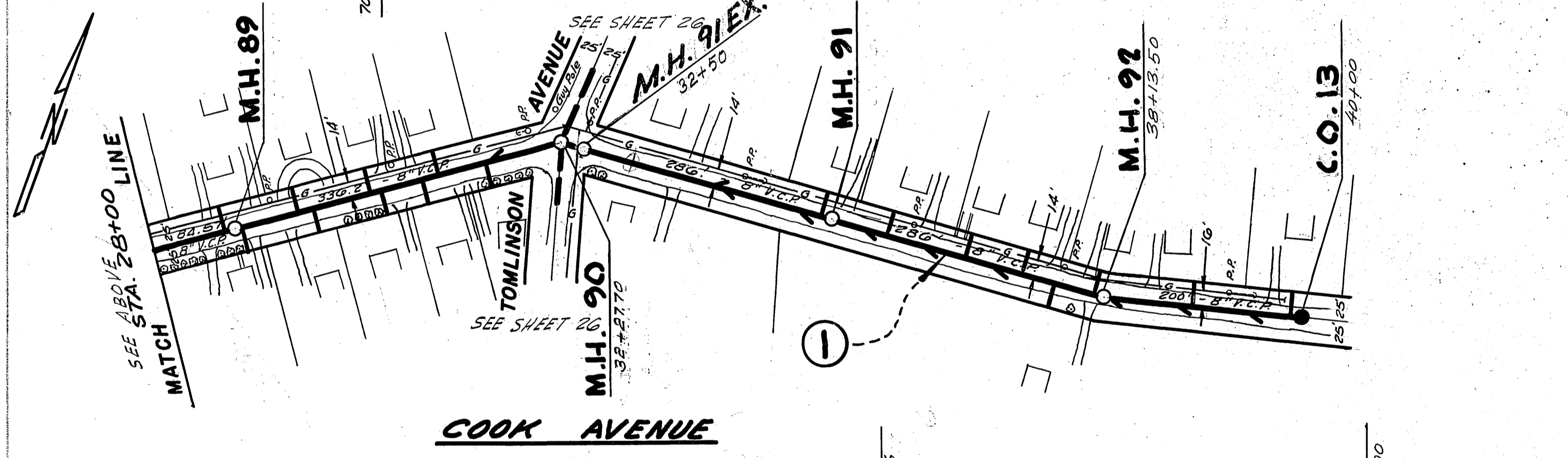
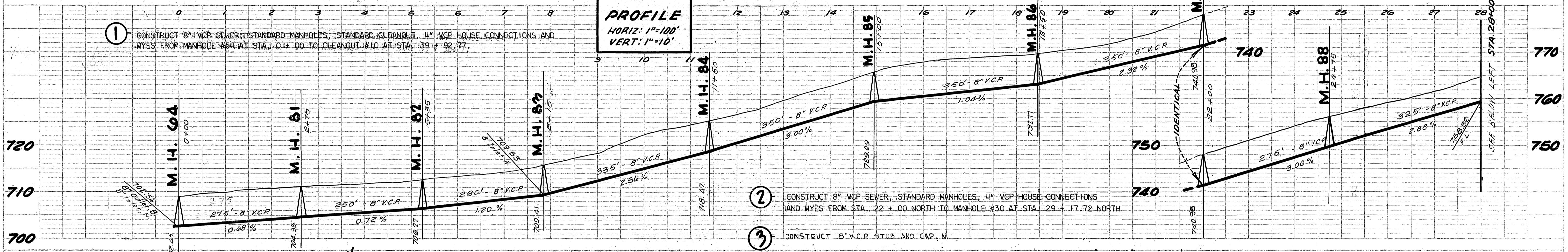
DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 IN CHARGE: _____
 PROJECT: _____
 SHEET NO.: _____
 OF _____ SHEETS

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 IN CHARGE: _____
 PROJECT: _____
 SHEET NO.: _____
 OF _____ SHEETS



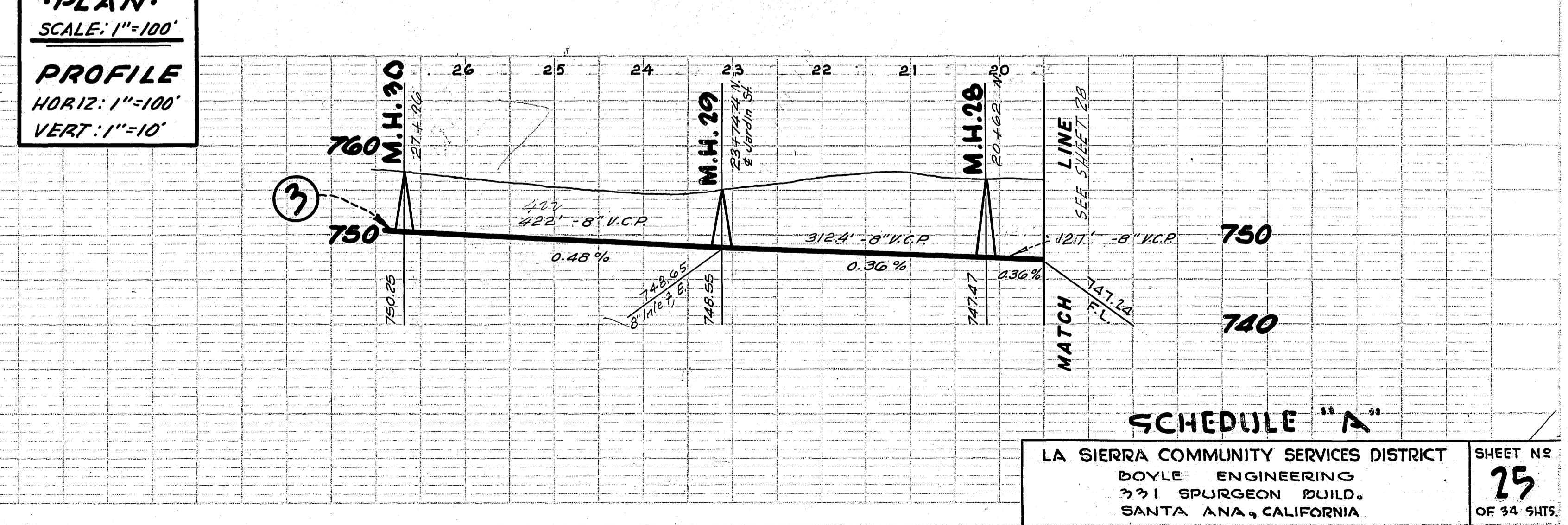
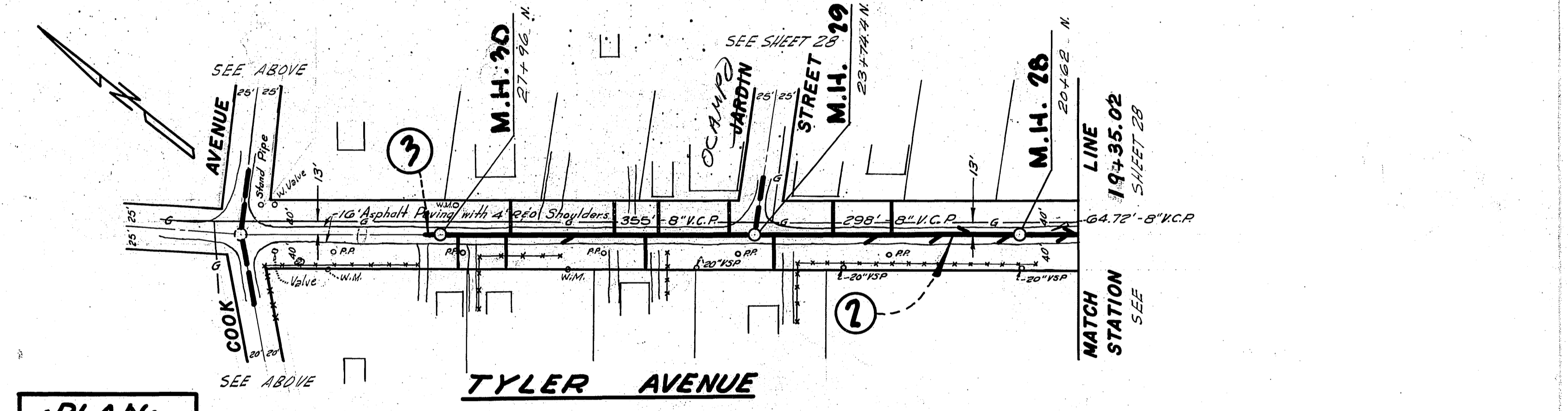
PLAN
 SCALE: 1"=100'

PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



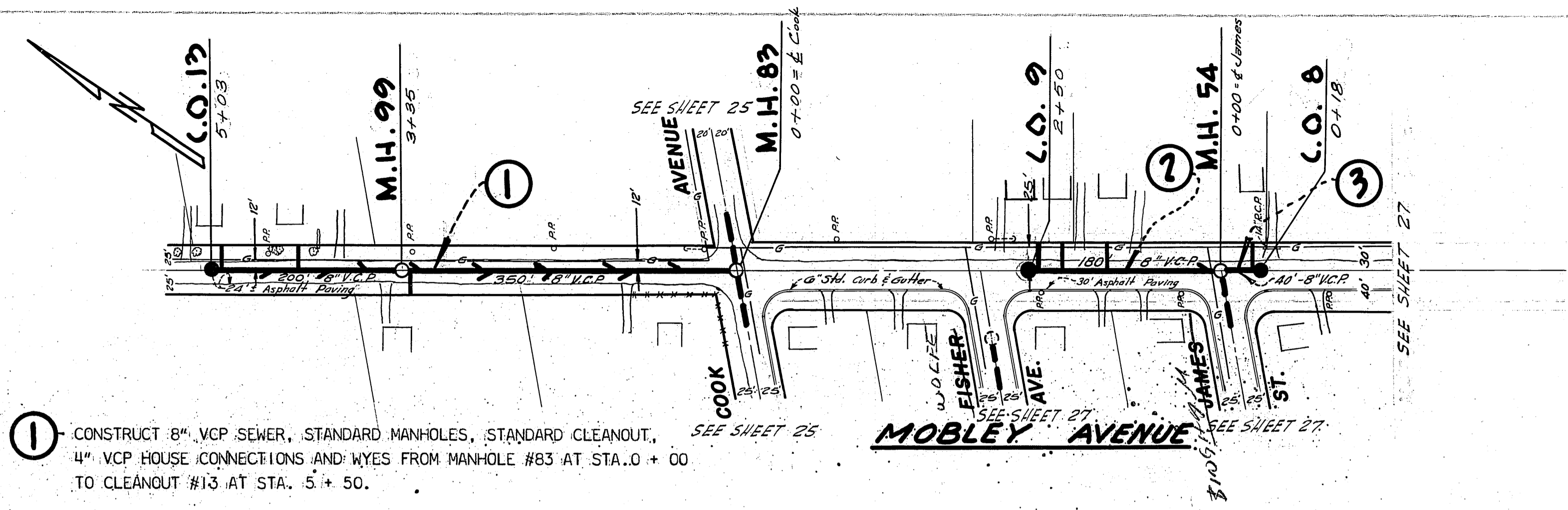
PLAN
 SCALE: 1"=100'

PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

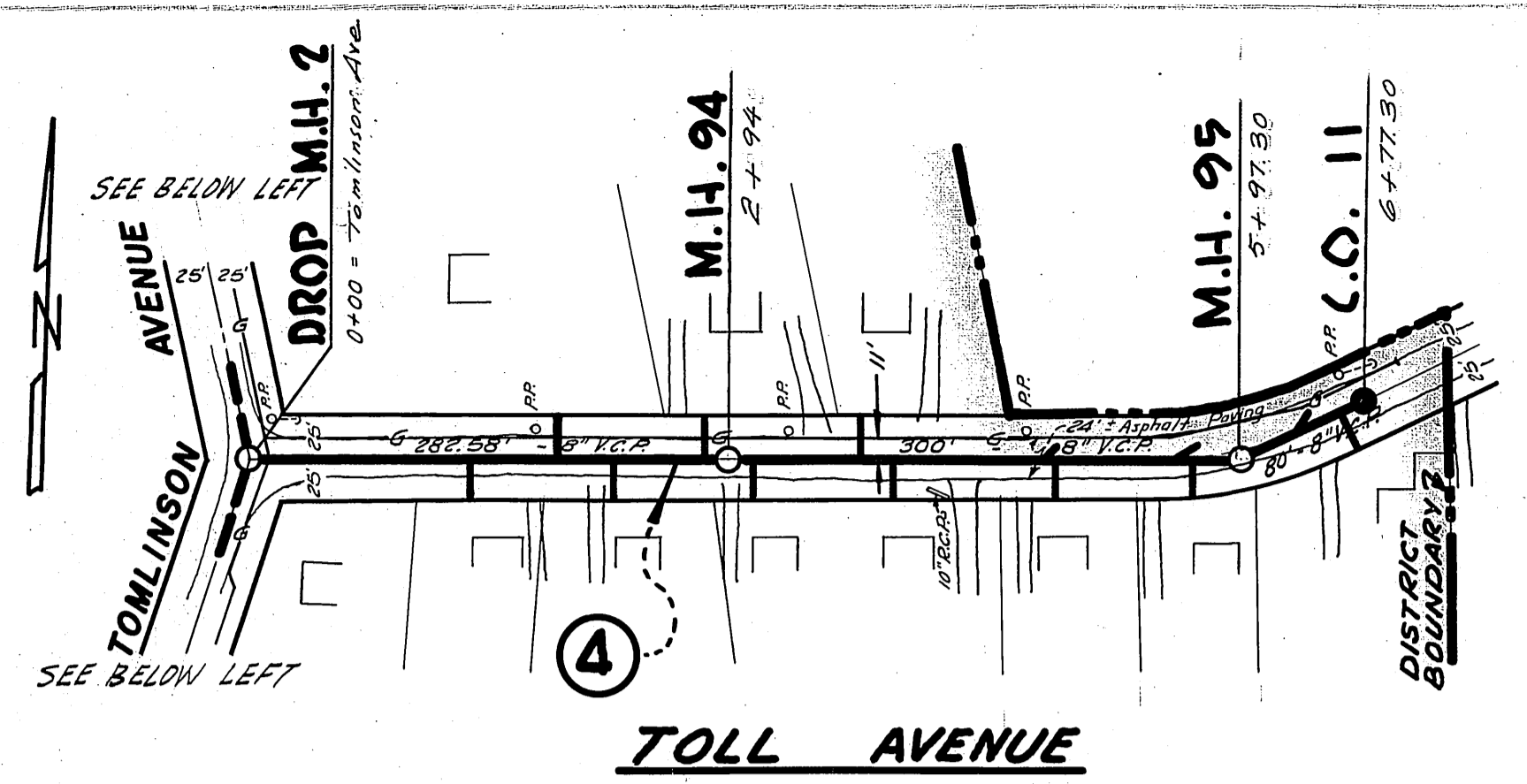


SCHEDULE "A"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING
 771 SPURGEON BUILD.
 SANTA ANA, CALIFORNIA

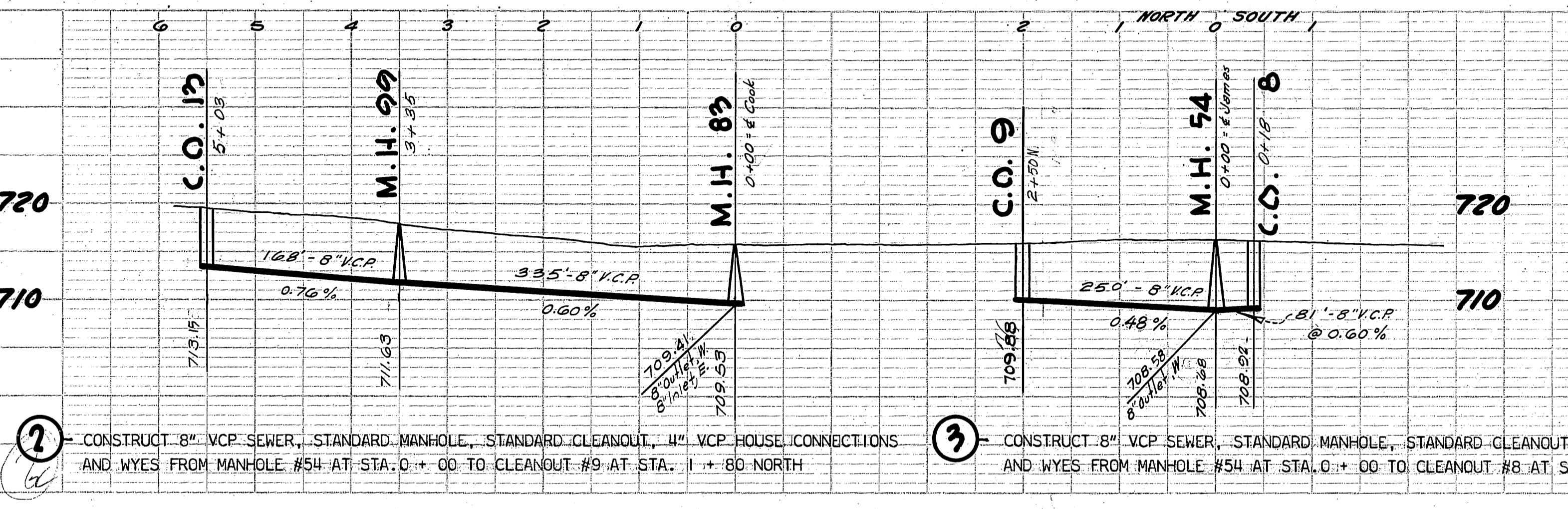
SHEET NO. **25**
 OF 34 SHEETS



① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #83 AT STA. 0 + 00 TO CLEANOUT #13 AT STA. 5 + 50.

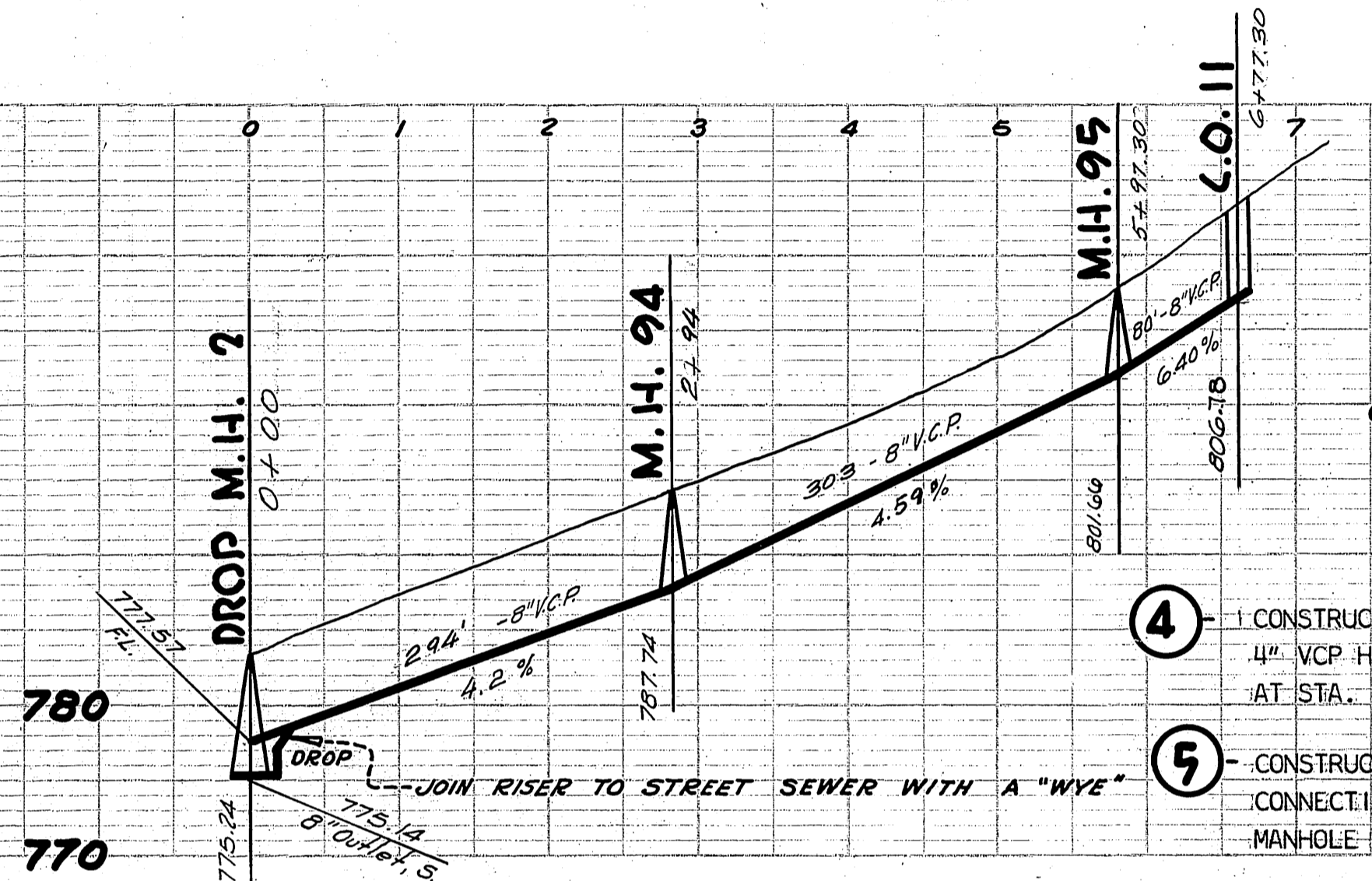


•PLAN•
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



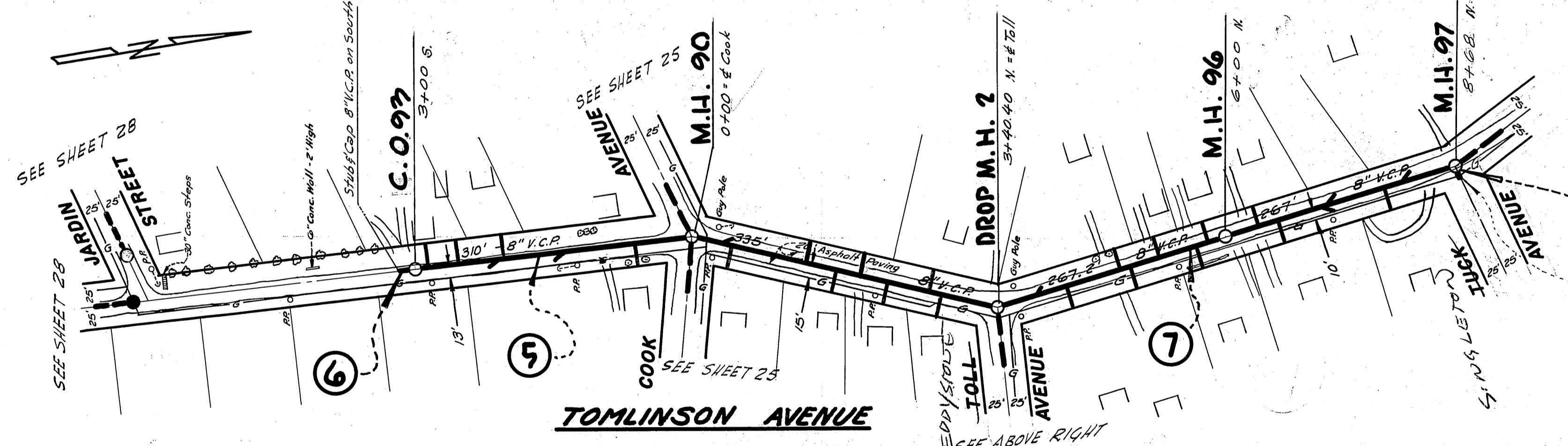
② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #54 AT STA. 0 + 00 TO CLEANOUT #9 AT STA. 1 + 80 NORTH

③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #54 AT STA. 0 + 00 TO CLEANOUT #8 AT STA. 0 + 40 SOUTH



④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, 4" VCP HOUSE CONNECTIONS AND WYES FROM DROP MANHOLE #2 AT STA. 0 + 00 TO CLEANOUT #11 AT STA. 6 + 62.58.

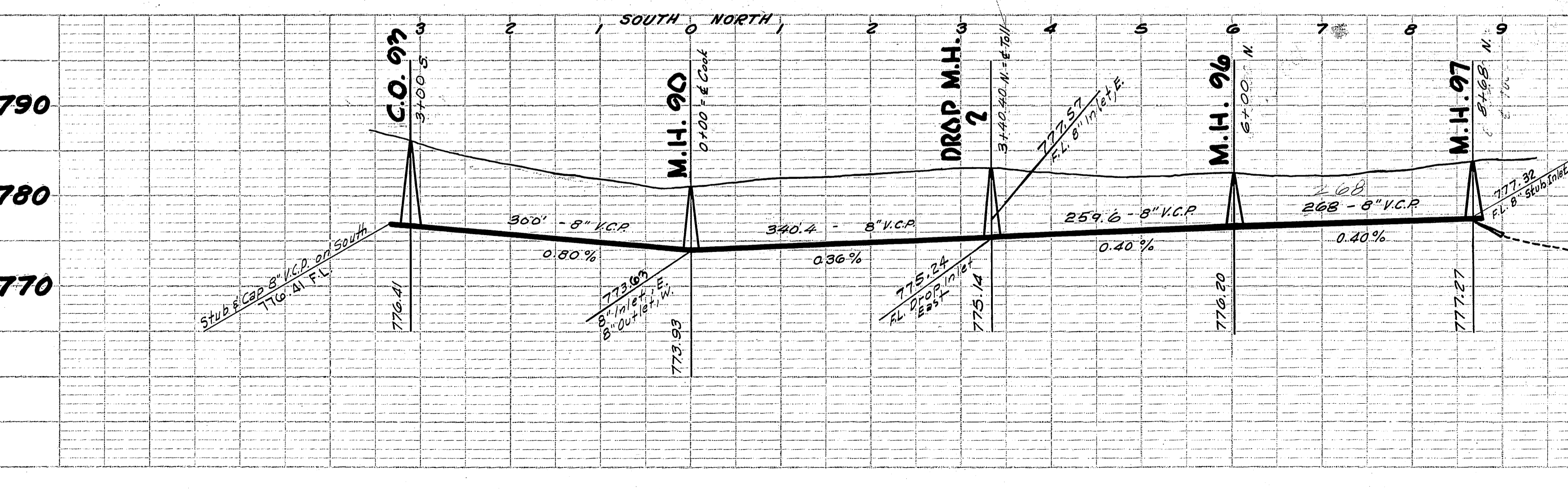
⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #90 AT STA. 0 + 00 TO MANHOLE #93 AT STA. 3 + 110 SOUTH



⑥ CONSTRUCT 8" VCP STUB & CAP, S.

⑦ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #90 AT STA. 0 + 00 TO CLEANOUT #12 AT STA. 12 + 59.20 NORTH.

•PLAN•
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

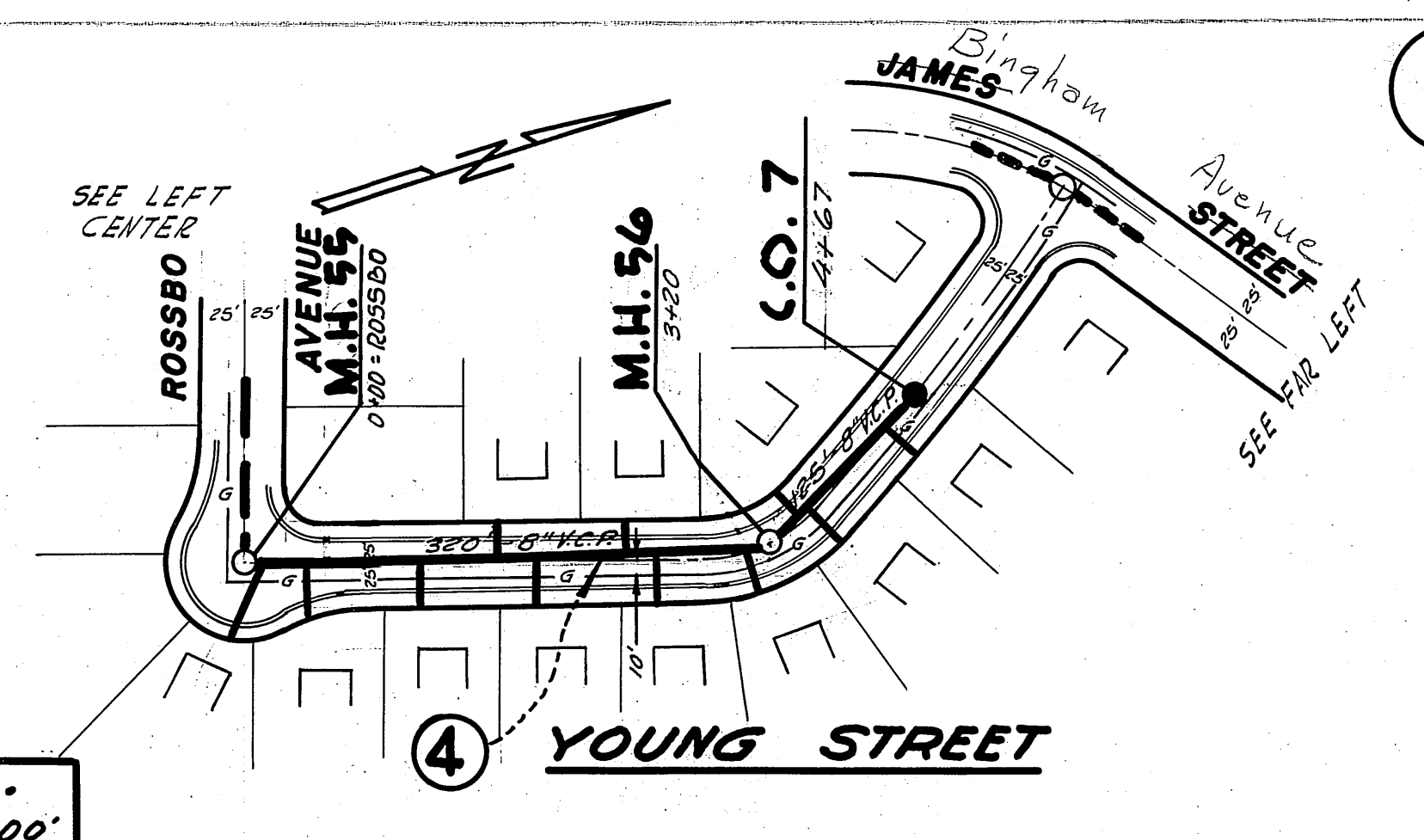
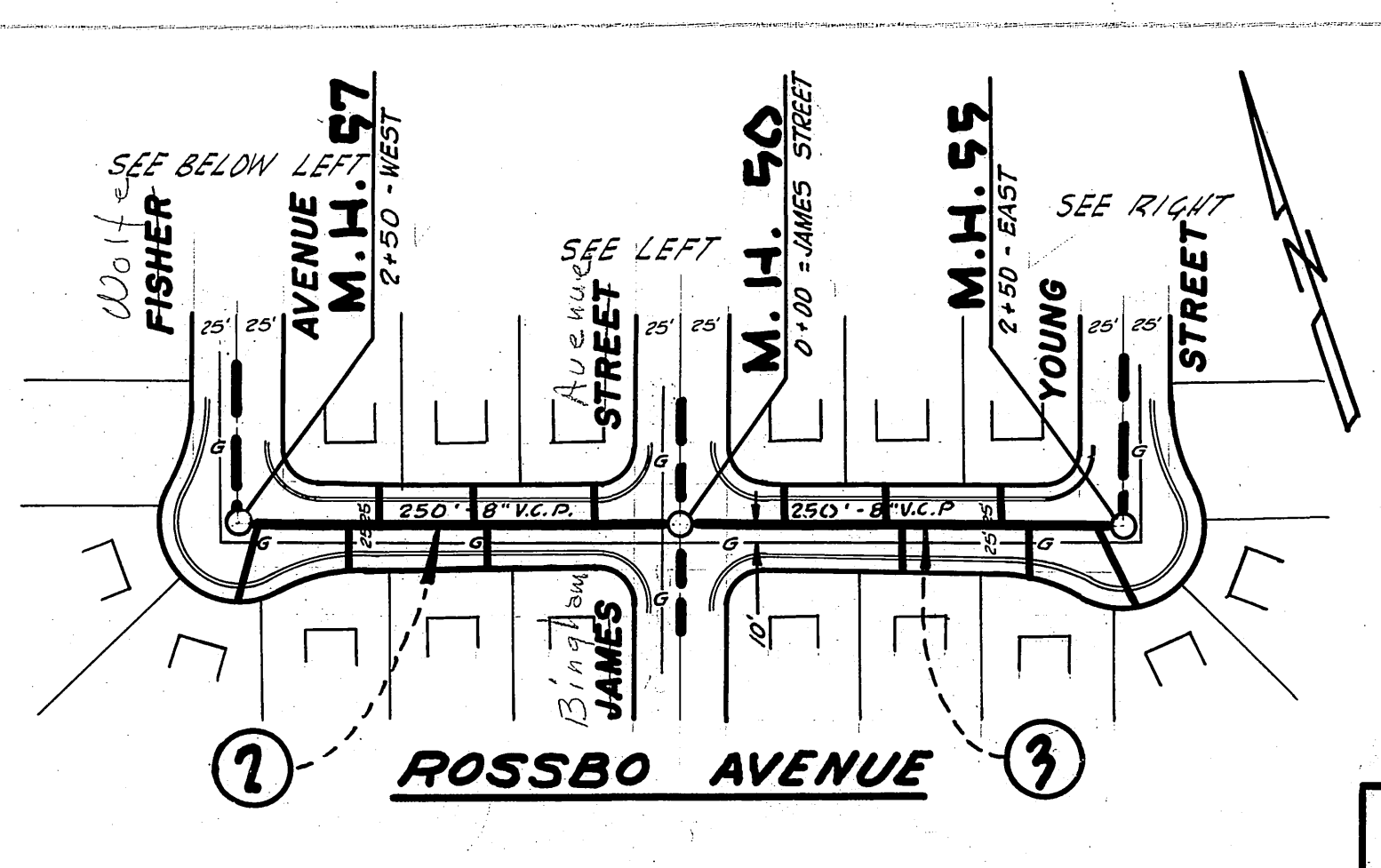
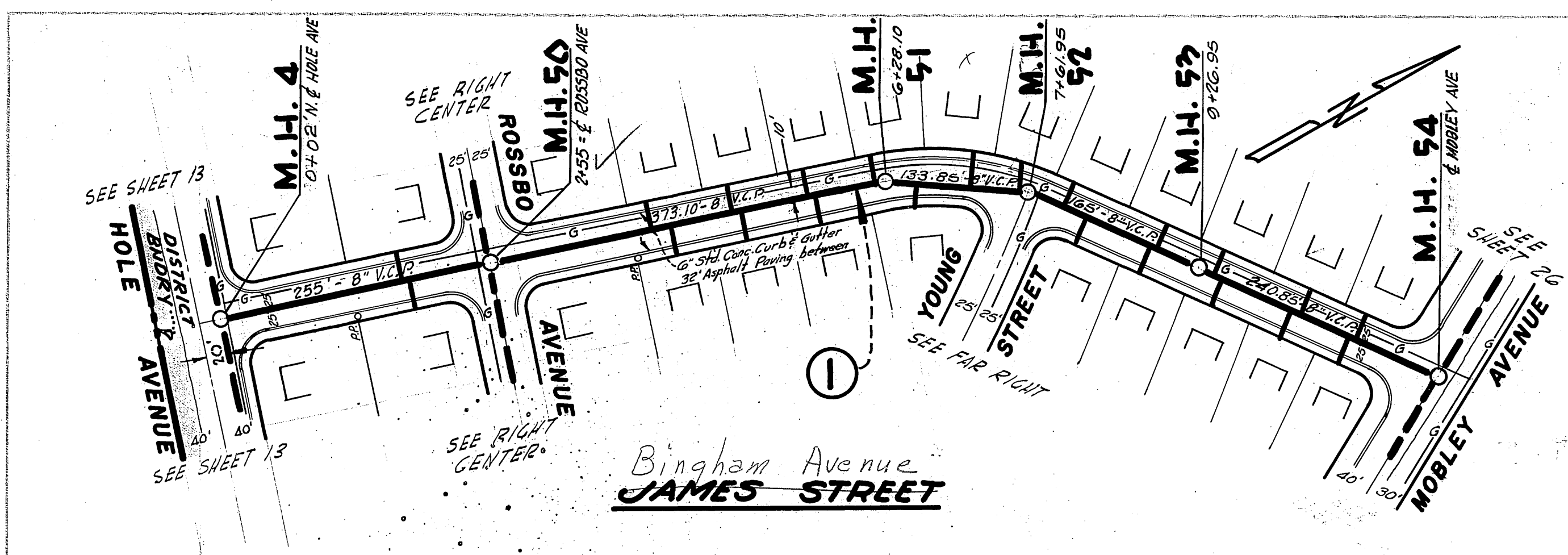


SCHEDULE "A"
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING &
331 SPURGEON BUILDING
SANTA ANA, CALIFORNIA.

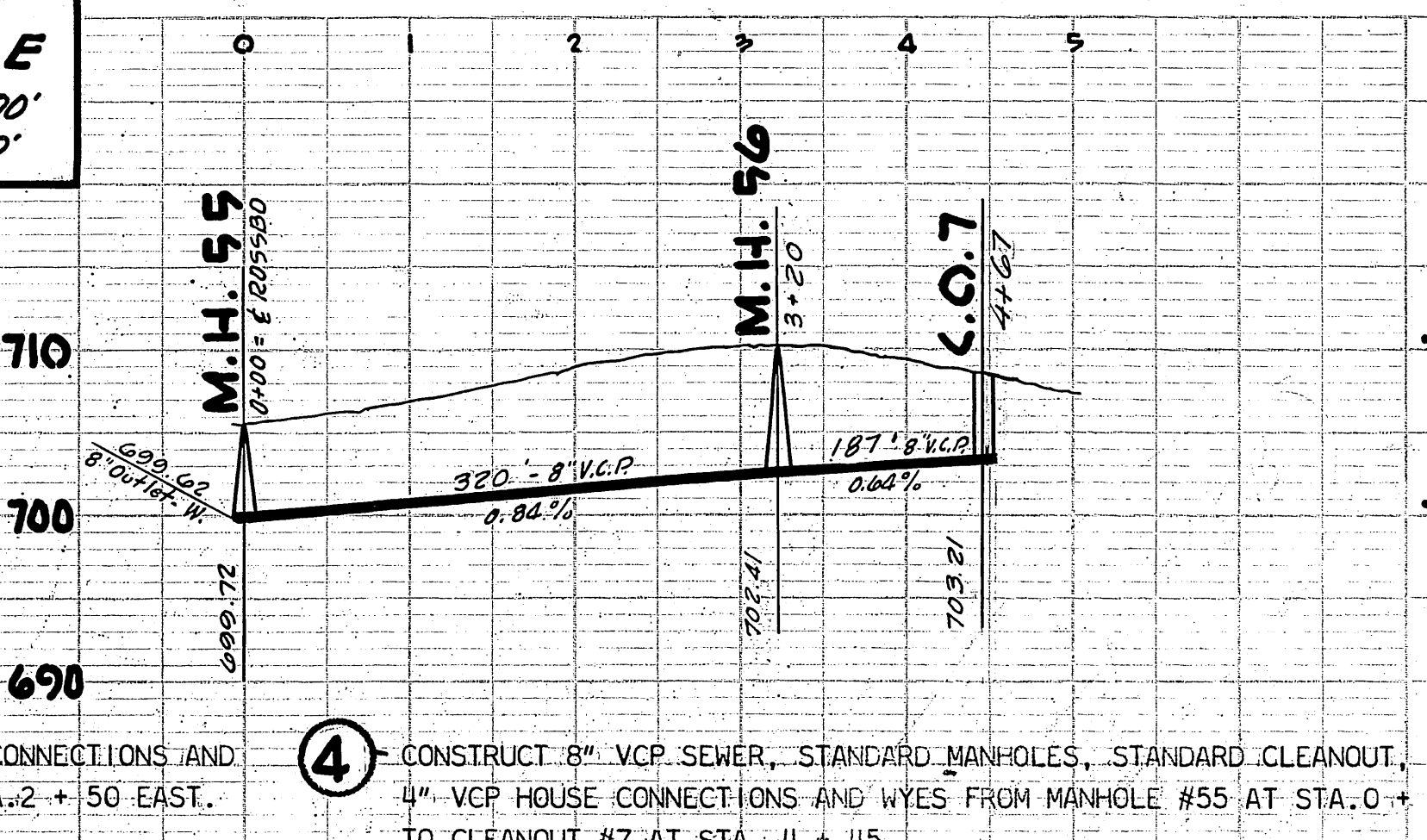
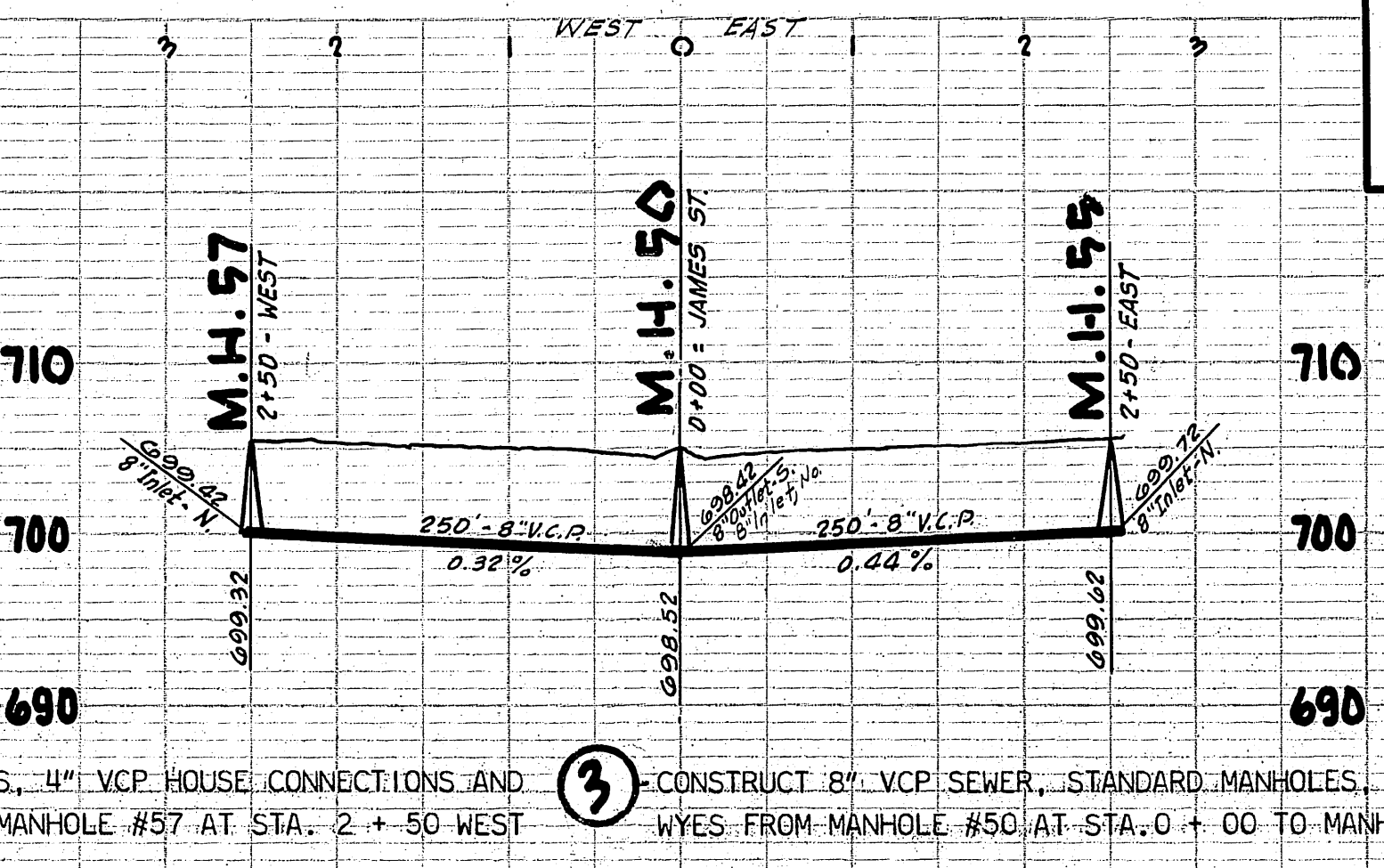
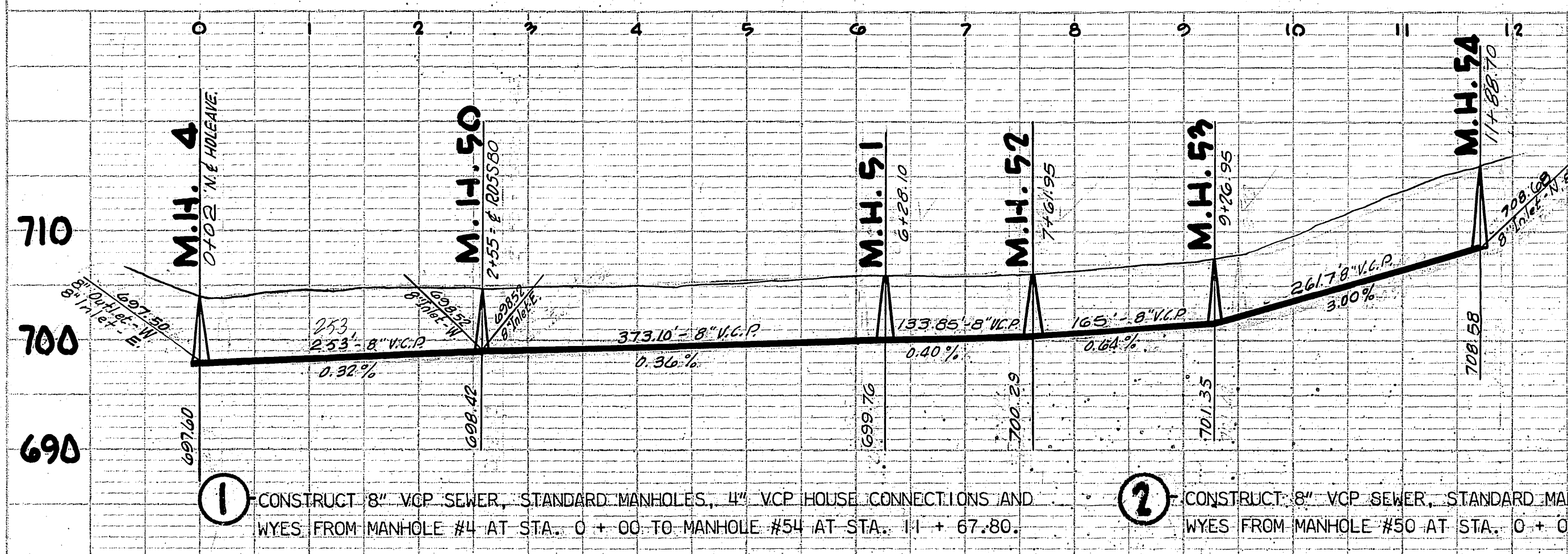
SHEET NO
76
OF 34 SHEETS.

DATE: _____ BY: _____
 PLAN
 DESIGNED: _____
 PLOTTED: _____
 CHECKED: _____
 IN CHARGE: _____

DATE: _____ BY: _____
 PROFILE
 DESIGNED: _____
 PLOTTED: _____
 CHECKED: _____
 IN CHARGE: _____



PLAN
 SCALE: 1"=100'
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

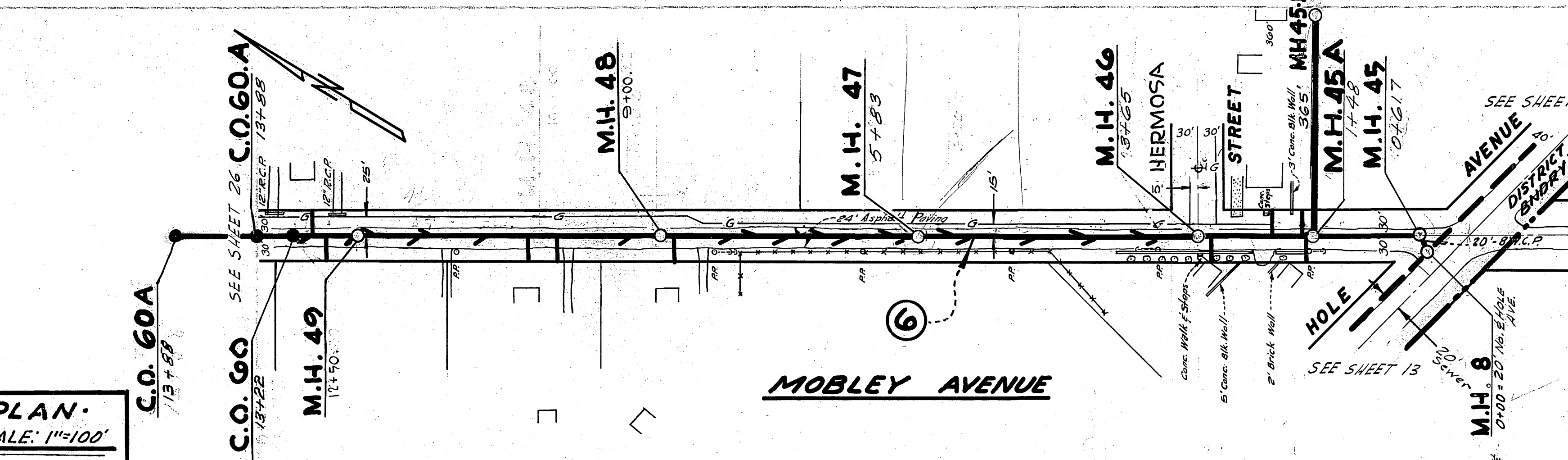
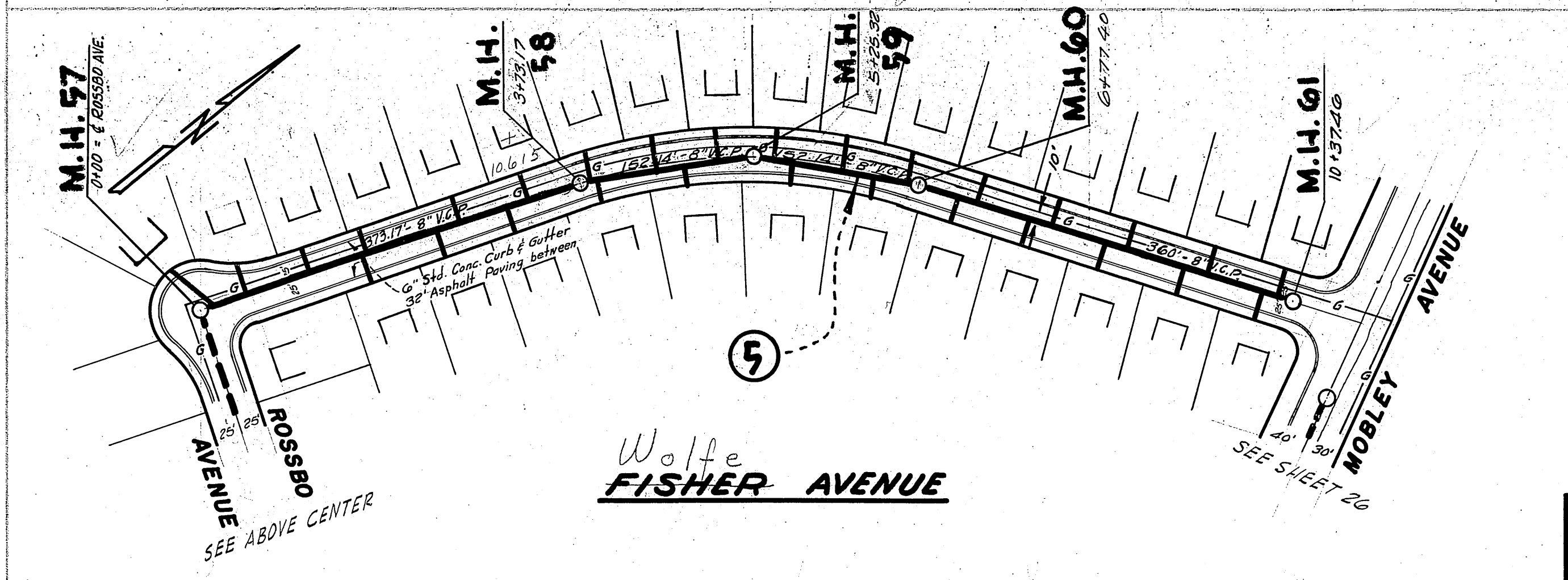


1. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #4 AT STA. 0+00 TO MANHOLE #54 AT STA. 11+67.80.

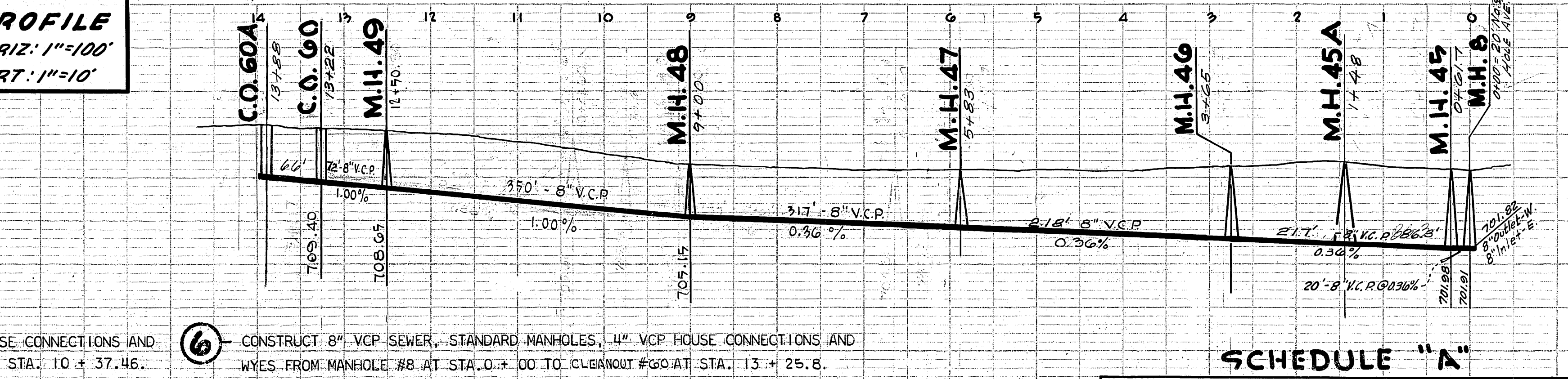
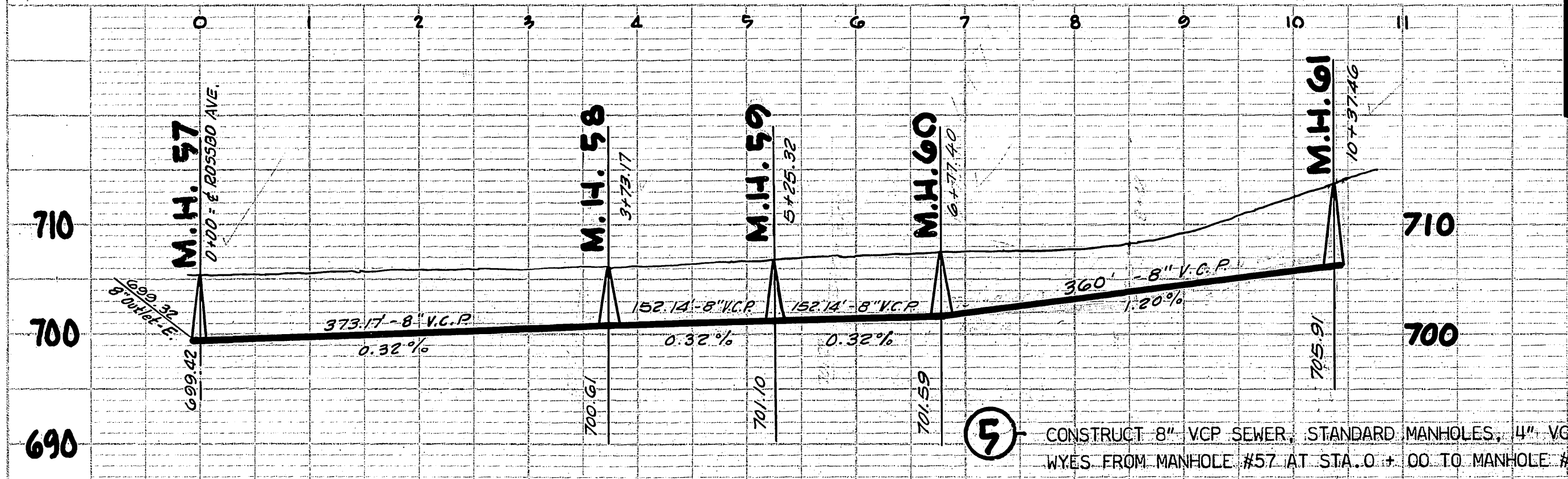
2. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #50 AT STA. 0+00 TO MANHOLE #57 AT STA. 2+50 WEST.

3. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #50 AT STA. 0+00 TO MANHOLE #55 AT STA. 2+50 EAST.

4. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #55 AT STA. 0+00 TO CLEANOUT #7 AT STA. 4+45.



PLAN
 SCALE: 1"=100'
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'



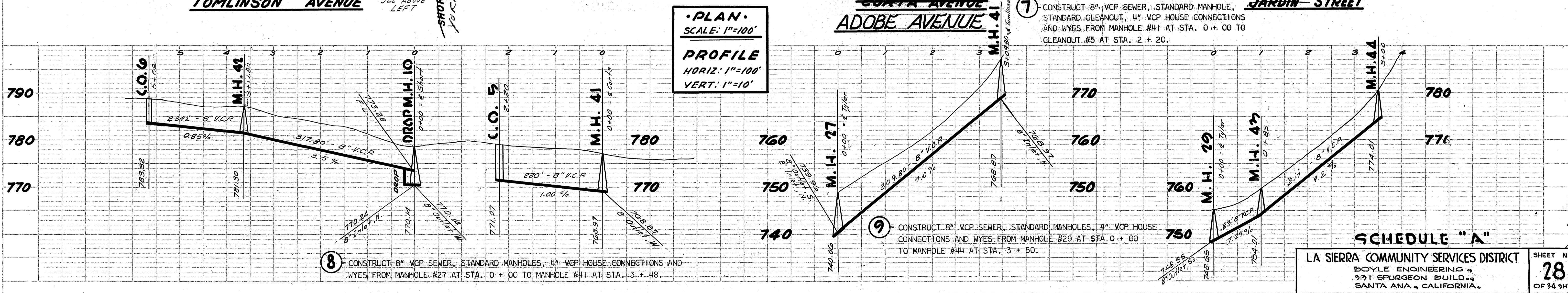
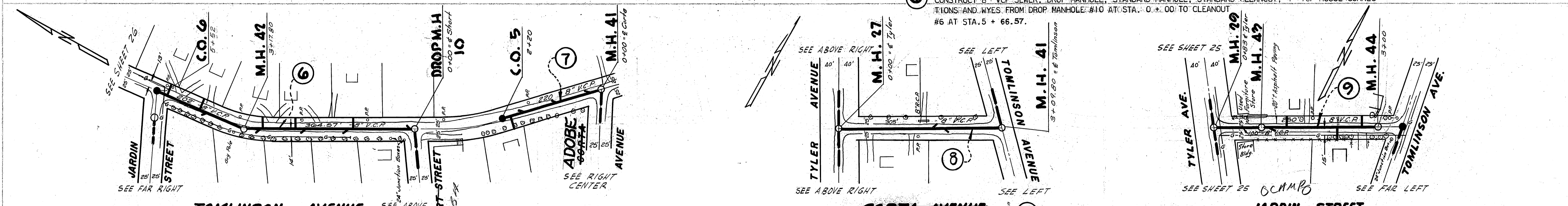
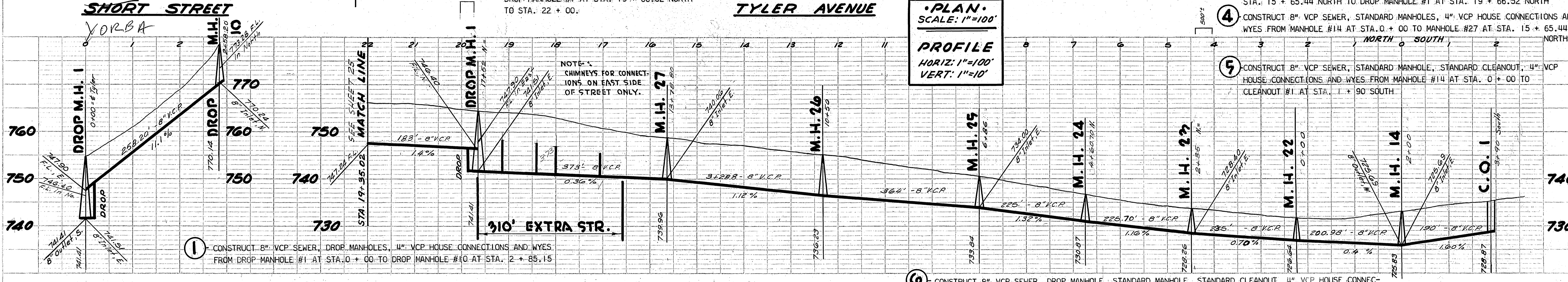
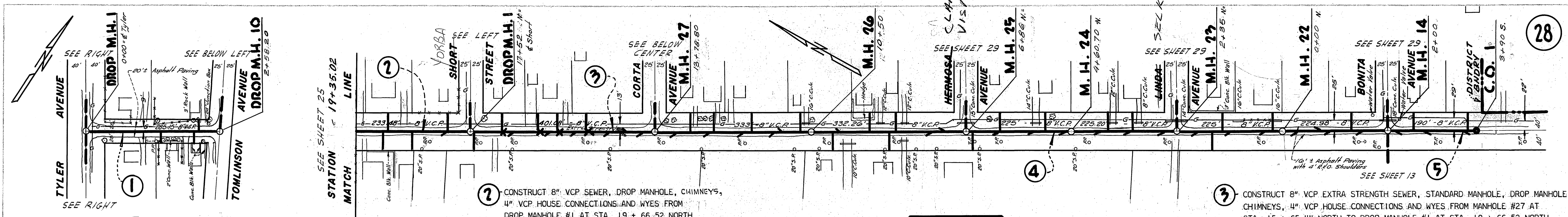
5. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #57 AT STA. 0+00 TO MANHOLE #61 AT STA. 10+37.46.

6. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #8 AT STA. 0+00 TO CLEANOUT #60 AT STA. 13+25.8.

SCHEDULE "A"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING &
 371 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA
 SHEET NO. 27 OF 54 SHEETS

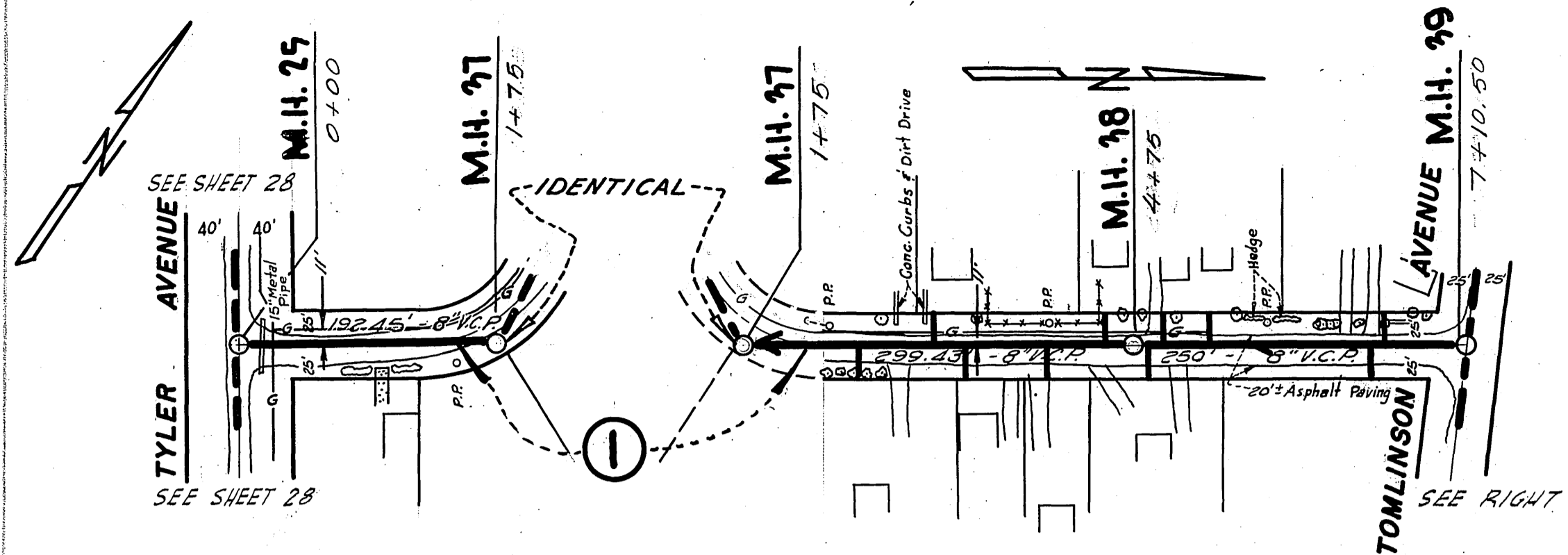
PLAN
 SURVEYED
 PLOTTED
 NOTE BOOK ALIGNMENT
 NO. 101
 DATE

PROFILE
 SURVEYED
 PLOTTED
 NOTE BOOK GRADES
 NO. 101
 DATE

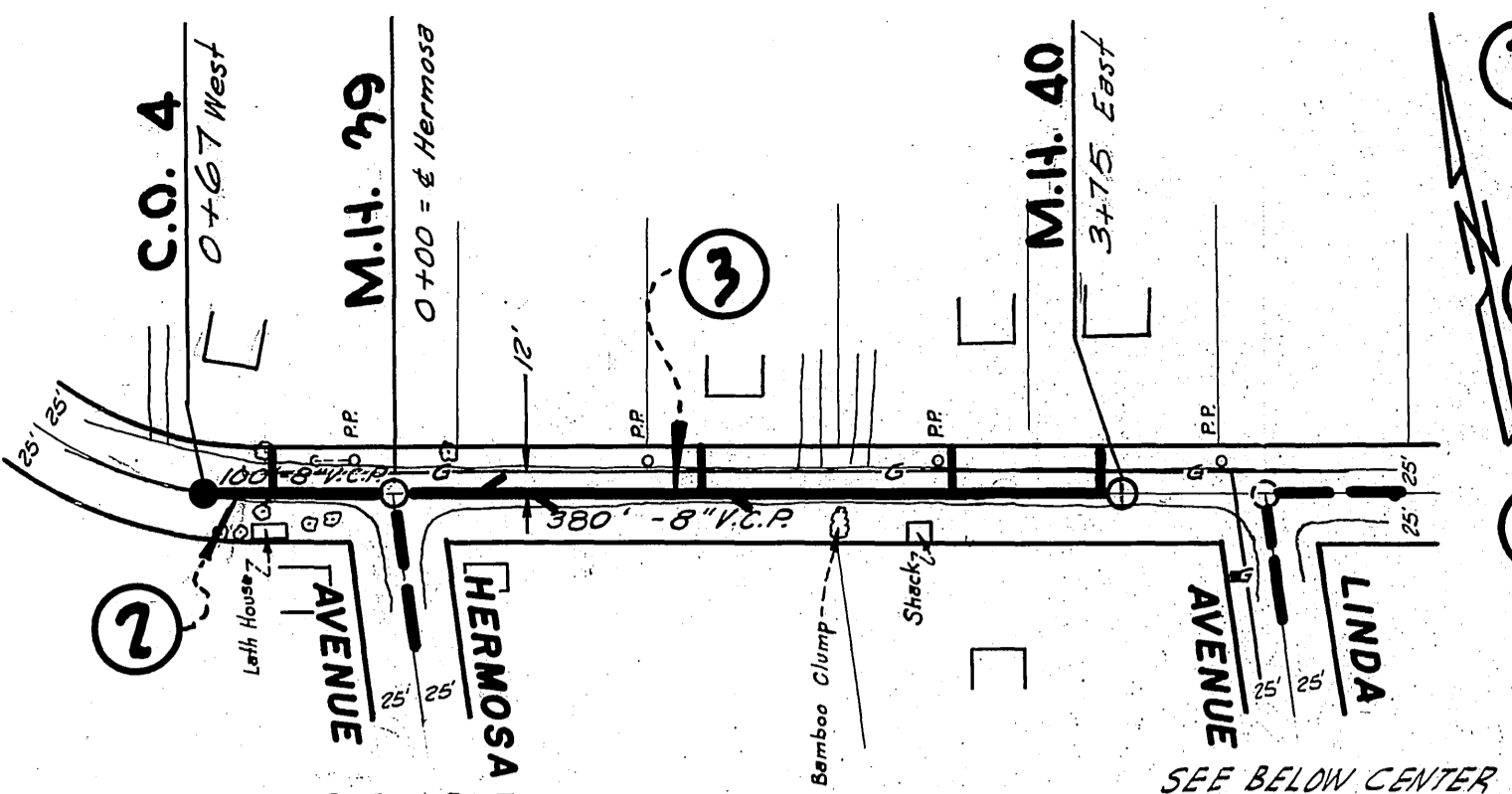


SCHEDULE "A"
 LA SIERRA COMMUNITY SERVICES DISTRICT
 BOYLE ENGINEERING &
 331 SPURGEON BUILDING
 SANTA ANA, CALIFORNIA.

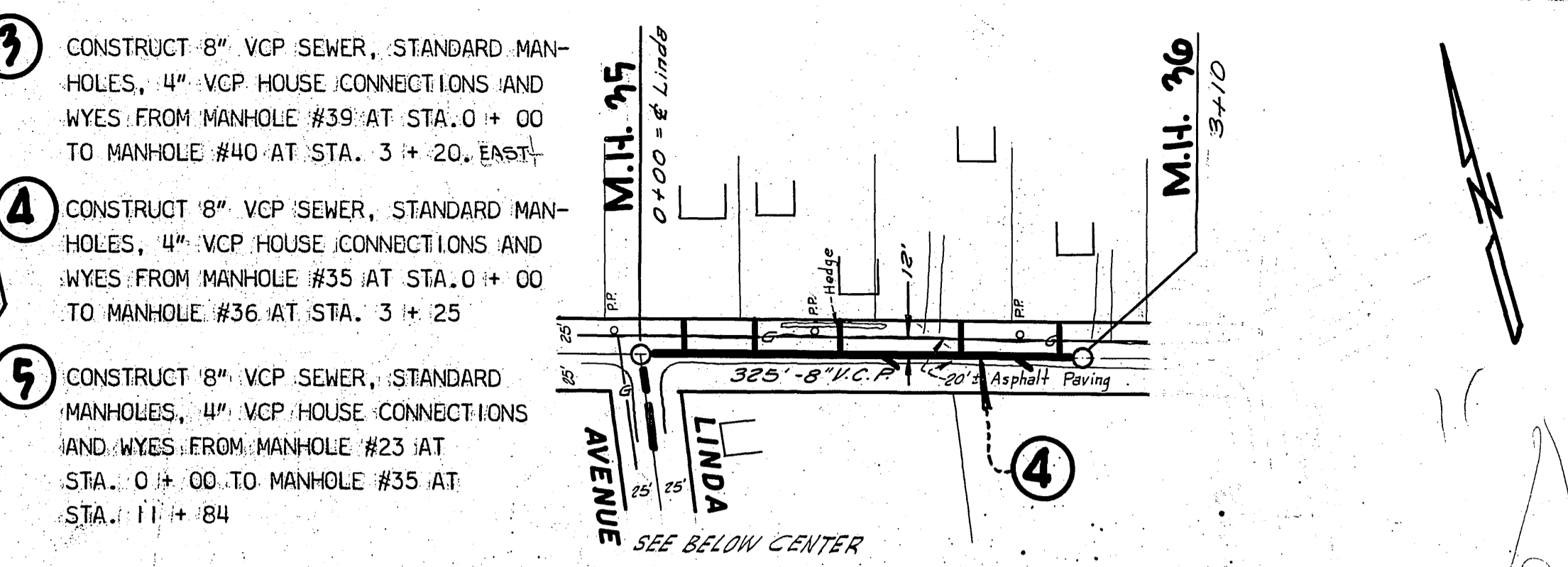
K & C Co. No. 1548-21



HERMOSA AVENUE
CLARA VISTA



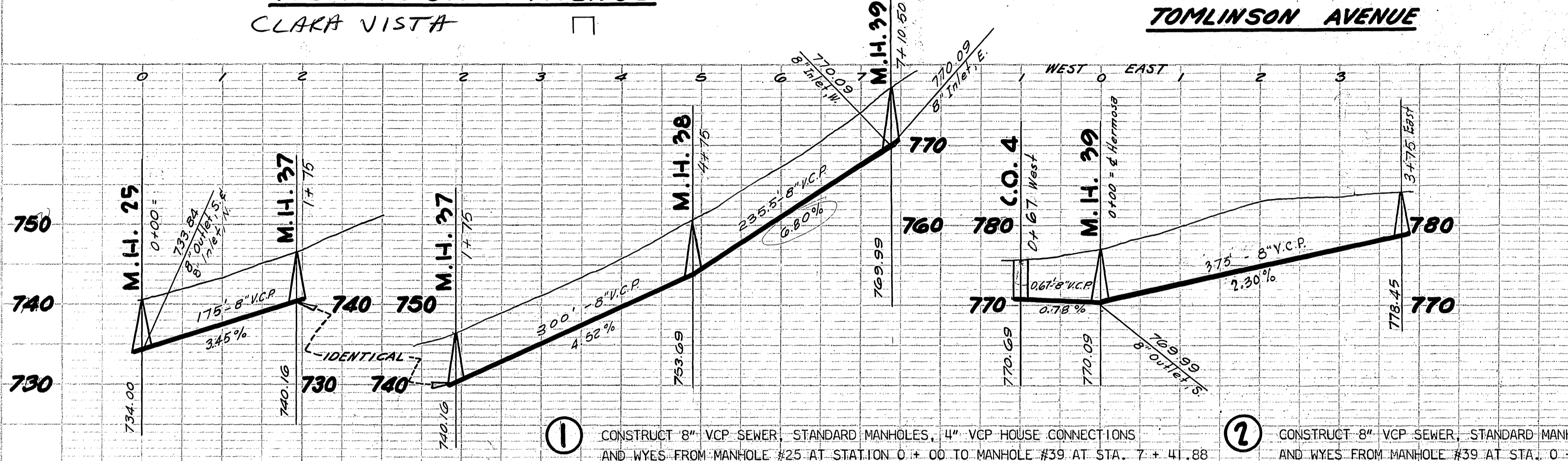
TOMLINSON AVENUE



TOMLINSON AVENUE

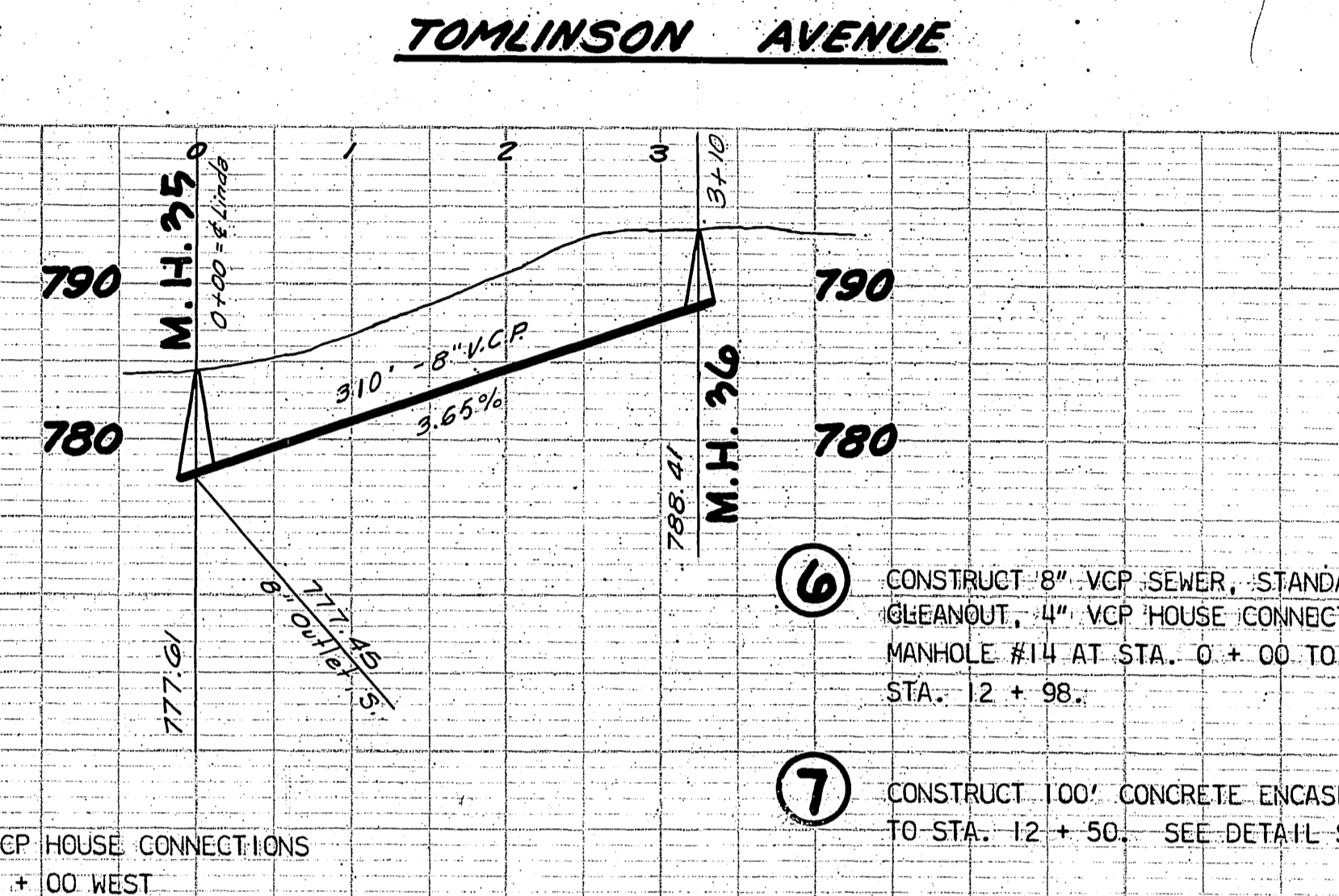
PLAN
SCALE: 1"=100'

PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



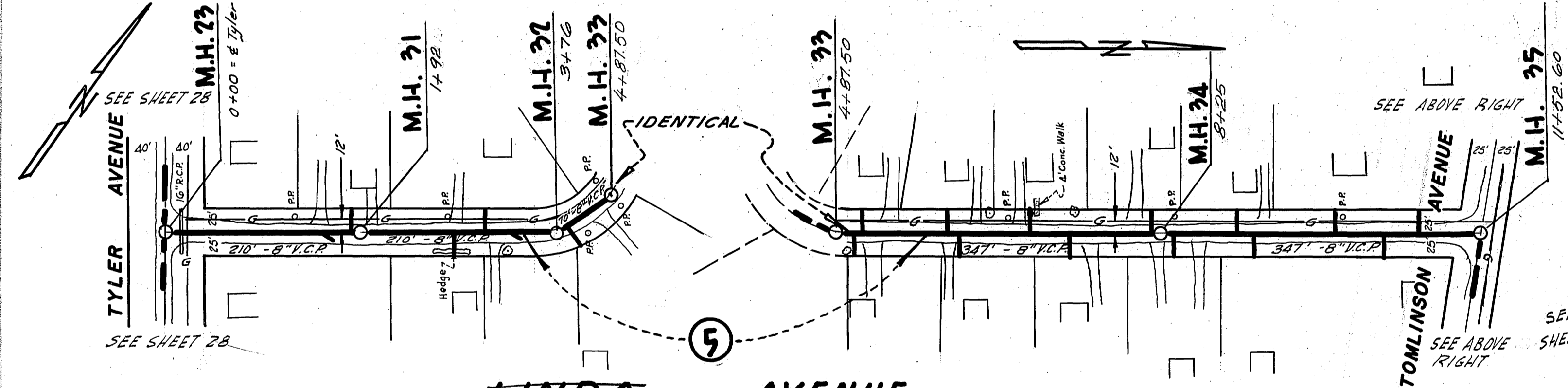
1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #25 AT STATION 0+00 TO MANHOLE #39 AT STA. 7+41.88

2 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #39 AT STA. 0+00 TO CLEANOUT #4 AT STA. 1+00 WEST

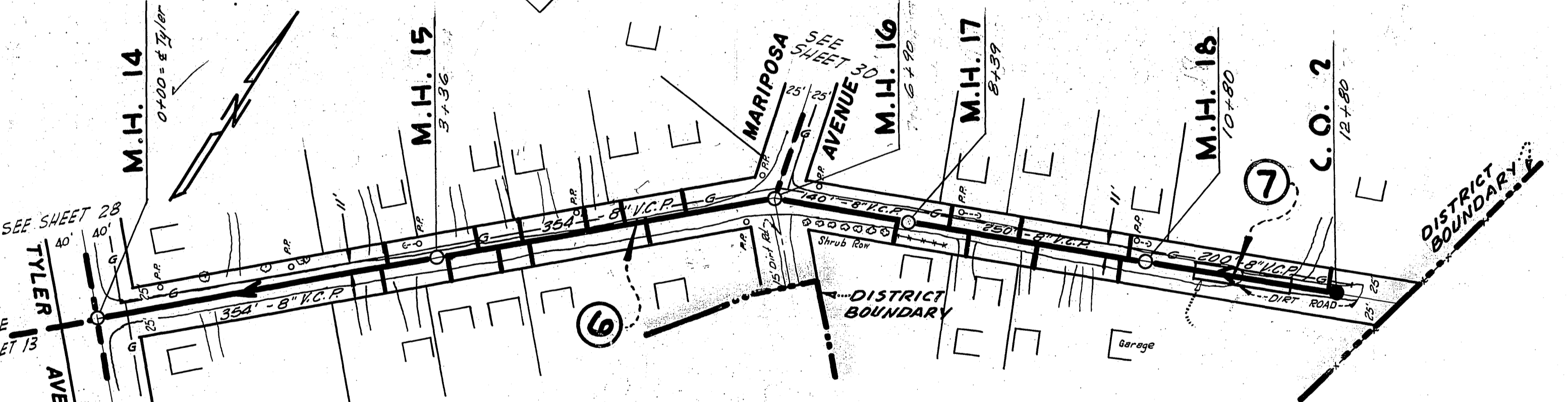


6 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #14 AT STA. 0+00 TO CLEANOUT #2 AT STA. 12+98.

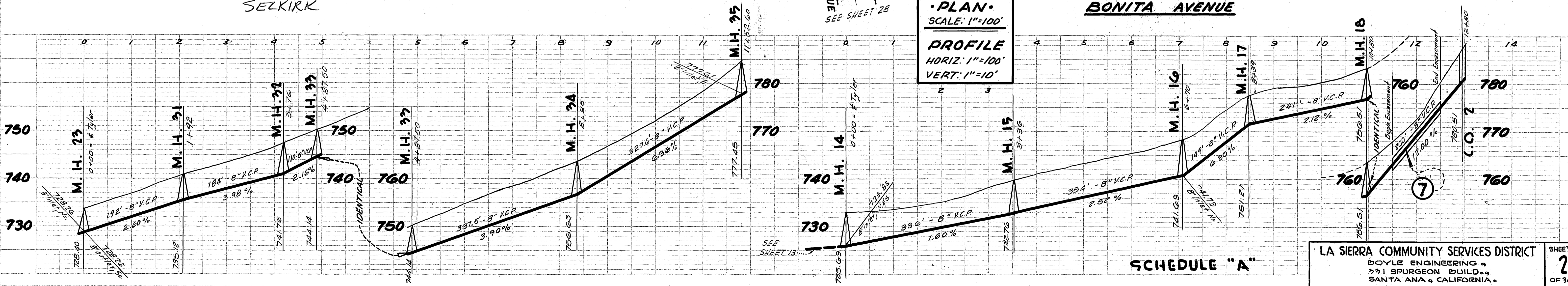
7 CONSTRUCT 100' CONCRETE ENCASUREMENT FROM STA. 11+50 TO STA. 12+50. SEE DETAIL SHEET NO. 33.



LINDA AVENUE
SELKIRK



BONITA AVENUE



PLAN
SCALE: 1"=100'

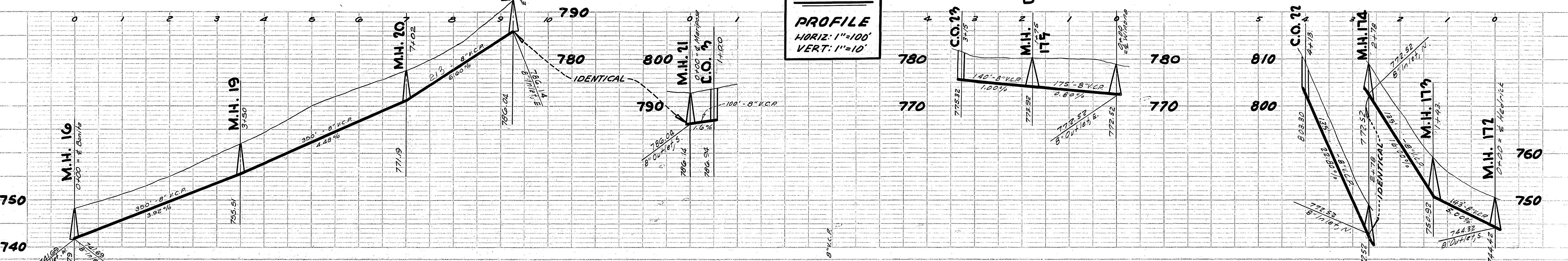
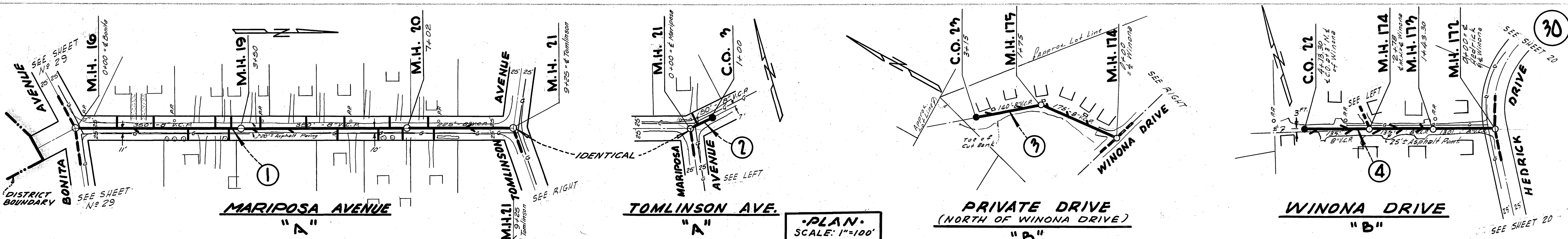
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

SCHEDULE "A"

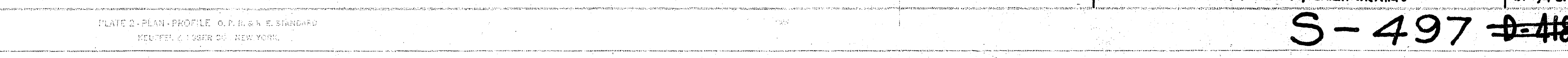
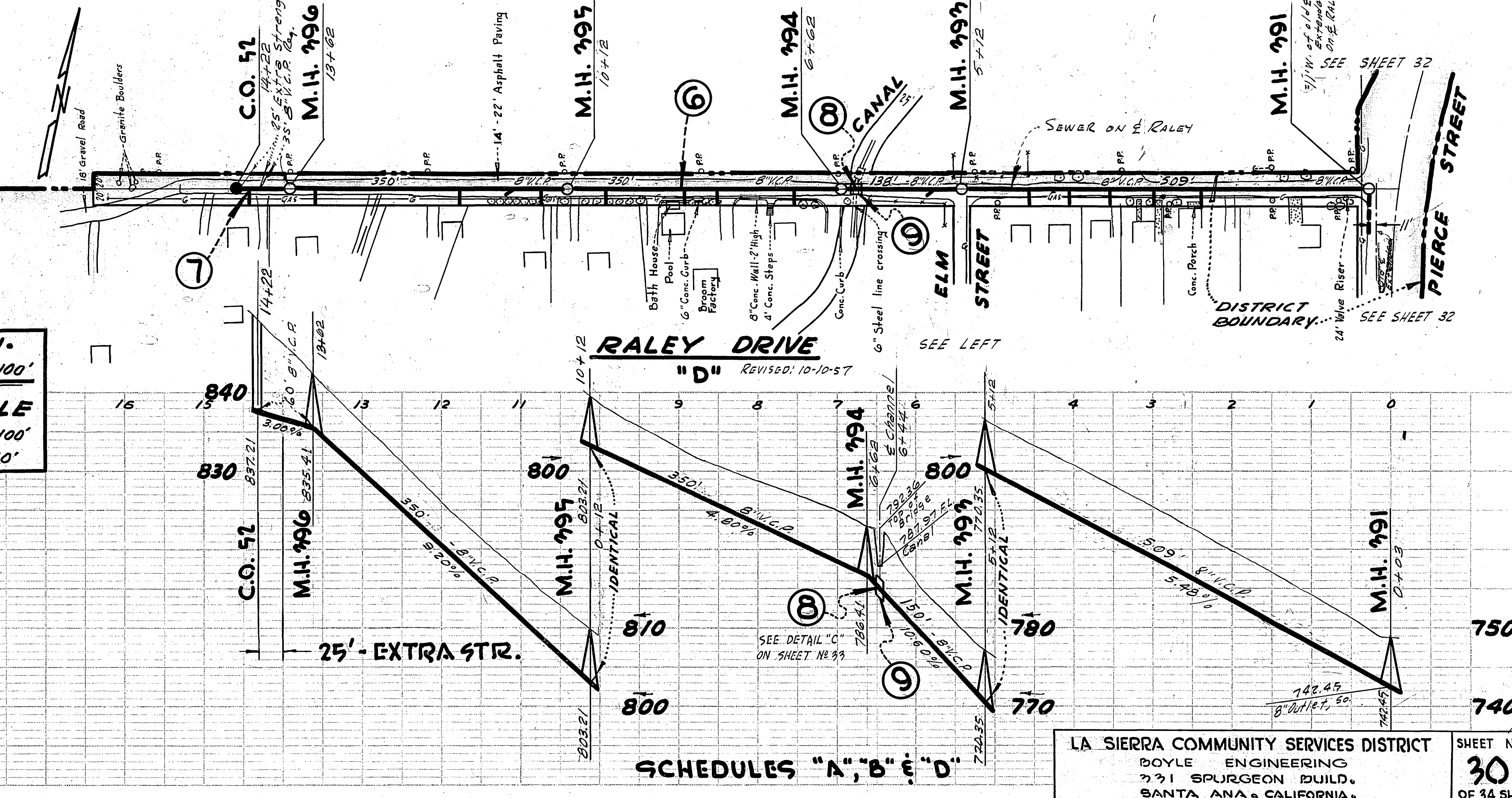
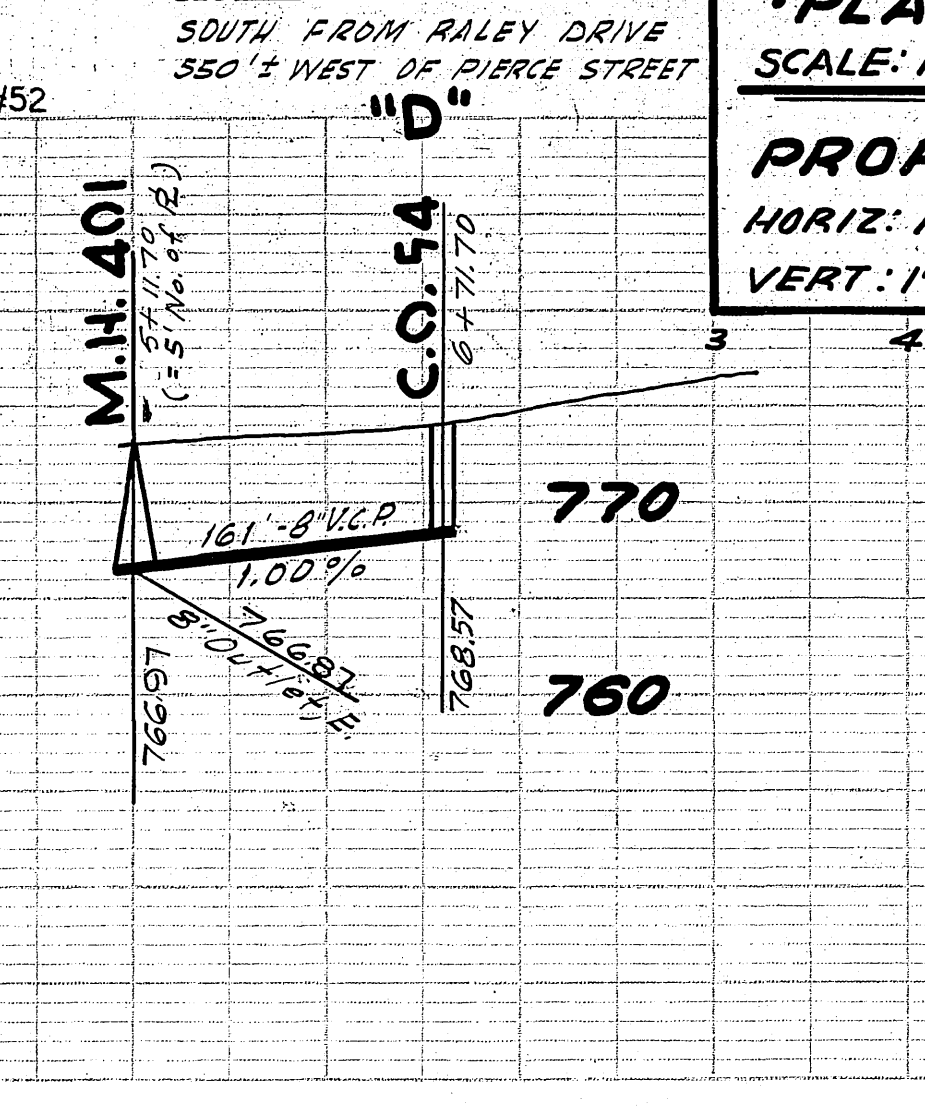
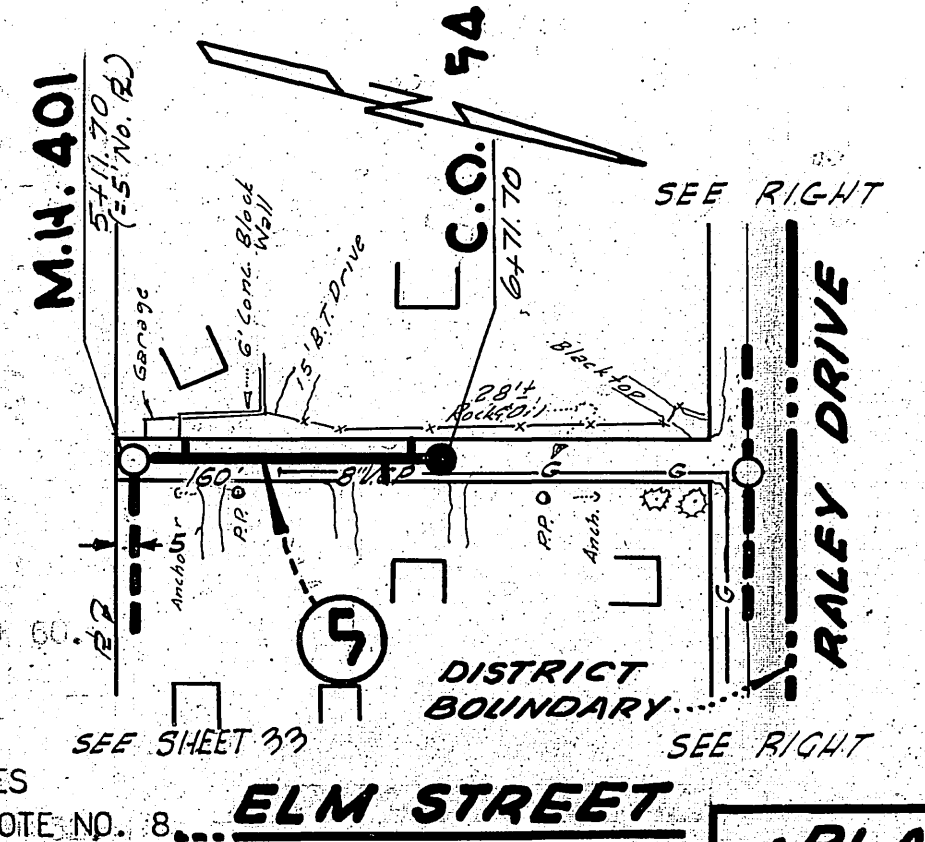
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
371 SPURGEON BUILDING
SANTA ANA, CALIFORNIA

PLAN
SUBMITTED: _____
DATE: _____
NOTE BOOK: _____
NO. OF SHEETS: _____
NO. OF THIS SHEET: _____

PROFILE
SUBMITTED: _____
DATE: _____
NOTE BOOK: _____
NO. OF SHEETS: _____
NO. OF THIS SHEET: _____



- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #16 AT STA. 0+00 TO MANHOLE #21 AT STA. 9+25.
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, AND 4" VCP HOUSE CONNECTIONS FROM MANHOLE #21 AT STA. 0+00 TO CLEANOUT #3 AT STA. 0+50.
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, AND 4" VCP WYES FROM MANHOLE #174 AT STA. 0+00 TO CLEANOUT #23 AT STA. 3+15.
- ④ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, AND 4" VCP WYES FROM MANHOLE #172 AT STA. 0+00 TO CLEANOUT #22 AT STA. 4+00.
- ⑤ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, AND 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #401 AT STA. 0+00 TO CLEANOUT #54 AT STA. 1+60.
- ⑥ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, AND 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #391 AT STA. 0+00 TO MANHOLE #396 AT STA. 13+59; EXCEPT G.P. SEE NOTE NO. 8.
- ⑦ CONSTRUCT 8" VCP EXTRA STRENGTH SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #396 AT STA. 13+59 TO CLEANOUT #52 AT STA. 14+19.
- ⑧ CONSTRUCT 8" CAST IRON PIPE FROM STA. 6+38 TO STA. 6+50.
- ⑨ CONSTRUCT 18" STEEL PIPE ENCASEMENT FROM STA. 6+42 TO STA. 6+52.



PLAN
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

PLAN
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

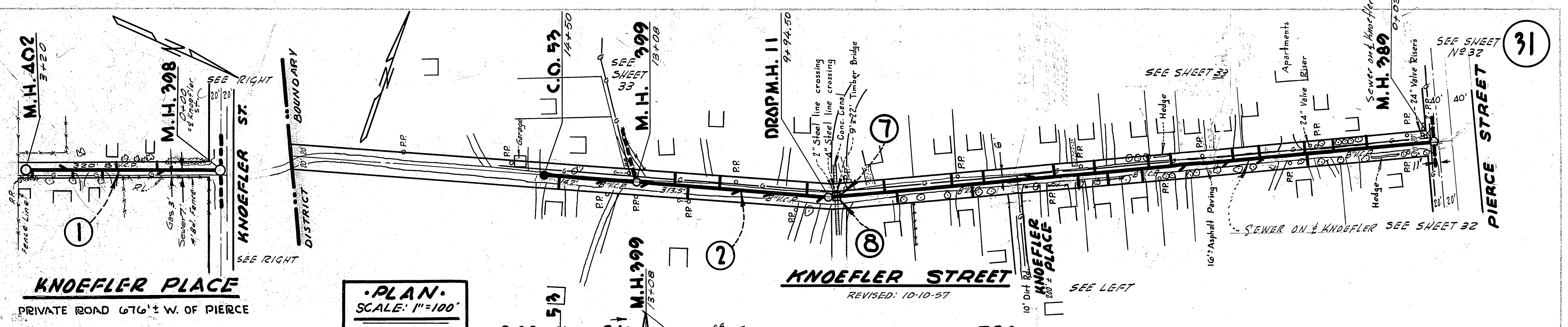
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
731 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

SHEET NO
30
OF 34 SHEETS.

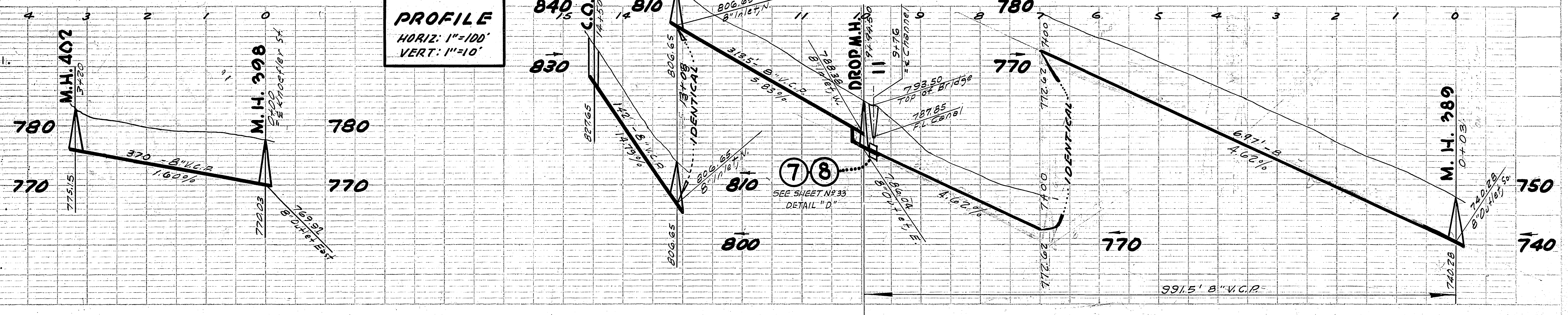
S-497-418

1. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #398 AT STA. 0+00 TO MANHOLE #402 AT STA. 3+26.
 * This line was built. See Wye book 5 page 19.
2. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, DROP MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #389 AT STA. 0+00 TO CLEANOUT #53 AT STA. 14+47, EXCEPT CAST IRON PIPE, SEE NOTE NO. 7.
3. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #408 AT STA. 0+00 TO MANHOLE #410 AT STA. 2+77.00
4. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #387 AT STA. 0+00 TO CLEANOUT #56 AT STA. 4+08.09.
5. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #403 AT STA. 0+00 TO CLEANOUT #72 AT STA. 6+74.
6. CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #410 AT STA. 0+00 TO CLEANOUT #57 AT STA. 3+50.
7. CONSTRUCT 8" ASBESTOS-CEMENT PIPE FROM STA. 9+69.5 TO STA. 9+82.5. STA. 9+82.5 TO STA. 9+71.
8. CONSTRUCT 24" STEEL PIPE ENGAGEMENT FROM STA. 9+71 TO STA. 9+81.
9. INSTALL WATER-TIGHT MANHOLE FRAMES & COVERS ON MANHOLE #410 AND #411.

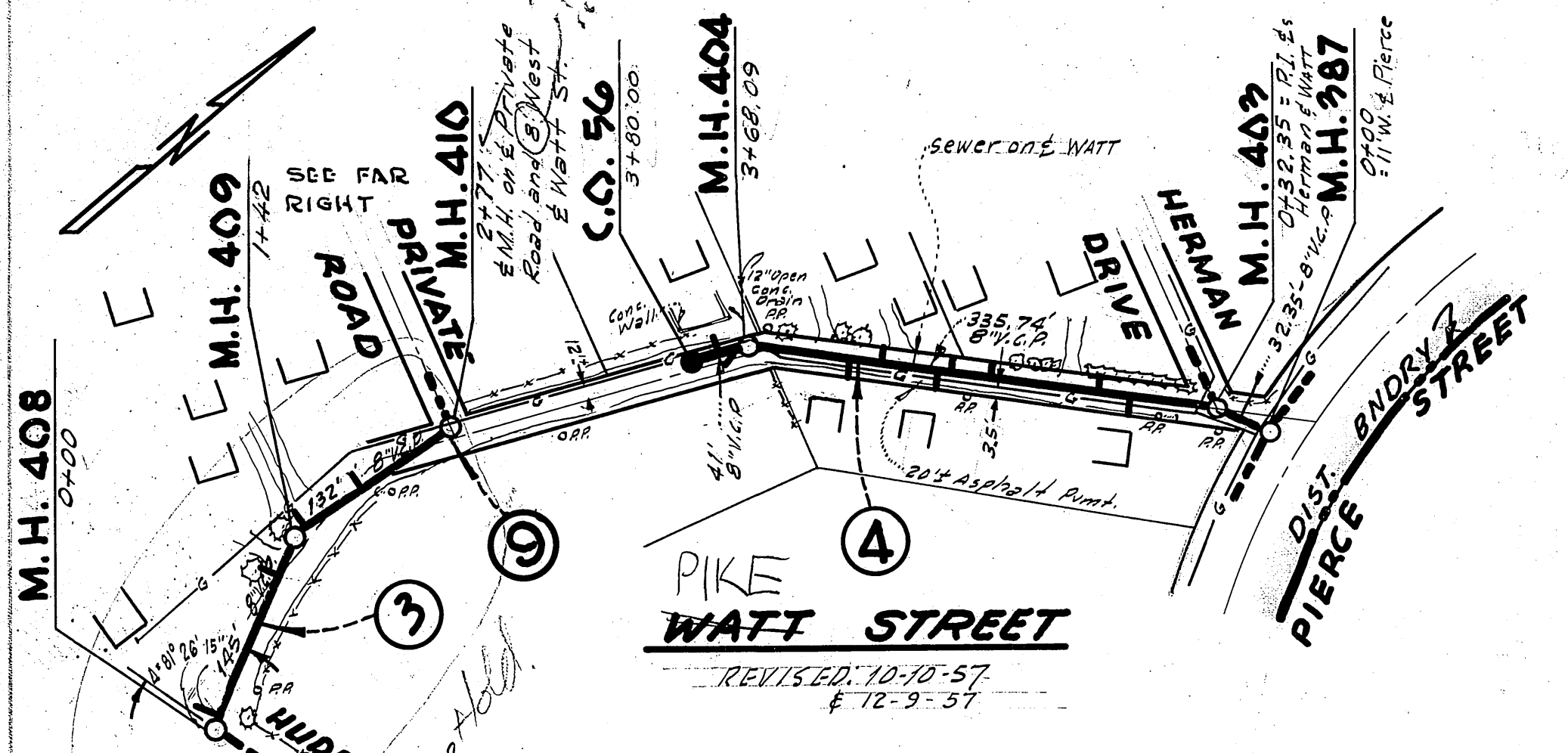
DATE	
BY	
CHECKED	
APPROVED	
NO.	



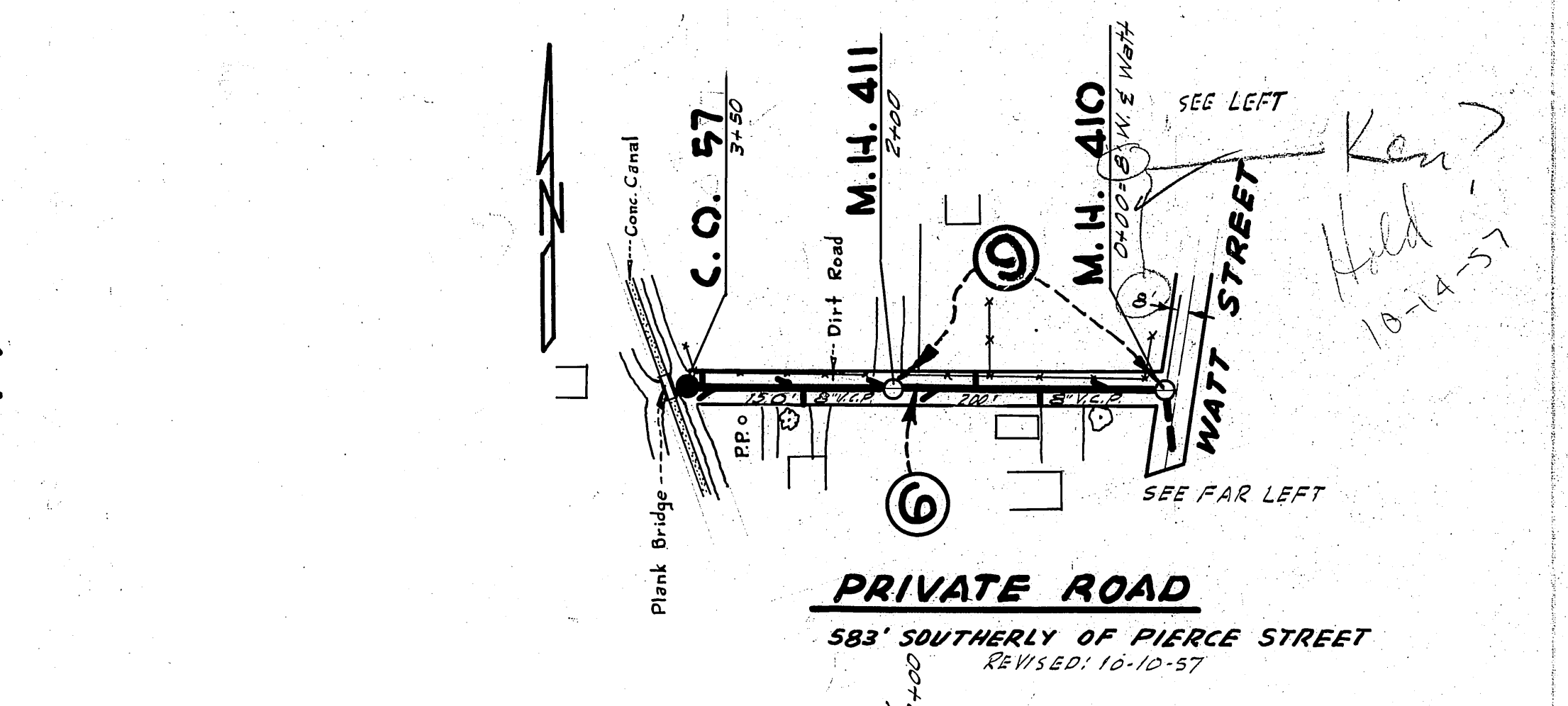
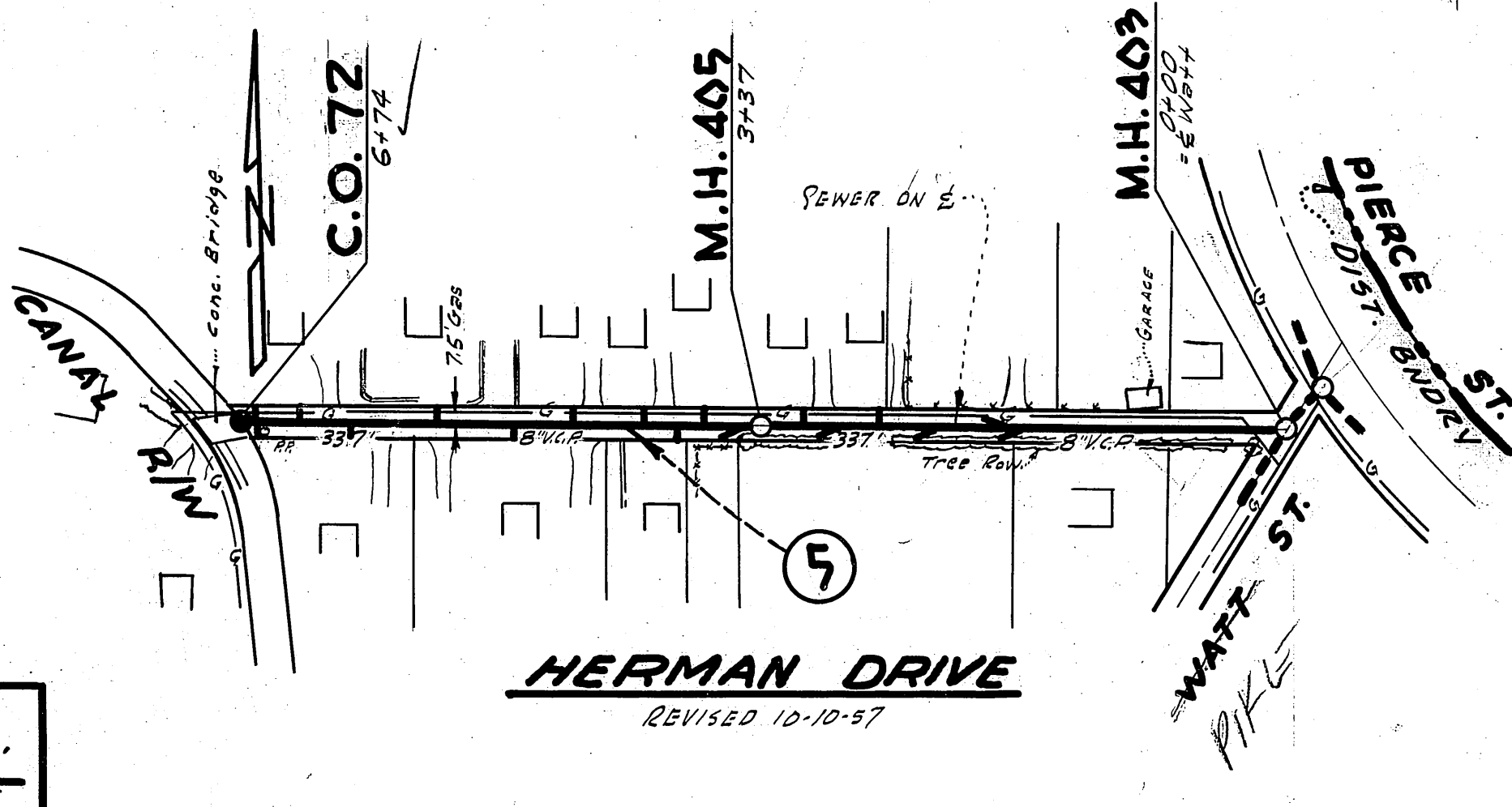
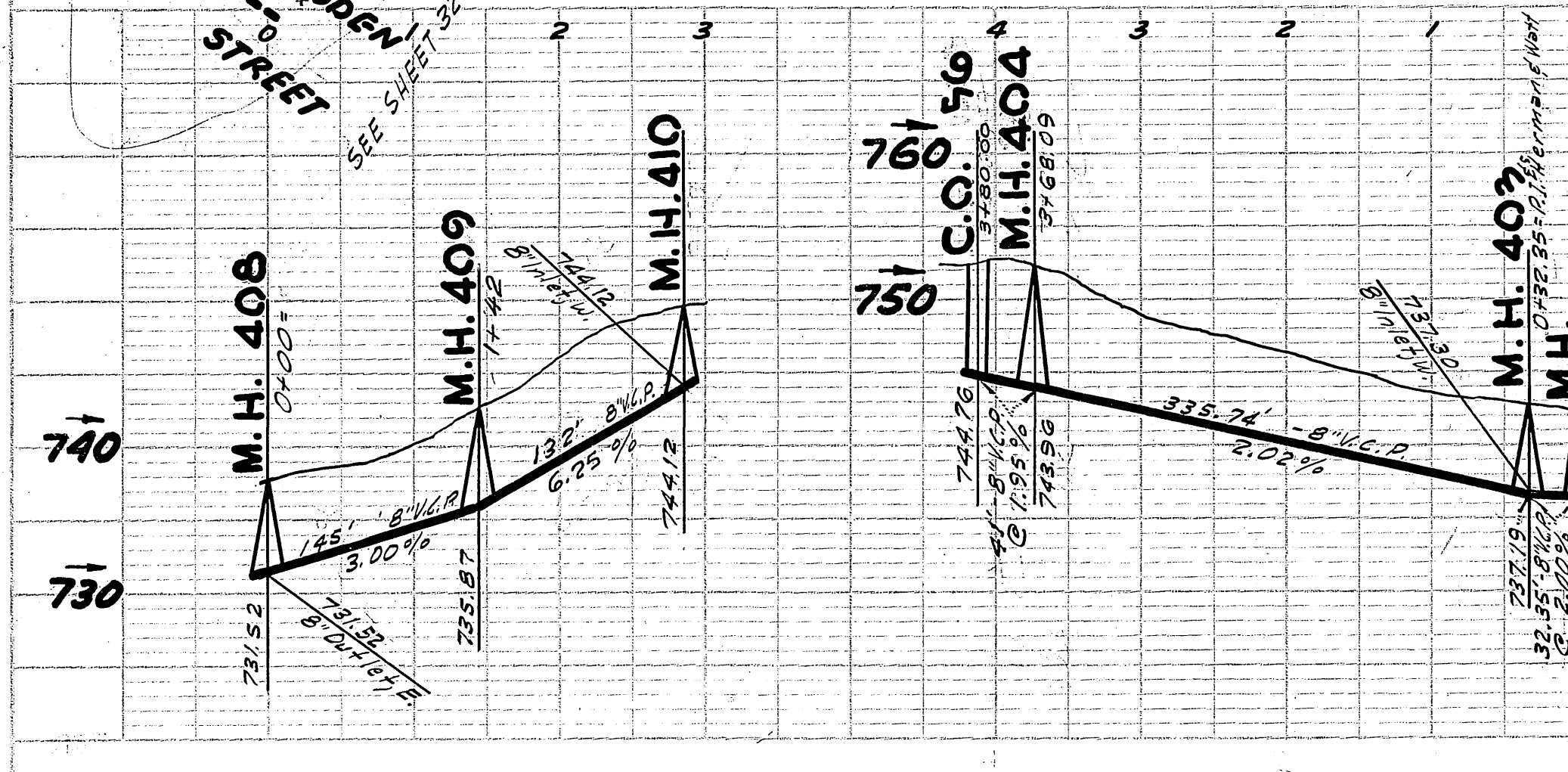
PLAN
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



DATE	
BY	
CHECKED	
APPROVED	
NO.	



PLAN
SCALE: 1"=100'
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



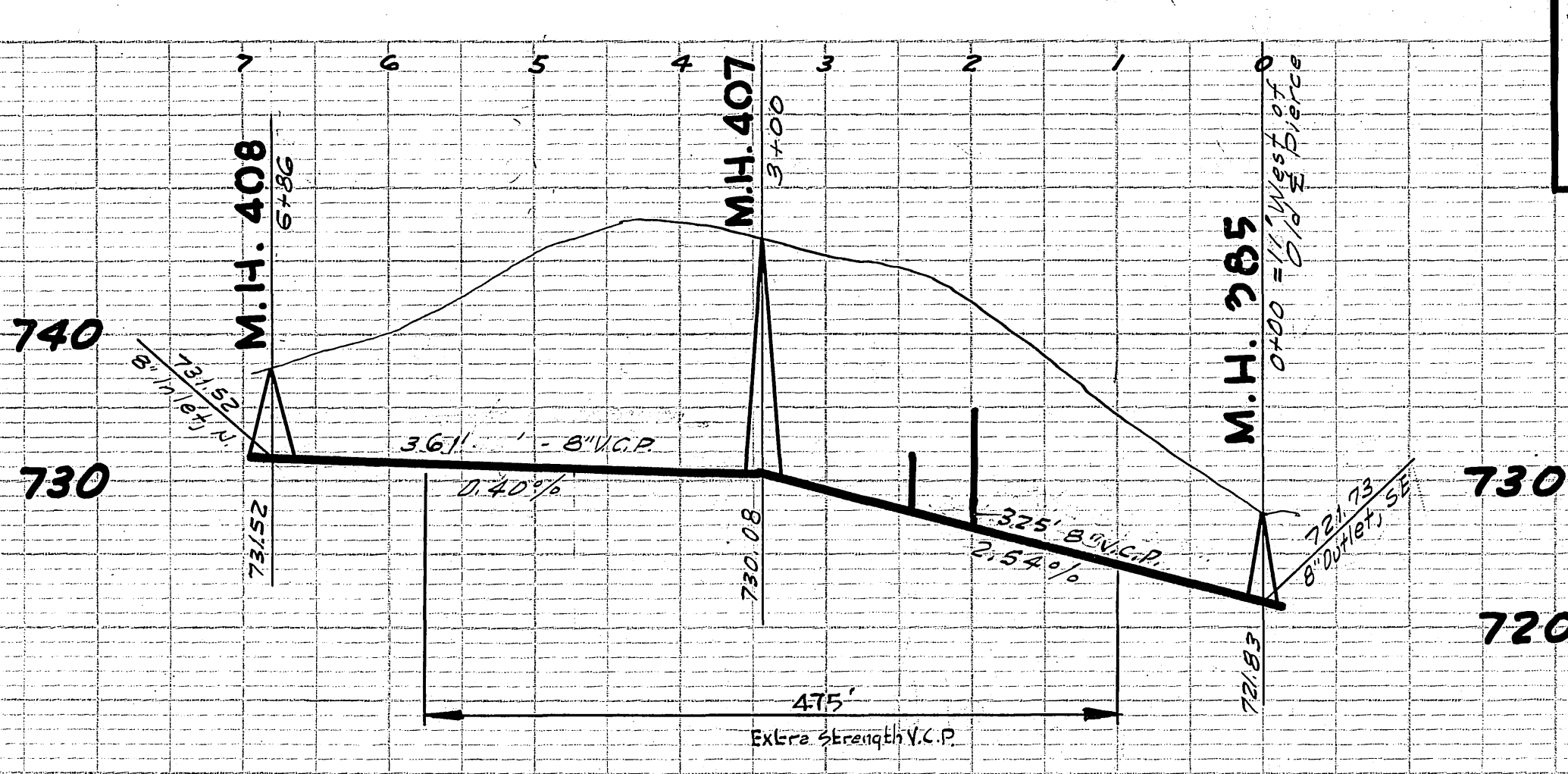
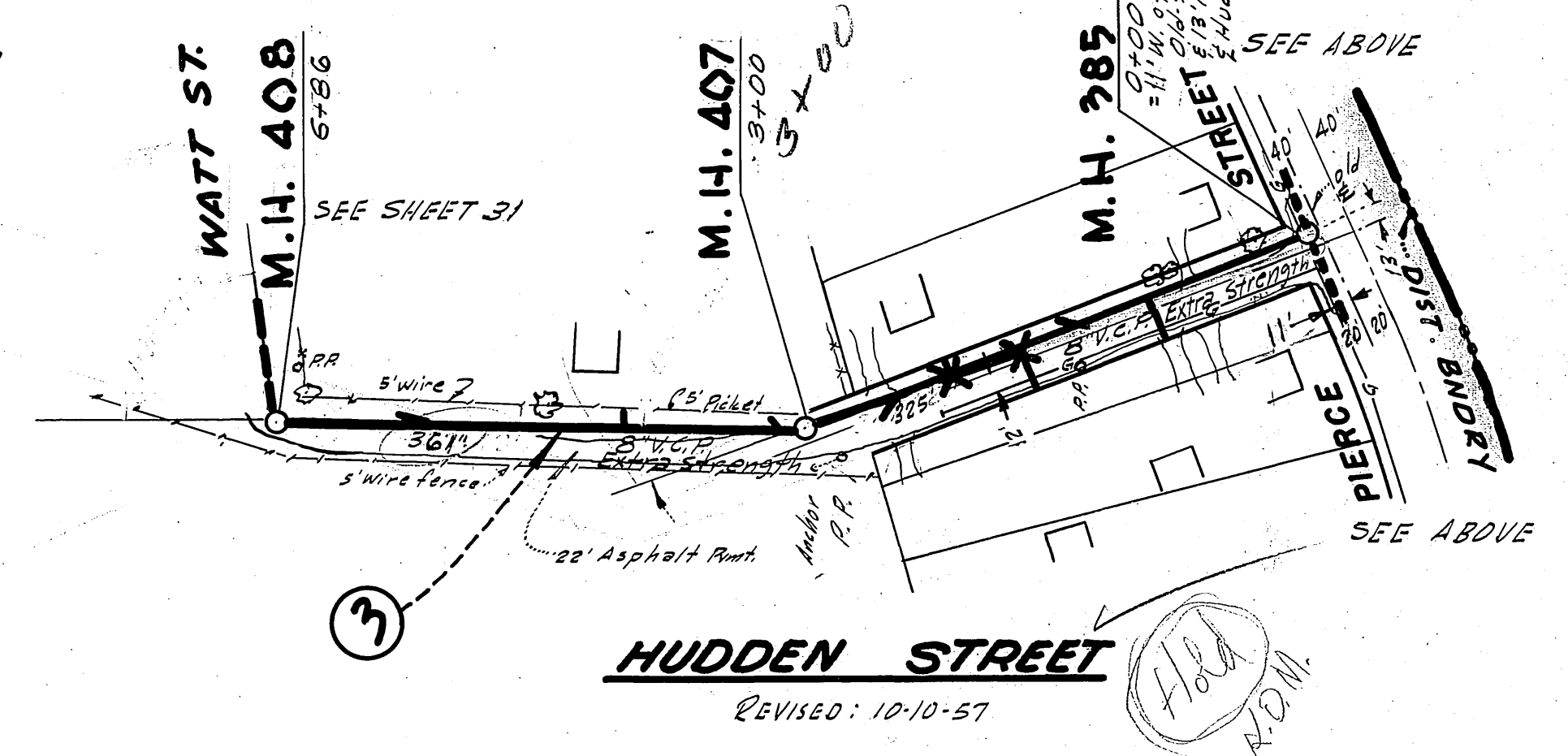
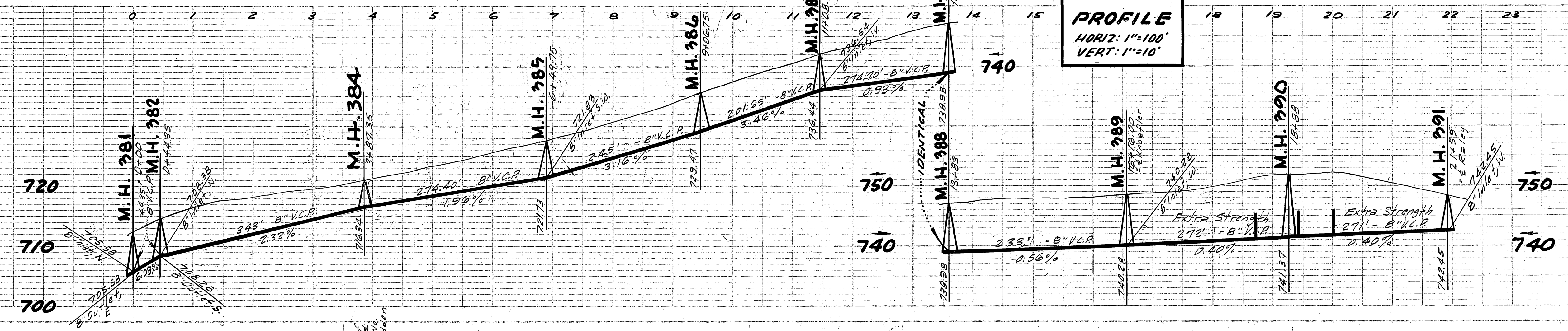
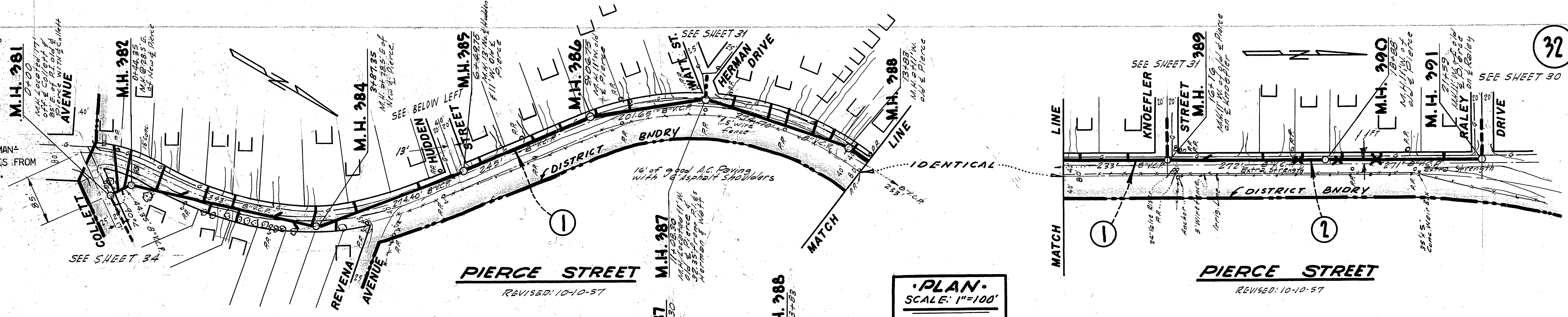
SCHEDULE "D"

LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING &
371 SPURGEON BUILDING
SANTA ANA, CALIFORNIA

SHEET NO.
31
OF 34 SHEETS

S-497-418

- 1 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #381 AT STA. 0+00 TO MANHOLE #389 AT STA. 16+00.
- 2 CONSTRUCT 8" VCP EXTRA STRENGTH SEWER, STANDARD MANHOLES, CHIMNEYS, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #389 AT STA. 16+00 TO MANHOLE #391 AT STA. 21+59.00.
- 3 CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #385 AT STA. 0+00 TO MANHOLE #408 AT STA. 6+00 TO MANHOLE #381 AT STA. 15+80.



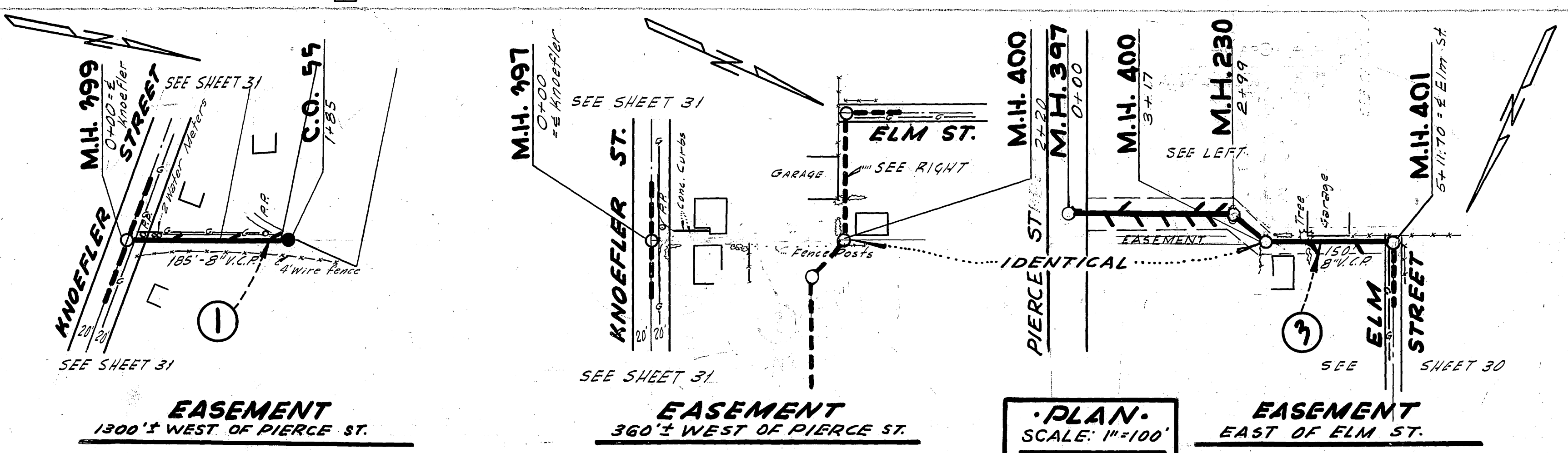
SCHEDULE "D"
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING &
371 SPURGEON BUILDING
SANTA ANA, CALIFORNIA.

SHEET NO. **32**
OF 34 SHEETS.

DATE: _____
BY: _____
CHECKED: _____
NO. _____

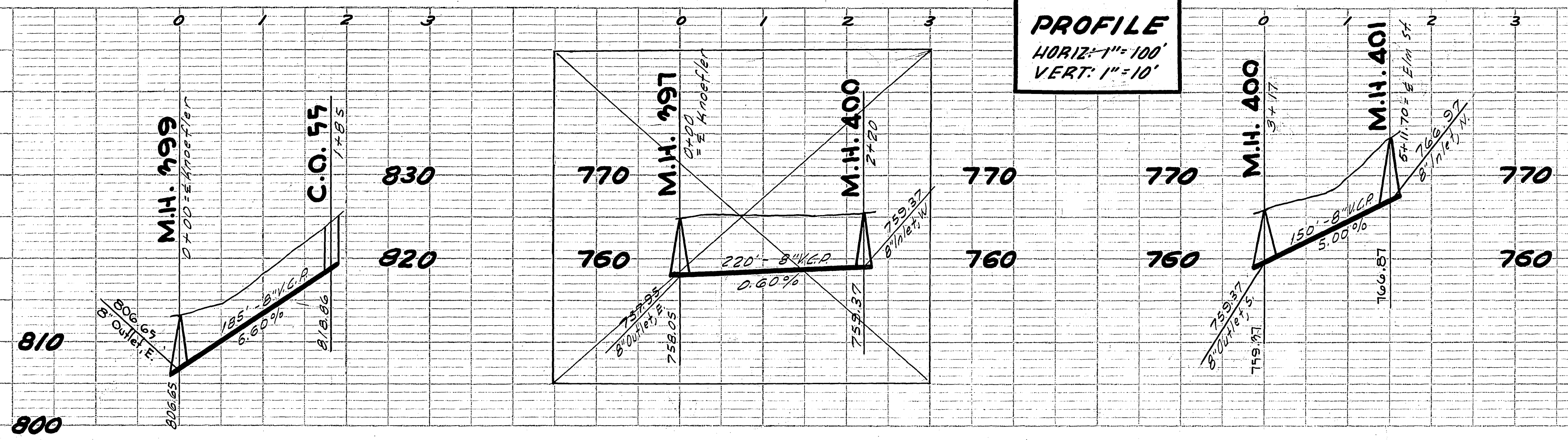
DATE: _____
BY: _____
CHECKED: _____
NO. _____

- ① CONSTRUCT 8" VCP SEWER, STANDARD MANHOLE, STANDARD CLEANOUT, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #399 AT STA. 0 + 00 TO CLEANOUT #55 AT STA. 1 + 85.
- ② CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #397 AT STA. 0 + 00 TO MANHOLE #400 AT STA. 2 + 20.
- ③ CONSTRUCT 8" VCP SEWER, STANDARD MANHOLES, 4" VCP HOUSE CONNECTIONS AND WYES FROM MANHOLE #400 AT STA. 0 + 00 TO MANHOLE #401 AT STA. 1 + 50.



PLAN
SCALE: 1"=100'

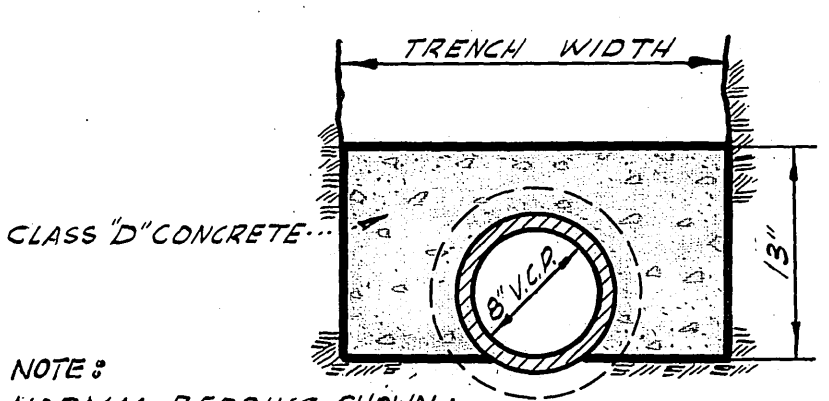
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'



SCHEDULE "D"

DETAIL "A"
PARTIAL CONCRETE CRADLE WITH NORMAL BEDDING.

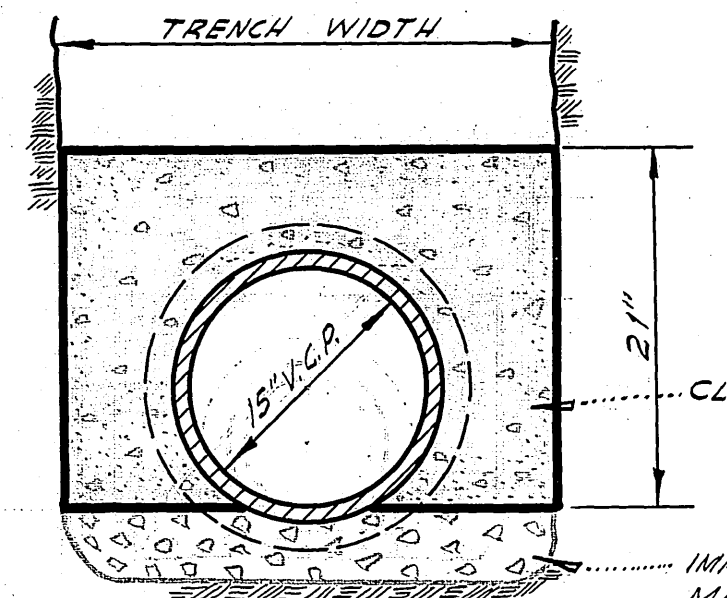
TO BE USED AT FOLLOWING LOCATIONS:
■ BONITA STREET APPROX. STA. 12+00, SHT. 29



NOTE:
NORMAL BEDDING SHOWN; ACTUAL CONSTRUCTION MAY OR MAY NOT REQUIRE SPECIAL BEDDING

DETAIL "B"
PARTIAL CONCRETE CRADLE WITH IMPORTED BEDDING MATERIAL

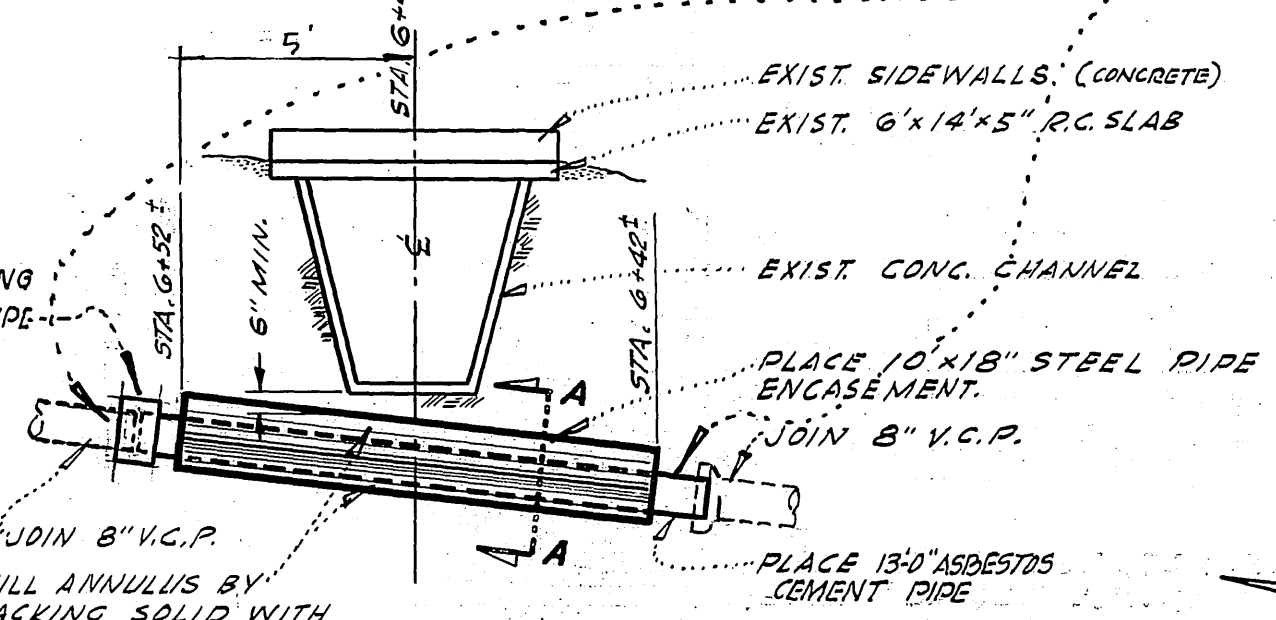
TO BE USED AT FOLLOWING LOCATION:
■ HOLE AVENUE, APPROX. STA. 16+00, SHEET 12



IMPORTED BEDDING MATERIAL SHOWN; ACTUAL CONSTRUCTION MAY OR MAY NOT REQUIRE SPECIAL BEDDING

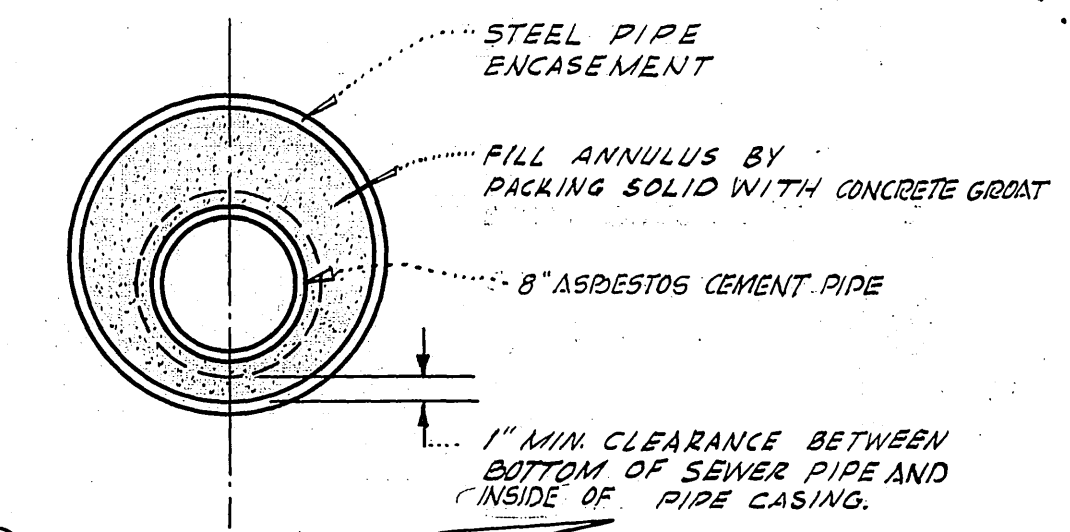
DETAIL "C"
RALEY DRIVE PIPE ENCASEMENT UNDER CANAL

SEE NOTES 8 & 9 ON SHEET 30



SCALE: 1"=4'

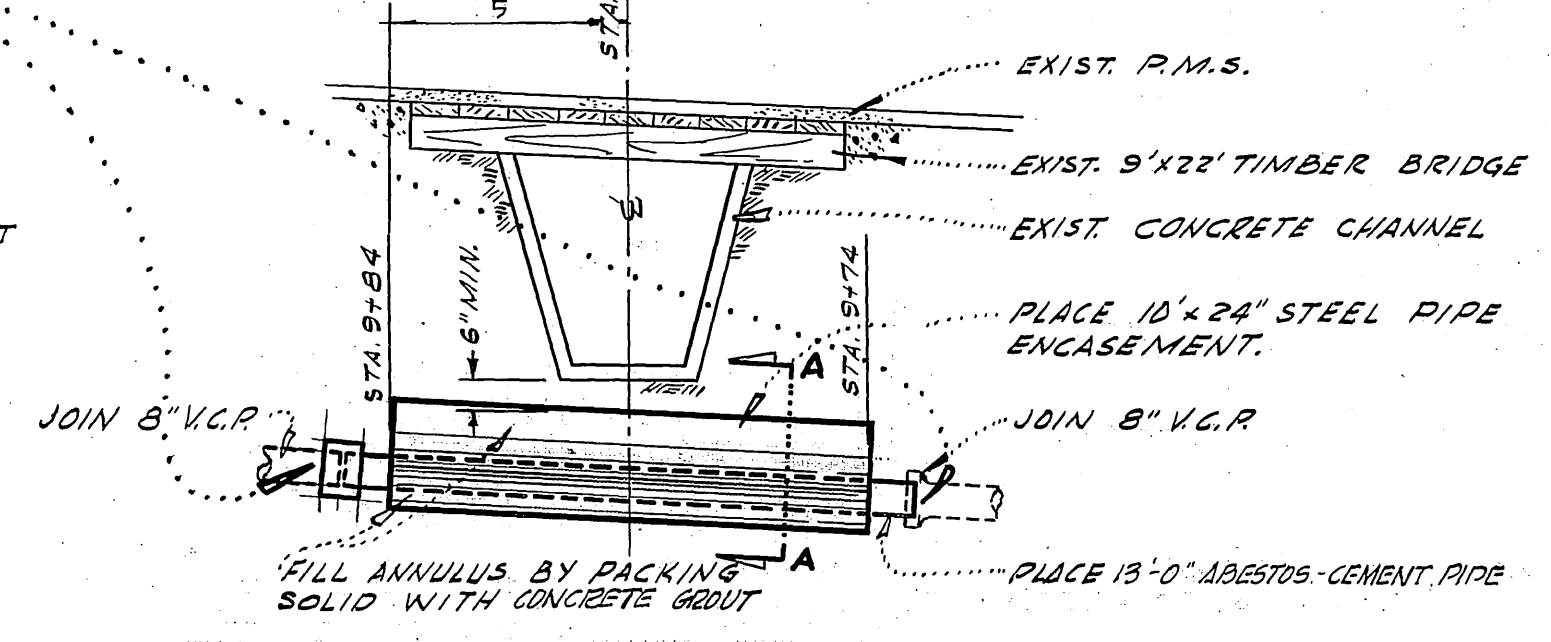
NOTE:
BOTH ENDS OF ASPHALT-CEMENT PIPE AND INSIDES OF ASPHALT-CEMENT PIPE FITTINGS SHALL BE PRIMED WITH PRIMER RECOMMENDED FOR USE WITH JOINT MATERIAL SELECTED FOR USE IN THE WORK.



SECTION A-A
NO SCALE

DETAIL "D"
KNOEFLE DRIVE PIPE ENCASEMENT UNDER CANAL

SEE NOTES 7 & 8 ON SHEET 31.



SCHEDULE "A & B"

SCHEDULE "D"

SCHEDULE "D"

AS CONSTRUCTED

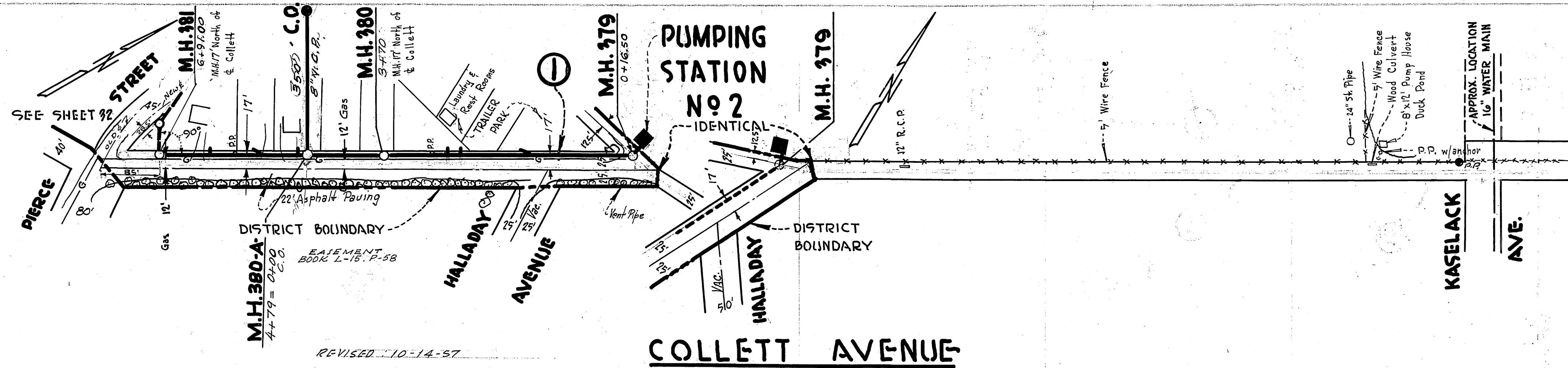
LA SIERRA COMMUNITY SERVICES DISTRICT
BOYLE ENGINEERING
731 SPURGEON BLDG.
SANTA ANA, CALIFORNIA

SHEET NO. 33
OF 34 SH.

S-497-D-418

DATE: _____
BY: _____
CHECKED: _____
DATE: _____
BY: _____
NOTE BOOK (GRADES CHECKED): _____
NO. _____
NOTE: _____
DATE: _____
BY: _____
CHECKED: _____
DATE: _____
BY: _____
NOTE BOOK (GRADES CHECKED): _____
NO. _____
NOTE: _____

DATE: _____
BY: _____
CHECKED: _____
DATE: _____
BY: _____
NOTE BOOK (GRADES CHECKED): _____
NO. _____
NOTE: _____

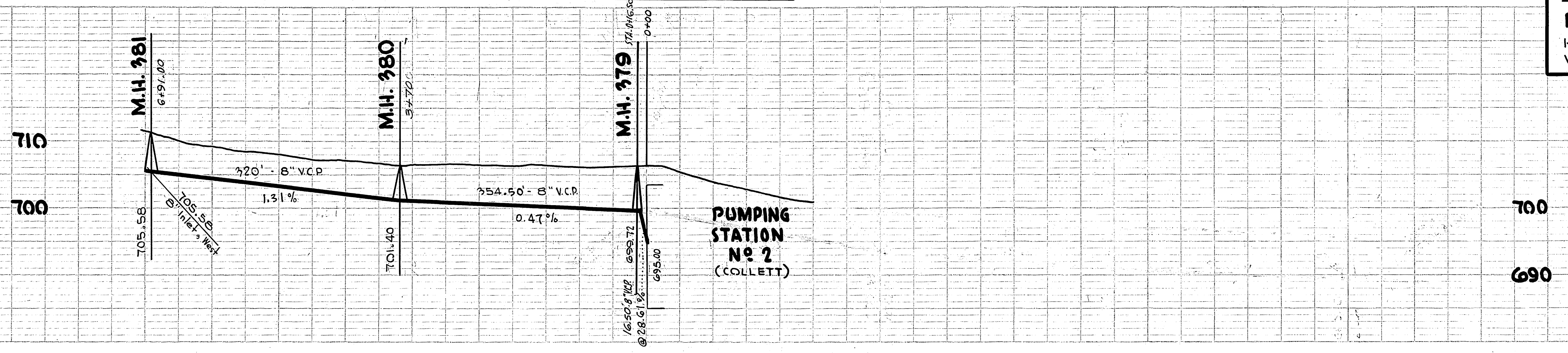


REVISED 10-14-57

① CONSTRUCT 8" V.C.P. SEWER, STANDARD MANHOLES, 4" V.C.P. HOUSE CONNECTIONS AND WYES FROM PUMP STATION NO. 2 AT STA. 0+00 TO MANHOLE #381 AT STA. 6+91.00.

PLAN
SCALE: 1"=100'

PROFILE
HORIZ.: 1"=100'
VERT.: 1"=10'



S-497-P.34

PLAN	DATE
REVISION	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

PROFILE	DATE
REVISION	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

SCHEDULE "D"

LA SIERRA COMMUNITY SERVICES DISTRICT

BOYLE ENGINEERING
331 SPURGEON BUILD.
SANTA ANA, CALIFORNIA.

SHEET NO. 34 OF 34 SHEETS.

S-497-118

LA SIERRA COMMUNITY SERVICES DISTRICT

RIVERSIDE COUNTY, CALIFORNIA.

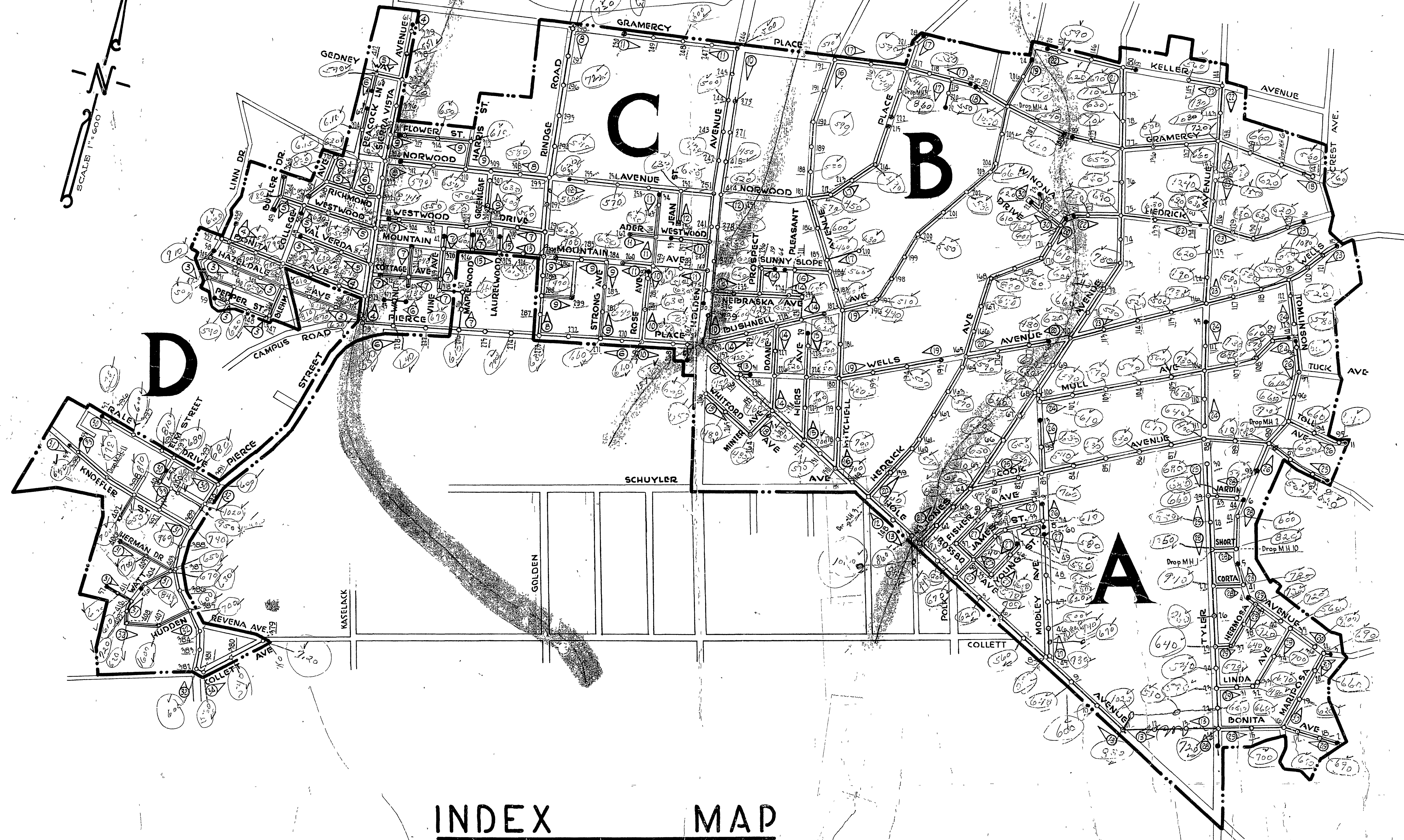
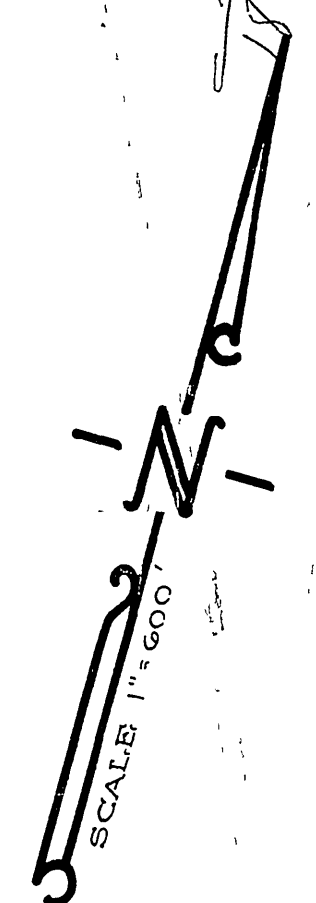
70 62 180 60 4
12
37
157 50

950
770
1090
1240
820
620
560
700
710

Outfall -
#1 - 5.0
#2 - 8.4
#4 - 10.7
#6 - 9.1
#8 - 6.2
#9 - 6.2
#10 - 5.6
#12 - 7.1
#13 - 5.7
#15 - 6.2
#16 - 10.3
#17 - 8.2

2302.10
DROP
89.40
2319.40
82.70
2302.10
15.30
2317.60

2302.10
82.70
2384.80



LEGEND

1. LA SIERRA COMMUNITY SERVICE DISTRICT BOUNDARY.....
 2. SEWER MAIN, MANHOLE & CLEANOUTS.....
 3. FORCE MAIN.....
 4. WYE BRANCH.....
 5. TEE BRANCH.....
 6. CHIMNEY.....
 7. SEWER ENCASUREMENT.....
 8. SEWER HOUSE CONNECTION.....
 9. EXISTING CULTURE °.....
- (a) WATER MAIN.....
- (b) GAS MAIN.....
- (c) FENCES.....
- (d) POWER AND TELEPHONE.....
- (e) BUILDING.....
- (f) WATER HYDRANTS.....
- (g) TREES.....

10. SHEET NUMBERING SYSTEM ON INDEX MAP :
COLLECTION SYSTEM.....

NOTE :

THE LA SIERRA COMMUNITY SERVICES DISTRICT IS SERVED WITH THE FOLLOWING PUBLIC UTILITIES:
TWIN BUTTES WATER CO., 11072 HOLE AVE., LA SIERRA
ARLINGTON MUTUAL WATER CO, 11072 HOLE AVE., LA SIERRA
CITIZENS DOMESTIC WATER CO., 9555 MAGNOLIA AVE., ARLINGTON
SO. CALIF. EDISON CO.
SO. CALIF. GAS CO.
PACIFIC TEL. AND TEL. CO.
SEVERAL PRIVATE WATER SUPPLIES OPERATE WITHIN THE DISTRICT.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES.

INDEX MAP

SCALE 1"=600'

LA SIERRA
COMMUNITY SERVICES DIST.
RIVERSIDE COUNTY, CALIFORNIA

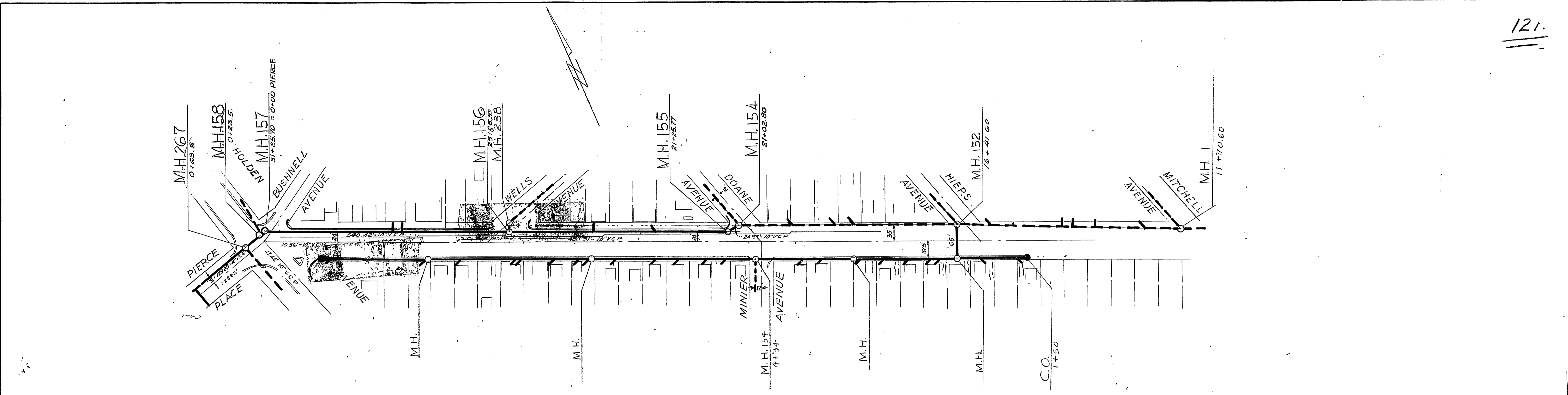
INDEX MAP

SHEET NO. 2

5491

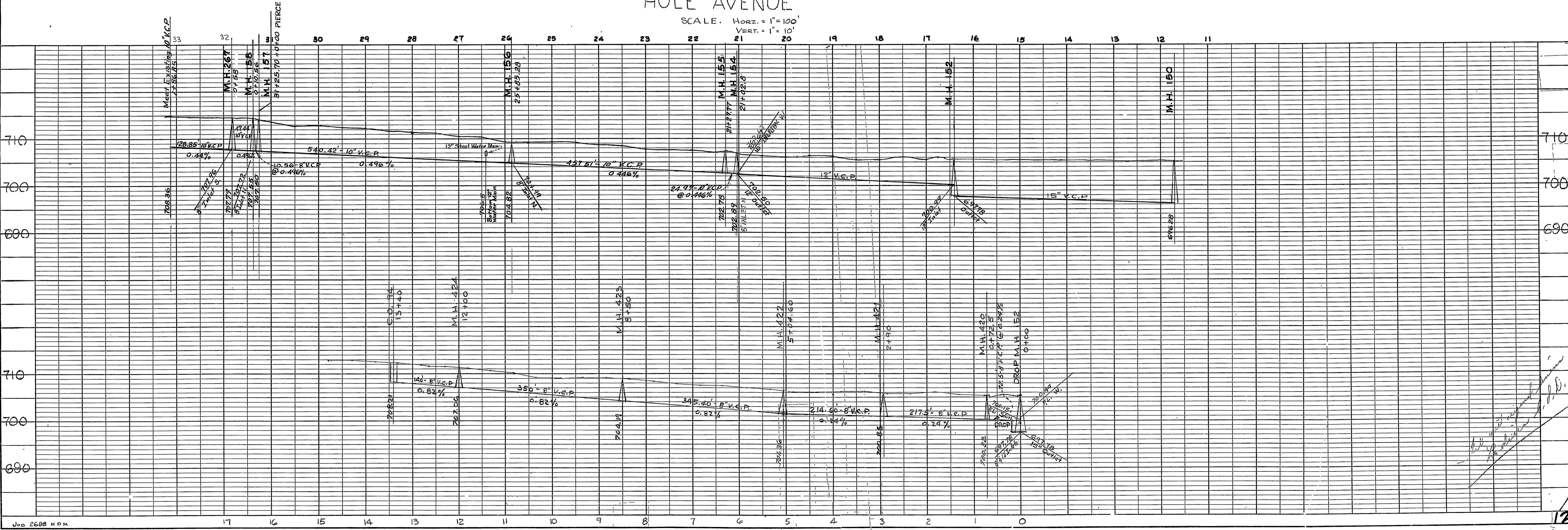
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	BY	
	NO.	



HOLE AVENUE

SCALE. Horiz. = 1" = 100'
VERT. = 1" = 10'



Job 2698 KCM