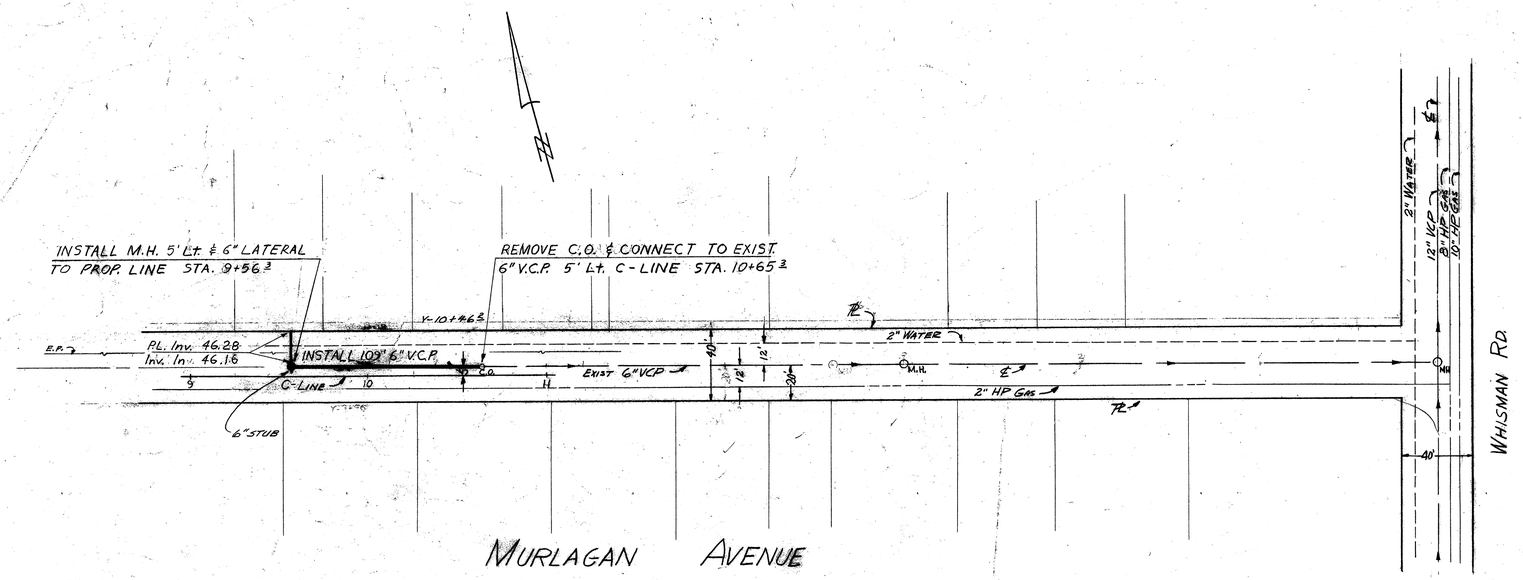
SEMS-RM DOCID # 1164915

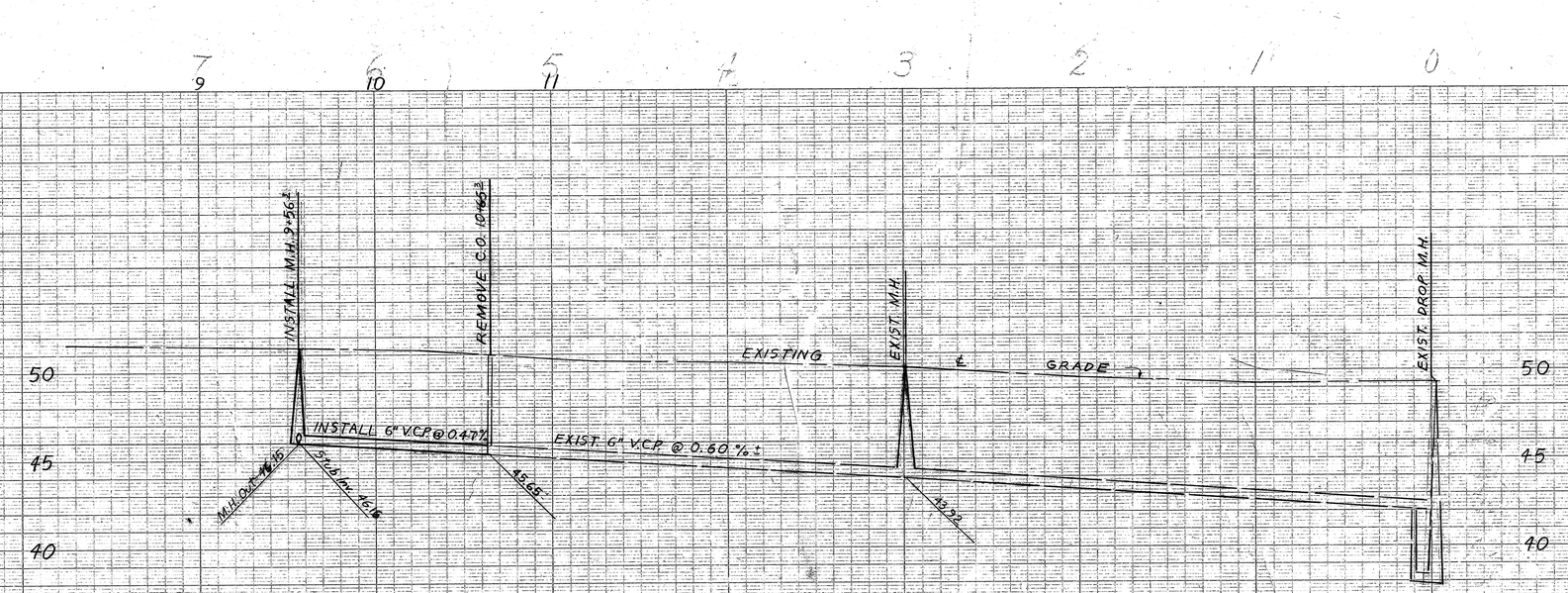


LEGEND

PROPOSED SEWER —— M.H.
EXISTING SEWER —— M.H.
" WATER - - - - -
" GAS - - - - -

AS BUILT PLAN
DATE: 10/25/60 BY: W.E.S.

M.V. DATUM B.M. 159 SPIKE IN POWER POLE N.W. CORNER MURLAGAN AND DEVONSHIRE ELEVATION 51.79



MICROFILMED JAN 65

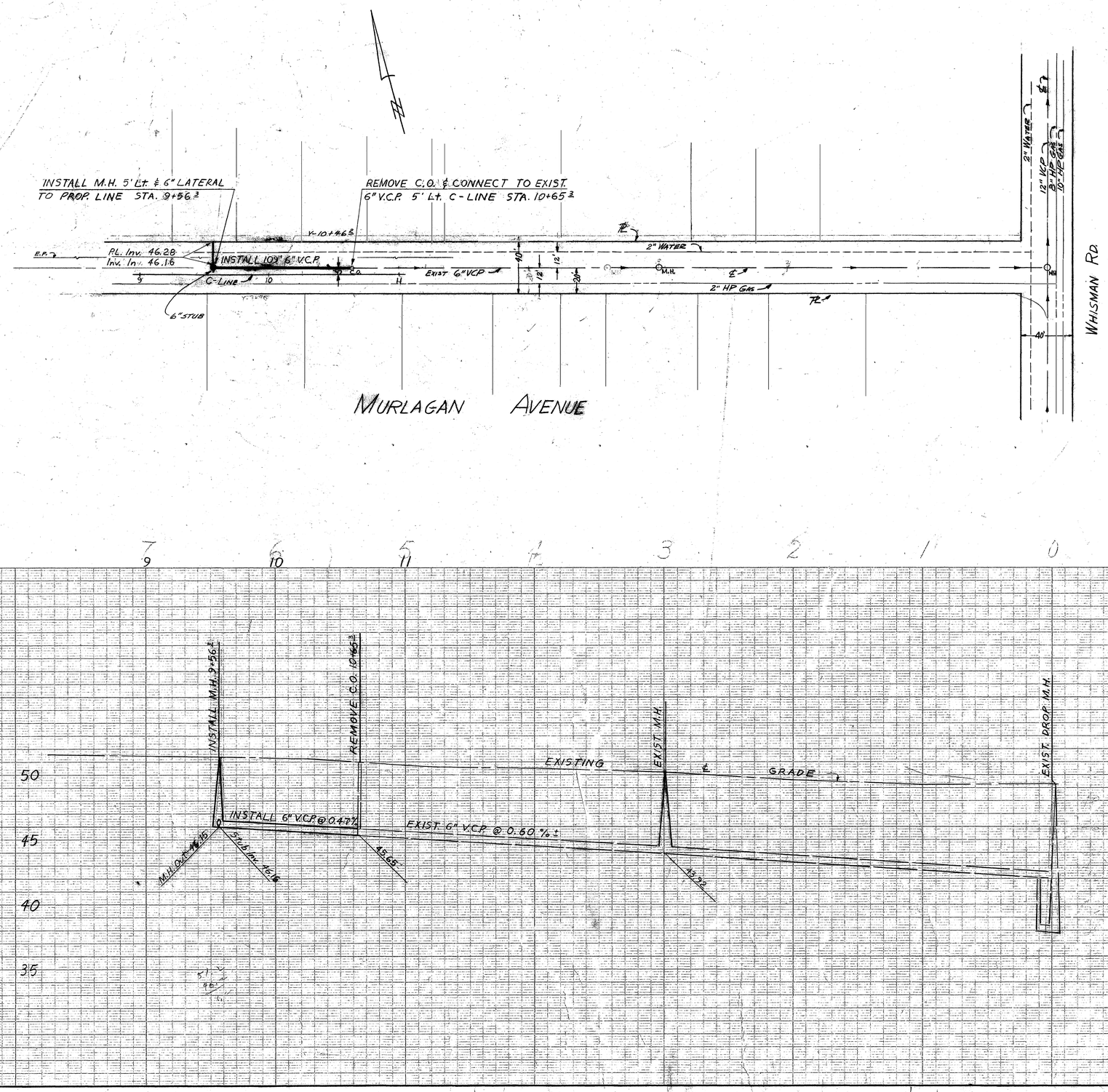
NO.	REVISION	DATE	BY

CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MURLAGAN AVE. S.M.X.

PROJECT 60-27

SCALE: Horiz. 1"=40' Vert. 1"=4'	DATE: 9-7-60	SHEET 1 OF 1	
DES. D.A.Y.	APPROVED: Blanche L. Hanson, ASST. DIRECTOR OF PUBLIC WORKS		FIELD NOTES LL-9160
DR. M.F. & A.L.			
CK. A.L.	9-12-60 DATE	11701 R.C.E. NO.	FILE NO. - 1 1350-M
CK. M.F.			



LEGEND

PROPOSED SEWER — M.H.
EXISTING SEWER — M.H.
" WATER
" GAS

AS BUILT PLAN
DATE: 12/28/60 BY: W.E.S.

M.V. DATUM B.M. 159 SPIKE IN POWER POLE N.W. CORNER MURLAGAN AND DEVONSHIRE ELEVATION 51.79

MICROFILMED JAN 65

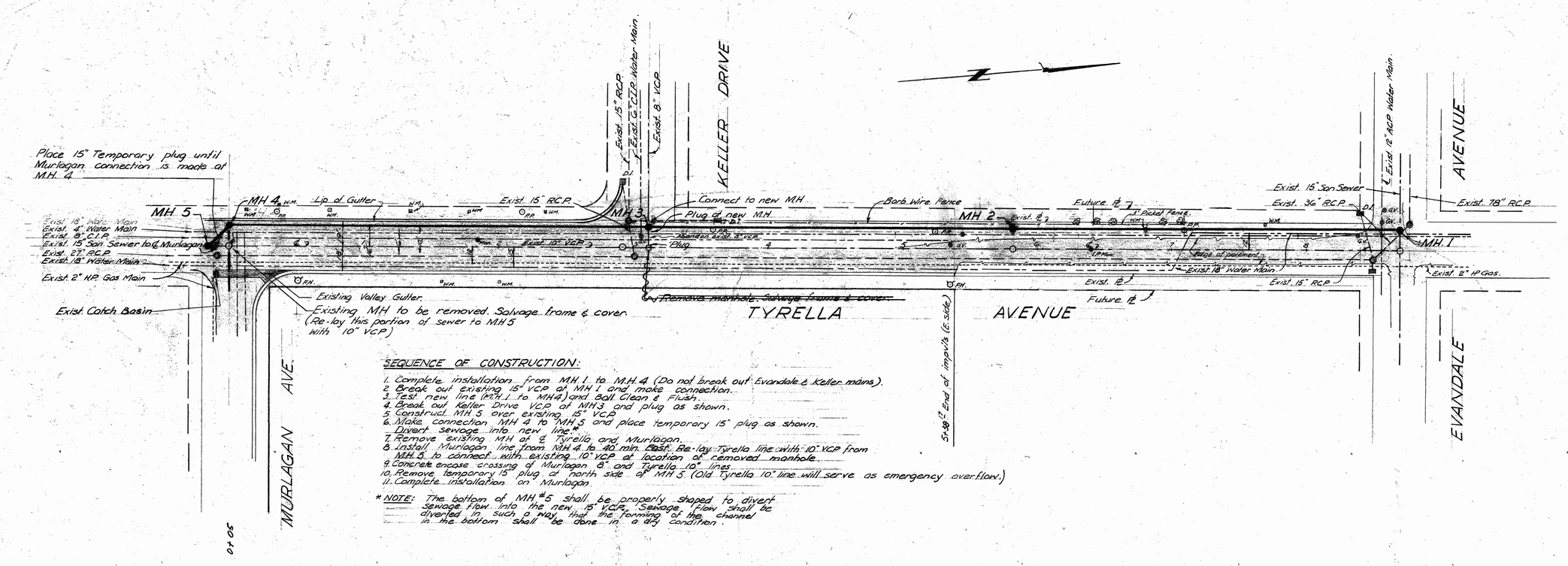
NO.	REVISION	DATE	BY

CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

MURLAGAN AVE. S.M.X.

PROJECT 60-27

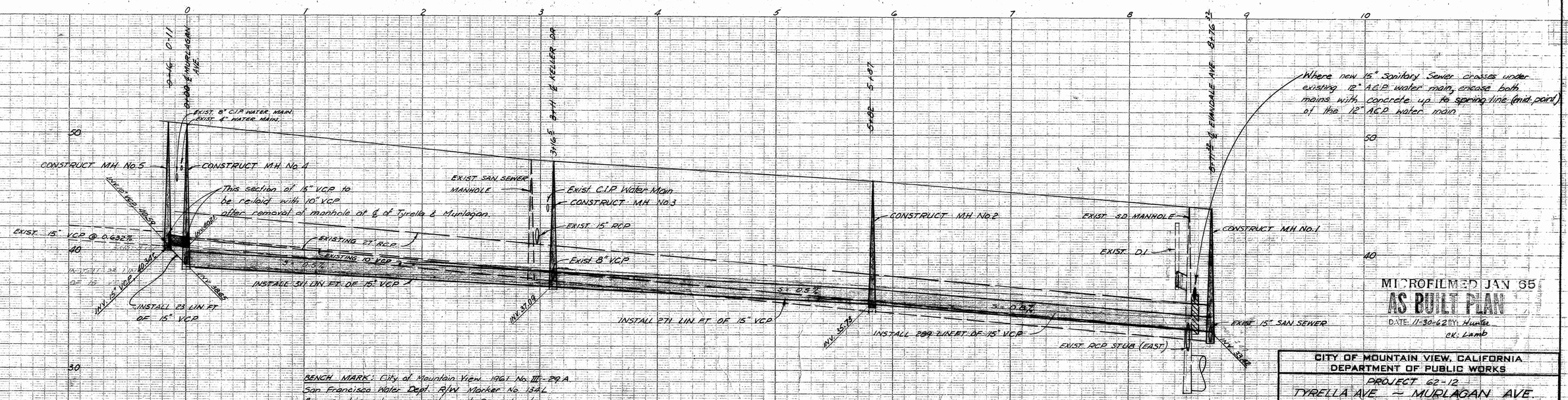
SCALE: Horiz. 1"=40' Vert. 1"=4'	DATE: 9-7-60	SHEET 1 OF 1	
DES. D.A.Y.	APPROVED: Blair L. Hanson, ASST. DIRECTOR OF PUBLIC WORKS		FIELD NOTES LL-160
DR. M.F. & A.L.			
CK. A.L.	9-12-60 DATE	11701 R.C.E. NO.	FILE NO. 1
CK. M.F.			1350-1



SEQUENCE OF CONSTRUCTION:

1. Complete installation from MH 1 to M.H. 4 (Do not break out Evandale & Keller mains).
2. Break out existing 15" VCP at MH 1 and make connection.
3. Test new line (M.H. 1 to MH4) and Ball Clean & Flush.
4. Break out Keller Drive VCP at MH3 and plug as shown.
5. Construct MH 5 over existing 15" VCP.
6. Make connection MH 4 to MH 5 and place temporary 15" plug as shown. Divert sewage into new line.*
7. Remove existing MH at ℄ Tyrella and Murlagan.
8. Install Murlagan line from MH 4 to 40 min. East. Re-lay Tyrella line with 10" VCP from MH 5 to connect with existing 10" VCP at location of removed manhole.
9. Concrete encase crossing of Murlagan 8" and Tyrella 10" lines.
10. Remove temporary 15" plug at north side of MH 5. (Old Tyrella 10" line will serve as emergency overflow.)
11. Complete installation on Murlagan.

* NOTE: The bottom of MH #5 shall be properly shaped to divert sewage flow into the new 15" VCP. Sewage flow shall be diverted in such a way that the forming of the channel in the bottom shall be done in a dry condition.



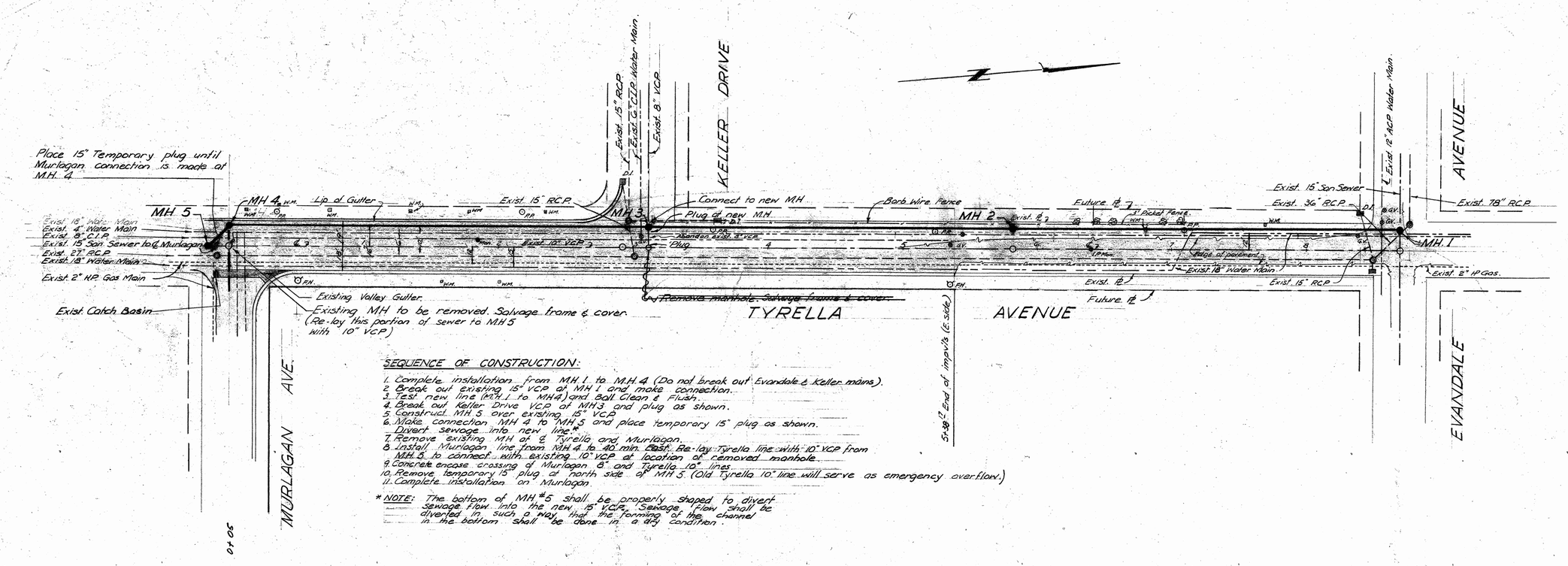
BENCH MARK: City of Mountain View 1961 No. III-29 A
San Francisco Water Dept. R/W Marker No. 134 L
Bronze disc set in concrete post @ west R/W line of Tyrella Ave & south R/W line of Hetch Hetchy
ELEV. 59.003
* REVISED ELEV. 58.703
9-25-62 HELMS
DATUM - 0.90' = REVISED DATUM

MICROFILMED JAN 65
AS BUILT PLAN
DATE: 11-30-62 BY: Hunter
CK: Lamb

CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

PROJECT 62-12
TYRELLA AVE ~ MURLAGAN AVE.
SANITARY SEWER

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'	DATE: MAY '62	SHEET 7 OF 8
DES. Anderson	APPROVED: Blair S. Stover ASSIST. DIRECTOR OF PUBLIC WORKS	FIELD NOTES
DR. Anderson		
CK. Stoddard		
CK. Parker	6-22-62 DATE	11701 R.C.E. NO.	FILE NO. 1350-2



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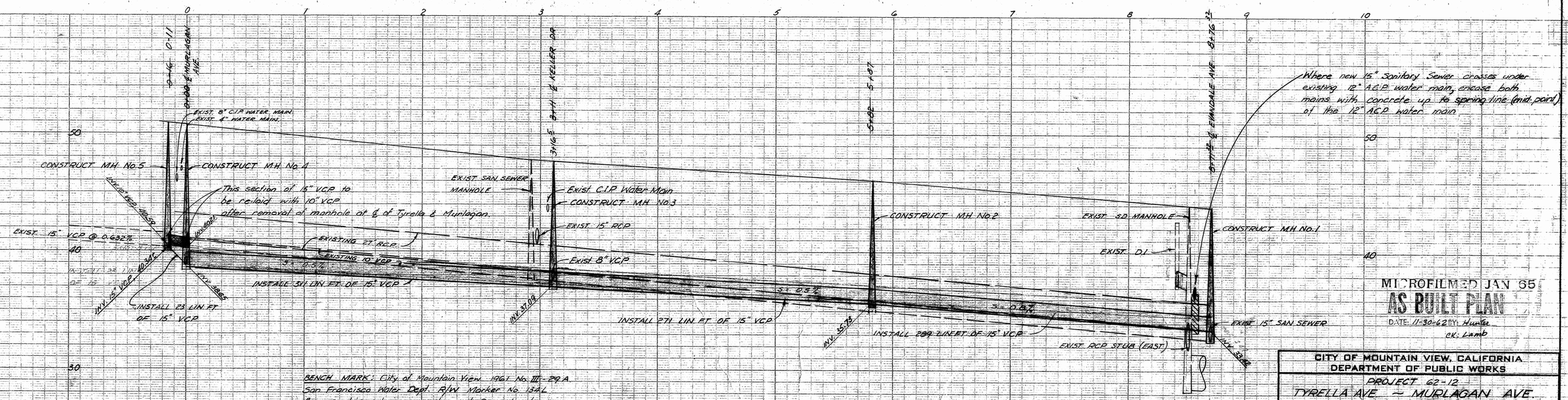


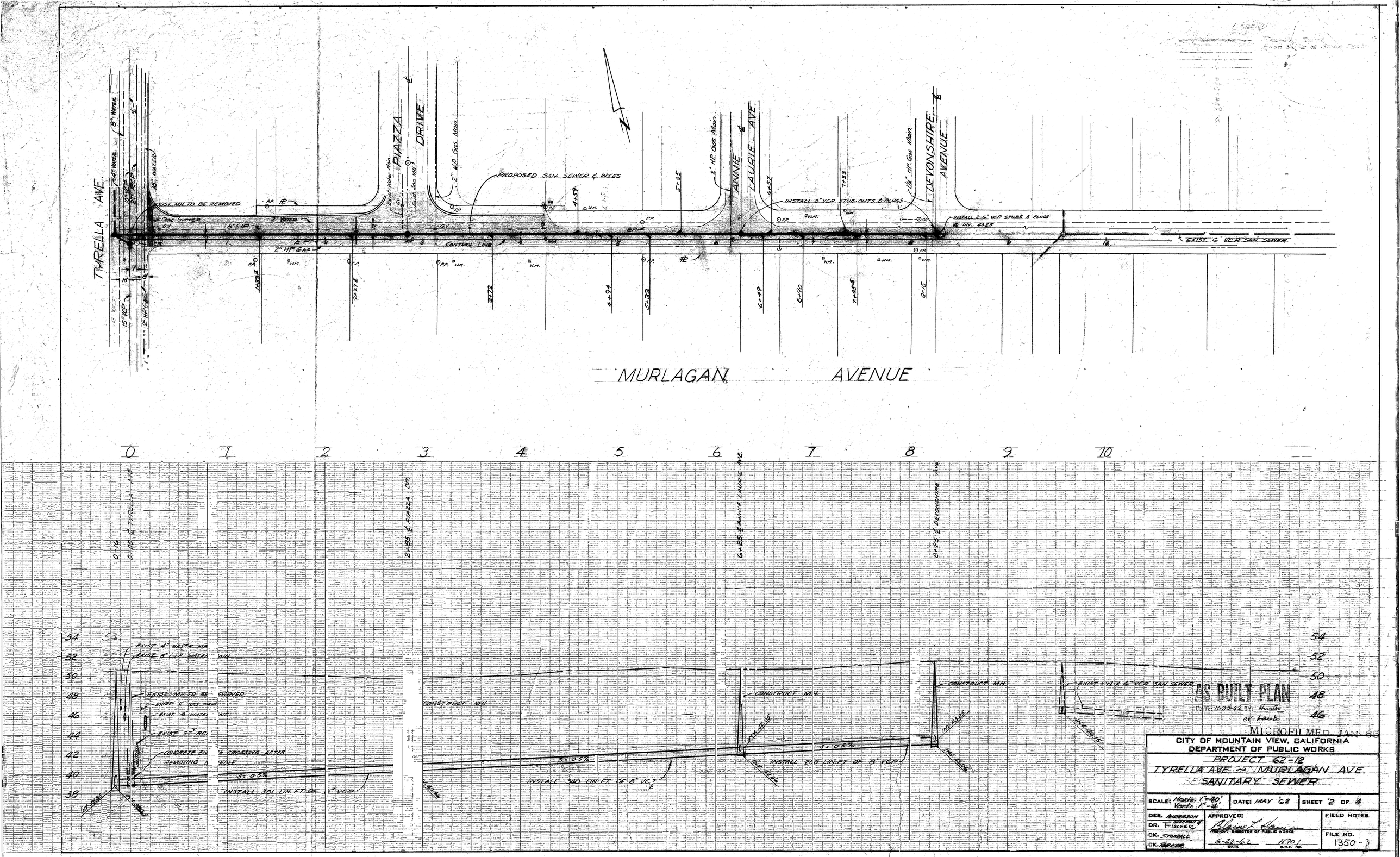
BENCH MARK: City of Mountain View 1961 No. III-29 A
San Francisco Water Dept. R/W Marker No. 134 L
Bronze disc set in concrete post @ west R/W line of Tyrella Ave & south R/W line of Hetch Hetchy
ELEV. 59.003
* REVISED ELEV. 58.703
9-25-62 HELMS
DATUM - 0.90' = REVISED DATUM

MICROFILMED JAN 65
AS BUILT PLAN
DATE: 11-30-62 BY: Hunter
CK: Lamb

CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

PROJECT 62-12
TYRELLA AVE ~ MURLAGAN AVE.
SANITARY SEWER

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'	DATE: MAY '62	SHEET 7 OF 8
DES. Anderson	APPROVED: Blair S. Stover ASSIST. DIRECTOR OF PUBLIC WORKS	FIELD NOTES
DR. Anderson		
CK. Stoddard		
CK. Parker	6-22-62 DATE	11701 R.C.E. NO.	FILE NO. 1350-2



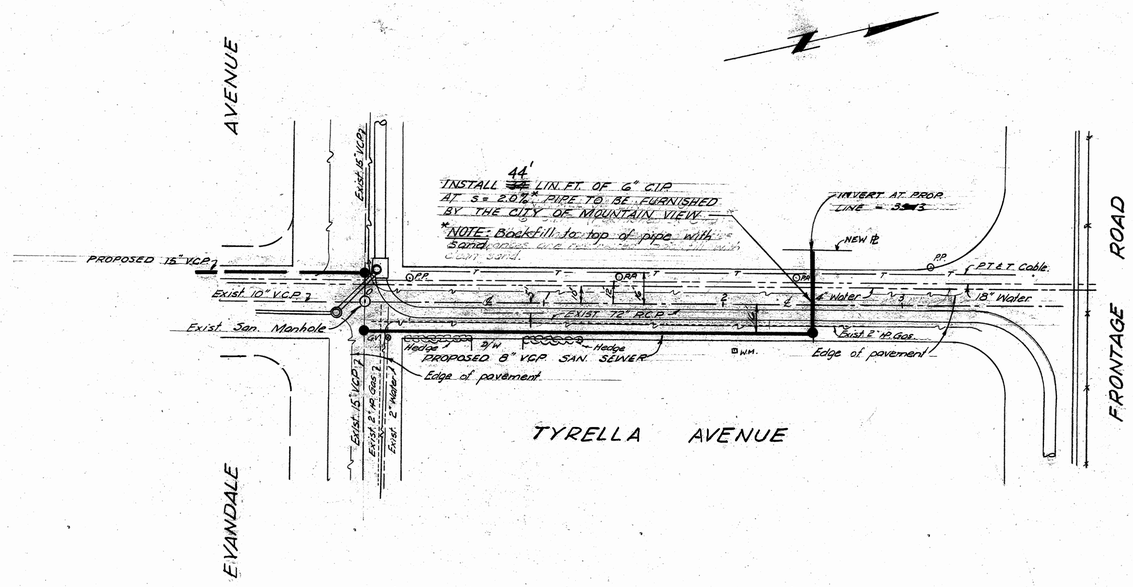
AS BUILT PLAN
DATE: 11-30-62 BY: Hunter
CK: Lamb

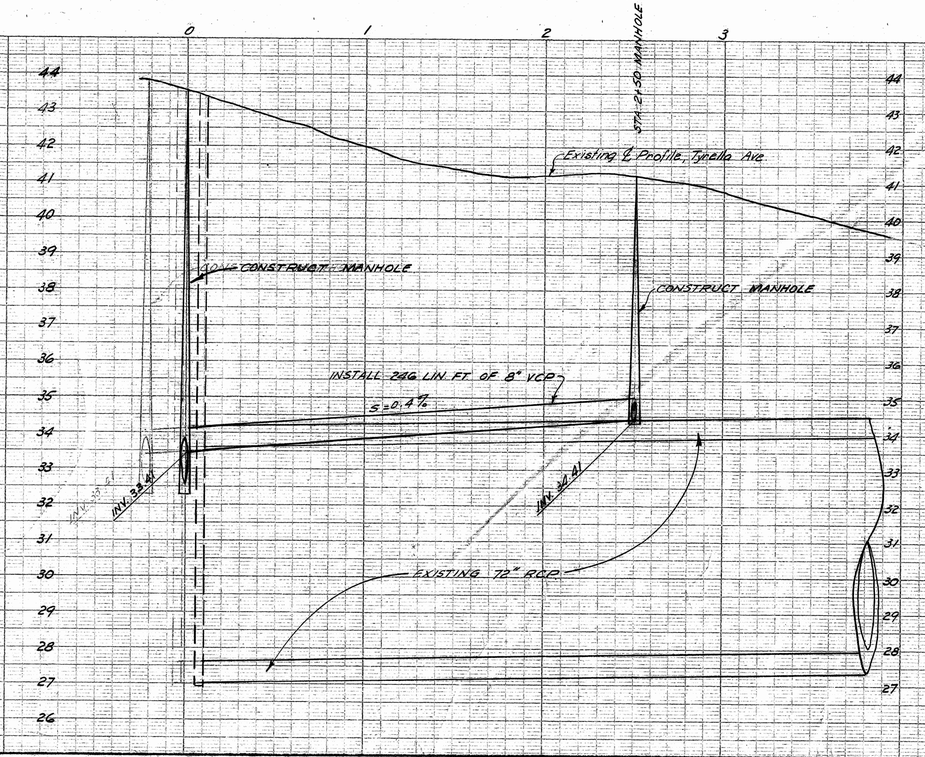
MICROFILMED JAN 65

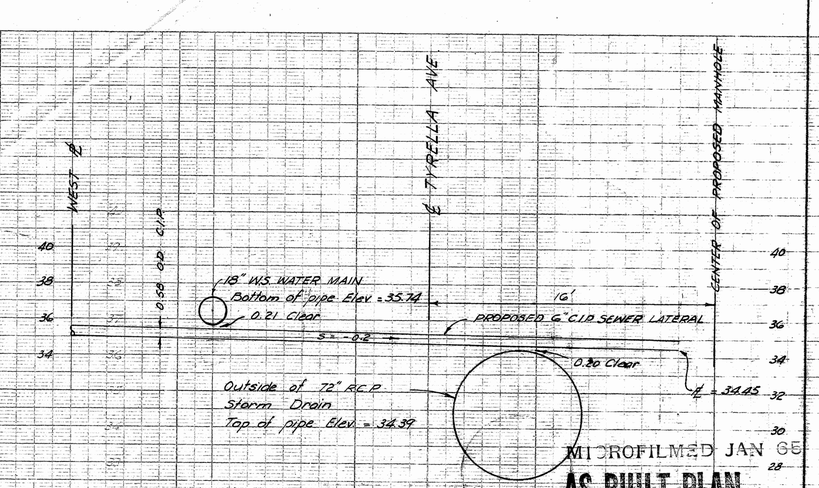
CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

PROJECT 62-12
TYRELLA AVE. & MURLAGAN AVE.
SANITARY SEWER

SCALE: Horiz. 1"=40' Vert. 1"=4'	DATE: MAY '62	SHEET 2 OF 4
DES. ANDERSON DR. FISCHER CK. STANDALL CK. PARKER	APPROVED: Blaine L. Harris, DIRECTOR OF PUBLIC WORKS 6-22-62 (DATE) 1120 1 (R.C.E. NO.)	FIELD NOTES FILE NO. 1350-3







CROSS SECTION OF TYRELLA AT STA 2+50
(LOOKING NORTH)

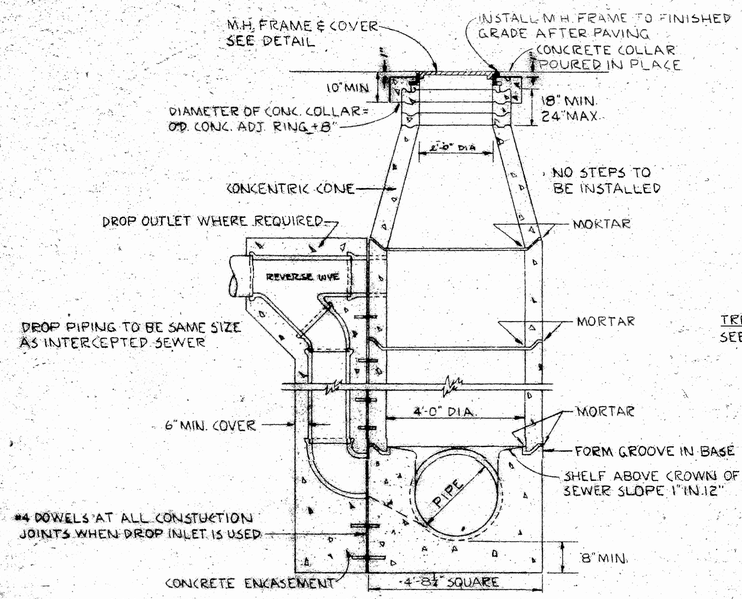
SCALE: Horiz. 1" = 4'
Vert. 1" = 4'

MICROFILMED JAN 65

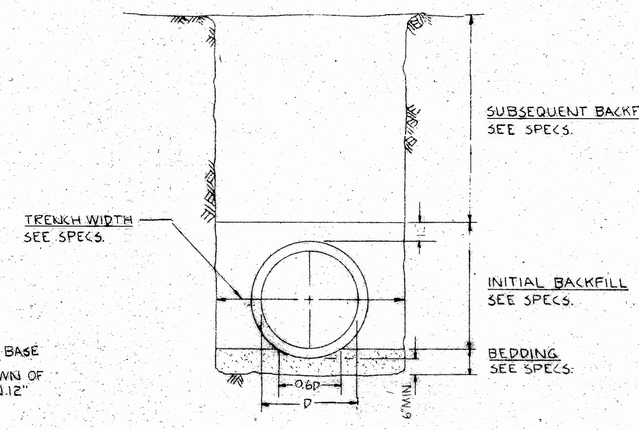
AS BUILT PLAN

DATE: 11-30-62 BY: Hunter
CK: Lamb

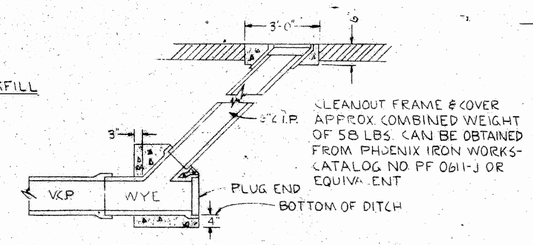
CITY OF MOUNTAIN VIEW, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
PROJECT 62-12 TYRELLA AVE – MURLAGAN AVE SANITARY SEWER			
SCALE: HORIZ. 1"=40' VERT. 1"=2'	DATE: JUNE 62	SHEET 3 OF 4	
DES. STONDALL DR. ANDERSON CK. STONDALL CK. PARKER	APPROVED: Robert L. Hunter ASSIST. DIRECTOR OF PUBLIC WORKS 6-22-62 DATE	11(10) R.E.E. NO.	FIELD NOTES FILE NO. 1350-4



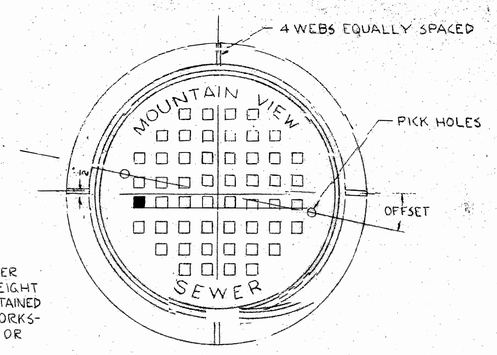
STANDARD MANHOLE



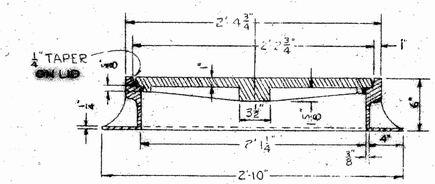
TRENCH BACKFILL



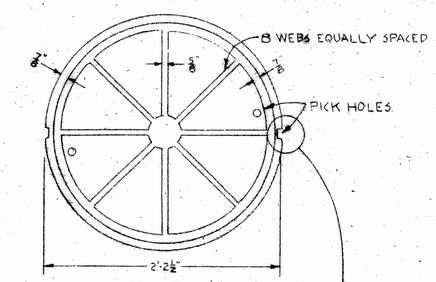
CLEANOUT DETAIL



PLAN- FRAME & COVER

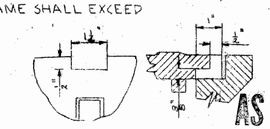


SECTION



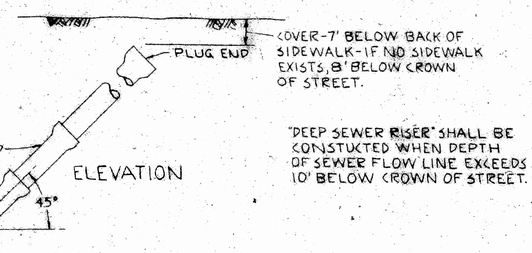
COVER-BOTTOM VIEW

NOTE:
BOTTOM RIM OF COVER & SEAT OF FRAME SHALL BE MACHINED TO FORM A CLOSE FIT FREE FROM WOBBLE. COMBINED WEIGHT OF COVER & FRAME SHALL EXCEED 330 LBS.

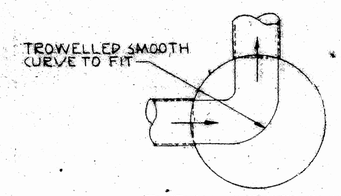


AS BUILT PLAN
DATE: 11-30-62 BY: Hunter
CK: Lamb

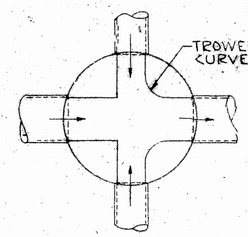
MANHOLE FRAME & COVER DETAIL



6" V.C.P. DEEP SEWER RISER

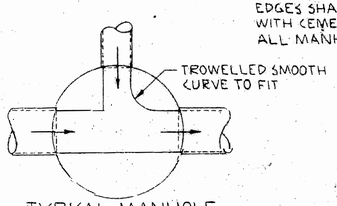


TYPICAL CURVED MANHOLE

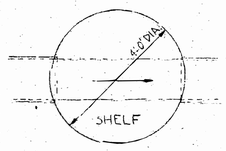


TYPICAL MANHOLE WITH 2 BRANCHES

NOTE:
THE TOP HALF OF THE PIPE SHALL BE REMOVED TO THE CONTOUR OF THE INSIDE OF THE MANHOLE & THE BROKEN EDGES SHALL BE PLASTERED SMOOTH WITH CEMENT GROUT. TYPICAL FOR ALL MANHOLES.

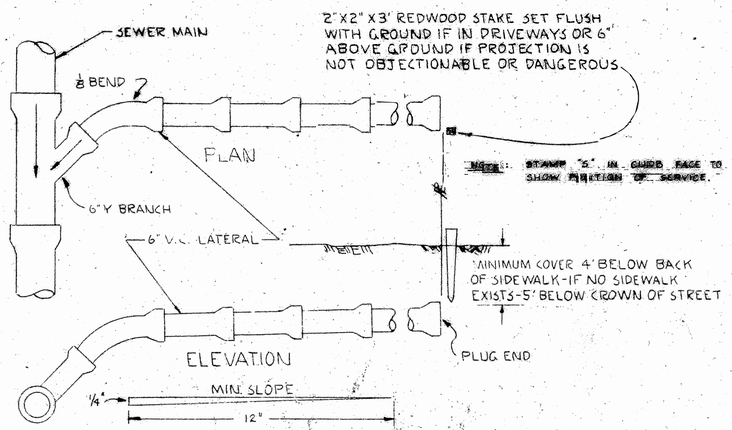


TYPICAL MANHOLE WITH 1 BRANCH



TYPICAL STRAIGHT THROUGH MANHOLE

STANDARD MANHOLE SECTIONS



SEWER SERVICE DETAIL

PROJECT 62-12
TYRELLA AVE ~ MURLAGAN AVE SAN. SEWER

MICROFILMED JAN 85

NO.	REVISION	DATE	DRW.	CK.
3	ADDED NOTE: "STAMP 'S' IN ... SERVICE" REMOVED "BACK OF SIDEWALK"	3-26-62	RHA	
2	TRACED & REDRAWN FROM ORIGINAL	2/6/61	MLF	WES
1	ADDED DEEP SEWER RISER	10/10/60	BMH	WES

CITY OF MOUNTAIN VIEW, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

STANDARD SEWER DETAILS

SCALE: NONE | DATE: FEB 6, 1961 | SHEET 4 OF 4

DES. YOUNG
DR. PDW
CK. YOUNG
CK.

APPROVED: 6/12/62
Blaine L. Hanson
ASST. DIRECTOR OF PUBLIC WORKS
DATE 2-6-61 | R.O.E. NO. 11701

FIELD NOTES

FILE NO. 1350-5

Speed #9