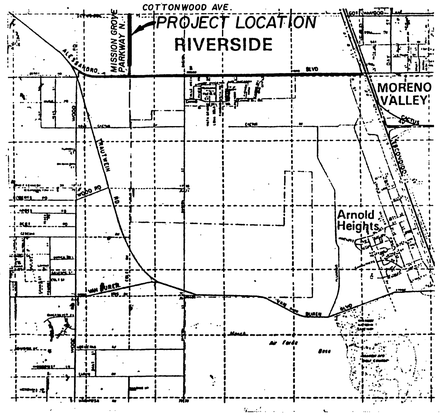
STREET IMPROVEMENT PLAN
FOR
MISSION GROVE PARKWAY NORTH



VICINITY MAP
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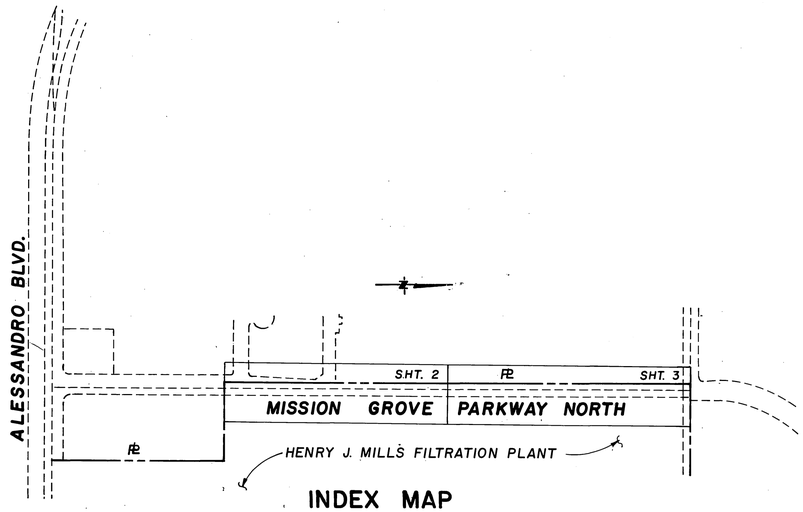
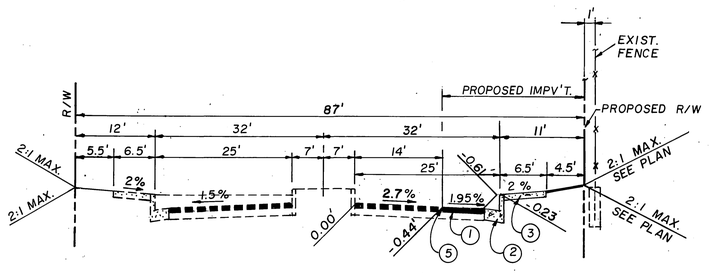
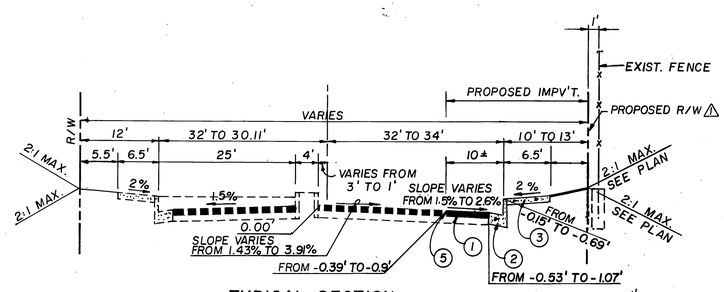


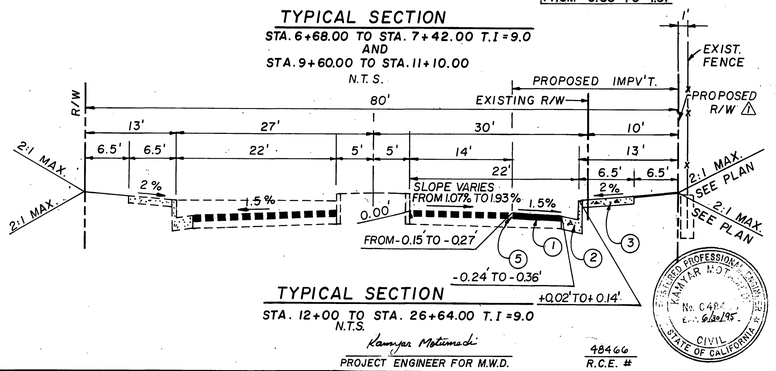
INDEX MAP
N.T.S.



TYPICAL SECTION
AT STA. 8+62.23 T.I = 9.0
N.T.S.



TYPICAL SECTION
STA. 6+68.00 TO STA. 7+42.00 T.I = 9.0
AND
STA. 9+60.00 TO STA. 11+10.00
N.T.S.



TYPICAL SECTION
STA. 12+00 TO STA. 26+64.00 T.I = 9.0
N.T.S.

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

Underground Service Alert
Call: TOLL FREE
1 - 800
422 - 4133
TWO WORKING DAYS BEFORE YOU DIG

Kamyar Motamedi — 48466
PROJECT ENGINEER FOR M.W.D. — R.C.E. #

REGISTERED PROFESSIONAL ENGINEER KAMYAR MOTAMEDI No. C48466 Exp. 6/30/95 CIVIL STATE OF CALIFORNIA

GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING NO. 10, AND THE FOLLOWING SECTIONS OF THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: A) PART 2 - CONSTRUCTION MATERIALS AND B) PART 3 - CONSTRUCTION METHODS, EXCLUDING SECTIONS ON MEASUREMENT AND PAYMENT.
3. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
4. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY A PRIVATE ENGINEER.
5. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
6. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
7. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
8. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
9. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC SERVICE DEPARTMENT 351-6127 TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
10. NOTICE TO CONTRACTOR. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURE TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
11. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR.
12. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
13. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-422-4133, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
14. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITIES REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
15. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.
16. CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 787-7223 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT PITS, B) WHILE DIGGING PLANT PITS AND PLANTING/RELOCATION TREES, C) AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE, AND D) AT END OF MAINTENANCE/FIELD ACCEPTANCE (DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES).
17. CONTRACTOR TO GIVE THE CITY OF RIVERSIDE, WATER DIVISION, FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND ALLOW THE CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK PHONE # (909) 351-6168.

CONSTRUCTION NOTES:

1. CONSTRUCT 4 1/2" A.C. OVER 6" C.A.B PER S.R. # 1316 AND 1325 R. VALVE = 71 AND 77.
2. CONSTRUCT CURB AND GUTTER PER CITY OF RIVERSIDE STD. DRWG. NO. 200 (6" CURB FACE, TYPE I)
3. CONSTRUCT P.C.C. CURB SIDEWALK PER CITY OF RIVERSIDE STD. DRWG. NO. 225 (6' WIDE)
4. SAW CUT AND REMOVE EXISTING A.C. PAVEMENT AS SHOWN ON THE PLANS
5. REMOVE EXISTING REDWOOD HEADER
6. RELOCATE EXISTING A.R. VALVE BY CITY OF RIVERSIDE FORCES.
7. RELOCATE TRAFFIC SIGN AS SHOWN ON THE PLANS
8. ADJUST WATER VALVE TO GRADE BY CITY OF RIVERSIDE FORCES.

BENCH MARK

M.W.D. BRASS CAP MONUMENT IN HANDWELL "MP-33" PER F.B. 6238/37-39 ELEVATION = 1649.747 OR MP 46 ℄ INTERSECTION OF MISSION GROVE PARKWAY NORTH WITH CANNON ROAD ELEVATION = 1621.813

CITY OF RIVERSIDE / WATER SYSTEM

Richard L. Dobek — 2-25-93
Approved By: — Date

REV.	DATE	PRJ E	ARCH.	CIVIL	STRUCT.	MECH.	ELECT.	SPECS.	CONST.
0	1-14-93	RCS	KLC	MBS	KLC	OLM	MSC	JLS	EAA

REV.	REVISION	DATE	DWN.	CHK.	REC.	APP.

MWD
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
1111 SUNSET BOULEVARD
LOS ANGELES, CA 90012
(213) 250-6000

DESIGNED M.M.L. — RECOMMENDED — DATE FEBRUARY 1993
DRAWN N.N. — APPROVED
CHECKED M.L.

DISTRIBUTION SYSTEM
HENRY J. MILLS FILTRATION PLANT
EXPANSION No. 2
SITE-CIVIL
MISSION GROVE PARKWAY NORTH
PAVING PLAN — SHEET 1

SHEET C-60
SPECIFICATIONS 1238
WORK ORDER 4-6862
DWG. B-76487
REV.

MARK	REVISIONS	APPR.	DATE
⚠	RIGHT-OF-WAY VARIES — D13548	MC	5-19-97

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	3/4/93	
PARK DEPARTMENT	1-27-93	
TRAFFIC DIVISION	3/25/93	
CHIEF P. W. ENGINEER	4/2/93	
	4/1/93	

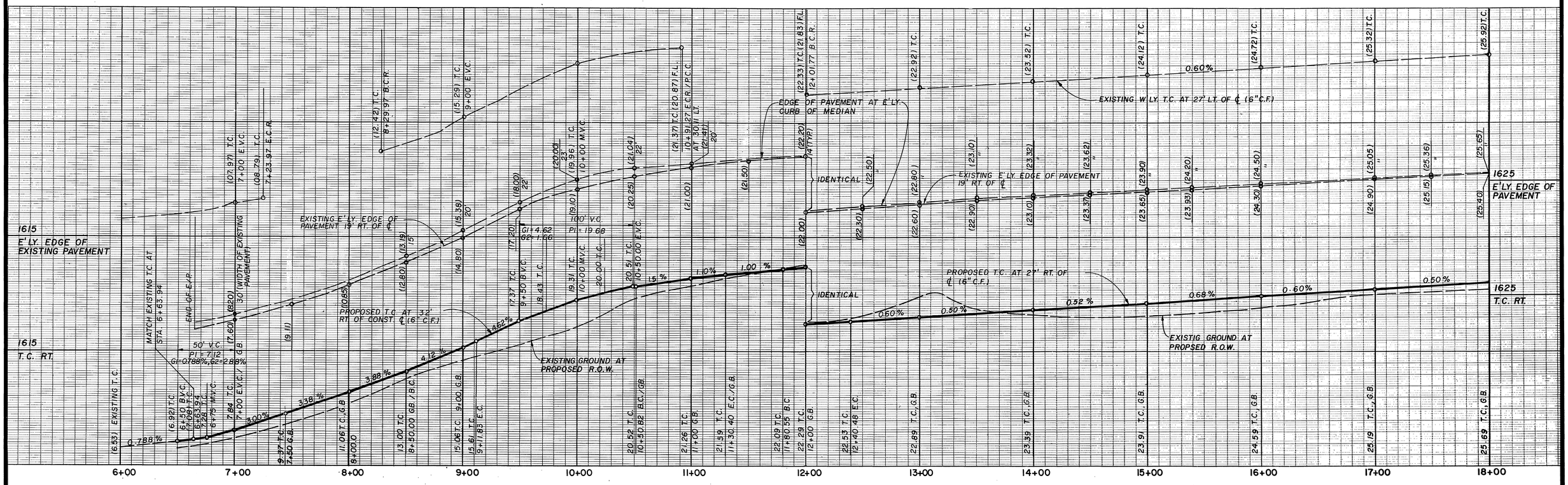
APPROVED BY: PUBLIC WORKS DIRECTOR
DATE 4/5/93

STREET PLAN AND PROFILE
MISSION GROVE PARKWAY NORTH
EAST SIDE FROM PORT ROYAL TO COTTONWOOD

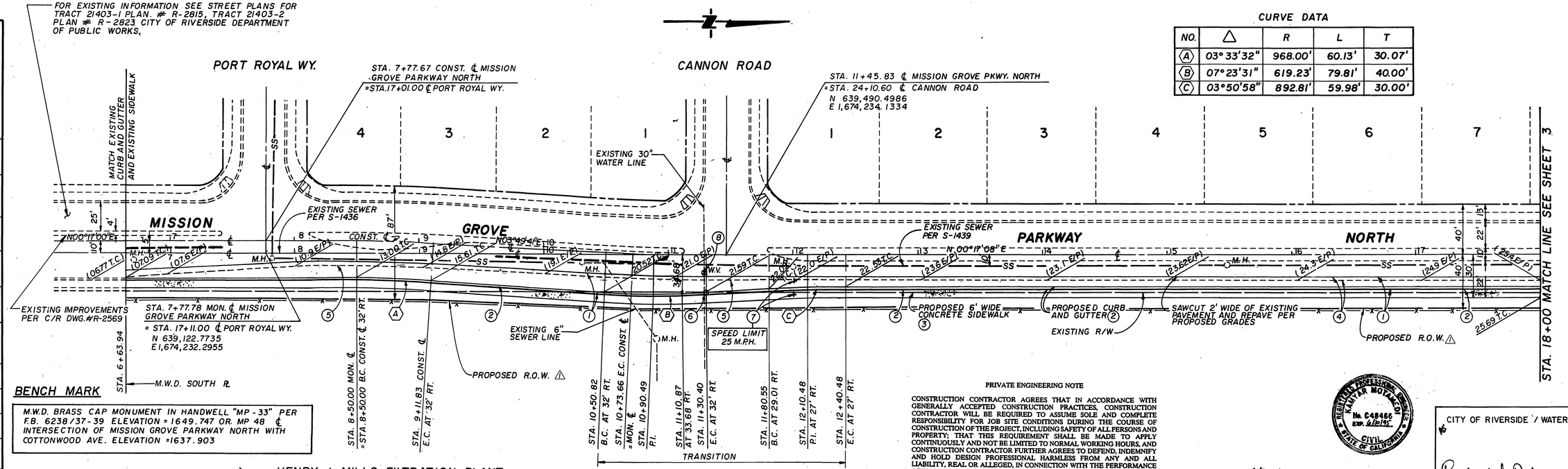
ACCOUNT NO. R-3318
SHEET 1 OF 3

FRED

INDEX 4-28-93



FOR EXISTING INFORMATION SEE STREET PLANS FOR TRACT 21403-1 PLAN. # R-2815, TRACT 21403-2 PLAN # R-2823 CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS.



CURVE DATA

NO.	△	R	L	T
A	03° 33' 32"	968.00'	60.13'	30.07'
B	07° 23' 31"	619.23'	79.81'	40.00'
C	03° 50' 58"	892.81'	59.98'	30.00'

BENCH MARK

M.W.D. BRASS CAP MONUMENT IN HANDWELL "MP-33" PER F.B. 6238/37-39 ELEVATION = 1649.747 OR. MP 48 ℄ INTERSECTION OF MISSION GROVE PARKWAY NORTH WITH COTTONWOOD AVE. ELEVATION =1637.903

HENRY J. MILLS FILTRATION PLANT

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

Kamyar Motamedi — PROJECT ENGINEER FOR M.W.D

48466 — R.C.E. #

REGISTERED PROFESSIONAL ENGINEER KAMYAR MOTAMEDI No. C48466 EXP. 6/30/95 CIVIL STATE OF CALIFORNIA

CITY OF RIVERSIDE / WATER SYSTEM

Richard J. Dudek — Approved By: — 2-25-93 Date

REV.	DATE	PRJ E ARCH.	KLC	CIVIL	MBS	STRUCT.	KLC	MECH.	OLM	ELECT.	MSC	I & C	LAY	SPECS.	JLS	CONST.	EAA
0	1-1493	R.A.S.															

REV.	REVISION	DATE	DWN.	CHK.	REC.	APP.

MWD — METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (213) 250-6000
1111 SUNSET BOULEVARD LOS ANGELES, CA 90012

DESIGNED M.M.L. — DRAWN N.N. — CHECKED M.L.
RECOMMENDED M.B.S. — DATE FEBRUARY 1993 — APPROVED

DISTRIBUTION SYSTEM
HENRY J. MILLS FILTRATION PLANT
EXPANSION No. 2
SITE-CIVIL
MISSION GROVE PARKWAY NORTH
PAVING PLAN — SHEET 2

SHEET C-61
SPECIFICATIONS 1238
WORK ORDER 4-6862
DWG. B-76488
REV.

MARK	REVISIONS	APPR.	DATE
△	RIGHT-OF-WAY VARIES - D13548	JWL	5-1937

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	3/31/93	
PARK DEPARTMENT	4/2/93	
TRAFFIC DIVISION	3/25/93	
CHIEF P.W. ENGINEER	4/1/93	
	4/13/93	

APPROVED BY — PUBLIC WORKS DIRECTOR — DATE 4/5/93

STREET PLAN AND PROFILE
MISSION GROVE PARKWAY NORTH
EAST SIDE FROM PORT ROYAL TO COTTONWOOD

HORIZ. SCALE: 1" = 40' — VERT. SCALE: 1" = 4'

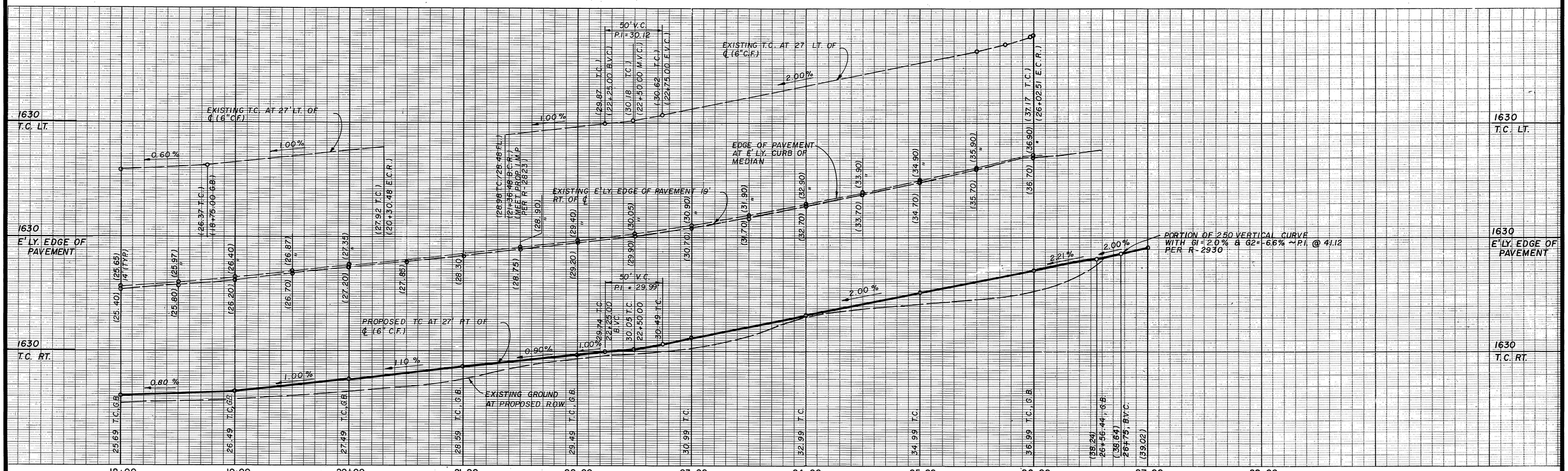
ACCOUNT NO. R-3318

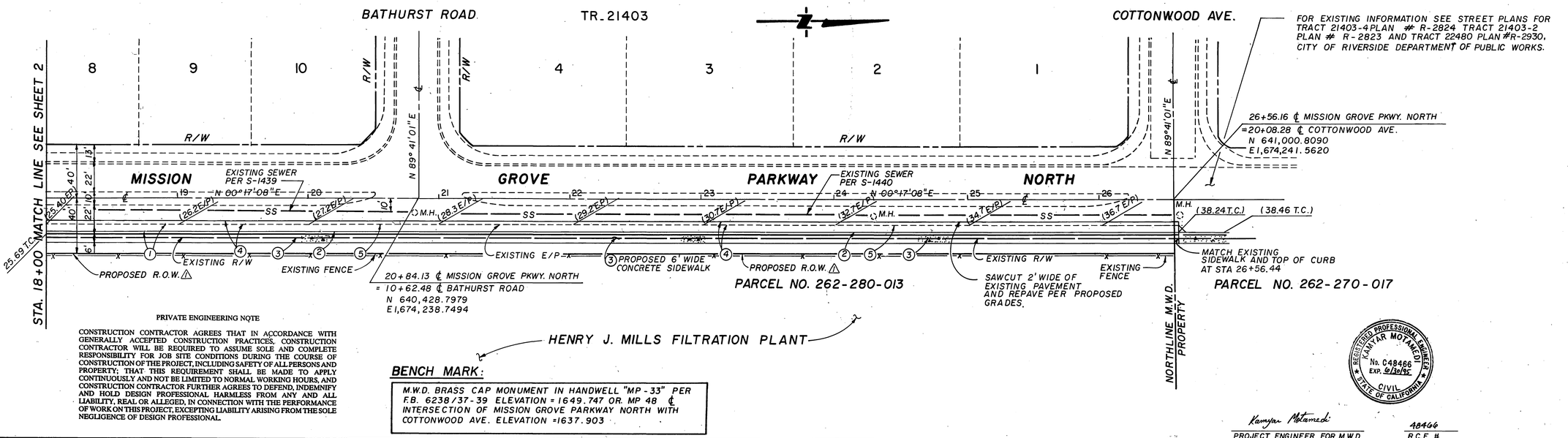
SHEET 2 OF 3

FILED

4-8-93 GH

PC-34005





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HENRY J. MILLS FILTRATION PLANT

BENCH MARK:

M.W.D. BRASS CAP MONUMENT IN HANDWELL "MP-33" PER F.B. 6238/37-39 ELEVATION = 1649.747 OR. MP 48 ℄ INTERSECTION OF MISSION GROVE PARKWAY NORTH WITH COTTONWOOD AVE. ELEVATION = 1637.903

REGISTERED PROFESSIONAL ENGINEER KAMYAR MOTAMEDI No. C48466 EXP. 6/30/95 CIVIL STATE OF CALIFORNIA

Kamyar Motamedi
PROJECT ENGINEER FOR M.W.D.

48466
R.C.E. #

REV.	DATE	PRJ. E	ARCH.	CIVIL	STRUCT.	MECH.	ELECT.	I.& C.	SPECS.	CONST.
0	1-1493	RCS	KLC	MBS	KLC	DLM	MSC	LAY	JLS	EAA

REV.	REVISION	DATE	DWN.	CHK.	REC.	APP

MWD
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
1111 SUNSET BOULEVARD
LOS ANGELES, CA 90012
(213) 250-6000

DESIGNED M.M.L.
DRAWN N.N.
CHECKED M.L.
RECOMMENDED H35 DATE FEBRUARY 1993
APPROVED

DISTRIBUTION SYSTEM
HENRY J. MILLS FILTRATION PLANT
EXPANSION No. 2
SITE-CIVIL
MISSION GROVE PARKWAY NORTH
PAVING PLAN — SHEET 3

SHEET C-62
SPECIFICATIONS 1238
WORK ORDER 4-6862
DWG. B-76489 REV.

MARK	REVISIONS	APPR.	DATE
⚠	RIGHT-OF-WAY VARIES - D13548	JWL	5-19-97

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	3/31/93	
PARK DEPARTMENT	4-27-93	
TRAFFIC DIVISION	3/25/93	
CHIEF P. W. ENGINEER	4/2/93	
	4/1/93	

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 4/5/93

STREET PLAN AND PROFILE
MISSION GROVE PARKWAY NORTH
EAST SIDE FROM PORT ROYAL TO COTTONWOOD

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. R-3318
SHEET 3 OF 3

FEED

INDEX 4-28-93 GH

R-3405