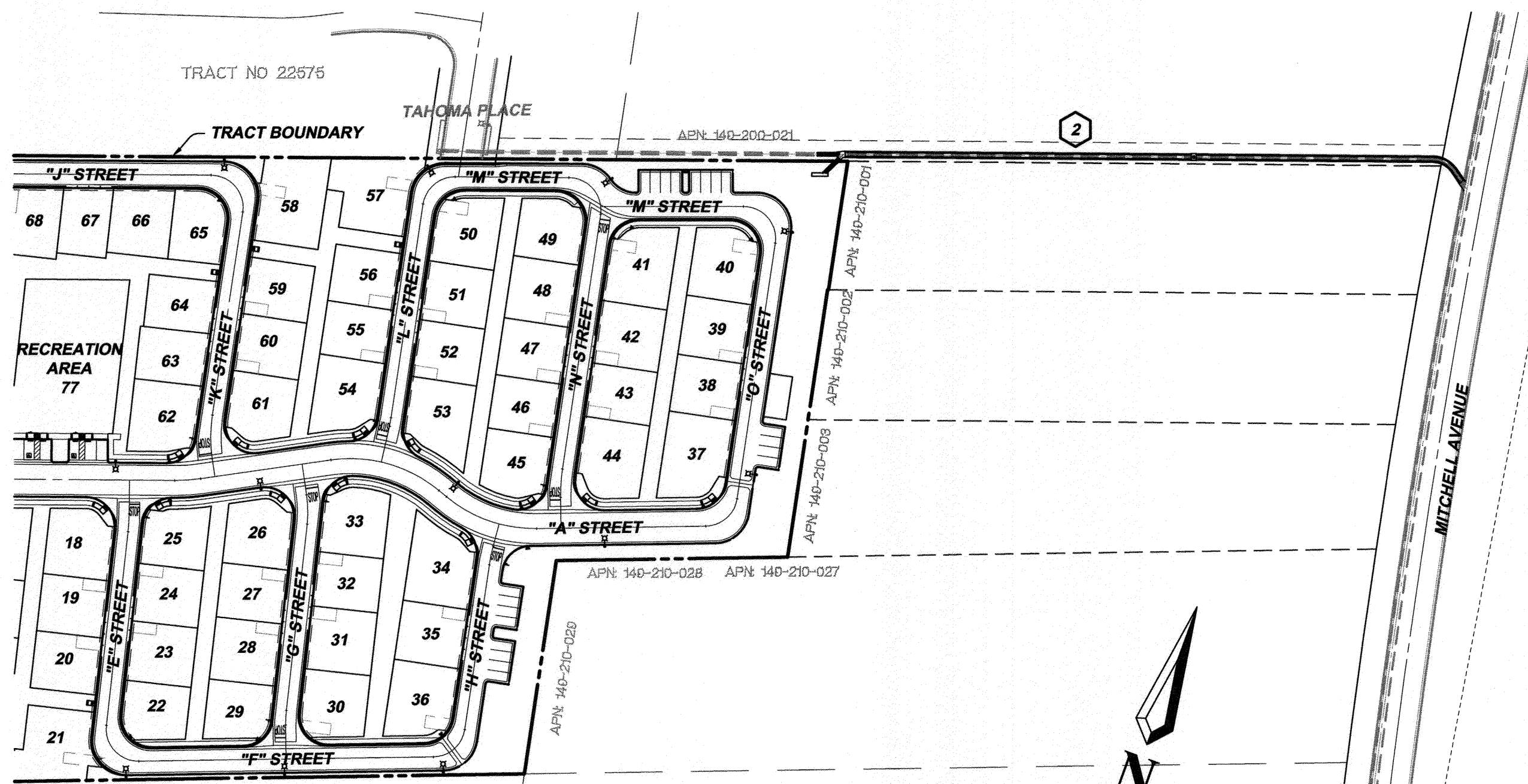


A map of the project location area. The map shows a grid of streets. The streets labeled are: ARLINGTON AVE, LA SIERRA AVE, CYPRESS AVE, MITCHELL AVE, NORWOOD AVE, JONES AVE, TYLER ST, CAMPBELL AVE, GRAMERCY PL, BUSSNELL AVE, and WELL AVE. A black arrow points to a shaded rectangular area at the intersection of Mitchell Ave and Cypress Ave. To the left of the map is a north arrow pointing upwards, with the letter 'N' below it.

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR ANY EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. 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.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREIN. 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.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
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. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-227-2600, 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 USA.
9. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF ALL NEW SEWER AND STORM DRAIN FACILITIES TO BE PUBLICLY OWNED AND MAINTAINED PRIOR TO FINAL ACCEPTANCE OF THE WORK. THE VIDEO INSPECTION MUST BE PERFORMED IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. A RECORDING OF THE VIDEO INSPECTION MUST BE SUBMITTED TO THE CITY FOR REVIEW AND ACCEPTANCE.



2 INDICATES SHEET NUMBER

SHEET 1	TITLE SHEET
SHEET 2	PLAN AND PROFILE

IT IS THE CONTRACTOR / BIDDER'S RESPONSIBILITY TO REVIEW THESE PLANS AND PREPARE THEIR OWN TAKE - OFFS TO VERIFY ALL QUANTITIES INCLUDING ALL EARTHWORK QUANTITIES (RAW & REMEDIAL) TO COMPLETE ALL GRADING AND IMPROVEMENTS SHOWN ON THESE PLANS. THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES. IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.

1	CONST. MANHOLE AX PER CITY OF RIVERSIDE STD. DWG. NO. 430	1	EA.
3	CONST. MANHOLE JM PER CITY OF RIVERSIDE STD. DWG. NO. 432	1	EA.
4	CONST. JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG. NO. 421	1	EA.
5	CONST. CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424	1	EA.
6	CONST. WATER QUALITY BASIN INLET STRUCTURE PER DETAIL ON SHEET 2	1	EA.
10	INST. 24" R.C.P. (SEE PROFILE FOR D-LOAD)	16	L.F.
11	INST. 30" R.C.P. (SEE PROFILE FOR D-LOAD)	18	L.F.
12	INST. 48" R.C.P. (SEE PROFILE FOR D-LOAD)	540	L.F.

< PT	ANGLE POINT	N.T.S.	NOT TO SCALE
AVE.	AVENUE	O.C.	ON CURB
B.C.	BEGIN CURVE	P.I.	POINT OF INTERSECTION
B.V.C.	BEGIN VERTICAL CURVE	P.L.	PROPERTY LINE
C.B.	CATCH BASIN	P.C.C.	POINT OF COMPOUND CURVE
CL.	CENTERLINE	P.R.C.	POINT OF REVERSE CURVE
DWY.	DRIVE WAY	P.R.V.C.	POINT OF REVERSE VERTICAL CURVE
E.C.	END CURVE	R=	RATE OF GRADE
E.V.C.	END VERTICAL CURVE	S=	SLOPE
F.L.	FLOWLINE ELEV.	ST. LT.	STREET LIGHT
G.B.	GRADE BREAK	T.C.	TOP OF CURB
INT.	INTERSECTION	TYP.	TYPICAL
M.O.C.	MIDDLE OF CURVE	V.C.	VERTICAL CURVE

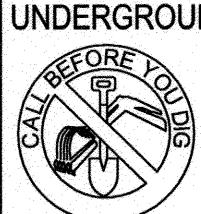
CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, 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.

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT UTILITIES SHOWN AND ANY OTHER UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

G2-M3 ELEV. = 779.743 (1971 ADJ.) NGVD 1929 DATUM
PK NAIL & CITY ENGINEER TAG IN THE TOP OF THE
EASTERLY CURB OF LA SIERRA AVE., APPROX. 40'
NORTHERLY OF CENTERLINE OF PALM TERRACE LANE.

THE BASIS OF BEARINGS HEREON IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 6, NORTH AMERICAN DATUM 1983, AS DETERMINED LOCALLY BY THE LINE BETWEEN CORS STATIONS "CNPP" AND "MLFP" BEING N76°36'24"E, 91,032.89'



**Call: Toll FREE
1-800-227-2600
TWO WORKING DAYS
BEFORE YOU DIG**

"CAUTION": Remember that the USA Center notifies only those utilities belonging to the center. There could be other utilities present at the work site. The center will inform you of whom they will notify.




MAYERS & ASSOCIATES
CIVIL ENGINEERING, Inc.
PLANNING • ENGINEERING • SURVEYING
19 Spectrum Pointe Drive • Suite 609 Lake Forest, CA 92630
(949) 599-0870 • (949) 599-0880 Fax • www.mayerscivil.com

DRU J. MAYERS
R.C.E. No. 38474 Exp. 3/31/15
DATE 12/29/14



MARK	REVISIONS	APPR.	DATE
DESIGNED BY <u>M.B.M.</u> DRAWN BY <u>M.B.M.</u> CHECKED BY <u>D.J.M.</u>			

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>W. B.</i>	1/22/15	
CAPITAL PROJECTS	<i>W. B.</i>	1/22/15	
TRAFFIC ENGINEERING	<i>W. B.</i>	1/22/15	
			CITY ENGINEER / PW DIRECTOR
			DATE 1/23/2015

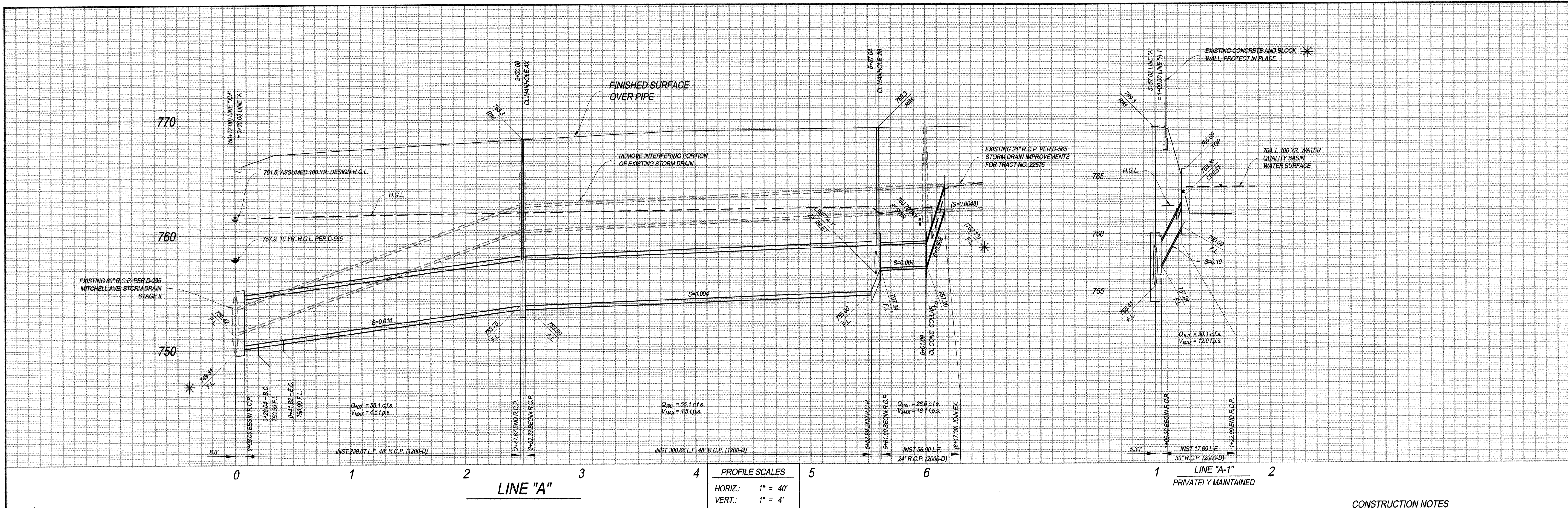
TRACT 34794
TITLE SHEET

HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

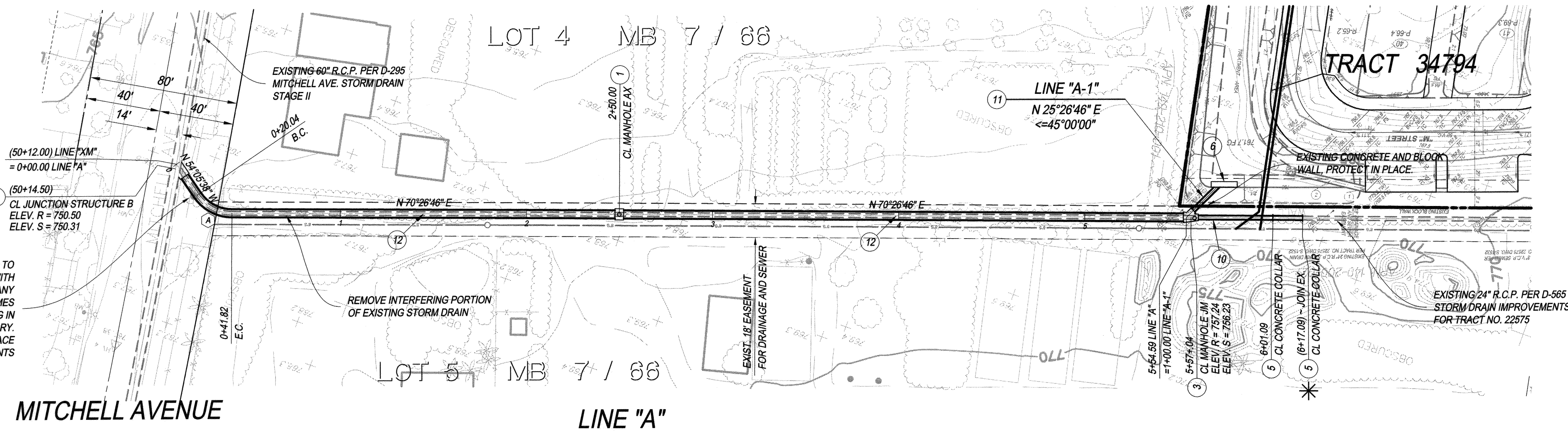
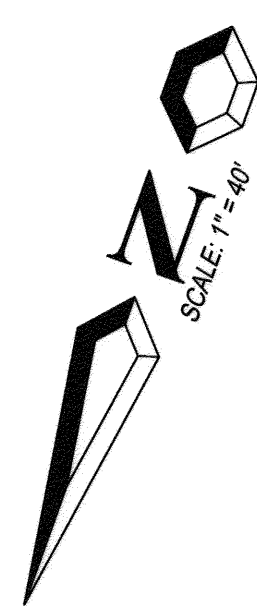
ACCT. NO. 9205300611 453002X>

D-879

SHEET 1 OF 2



* CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION PRIOR TO START OF ANY CONSTRUCTION.



CONSTRUCTION NOTES

1. CONST. MANHOLE AX PER CITY OF RIVERSIDE STD. DWG. NO. 430
3. CONST. MANHOLE JM PER CITY OF RIVERSIDE STD. DWG. NO. 432
4. CONST. JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG. NO. 421
5. CONST. CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424
6. CONST. WATER QUALITY BASIN INLET STRUCTURE PER DETAIL HEREON
10. INST. 24" R.C.P. (SEE PROFILE FOR D-LOAD)
11. INST. 30" R.C.P. (SEE PROFILE FOR D-LOAD)
12. INST. 48" R.C.P. (SEE PROFILE FOR D-LOAD)

EXISTING POWER POLE. CONTRACTOR TO VERIFY LOCATION AND COORDINATE WITH ELECTRICAL UTILITY PRIOR TO START OF ANY CONSTRUCTION ACTIVITIES AND ASSUMES SOLE RESPONSIBILITY FOR PROTECTING IN PLACE OR RELOCATING AS NECESSARY. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ALL OTHER EXISTING IMPROVEMENTS

DATA TABLE

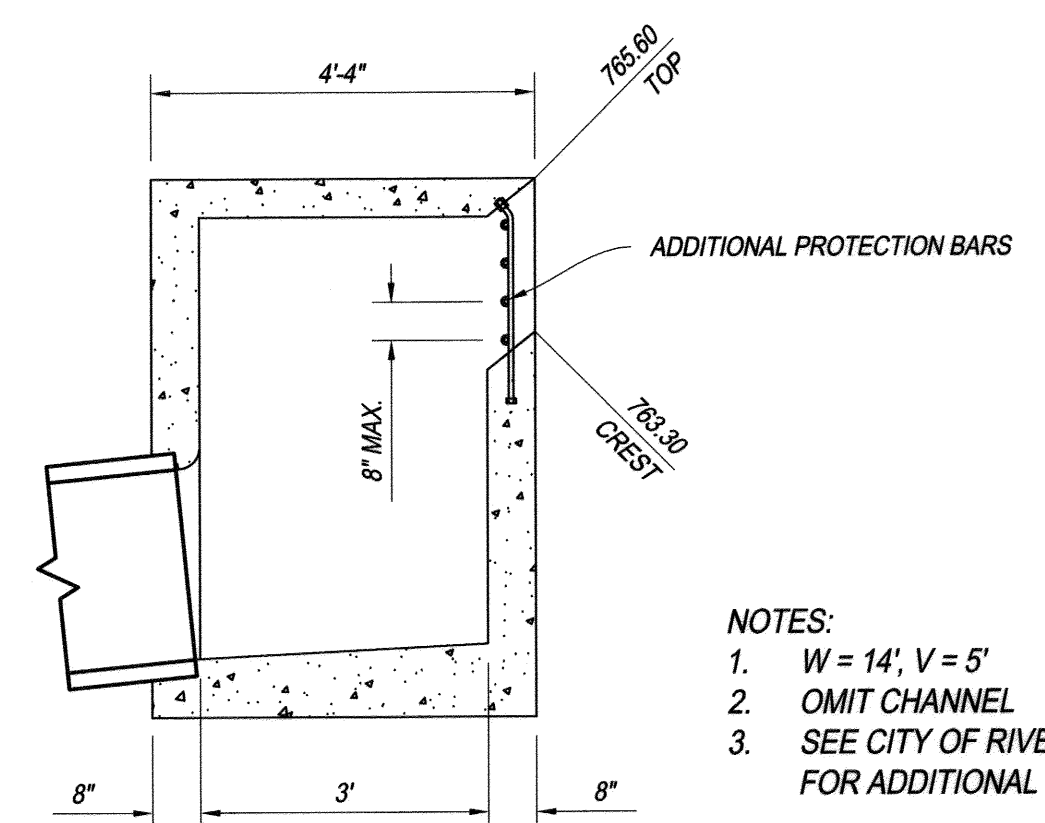
	BEARING/DELTA	RADIUS	LENGTH	TANGENT
4	55°27'36"	22.50	21.78	11.83

JS TABLE

A	45"
B	48"
C	8.0'
D	4'-0"
E	7.1'
L	7.75'

MANHOLE JM TABLE

A	45"
B	30"
C	6.6'
D1	24"
D2	48"
E	6.2'
L	7.2'



NOTES:

1. W = 14', V = 5'
2. OMIT CHANNEL
3. SEE CITY OF RIVERSIDE STD. DWG. NO. 405 FOR ADDITIONAL NOTES AND DETAILS.

RIVERSIDE PUBLIC UTILITIES
WATER DIVISION

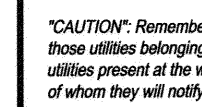
APPROVED
DATE

BENCH MARK:
 G2-M3 ELEV. = 779.743 (1971 ADJ.) NGVD 1929 DATUM
 PK NAIL & CITY ENGINEER TAG IN THE TOP OF THE
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CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
ENGINEERING MANAGER
CAPITAL PROJECTS
TRAFFIC ENGINEERING
BY
DATE
DATE
APPROVED BY
CITY ENGINEER / PW DIRECTOR
DATE

STORM DRAIN IMPROVEMENT PLANS

TRACT 34794
LINE "A"

HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

PW14-0439

ACCT. NO. 9205300611 453002XX

D-879

SHEET 2 OF 2