

P:\COA05-060_LA_CUEVA_Channel\LOMR\RichCourt\DrainageScheme.dwg waters Plotted: March 20, 2012 - 7:49am Layout: SHEET A



STORMWATER DRAINAGE SYSTEM
RICH COURT SUBDIVISION
AND ADJACENT PROPERTIES

NTS

REVISIONS

NO.	KEY	DATE	DESCRIPTION

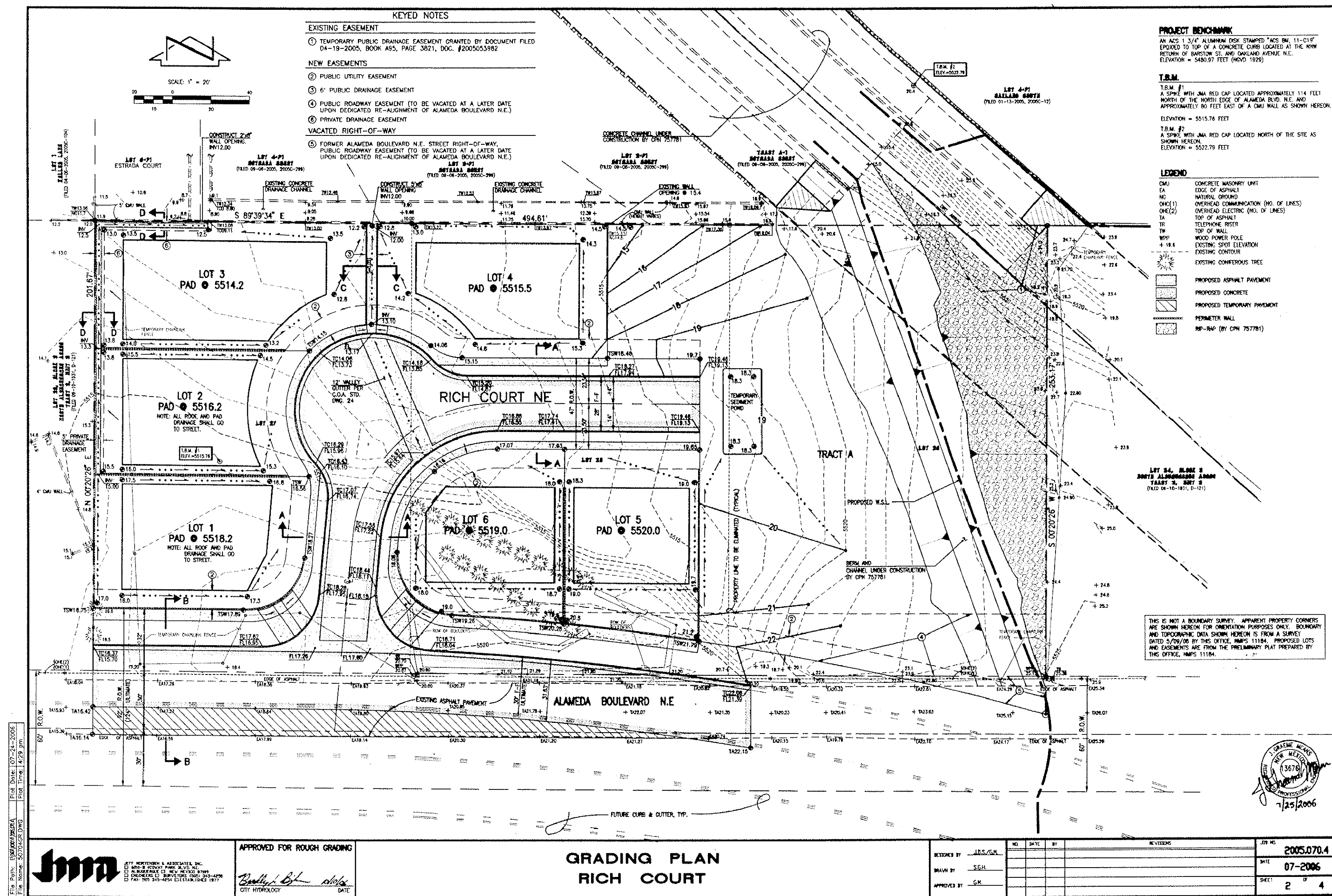
DESIGNED BY: EVD
DRAWN BY: RW
REVIEWED BY: EVD
DATE: MARCH 2012

BENCH MARK

ZONE MAP NO.

LA CUEVA CHANNEL LOMR

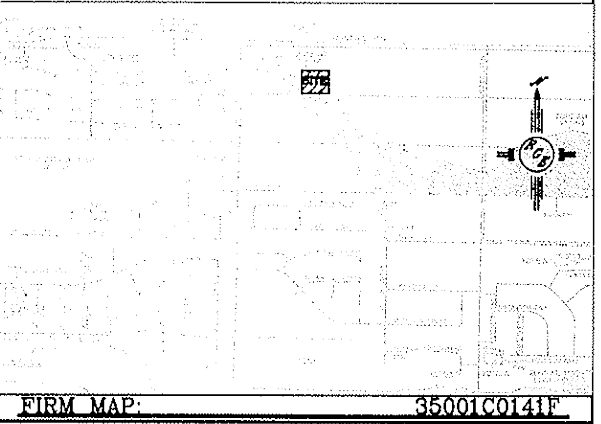
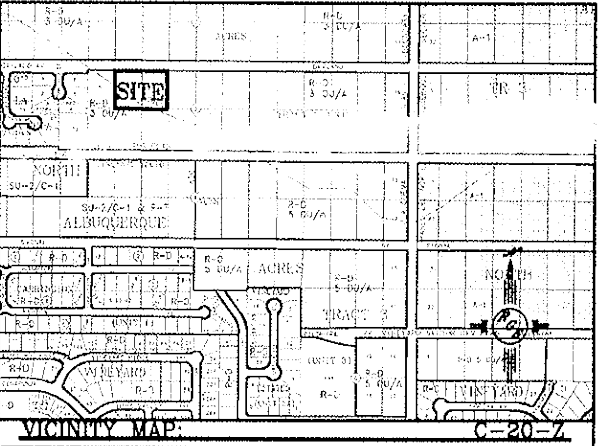
PROJECT NO.	14580
SHEET	A
TOTAL	



SCANNED BY
PLANNING

LEGEND

- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- PROPOSED PERIMETER WALL
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- SETBACK LINE



LEGAL DESCRIPTION:

LOT 6,7, NORTH ALBUQUERQUE ACRES BLK 3

NOTES:

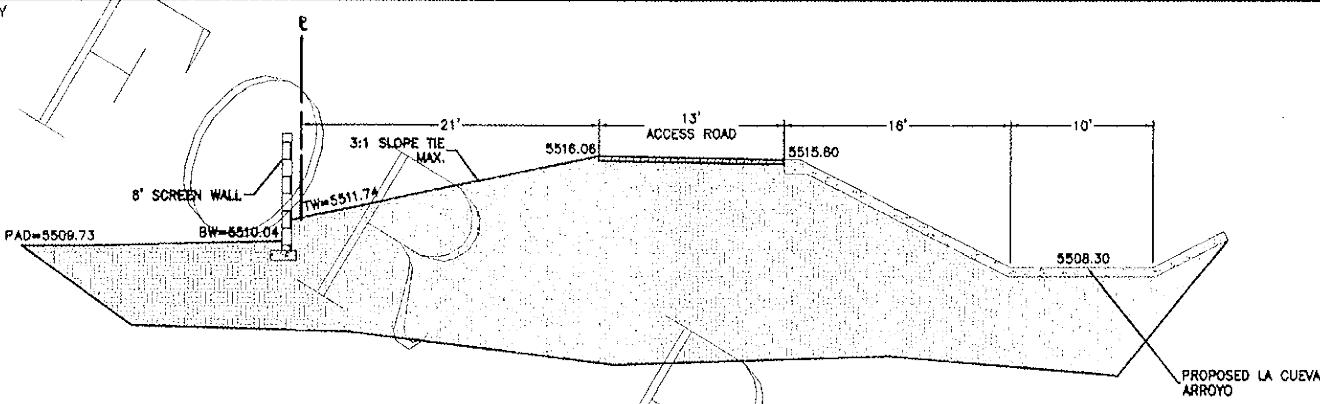
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO BE STANDARD PER COA STD DWG #2415A UNLESS OTHERWISE NOTED.
3. ALL DRIVEPADS SHALL BE BUILT WHERE SHOWN.
4. ALL CURB AND GUTTER TO BE STANDARD UNLESS OTHERWISE NOTED.

EROSION CONTROL NOTES:

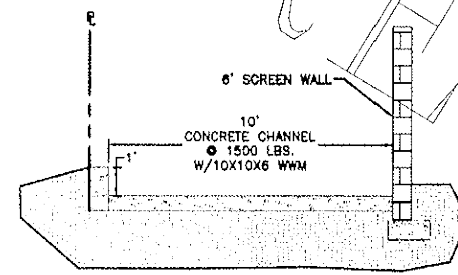
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

ROUGH GRADING APPROVAL

ENGINEER'S SEAL	ESTRADA COURT	DRAWN BY WCHU
DAVID SOULE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER	GRADING AND DRAINAGE PLAN	DATE 6-29-05
	Rio Grande Engineering 1800 CENTRAL AVENUE SE SUITE 301 ALBUQUERQUE, NM 87106 (505) 874-0000	SHEET # 3 OF 7
DAVID SOULE P.E. #14522		JOB # 2435



SECTION A-A



SECTION B-B

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

1~1.5" ASPHALT CONCRETE, 1500 LBS. STABILITY, TYPE C GRADATION.

1~1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLES, VALVES, COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY TYPE C GRADATION.

FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACE IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION IS COMPLETED.

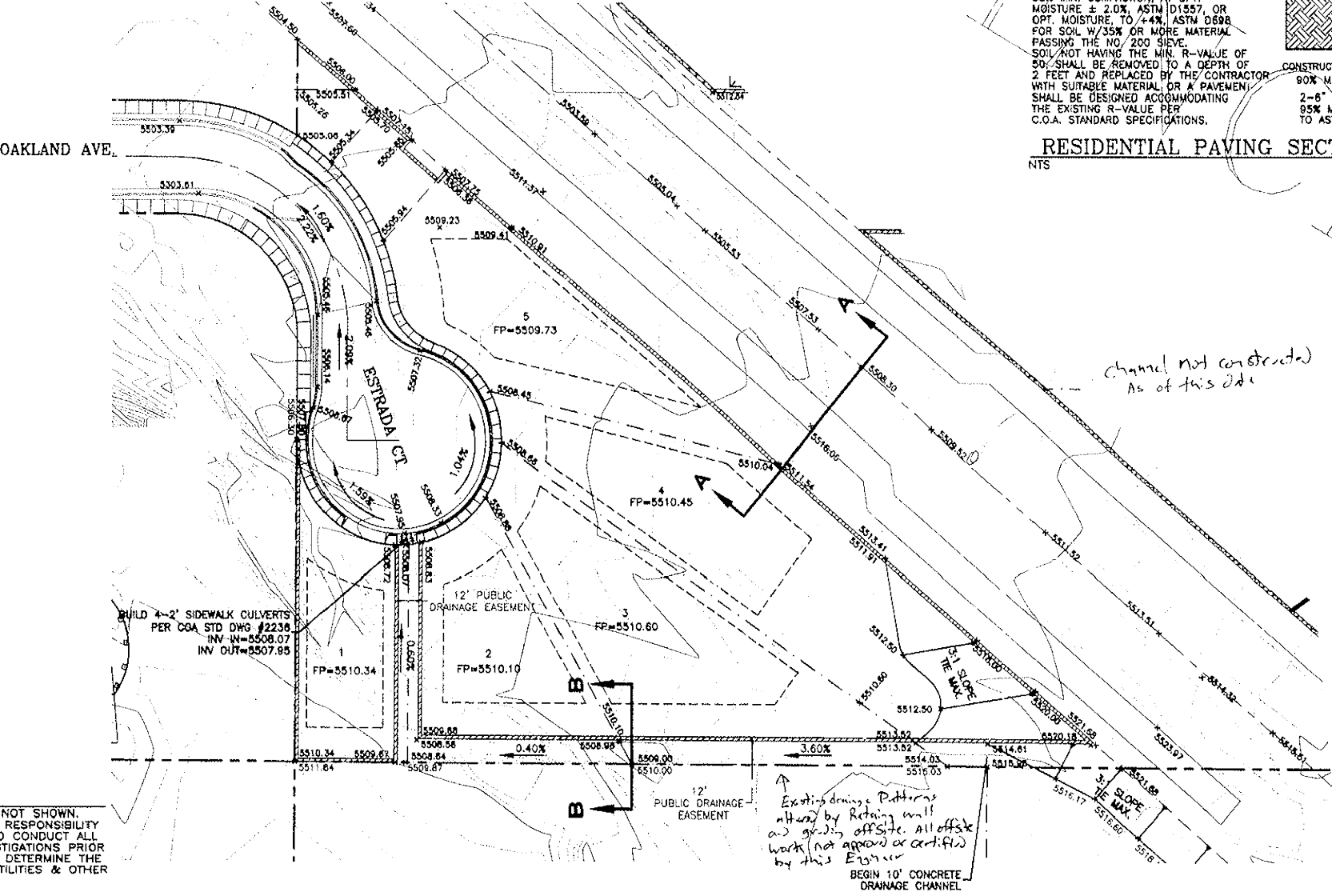
1' SUBGRADE/SOIL, R-VALUE > 50. PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE ± 2.0%, ASTM D1557, OR OPT. MOISTURE, TO +4%, ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL, OR A PAVEMENT SHALL BE DESIGNED ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

CONSTRUCTION JOINT 90% MIN. COMPACTION. 2-6" LIFTS, SUBGRADE SOIL 95% MIN. COMPACTION TO ASTM D1557.

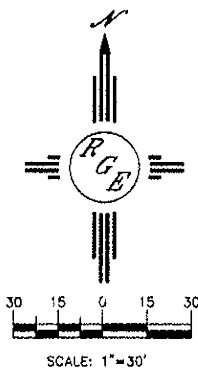
COMPACTED SUBGRADE TO 95% ASTM D1557.

RESIDENTIAL PAVING SECTION (STANDARD CURB)

NTS

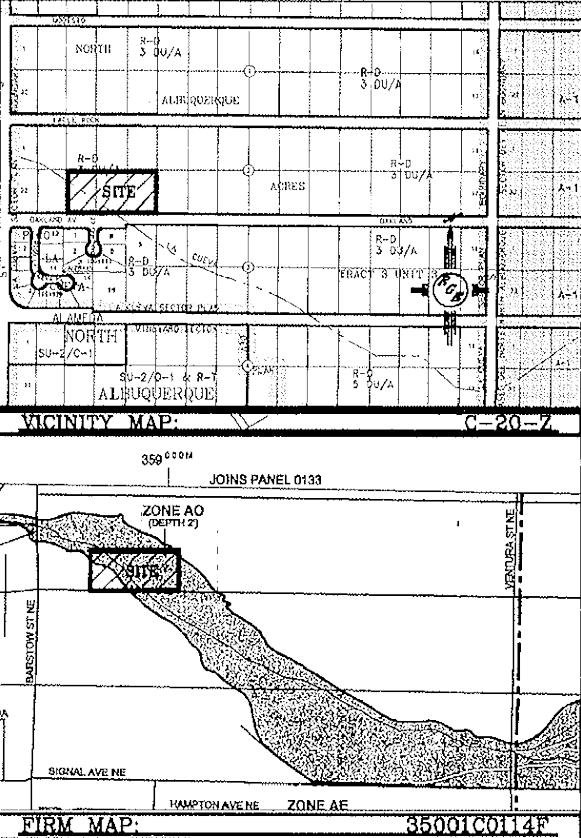


CAUTION:
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



SCANNED BY
PLANNING

- EROSION CONTROL NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
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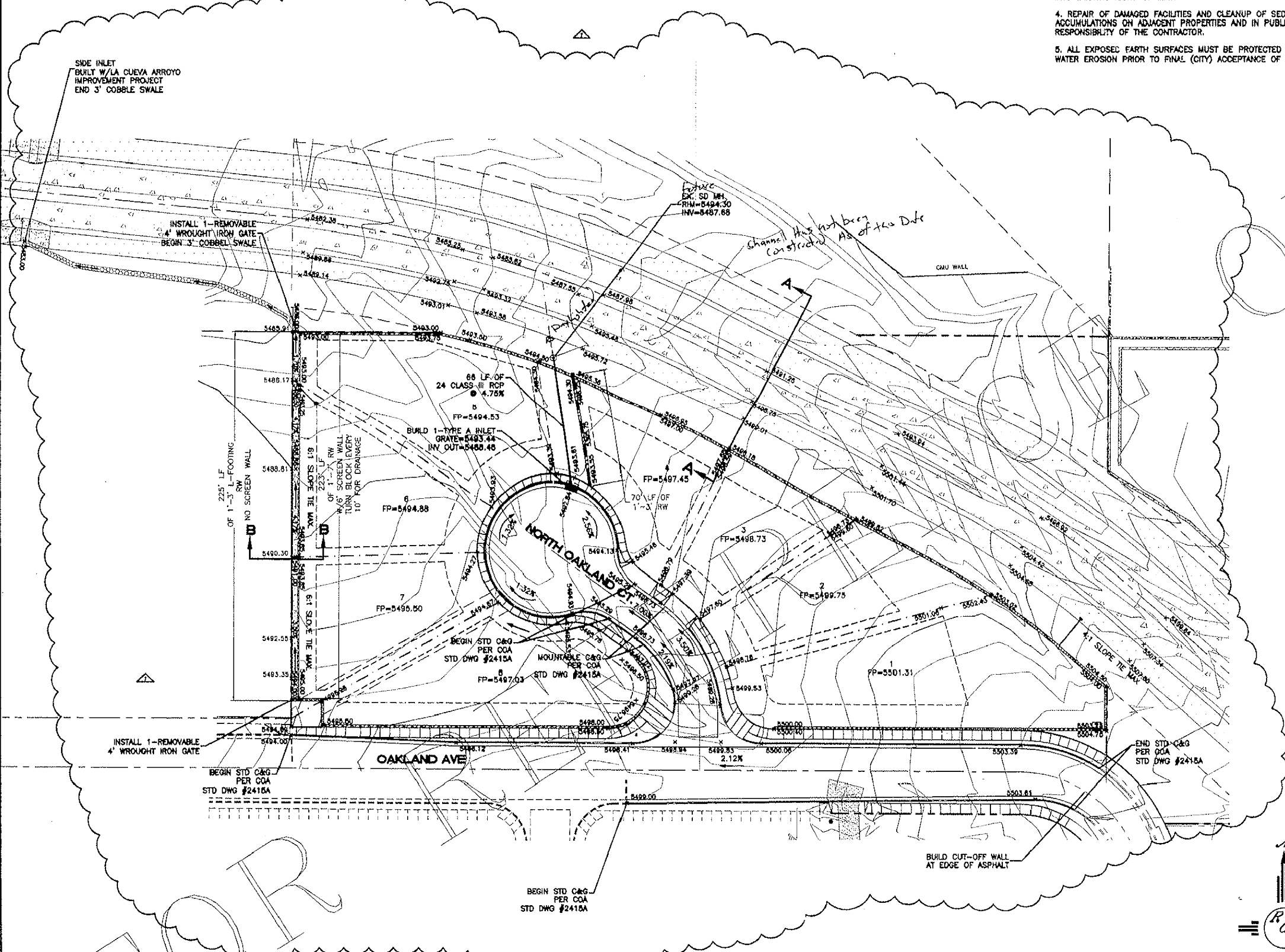


LEGAL DESCRIPTION:
LOT 28.29.30, BLK 2, NORTH ALBUQUERQUE ACRES, UNIT 3

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO BE STANDARD PER COA STD DWG #2415A UNLESS OTHERWISE NOTED.

- LEGEND**
- 18" RCP PROPOSED STORM SEWER LINE
 - EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - PROPOSED SIDEWALK
 - PROPOSED PERIMETER WALL
 - PROPOSED RETAINING WALL
 - EXISTING CONTOUR
 - EXISTING INDEX CONTOUR
 - FLOW ARROW
 - SLOPE TIE
 - PROPOSED SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - CENTERLINE
 - RIGHT-OF-WAY
 - LOT LINES
 - SETBACK LINE
 - PROPOSED TEMPORARY POND



CAUTION:
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10-05-03	PAVE AND DRAINAGE APPROVED AT OWNERS REQUEST TO EXAMINE 180-140 RETAINING WALL AND MOVE TO BACK OF LOT 10/3 CONCRETE CHANDEL	HOW
NO.	DATE	REVISIONS
		BY

ROUGH GRADING APPROVAL DATE: _____

OAKLAND NORTH SUBDIVISION

GRADING AND DRAINAGE PLAN

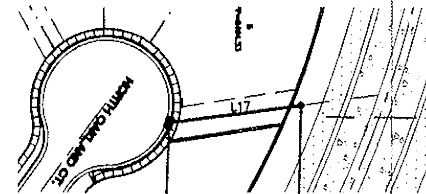
Rio Grande Engineering

1800 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87107
(505) 872-0808

DAVID SOULE
P.E. #14522

DRAWN BY: HOW
DATE: 10-05-05
SHEET # 3 OF 10
JOB # 2440

10+00 11+00



STA: 10+79.87
OFFSET: 0.00
TIE TO 500 SO MH
BUILT W/COA PROJECT 1787781
INV IN 5497.50 57.44
EX INV 5458.48
Chemical MPA (not considered)
Pipe Daylight

LINE TABLE		
LINE	LENGTH	BEARING
112	79.97	N07°54'47"

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES		ACS CONTROL STATION "1-B20"	NEW MEXICO COORDINATE SYSTEM CENTRAL ZONE	SURVEINANCE	
	BY	DATE			DATE	DATE
					AMS	DATE 9/26
				Y=1,524,082.46	AMS	DATE 9/26
				DELTA ANGLE=00710 23"		
				ELEV=5474.510-NGVD 1929	AMS	DATE 9/26
				G-G FACTOR=-0.99964740		



SCALE: HORIZ. 1"=50'
VERT. 1"=5'



STORM DRAIN
STA: 10+00.00 TO STA: 10+80.33
*ALL STATIONING BASED UPON PROPOSED STORM DRAIN

10+00 11+00

Records Management



Rio Grande Engineering
1808 CEDAR AVENUE SE
SUITE 207
ALBUQUERQUE, NM 87102

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **NORTH OAKLAND SUBDIVISION**
STORM DRAIN IMPROVEMENTS
NORTH OAKLAND COURT TO LA CUEVA CHANNEL

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	714683	ZONE MAP NO.	C-20-Z	SHEET	OF	10	10
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