

CONSTRUCTION PLANS
FOR
LOWE'S OF
NW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO
PUBLIC
INFRASTRUCTURE IMPROVEMENTS

SCANNED BY
MESA REPRO

INDEX

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10	WATER PLAN
11	SANITARY SEWER PLAN
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13	ALAMEDA ROAD PAVING AND UTILITY PLAN & PROFILE

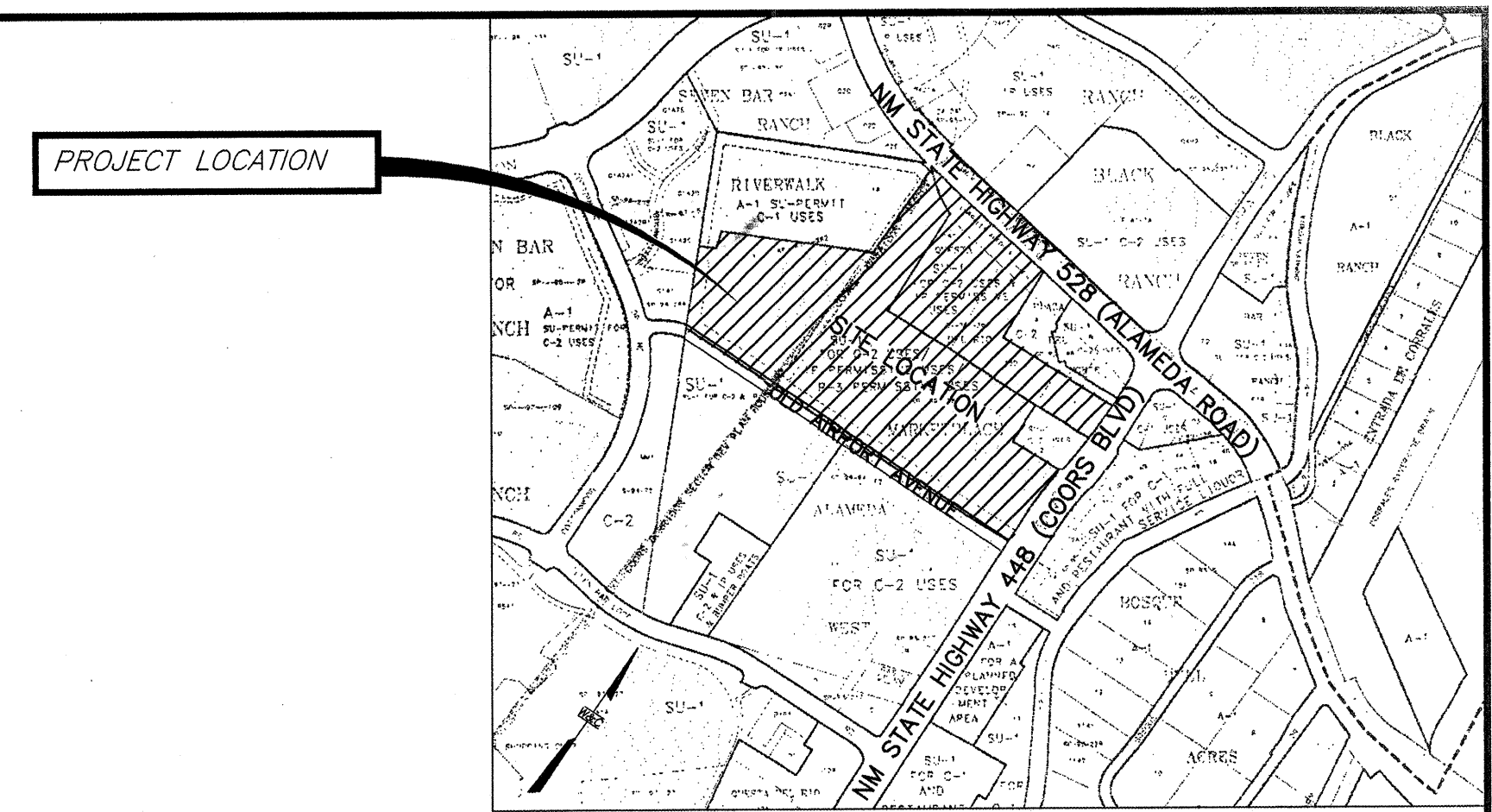
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE: 2/17/03

SHEET NO.	DESCRIPTION
14	COORS BOULEVARD STATION 13+50.00 TO 18+74.58 ALAMEDA ROAD STATION 13+00 TO 14+64.13 PAVING AND UTILITY PLAN & PROFILE
15	TRAFFIC SIGNAL PLAN ALAMEDA ROAD & COORS BOULEVARD
16	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
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18	COORS BOULEVARD SIGNING AND STRIPING PLAN
19	ALAMEDA ROAD SIGNING AND STRIPING PLAN

BRIGITTE STAGNER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
2-17-03

CERTIFICATE OF SUBSTANTIAL COMPLIANCE OF PLANS
I, Brigitte Fuller-Stagner of the firm Wilson & Company, Inc., a
Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of
my knowledge and belief, that the infrastructure installed as part of this project has been
inspected by me or by a qualified person under my direct supervision and has been constructed
in accordance with the plans and specifications approved by the City Engineer and that the
original design intent of the approved plans has been met, except as noted by me on the asbuilt
construction drawings. This Certification is based on site inspections by me or personnel under
my direction and survey information provided by Christopher S. Croshaw
NMPS number 14733

DRB NO. 1001275
WCEA FILE NO. X0218022



VICINITY MAP
ZONE ATLAS MAP NO. A-14-Z & B-14-Z

LEGEND

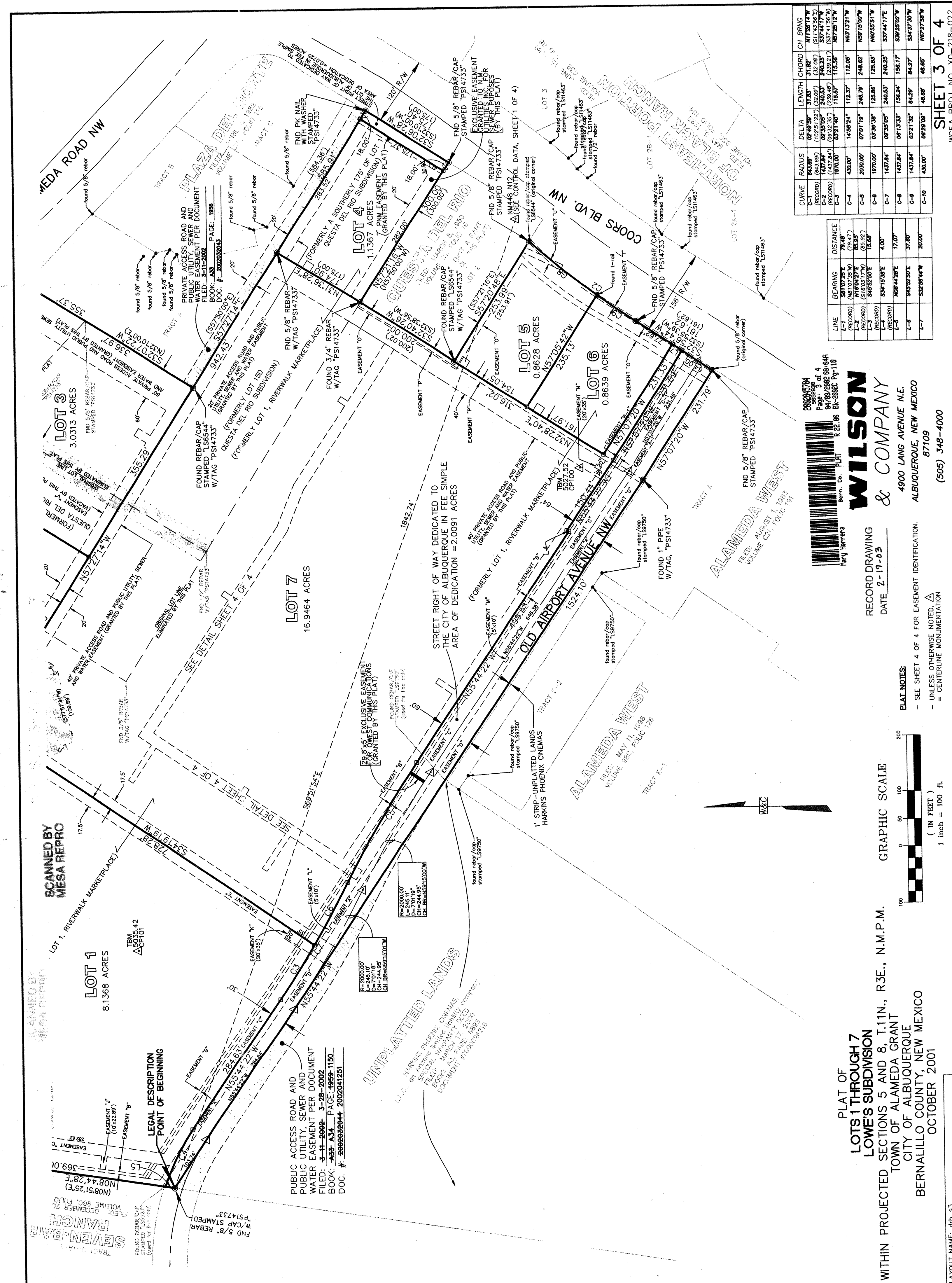
EXISTING	PROPOSED
INTERMEDIATE CONTOUR	LOWE'S PROPERTY LINE
INDEX CONTOUR	ADJACENT PROPERTY LINE
EASEMENT	RIGHT OF WAY LINE
SAS	EASEMENT
SD	SANITARY SEWER
WL	WATER LINE
GAS	STORM DRAIN
UGTV	FIRE HYDRANT W/VALVE
TEL	WATER VALVE
FO	WATER METER
E	CLEAN OUT
FH	MANHOLE
WM	10" SD DOWNSPOUT
CO	12" LOADING DOCK DRAIN
MANHOLE	INTERMEDIATE CONTOUR
SAS MANHOLE	INDEX CONTOUR
SD M H	FOC
TRANSFORMER	EOP
ELECTRIC BOX	SIDEWALK
TELEPHONE MH	CENTER LINE
LIGHT POLE	HANDICAP RAMP
PAVEMENT REMOVAL	PRIMARY BENCH MARK
CURB & GUTTER	
CENTER LINE	

WILSON & COMPANY
2600 THE AMERICAN ROAD SE, SUITE 100
RIO RANCHO, NEW MEXICO 87124
(505) 898-8021

1 2 3 4 5 6 7 8 9 10 11 12 13 14
26 6766 81 04

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	APPROVED FOR CONSTRUCTION		
DRC Chairman	Transportation	Water/Wastewater	Hydrology	Parks	Constr. Coord.	NMSHTD	NMUI
City Project No.	676681	Sheet	1	Of	19		

RECORD DRAWING
DATE 2-17-03



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Page 3 of 4
P# 782 2802 85 644
R2-86 81-2882 Pg-118

Bar. Co. LIT

WILSON
& COMPANY

4900 LANG AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

RECORD DRAWING
DATE 2-17-63

EASEMENT IDENTIFICATION.
ED.
TATION

PLAT NOTES:

- SEE SHEET
- UNLESS OTHERWISE NOTED
- = CENTERLINE

(IN FEET)

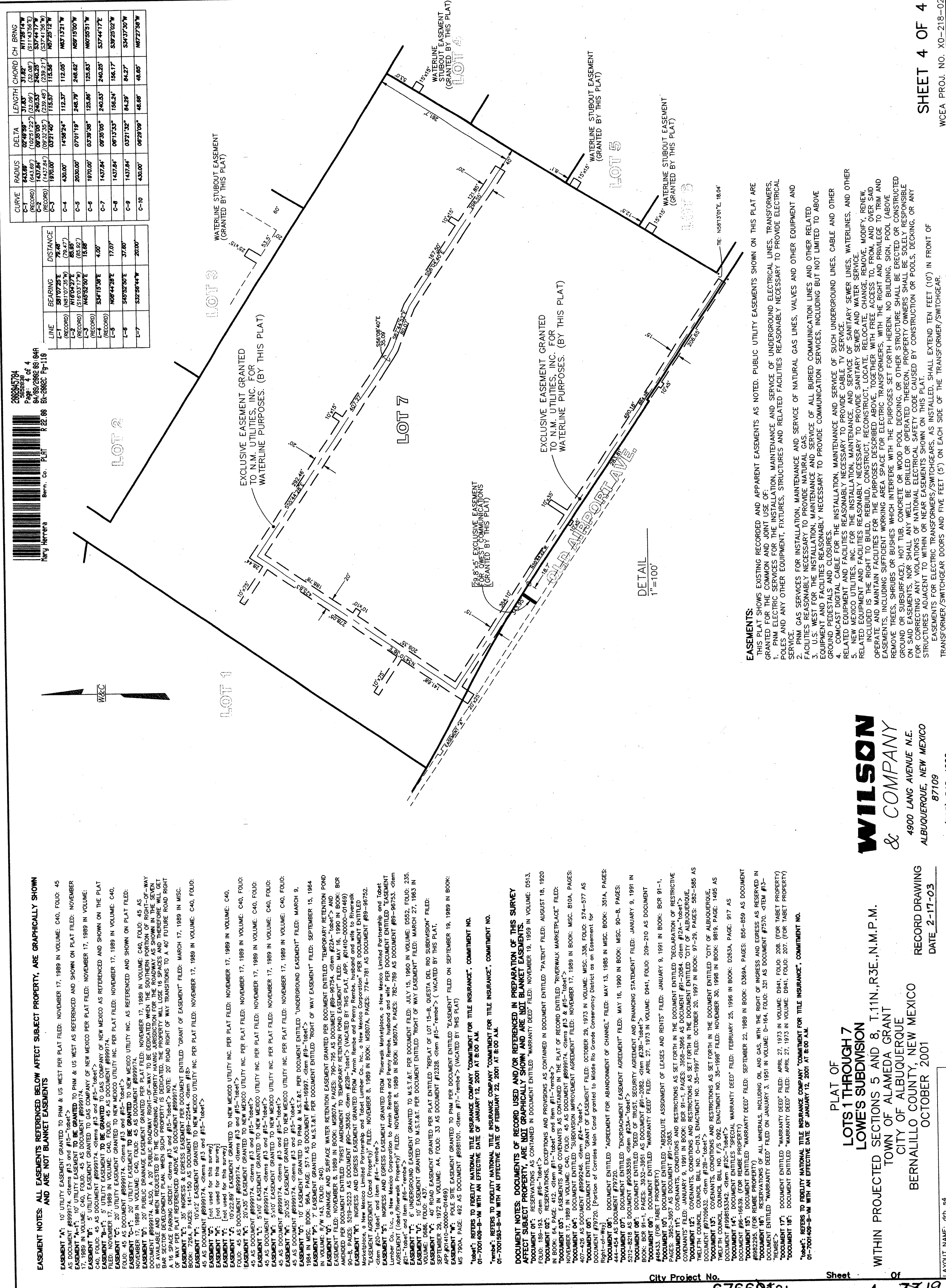
1 inch = 100 ft.

0 50 100 200

GRAPHIC SCALE
(IN FEET)
1 inch = 100 ft.

PLAT OF
LOTS 1 THROUGH 7
LOWE'S SUBDIVISION
 WITHIN PROJECTED SECTIONS 5 AND 8, T.11N., R.
 TOWN OF ALAMEDA GRANT
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 OCTOBER 2001

LAYOUT NAME: drb_s3
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WILSON
& COMPANY

RECORD DRAWING
DATE 2-17-03

PLAT OF
LOTS 1 THROUGH 7
LOWE'S SUBDIVISION
 WITHIN PROJECTED SECTIONS 5 AND 8, T.11N.,R.
 TOWN OF ALAMEDA GRANT
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 OCTOBER 2001

LAYOUT NAME: drb_s4
DRAWING NAME: SX0218022drbbase.dwg
NETWORK ADDRESS: t:\projects\X0218022\s\drb\....

SHEET 4 OF 4

SCANNED BY
MESA REPRO

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APPROVAL SIGNATURES	
TRAFFIC ENGINEER	DATE
<i>Bradley J. Brynham</i>	11/14/01
CITY ENGINEER	DATE
<i>Roger L. Sherr</i>	11-14-01
PUBLIC WORKS UTILITY DIVISION	DATE
<i>Alverno E. Chaulais</i>	11/14/01
PARKS AND RECREATION	DATE
CITY PLANNER PLANNING DIVISION	DATE
<i>Shirley Ann Bacc</i>	11-13-01
REFUSE DIVISION	DATE
FIRE MARSHALL	DATE
<i>P.C. Sanchez</i>	11-13-01

COVER SHEET
SITE PLAN FOR BUILDING PERMIT
LOWE'S OF
NW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO
CADD BY: M. VOGEL 02/02 DEDMAN PLS. INC. CHECKED BY: BMR

RECORD DRAWING
DATE 2-17-03

ct No. 676681

PAINTED WHITE ARROWS
24" CONCRETE CURB & GUTTER
PAINTED YELLOW "LOADING ONLY"
FILL ISLANDS W/4 CONCRETE W/6X6 10/10 W.W.F.
PAINTED WHITE "STOP" AND STOP BAR
SIGN MOUNTED ON COLUMN
HEAVY DUTY CONCRETE PAVEMENT
PAINTED YELLOW ARROWS
PAINTED 10' YELLOW SKIP
CANDY ABOVE
NO PARKING LOADING ZONE
SIGN MOUNTED ON COLUMN
9'-0" 8'-0" 56'-0" 10'

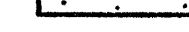
ENLARGED CUSTOMER LOADING CANOPY

SITE NOTES

1. ASPHALT PARKING LOT TO BE STRIPED WITH 4" WIDE PAINTED WHITE LINES AS INDICATED. CONCRETE PAVED AREAS TO BE PAINTED YELLOW. PAINT SHALL BE SHERWIN WILLIAMS "PROMAR TRAFFIC MARKING" OR ENTERPRISE LATEX TRAFFIC MARKING PAINT.
2. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL RADII SHALL BE 4' UNLESS OTHERWISE NOTED.
4. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOWE'S STANDARD SITE SPECIFICATIONS.

SITE DATA			
<u>Zoning:</u>		<u>Parking Requirements:</u>	
SU-1 for C-2 uses/ 1-P permissive uses/ R-3 permissive uses		Lowe's Parking Required: Standard 662 Handicapped 14	
<u>Acresage:</u>		Total Parking Required 676	
Total 36.34		Ratio = 5.0 (spaces/1000 sf)	
Developed 17.59		Local Parking Required 882	
		Standard 16	
		Handicapped 16	
<u>Main Building:</u>		Total Parking Required 898	
Sales Floor 121,591 SF.		Ratio = 5.0 (spaces/1000 sf)	
Office Area 6,486 SF.		Parking Provided:	
Receiving/Overstock 9,370 SF.		Standard 624	
Main Building Total 137,447 SF.		Handicapped 16	
		Total Parking Provided 640	
		Ratio = 3.56 (spaces/1000 sf)	
<u>Garden Center:</u>		Bicycle Parking Required 45	
Shade Structures 5,545 SF.		Ratio = 1 per 20 parking spaces	
Covered Area 11,413 SF.			
Open Area 25,266 SF.		Bicycle Parking Provided 46	
Garden Center Total 42,224 SF.			

LEGEND

- | | | | |
|---|---|---|---|
| --- | EXISTING PROPERTY |  | PROPOSED TEXTURED
COLORED CONCRETE
PAVEMENT PER LOWE'S SPEC |
| --- | LOWE'S PROPERTY |  | PROPOSED STANDARD
DUTY ASPHALT
PAVEMENT |
| --- | EXISTING EASEMENT |  | PROPOSED HEAVY
DUTY ASPHALT
PAVEMENT |
| --- | PROPOSED EASEMENT | | |
| --- | RIGHT OF WAY | | |
| --- | CURB & GUTTER | | |
|  | PROPOSED HEAVY
DUTY CONCRETE
PAVEMENT |  | VERTICAL STEEL (BLACK)
FENCING WITH SPLIT- FACE
CMU COLUMNS TO MATCH
GARDEN CENTER FENCING |

NOTE: FIRE LANES PAINTED RED WITH WHITE LETTERING TO READ "FIRE LANE NO PARKING" TOP AND FACE OF ADJACENT CURB.

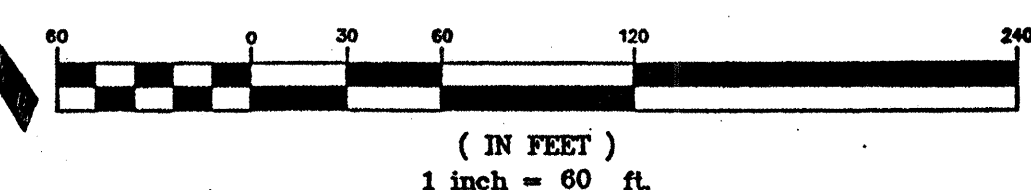
BENCH MARK

BASIS OF ELEVATION/PRIMARY BENCHMARK NMSHC CONTROL
STATION "NM448-N12" DATA: NMSHC BRASS TABLET FOUND
IN PLACE SET IN TOP OF A CONCRETE TABLET. NEW MEXICO
STATE PLANE GRID COORDINATES (CENTRAL-ZONE)
X = 381,108.54 Y = 1,528,910.94 ELEV = 5023.41'
(SLD 1929) GROUND TO GRID FACTOR = 0.99967595
DELTA ALPHA = -0013'46" NAD 1927

LEGAL DESCRIPTION

LOT 1, RIVERWALK MARKETPLACE TOGETHER WITH SOUTHERLY
175' OF LOT 1, AND ALL OF LOT 15C AND LOT 15D QUESTA-
DEL RIO SUBDIVISION TOGETHER WITH AN ABANDONED PORTION
OF CORRALES MAIN CANAL (AKA REMBE PROPERTY) WITHIN
PROJECTED SECTIONS 5 AND 8, T.11N., R.3E., N.M.P.M. TOWN
OF ALAMEDA GRANT CITY OF ALBUQUERQUE BERNALILLO COUNTY,
NEW MEXICO

GRAPHIC SCALE



DRAWN	 2600 THE AMERICAN ROAD SE, SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 898-8021 City Project No.	DATE
MDG		AUGUST 2001
DESIGN		FILE NO.
MDG		X0218022
CHECKED BY		SHEET NO.
BMS		C3

RECORD DRAWING
DATE 2-17-03

676681

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LOWE'S
ENGINEERING AND
CONSTRUCTION
HWY 285 EAST, EAST DOCK N. WILGESSBORO, NC 28569
333.6.658.4000 (V) 336.658.3257 (F)

SITE PLAN FOR BUILDING

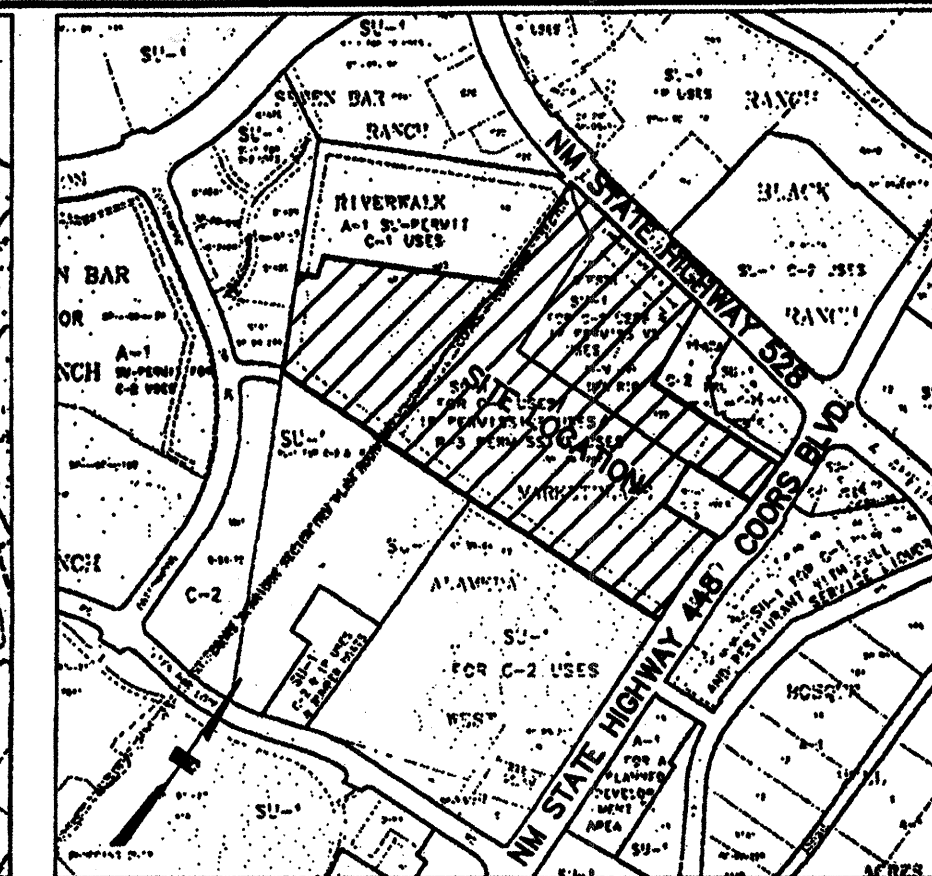
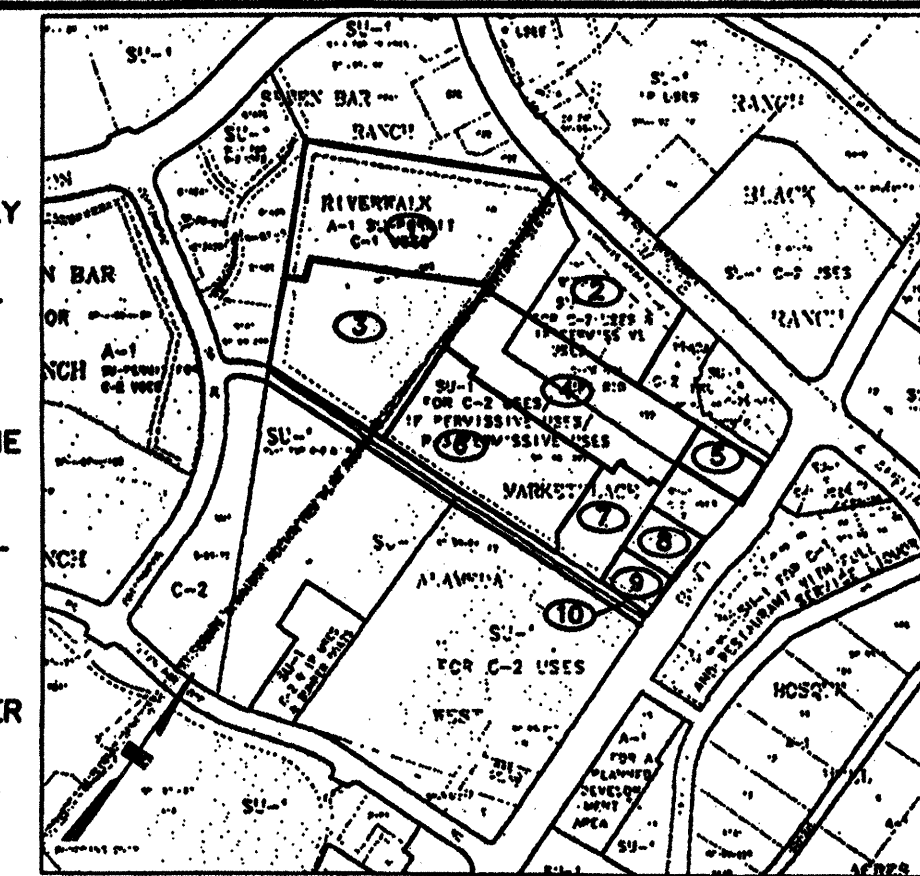
**LOWE'S OF
NW ALBUQUERQUE**

ALBUQUERQUE, NEW MEXICO
PROJECT No: X0218022 DRAWN BY: MDG CHECKED BY: BNL

ORIGINAL ISSUE DATE: XX/XX/XX	
PERMIT SET ISSUE DATE: XX/XX/XX	
CONSTRUCTION SET ISSUE DATE: 01/22/02	
Sheet	Of
6	19

PROPOSED CONDITIONS

THE PROPOSED CONDITIONS INCLUDE THE CONSTRUCTION OF A LOWE'S HOME IMPROVEMENT WAREHOUSE WITHIN THE CENTRAL PORTION OF THE SITE. THE WAREHOUSE WILL CONSIST OF 135,198 SQUARE FEET MAIN BUILDING, 42,224 SQUARE FOOT GARAGE, AND 1,000,000 SQUARE FOOT DETENTION POND. THE DETENTION POND WILL BE ACCESSED BY TWO ASSOCIATED DRIVEWAYS AND PARKING RUNDROPS FROM THESE DEVELOPMENTS. WILL PRIMARILY DRAIN INTO POND 2, LOCATED IN BASIN 7. RUNOFF FROM PROPERTIES NOT DIRECTLY ASSOCIATED WITH THE LOWE'S HOME IMPROVEMENT WAREHOUSE WILL ALSO BE DETAINED BY POND 2. BASINS 5, 8, AND 9 WILL DISCHARGE TO POND 2. THE DETENTION POND CLOSEST TO NM 528, POND 1, WILL ATTENUATE FLOWS ORIGINATING FROM THE VACANT WALMART (BASIN 1) AS WELL AS FLOWS FROM BASIN 2. POND 3, LOCATED IN BASIN 3 WILL DETAIN FLOWS ORIGINATING FROM BASIN 3 ONLY. THE FOURTH AND FINAL POND, POND 4, WILL DETAIN EXISTING RUNOFF FROM THE UNDEVELOPED LANDS WEST OF THE PROPOSED SITE. THE DETENTION POND PROPERTIES NOT DISCHARGING TO THE BEFORE MENTIONED PONDS IS ENCOMPASSED BY BASIN 10. BASIN 10 WILL DISCHARGE TO THE CORRALES MAIN CANAL VIA THE PROPOSED STORM SEWER SYSTEM WITHIN LOWE'S AVENUE. THE OUTLET OF POND 10 WILL DISCHARGE INTO THE EXISTING STORM SEWER BENEATH NM 528. POND 2, 3, AND 4 WILL ALL DISCHARGE INTO THE LOWE'S AVENUE STORM DRAIN. THE PROPOSED STORM SEWER WITHIN LOWE'S AVENUE WILL COLLECT THE BEFORE MENTIONED FLOWS AND DISCHARGE THEM INTO THE CORRALES MAIN CANAL VIA A 48" RCP THAT WILL PASS BENEATH COORS BLVD. NEAR THE INTERSECTION OF LOWE'S AVENUE AND COORS BLVD. THE FLOWS WILL THEN ENTER THE CANAL VIA AN EXISTING 48" OUTFALL (NORTH COORS DRAINAGE, CALABACILLAS OULET, SCANLON & ASSOCIATES, 1994). GIVEN THE EXISTING AND PROPOSED CONDITIONS, PONDS 1, 2, AND 3 REQUIRE VOLUMES OF 1.32 ACFT, 1.37 ACFT, AND 0.66 ACFT, RESPECTIVELY. GIVEN THE EXISTING CONDITIONS, POND 4 WILL REQUIRE A VOLUME OF 0.33 ACFT.



PROPOSED BASINS

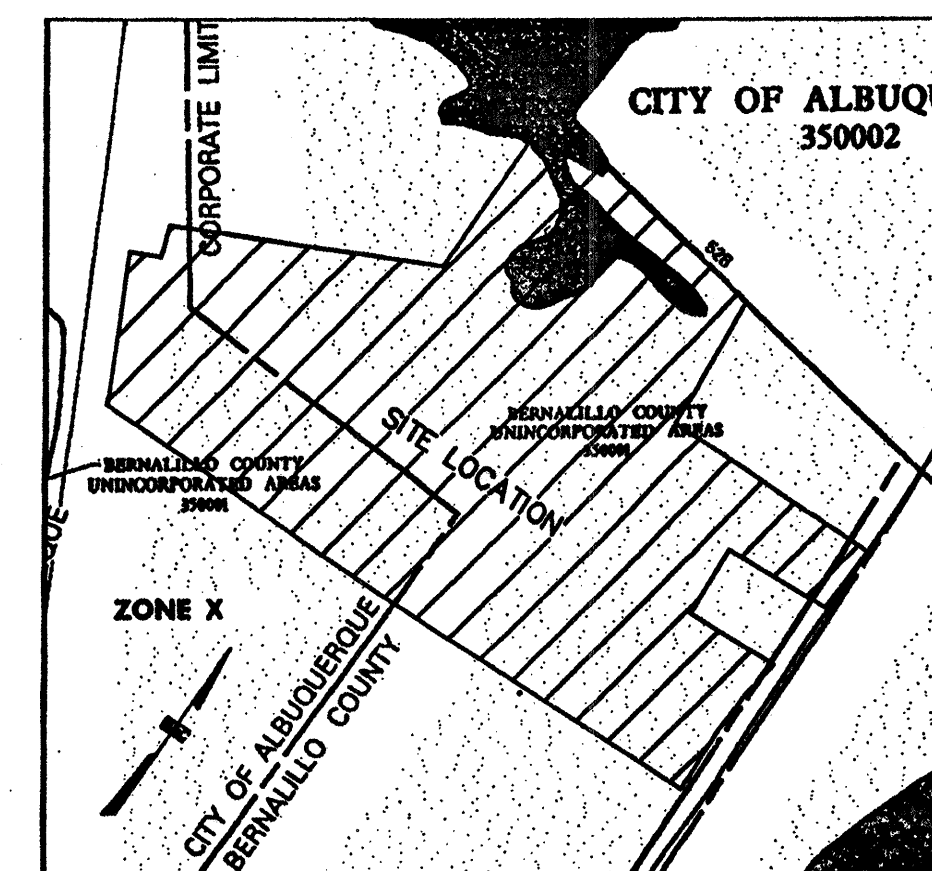
VICINITY MAP

ZONE ATLAS MAP NO. A-14-Z & B-14-Z



SOILS MAP

SCS BERNALILLO COUNTY SOIL SURVEY
SHEET NO. 10



FLOOD INSURANCE RATE MAP

FLOOD INSURANCE STUDY
PANEL 108 & 109

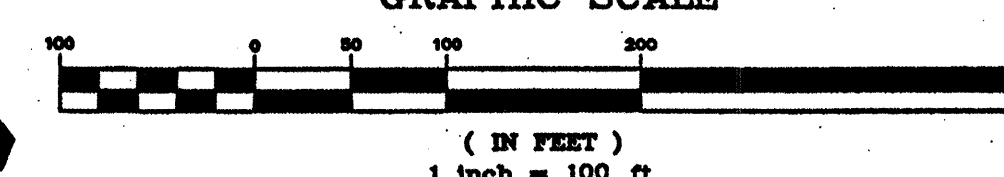
BENCH MARK

BASIS OF ELEVATION/PRIMARY BENCHMARK NMSHC CONTROL STATION
"NM448-N12" DATA: NMSHC BRASS TABLET FOUND IN PLACE SET
IN TOP OF A CONCRETE TABLET. NEW MEXICO STATE PLANE GRID
COORDINATES (CENTRAL-ZONE) X = 381,108.54 Y = 1,528,910.94
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GROUND TO GRID FACTOR = 0.99967595
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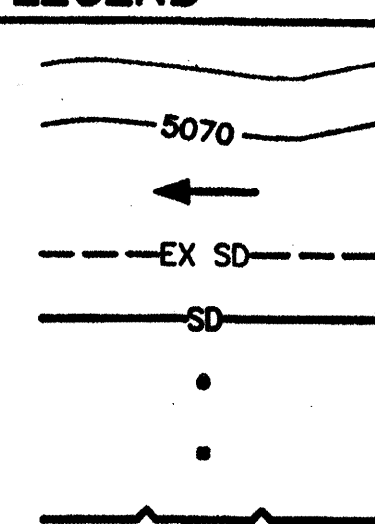
GRAPHIC SCALE



HYDROLOGY SUMMARY

PROJECT NAME: LOWE'S OF HW ALBUQUERQUE			LAND TREATMENTS		2 YEAR				10 YEAR				100 YEAR			
JOB NUMBER: W0218022					AREA (sq. ft.)		Q VOLUME (cu ft.)		Q VOLUME (cu ft.)		Q VOLUME (cu ft.)		Q VOLUME (cu ft.)			
SIGN	COND.	DESCRIPTION	A	B	C	D	Q	6 HR	24 HR	Q	6 HR	24 HR	Q	6HR	24 HR	
1	EXISTING	LOWE'S HW ASP SITE	8.46	0.06	15.00	85.65	13.63	0.68	4.792	24.317	0.857	1.165	38.092	1.39	1.708	
2	PROPOSED	LOWE'S HW ASP SITE	7.07	0.06	15.00	85.108	10.381	0.582	18.713	0.640	0.871	28.444	1.04	1.40	1.278	
3	PROPOSED	LOWE'S HW ASP SITE	5.48	0.06	15.00	85.628	12.234	0.534	0.711	21.824	0.790	1.046	34.121	1.258	1.532	
4	PROPOSED	LOWE'S HW ASP SITE	7.14	0.06	20.00	85.006	8.696	0.344	0.583	17.863	0.616	0.830	27.800	1.017	1.238	
5	PROPOSED	LOWE'S HW ASP SITE	1.20	0.05	15.00	85.505	1.759	0.081	0.100	3.065	0.108	0.148	4.823	0.178	0.217	
6	PROPOSED	LOWE'S HW ASP SITE	6.98	0.05	10.00	90.001	10.408	0.371	0.608	18.364	0.681	0.887	28.372	1.052	1.266	
7	PROPOSED	LOWE'S HW ASP SITE	2.38	0.05	75.00	25.001	0.944	0.037	0.050	3.065	0.058	0.116	0.280	0.190	0.321	
8	PROPOSED	LOWE'S HW ASP SITE	1.12	0.05	10.00	85.001	0.944	0.037	0.050	3.065	0.058	0.116	0.280	0.190	0.321	
9	PROPOSED	LOWE'S HW ASP SITE	0.78	0.05	15.00	85.001	0.944	0.037	0.050	3.065	0.058	0.116	0.280	0.190	0.321	
10	PROPOSED	LOWE'S HW ASP SITE	1.93	0.05	10.00	85.001	2.225	0.030	0.170	5.14	0.392	0.248	2.941	0.234	0.391	

LEGEND



EXISTING INTERMEDIATE CONTOUR
EXISTING INDEX CONTOUR
DIRECTION OF RUNOFF
EXISTING STORM DRAIN
PROPOSED STORM DRAIN
PROPOSED MANHOLE
PROPOSED DROP INLET
RETAINING WALL

ADJACENT PROPERTY LINE
LOWE'S PROPERTY LINE
EXISTING EASEMENT LINE
EXISTING MANHOLE
PRIMARY BENCH MARK

RECORD DRAWING
DATE 2-17-03

DRAWN	 2600 THE AMERICAN ROAD SE, SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 898-8021 City Project No.	DATE
CLC		DEC 2001
DESIGN		FILE NO.
JRW		X0218022
CHECKED BY		SHEET NO.
BMS		C10

LOWE'S
HOME CENTERS, INC.
P.O. BOX 1111 N. WILKESBORO, NC 28680

REVISIONS

PRE-BID SET ISSUE DATE		POST-BID SET ISSUE DATE	
DATE		DESCRIPTION	

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LOWE'S
ENGINEERING AND
CONSTRUCTION

HWY 288 EAST, EAST DOCK N. WILKESBORO, NC 28659
336.658.4000 (V) 336.658.3257 (F)

**OVERALL
GRADING AND DRAINAGE PLAN**

**LOWE'S OF
NNW ALBUQUERQUE
NNW ALBUQUERQUE, NEW MEXICO**

PROJECT No. 20110022 DRAWN BY: JRW CHECKED BY: BMS

ORIGINAL	
ISSUE DATE:	10/19/01
PERMIT SET	
ISSUE DATE:	XX/XX/XX
CONSTRUCTION SET	
ISSUE DATE:	01/22/02
Sheet	Of
7	19

1. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC. WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES & LOWE'S SPECIFICATIONS.
2. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.
3. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
4. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
5. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
6. AFTER PERMITS HAVE BEEN OBTAINED & EROSION CONTROL MEASURES INSTALLED, THE CONTRACTOR SHALL GRADE BUILDING PAD, GARDEN CENTER & APRONS TO +/- 0.1 FT. OF SUBGRADE AS PER SECTION 02300, DIVISION 2 OF LOWE'S STANDARD SITE SPECIFICATIONS.
8. IMMEDIATELY APPLY & COMPACT STONE BASE FOR BUILDING PAD TO +/- -1/2" OF CONCRETE SUBGRADE AS PER DIVISION 2 SPECIFICATIONS. STONE SHALL BE APPLIED PRIOR TO EXCAVATING INTERIOR & PERIMETER FOOTINGS.
9. DRAIN DRAIN SHALL BE INSTALLED IF DIRECTED BY THE GEOTECHNICAL ENGINEER OR AS SHOWN ON PLANS.
10. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON TO ALL CLEANOUTS OUTSIDE OF BUILDING.
11. SICP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM ADS- N2 OR ENGINEER APPROVED EQUAL (AT LOCATIONS NOTED ON PLANS). SICP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINES FOR HEAVY DUTY DRAINAGE APPLICATIONS.
12. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH DIVISION 2 OF LOWE'S STANDARD SITE SPECIFICATIONS.

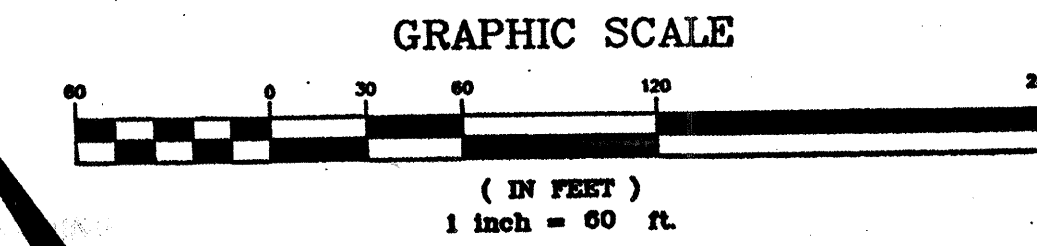
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LOWE'S
ENGINEERING AND
CONSTRUCTION
HWY 288 EAST, EAST DOCK N. WILKESBORO, NC 28659
336.656.4000 (N) 336.656.3257 (F)

**LOWE'S OF
NW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO**

ORIGINAL	
ISSUE DATE:	10/16/01
PERMIT SET	
ISSUE DATE:	XX/XX/XX
CONSTRUCTION SET	
ISSUE DATE:	01/22/02
Sheet	Of
8	19

	LOWE'S PROPERTY LINE		PROPOSED
	ADJACENT PROPERTY LINE		INTERMEDIATE CONTOUR
	EXISTING		5175 INDEX CONTOUR
	EASEMENTS		SD STORM DRAIN
	INTERMEDIATE CONTOUR		SAS SANITARY SEWER
	5070 INDEX CONTOUR		WL WATER LINE
	SD STORM DRAIN		CLEAN OUT
	SAS SANITARY SEWER		12" TRUCKWELL DRAIN
	WL WATER LINE		10" HDPE PIPE DOWNSPOUT
	SAS MANHOLE		5033.18 SPOT ELEVATION
	STORM DRAIN MANHOLE		STORM DRAIN MANHOLE
	CLEAN OUT		DROP INLET
	DROP INLET		RETAINING WALL
			DECORATIVE FENCE



DRAWN DLG	 2600 THE AMERICAN ROAD SE, SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 898-8021	DATE DEC 2001	ORIGINAL ISSUE DATE: 10/19/01 PERMIT SET ISSUE DATE: 20020205
		FILE NO. X0218022	CONSTRUCTION SET ISSUE DATE: 01/22/02 Sheet Of 8 19
DESIGN JRW	City Project No.	SHEET NO. C11	
CHECKED BY BMS			

RECORD DRAWING
DATE 2-17-03

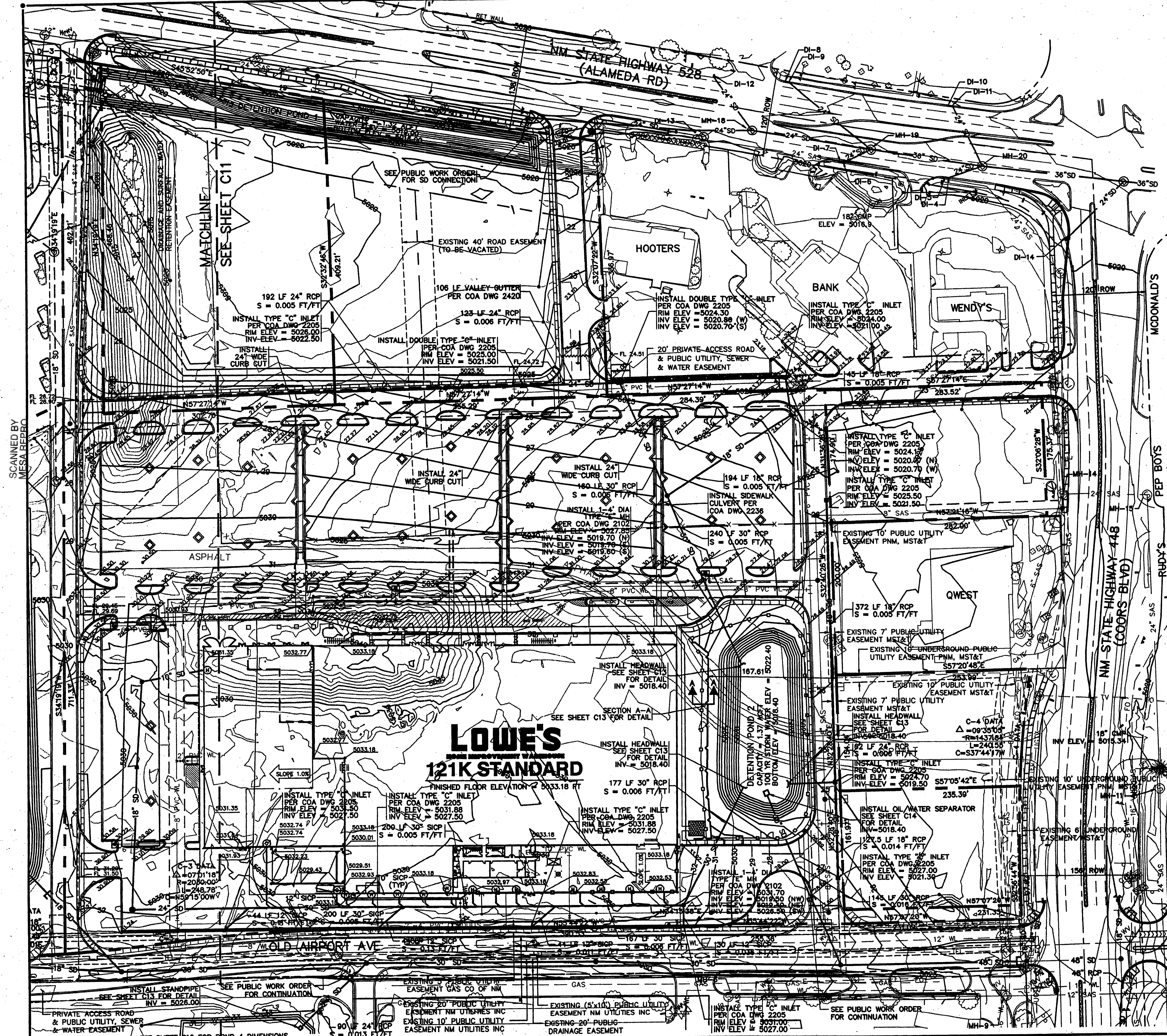
676681



LOWE'S
ENGINEERING AND
CONSTRUCTION
HWY 288 EAST, EAST DOCK N. WILKESBORO, NC 28689
336.658.4000 (V) 336.658.3257 (F)

**LOWES OF
NW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO**

ORIGINAL	
ISSUE DATE:	10/18/01
PERMIT SET	
ISSUE DATE:	10/19/01
CONSTRUCTION SET	
ISSUE DATE:	01/12/02
Sheet	Of
9	19



MH-4 STORM
 N RIM ELEV = 5025.50'
 S INV ELEV = 5019.64' (18" RCP)
 SE INV ELEV = 5019.14' (18" RCP)

MH-5 STORM
 N RIM ELEV = 5027.73'
 N INV ELEV = 5018.01' (18" RCP)
 E INV ELEV = 5017.73' (18" RCP)

MH-10 STORM
 N RIM ELEV = 5021.19'
 E INV ELEV = 5006.69' (48" RCP)

MH-18 STORM
 N RIM ELEV = 5018.93'
 E INV ELEV = 5010.63' (24" RCP)
 SW INV ELEV = 5010.72' (24" RCP)
 NW INV ELEV = 5010.73' (24" RCP)

MH-19 STORM
 N RIM ELEV = 5018.99'
 E INV ELEV = 5009.69' (48" RCP)
 S INV ELEV = 5013.95' (24" RCP)
 W INV ELEV = 5009.70' (24" RCP)
 NW INV ELEV = 5013.09' (24" RCP)

MH-20 STORM
 N RIM ELEV = 5018.61'
 N INV ELEV = UNABLE TO GET
 E INV ELEV = 5007.72' (48" RCP)
 SW INV ELEV = 5012.95' (24" RCP)
 W INV ELEV = 5007.85' (48" RCP)

MH-22 STORM
 N RIM ELEV = 5019.27'
 E INV ELEV = 5010.35' (30" RCP)
 W INV ELEV = 5010.63' (30" RCP)

DI-1
 TOP OF GRATE ELEV.=5023.209'
 INV. ELEV.=5020.109'

DI-2
 TOP OF GRATE ELEV.=5021.001'
 INV. ELEV.=5017.251'

DI-3
 TOP OF GRATE ELEV = 5020.581'
 INV ELEV = 5016.781'

DI-4
 TOP OF GRATE ELEV = 5018.34'
 TOP OF PIPE ELEV = 5015.04'
 TOP OF SILT ELEV = 5012.99'

DI-5
 TOP OF GRATE ELEV = 5018.34'
 TOP OF SILT ELEV = 5012.94'

DI-6
 TOP OF GRATE ELEV = 5018.53'
 TOP OF PIPE ELEV = 5015.28' (12")
 TOP OF SILT ELEV = 5013.33'

DI-7
 TOP OF GRATE ELEV = 5018.50'
 TOP OF SILT ELEV = 5013.50'

DI-8
 TOP OF GRATE ELEV = 5018.39'
 TOP OF SILT ELEV = 5013.90'

DI-9
 TOP OF GRATE ELEV = 5018.41'
 TOP OF SILT ELEV = 5013.26'

DI-10
 TOP OF GRATE ELEV = 5018.22'
 TOP OF SILT ELEV = 5013.22'

DI-11
 TOP OF GRATE ELEV = 5018.22'
 TOP OF SILT ELEV = 5013.37'

DI-12
 TOP OF GRATE ELEV = 5018.06'
 TOP OF PIPE ELEV = 5013.86' (18")
 BOTTOM OF DROP INLET ELEV = 5010.66'

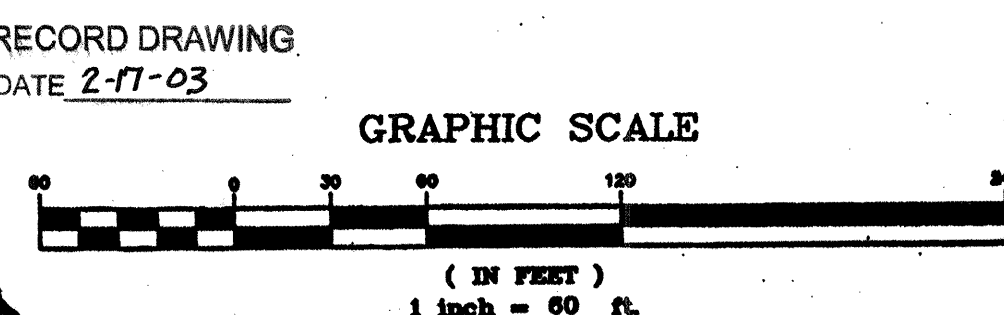
DI-13
 TOP OF GRATE ELEV = 5018.73'
 TOP OF PIPE ELEV = 5013.53' (24")
 BOTTOM OF DROP INLET ELEV = 5010.33'

DI-14
 TOP OF GRATE ELEV = 5018.90'
 TOP OF SILT ELEV = 5014.20'

DI-15
 TOP OF GRATE ELEV.=5019.80'
 INV. ELEV.=5017.40' (18" RCP)

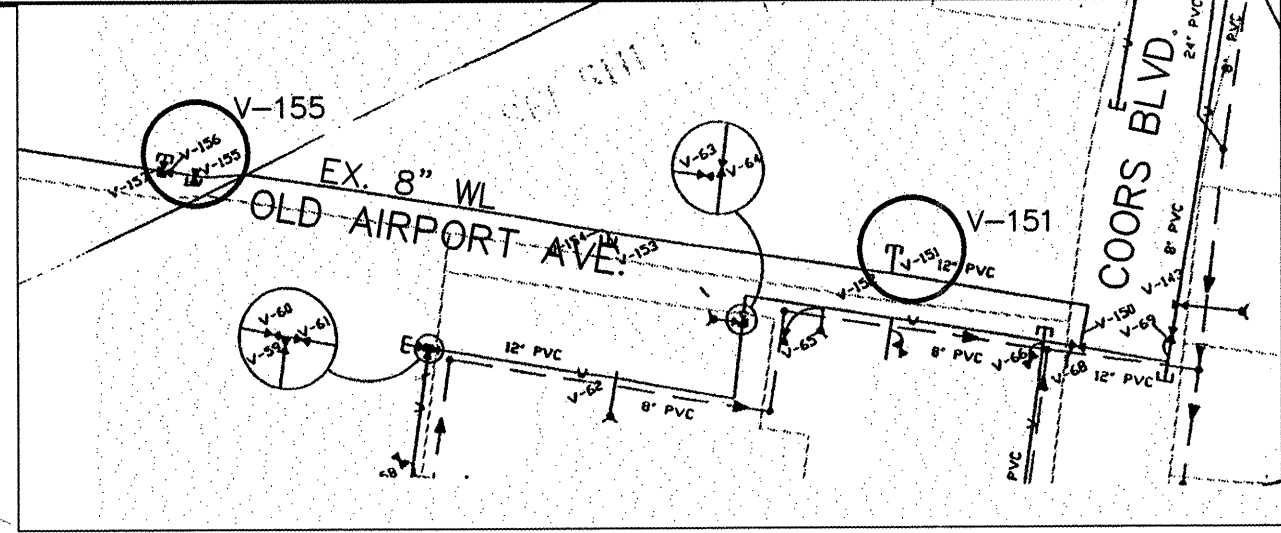
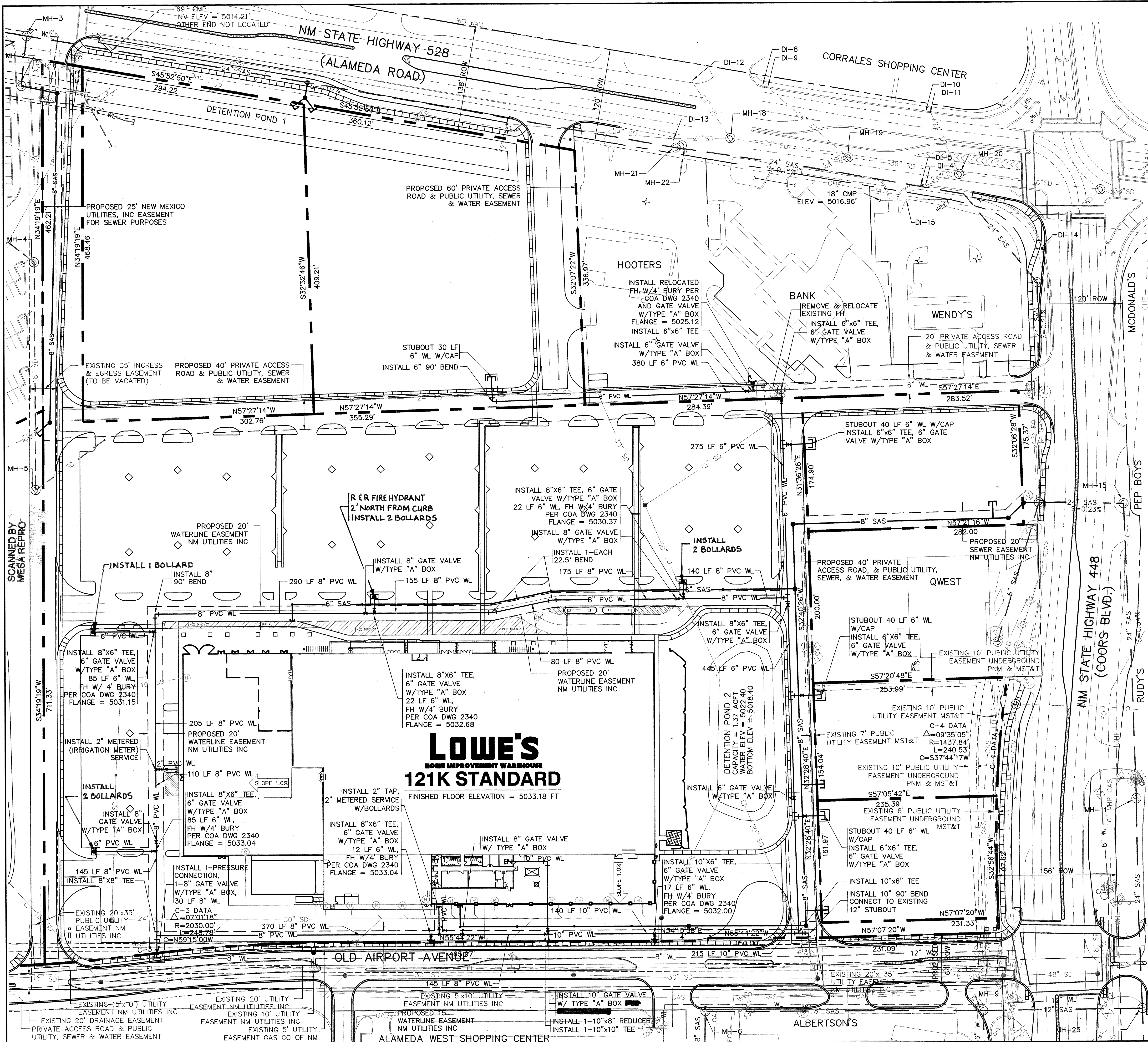
LEGEND	
----- LOWE'S PROPERTY LINE	<u>PROPOSED</u>
----- ADJACENT PROPERTY LINE	----- INTERMEDIATE CONTOUR
<u>EXISTING</u>	-----5175----- INDEX CONTOUR
----- EASEMENTS	-----SD----- STORM DRAIN
----- INTERMEDIATE CONTOUR	-----SAS----- SANITARY SEWER
-----5070----- INDEX CONTOUR	-----WL----- WATER LINE
----- SD ----- STORM DRAIN	• CLEAN OUT
----- SAS ----- SANITARY SEWER	⊙ 12" TRUCKWELL DRAIN
----- WL ----- WATER LINE	⊙ 10" HDPE PIPE DOWNPOUT
⊙ SAS MANHOLE	5033.18 SPOT ELEVATION
⊙ STORM DRAIN MANHOLE	• STORM DRAIN MANHOLE
⊙ CLEAN OUT	■ DROP INLET
- DROP INLET	----- RETAINING WALL
	----- DECORATIVE FENCE

NOTE
FOR GRADING AND DRAINAGE NOTES SEE SHEET C11



DRAWN DLC	 WILSON & COMPANY 2800 THE AMERICAN ROAD SE, SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 898-8021 City Project No.	DATE DEC 2001
DESIGN JRW		FILE NO. X0218022
CHECKED BY: BMS		SHEET NO. C12

No. 676681



WATER SHUT-OFF PLAN
CONNECT TO EXISTING 8" PVC WL, CLOSE VALVES 151 & 156

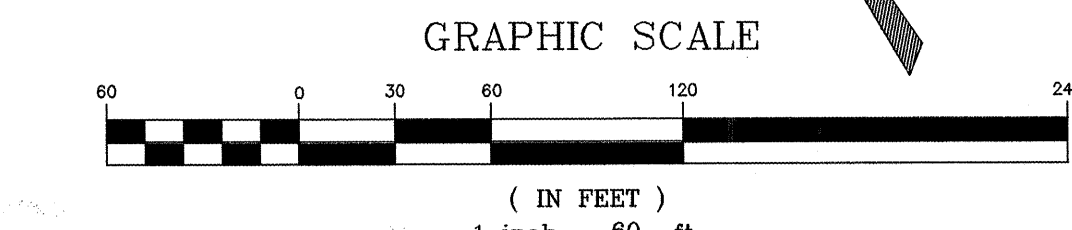
RESTRAINED JOINT TABLE						
LENGTH OF RESTRAINED PIPE EACH WAY (L _R)						
PIPE SIZE	90°	45°	22-1/2°	11-1/4°	TEE	VALVE/REDUCER
6"	-	-	-	-	-	40' 38'
10"	24'	-	-	-	10x6-10' 10x10-20'	70'
16"	-	-	-	-	16x10-20'	-

*TEE BRANCH - EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.

NOTE: THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS PER COA STANDARD DRAWING 2320.

LEGEND

EXISTING	PROPOSED
— SAS —	— SAS —
— SD —	— SD —
— WL —	— WL —
— GAS —	— GAS —
— UGTV —	— UGTV —
— TEL —	— TEL —
— FO —	— FO —
— E —	— E —
— OHE —	— OHE —
⊕ FH	⊕ FH
⊕ TR	⊕ TR
⊕ EB	⊕ EB
⊕ TM	⊕ TM
⊕ WM	⊕ WM
⊕ CO	⊕ CO
⊕ SM	⊕ SM
⊕ SD	⊕ SD
⊕ WCC	⊕ WCC



SWEET TOMATOES

RECORD DRAWING
DATE 2-17-03

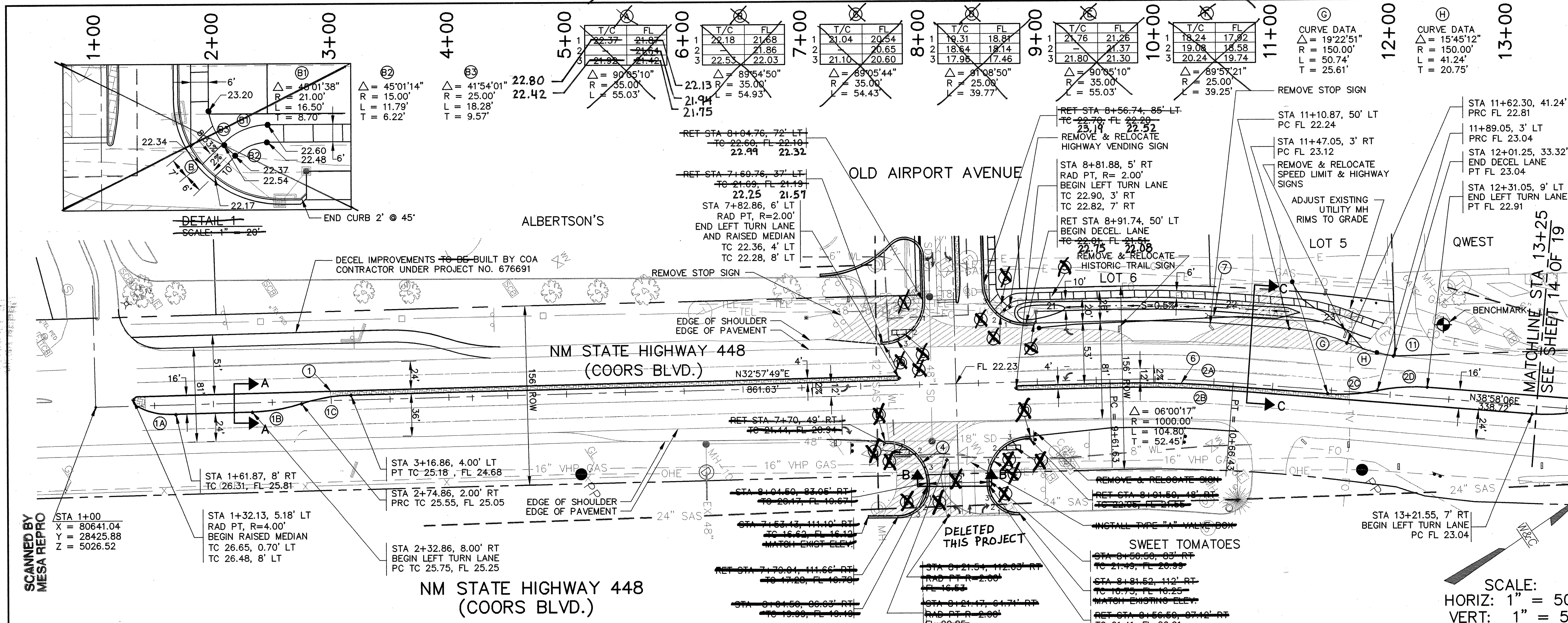
WCEA #X0218022
DEC 2001
WILSON & COMPANY

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
LOWE'S OF NW ALBUQUERQUE	
WATER PLAN	
Design Approval MAY - 1 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval
City Project No. 676681	Zone Map No. A-14-Z B-14-Z
Sheet 10	Of 19

BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
THE STATION IS LOCATED 8.3 MILES NORTHEAST OF DOWN-TOWN ALBUQUERQUE AT THE INTERSECTION OF JUAN TABO BLVD. N.E. & COMANCHE RD. N.E. TO REACH THE STATION FROM THE INTERCHANGE AT I-40 AND JUAN TABO BLVD. GO NORTH ON JUAN TABO 3.2 MILES TO THE STATION ON THE MALL. THE STATION MARK IS A STANDARD ACS BRASS TABLET STAMPED "ACS 2-G21-A 1978", DILLED INTO THE TOP OF THE CONCRETE CURB.	DATE	NO.	BY	NO. DATE	BY
CONTRACTOR: TILC COMPANY, INC.	DATE: 2002			REMARKS	
WORK: WILSON & COMPANY	DATE: 2002			REVISIONS	
DESIGNED BY: WILSON & COMPANY	DATE: 2002			NO. DATE	BY
DRAWN BY: WILSON & COMPANY	DATE: 2001			DESIGNED BY: JRW	DATE: DEC 2001
CHECKED BY: WILSON & COMPANY	DATE: 2001			DRAWN BY: JRW	DATE: DEC 2001
RECORDED BY: WILSON & COMPANY	DATE: 2001			CHECKED BY: BMS	DATE: DEC 2001
DATE: 2001					

BRIGITTE STAGNER
NEW MEXICO
95102
REGISTERED PROFESSIONAL ENGINEER

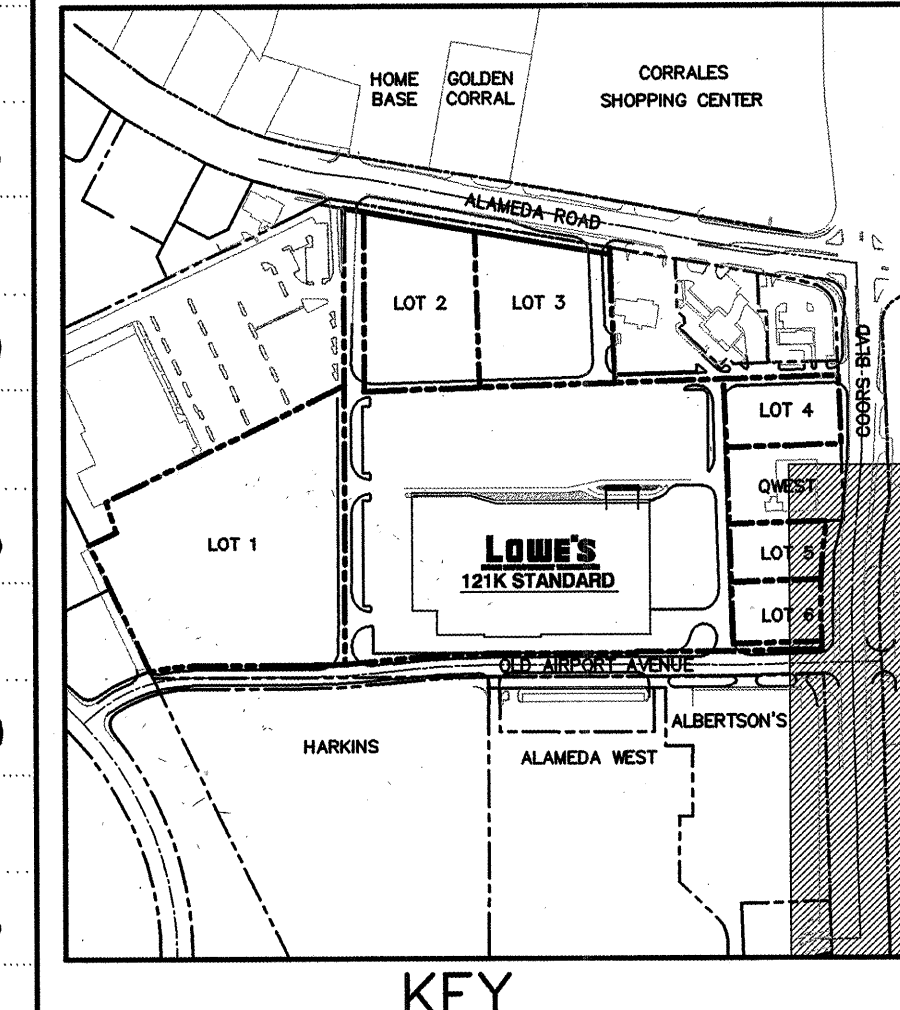
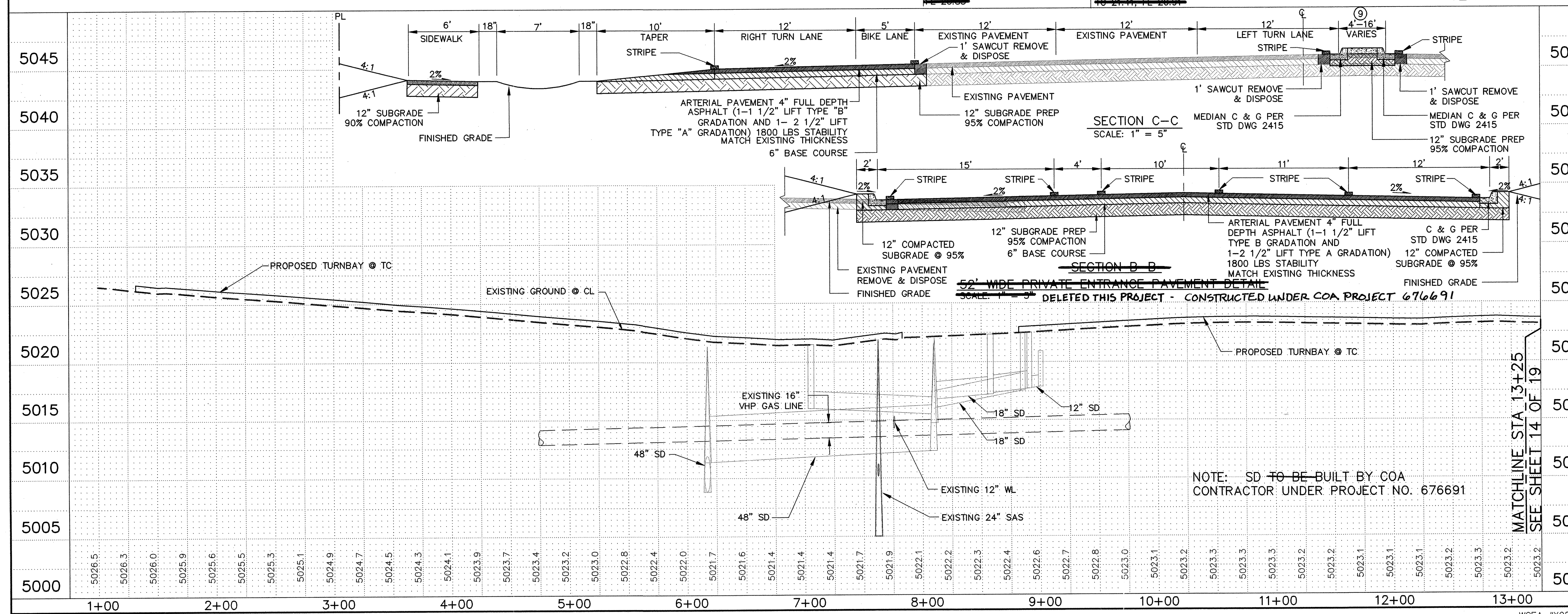
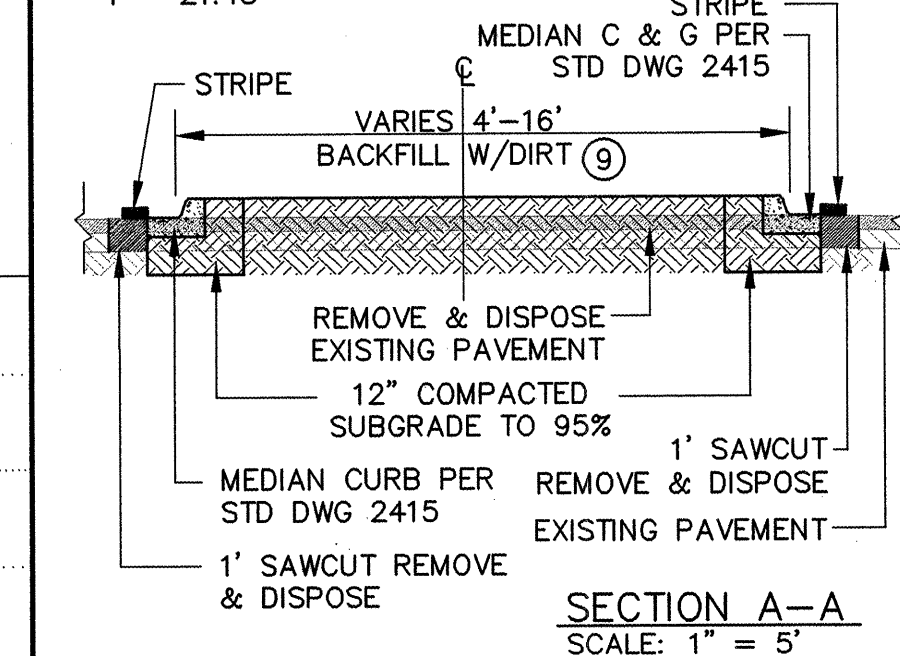
DELETED THIS PROJECT - CONSTRUCTED UNDER COA PROJECT 676691



- NOTES:**
- SEE SHEET 18 OF 19 FOR SIGNING AND STRIPING PLAN.
- ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
- CONSTRUCT MEDIAN PER COA DWG 2502. CONSTRUCT 1300 LF MEDIAN CURB PER COA DWG 2415.
 - CONSTRUCT UNIDIRECTIONAL WHEELCHAIR RAMP PER STD DWG 2426.
 - SEE WHEEL CHAIR RAMP DETAIL 1 THIS SHEET.
 - CONSTRUCT STD C & G PER STD DWG 2415.
 - CONSTRUCT 6' SIDEWALK PER STD DWG 2430.
 - CONSTRUCT MEDIAN PER COA DWG 2502. CONSTRUCT 1700 LF MEDIAN CURB PER COA DWG 2415.
 - REMOVE EXISTING DRIVEWAY CULVERT.
 - CONSTRUCT 52' WIDE ENTRANCE. SEE SECTION B-B FOR PAVEMENT DETAIL.
 - 4" THICK P.C. CONCRETE WHERE MEDIAN IS LESS THAN 5' WIDE.
 - END CURB 2' @ 45°.
 - DRIVEWAY TO REMAIN.
- REMOVE EXISTING ASPHALT

MEDIAN CURVE DATA @ TOP OF PAVEMENT/FLOWLINE

MEDIAN 1	MEDIAN 2
1A $\Delta = 34'18.04"$ R = 50.00' L = 29.93' T = 15.43'	1B $\Delta = 16'15.37"$ R = 150.00' L = 42.57' T = 21.43'
2A $\Delta = 06'00.17"$ R = 997.00' L = 104.49' T = 52.29'	2B $\Delta = 06'00.17"$ R = 993.00' L = 104.07' T = 52.08'
3A $\Delta = 16'15.37"$ R = 150.00' L = 42.57' T = 21.43'	3B $\Delta = 16'15.37"$ R = 150.00' L = 42.57' T = 21.43'



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

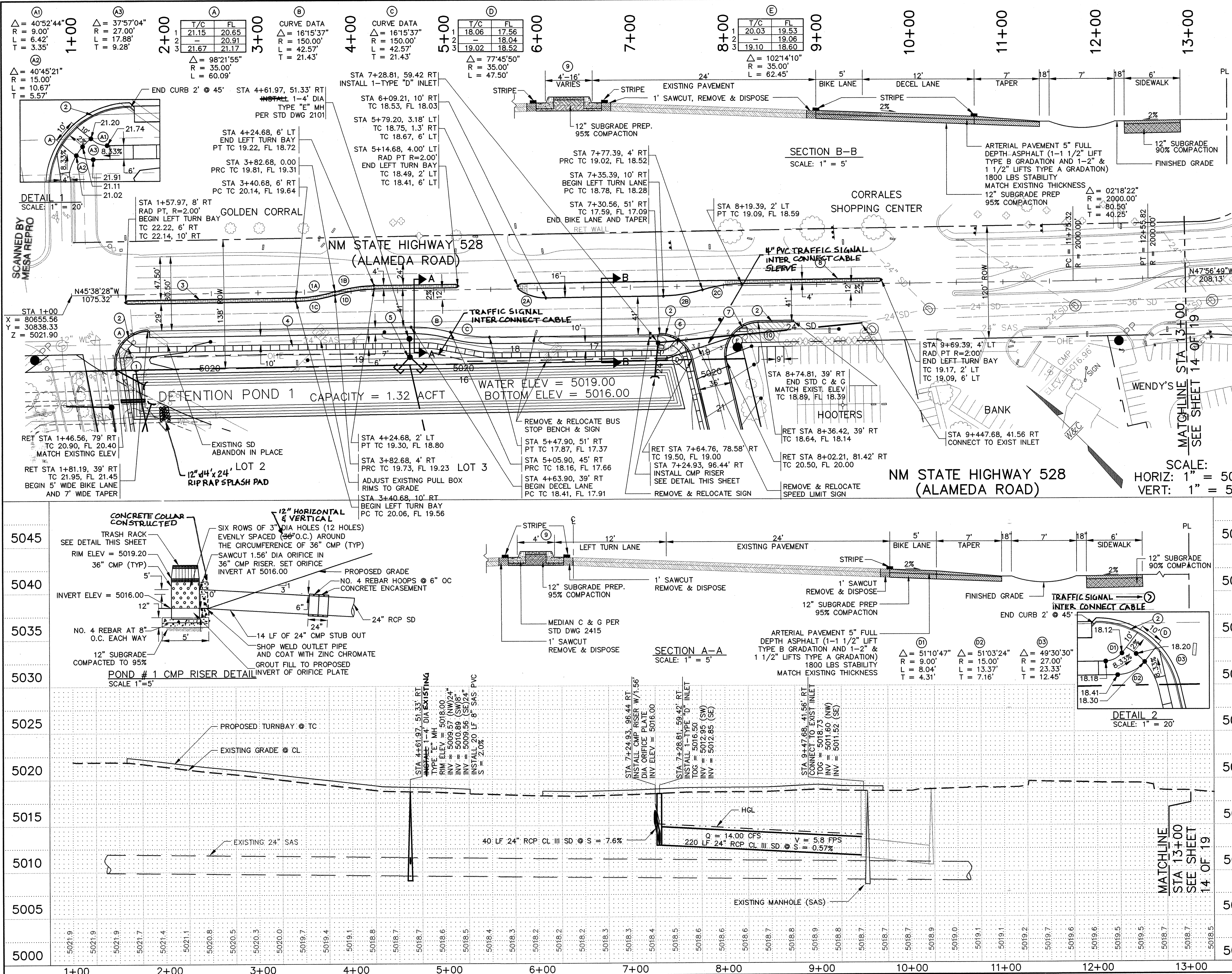
LOWE'S OF NW ALBUQUERQUE PAVING AND UTILITY PLAN & PROFILE COORS BLVD.

Design Review Committee City Engineer Approval

Mo./Day/Yr. Mo./Day/Yr.

DESIGN REVIEW COMMITTEE

City Project No. 676681 Zone Map No. A-14-Z B-14-Z Sheet 12 Of 19



NOTES:
SEE SHEET 19 OF 19 FOR SIGNING AND STRIPING PLAN.
ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
① SEE WHEEL CHAIR RAMP DETAIL 1 THIS SHEET.
② CONSTRUCT STD C & G PER STD DWG 2415.
③ CONSTRUCT MEDIAN PER STD DWG 2502. CONSTRUCT 745 LF MEDIAN C & G PER STD DWG 2415.
④ CONSTRUCT 6' SIDEWALK PER STD DWG 2430.
⑤ STA 4+62.26, 71.33' RT, INSTALL 1-4" DIA TYPE "E" MH PER STD DWG 2101. STUB OUT 2 EACH 20 LF 6" SAS PIPE, S = 1.0% RIM ELEV = 5019.00 INV = 5011.39 (W) 6" INV = 5011.39 (S) 6" INV = 5011.29 (NE) 8"
⑥ SEE WHEEL CHAIR RAMP DETAIL 2 THIS SHEET.
⑦ CONSTRUCT UNIDIRECTIONAL WHEEL CHAIR RAMP PER STD DWG 2426.
⑧ CONSTRUCT MEDIAN PER STD DWG 2502. CONSTRUCT 795 LF MEDIAN C & G PER STD DWG 2415.
⑨ 4" THICK P.C. CONCRETE FOR MEDIANS LESS THAN 5' WIDE.
⑩ REMOVE & DISPOSE EXISTING ASPHALT.

MEDIAN CURVE DATA @ TOP OF PAVEMENT/FLOWLINE

MEDIAN 1

STATION	Δ	R	L	T
1A	16°15'37"	150.00'	42.57'	21.43'
1B	16°15'37"	150.00'	42.57'	21.43'
1C	16°15'37"	150.00'	42.57'	21.43'

MEDIAN 2

STATION	Δ	R	L	T
2A	34°36'11"	50.00'	30.20'	15.57'
2B	16°15'37"	150.00'	42.57'	21.43'
2C	16°15'37"	150.00'	42.57'	21.43'

1/2" DIA. SMOOTH BARS
EQUALLY SPACED ± 6.0" APART WELDED AT BOTH ENDS TO 3" X 1/8" BANDS

1/2" DIA. SMOOTH BARS
WELDED FLUSH TO TOP OF 3" STEEL BAND

3" X 1/8" BAND

TRASH RACK DETAIL
SCALE: 1" = 5'

KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

LOWE'S OF NW ALBUQUERQUE
PAVING AND UTILITY PLAN & PROFILE
NM STATE HIGHWAY 528 (ALAMEDA ROAD)

DESIGN REVIEW COMMITTEE
City Engineer Approval

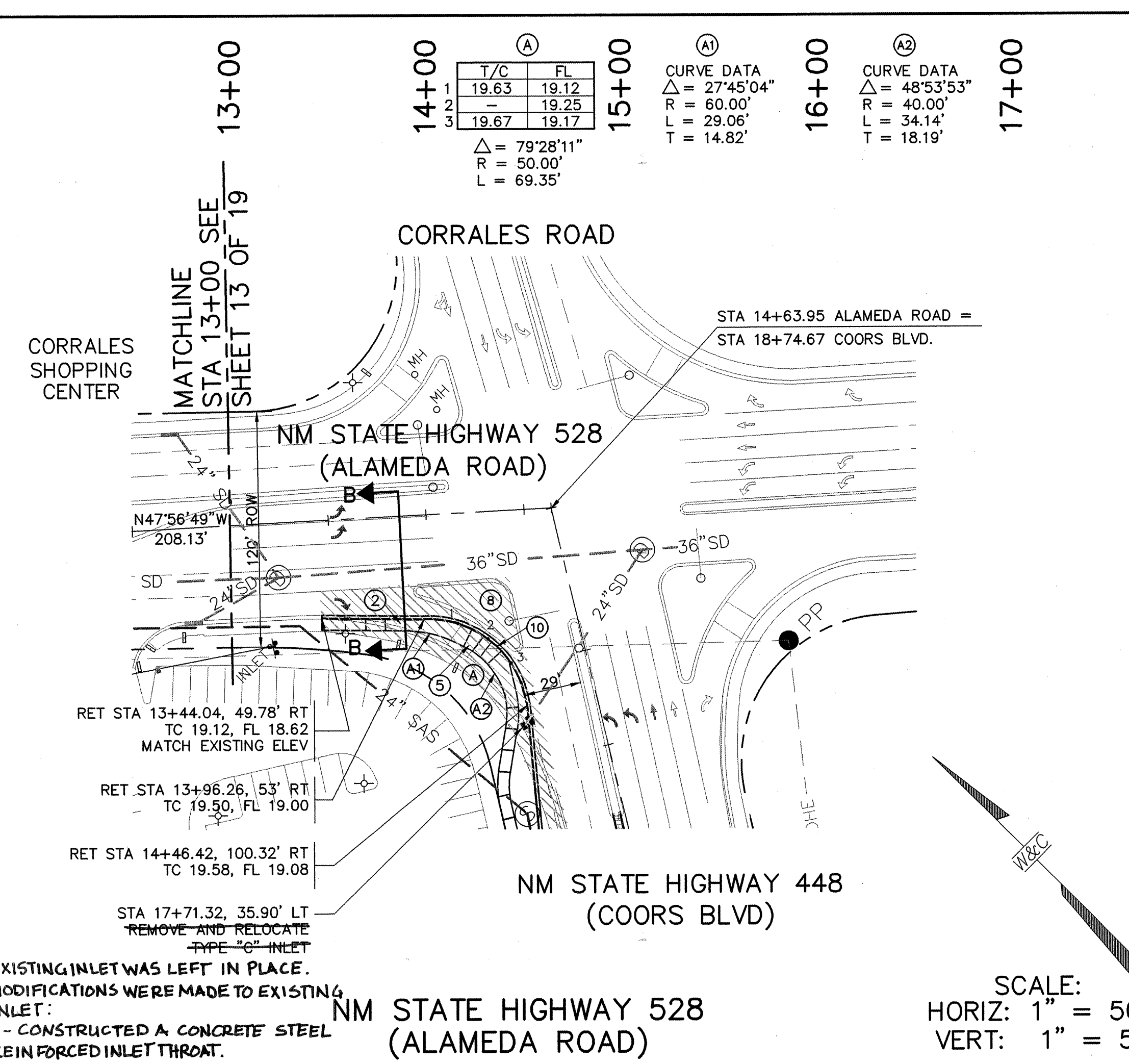
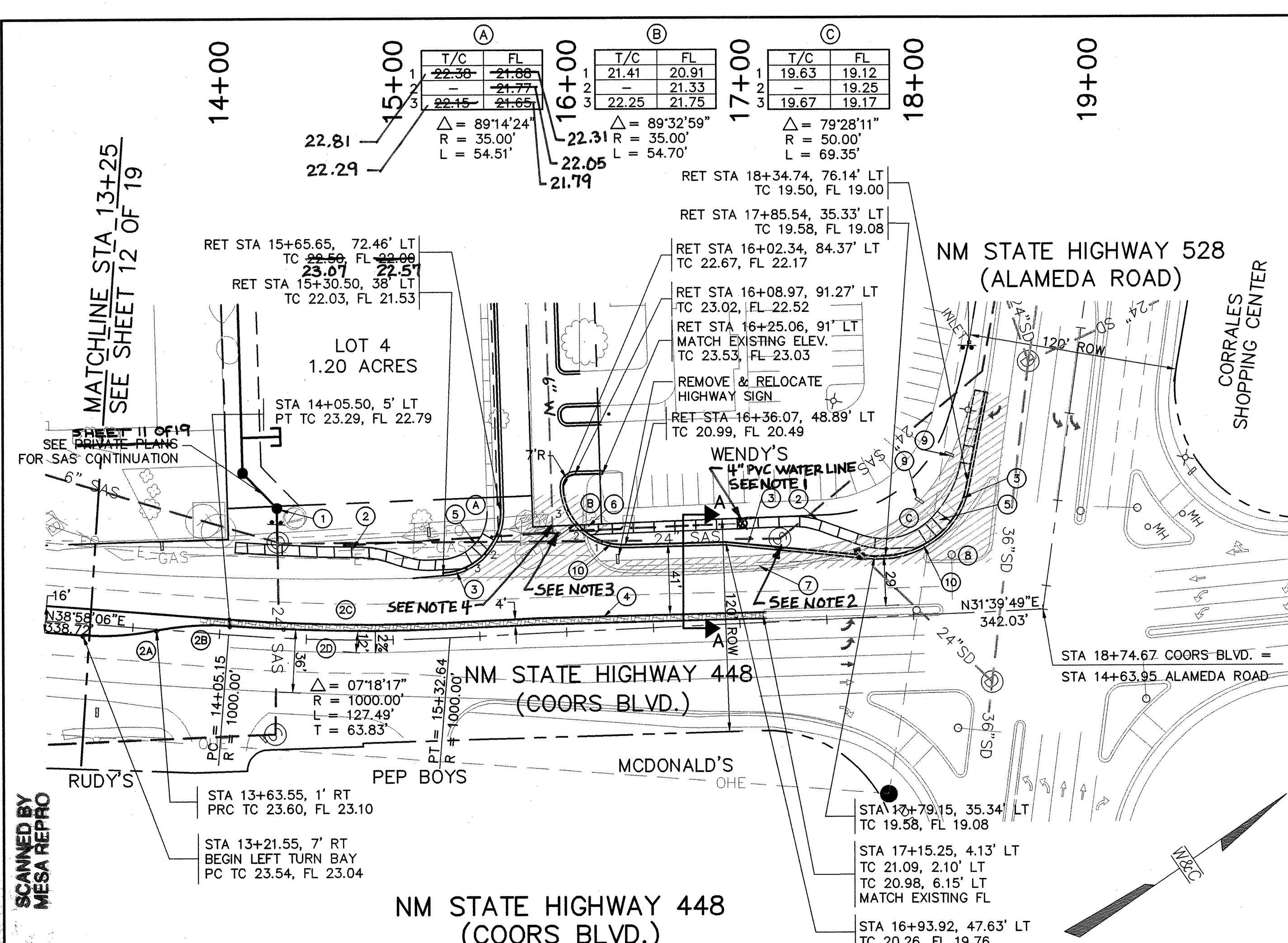
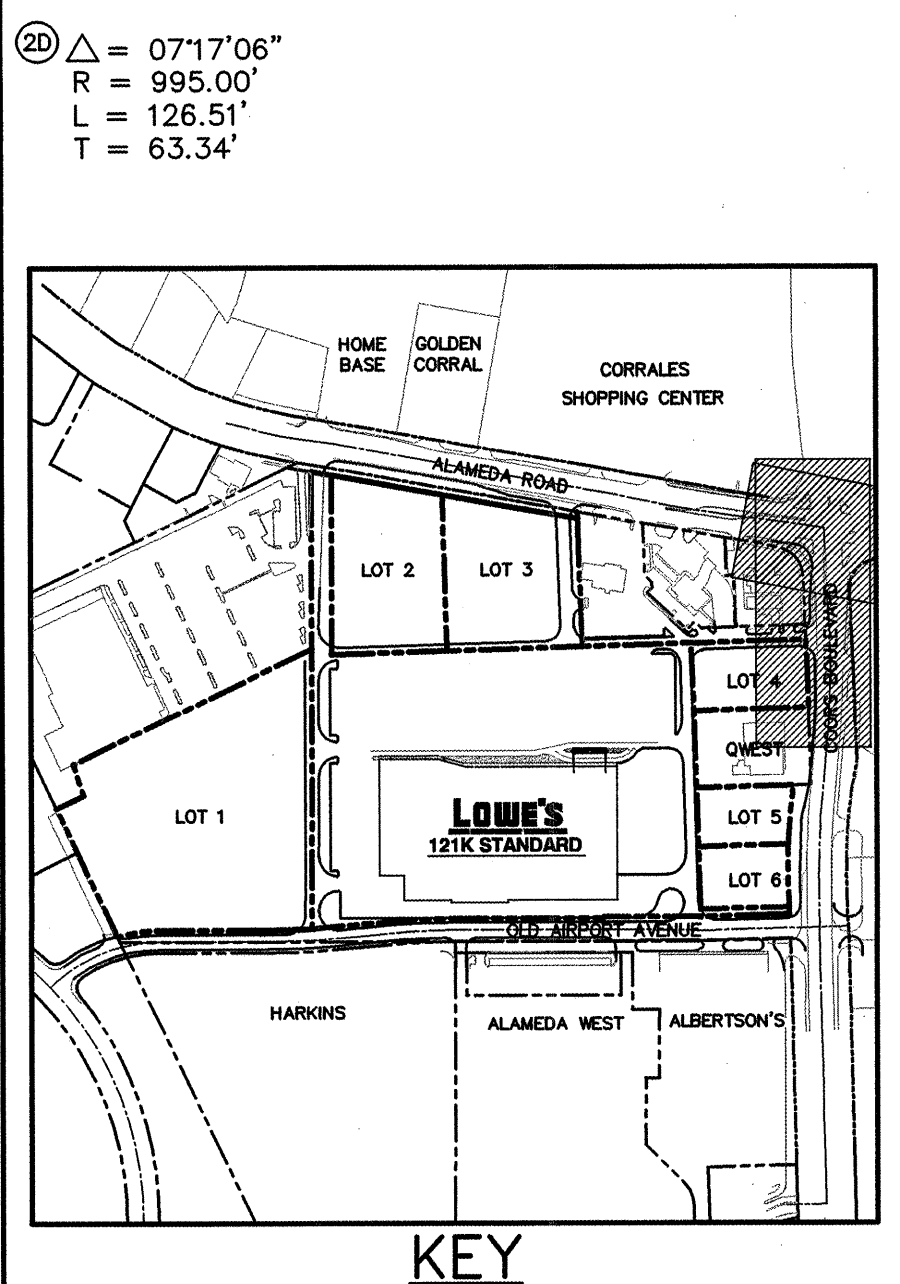
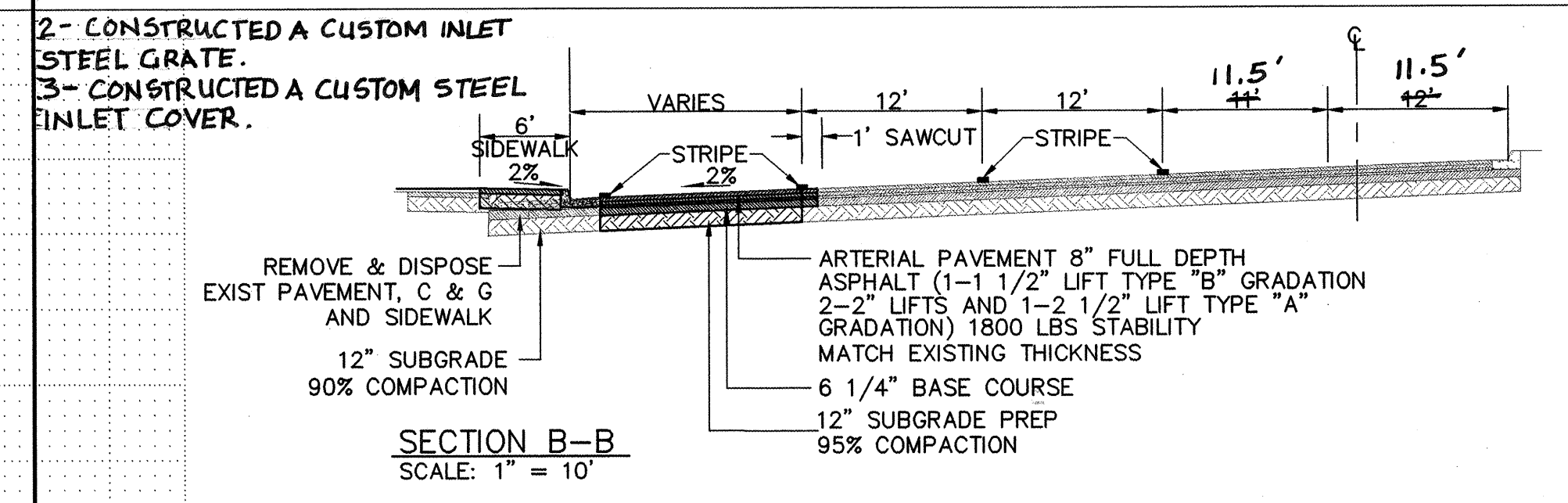
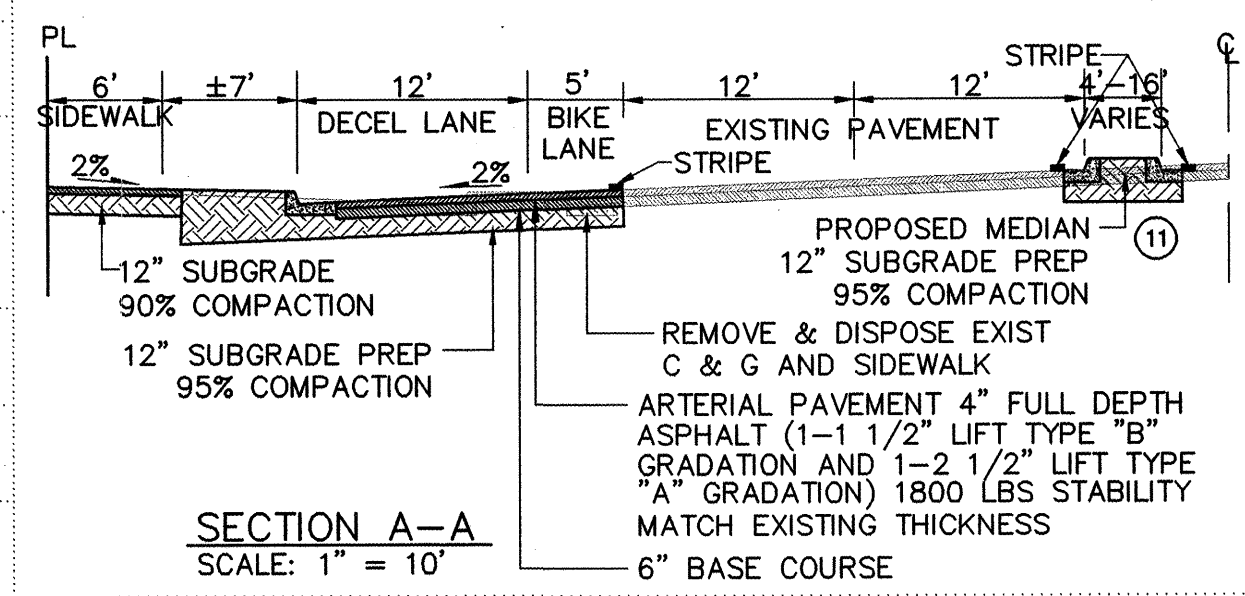
DESIGN REVIEW COMMITTEE
City Project No. 676681

Zone Map No. A-14-Z
B-14-Z

Sheet 13 of 19

WILSON & COMPANY

NOTES:
1. END 4" PVC WATERLINE. EXISTING 1/2" VALVE CAN ABANDONED IN PLACE.
2. EXISTING SAS MANHOLE ADJUSTED TO NEW SIDEWALK ELEVATION.
3. EXISTING 4" WATERLINE CUT AND CAPPED. CAP AND CONCRETE BLOCKING USED.
4. 2-1" WATER SERVICES EXTENDED NORTH TO WATER METER & BOX. THESE WATER SERVICES WILL SERVICE WENDY'S AND BANK OF AMERICA. PREVIOUSLY 1" WATER WERE FED FROM THE EXISTING 4" PVC WATERLINE.



- NOTES:
- SEE SHEETS 18 AND 19 OF 19 FOR SIGNING AND STRIPING PLANS.
- STA 14+28.93, 75.43' LT
INSTALL 1-4" DIA TYPE "E" MH
PER STD DWG 2102
CONNECT 20 LF 8" PVC SAS PIPE TO EXISTING MH, S = 1.7%
RIM = 5022.22
INV = 5010.26 (SE)8"
INV = 5010.16 (SW)8"
 - CONSTRUCT 6" SIDEWALK PER STD DWG 2430.
 - CONSTRUCT STD C & G PER STD DWG 2415.
 - CONSTRUCT MEDIAN PER STD DWG 2502.
CONSTRUCT 1700 LF MEDIAN C & G PER STD DWG 2415. TRANSITION MEDIAN CURB TO MATCH EXISTING MOUNTABLE CURB. MATCH EXISTING FLOWLINE.
 - CONSTRUCT WHEEL CHAIR RAMP PER STD DWG 2441 CASE II.
 - CONSTRUCT UNIDIRECTIONAL WHEEL CHAIR RAMP PER STD DWG 2426.
 - REMOVE & DISPOSE 184 SY EXISTING SIDEWALK, 318 LF EXISTING C & G.
 - REMOVE & DISPOSE 150 LF C & G AND 117 SY MEDIAN PAVEMENT. SEE SHEET 14 OF 18 FOR TRAFFIC SIGNAL RELOCATION. PREPARE 12" SUBGRADE TO 95% COMPACTION WITH 8" FULL DEPTH ASPHALT (1-1 1/2" LIFT TYPE "B" GRADATION, 2-2" LIFTS AND 1-2 1/2" LIFT TYPE "A" GRADATION) 1800 LBS STABILITY. MATCH EXISTING THICKNESS.
 - REMOVE SIGNAGE.
 - MATCH EXISTING COLORED CONCRETE IN SIDEWALK AND STD C & G.
 - 4" THICK P.C. CONCRETE WHERE MEDIAN IS LESS THAN 5' WIDE.
- REMOVE EXISTING ASPHALT
- MEDIAN CURVE DATA @ TOP OF PAVEMENT FLOWLINE
- MEDIAN 2
- 2A $\Delta = 16'15'37"$
R = 150.00'
L = 42.57'
T = 21.43'
- 2B $\Delta = 16'14'25"$
R = 150.00'
L = 42.52'
T = 21.40'
- 2C $\Delta = 07'18'17"$
R = 991.00'
L = 126.35'
T = 63.26'
- 2D $\Delta = 07'17'06"$
R = 995.00'
L = 126.51'
T = 63.34'

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WILSON & COMPANY, INC.	CONTROL STATION	NM448-N12" DATA: NM5HC BRASS	DATE	2002		REVISIONS
STATIONED BY	WILSON & COMPANY, INC.	TABULAR FOUND IN PLACE SET IN TOP OF A CONCRETE		BY			
ACCEPTANCE BY	WILSON & COMPANY, INC.	TABULAR, NEW MEXICO STATE PLANE GRID COORDINATES		NO. DATE			
DATE	2002	(CENTRAL-ZONE) X = 381108.54 Y = 1528910.94		DESIGNED BY	MDG		
DATE	2002	ELEV = 5023.41' (SLD 1929) GROUND TO		DRAWN BY	MDG	CITY OF ALBUQUERQUE	REVISIONS
DATE	2003	GRID FACTOR = 0.99867595		CHECKED BY	BMS	PUBLIC WORKS DEPARTMENT	REVISIONS
DATE		DELTA ALPHA = -0013'46" NAD 1927				ENGINEERING GROUP	REVISIONS
						LOWE'S OF NW ALBUQUERQUE	REVISIONS
						PAVING AND UTILITY PLAN & PROFILE	REVISIONS
						COORS BLVD. & ALAMEDA ROAD	REVISIONS
						City Project No.	676681
						Zone Map No.	A-14-Z
						Sheet	14
						Of	19

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

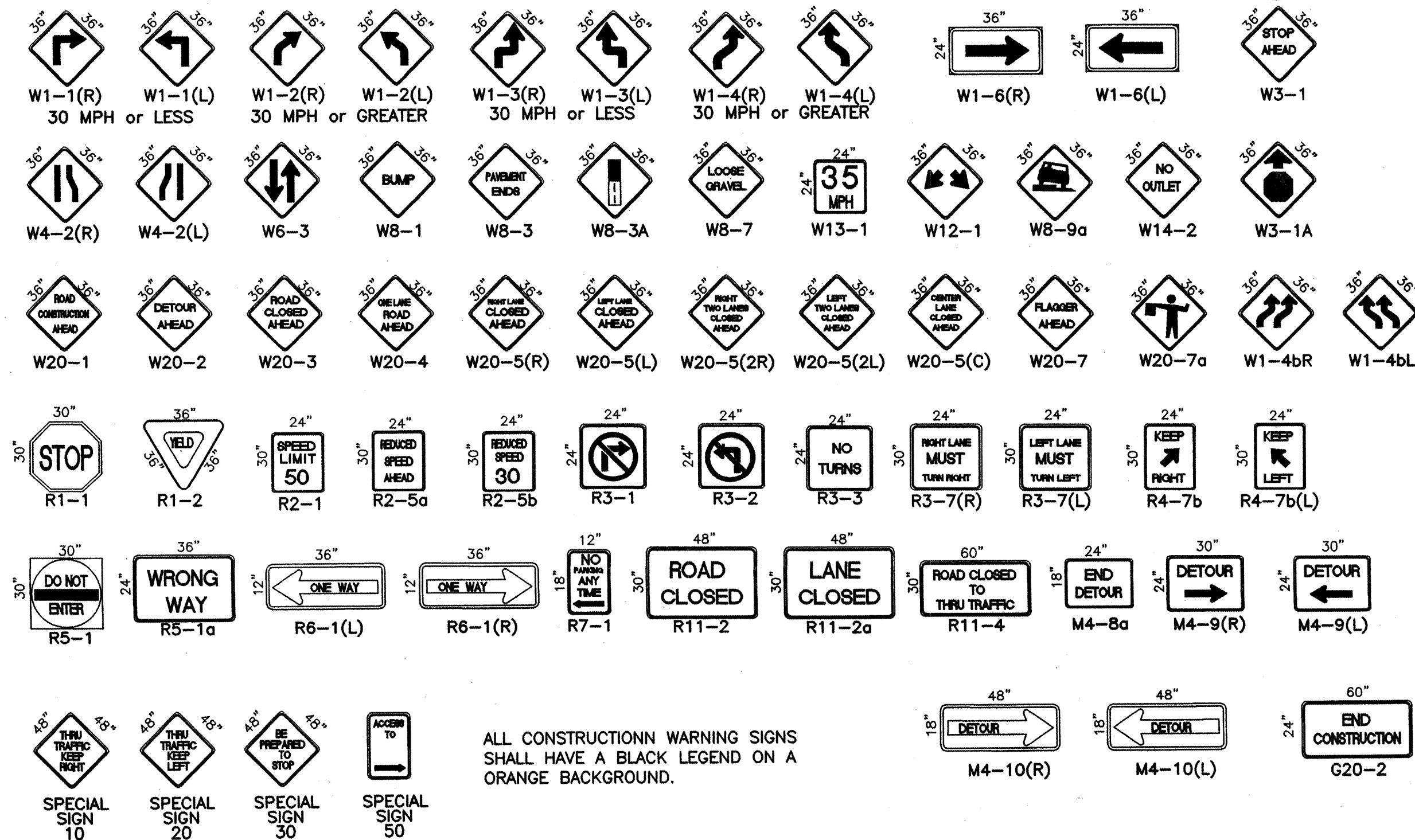
- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION & NMSHTD.
- CONSTRUCTION COORDINATION & NMSHTD SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
- ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORK SITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
- ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
- ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
- ALL WORK IN ARTERIAL ROADWAYS, INCLUDING ALAMEDA RD. AND COORS BLVD., WILL REQUIRE CONTINUOUS, 24-HOUR PER DAY CONSTRUCTION WHEN TRAFFIC LANES ARE CLOSED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON AN ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
- ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

- EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
- CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
 - STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
 - NMSHTD STANDARD SPECIFICATION FOR HIGHWAY AND BRIDGE CONSTRUCTION.
- FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.
- TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.
- ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.

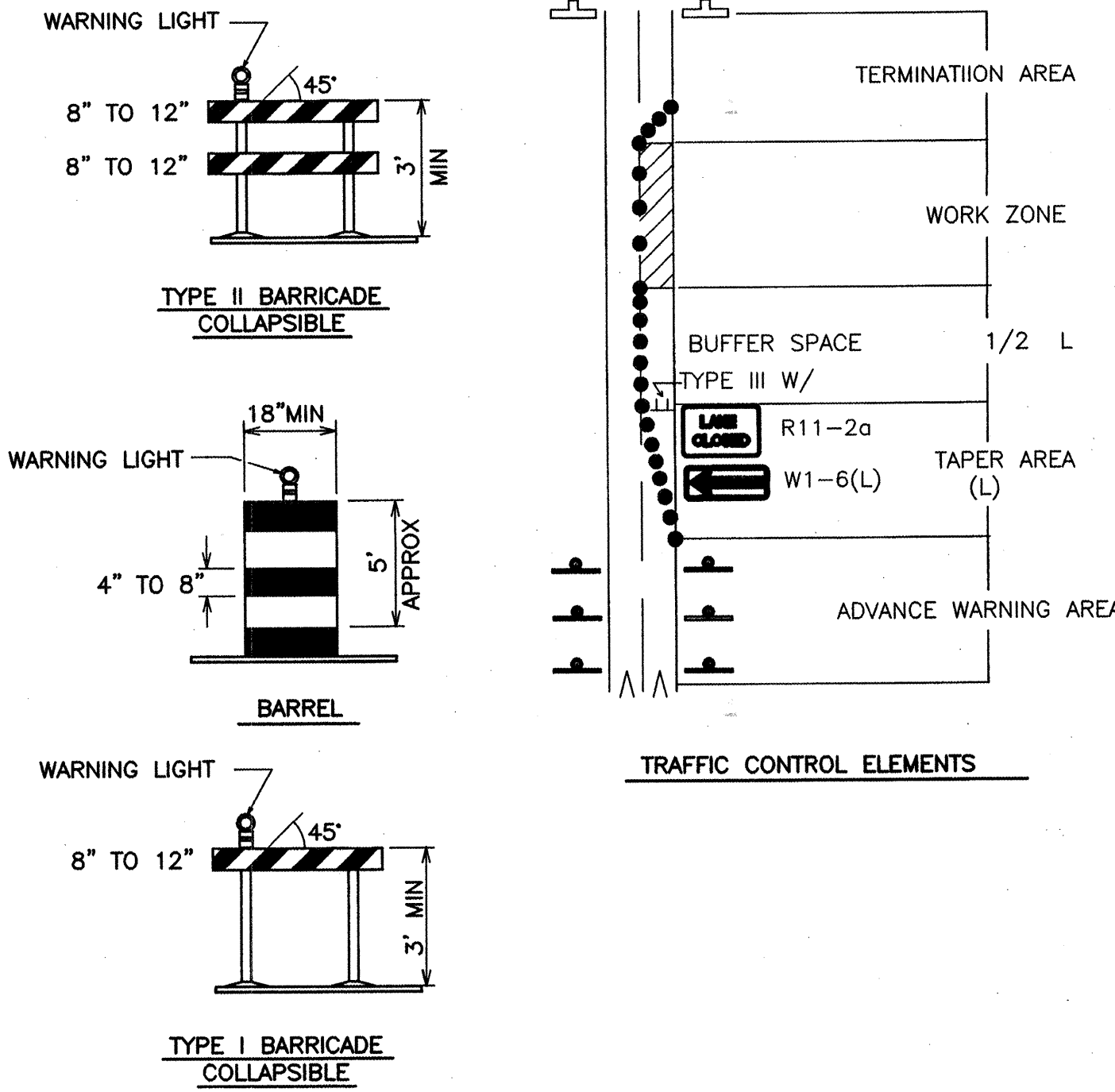
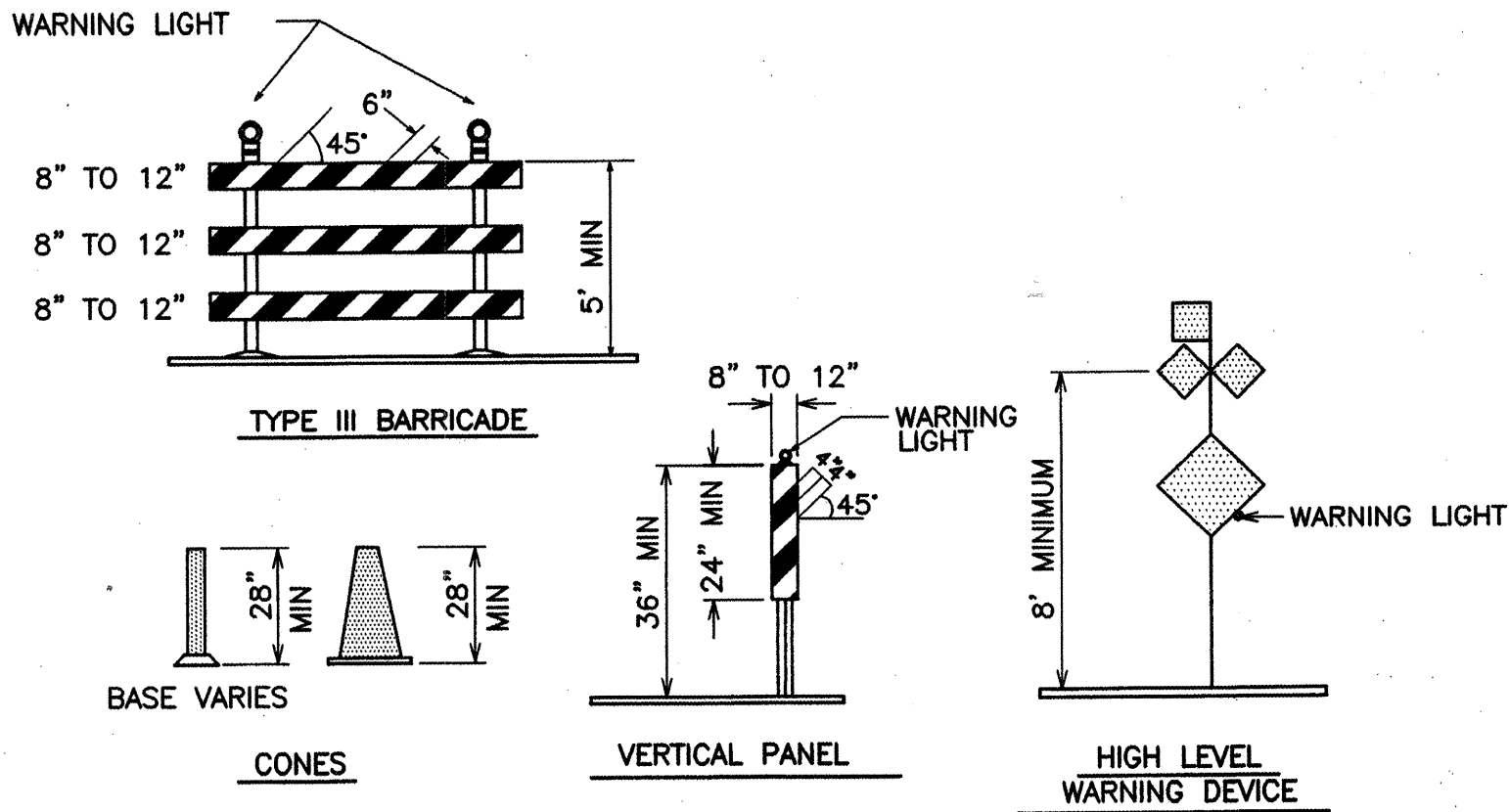
SPECIAL PROJECT TRAFFIC CONTROL NOTES

- ALL LANE CLOSURES ON ARE SUBJECT TO ARTERIAL/COLLECTOR ROAD USAGE FEES OF \$0.01 PER SQUARE FOOT OF BARRICADED AREA PER DAY.
- CONTRACTOR SHALL OBTAIN BARRICADE PERMITS FROM BOTH THE CITY OF ALBUQUERQUE AND NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT WHEN WORKING IN EITHER COORS BLVD. OR ALAMEDA ROAD.
- THERE SHALL BE NO LANE CLOSURES BETWEEN 6:00 A.M. AND 9:00 A.M., AND BETWEEN 3:00 P.M. AND 7:00 P.M. IF THERE ARE CHANGES TO THE TRAFFIC CONTROL PLAN, CONTRACTOR SHALL PROVIDE AN UPDATED, SITE SPECIFIC TRAFFIC CONTROL PLAN TO: KATHERINE TRUJILLO, DISTRICT 3 TRAFFIC ENGINEER, (505) 841-2761; 5 WORKING DAYS PRIOR TO CONSTRUCTION.
- TWO-WAY TRAFFIC MUST BE MAINTAINED ON BOTH COORS BLVD. AND ALAMEDA BLVD. AT ALL TIMES.
- CONTRACTOR'S WORK MUST BE SCHEDULED SO THAT TWO LANES OF SOUTHBOUND COORS BLVD. ARE OPEN TO TRAFFIC BETWEEN 6:00 A.M. AND 9:00 A.M., MONDAY THROUGH FRIDAYS.
- CONTRACTOR'S WORK MUST BE SCHEDULED SO THAT TWO LANES OF NORTHBOUND COORS BLVD. ARE OPEN TO TRAFFIC BETWEEN 3:00 P.M. AND 7:00 P.M., MONDAY THROUGH FRIDAYS.
- CONTRACTOR'S WORK MUST BE SCHEDULED SO THAT TWO LANES OF EASTBOUND ALAMEDA BLVD. ARE OPEN TO TRAFFIC BETWEEN 6:00 A.M. AND 9:00 A.M., MONDAY THROUGH FRIDAYS.
- CONTRACTOR'S WORK MUST BE SCHEDULED SO THAT TWO LANES OF WESTBOUND ALAMEDA BLVD. ARE OPEN TO TRAFFIC BETWEEN 3:00 P.M. AND 7:00 P.M., MONDAY THROUGH FRIDAYS.
- REQUESTS FOR BARRICADE AND EXCAVATION PERMITS MAY BE DENIED OR DELAYED DUE TO OTHER PROJECTS OR SPECIAL EVENTS SCHEDULED IN THE AREA. REQUESTS MAY BE DENIED FOR SUNDAY, APRIL 7, 2002 DUE TO "MAKING STRIDES" WALK ALONG COORS BLVD.

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE BETWEEN SIGNS	MINIMUM DISTANCE FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

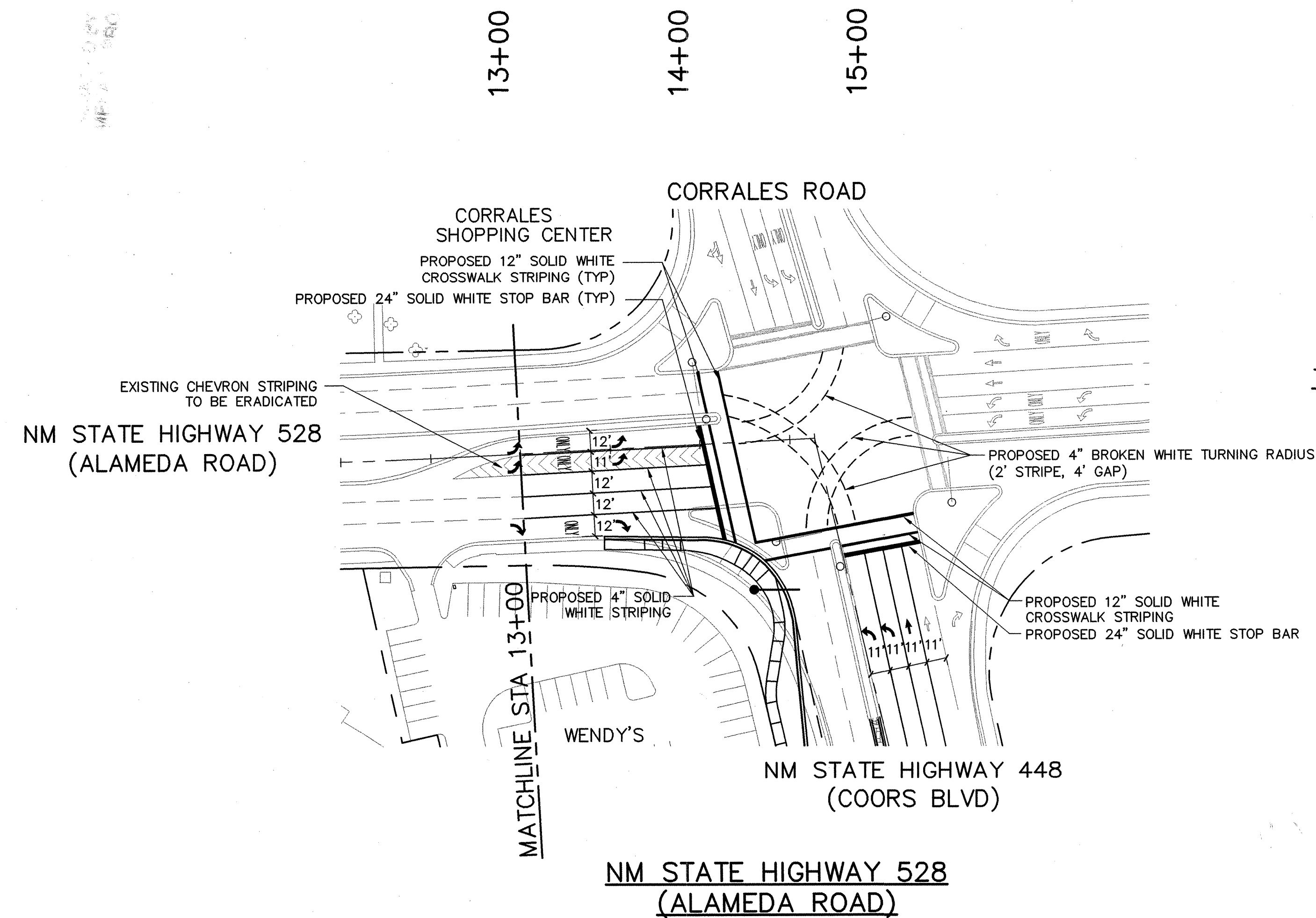
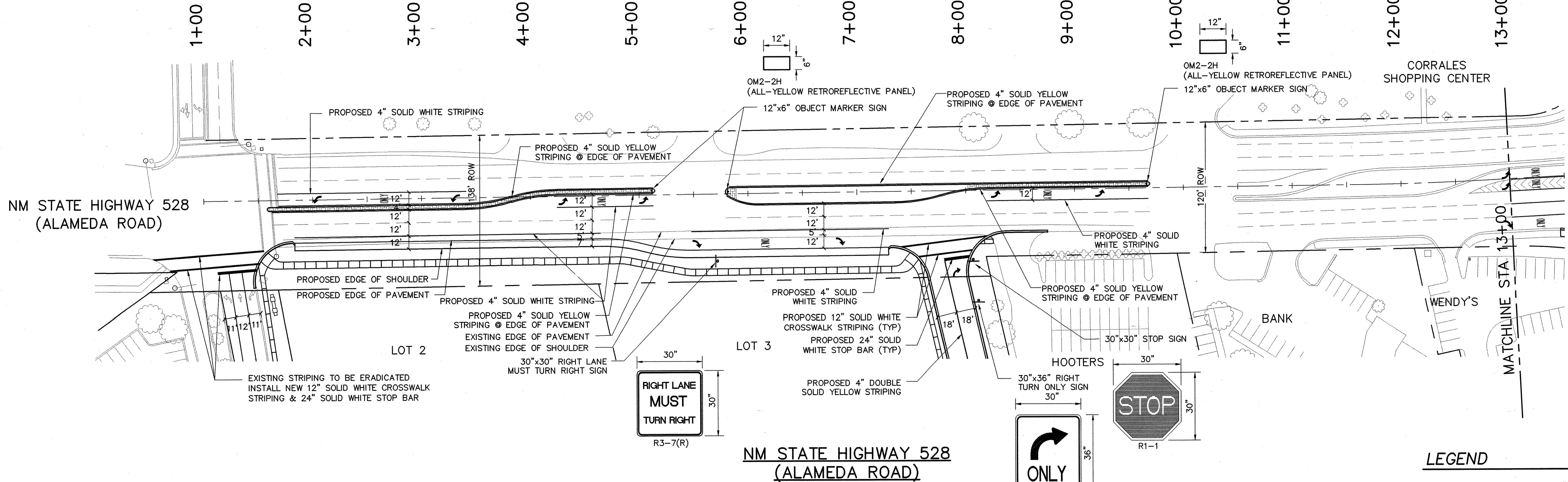
SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

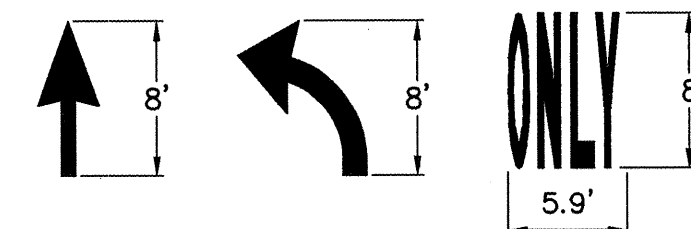
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY		
WORKED BY	DATE	NO.	BY	NO.	BY		
INSPECTED BY	DATE	NO.	BY	NO.	BY		
ACCEPTANCE BY	DATE	NO.	BY	NO.	BY		
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
LOWE'S OF NW ALBUQUERQUE SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
Project No.		Map No.		SHEET OF	
676681		A-14-Z B-14-Z		16 19	

SCANNED BY
MESA REPRO

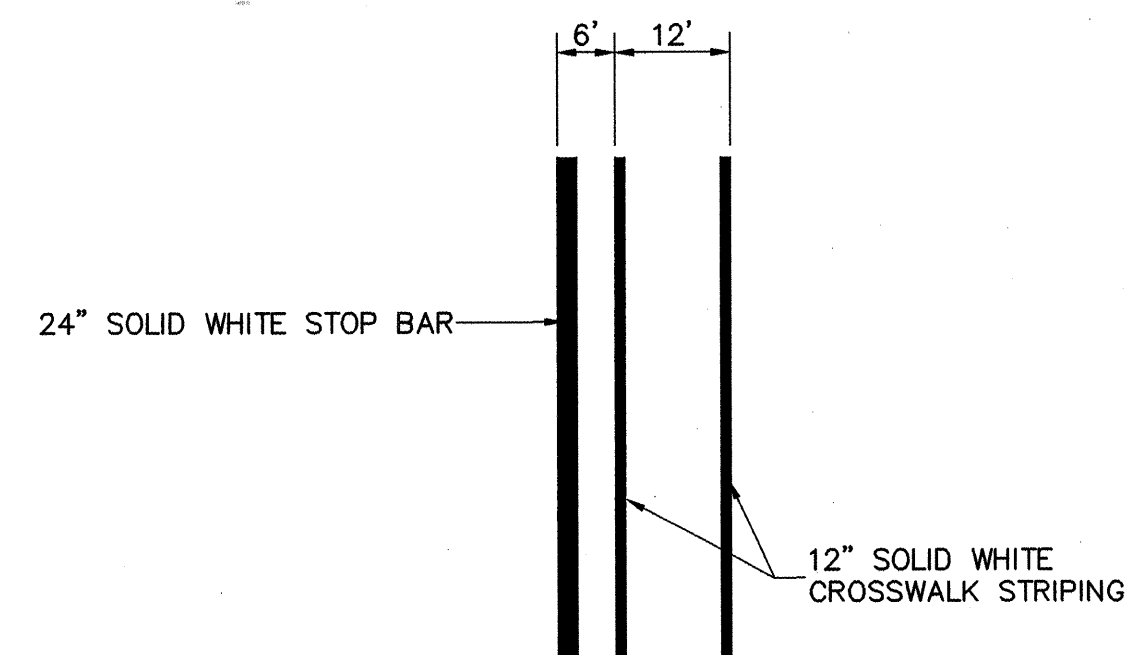


NM STATE HIGHWAY 528
(ALAMEDA ROAD)



NOTE:
ALL ARROW & ONLY PAVEMENT MARKINGS
SHALL BE PAINTED WHITE

TYPICAL ARROW & ONLY DETAIL



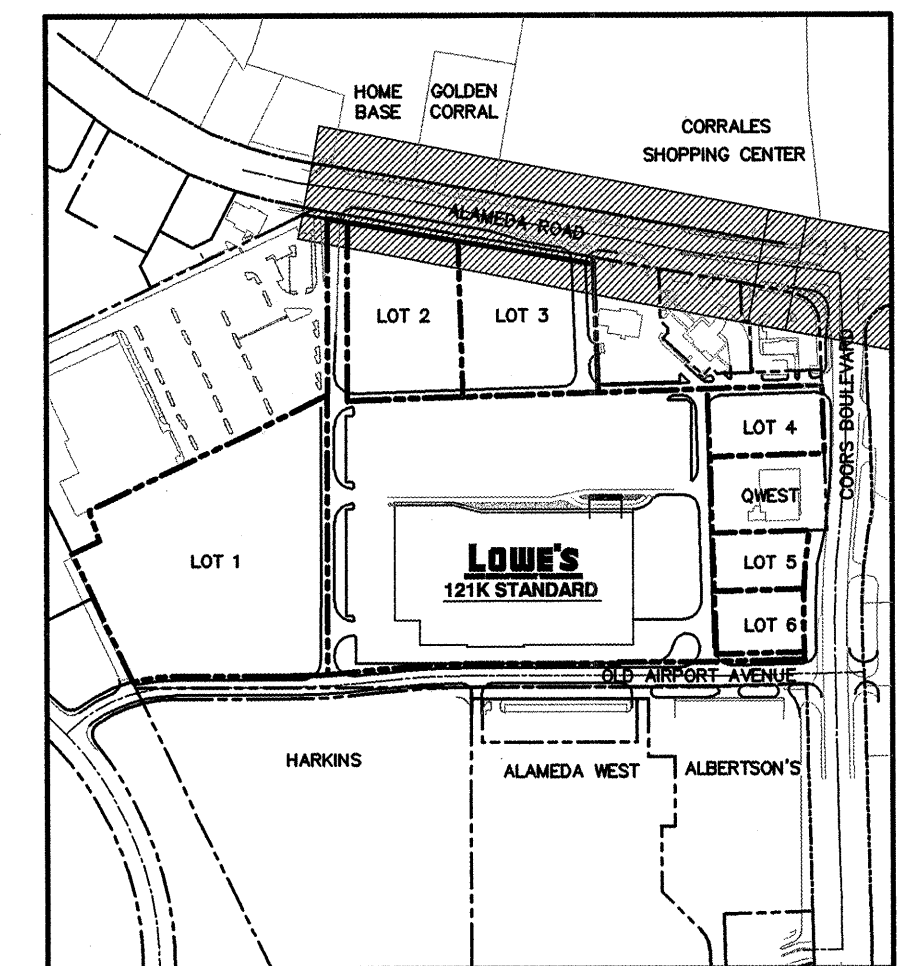
TYPICAL CROSSWALK & STOP BAR DETAIL

NOTES

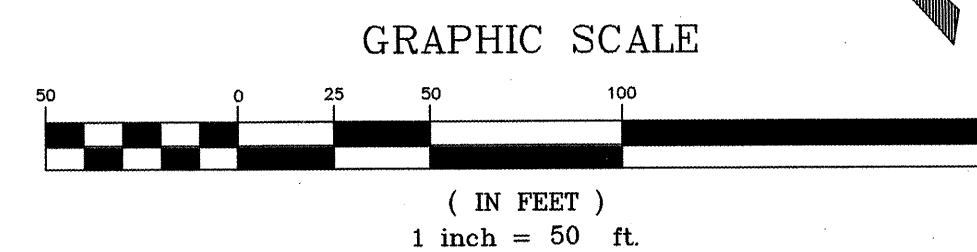
1. PAINT STRIPING SHOULD BE A THREE-COAT APPLICATION.
2. INSTALL ALL SIGNING AND STRIPING PER MUTCD SPECIFICATIONS.
3. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES (MAXIMUM) AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
4. ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
5. RANDY BENNETT, ADVANTAGE BARRICADE & ROADMARKS, LLC STRIPED AND SIGNED THE PROJECT.

LEGEND

- EXISTING 4" BROKEN STRIPE (10' STRIPE, 30' GAP)
- EXISTING 4" SOLID STRIPE
- ↑ EXISTING ARROWS
- EXISTING TRAFFIC SIGNAL
- PROPOSED 4" BROKEN STRIPE (10' STRIPE, 30' GAP)
- PROPOSED 4" SOLID STRIPE
- ↑ PROPOSED ARROWS
- PROPOSED SIGN
- PROPOSED TRAFFIC SIGNAL



KEY



GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.