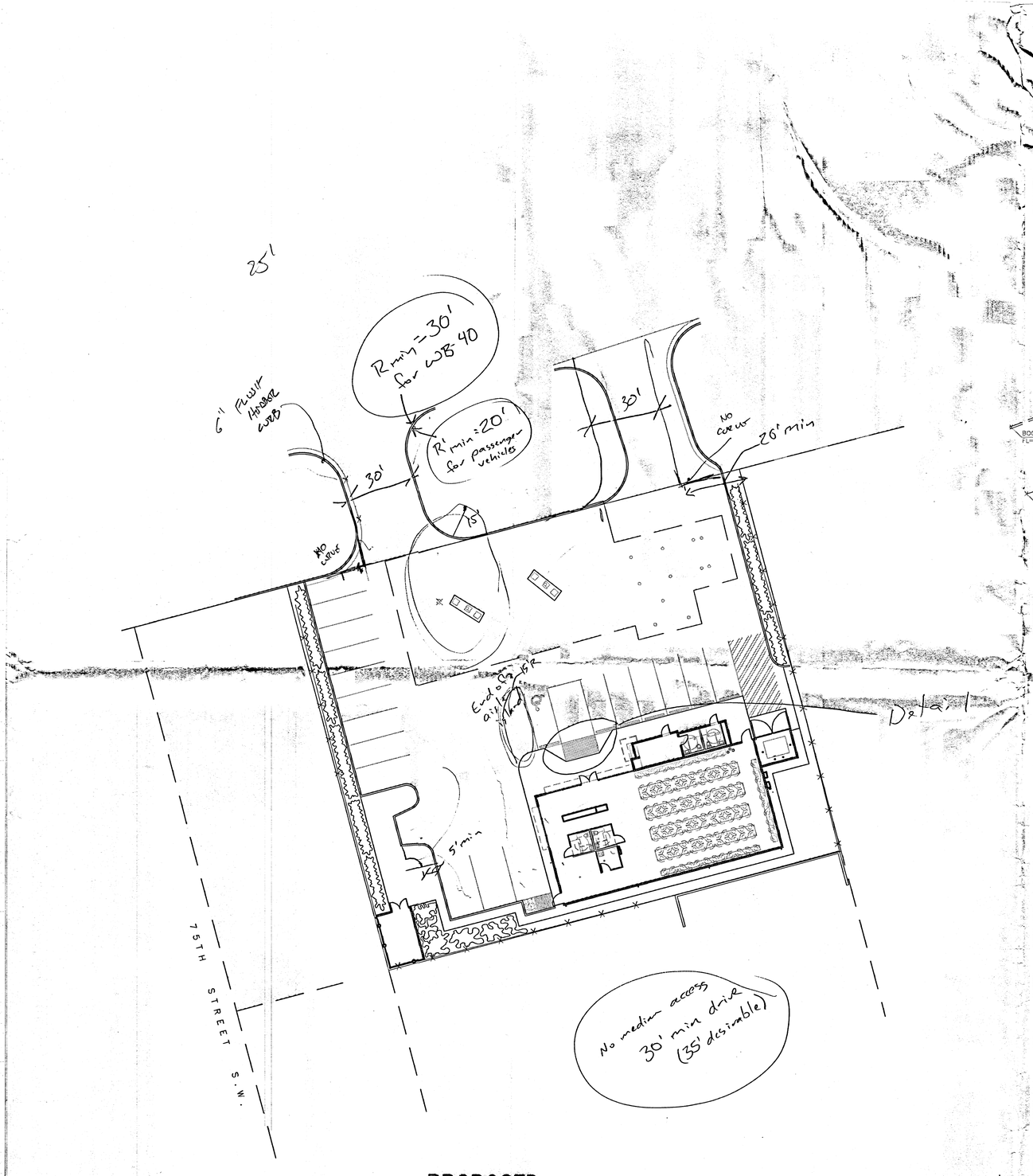
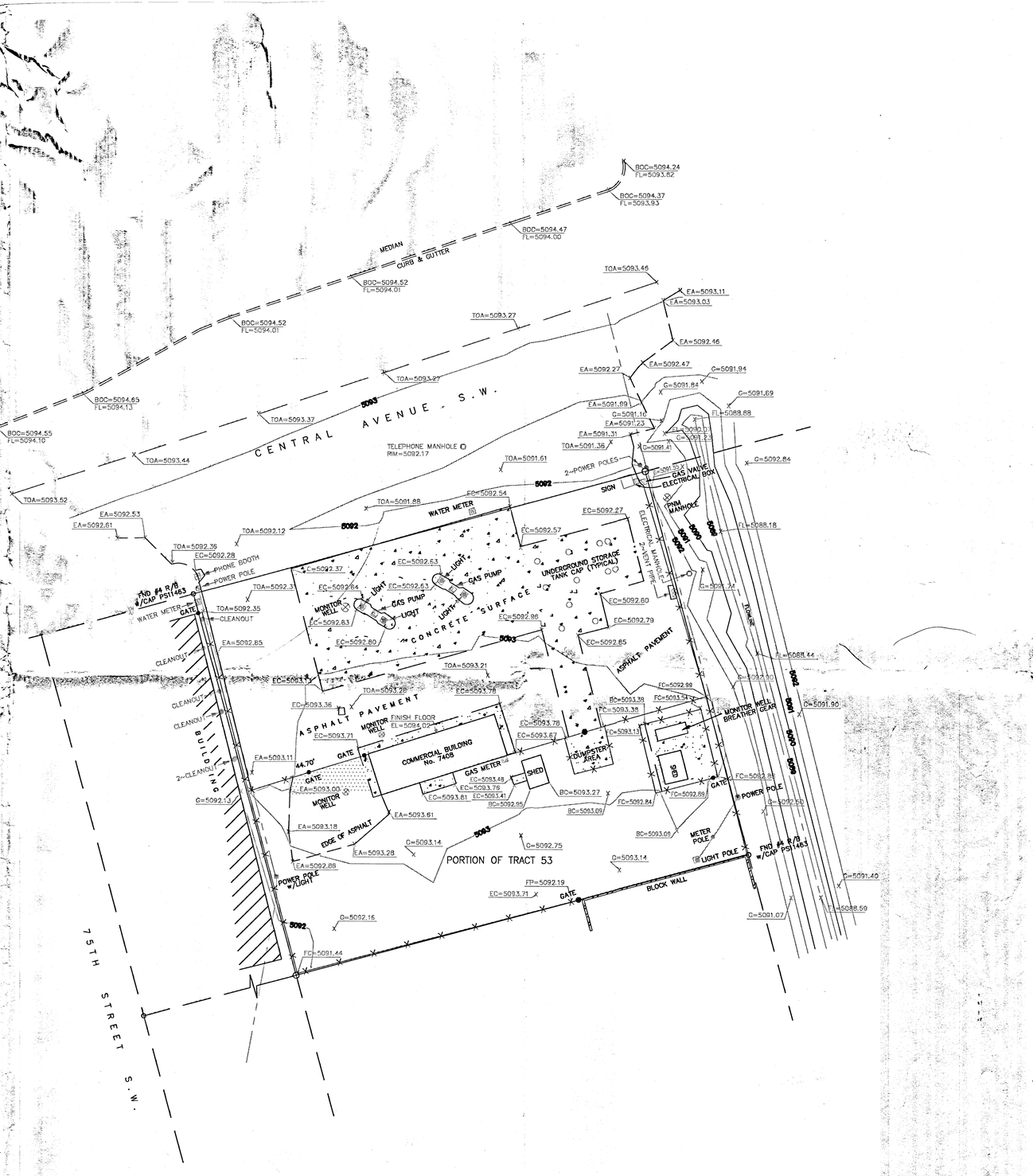
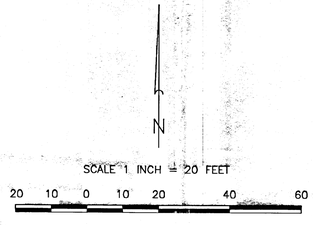
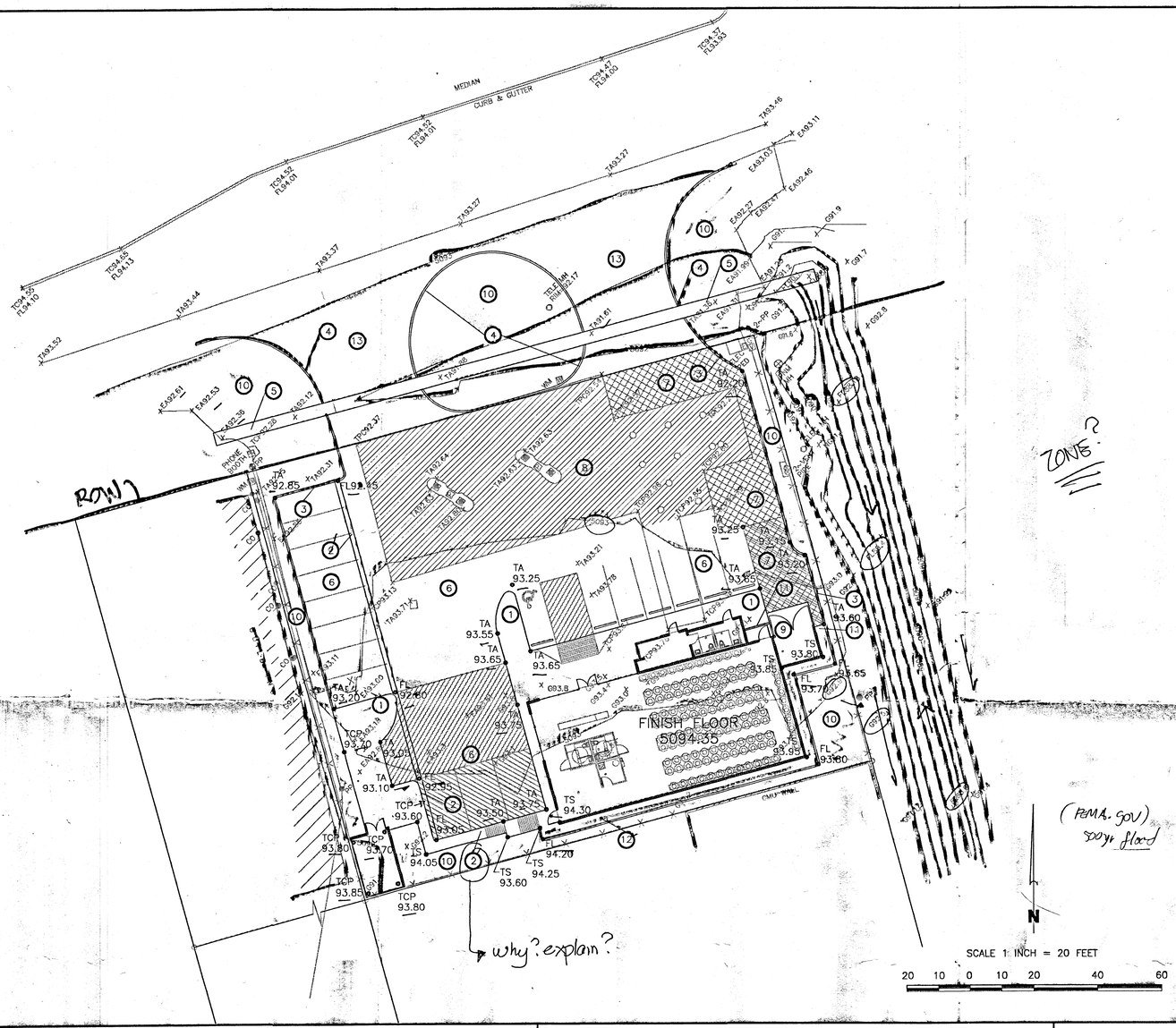


PROPOSED



EXISTING





KEYED NOTES

1. TURNDOWN SIDEWALK. SEE DETAIL SHEET C2.2.
2. VALLEY GUTTER. SEE DETAIL SHEET C2.2.
3. HEADER CURB. FLATTEN TO DRAIN AT OUTLET. SEE DETAIL SHEET C2.2
4. MODIFIED HEADER CURB. TOP OF CURB TO BE FLUSH WITH EXISTING APHALT.
5. MODIFIED CONCRETE VALLEY GUTTER. SEE NOTE ON DETAIL SHEET C2.2.
6. ASPHALT PAVEMENT – LIGHT DUTY. SEE DETAIL SHEET C2.2.
7. ASPHALT PAVEMENT – HEAVY DUTY. CROSSHATCHED AREA. SEE DETAIL SHEET C2.2.
8. EXISTING CONCRETE PAVEMENT, TO REMAIN. BROKEN HATCHED AREA.
9. REFUSE ENCLOSURE. SEE GRADING INFORMATION ON SHEET C2.2.
10. LANDSCAPE
11. 6" WIDE SIDEWALK CULVERT. ALIGN WITH DOWNSPOUT. SEE DETAIL SHEET C2.2.
12. ~~3' WIDE CONCRETE CHANNEL – SEE DETAIL SHEET C2.2.~~
13. EXISTING ASPHALT TO REMAIN.

DRAINAGE DATA

1. THE SITE IS PRESENTLY DEVELOPED AND USED AS A GAS STATION. THE GASOLINE PUMPING AREA CONCRETE AND PUMP ISLANDS WILL BE RETAINED AND THE REST OF THE SITE WILL BE RAZED AND RECONSTRUCTED TO BE USED AS A COMBINED GAS STATION AND TIRE STORE. DRAINAGE IS PRESENTLY DISCHARGED FROM THE SITE TO THE NORTH TO PUBLIC ROW AND TO THE SOUTH AND EAST TO PRIVATE PROPERTY. ALL DRAINAGE WILL BE REDIRECTED TO THE CENTRAL AVE. ROW. DEVELOPMENT OF THE CENTRAL AVE. ROADWAY SECTION WILL DISRUPT FLOWS FROM THE WEST. THEREFORE, PROPOSED CONSTRUCTION WITHIN THE ROW IS LIMITED TO DELINEATION.

2. THERE IS FLOW INCREASE OF ~~10.21~~ AND ~~42.7 CFS~~ FOR THE ~~10~~ YEAR AND ~~100 YEAR~~ STROMS RESPECTIVELY AND THE ~~6~~-HOUR RUNOFF VOLUMES FOR THE ~~10~~-YEAR AND ~~100~~-YEAR STORM INCREASE BY ~~699~~ AND ~~496~~ CUBIC FEET RESPECTIVELY.

3. THE SITE IS LOCATED IN A 'ZONE X' PER FEMA FIRM MAP NO. 329, DATED NOVEMBER, 2003.

4. TOPO SURVEY DATA SHOWN ON THIS DRAWING WAS OBTAINED BY HARRIS SURVEYING, INC., DATED DECEMBER, 2007.

GRADING NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

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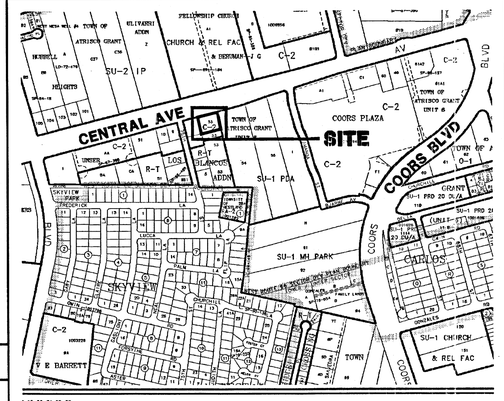
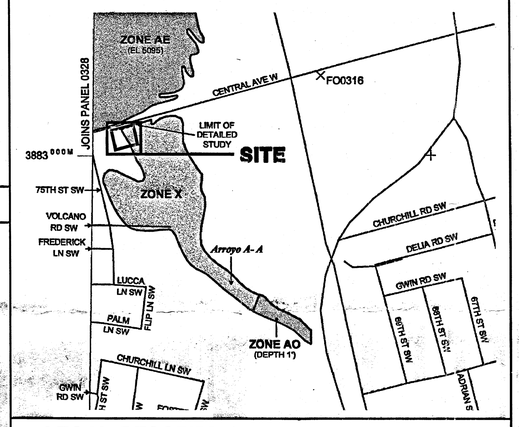
3. THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.

VICINITY MAP K-10



FEM FIRM PANEL NO. 329



LEGAL DESCRIPTION

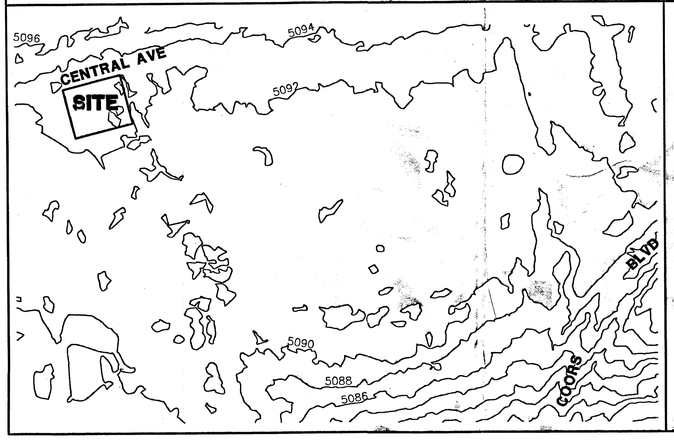
A PORTION OF TRACT 53, UNIT 6, TOWN OF ATRISCO GRANT

PERMANENT BENCHMARK

ACS 7-K10 ELEVATION 5097.854 (NAVD 1988)

OFFSITE DRAINAGE MAP

SCALE 1" = 500'



LEGEND

TBM	TEMPORARY BENCHMARK	GM	GAS MATER
G	GROUND	GV	GAS VALVE
FF	FINISH FLOOR	LP	LIGHT POLE
FG	FINISH GRADE	PP	POWER POLE
FL	FLOWLINE	GW	GUY WIRE
TA	TOP OF ASPHALT	PED	ELEC. OR TEL. PEDESTAL
TCP	TOP OF CONCRETE	RD	ROOF DRAINAGE POINT
TC	TOP OF CURB		FEMA FLOODPLAIN BOUNDARY
TP	TOP OF EARTH PAD		DRAINAGE BASIN BOUNDARY
TS	TOP OF SIDEWALK		EROSION SETBACK LINE
TW	TOP OF WALL		EXISTING CONTOUR
FH	FIRE HYDRANT		PROPOSED CONTOUR
WM	WATER METER	XX.XX	EXISTING SPOT ELEVATION
WV	WATER VALVE	XX.XX	PROPOSED SPOT ELEVATION
MH	MANHOLE	XX.XX / XX.XX	RECORD SPOT ELEVATION
CB	CATCH BASIN GRATE		

DRAINAGE DATA

CONDITION	BASIN	STORM RETURN PERIOD	TREATMENT TYPE (table 4)	TREATMENT AREA sq. ft.	EXCESS PRECIPITATION (table 8) in.	PEAK RUNOFF (table 9) cfs/acre	RUNOFF VOLUME cu. ft.	RUNOFF RATE Qp=QPA+B cfs
Zone 1		year						
EXISTING	SITE	10	A	0	0.08 ✓	0.24 ✓	0	0.00
			B	(.09) 4135	0.22 ✓	~~0.76~~	~~76~~	~~0.07~~
			C	(.09) 3850	0.44 ✓	1.49 ✓	~~141~~	~~0.13~~
			D	(.34) 14935	1.24 ✓	~~2.89~~	~~1543~~	~~0.99~~
			TOTAL	(.53) 22920			1760	~~1.19~~
		100	A	0	0.44 ✓	1.29 ✓	0	0.00
			B	4135	0.67 ✓	~~2.03~~ ✓	~~231~~	~~0.19~~ ✓
			C	3850	0.99 ✓	~~2.87~~ ✓	~~318~~ ✓	~~0.25~~ ✓
			D	14935	1.97 ✓	~~4.37~~ ✓	2452	~~1.60~~ ✓
			TOTAL	22920			3000	1.94 ✓
							3881	
DEVELOPED	SITE	10	A	0	0.08 ✓	0.24 ✓	0	0.00 ✓
			B	2465	0.22 ✓	~~0.76~~ ✓	~~145~~	~~0.04~~ ✓
			C	0	0.44 ✓	1.49 ✓	0	0.00 ✓
			D	20455	1.24 ✓	~~2.89~~ ✓	2114	~~1.36~~ ✓
			TOTAL	22920			2159	1.40
		100	A	0	0.44 ✓	1.29 ✓	0	0.00 ✓
			B	2465	0.67 ✓	~~2.03~~ ✓	138	~~0.11~~ ✓
			C	0	0.99 ✓	2.87 ✓	0	0.00 ✓
			D	20455	1.97 ✓	~~4.37~~ ✓	3358	~~2.65~~ ✓
			TOTAL	22920			3496	2.17 ✓

Peerless Tire II

on 9-mile hill

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ARCHITECT
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87102
TEL 505.243.8100
FAX 505.843.8820

NO. 5110 REGISTERED PROFESSIONAL ENGINEER

date: April 25, 2008
drawn by: meto

RECEIVED
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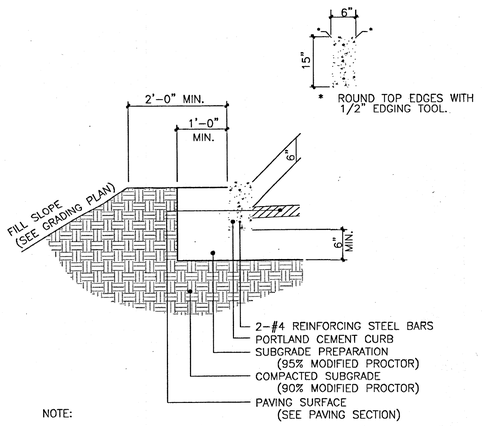
HYDROLOGY SECTION

revisions

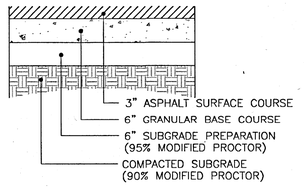
HEADER CURB



NOTE:

PROVIDE CONTRACTION JOINTS AT 5 FEET ON CENTER AND EXPANSION JOINTST AT 50 FEET ON CENTER UNLESS OTHERWISE STATED ON SITE PLANS OR IF CURB ABUTS SIDEWALK; WHERE CURB JOINTS SHALL MATCH SIDEWALK JOINTS.

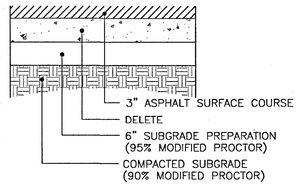
PAVEMENT (HEAVY DUTY)



NOTES:

1. ASPHALT MIX SHALL USE NMDOT DESIGN w/ 3/4" AGGREGATE AND HAVE A MARSHALL STABILITY GREATER THAN 1800 LBS.
2. ASPHALT CONCRETE COURSES GREATER THAN 3" IN THICKNESS SHALL BE PLACED WITH MULTIPLE LIFTS. MINIMUM LIFT THICKNESS 1 1/2".

PAVEMENT (LIGHT DUTY)



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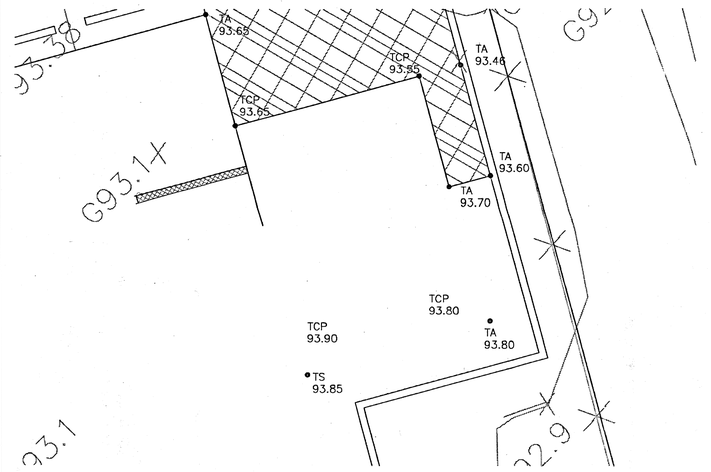
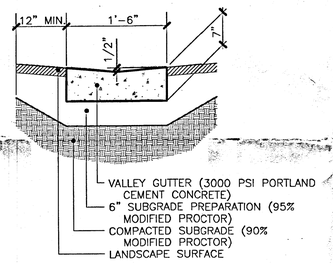
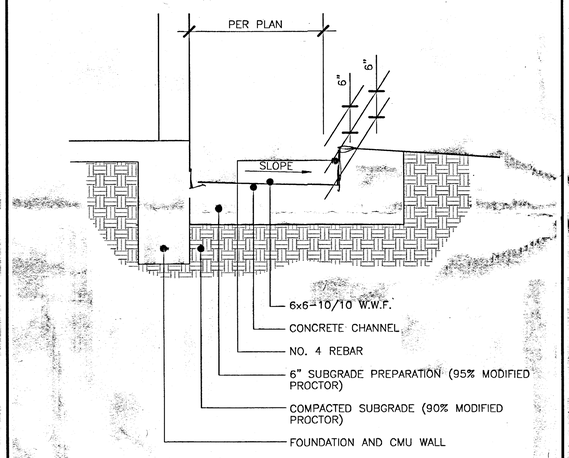


VALLEY GUTTER

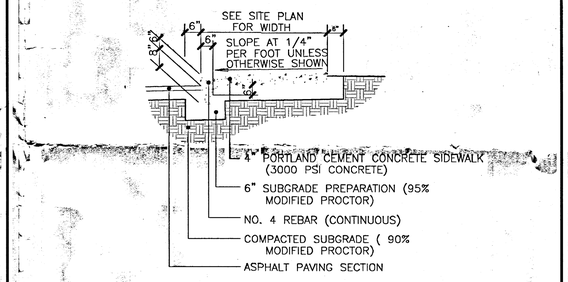
NORTH-SOUTH ONSITE VALLEY GUTTER SHOWN. EAST-WEST OFFSITE VALLEY GUTTER SHALL BE 4' WIDE, HAVE A MINIMUM THICKNESS OF 8" AND THE SURFACE SECTION SHALL MATCH THE EXISTING ASPHALT SWALE AND HAVE 18" DEEP x8" THICK CUTOFF WALLS AT EACH END.



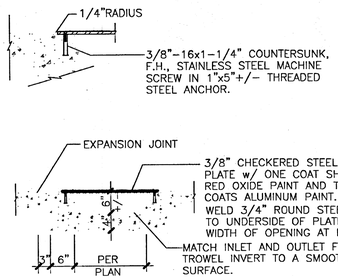
CHANNEL



TURNDOWN SIDEWALK



SIDEWALK CULVERT



NOTES:

1. AT INSTALLATIONS WHERE THE SIDEWALK PENETRATES A CURB FACE THE GUTTER SHALL BE POURED MONOLITHICALLY WITH SIDEWALK CULVERT.
2. THE MAXIMUM WIDTH OF CULVERT OPENING IS 24". AT MULTI-BARREL INSTALLATIONS THE BARRELS SHALL BE SEPARATED BY A 9" WIDE CONCRETE WALL.
3. VISIBLE CONCRETE SURFACES OF THE SIDEWALK CULVERT SHALL MATCH THE COLOR AND TEXTURE OF THE ADJACENT SIDEWALK.

Peerless Tire II

on 9-mile hill

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ARCHITECT
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ALBUQUERQUE, NEW MEXICO
87102
TEL 505.243.8100
FAX 505.843.6820

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER AND SURVEYOR NO. 5110

date: April 25, 2008

drawn by: meto

revisions:

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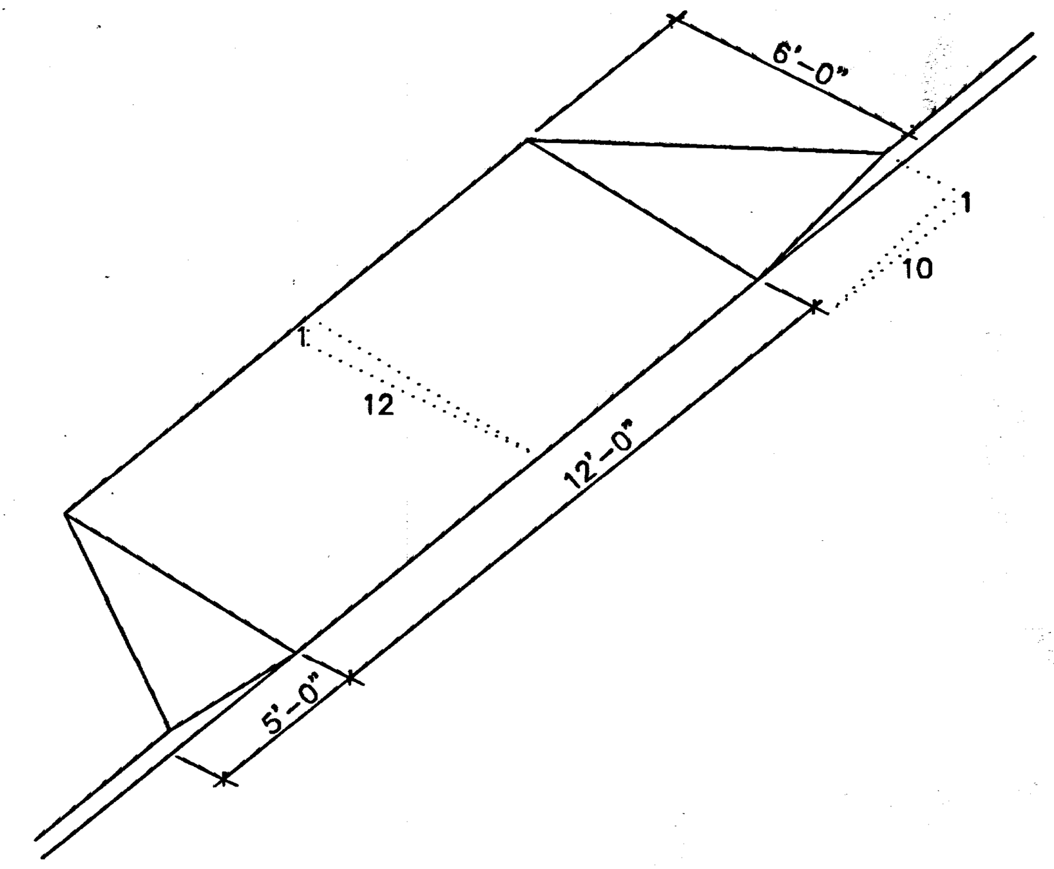
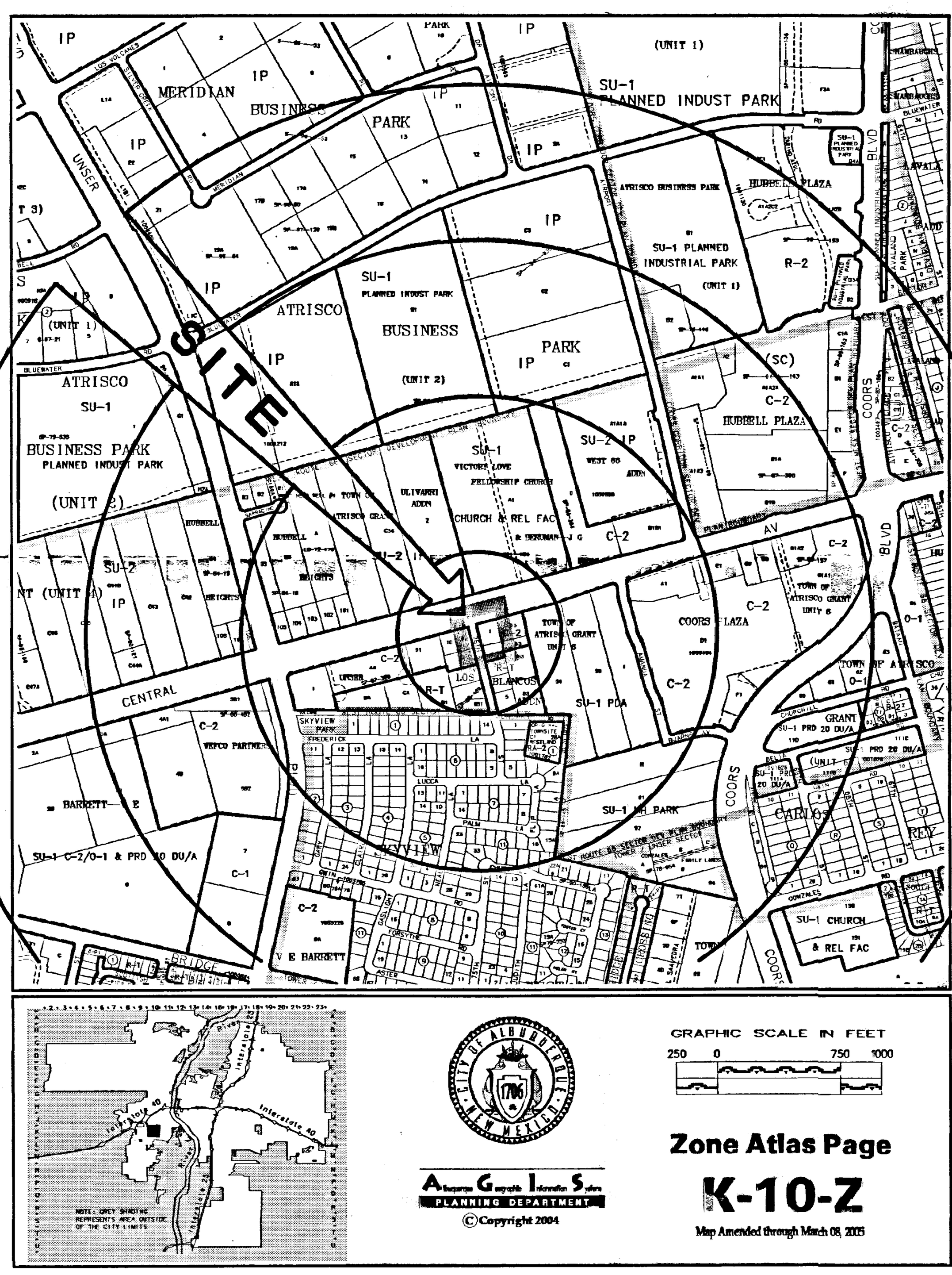
HYDROLOGY SECTION



HANDICAP RAMP CUT

2 TCL

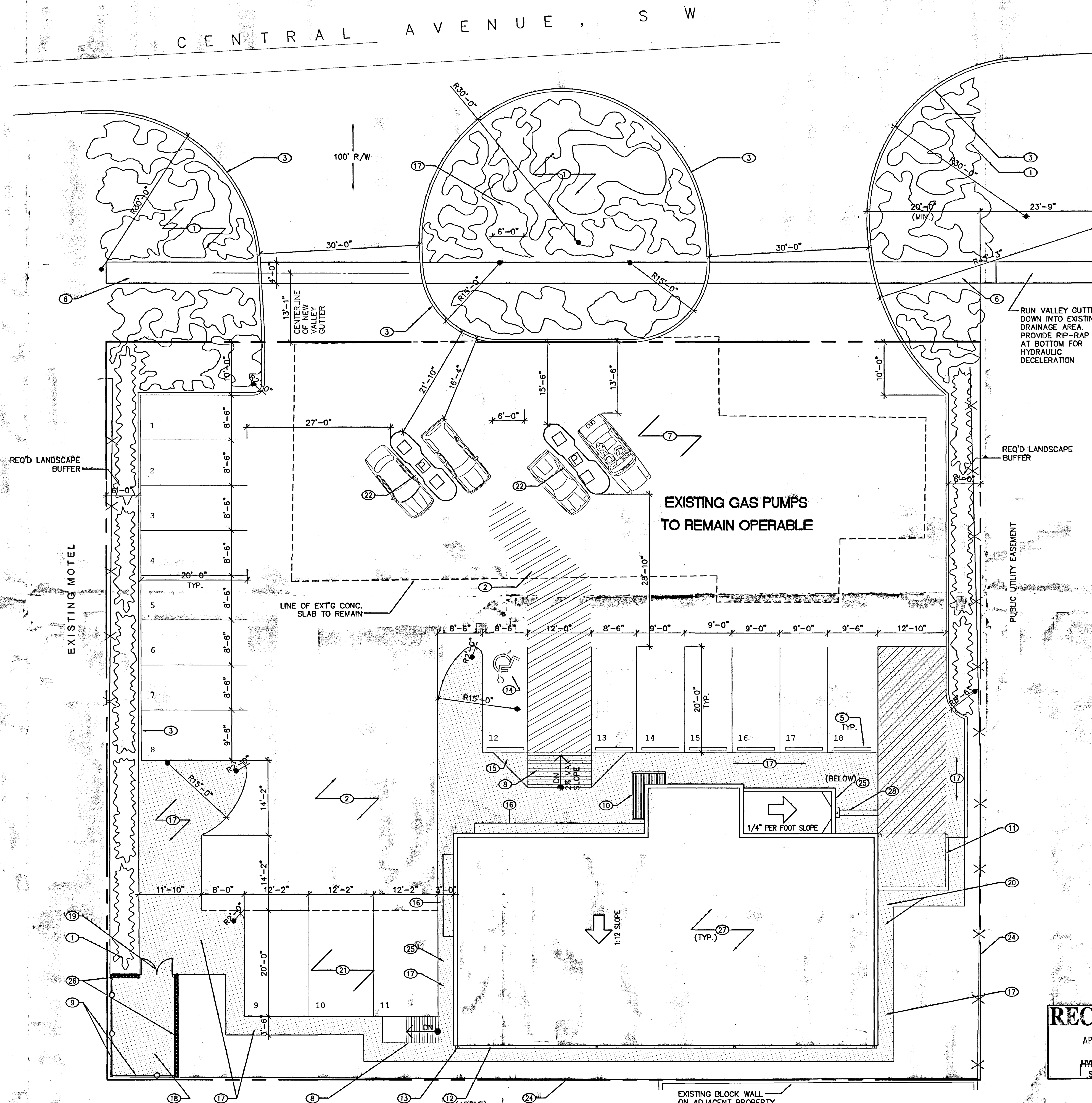
SCALE: NTS



ZONE ATLAS MAP

SCALE: 1"=10,000'

NORTH



SITE PLAN/ROOF PLAN

1 TCL

SCALE: 1"=10'

NORTH

GENERAL NOTES

1. DO NOT SCALE DRAWINGS
2. CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
3. VERIFY EXISTING CONDITIONS IN FIELD. BRING DISCREPANCIES TO ATTENTION OF ARCHITECT
4. DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED
5. F.F. INDICATES THAT THE DIMENSION IS A CRITICAL FINISHED DIMENSION MEASURED FROM FINISHED FACE TO FINISHED FACE
6. EXISTING GROUND FLOOR SLAB ELEVATION INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE MEASURED FROM THIS POINT

KEYED NOTES ○

1. LANDSCAPE AREA, SEE LANDSCAPE DRAWINGS. LANDSCAPING INSIDE CITY RIGHT-OF-WAY SHALL IN NO WAY IMPEDE SIGHT LINES OR THE CLEAR SIGHT TRIANGLES REQUIRED AT DRIVEWAYS
2. 4" WIDE PAINT STRIPING
3. CONCRETE HEADER CURB FLUSH W/ TOP OF ASPHALT, RE: CIVIL C2.2
4. PAVING RE: CIVIL C2.2
5. CONCRETE OR RECYCLED PLASTIC CURB STOP
6. NEW 4'-0" WIDE CONCRETE VALLEY GUTTER, REF. CIVIL SHEET C2.2
7. EXISTING CONCRETE PAD TO REMAIN
8. ACCESSIBLE CURB RAMP RE: 1/C1.3
9. CHAIN LINK STORAGE ENCLOSURE WITH VINYL STRIPS, TAN COLOR, HEIGHT TO MATCH DUMPSTER ENCLOSURE
10. STEEL TRANSACTION CANOPY
11. DUMPSTER ENCLOSURE AND CONCRETE PAD RE: 4,5,6/C1.3
12. GUTTER RE: 1/A4.1
13. DOWNSPOUT RE: 1/A4.1
14. PAINTED WHEELCHAIR SYMBOL AT REAR OF PARKING SPACE, BLUE COLOR
15. LOCATION OF ACCESSIBLE PARKING SIGN RE: 2/C1.1
16. OUTLINE OF AWNING ABOVE, SEE 2/A4.1 FOR DETAILS
17. CONCRETE SIDEWALK RE: CIVIL, LIGHT BROOM FINISH
18. CONCRETE PAD AT TIRE STORAGE. SLOPE TO DRAIN.
19. HOLLOW METAL DOORS IN CMU WALL. DEADBOLT KEYED TO BUILDING LOCKS
20. LOCATION OF MAIN SERVICE DISCONNECT AND CONNECTION TO ELECTRICAL SERVICE RE: ELECTRICAL
21. CONCRETE PAVING IN TIRE INSTALLATION AREA RE: CIVIL
22. LOCATION OF EXISTING GAS PUMP ISLAND TO REMAIN
23. EXISTING LIGHT POLE TO REMAIN
24. EXISTING FENCE TO REMAIN
25. LOCATION OF FREEZE PROOF HOSE BIBB RE: PLUMBING
26. CMU WALLS AT TIRE STORAGE TO MATCH DUMPSTER ENCLOSURE
27. T.P.O. MEMBRANE ROOF
28. SIDEWALK CULVERT W/ STEEL PLATE COVER

TRAFFIC CIRCULATION LAYOUT APPROVED

Signed 5/9/08 Date

Public Infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

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STATE OF NEW MEXICO
G. DONALD DUDLEY, JR.
No. 3673
04/21/2008
REGISTERED ARCHITECT

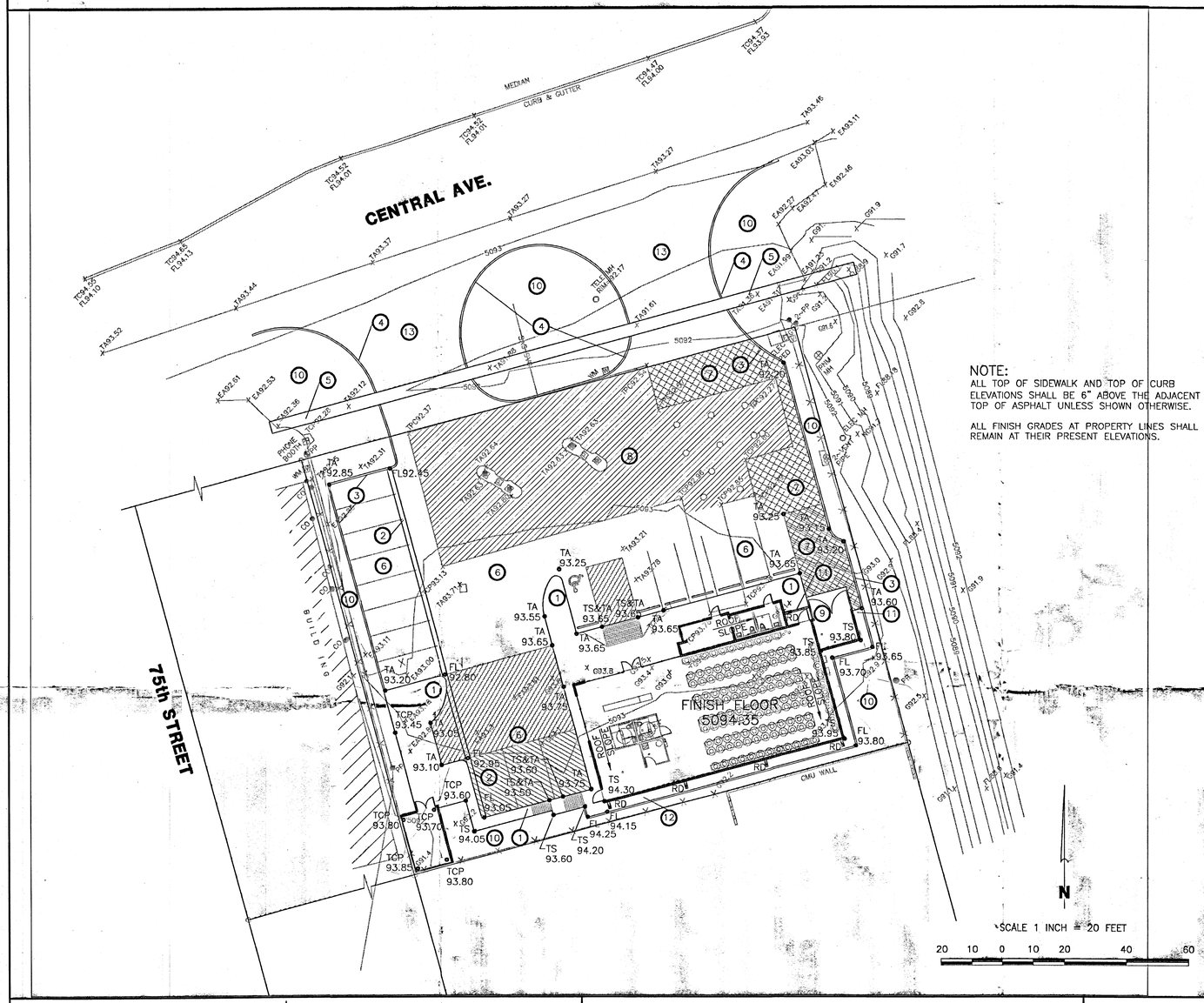
revisions:

date: April 25, 2008

drawn by: GDD, rl

TCL

sequence no. of:



NOTE:
ALL TOP OF SIDEWALK AND TOP OF CURB ELEVATIONS SHALL BE 6" ABOVE THE ADJACENT TOP OF ASPHALT UNLESS SHOWN OTHERWISE.

ALL FINISH GRADES AT PROPERTY LINES SHALL REMAIN AT THEIR PRESENT ELEVATIONS.

KEYED NOTES

1. TURNDOWN SIDEWALK. SEE DETAIL SHEET C2.2.
2. VALLEY GUTTER. FLATTEN TO DRAIN AT OUTLET. SEE DETAIL SHEET C2.2.
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2. THE SITE IS LOCATED IN RAINFALL ZONE 1. THERE IS FLOW INCREASE OF 0.21 AND .23 CFS FOR THE 10 YEAR AND 100 YEAR STORMS RESPECTIVELY AND THE 6 HOUR RUNOFF VOLUMES FOR THE 10 YEAR AND 100 YEAR STORMS INCREASE BY 399 AND 496 CUBIC FEET RESPECTIVELY.

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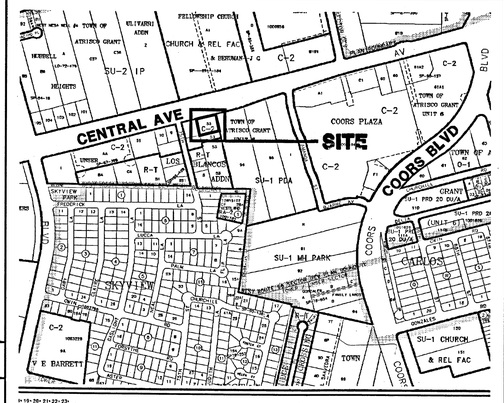
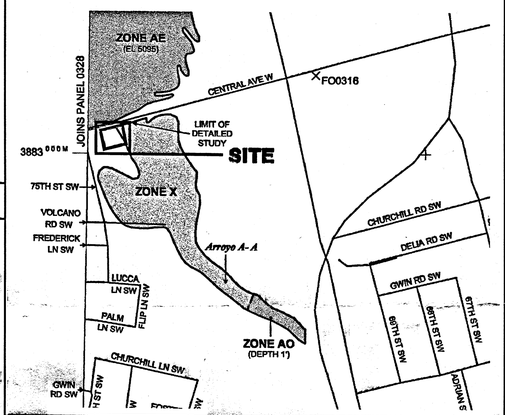
VICINITY MAP K-10



FEM FIRM PANEL NO. 329



LEGAL DESCRIPTION

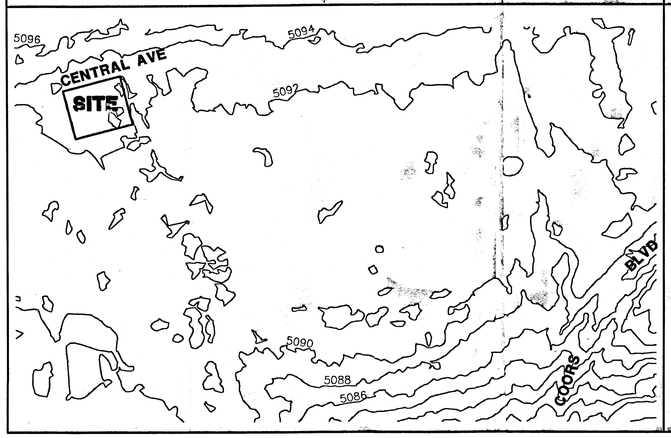
A PORTION OF TRACT 53, UNIT 6, TOWN OF ATRISCO GRANT

PERMANENT BENCHMARK

ACS 7-K10 ELEVATION 5097.854 (NAVD 1988)

OFFSITE DRAINAGE MAP

SCALE 1" = 500'



LEGEND

TBM	TEMPORARY BENCHMARK	GM	GAS MATER
G	GROUND	GV	GAS VALVE
FF	FINISH FLOOR	LP	LIGHT POLE
FG	FINISH GRADE	PP	POWER POLE
FL	FLOWLINE	GW	GUY WIRE
TA	TOP OF ASPHALT	PED	ELEC. OR TEL. PEDESTAL
TCP	TOP OF CONCRETE	RD	ROOF DRAINAGE POINT
TC	TOP OF CURB		FEMA FLOODPLAIN BOUNDARY
TP	TOP OF EARTH PAD		DRAINAGE BASIN BOUNDARY
TS	TOP OF SIDEWALK		EROSION SETBACK LINE
TW	TOP OF WALL		EXISTING CONTOUR
FH	FIRE HYDRANT		PROPOSED CONTOUR
WM	WATER METER	XX.XX	EXISTING SPOT ELEVATION
WV	WATER VALVE	XX.XX	PROPOSED SPOT ELEVATION
MH	MANHOLE	XX.XX	RECORD SPOT ELEVATION
CB	CATCH BASIN GRATE		

DRAINAGE DATA

CONDITION	BASIN	STORM RETURN PERIOD	TREATMENT TYPE (table 4)	TREATMENT AREA sq. ft.	EXCESS PRECIPITATION (table 8) in.	PEAK RUNOFF (table 9) cfs/acre	RUNOFF VOLUME cu. ft.	RUNOFF RATE cfs
-	-	year	-					
EXISTING	SITE	10	A	0	0.08	0.24	0	0.00
			B	1.8% 4135	0.22	0.76	76	0.07
			C	16.8% 3850	0.44	1.49	141	0.13
			D	65.2% 14935	1.24	2.89	1543	0.99
			TOTAL	65.16 22920			1760	1.19
		100	A	0	0.44	1.29	0	0.00
			B	4135	0.67	2.03	231	0.19
			C	3850	0.99	2.87	318	0.25
			D	14935	1.97	4.37	2452	1.50
			TOTAL	22920			3000	1.94
DEVELOPED	SITE	10	A	0	0.08	0.24	0	0.00
			B	10.75% 2465	0.22	0.76	45	0.04
			C	0	0.44	1.49	0	0.00
			D	89.25% 20455	1.24	2.89	2114	1.36
			TOTAL	22920			2159	1.40
		100	A	0	0.44	1.29	0	0.00
			B	2465	0.67	2.03	138	0.11
			C	0	0.99	2.87	0	0.00
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NO. 5110 REGISTERED PROFESSIONAL ENGINEER

date: May 27, 2008
drawn by: meto

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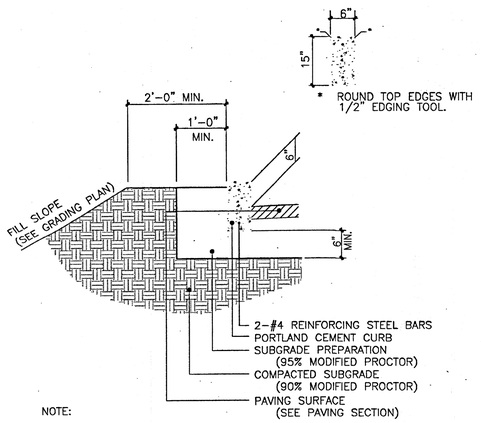
HYDROLOGY SECTION

revisions:

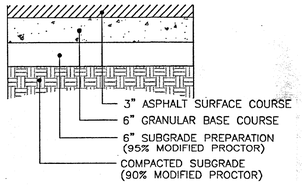
HEADER CURB



NOTE:

PROVIDE CONTRACTION JOINTS AT 5 FEET ON CENTER AND EXPANSION JOINTST AT 50 FEET ON CENTER UNLESS OTHERWISE STATED ON SITE PLANS OR IF CURB ABUTS SIDEWALK; WHERE CURB JOINTS SHALL MATCH SIDEWALK JOINTS.

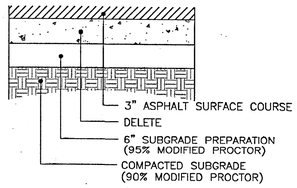
PAVEMENT (HEAVY DUTY)



NOTES:

1. ASPHALT MIX SHALL USE NMDOT DESIGN w/ 3/4" AGGREGATE AND HAVE A MARSHALL STABILITY GREATER THAN 1800 LBS.
2. ASPHALT CONCRETE COURSES GREATER THAN 3" IN THICKNESS SHALL BE PLACED WITH MULTIPLE LIFTS. MINIMUM LIFT THICKNESS 1 1/2".

PAVEMENT (LIGHT DUTY)



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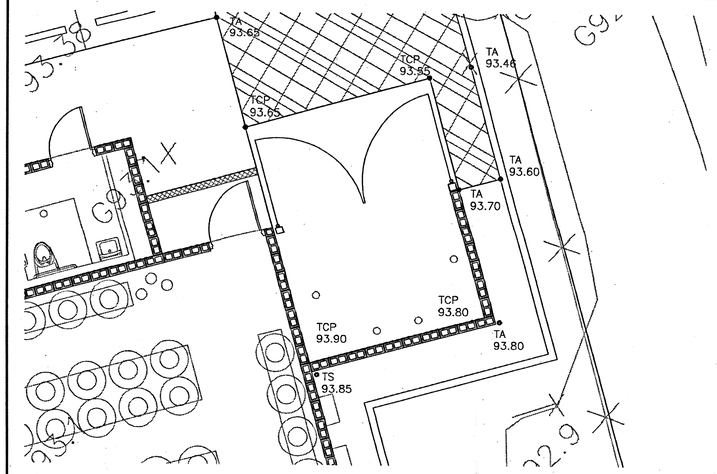
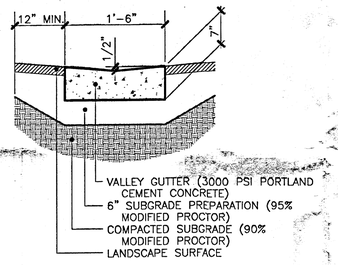
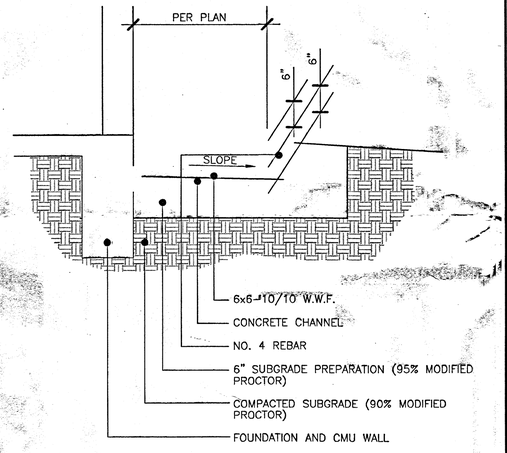


VALLEY GUTTER

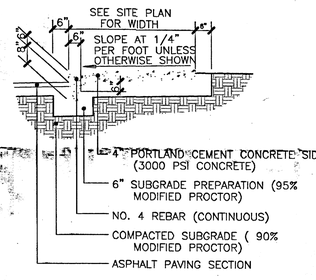
NORTH-SOUTH ONSITE VALLEY GUTTER SHOWN. EAST-WEST OFFSITE VALLEY GUTTER SHALL BE 4' WIDE, HAVE A MINIMUM THICKNESS OF 8" AND THE SURFACE SECTION SHALL MATCH THE EXISTING ASPHALT SWALE AND HAVE 18" DEEP x8" THICK CUTOFF WALLS AT EACH END.



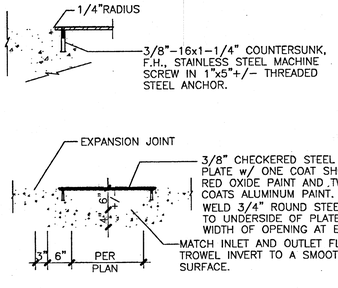
CHANNEL



TURNDOWN SIDEWALK



SIDEWALK CULVERT



NOTES:

1. AT INSTALLATIONS WHERE THE SIDEWALK PENETRATES A CURB FACE THE GUTTER SHALL BE POURED MONOLITHICALLY WITH SIDEWALK CULVERT.
2. THE MAXIMUM WIDTH OF CULVERT OPENING IS 24". AT MULTI-BARREL INSTALLATIONS THE BARRELS SHALL BE SEPARATED BY A 9" WIDE CONCRETE WALL.
3. VISIBLE CONCRETE SURFACES OF THE SIDEWALK CULVERT SHALL MATCH THE COLOR AND TEXTURE OF THE ADJACENT SIDEWALK.

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PROFESSIONAL ENGINEER NEW MEXICO NO. 5110

date: May 27, 2008

drawn by: meto

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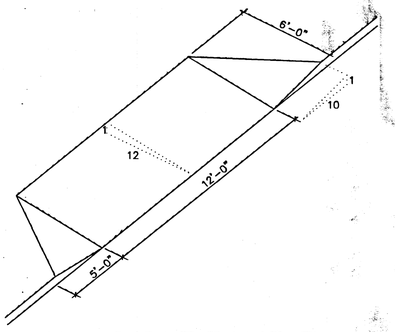
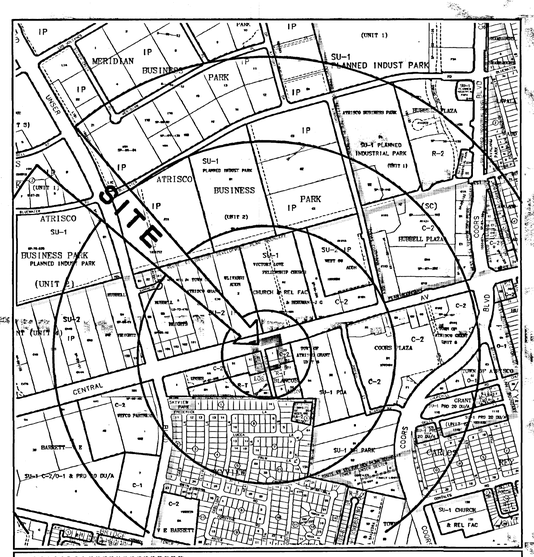
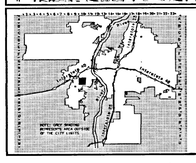
sheet no. of



2 TCL **HANDICAP RAMP CUT**

SCALE: NTS





GRAPHIC SCALE IN FEET
250 0 750 1000

Zone Atlas Page
K-10-Z
Map Amended through March 01, 2005

ZONE ATLAS MAP

SCALE: 1"=10,000'

NORTH

CENTRAL AVENUE, SW

100' R/W

EXISTING MOTEL

REQ'D LANDSCAPE BUFFER

LINE OF EXT'G CONC. SLAB TO REMAIN

EXISTING BLOCK WALL ON ADJACENT PROPERTY

PUBLIC UTILITY EASEMENT

RUN VALLEY GUTTER DOWN INTO EXISTING DRAINAGE AREA. PROVIDE RIP-RAP AT BOTTOM FOR HYDRAULIC DECELERATION

CENTERLINE OF NEW VALLEY GUTTER

1/4" PER FOOT SLOPE

1:12 SLOPE

2% MAX SLOPE

(TYP.)

(ABOVE)

(BELOW)

1 TCL **SITE PLAN/ROOF PLAN**

SCALE: 1"=10'

NORTH

GENERAL NOTES

1. DO NOT SCALE DRAWINGS
2. CONTRACTOR TO COORDINATE ALL DRAWINGS PRIOR TO CONSTRUCTION
3. VERIFY EXISTING CONDITIONS IN FIELD. BRING DISCREPANCIES TO ATTENTION OF ARCHITECT
4. DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED
5. F.F. INDICATES THAT THE DIMENSION IS A CRITICAL FINISHED DIMENSION MEASURED FROM FINISHED FACE TO FINISHED FACE
6. EXISTING GROUND FLOOR SLAB ELEVATION INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE MEASURED FROM THIS POINT

KEYED NOTES ○

1. LANDSCAPE AREA, SEE LANDSCAPE DRAWINGS. LANDSCAPING INSIDE CITY RIGHT-OF-WAY SHALL IN NO WAY IMPEDE SIGHT LINES OR THE CLEAR SIGHT TRIANGLES REQUIRED AT DRIVEWAYS
2. 4" WIDE PAINT STRIPING
3. CONCRETE HEADER CURB FLUSH W/ TOP OF ASPHALT, RE: CIVIL C2.2
4. PAVING RE: CIVIL C2.2
5. CONCRETE OR RECYCLED PLASTIC CURB STOP
6. NEW 4'-0" WIDE CONCRETE VALLEY GUTTER, REF. CIVIL SHEET C2.2
7. EXISTING CONCRETE PAD TO REMAIN
8. ACCESSIBLE CURB RAMP RE: 1/C1.3
9. CHAIN LINK STORAGE ENCLOSURE WITH VINYL STRIPS, TAN COLOR, HEIGHT TO MATCH DUMPSTER ENCLOSURE
10. STEEL TRANSACTION CANOPY
11. DUMPSTER ENCLOSURE AND CONCRETE PAD RE: 4,5,6/C1.3
12. GUTTER RE: 1/A4.1
13. DOWNSPOUT RE: 1/A4.1
14. PAINTED WHEELCHAIR SYMBOL AT REAR OF PARKING SPACE, BLUE COLOR
15. LOCATION OF ACCESSIBLE PARKING SIGN RE: 2/C1.1
16. OUTLINE OF AWNING ABOVE, SEE 2/A4.1 FOR DETAILS
17. CONCRETE SIDEWALK RE: CIVIL, LIGHT BROOM FINISH
18. CONCRETE PAD AT TIRE STORAGE. SLOPE TO DRAIN.
19. HOLLOW METAL DOORS IN CMU WALL. DEADBOLT KEYED TO BUILDING LOCKS
20. LOCATION OF MAIN SERVICE DISCONNECT AND CONNECTION TO ELECTRICAL SERVICE RE: ELECTRICAL
21. CONCRETE PAVING IN TIRE INSTALLATION AREA RE: CIVIL
22. LOCATION OF EXISTING GAS PUMP ISLAND TO REMAIN
23. EXISTING LIGHT POLE TO REMAIN
24. EXISTING FENCE TO REMAIN
25. LOCATION OF FREEZE PROOF HOSE BIBB RE: PLUMBING
26. CMU WALLS AT TIRE STORAGE TO MATCH DUMPSTER ENCLOSURE
27. T.P.O. MEMBRANE ROOF
28. SIDEWALK CULVERT W/ STEEL PLATE COVER

TRAFFIC CIRCULATION LAYOUT APPROVED

Signed 5/9/08 Date

Public infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

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Peerless Tire #1

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STATE OF NEW MEXICO
G. DONALD DUDLEY, JR.
No. 3673
04/11/2008
REGISTERED ARCHITECT

date:
drawn by: TCL
sequence no. of

DRAINAGE CERTIFICATION

I, JEAN J. BORDENAVE, NMPE&LS NO. 5110, OF THE FIRM BORDENAVE DESIGNS, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORCDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED May 28,2008. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.

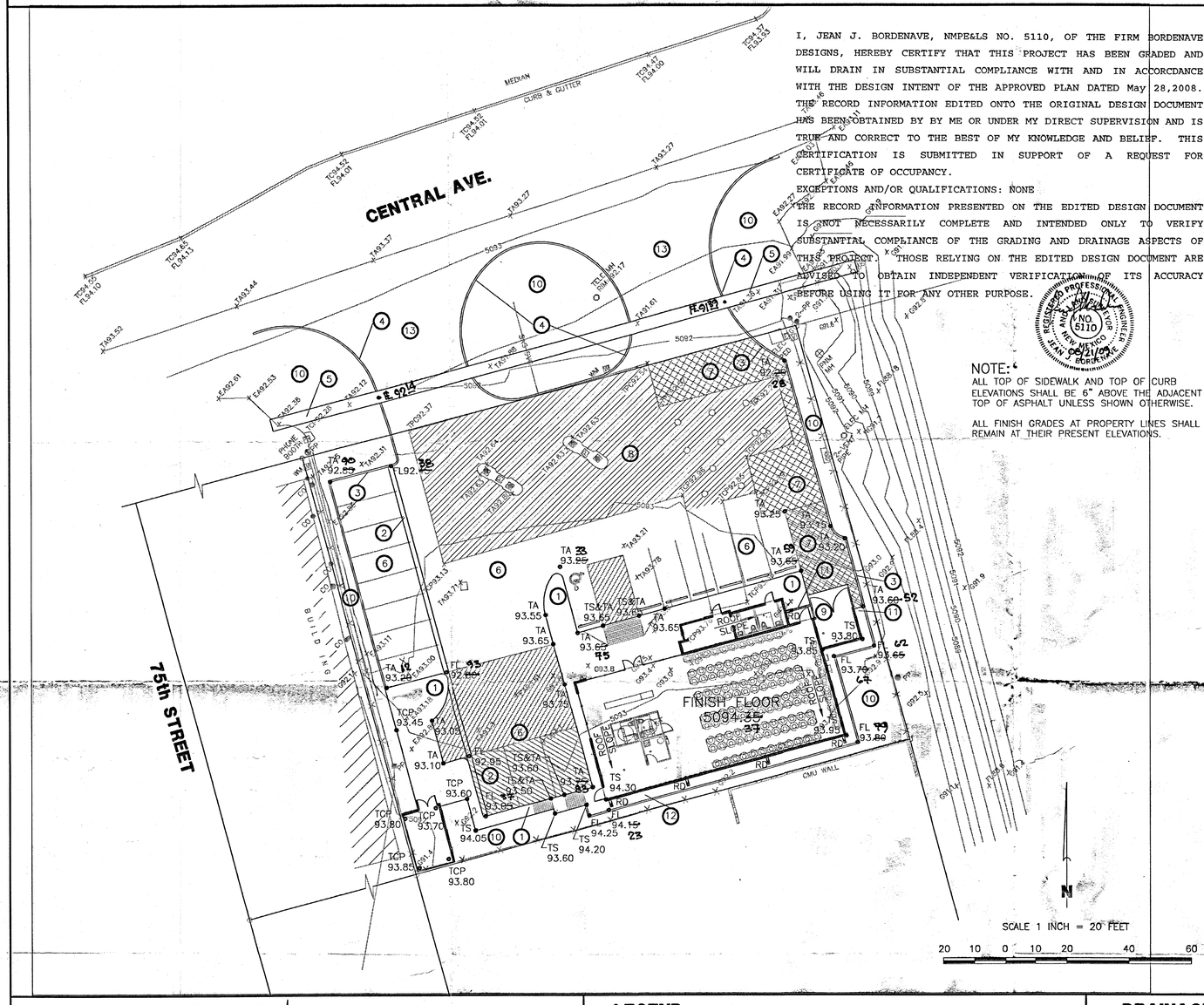
EXCEPTIONS AND/OR QUALIFICATIONS: NONE

THE RECORD INFORMATION PRESENTED ON THE EDITED DESIGN DOCUMENT IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE EDITED DESIGN DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NEW MEXICO JEAN J. BORDENAVE NO. 5110 08/21/09

NOTE:
ALL TOP OF SIDEWALK AND TOP OF CURB ELEVATIONS SHALL BE 6" ABOVE THE ADJACENT TOP OF ASPHALT UNLESS SHOWN OTHERWISE.

ALL FINISH GRADES AT PROPERTY LINES SHALL REMAIN AT THEIR PRESENT ELEVATIONS.



KEYED NOTES

1. TURNDOWN SIDEWALK. SEE DETAIL SHEET C2.2.
2. VALLEY GUTTER. FLATTEN TO DRAIN AT OUTLET. SEE DETAIL SHEET C2.2.
3. HEADER CURB. SEE DETAIL SHEET C2.2
4. MODIFIED HEADER CURB. TOP OF CURB TO BE FLUSH WITH EXISTING APHALT.
5. MODIFIED CONCRETE VALLEY GUTTER. SEE NOTE ON DETAIL SHEET C2.2.
6. ASPHALT PAVEMENT – LIGHT DUTY. SEE DETAIL SHEET C2.2.
7. ASPHALT PAVEMENT – HEAVY DUTY. CROSSHATCHED AREA. SEE DETAIL SHEET C2.2.
8. EXISTING CONCRETE PAVEMENT, TO REMAIN. BROKEN HATCHED AREA.
9. REFUSE ENCLOSURE. SEE GRADING INFORMATION ON SHEET C2.2.
10. LANDSCAPE
11. 6" WIDE SIDEWALK CULVERT. ALIGN WITH DOWNSPOUT. SEE DETAIL SHEET C2.2.
12. 3' WIDE CONCRETE CHANNEL. SEE DETAIL SHEET C2.2.
13. EXISTING ASPHALT TO REMAIN.

DRAINAGE DATA

1. THE SITE IS PRESENTLY DEVELOPED AND USED AS A GAS STATION. THE GASOLINE PUMPING AREA CONCRETE PAVEMENT AND PUMP ISLANDS WILL BE RETAINED AND THE REST OF THE SITE WILL BE RAZED AND RECONSTRUCTED TO BE USED AS A COMBINED GAS STATION AND TIRE STORE. DRAINAGE IS PRESENTLY DISCHARGED FROM THE SITE TO THE NORTH TO PUBLIC ROW AND TO THE SOUTH AND EAST TO PRIVATE PROPERTY. ALL DRAINAGE WILL BE REDIRECTED TO THE CENTRAL AVE. ROW. DEVELOPMENT OF THE CENTRAL AVE. ROADWAY SECTION WILL DISRUPT FLOWS FROM THE WEST. THEREFORE, PROPOSED CONSTRUCTION WITHIN THE ROW IS LIMITED TO DELINEATION. THERE ARE NO OFFSITE FLOWS ENTERING THE SITE.

2. THE SITE IS LOCATED IN RAINFALL ZONE 1. THERE IS FLOW INCREASE OF 0.21 AND .23 CFS FOR THE 10 YEAR AND 100 YEAR STORMS RESPECTIVELY AND THE 6 HOUR RUNOFF VOLUMES FOR THE 10 YEAR AND 100 YEAR STORMS INCREASE BY 399 AND 496 CUBIC FEET RESPECTIVELY.

3. THE SITE IS LOCATED IN A 'ZONE X' PER FEMA FIRM MAP NO. 329, DATED NOVEMBER, 2003.

4. TOPO SURVEY DATA SHOWN ON THIS DRAWING WAS OBTAINED BY HARRIS SURVEYING, INC., DATED DECEMBER, 2007.

GRADING NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

4. ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

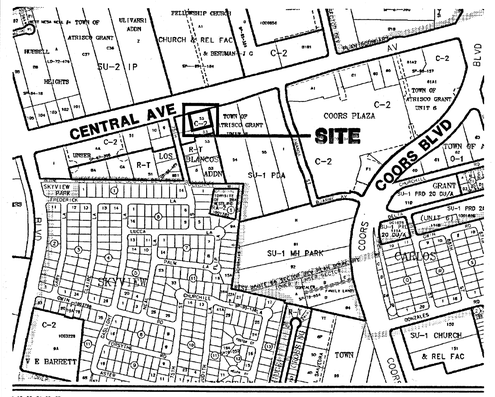
EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO PUBLIC RIGHT-OF-WAY OR PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY THE CONSTRUCTION OF TEMPORARY SOIL BERMS OR SILT FENCES AT PROPERTY LINES AND WETTING SOIL TO PREVENT IT FROM BLOWING. IF THE SITE IS CONTROLLED BY A SWPPP PLAN, EROSION CONTROL SHALL BE ACCOMPLISHED ACCORDING TO THE PLAN.

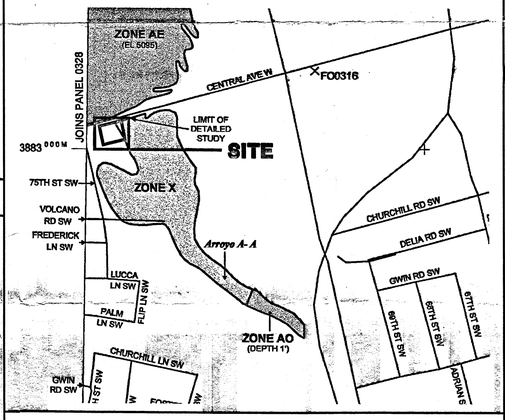
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

3. THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.

VICINITY MAP K-10



FEM FIRM PANEL NO. 329



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PERMANENT BENCHMARK

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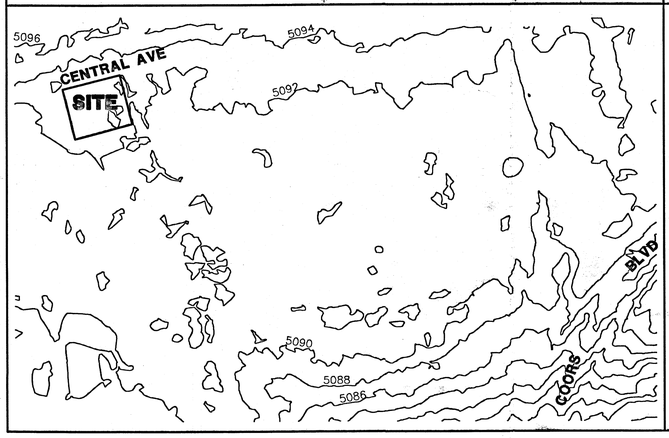
OFFSITE DRAINAGE MAP

SCALE 1" = 500'



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TW	TOP OF WALL		EXISTING CONTOUR
FH	FIRE HYDRANT		PROPOSED CONTOUR
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date: May 27, 2008
drawn by: meto

revisions:

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