

DRAINAGE CALCULATIONS:

EXISTING CONDITIONS:

The site is located north of Paseo Del Norte between Jefferson and I-25. The site is accessed via a frontage road and a private access easement. The site is Tract 3-A-3, Lands of Los Angeles Investors. There is a master grading and drainage plan that covers the site which was prepared by Easterling & Associates, Inc., Hydrology File No. C-17/D-7. The site is presently undeveloped and slopes from east to west. East of the site is a development which discharges all of its runoff to the Domingo Baca Arroyo. North of the site the property is developed and drains to the Domingo Baca Arroyo. There is an inlet in the existing cul de sac that drains to the Domingo Baca Arroyo via a 15" cnp. The property to the south is undeveloped. There is a railroad spur on the south property line of the site.

PROPOSED CONDITIONS:

It is proposed to construct an office/warehouse complex on the site as shown. No ponding is required because the allowable discharge for the site is 3.80 cfs which is in excess of the amount of discharged that the proposed development will generate. All runoff from the site will be discharged into the cul de sac where it will enter the existing inlet and be discharged via the 15" cnp to the Domingo Baca Arroyo.

DRAINAGE CRITERIA:

The calculations shown on this plan were prepared in accordance with Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque, in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Arroyo Flood Control Authority, January, 1993.

PRECIPITATION ZONE:

The site is between the Rio Grande River and San Mateo Blvd. and is, therefore, in Precipitation Zone 2.

LAND TREATMENT AREAS, EXCESS PRECIPITATION AND UNIT PEAK DISCHARGE:

The peak discharge per acre and excess precipitation are shown for the four land treatments in Zone 2 in the table below, and the values shown are from the Albuquerque D.P.M. Also shown are the existing and proposed land treatment areas.

LAND TREATMENT	100-yr. 10-yr.	E (in)	Existing Site Areas	Developed Site Areas
			%	%
A	1.56	0.38	0.53	0.13
B	2.28	0.95	0.78	0.28
C	3.14	1.71	1.13	0.52
D	4.70	3.14	2.12	1.34
Totals			100.0	35.632

PEAK DISCHARGE:

EXISTING CONDITIONS:

$$Q_{100} = 0.8180 \times 1.56 = 1.28 \text{ cfs}$$

$$Q_{10} = 0.8180 \times 0.38 = 0.31 \text{ cfs}$$

DEVELOPED CONDITIONS:

$$Q_{100} = 0.1148 \times 2.28 + 0.1848 \times 3.14 + 0.5184 \times 4.70 = 3.28 \text{ cfs}$$

$$Q_{10} = 0.1148 \times 0.95 + 0.1848 \times 1.71 + 0.5184 \times 3.14 = 2.05 \text{ cfs}$$

VOLUME, 100-YEAR, 6-HOUR:

EXISTING CONDITIONS:

$$V_{100} = (35,632 \times 0.53) / 12 = 1,574 \text{ cf}$$

$$V_{10} = (35,632 \times 0.13) / 12 = 386 \text{ cf}$$

DEVELOPED CONDITIONS:

$$V_{100} = (5,000 \times 0.78 + 8,050 \times 1.13 + 22,582 \times 2.12) / 12 = 5,073 \text{ cf}$$

$$V_{10} = (5,000 \times 0.28 + 8,050 \times 0.52 + 22,582 \times 1.34) / 12 = 2,987 \text{ cf}$$

SUMMARY OF ON-SITE VOLUMES AND PEAK DISCHARGE RATES:

	V100(CF)	V10(CF)	Q100(CFS)	Q10(CFS)
DEVELOPED	5,073	2,987	3.28	2.05
EXISTING	1,574	386	1.28	0.31
INCREASE	3,499	2,601	2.00	1.74

ANALYSIS OF DOWNSTREAM CAPACITY:

THE DEVELOPMENT OF TRACTS 3-A-1 THROUGH 3-A-4, LANDS OF LOS ANGELES INVESTORS INCLUDED PAVING OF THE ACCESS EASEMENT AND PROVISION OF A STORM DRAINAGE INLET AND 15" CNP OUTFALL PIPE THAT EXTENDS TO THE DOMINGO BACA ARROYO. FROM THE END OF THE CNP IT IS A REASONABLY SHORT DISTANCE TO THE NORTH DIVERSION CHANNEL. SITE RUNOFF DOES NOT EXCEED THE ALLOWABLE.

ANALYSIS OF OFF-SITE FLOW:

THE SITE DOES NOT HAVE ANY OFF-SITE FLOW ASSOCIATED WITH IT. PROPERTY EAST, OR UPHILL, FROM THE SITE IS GRADED TO DRAIN TO THE DOMINGO BACA ARROYO.

ANALYSIS OF SWALE NORTH OF BUILDING - SUBBASIN 'A':

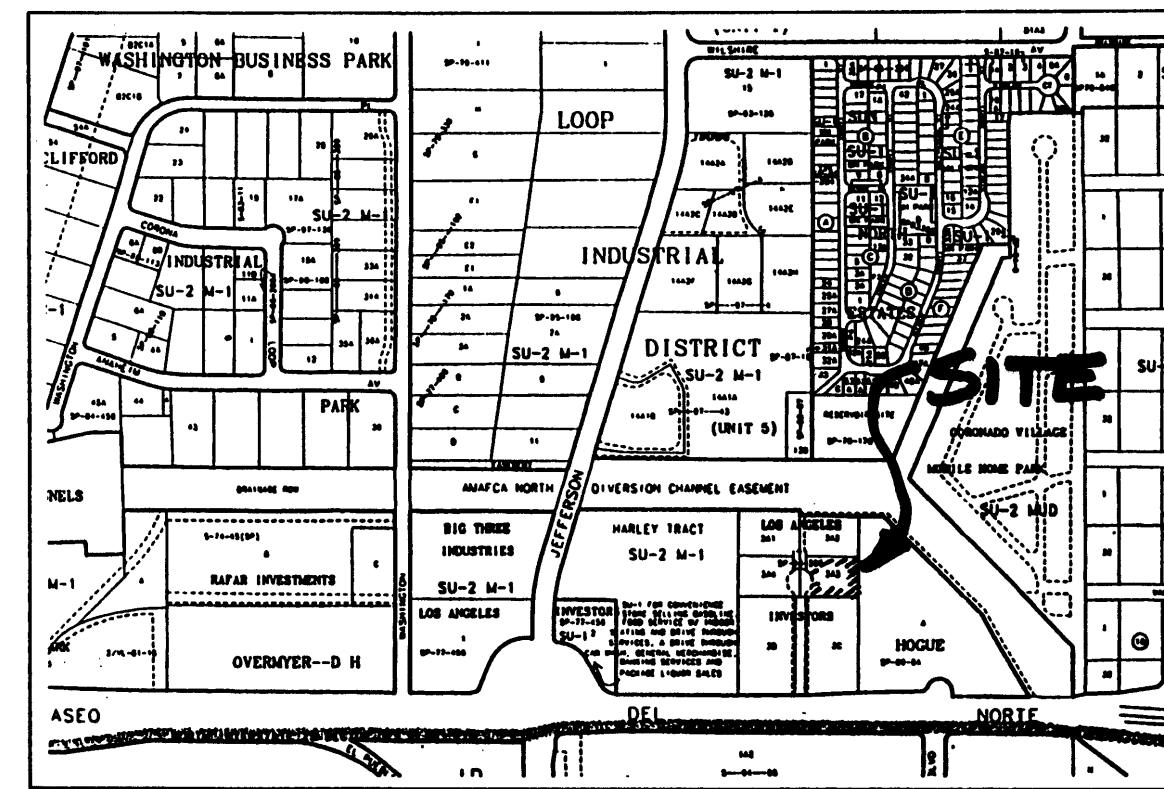
SLOPE = 0.0050 FT./FT.	DEPTH = 0.5
TREAT. B = 450 SF = 0.0103 AC.	
TREAT. C = 900 SF = 0.0207 AC.	
TREAT. D = 2,700 SF = 0.0602 AC.	
TOTAL	4,050 SF = 0.0930 AC.
Q100 = 0.0103 × 2.28 + 0.0207 × 3.14 + 0.0602 × 4.70 = 0.38 CFS	

$$V = (1.486 / 0.023) < (0.157)^{2/3} < (0.0050)^{1/2} = 1.32 \text{ CFS}$$

$$Q = AV = 0.33 \times 1.32 = 0.44 \text{ CFS} > 0.38 \text{ CFS OK}$$

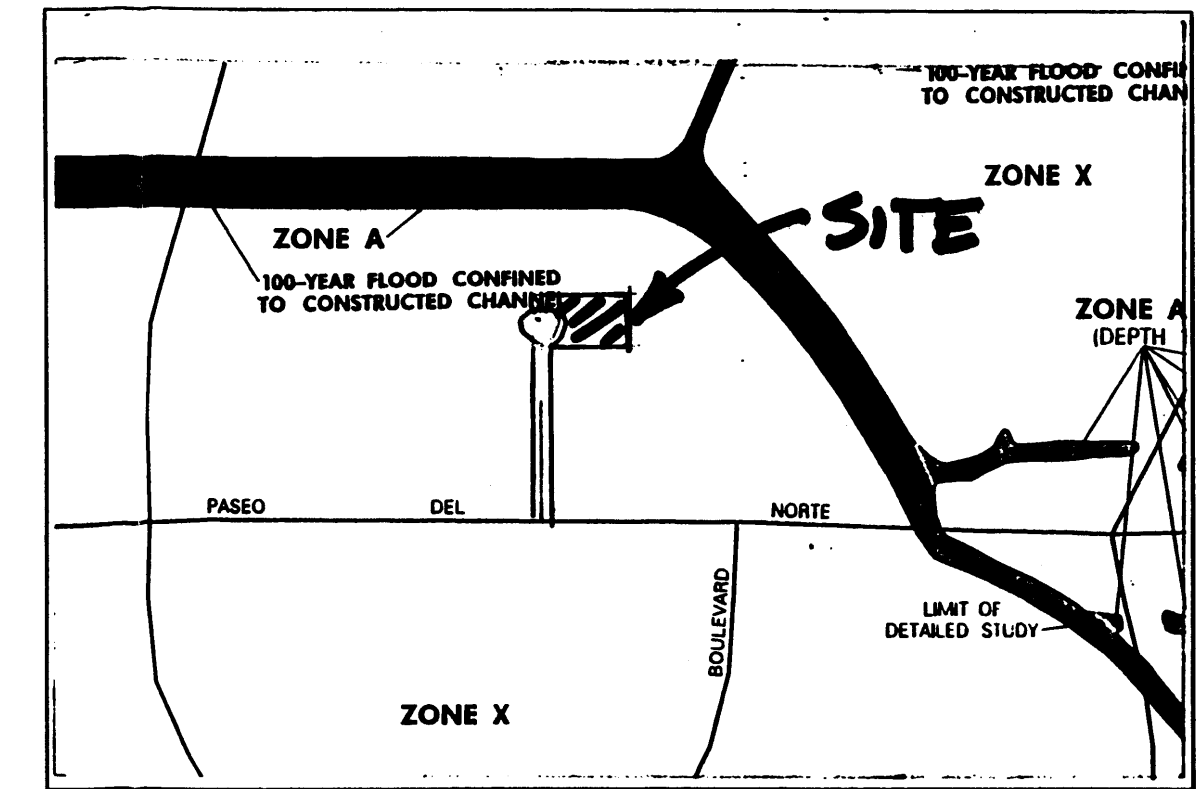
LEGEND:

- Found Boundary Cor.
- pp○ Utility Pole
- Overhead Lines
- c □ CATV Pedestal
- e □ Electric Pedestal
- t □ Telephone Pedestal
- g □ Gas Meter
- em □ Electric Meter
- wm □ Water Meter
- w □ Water Valve
- g □ Gas Valve
- Sanitary Sewer MH
- ⊙ Storm Sewer Manhole
- SD Storm Drain Catch Basin
- ⊙ Light Pole
- × × Fence
- Arroyo or watercourse
- ⊙ Fire Hydrant
- Exist. Spot Elev.
- New Spot Elevation
- EXISTING CONTOUR
- NEW CONTOUR
- FLOW DIRECTION
- ROOF SLOPE



VICINITY MAP

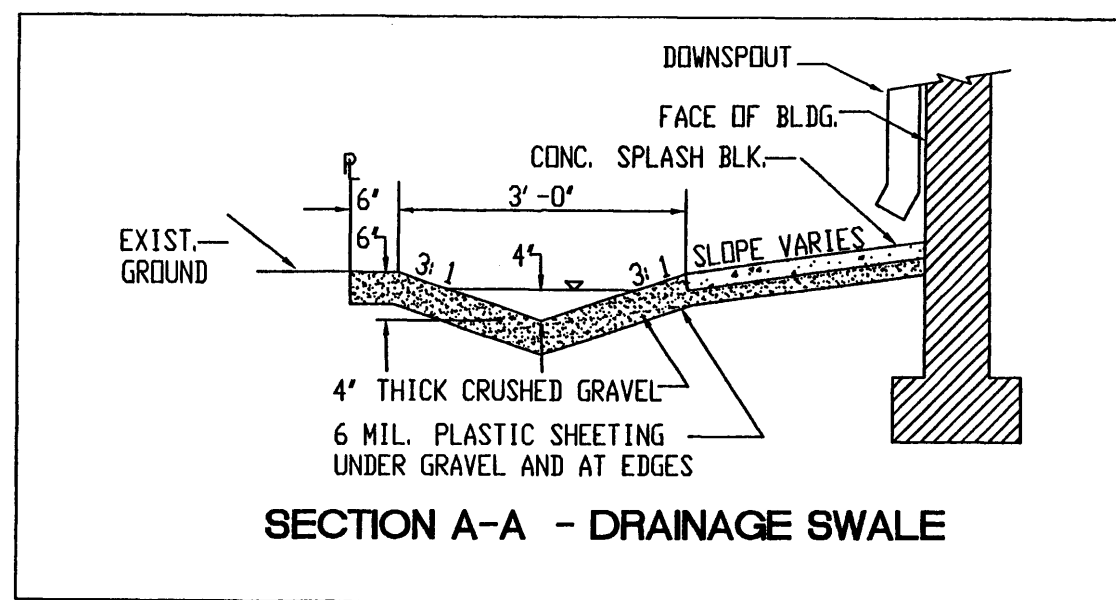
ZONE ATLAS NO. C-17-Z



FIRM MAP

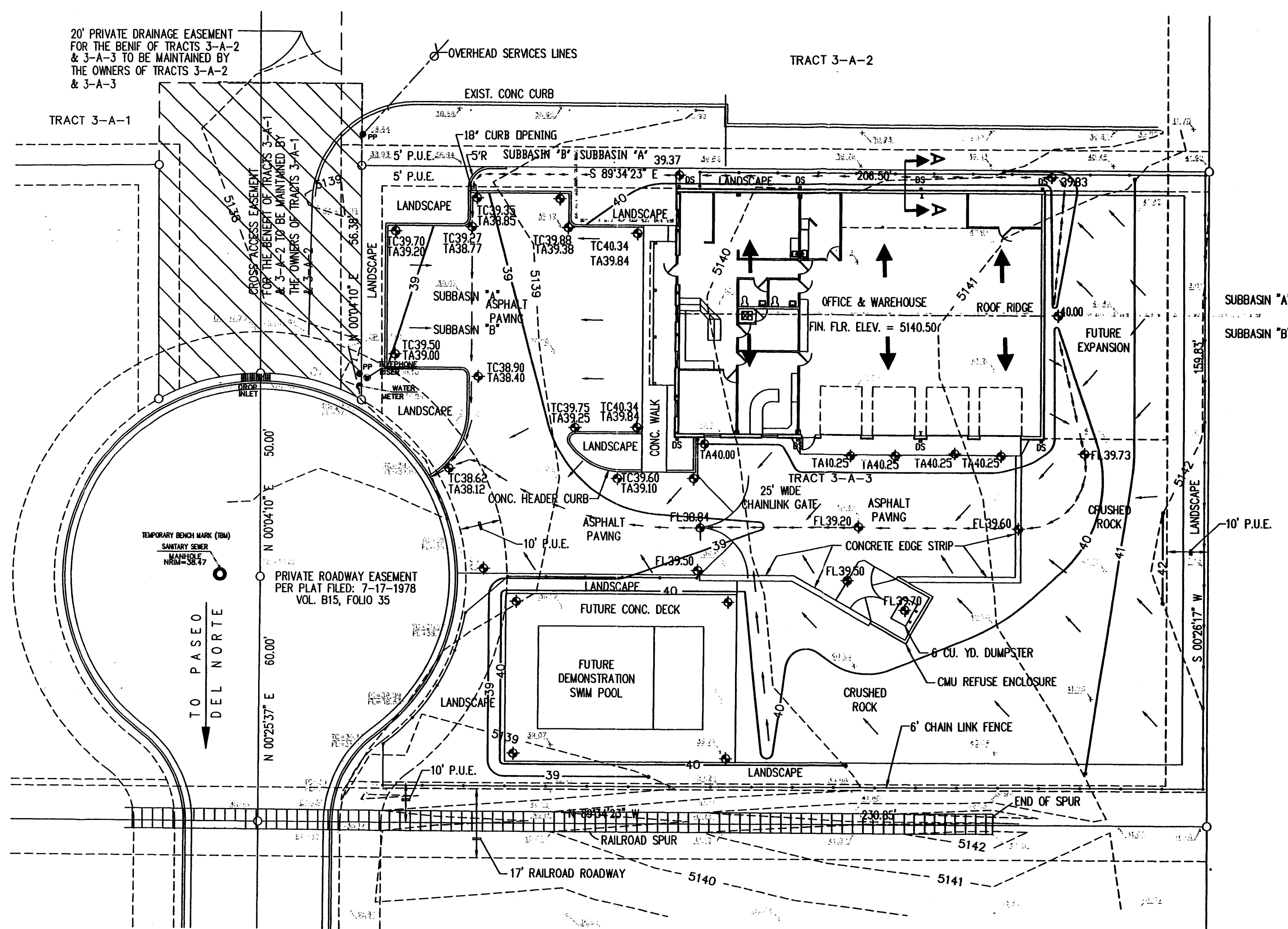
MAP NO. 35001C037 D

No.	RADIUS	LENGTH	DELTA	CHORD BEARING, DISTANCE
C1	26.18'	30' 00" 00"	S 74° 55' 50" E, 25.88'	
C2	50.00'	99.04'	113° 29' 16"	S 03° 11' 13" W, 83.62'
C3	25.00'	23.18'	53° 07' 48"	S 26° 59' 31" W, 22.36'

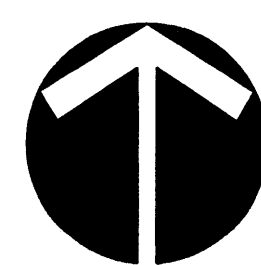


GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION - AS AMENDED THROUGH UPDATE NO. 6 - JULY 1995.
- A CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATED AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- MAINTENANCE OF DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY ON WHICH THEY ARE CONSTRUCTED. ROOF DRAINS AND APPURTENANCES SHALL BE REGULARLY INSPECTED AND OBSTRUCTIONS REMOVED.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION SAFETY: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S SOLE RESPONSIBILITY.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- 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.
- THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DISTURB OR DAMAGE EXISTING FEATURES TO REMAIN DURING ALL PHASES OF CONSTRUCTION.

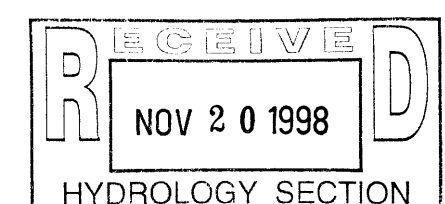
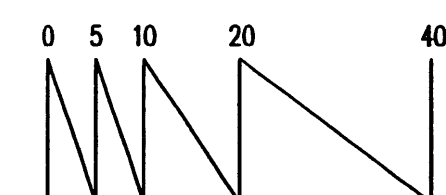


North



GRADING AND DRAINAGE PLAN

SCALE: 1"=20.0'

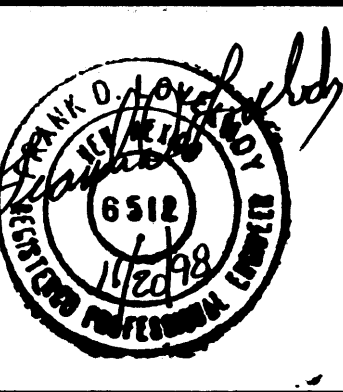


GENERAL TOPOGRAPHIC NOTES AND BENCH MARK:

- ADD 5200 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
- CONTOUR INTERVAL IS ONE (1) FOOT.
- ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION "ACS 11-D18", HAVING AN ELEVATION OF 5235.67 FEET ABOVE SEA LEVEL.

LEGAL DESCRIPTION:

TRACT THREE-A-THREE (3-A-3), LANDS OF LOS ANGELES INVESTORS, (BEING A REPLAT OF TRACT 3-A, LANDS OF LOS ANGELES INVESTORS), CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.



Offices & Warehouse Facility
for Hermanson Construction Inc.

KEN HOVEY, ARCHITECT
BOS 254-0083 • FAX 505 254-8001 • 3808 5TH AVE. SE • ALBUQUERQUE, NM • 87108

JOB NO.	9806
DATE	NOVEMBER 15 1998
REVISIONS	

SHEET NO.
C-2

	T.C.	F.L.
CR	5107.70	5107.20
1	5107.40	5106.85
2	5107.09	5106.49
3	5106.14	5106.14
CR	5106.38	5105.78

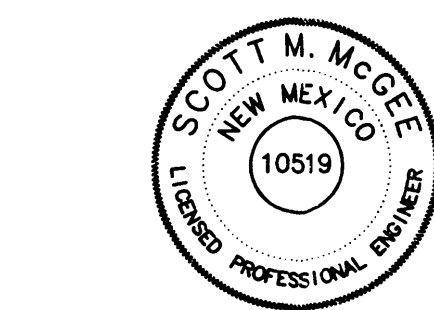
	T.C.	F.L.
CR	5106.87	5106.20
1	5106.48	5106.48
2	5107.35	5106.75
3	5107.58	5107.03
CR	5107.80	5107.30

	T.C.	F.L.
CR	5108.50	5108.00
1	5108.23	5107.73
2	5108.15	5107.45
3	5107.18	5107.18
CR	5107.57	5106.90

	T.C.	F.L.
CR	5107.87	5107.20
1	5107.50	5107.50
2	5108.40	5107.80
3	5108.65	5108.10
CR	5108.90	5108.40

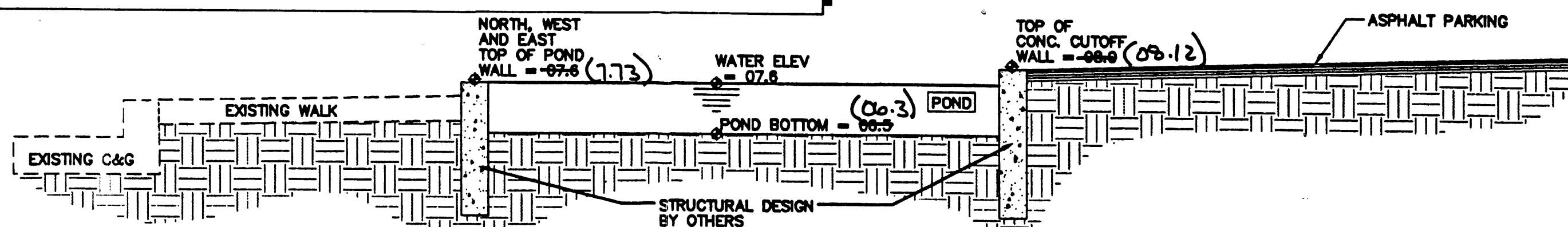
I, Scott M. McGee, NMPE No. 10519 of the firm Isaacson & Arfman, P.A. hereby certify that PHASE II of this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 12-7-04. The record information edited onto the original design document has been obtained by Ron Forstbauer NMPS #6126 of the firm Forstbauer Surveying, LLC on 10-05-06. I further certify that I or a member of my firm under my direct supervision have visited the project site on 10-11-06 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for permanent Certificate of Occupancy.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.



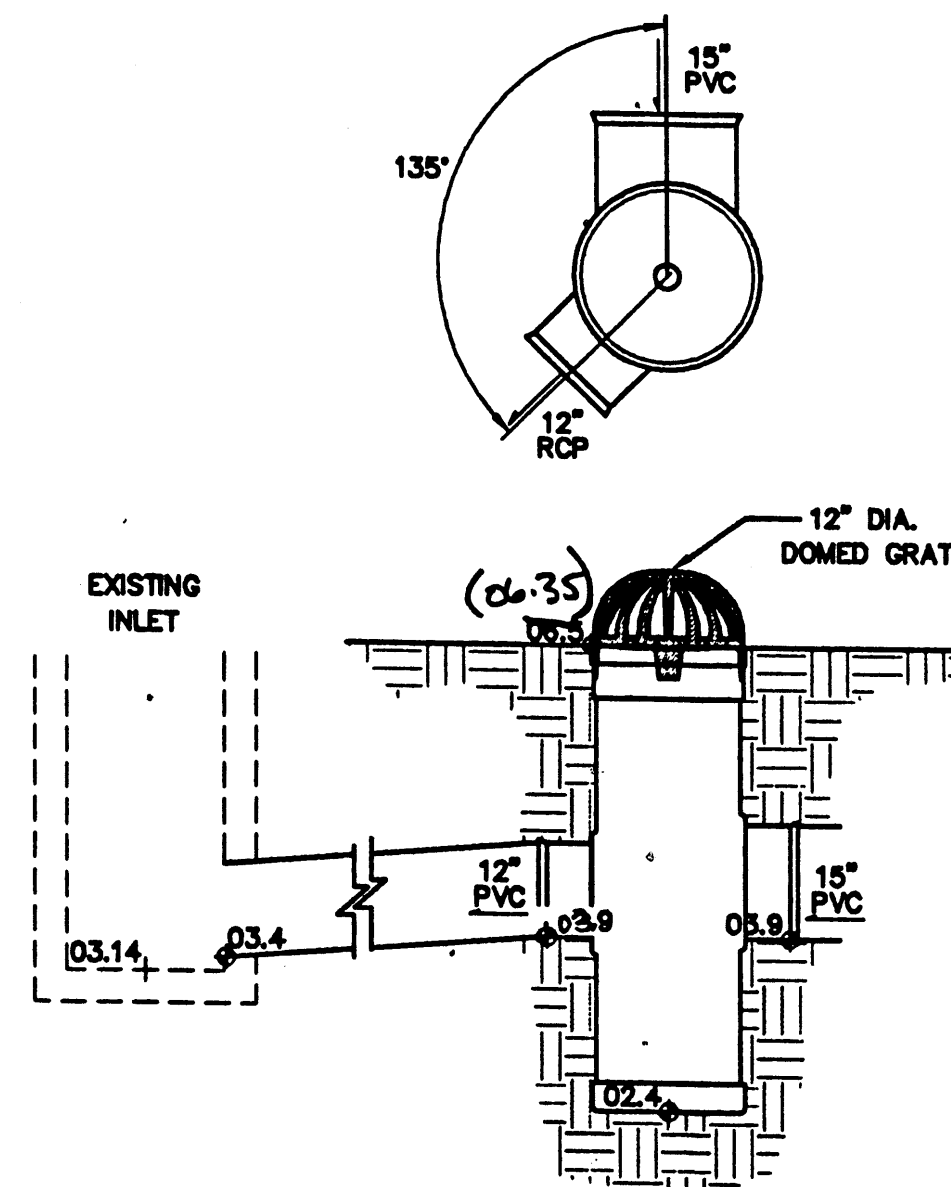
Scott M. McGee
SCOTT M. MCGEE NMPE #10519

DATE 10/11/06



SECTION A

SECTION THROUGH WASHINGTON POND AT SIDEWALK CULVERT N.T.S.



NYLOPLAST INLET

N.T.S.

10/05/06

GENERAL INFORMATION

LEGAL: LOTS H1, LOS ANGELES INVESTORS TRACT 4, ALBUQUERQUE, N.M.
ADDRESS: 8500 WASHINGTON ST. N.E. OFFICE WAREHOUSE PROJECT
SURVEYOR: ALDRICH LAND SURVEYING - 505-884-1990
B.M.: BENCHMARK: ACS MONUMENT "12-C17" ELEVATION = 5107.95 MSLD
T.B.M.: SAS MANHOLE RIM LOCATED IN WASHINGTON STREET ADJACENT TO THE SITE. ELEVATION = 5107.15 MSLD
OFF-SITE DRAINAGE: NO OFF-SITE DRAINAGE AFFECTS THIS PROPERTY.
FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP #136/137 (SEE PLAN), THE SITE IS NOT LOCATED WITHIN A FLOOD ZONE.
EROSION CONTROL: THE CONTRACTOR IS RESPONSIBLE FOR RETAINING ON-SITE ALL SEDIMENT GENERATED DURING CONSTRUCTION BY MEANS OF TEMPORARY EARTH BERMS OR SILT FENCES AT THE LOW POINTS ON THE WEST AND NORTH PROPERTY LINES.

GENERAL NOTES

- SIDEWALK, HANDICAP RAMPS, CURB AND GUTTER AND VALLEY GUTTER WITHIN R.O.W. TO BE CONSTRUCTED TO C.O.A. STANDARD DRAWINGS AND SPECIFICATIONS. MATCH EXISTING FL AND TC ELEVATIONS TO PROVIDE A SMOOTH TRANSITION.
- COORDINATE WORK WITH SITE PLAN.
- BECAUSE THIS SITE DEVELOPMENT DISTURBS MORE THAN 1 ACRE OF LAND IN BERNALILLO COUNTY, A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDING A COPY OF THE NOI SUBMITTED TO EPA, MUST BE SUBMITTED TO BERNALILLO COUNTY FOR ACCEPTANCE PRIOR TO ISSUANCE OF A GRADING OR PAVING PERMIT.

A SOIL EROSION CONTROL PLAN WILL SHOW INTERIM "MINIMUM CONTROL MEASURES" EMPLOYED TO PROTECT STORM WATER AND OTHER WATER RUNOFF QUALITY DURING CONSTRUCTION USING "BEST MANAGEMENT PRACTICES". THE SOIL EROSION CONTROL PLAN WILL INCLUDE THE RUSLE 1.08 ANALYSIS OR OTHER APPROPRIATE ANALYSIS AND NEEDS TO BE INCLUDED WITH THE SWPPP.

CONTRACTOR TO PROVIDE THIS INFORMATION AND PAY ALL APPLICABLE APPLICATION AND PERMIT FEES TO OBTAIN GRADING / PAVING PERMITS.
- GRADES SHOWN WITHIN LANDSCAPED AND PONDING AREAS INDICATE TOP OF LANDSCAPE MATERIAL. SUBGRADE TO BE GRADED TO ELEVATION SHOWN MINUS LANDSCAPE MATERIAL THICKNESS.
- PONDING AREAS, VOLUMES, INLET, OUTLET, SPILLWAY AND SIDEWALK CULVERT ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES.

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

NOTICE TO CONTRACTOR

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITHIN A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO COLLECTOR STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING EXCAVATION PERMIT FOR SIDEWALK CULVERT/RAIN.
- PROOF OF ACCEPTANCE WILL BE REQUIRED PRIOR TO SIGN OFF FOR CERTIFICATE OF OCCUPANCY (C.O.).

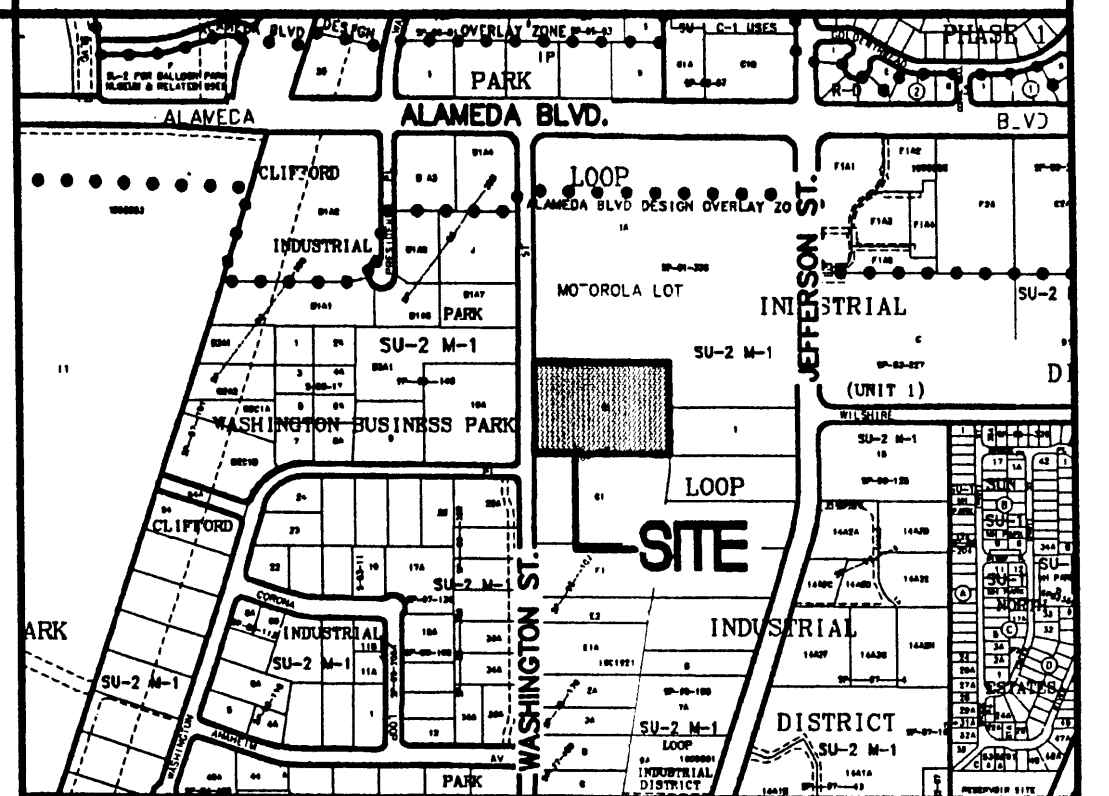
INSPECTION APPROVAL:

CONSTRUCTION SECTION DATE

LEGEND

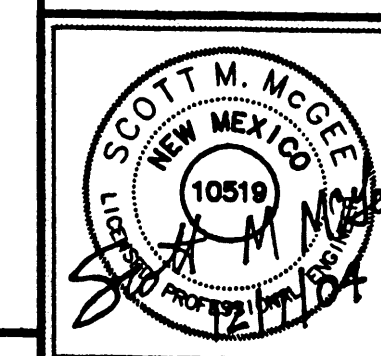
- SIDEWALK, CURB AND GUTTER, ETC. (EXISTING, PROPOSED)
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED CONTOUR
- FL FLOW LINE
- FF FINISHED FLOOR
- FH PROPOSED FIRE HYDRANT
- AS-BUILT INFORMATION

VICINITY MAP #C-17



KEYED NOTES

- CONSTRUCT SITE ENTRANCE PER C.O.A. STANDARDS. MATCH EXISTING FLOWLINE ELEVATIONS TO PROVIDE A SMOOTH RIDING TRANSITION. CONSTRUCT CONCRETE VALLEY GUTTER / HANDICAP RAMPS (PER C.O.A. STD. DWG. 2428) MATCHING EXISTING TOP OF WALK / FLOWLINE ELEVATIONS. TRANSITION CURB HEIGHT FROM 8" TO 6" OVER LENGTH OF RADIUS. SEE ARCHITECTURAL FOR DIMENSIONS / DETAILS / DEMOLITION OF EXISTING CURBS.
- PROPOSED ASPHALT PAVING. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION REGARDING PARKING LAYOUT, DIMENSIONS, STRIPING, ETC.
- PROPOSED CONCRETE PAVING. CONSTRUCT 4" WIDE ALLEY GUTTER PER C.O.A. STD. DWG. 2415 (SIM.) AT FLOWLINE ELEVATIONS SHOWN TO DIRECT POND FLOW TO PROPOSED STORM DRAIN INLET. SLOPE = 0.00 50'/. SEAL ALL JOINTS WITH URETHANE SEALANT (SONOLASTIC NP-1 O.A.E.) SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION.
- CONSTRUCT MEDIAN CURB AND GUTTER PER C.O.A. STD. DWG. 2415 (TYPICAL) UNLESS NOTED OTHERWISE.
- CONSTRUCT PAVED PONDING AREA AT ELEVATIONS SHOWN TO CAPTURE SITE / ROOF FLOWS. POND DIMENSIONS (LENGTH, WIDTH AND DEPTH) AND ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES.
- CONSTRUCT SINGLE 'D' CATCH BASIN WITH 'ALBUQUERQUE' GRATE PER C.O.A. STD. DWG. 2206 AND 2220. RIM AND INVERT ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES.
- INSTALL 12" DIA. ADS NYLOPLAST INLINE DRAIN WITH 12" DOME GRATE. RIM AND INVERT ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES. SEE DETAIL THIS SHEET.
- INSTALL 344 LF 15" PVC STORM DRAIN AT INVERT ELEVATIONS SHOWN. SLOPE = 0.9%.
- PAVING HIGH POINT THIS AREA.
- CONSTRUCT TURNED DOWN CONCRETE WALK THIS AREA. TOP OF WALK IS 6" ABOVE TOP OF ADJACENT PAVEMENT (TYPICAL). SEE ARCHITECTURAL FOR RAMP LOCATIONS / DIMENSIONS AND ADDITIONAL INFORMATION.
- CONSTRUCT CONCRETE WALK ADJACENT TO MEDIAN CURB AND GUTTER THIS AREA. TOP OF WALK IS 6" ABOVE TOP OF ADJACENT PAVEMENT (TYPICAL). SEE ARCHITECTURAL FOR RAMP LOCATIONS / DIMENSIONS AND ADDITIONAL INFORMATION.
- ROOF FLOW TO BE RELEASED THROUGH 1' WIDE SIDEWALK CULVERTS (PER C.O.A. STD. DTL. 2236) TO PAVEMENT. SEE ARCHITECTURAL FOR SPECIFIC OUTFALL POINTS.
- ROOF FLOWS TO BE RELEASED TO REAR PONDING AREA. SEE ARCHITECTURAL FOR SPECIFIC OUTFALL POINTS.
- CONSTRUCT RETAINING WALL / SLOPE PAVEMENT THIS AREA TO ACHIEVE GRADE DIFFERENCES SHOWN. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION (DESIGN BY OTHERS).
- CONSTRUCT 18" LONG X 9.3" WIDE X 1.5' DEEP DETENTION POND WITH CONCRETE PERIMETER WALLS AT ELEVATIONS SHOWN TO CAPTURE SITE FLOWS. POND DIMENSIONS (LENGTH, WIDTH AND DEPTH) AND ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES. EAST TOP OF POND WALL TO BE FLUSH WITH TOP OF ASPHALT PAVEMENT TO ALLOW SHEETFLOW TO PASS. NORTH, WEST AND SOUTH TOP OF CONCRETE POND WALL TO BE 5108.2. SEAL JOINTS WITH URETHANE SEALANT (SONOLASTIC NP-1 O.A.E.)
- CONSTRUCT DOCK AREA WITH RETAINING WALLS (DESIGN BY OTHERS) AT GRADES SHOWN.
- INSTALL SUMP PIT WITH HYDROMATIC SK100-M2 1 HP SUBMERSIBLE PUMP (O.A.E.) TO DRAIN DOCK. INSTALL 2" SCHEDULE 40 PVC DISCHARGE LINE FROM SUMP PUMP THROUGH DOCK WALL TO ADJACENT PAVING AT INVERT ELEVATION SHOWN. PROVIDE WATERTIGHT GROUT SEAL. SEE ARCHITECTURAL FOR PIT / ELECTRICAL DETAILS.
- FLOW IN EXCESS OF POND CAPACITY WILL OVERFLOW AT NORTH ACCESS DRIVE.
- INSTALL 2 LF 12" PVC, 45' 12" PVC BEND, AND 8 LF 12" PVC STORM DRAIN FROM NYLOPLAST INLET TO BACK OF EXISTING STORM DRAIN INLET PER C.O.A. STD. DWG. 2237. AT INVERT ELEVATIONS SHOWN. INVERT ELEVATIONS TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES.



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1392GRD.b.b 12.07.04

WASHINGTON
OFFICE / WAREHOUSE
MECHENBER CONSTRUCTION

DRAINAGE AND GRADING PLAN

Checked By: SM	Drawn By: BJB	No. 1392	Revision	C-1
Date: 12.07.04	Job Number: 1392			SH. OF