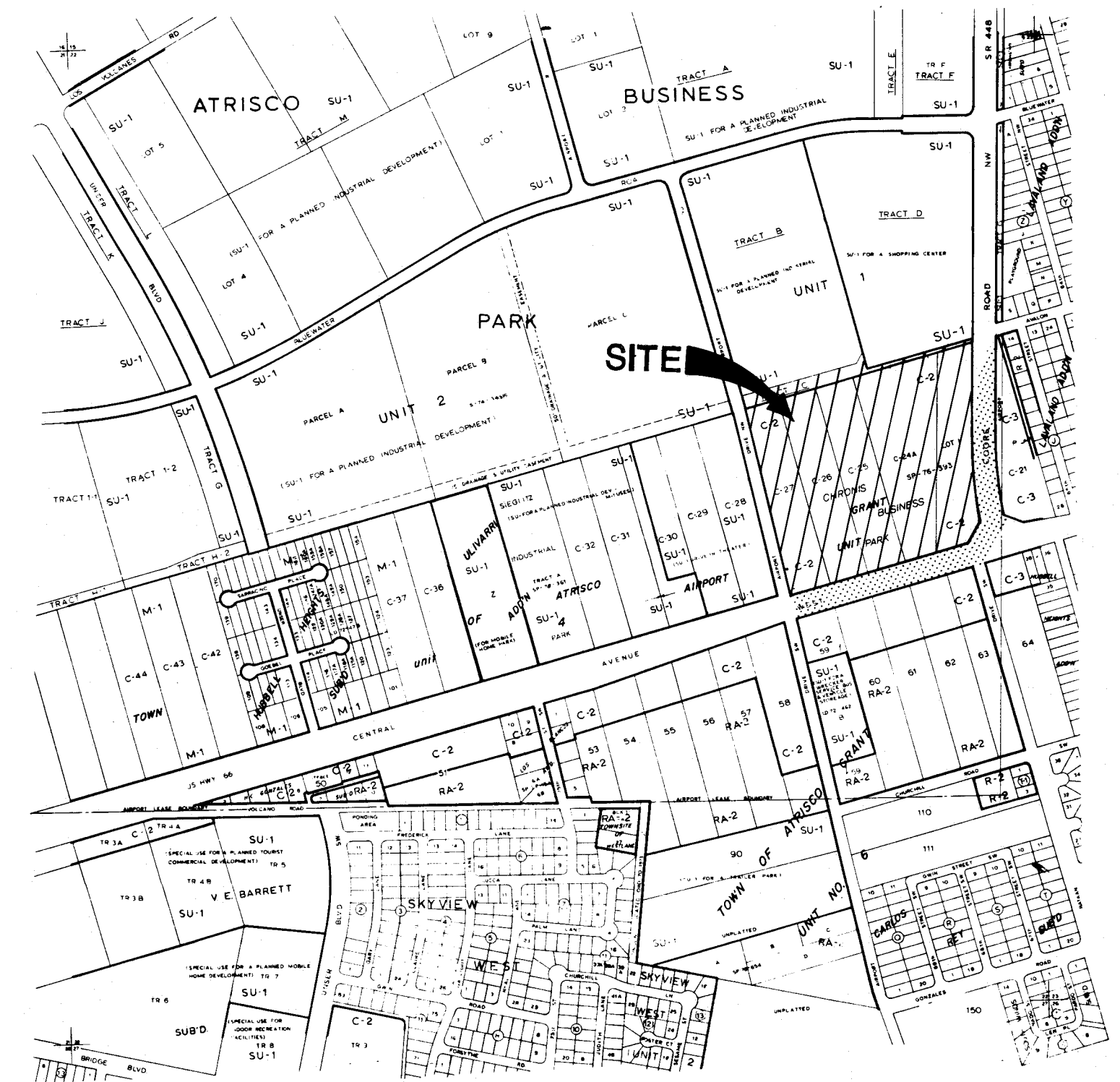


CITY OF ALBUQUERQUE
NEW MEXICO



COORS AND CENTRAL
SHOPPING CENTER

PHASE 1A & 1B ~ SITE DEVELOPMENT PLAN



VICINITY MAP
ALBUQUERQUE ZONE ATLAS MAP NO. K-10

LEGEND

DESCRIPTION	NEW	EXISTING
CONTOURS	— 10' —	— 10' —
SPOT ELEVATION	• 88.2	• 88.2
DRAINAGE AREA BOUNDARY	-----	-----
DRAINAGE DIVIDE	-----	-----
WATER BLOCK	-----	-----
DIRECTION OF FLOW	-----	-----
ASPHALT PAVING	-----	-----
LANDSCAPING	-----	-----
RETAINING WALL	-----	-----
GARDEN WALL	-----	-----
SWALE	-----	-----
PROPERTY LINE	-----	-----
FENCE	-----	-----
CATCH BASIN	-----	-----
STORM DRAIN MANHOLE AND LINE	-----	-----
SANITARY SEWER MANHOLE AND LINE	-----	-----
FIRE HYDRANT AND WATER LINE	-----	-----
REDUCERS	-----	-----
WATER VALVES	-----	-----
WATER CONNECTIONS	-----	-----
WATER JOINTS	-----	-----
CONCRETE	-----	-----
GAS LINE	-----	-----
UNDERGROUND TELEPHONE	-----	-----
CABLE TELEVISION	-----	-----
POWER/TELEPHONE POLE	-----	-----
UNDERGROUND ELECTRICAL	-----	-----
CURB ELEVATION	-----	-----
HYDROLOGICAL ANALYSIS POINT	-----	-----
DETAIL REFERENCE	-----	-----
KEYED NOTES	-----	-----
CITY ADOPTED DETAIL REFERENCE	-----	-----
CURVE OR COORDINATE REFERENCE INFO	-----	-----
PHASE BOUNDARY	-----	-----

SHEET INDEX

COVER SHEET	C1
PLAT	C2 & C2A
SITE DIMENSION PLAN	C3
SITE UTILITY PLAN	C4
HYDROLOGY COVER SHEET	C5
SITE GRADING & DRAINAGE PLAN	C5 A
WATERLINE 'A' P & P	C6
WATERLINE 'B' P & P	C7
COORS ROAD IMPROVEMENTS P & P	C8
— STA. 9+00 — 12+50	C9
— STA. 12+50 — 16+40	C10
— STA. 16+40 — 19+73	C11
CENTRAL AVENUE IMPROVEMENTS P & P	C12
— STA. 9+00 — 14+00	C13
— STA. 14+00 — 18+40	C14
DETAILS	C15
DETAILS	C16
TRAFFIC CONTROL STANDARDS	
TRAFFIC CONTROL STANDARDS	

SCOPE OF WORK

THE PROJECT HAS BEEN DESIGNED BY EASTERLING & ASSOCIATES, INC. WHO IS HEREAFTER REFERRED TO AS DESIGN PROFESSIONAL FOR ALL WORK PERFORMED IN LOT #1 THROUGH LOT #11. EASTERLING & ASSOCIATES, INC. IS ALSO HEREAFTER REFERRED TO AS ENGINEER FOR LOT #1 THROUGH LOT #4. FINAL ACCEPTANCE OF THE WORK FOR LOT #1 THROUGH LOT #4 SHALL REMAIN THE RESPONSIBILITY OF THE CITY OF ALBUQUERQUE. EASTERLING & ASSOCIATES, INC. WILL ACT AS OWNER'S REPRESENTATIVE, ASSUME ALL DUTIES AND RESPONSIBILITIES AND HAVE THE RIGHTS AND AUTHORITY ASSIGNED TO THE DESIGN PROFESSIONAL FOR LOT #1 THROUGH LOT #11 AND AS THAT OF ENGINEER FOR LOT #5 THROUGH LOT #11.

CONTRACTOR SHALL COMPLETE ALL WORK AS SPECIFIED OR INDICATED IN THE CONTRACT DOCUMENTS FOR COORS CENTRAL SHOPPING CENTER, PHASE 1A AND 1B, INFRASTRUCTURE IMPROVEMENTS AND PRIVATE UTILITIES. THE WORK HAS BEEN BROKEN INTO SEPARATE LOTS, #1 THROUGH #11, TO DISTINGUISH PUBLIC FROM PRIVATE. LOTS #1 THROUGH #4 ARE PUBLIC AND SUBJECT TO 85 CITY ENGINEERING FEES. LOTS #5 THROUGH #11 ARE PRIVATE AND NOT SUBJECT TO CITY ENGINEERING FEES. WORK ITEMS ARE GENERALLY DESCRIBED TO BE:

PUBLIC

LOT #1 - COORS ROAD INFRASTRUCTURE IMPROVEMENTS: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT MEDIAN MODIFICATIONS, DECELERATION LANE, MEDIANS, VALLEY GUTTERS, DRIVEWAYS TO CURB RETURNS TO MATCH EXISTING AND PROPOSED GRADES, ALL WORK TO RELOCATE LIGHT POLES, ADJUST MANHOLES, ADJUST VALVE BOXES, RELOCATE FIRE HYDRANTS, REMOVE AND RESTORE EXISTING LANDSCAPE SYSTEMS, ALL COMPLETED ROAD WORK SHALL HAVE PAVEMENT MARKINGS APPLIED IN ACCORDANCE WITH MUTCD AND THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

LOT #2 - CENTRAL AVENUE INFRASTRUCTURE IMPROVEMENTS: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT MEDIAN MODIFICATIONS, DECELERATION LANE, MEDIANS, VALLEY GUTTERS, DRIVEWAYS TO CURB RETURNS TO MATCH EXISTING AND PROPOSED GRADES, ALL WORK TO RELOCATE LIGHT POLES, ADJUST MANHOLES, ADJUST VALVE BOXES, RELOCATE FIRE HYDRANTS, REMOVE AND RESTORE EXISTING LANDSCAPE SYSTEMS, ALL COMPLETED ROAD WORK SHALL HAVE PAVEMENT MARKINGS APPLIED IN ACCORDANCE WITH MUTCD AND THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

LOT #3 - WATERLINE 'A' INFRASTRUCTURE IMPROVEMENTS: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES, NECESSARY TO CONSTRUCT WATERLINE, FIRE HYDRANT EXTENSIONS, FIRE HYDRANTS, VALVES, AND CONNECTIONS TO EXISTING WATER MAINS IN THE LOCATIONS AND OF THE SIZES AND TYPES SHOWN ON THE DRAWINGS. ALL WORK MUST BE COORDINATED WITH ALL OTHER SUBCONTRACTORS PERFORMING SITE GRADING, PAVING, AND BUILDING CONSTRUCTION.

LOT #4 - WATERLINE 'B' INFRASTRUCTURE IMPROVEMENTS: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES, NECESSARY TO CONSTRUCT WATERLINE, FIRE HYDRANT EXTENSIONS, FIRE HYDRANTS, VALVES, AND CONNECTIONS TO EXISTING WATER MAINS IN THE LOCATIONS AND OF THE SIZES AND TYPES SHOWN ON THE DRAWINGS. ALL WORK MUST BE COORDINATED WITH ALL OTHER SUBCONTRACTORS PERFORMING SITE GRADING, PAVING, AND BUILDING CONSTRUCTION.

PRIVATE

LOT #5 - PRIVATE WATERLINES, PHASE 1A: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT DOMESTIC USE AND FIRE WATERLINES, MAKE ALL CONNECTIONS AND METER TAPS, AND EXTEND TO WITHIN FIVE (5) FEET OF BUILDINGS IN THE LOCATIONS AND OF THE SIZES AND TYPES SHOWN ON THE DRAWINGS. ALL LOCATIONS MUST BE FIELD STAKED AND APPROVED BY THE ENGINEER PRIOR TO STARTING CONSTRUCTION. WORK SHALL INCLUDE REMOVAL AND RESTORATION OF EXISTING PAVEMENT, CURB & GUTTER, SIDEWALK, AND LANDSCAPING.

LOT #6 - PRIVATE SANITARY SEWER, PHASE 1A: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT SANITARY SEWER SERVICE, MAKE ALL CONNECTIONS, AND EXTEND TO WITHIN FIVE (5) FEET OF BUILDINGS IN THE LOCATIONS, GRADES, SIZES, AND TYPES SHOWN ON THE DRAWINGS. ALL LOCATIONS MUST BE FIELD STAKED AND APPROVED BY THE ENGINEER PRIOR TO STARTING CONSTRUCTION.

LOT #7 AND #8 - PRIVATE STORM DRAINAGE POND A AND B, PHASE 1A: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT STORM DRAIN LINES, MAKE CONNECTIONS TO EXISTING CATCH BASINS, CONSTRUCT MECHANICAL AND ELECTRICAL CONTROL DEVICES (CONTROL WIRES, ELECTRICAL PANELS, PUMPS, VALVES, ETC.), AND CONSTRUCT OUTLET WORKS AS SHOWN ON THE DRAWINGS. WORK SHALL INCLUDE REMOVAL AND RESTORATION OF EXISTING PAVEMENT, CURB & GUTTER, SIDEWALK, AND LANDSCAPING.

LOT #9 - PRIVATE WATERLINES, PHASE 1B: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT DOMESTIC USE AND FIRE WATERLINES, MAKE ALL CONNECTIONS AND METER TAPS, AND EXTEND TO WITHIN FIVE (5) FEET OF BUILDINGS IN THE LOCATIONS AND OF THE SIZES AND TYPES SHOWN ON THE DRAWINGS. ALL LOCATIONS MUST BE FIELD STAKED AND APPROVED BY THE ENGINEER PRIOR TO STARTING CONSTRUCTION.

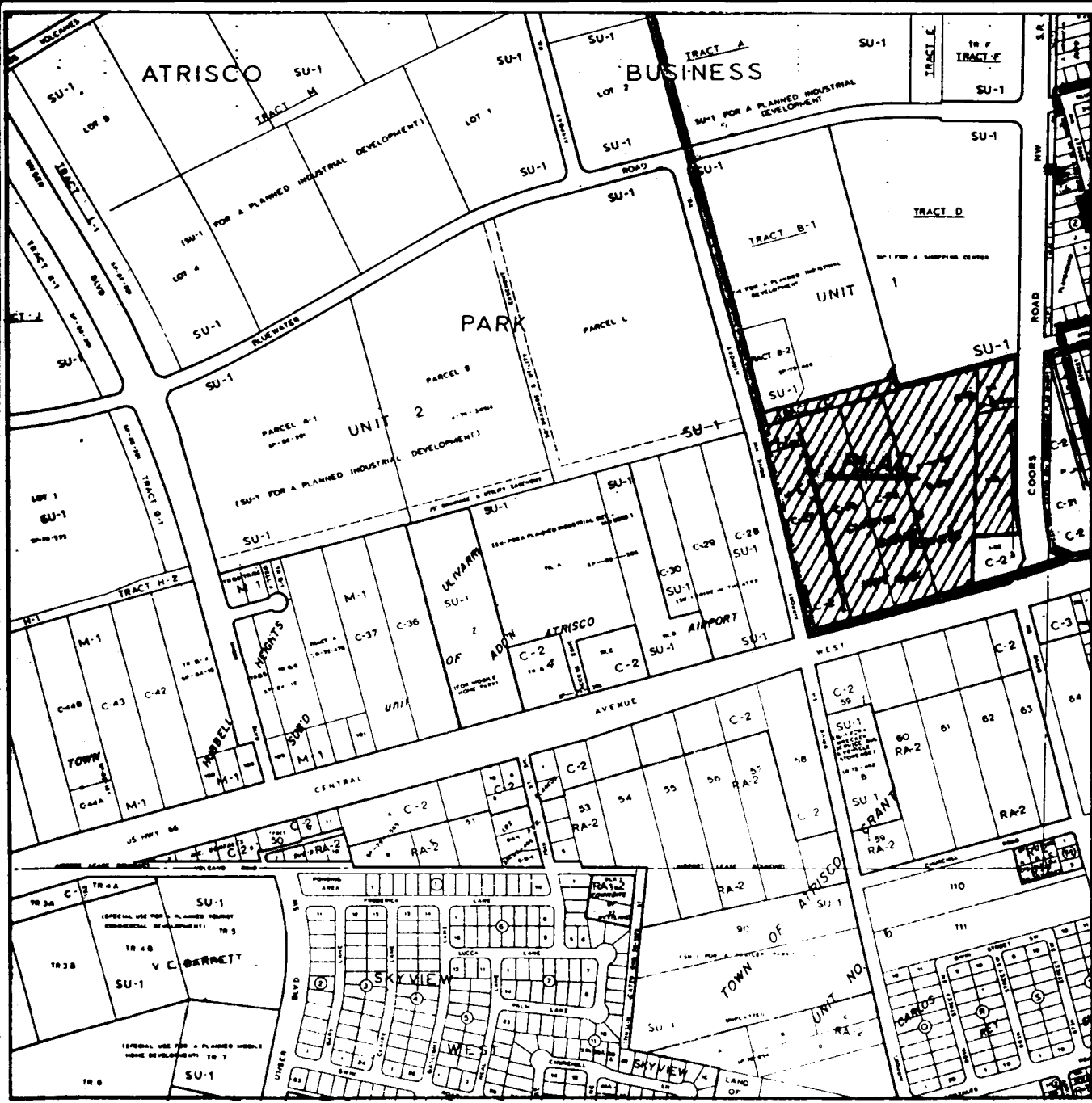
LOT #10 - PRIVATE SANITARY SEWER, PHASE 1B: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT SANITARY SEWER SERVICE, MAKE ALL CONNECTIONS, AND EXTEND TO WITHIN FIVE (5) FEET OF BUILDINGS IN THE LOCATIONS, GRADES, SIZES, AND TYPES SHOWN ON THE DRAWINGS. ALL LOCATIONS MUST BE FIELD STAKED AND APPROVED BY THE ENGINEER PRIOR TO STARTING CONSTRUCTION. WORK SHALL INCLUDE REMOVAL AND RESTORATION OF EXISTING PAVEMENT, CURB & GUTTER, SIDEWALK, AND LANDSCAPING.

LOT #11 - PRIVATE STORM DRAINAGE POND C, PHASE 1B: TO INCLUDE ALL EQUIPMENT, LABOR, MATERIALS, AND PERMIT FEES NECESSARY TO CONSTRUCT STORM DRAIN LINE, MAKE CONNECTIONS TO EXISTING CATCH BASIN, CONSTRUCT OUTLET WORKS, REMOVE AND RESTORE PAVEMENT, SIDEWALK, AND LANDSCAPING, AS NECESSARY, TO CONSTRUCT STORM DRAINAGE AS SHOWN ON THE DRAWINGS.

- GENERAL NOTES
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR IN THE SPECIAL PROVISIONS OF THE CONTRACT, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATING 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 WITH MINIMUM AMOUNT OF DELAY.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
 - SIDEWALKS AND WHEELCHAIR RAMPS SHALL BE CONSTRUCTED WITHIN THE CURB RETURNS WHEREVER A NEW CURB RETURN IS CONSTRUCTED FOR ALL DRIVES INTERSECTING PUBLIC RIGHT-OF-WAY.
 - IF CURB IS DERESSED FOR A DRIVE PAD OR A HANDICAP RAMP, THE DRIVE PAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
 - DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN SECTION 6.14 OF THE GENERAL CONDITIONS IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
 - OWNERSHIP OF DOCUMENTS: THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF EASTERLING & ASSOCIATES, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF EASTERLING & ASSOCIATES, INC.
 - CONSTRUCTION SAFETY: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY.

REV. SHEETS	C-48-C-7	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
		3/8/88						
APPROVAL OF REVISIONS								

PLANS PREPARED BY: UTILITIES DEPARTMENT Rev. 9/17/87 Rev. 5-9-88	EASTERLING & ASSOCIATES, INC. CONSULTING ENGINEERS 5643 PARADISE BLVD N.W. ALBUQUERQUE, NEW MEXICO 87114 (505) 898-8021	APPROVED FOR CONSTRUCTION CITY ENGINEER 1/1/88
DATE	PROJECT NO. 3297	SHEET C1 OF

VICINITY MAP
NTS

GENERAL NOTES

- Bearings are grid and based on the New Mexico State Plane Coordinate System, Central Zone, and rotated to grid at the New Mexico State Highway Commission Monument "NM-44B-NIA".
- Distances are ground.
- Distances along curved lines are arc lengths.
- Delta Alpha = $-00^{\circ} 15' 52''$
- Combined ground to grid factor = 0.99967813
- All corners are a 5/8" rebar and survey cap stamped "HUGG LS 5823" unless otherwise indicated.
- Zone Atlas Page K-10

DRB-87-605

NOTE

- There is a reciprocal access, utility, drainage and parking agreement for the entire Hubbell Plaza plat contained in the restrictive covenants filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 18, 1986, in Volume Misc. 373A, pages 732-758.

DECLARATION

The purpose of this replat is to move the proposed City of Albuquerque Well Site, to dedicate additional street right-of-way to the City of Albuquerque in fee simple and to grant additional easements shown hereon.

LEGAL DESCRIPTION

That certain parcel of land situate within the Town of Atrisco Grant in projected Section 22, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising Tracts A, B, C, D and E, Hubbell Plaza, as the same is shown and designated on the plat entitled "TRACTS A THRU F, HUBBELL PLAZA, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on August 15, 1986, in Volume C31, folio 75, TOGETHER WITH Lot 1 of Tract C-27, Airport Unit of the Town of Atrisco Grant, as the same is shown and designated on the plat entitled "LOTS 1 & 2 OF TRACT C-27, AIRPORT UNIT OF THE TOWN OF ATRISCO GRANT" filed in the office of the County Clerk of Bernalillo County, New Mexico, on February 15, 1983, in Volume C 20, folio 170, more particularly described as follows:

BEGINNING at the Southeast corner of said Tract B and the Southeast corner of the parcel herein described, a point on the Northerly right of way line of Central Avenue West, whence the New Mexico State Highway Commission Monument "NM-44B-NIA" bears N $75^{\circ} 11' 04''$ E, 336.63 feet distant; Thence,

S $74^{\circ} 58' 33''$ W, 803.48 feet along said Northwesterly right of way line of Central Avenue West to a point on curve on the Easterly right of way line of Airport Drive N. W.; Thence,

Northwesterly, 30.11 feet along said Easterly right of way line of Airport Drive N. W. on the arc of a curve to the right (said curve having a radius of 25.04 feet and a chord which bears N $47^{\circ} 28' 10''$ W, 28.33 feet to a point of tangency; Thence,

N $13^{\circ} 02' 09''$ W, 1011.80 feet along said Easterly right of way line of Airport Drive N. W. to a point; Thence,

S $75^{\circ} 04' 42''$ W, 2.02 feet along said Easterly right of way line of Airport Drive N. W. to a point; Thence,

N $15^{\circ} 01' 43''$ W, 74.05 feet along said Easterly right of way line of Airport Drive N. W. to the Northwest corner of said Tract A and the Northwest corner of the parcel herein described; Thence,

N $75^{\circ} 01' 30''$ E, 650.12 feet along the Northerly line of said Tract A to a point; Thence,

N $30^{\circ} 01' 00''$ E, 72.05 feet along said Northerly line of Tract A to a point; Thence,

S $15^{\circ} 01' 34''$ E, 95.00 feet along said Northerly line of Tract A to a point; Thence,

N $75^{\circ} 01' 30''$ E, 584.70 feet along said Northerly line of Tract A and the Northerly line of said Tract C to the Northeast corner of said Tract C, a point on the Westerly right of way line of Coors Road North, and the Northeast corner of the parcel herein described; Thence Southerly along said Westerly right of way line of Coors Road North on the following four (4) courses,

S $00^{\circ} 37' 50''$ W, 31.14 feet to a point; Thence,

S $75^{\circ} 01' 30''$ W, 2.82 feet to a point; Thence,

S $02^{\circ} 22' 55''$ W, 523.79 feet to a point of curvature; Thence,

Southeasterly, 293.69 feet on the arc of a curve to the left (said curve having a radius of 1988.00 feet and a chord which bears S $03^{\circ} 36' 26''$ E, 293.42 feet) to a point on curve, said point being the Southeast corner of said Tract E; Thence,

N $89^{\circ} 22' 10''$ W, 197.49 feet along the Southerly line of said Tract E to the Southwest corner of said Tract E, a point on the Easterly line of said Tract B; Thence,

S $00^{\circ} 37' 50''$ W, 311.44 feet along said Easterly line of Tract B to the Southeast corner and point of beginning of the parcel herein described.

Said parcel contains 27.4217 acres, more or less.

8710131

TRACTS A-1, A-2 AND B-1 THRU E-1

(BEING A REPLAT OF TRACTS A THRU F, HUBBELL PLAZA AND LOT 1, OF TRACT C-27, AIRPORT UNIT OF THE TOWN OF ATRISCO GRANT)

HUBBELL PLAZA
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

AUGUST, 1987

APPROVALS

Traffic Engineer, City of Albuquerque
Public Works Department

Date

Chief City Surveyor, City of Albuquerque
Public Works Department

Date

Utility Development Division, City of Albuquerque
Public Works Department

Date

Albuquerque Metropolitan Arroyo Flood
Control Authority

Date

City Engineer, City of Albuquerque
Public Works Department

Date

Property Management, City of Albuquerque

Date

Parks and Recreation Department, City of Albuquerque

Date

APPROVAL as specified by the Albuquerque Subdivision Ordinance.

Chairman, Albuquerque/Bernalillo County
Development Review Board

Date

SURVEYORS CERTIFICATION

I, Garry P. Hugg, New Mexico Professional Land Surveyor Number 5823, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my supervision; that it meets the Standards for Land Surveys in New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Land Surveyors; that it meets the minimum requirements for surveys and monumentation of the Albuquerque Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.

Garry P. Hugg
NMPLS No. 5823
August 7, 1987

SHEET 1 OF 4

Hugg surveying, inc.
4100 Southern Blvd., S.E., Suite 180-C, Rio Rancho, New Mexico 87124 Phone: (505) 852-4900

8710131

TRACTS A-1, A-2 AND B-1 THRU E-1

(BEING A REPLAT OF TRACTS A THRU F, HUBBELL PLAZA AND LOT 1, OF TRACT C-27, AIRPORT UNIT OF THE TOWN OF ATRISCO GRANT)

HUBBELL PLAZA
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

AUGUST, 1987

SURVEYED and REPLATED and now comprising TRACTS A-1, A-2 AND B-1 THRU E-1, (BEING A REPLAT OF TRACTS A THRU F, HUBBELL PLAZA AND LOT 1, OF TRACT C-27, AIRPORT UNIT OF THE TOWN OF ATRISCO GRANT), HUBBELL PLAZA, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, with the free consent and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby consent to all of the foregoing and do hereby certify that they are so authorized to act, and do hereby dedicate to the City of Albuquerque in fee simple all additional right-of-way shown hereon, and do hereby grant all additional utility easements shown hereon to the City of Albuquerque.

Werner Kindermann by Peter Reimann, his attorney-in-fact

COORS CENTRAL, LTD.

Greg L. Foltz, General Partner

CITY OF ALBUQUERQUE

Chief Administrative Officer
City of Albuquerque

ATTEST:

By:

Municipal Clerk, City of Albuquerque

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS

On this 7th day of August, 1987, before me the undersigned, a Notary Public, personally appeared Greg L. Foltz, to me known to be a General Partner in Coors Central, Ltd., who acknowledged to me that he signed and sealed the accompanying instrument on behalf of said partnership.

Notary Public

1-11-10

ACKNOWLEDGEMENT

STATE OF NEW MEXICO SS
COUNTY OF SANDOVAL

On this 15th day of August, 1987, before me the undersigned, a Notary Public, personally appeared Peter Reimann, known by me to be attorney-in-fact for Werner Kindermann, who acknowledged to me that he signed and sealed the accompanying instrument as his free and voluntary act and deed on behalf of said Werner Kindermann.

Notary Public

NOTE: Prior to development, City of Albuquerque Water and Sanitary Sewer Service to these tracts must be verified and coordinated with the Public Works Department, City of Albuquerque, via a request for a water and sanitary sewer availability statement.

ACKNOWLEDGEMENT

STATE OF NEW MEXICO SS
COUNTY OF SANDOVAL

On this 7th day of August, 1987, before me the undersigned, a Notary Public, personally appeared Garry P. Hugg, to me known to be New Mexico Professional Land Surveyor Number 5823, who acknowledged to me that he signed and sealed the accompanying Surveyors Certification as his free and voluntary act and deed.

Notary Public

ACKNOWLEDGEMENT

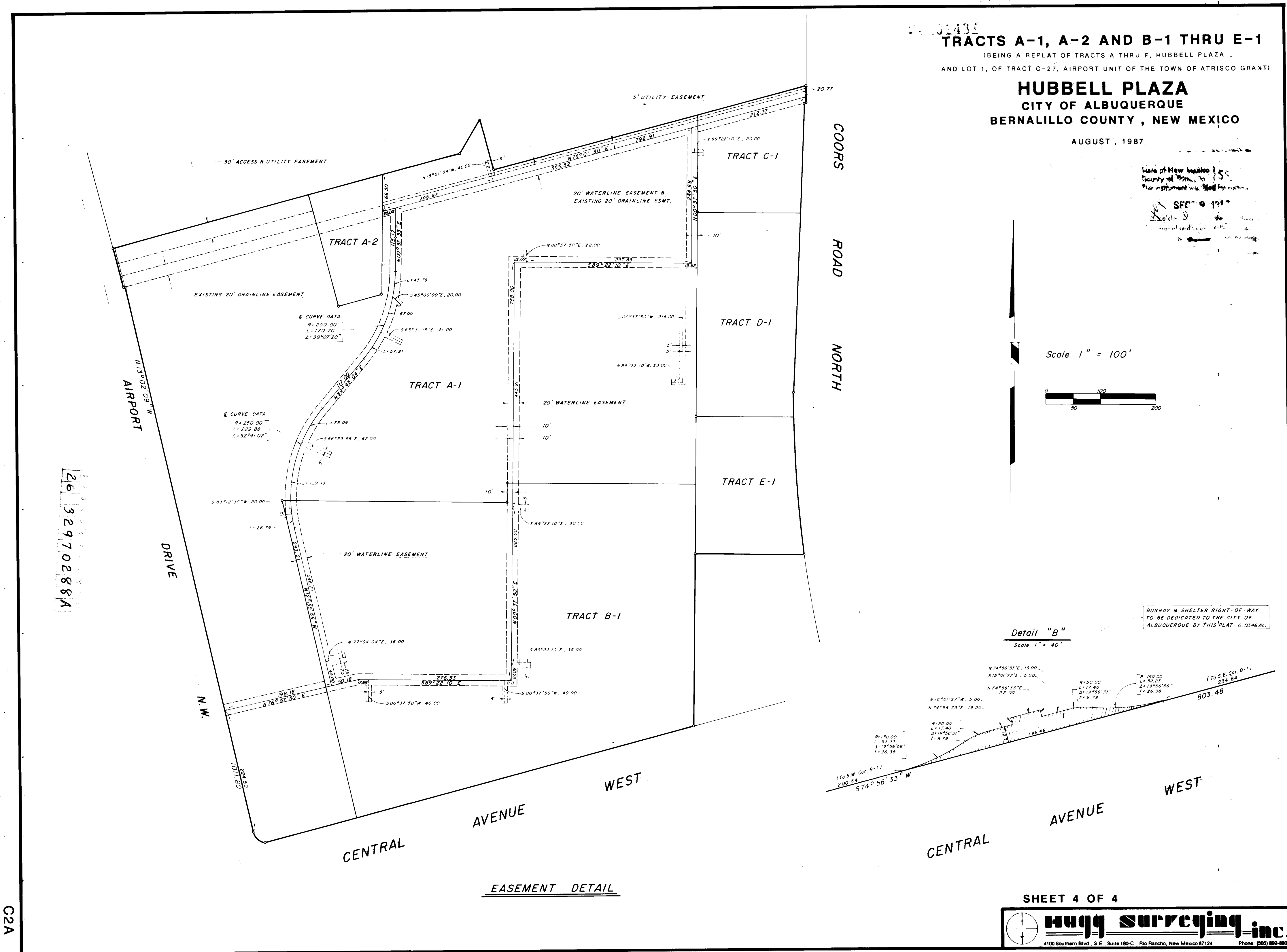
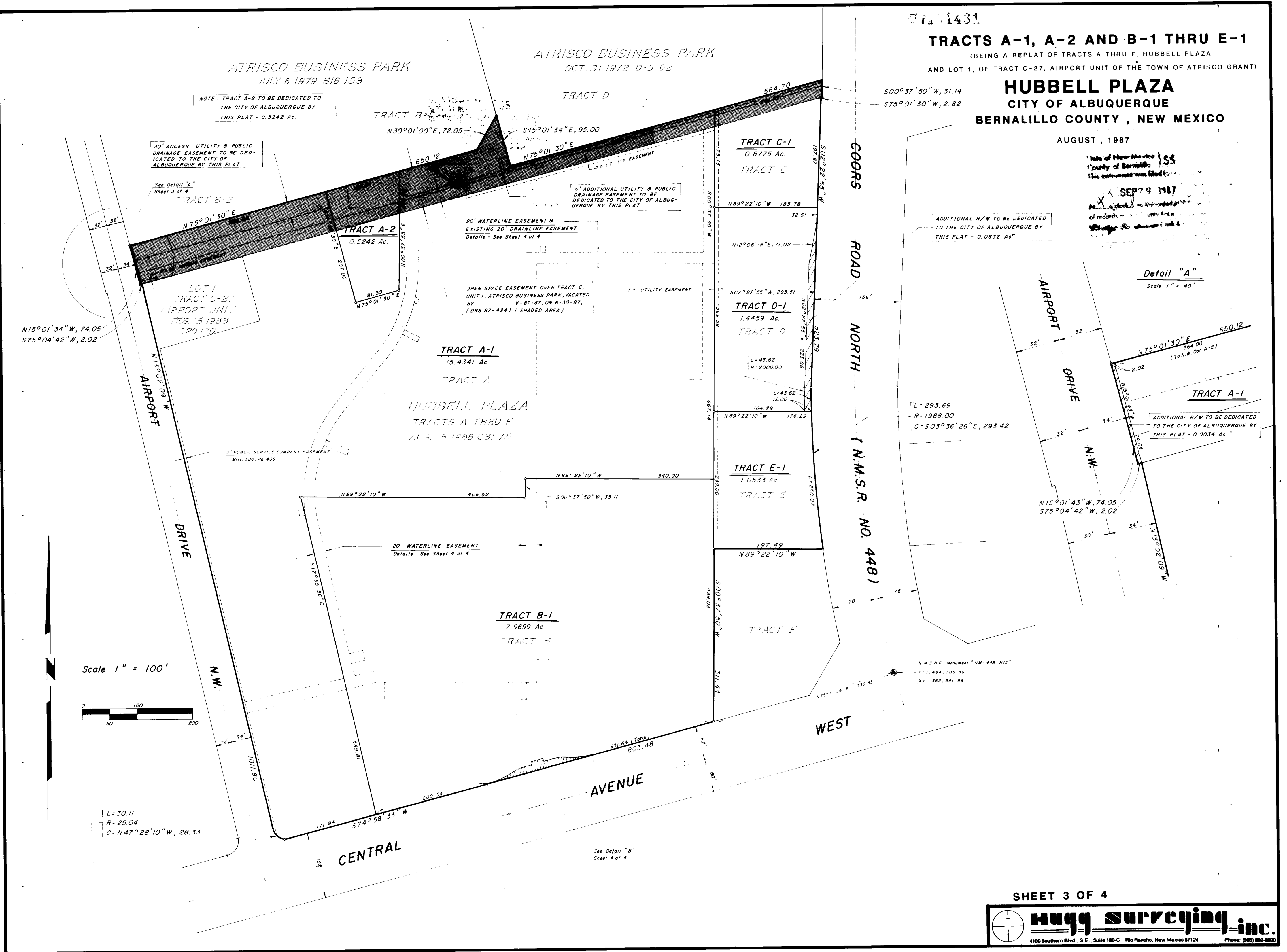
STATE OF NEW MEXICO SS
COUNTY OF SANDOVAL

On this day of August, 1987, before me the undersigned, a Notary Public, personally appeared _____, to me known to be Chief Administrative Officer of the City of Albuquerque, who acknowledged to me that he signed and sealed the accompanying instrument on behalf of said City of Albuquerque and that he is so authorized to act.

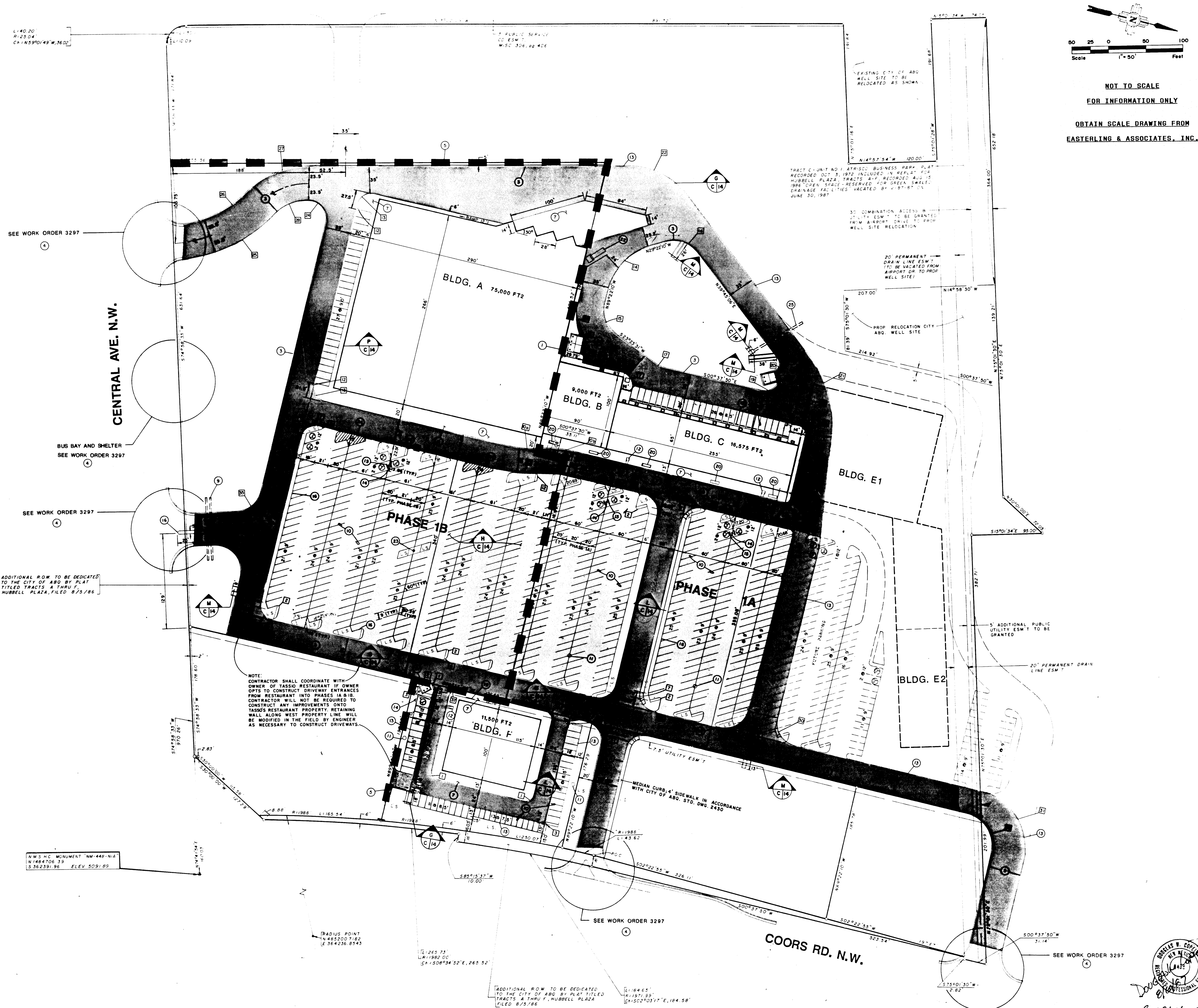
Notary Public

SHEET 2 OF 4

Hugg surveying, inc.
4100 Southern Blvd., S.E., Suite 180-C, Rio Rancho, New Mexico 87124 Phone: (505) 852-4900

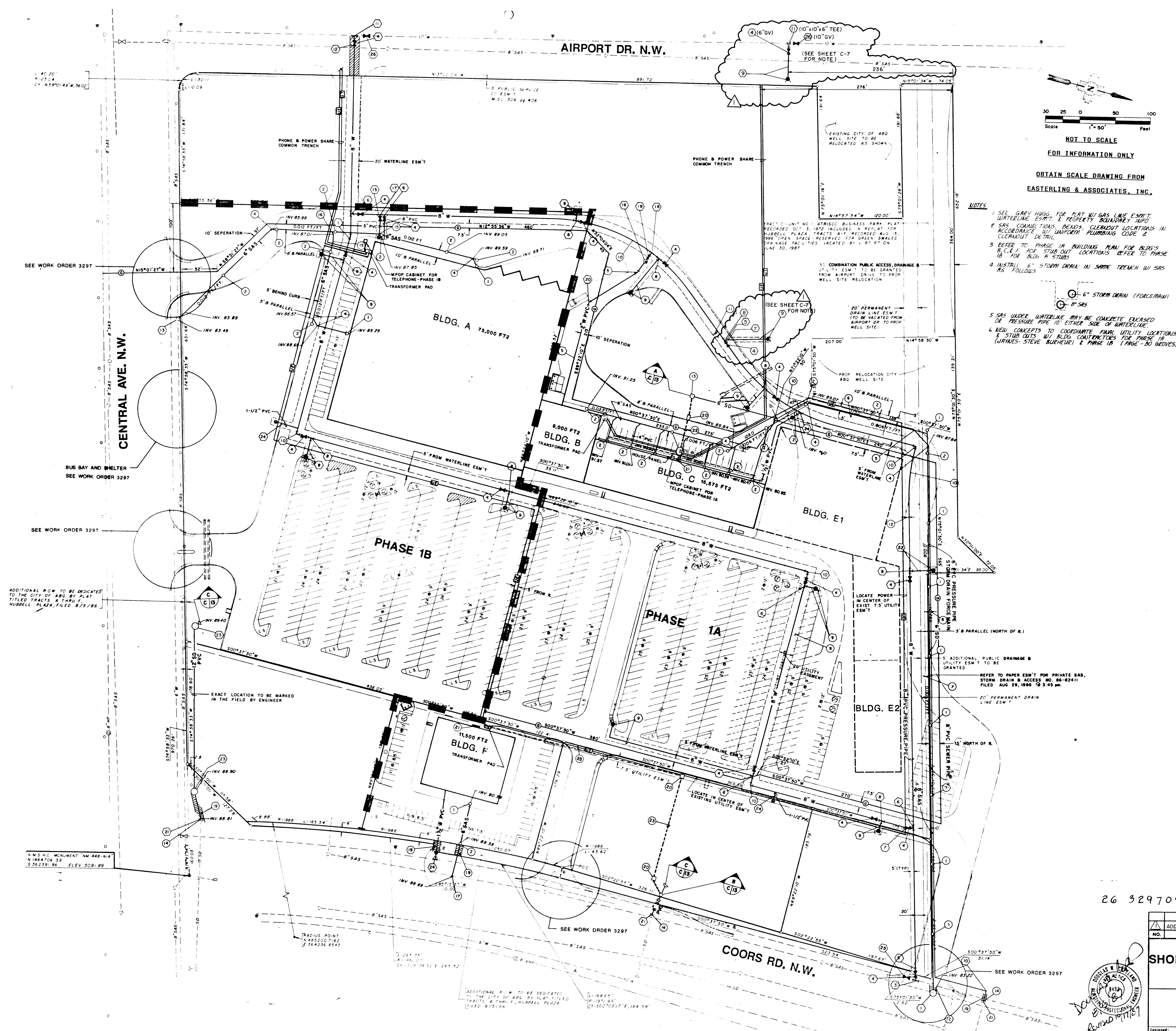


AIRPORT DR. N.W.

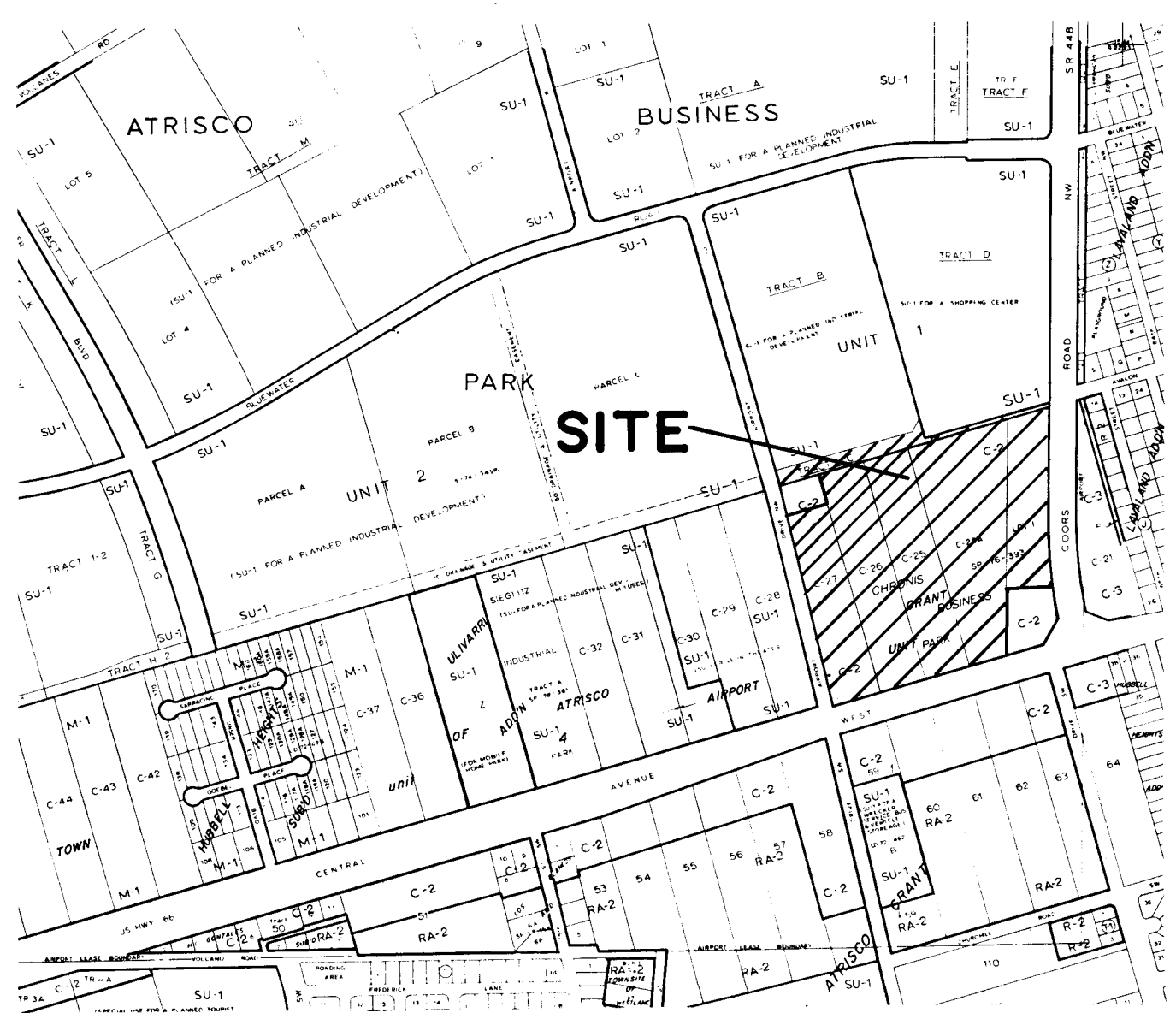


26 32970388

NO.	REVISIONS	BY	DATE
COORS & CENTRAL			
SHOPPING CENTER - PHASE 1A & 1B			
SITE DIMENSION PLAN			
EASTERLING & ASSOCIATES, INC.			
CONSULTING ENGINEERS			
5643 Paradise Blvd. N.W.			
Albuquerque, New Mexico 87114			
Designed: DWG	Drawn: STAFF	Checked: DWG	Sheet
Job No: 702206	Date: AUGUST 1987		C3



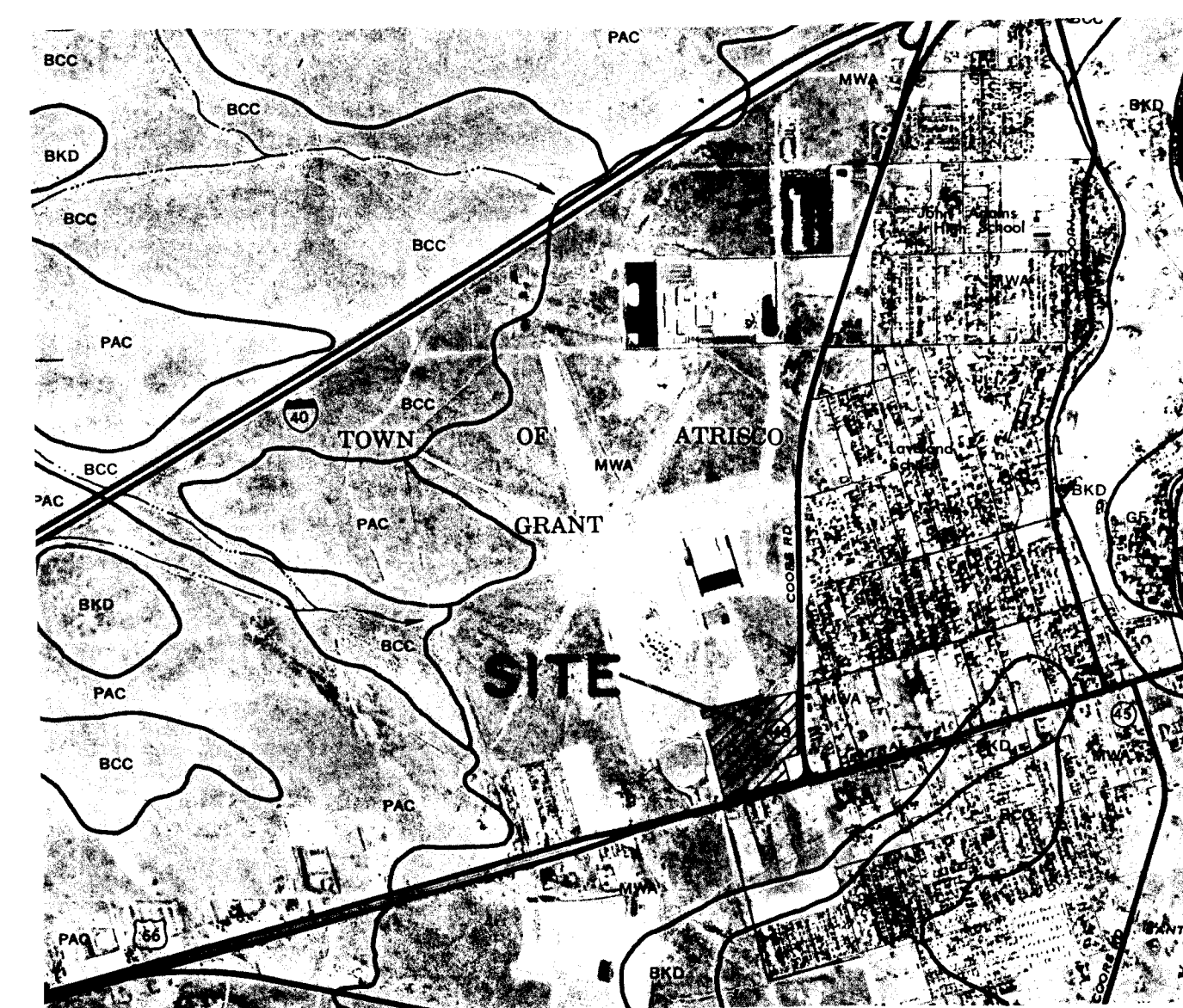
VICINITY MAP Bernalillo County Zone Atlas Map No. K-10



FLOOD HAZARD MAP & OFFSITE FLOWS From F.E.M.A. Map No. 27



SOILS MAP From Soil Survey, Bernalillo County—U.S.D.A., S.C.S. Map No. 30



COORS & CENTRAL SHOPPING CENTER GRADING AND DRAINAGE PLAN FOR COORS/CENTRAL LTD.

OVERVIEW GRADING AND DRAINAGE PLAN

EXISTING:

THE PROPOSED SITE IS CURRENTLY UNDEVELOPED. SITE INSPECTION REVEALS THAT THERE IS NO OFF-SITE FLOWS ENTERING THE SITE WITH THE ONE EXCEPTION OF MINOR RUN-OFF FROM THE PORTION OF CENTRAL AVENUE WHICH THE SITE FRONTS ONTO. BASED ON THE CROSS SLOPE OF THE CONCRETE DRAINAGE APRON ON AIRPORT ROAD, WATER RUNS OFF OF AIRPORT ROAD TO THE WEST. COORS ROAD HAS CURB, GUTTER, AND STORM DRAIN INLETS ON THE EAST. SMITH LEATHER, THE ADJACENT PROPERTY OWNER TO THE NORTHWEST, HAS ITS RUN-OFF RETAINED IN A RETENTION POND ON-SITE.

PROPOSED:

PURSUANT TO THE CONDITIONS STIPULATED IN THE "WEST BLUFF OUTFALL STUDY," THREE PERMANENT PONDS HAVE BEEN DESIGNED TO DETAIN THE 100-YEAR OR SMALLER STORM RUN-OFF VOLUME. AN ADDITIONAL TEMPORARY DESILTING POND WILL BE CONSTRUCTED NORTH OF THE DEVELOPMENT TO CATCH SEDIMENT FROM NEWLY CONSTRUCTED EMBANKMENTS UNTIL SUCH TIME AS EROSION CONTROL MEASURES ARE FULLY IN PLACE. EACH OF THE PERMANENT PONDS WILL FUNCTION IN THE FOLLOWING MANNER:

POND A WILL DETAIN ALL CONTRIBUTING FLOWS FOR A MINIMUM OF 2 HOURS AND DISCHARGE THROUGH A 6"-INCH PVC FORCE MAIN WHICH WILL CONNECT TO AN EXISTING CATCH BASIN IN COORS ROAD. A SIMPLEX SUMP PUMP SYSTEM, WATER LEVEL SENSING DEVICE, AND DELAY TIMER WILL BE INSTALLED TO PUMP INTO THE FORCE MAIN. DISCHARGE WILL BE CONTROLLED AT A RATE NOT TO EXCEED 0.2 FT³/ACRE.

POND B WILL DETAIN ALL CONTRIBUTING FLOWS FOR A MINIMUM OF 2 HOURS AND DISCHARGE THROUGH AN 8"-INCH CONNECTING PIPE TO THE BACK OF AN EXISTING CATCH BASIN. WATER LEVEL SENSING CONTROLS AND DELAY TIMER WILL BE USED TO ACTUATE AN IN-LINE 8"-INCH DIAMETER MOTOR DRIVEN BUTTERFLY VALVE AFTER A 2-HOUR TIME DELAY HAS ELAPSED. DISCHARGE WILL BE CONTROLLED AT A RATE NOT TO EXCEED 0.2 FT³/ACRE.

POND C WILL DETAIN ALL CONTRIBUTING RUN-OFF AND DISCHARGE THROUGH A 12"-INCH PRIVATE STORM DRAIN CONNECTION INTO THE BACK OF AN EXISTING CATCH BASIN. THE PRIVATE STORM DRAIN WILL DISCHARGE AT A CONTROLLED RATE OF APPROXIMATELY 1.5 CFS.

THE 10-YEAR RUN-OFF EVENT FOR DRAINAGE AREAS 1, 2, 3, 5, 7 AND A PORTION OF 6 CAN BE CONTAINED IN THE POND VOLUMES FOR PONDS A, B, AND C. THE 100-YEAR RUN-OFF EVENT WILL STAND IN THE PARKING LOT AREA AS SHOWN FOR PONDS A, B, AND C. DRAINAGE AREA 4 WILL RUN INTO COORS ROAD THROUGH 18" SIDEWALK CULVERT AND FLOW SOUTH IN GUTTER TO CATCH BASIN AT CORNER OF COORS AND CENTRAL. RUN-OFF FROM THE UNDEVELOPED PORTION OF AREA 5 WILL BE RETAINED IN TEMPORARY POND ADJACENT TO PHASE BOUNDARY TO DEBILT WATER AND ALLOW NATURAL INFILTRATION OF RUN-OFF. TEMPORARY POND AREA TO BE DEFINED BY 18" HIGH DIRT BERM. UNDEVELOPED AREA 6 TO BE RETAINED IN TEMPORARY DESILTING POND NORTH OF PROJECT. FUTURE PHASES WILL ADDRESS DEVELOPED RUN-OFF FROM THIS AREA.

POND VOLUME CALCULATIONS

INSTRUMENT O-BAC #42290 PLANIMETER
BAR SETTING @ 555.3

MULTIPLIER @ 50 SCALE = 62.5 FT²/UNIT

POND A - POND VOLUME WILL NEED TO BE LARGE ENOUGH TO ACCOMMODATE DEVELOPED RUN-OFF FROM AREAS 1, 5, AND 7. THE EXACT SHADING SCHEMES FOR AREAS 5 AND 7 ARE NOT KNOWN AT THIS TIME, BUT ARE ASSIGNED TO FLOW INTO POND A VIA CULVERT PIPE AND/OR SURFACE DRAINAGE. THE 100-YEAR DEVELOPED RUN-OFF RATE FOR AREAS 1, 5 AND 7 IS CALCULATED TO BE 76,343 FT³.

CONTOUR	PLANIMETER READING	AREA (FT ²)
5085.8	200	12,500
5086	214	13,344
5087	233	14,487
5088	264	16,406
5089	281	17,561
5090	318	19,781
5090.8	110	6,875

355 360 22,343
200 214 12,500

USING END AREA METHOD

5085.8 --> 5086 (0.2)(12,500 + 13,344) = 2,557 FT³

5086 --> 5087 (1.0)(13,344 + 14,487) = 14,016 FT³

5087 --> 5088 (1.0)(14,487 + 16,406) = 15,446 FT³

5088 --> 5089 (1.0)(16,406 + 17,561) = 17,343 FT³

5089 --> 5090 (1.0)(17,561 + 19,781) = 19,031 FT³

5090 --> 5090.8 (0.8)(19,781 + 22,343) = 16,850 FT³

PARKING LOT DRIVE 102,381(190.8 - 89.0) = 7,763 FT³

5090 --> 5090.8 102,381(190.8 - 89.0) = 7,763 FT³

TOTAL 93,008 FT³

POND A RATE OF DISCHARGE WITH ONE 482 GPM PUMPS OPERATING EQUALS

7.48 GAL. X 92,919 CF X 1 MIN. X 1 HOUR = 24 HOURS
482 GAL. 60 MIN.

FLOW RATE = 1.074 CFS OR 0.008 CFS/ACRE

POND B - POND VOLUME WILL NEED TO BE LARGE ENOUGH TO ACCOMMODATE DEVELOPED RUN-OFF FROM AREA 2 PLUS APPROXIMATELY 0.87 ACRES OF AREA 5 SHOULD FUTURE PHASES DIRECT A PORTION OF AREA 5 INTO POND B.

AREA 1 DEVELOPED RUN-OFF RATES FOR 100-YEAR EVENT IS USED TO ESTIMATE MAXIMUM DEVELOPED RUN-OFF INTO POND B.
MAXIMUM RUN-OFF VOLUME/ACRE = 35,078 = 5,568 FT³/ACRE
6.3

POND B REQUIRED SIZE = (5.4 + 0.87)ACRES X 5,568 FT³/ACRE
= 34,800 FT³

USING PLANIMETER INSTRUMENT AND SETTINGS REFERENCED IN POND A CALCULATIONS, END AREA METHOD YIELDS:

CONTOUR PLANIMETER READING AREA (FT²)

5081.00 460 460 28,750

5082.00 482 482 30,642

5082.32 508 508 32,856

(NOT INCLUDING DRIVE LANE)

USING END AREA CALCULATION METHOD:

5081.00 --> 5082.00 (1.0)(28,750 + 30,642) = 29,796 FT³

5082.00 --> 5082.32 (0.32)(30,642 + 32,856) = 10,159 FT³

PARKING LOT DRIVE (1.65)(2)(92.32 - 91.77) = 1,741 FT³

TOTAL 41,696 FT³

POND IS APPROXIMATELY 8,787 FT³ OVERSIZED. THIS GIVES LANDSCAPE PLAN FLEXIBILITY TO CONSTRUCT BERMS WITHIN POND AREA NOT TO EXCEED 5,000 FT³ IN TOTAL AREA.

POND C - POND VOLUME WILL NEED TO BE LARGE ENOUGH TO ACCOMMODATE DEVELOPED RUN-OFF FROM AREA 3 WITH A 100-YEAR DEVELOPED RUN-OFF VOLUME OF 33,510 FT³.

USING PLANIMETER INSTRUMENT AND SETTINGS REFERENCED IN POND A CALCULATIONS, END AREA METHOD YIELDS:

CONTOUR PLANIMETER READING AREA (FT²)

EAST SIDE OF DRIVE

89.70 48 47 2,969

90.00 55 59 3,063

91.00 77 77 4,813

91.24 89 91 5,525

PARKING LOT 271 284 16,719

WEST SIDE OF DRIVE

89.80 154 153 9,893

90.00 164 163 10,219

91.00 187 185 11,882

91.24 204 202 12,825

AREA OUTSIDE OF POND TO THE WEST 82 90 5,375

AVERAGE END AREA METHODS YIELDS:

5089.70 --> 5090.00 (0.31)(2,969 + 3,063) + (0.2)(3,063 + 4,813) = 2,861 FT³

5090.00 --> 5091.00 (1.0)(3,063 + 4,813) + (1.0)(4,813 + 5,525) = 15,076 FT³

5091 --> 5091.24 (0.24)(4,813 + 5,525) + (0.24)(5,525 + 6,237) = 16,273 FT³

PARKING LOT (1)(91.84 - 90.4)(16,719) = 2,354 FT³

TOTAL 42,666 FT³

AREA OUTSIDE OF POND TO THE WEST NOT INCLUDED IN VOLUME CALCULATION AS IT WILL PROBABLY BE FILLED IN DURING FUTURE DEVELOPMENT.

POND VOLUME IS APPROXIMATELY 8,156 FT³ OVERSIZED TO ALLOW FOR MINOR GRADE CHANGES IF NECESSARY TO MAKE OUTLET AND TRANSFER PIPE WORK INTO EXISTING CATCH BASIN.

HYDROLOGY:

A.P. #	DESCRIPTION	AREA (ac.)	HT. (ft.)	LOTH (ft.)	SLOPE (ft/ft)	Tc (min)	SOIL	CN	C	RUNOFF PARAMETERS FOR 2 YEAR EVENT				RUNOFF PARAMETERS FOR 10 YEAR EVENT				RUNOFF PARAMETERS FOR 100 YEAR EVENT			
										P	I	V	Q	P	I	V	Q	P	I	V	Q
1.0	DEVELOPED POND A	6.3	12	840	0.014	<10	B	93.5	0.77	1.16	2.45	13,106	11.7	1.71	3.61	24697	17.34	2.60	5.50	42,646	26.39
2.0	DEVELOPED POND B	5.4	6	595	0.010	<10	B	89.0	0.66	0.98	2.07	5315	7.3	1.45	3.06	11999	10.8	2.20	4.65	23355	16.5
3.0	DEVELOPED POND C	6.0	7	625	0.011	<10	B	93.5	0.79	0.98	2.07	9993	9.7	1.45	3.06	19172	14.4	2.20	4.65	33510	21.9
4.0	DEVELOPED POND D	0.3	2.4	200	0.012	<10	B	95.5	0.85	0.98	2.07	608	0.5	1.45	3.06	1087	0.8	2.20	4.65	1811	1.2
5.0	ONSITE UNDEVELOPED	6.2	7	760	0.009	<10	B	75.0	0.40	0.98	2.07	598	5.1	1.45	3.06	3555	7.5	2.20	4.65	10803	11.5
6.0	ONSITE GRADE & SEED	3.2	9	540	0.017	<10	B	75.0	0.40	0.98	2.07	314	2.7	1.45	3.06	1864	3.9	2.20	4.65	5664	6.0
7.0	ONSITE UNDEVELOPED	1.1	4	260	0.015	<10	B	75.0	0.40	0.98	2.07	107	0.9	1.45	3.06	635	1.3	2.20	4.65	1929	2.0
* 5.0	ONSITE DEVELOPED COND.	6.2	7	760	0.009	<10	B	93.5	0.75	1.16	2.45	12,876	11.4	1.71	3.61	24,264	16.8	2.60	5.50	41,897	25.5
* 7.0	ONSITE DEVELOPED COND.	1.1	4	260	0.015	<10	B	95.0	0.83	1.16	2.45	2,850	2.3	1.71	3.61	5,055	3.4	2.60	5.50	8,376	5.12

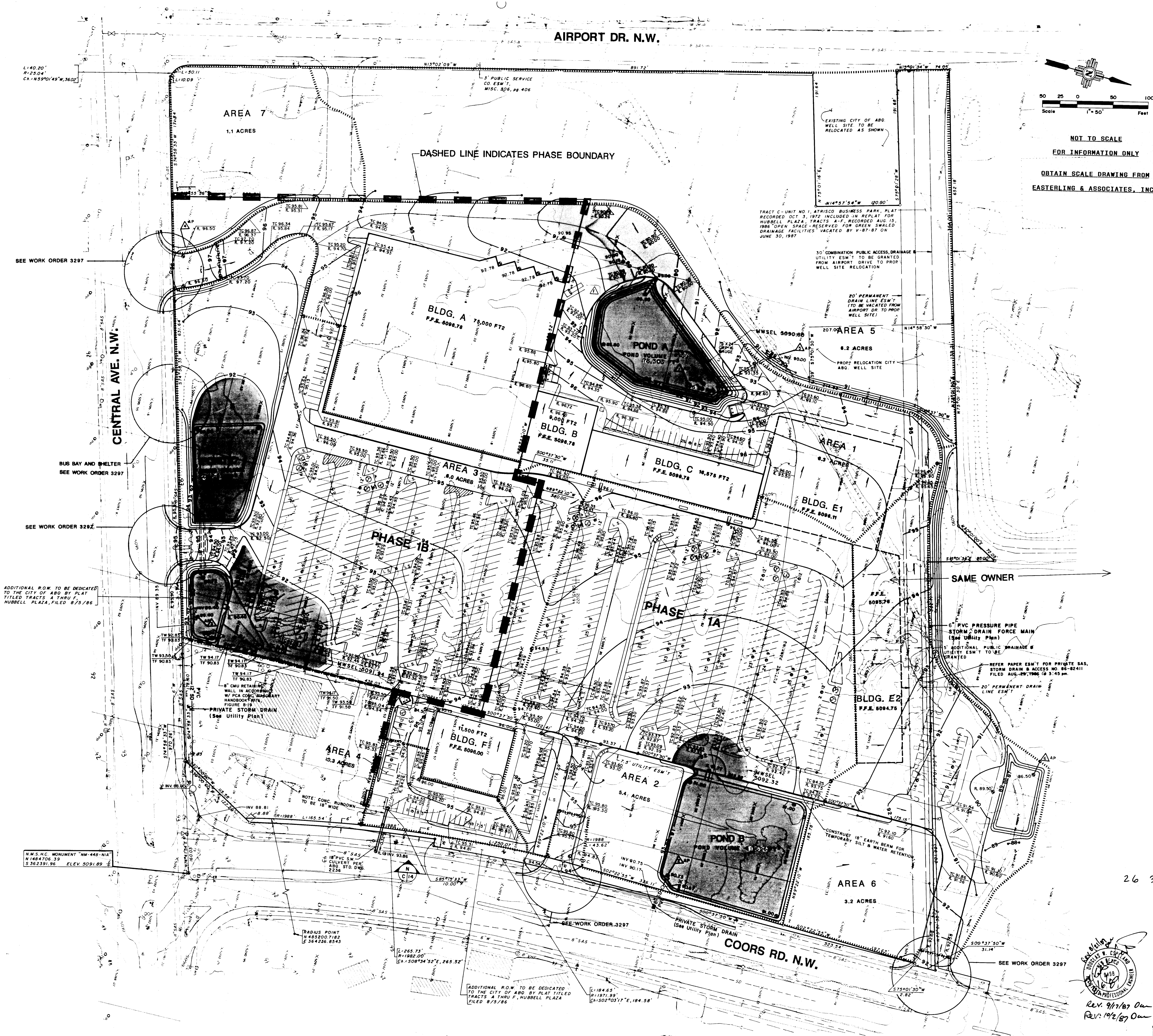
* DEVELOPED RUNOFF RATES FOR AREAS 5 & 7 TO DISCHARGE INTO POND A WHEN SITE IS FULLY DEVELOPED.

SOILS INFORMATION From Soil Survey, Bernalillo County—U.S.D.A., S.C.S.

SOIL SERIES AND MAP SYMBOLS	DEGREE AND KIND OF LIMITATIONS FOR						SUITABILITY AS SOURCE OF—			SOIL FEATURES AFFECTING—			HYDROLOGIC SOIL GROUP
	SEPTIC TANK EFFLUENT FIELDS	SEWAGE LOCATIONS	SHALLOW EXCAVATIONS	WELLS WITHOUT ADJUSTMENTS	ENTRANCE LANDFILL (TYPICAL TYPE)	LOCAL ROAD AND STREETS	ROAD FILL	SAND	GRAVEL	TOPSOIL	POND RESERVOIR AREAS	OTHER LEVELS, AND OTHER ENVIRONMENTAL	
Madura: MdB, MSc, MWA, MWL For Blugood part of MSc, see Blugood series; for Wink part of MWA and MWL, see Wink series.	Slight.....	Moderate: average	Slight.....	Moderate: dark swell.	Slight.....	Moderate: dark swell.	Moderate: shrubs swell.	Unsuitable....	Unsuitable....	Good for sandy loam. Poor for heavy fine sand; low sandy.	Slope if more than 7 percent.	Low strength; piping.	B
*Wink: WdB, WbB, WbM, WbL, WbS, WbT, WbU, WbV, WbW, WbX, WbY, WbZ, WbAA, WbAB, WbAC, WbAD, WbAE, WbAF, WbAG, WbAH, WbAI, WbAJ, WbAK, WbAL, WbAM, WbAN, WbAO, WbAP, WbAQ, WbAR, WbAS, WbAT, WbAU, WbAV, WbAW, WbAX, WbAY, WbAZ, WbBA, WbBB, WbBC, WbBD, WbBE, WbBF, WbBG, WbBH, WbBI, WbBJ, WbBK, WbBL, WbBM, WbBN, WbBO, WbBP, WbBQ, WbBR, WbBS, WbBT, WbBU, WbBV, WbBW, WbBX, WbBY, WbBZ, WbCA, WbCB, WbCC, WbCD, WbCE, WbCF, WbCG, WbCH, WbCI, WbCJ, WbCK, WbCL, WbCM, WbCN, WbCO, WbCP, WbCQ, WbCR, WbCS, WbCT, WbCU, WbCV, WbCW, WbCX, WbCY, WbCZ, WbDA, WbDB, WbDC, WbDD, WbDE, WbDF, WbDG, WbDH, WbDI, WbDJ, WbDK, WbDL, WbDM, WbDN, WbDO, WbDP, WbDQ, WbDR, WbDS, WbDT, WbDU, WbDV, WbDW, WbDX, WbDY, WbDZ, WbEA, WbEB, WbEC, WbED, WbEE, WbEF, WbEG, WbEH, WbEI, WbEJ, WbEK, WbEL, WbEM, WbEN, WbEO, WbEP, WbEQ, WbER, WbES, WbET, WbEU, WbEV, WbEW, WbEX, WbEY, WbEZ, WbFA, WbFB, WbFC, WbFD, WbFE, WbFF, WbFG, WbFH, WbFI, WbFJ, WbFK, WbFL, WbFM, WbFN, WbFO, WbFP, WbFQ, WbFR, WbFS, WbFT, WbFU, WbFV, WbFW, WbFX, WbFY, WbFZ, WbGA, WbGB, WbGC, WbGD, WbGE, WbGF, WbGG, WbGH, WbGI, WbGJ, WbGK, WbGL, WbGM, WbGN, WbGO, WbGP, WbGQ, WbGR, WbGS, WbGT, WbGU, WbGV, WbGW, WbGX, WbGY, WbGZ, WbHA, WbHB, WbHC, WbHD, WbHE, WbHF, WbHG, WbHH, WbHI, WbHJ, WbHK, WbHL, WbHM, WbHN, WbHO, WbHP, WbHQ, WbHR, WbHS, WbHT, WbHU, WbHV, WbHW, WbHX, WbHY, WbHZ, WbIA, WbIB, WbIC, WbID, WbIE, WbIF, WbIG, WbIH, WbIJ, WbIK, WbIL, WbIM, WbIN, WbIO, WbIP, WbIQ, WbIR, WbIS, WbIT, WbIU, WbIV, WbIW, WbIX, WbIY, WbIZ, WbJA, WbJB, WbJC, WbJD, WbJE, WbJF, WbJG, WbJH, WbJI, WbJJ, WbJK, WbJL, WbJM, WbJN, WbJO, WbJP, WbJQ, WbJR, WbJS, WbJT, WbJU, WbJV, WbJW, WbJX, WbJY, WbJZ, WbKA, WbKB, WbKC, WbKD, WbKE, WbKF, WbKG, WbKH, WbKI, WbKJ, WbKL, WbKM, WbKN, WbKO, WbKP, WbKQ, WbKR, WbKS, WbKT, WbKU, WbKV, WbKW, WbKX, WbKY, WbKZ, WbLA, WbLB, WbLC, WbLD, WbLE, WbLF, WbLG, WbLH, WbLI, WbLJ, WbLK, WbLL, WbLM, WbLN, WbLO, WbLP, WbLQ, WbLR, WbLS, WbLT, WbLU, WbLV, WbLW, WbLX, WbLY, WbLZ, WbMA, WbMB, WbMC, WbMD, WbME, WbMF, WbMG, WbMH, WbMI, WbMJ, WbMK, WbML, WbMM, WbMN, WbMO, WbMP, WbMQ, WbMR, WbMS, WbMT, WbMU, WbMV, WbMW, WbMX, WbMY, WbMZ, WbNA, WbNB, WbNC, WbND, WbNE, WbNF, WbNG, WbNH, WbNI, WbNJ, WbNK, WbNL, WbNM, WbNN, WbNO, WbNP, WbNQ, WbNR, WbNS, WbNT, WbNU, WbNV, WbNW, WbNX, WbNY, WbNZ, WbOA, WbOB, WbOC, WbOD, WbOE, WbOF, WbOG, WbOH, WbOI, WbOJ, WbOK, WbOL, WbOM, WbON, WbOO, WbOP, WbOQ, WbOR, WbOS, WbOT, WbOU, WbOV, WbOW, WbOX, WbOY, WbOZ, WbPA, WbPB, WbPC, WbPD, WbPE, WbPF, WbPG, WbPH, WbPI, WbPJ, WbPK, WbPL, WbPM, WbPN, WbPO, WbPP, WbPQ, WbPR, WbPS, WbPT, WbPU, WbPV, WbPW, WbPX, WbPY, WbPZ, WbQA, WbQB, WbQC, WbQD, WbQE, WbQF, WbQG, WbQH, WbQI, WbQJ, WbQK, WbQL, WbQM, WbQN, WbQO, WbQP, WbQQ, WbQR, WbQS, WbQT, WbQU, WbQV, WbQW, WbQX, WbQY, WbQZ, WbRA, WbRB, WbRC, WbRD, WbRE, WbRF, WbRG, WbRH, WbRI, WbRJ, WbRK, WbRL, WbRM, WbRN, WbRO, WbRP, WbRQ, WbRR, WbRS, WbRT, WbRU, WbRV, WbRW, WbRX, WbRY, WbRZ, WbSA, WbSB, WbSC, WbSD, WbSE, WbSF, WbSG, WbSH, WbSI, WbSJ, WbSK, WbSL, WbSM, WbSN, WbSO, WbSP, WbSQ, WbSR, WbSS, WbST, WbSU, WbSV, WbSW, WbSX, WbSY, WbSZ, WbTA, WbTB, WbTC, WbTD, WbTE, WbTF, WbTG, WbTH, WbTI, WbTJ, WbTK, WbTL, WbTM, WbTN, WbTO, WbTP, WbTQ, WbTR, WbTS, WbTT, WbTU, WbTV, WbTW, WbTX, WbTY, WbTZ, WbUA, WbUB, WbUC, WbUD, WbUE, WbUF, WbUG, WbUH, WbUI, WbUJ, WbUK, WbUL, WbUM, WbUN, WbUO, WbUP, WbUQ, WbUR, WbUS, WbUT, WbUU, WbUV, WbUW, WbUX, WbUY, WbUZ, WbVA, WbVB, WbVC, WbVD, WbVE, WbVF, WbVG, WbVH, WbVI, WbVJ, WbVK, WbVL, WbVM, WbVN, WbVO, WbVP, WbVQ, WbVR, WbVS, WbVT, WbVU, WbVV, WbVW, WbVX, WbVY, WbVZ, WbWA, WbWB, WbWC, WbWD, WbWE, WbWF, WbWG, WbWH, WbWI, WbWJ, WbWK, WbWL, WbWM, WbWN, WbWO, WbWP, WbWQ, WbWR, WbWS, WbWT, WbWU, WbWV, WbWW, WbWX, WbWY, WbWZ, WbXA, WbXB, WbXC, WbXD, WbXE, WbXF, WbXG, WbXH, WbXI, WbXJ, WbXK, WbXL, WbXM, WbXN, WbXO, WbXP, WbXQ, WbXR, WbXS, WbXT, WbXU, WbXV, WbXW, WbXX, WbXY, WbXZ, WbYA, WbYB, WbYC, WbYD, WbYE, WbYF, WbYG, WbYH, WbYI, WbYJ, WbYK, WbYL, WbYM, WbYN, WbYO, WbYP, WbYQ, WbYR, WbYS, WbYT, WbYU, WbYV, WbYW, WbYX, WbYY, WbYZ, WbZA, WbZB, WbZC, WbZD, WbZE, WbZF, WbZG, WbZH, WbZI, WbZJ, WbZK, WbZL, WbZM, WbZN, WbZO, WbZP, WbZQ, WbZR, WbZS, WbZT, WbZU, WbZV, WbZW, WbZX, WbZY, WbZZ													
	Slight.....	Severe: seepage.	Slight.....	Slight.....	Slight.....	Slight.....	Fair: low strength.	Unsuitable....	Unsuitable....	Good.....	Seepage.....	Piping; erodes easily.	B

MWA—Madura-Wink association, gently sloping. This mapping unit is about 65 percent a Madura fine sandy loam that has 1 to 5 percent slopes and 25 percent Wink fine sandy loam that has 1 to 7 percent slopes. It is on the East and West Mesas.

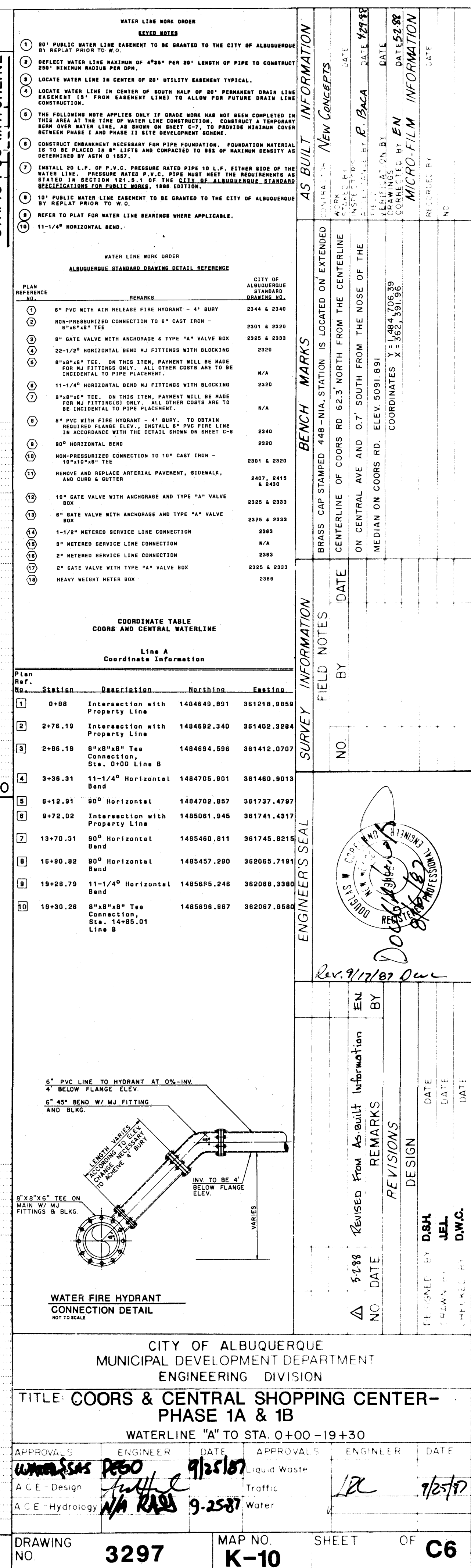
The gently sloping Madura soil is mainly on slightly convex piedmont fans



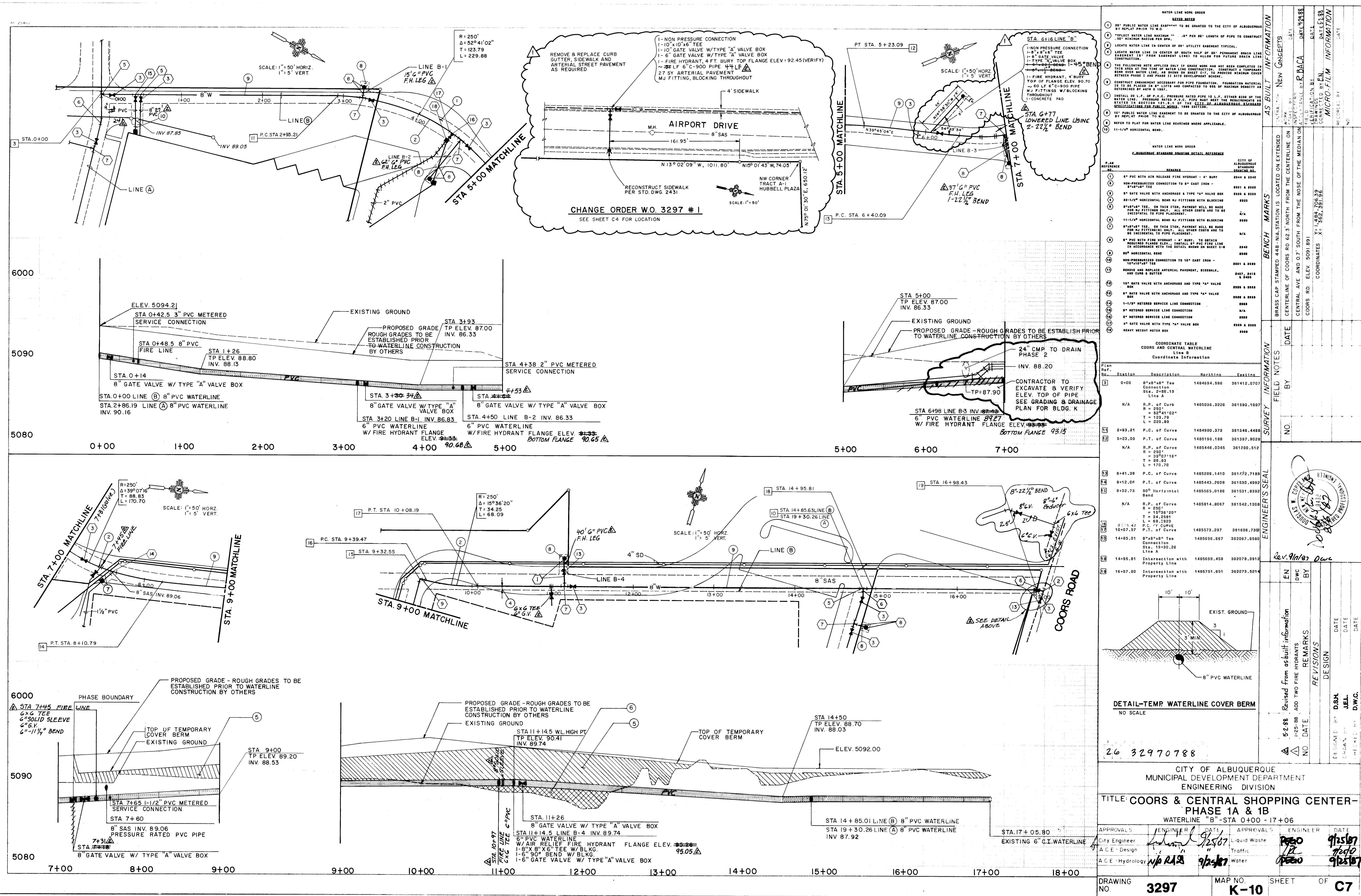
- GENERAL NOTES
1. SITE WORK, GRADING, EARTHWORK, ETC., TO BE COMPLETED AT POINT OF COMMENCEMENT OF CONSTRUCTION. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER. ALL UTILITIES SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 2. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 3. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 4. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 5. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 6. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 7. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 8. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 9. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 10. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 11. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 12. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 13. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 14. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 15. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 16. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.
 17. ALL EXISTING UTILITIES, ETC., SHALL BE MAINTAINED AND PROTECTED. ANY CHANGES TO EXISTING UTILITIES, ETC., SHALL BE APPROVED BY THE CITY OF DENVER.

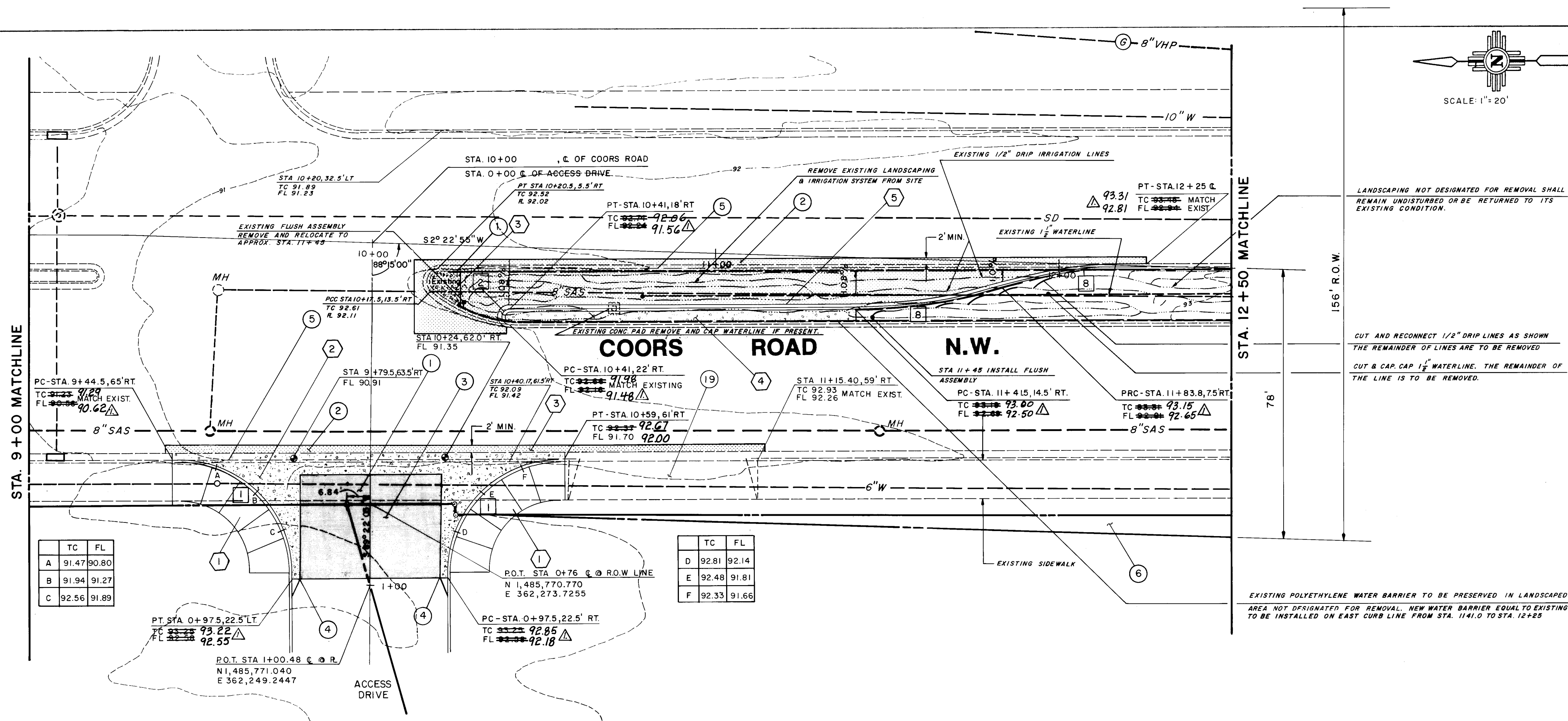
26 32970588A

REV. U.S. EL. (POND B) TO 90.8 - ELIMINATED T.C. ELEV'S	DWC	10-87
NO.	REVISIONS	BY DATE
COORS & CENTRAL SHOPPING CENTER - PHASE 1A & 1B SITE GRADING AND DRAINAGE PLAN		
EASTERLING & ASSOCIATES, INC. CONSULTING ENGINEERS		
DESIGNED: DWC	DRAWN: STAFF	CHECKED: DWC
DATE: 7/3/86	DATE: AUGUST 1987	SHEET: C5A



26 32970688





	TC	FL
A	91.47	90.80
B	91.94	91.27
C	92.56	91.89

	TC	FL
D	92.81	92.14
E	92.48	91.81
F	92.33	91.66

KEYED NOTES - MEDIAN MODIFICATION

NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

1 REMOVE AND DISPOSE OF EXISTING SIDEWALK, OR MEDIAN PAVING AS INDICATED ON THE PLANS.

2 REMOVE EXISTING ASPHALT PAVEMENT. SQUARE CUT AND TACK ALL PAVEMENT EDGES PRIOR TO RE-PAVING.

3 ACCESS DRIVE PAVEMENT TO BE CONSTRUCTED BY OTHERS IN ACCORDANCE WITH ARCHITECTURAL SITE DEVELOPMENT PLAN.

4 TRANSITION FROM VALLEY GUTTER 6" STAND-UP CURB TO 6" PERMA-CURB OR MEDIAN CURB (SEE ARCHITECTURAL SITE PLAN) WITHIN 5' HORIZONTAL DISTANCE.

5 REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER.

6 ADDITION RIGHT-OF-WAY GRANTED TO CITY OF ALBUQUERQUE WITH FILING OF HUBBELL PLAZA PLAT.

7 CONSTRUCT CONCRETE FILLET FROM P.C. TO STA. 13+47.5 WITH 8" CURB FACE. MATCH INVERT OF VALLEY GUTTER AT STA. 13+47.5.

8 REMOVE EXISTING SIDEWALK. CONSTRUCT NEW 6" SIDEWALK. TRANSITION SIDEWALK FROM 12" WIDE TO MATCH NEW 6" WIDE SIDEWALK WITHIN 50'.

9 CONSTRUCT 6" WIDE VALLEY GUTTER IN ACCORDANCE WITH SECTION A-A, CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2400. GRADE INVERT CONCRETE VALLEY GUTTER TO MATCH EXISTING GRADES AND SLOPE. IN-SLOPE DECELERATION LANE AT 2% CROSS-SLOPE TO DRAIN INTO CONCRETE VALLEY GUTTER.

10 CONSTRUCT WHEEL CHAIR RAMP THROUGH MEDIAN ISLAND IN ACCORDANCE WITH SECTION A-A, CONSTRUCTION REQUIREMENTS.

11 RELOCATE LIGHT POLE AND BASE TO LOCATION SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH POWER COMPANY PRIOR TO RELOCATING. CONTRACTOR SHALL PAY ALL COSTS AND PERMIT FEES ASSOCIATED WITH LIGHT POLE RELOCATION WORK.

12 RELOCATE TRAFFIC CONTROL DEVICE/SIGN TO NEW LOCATIONS, AS SHOWN.

13 EXISTING POWER POLE TO BE RELOCATED BY PUBLIC SERVICE COMPANY OF NEW MEXICO. CONTRACTOR TO COORDINATE AND PAY ALL COSTS AND PERMIT FEES.

14 DRIVEWAY MEDIAN TO BE CONSTRUCTED WITH 6"x8" EXTRUDED CONCRETE PERMA-CURB.

15 CONSTRUCT 4" DIAMETER PVC DRAIN LINES THROUGH CURB WITH 3% SLOPE AWAY FROM ROADWAY TO DRAIN ROADWAY INTO SWALE BACK OF CURB OR INTO ADJACENT POND ON SITE.

16 CONSTRUCT SWALE BACK OF SIDEWALK TO CARRY RUNOFF FROM ROADWAY TO POND ON SITE.

17 18" DIAMETER CORRUGATED METAL PIPE, 2-2/3"x1/8" CORRUGATION, GALVANIZED, 0.084 INCH METAL THICKNESS, 12" MINIMUM COVER, 2% MINIMUM LONGITUDINAL SLOPE.

18 REMOVE EXISTING CATCH BASIN AND REPLACE WITH DOUBLE D CATCH BASIN IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2204. TOP OF GRATE ELEV. 92.82.

19 REMOVE AND DISPOSE OF EXISTING DRIVE PAD AND REPLACE WITH STANDARD CURB AND GUTTER AND SIDEWALK, WHERE APPLICABLE.

20 CONSTRUCT 4" WIDE VALLEY GUTTER AT TRAFFIC ISLAND IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET C-9.

AS BUILT INFORMATION

CONTRACT NO. 2019-0000000000

DATE 12/14/23

INSPECTOR BY P. BACA

DATE 12/14/23

FIELD ENGINEER BY P. BACA

DATE 12/14/23

VERIFICATION BY P. BACA

DATE 12/14/23

CORRECTED BY P. BACA

DATE 12/14/23

RECORDED BY P. BACA

DATE 12/14/23

NO

ALBUQUERQUE STANDARD DRAWING DETAIL REFERENCE

NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

PLAN REFERENCE NO.	REMARKS	CITY OF ALBUQUERQUE STANDARD DRAWING NO.
1	CONSTRUCT WHEEL CHAIR RAMP AND SIDEWALK	2400 & 2441
2	CONSTRUCT VALLEY GUTTER	2400
3	ARTERIAL PAVEMENT	2502
4	MEDIAN PAVEMENT	2502
5	MEDIAN CURB AND GUTTER	2418
6	GUTTER AT DRIVE PAD	2418
7	MOUNTABLE MEDIAN CURB & GUTTER	2418
8	6" SIDEWALK	2430
9	ADJUST HANDBOLE RING AND COVER	2101
10	NEW STREET LIGHT FOUNDATION, TYPE 1	2600
11	STANDARD CURB AND GUTTER	2415
12	DRAIN LINE THROUGH CURB	2035

CURVE DATA

NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

CURVE REFERENCE NO.	RADIUS	DEFLECTION ANGLE	LENGTH
1	35'	90°00'00"	54.85'
2	4'	90°00'00"	12.58'
3	3'	137°30'00"	7.20'
4	3'	123°54'00"	6.48'
5	3'	135°54'00"	7.11'
6	57'	19°54'00"	19.79'
7	51'	18°24'00"	16.37'
8	150'	16°15'37"	42.57'
9	7.5'	180°00'00"	23.55'
10	7'	180°00'00"	21.88'
11	8'	137°34'10"	19.20'
12	50'	42°25'50"	37.01'
13	150'	19°56'50"	52.22'
14	50'	19°56'50"	17.41'
15	30'	82°54'00"	48.62'
16	50'	34°17'53"	28.83'
17	4'	145°42'07"	10.17'

ENGINEER'S SEAL

DATE 9/17/27

DESIGNED BY

DRAWN BY

CHECKED BY

DATE

DATE

DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE COORS & CENTRAL SHOPPING CENTER -
PHASE 1A & 1B
COORS RD. IMP - STA. 9+00 TO 12+50

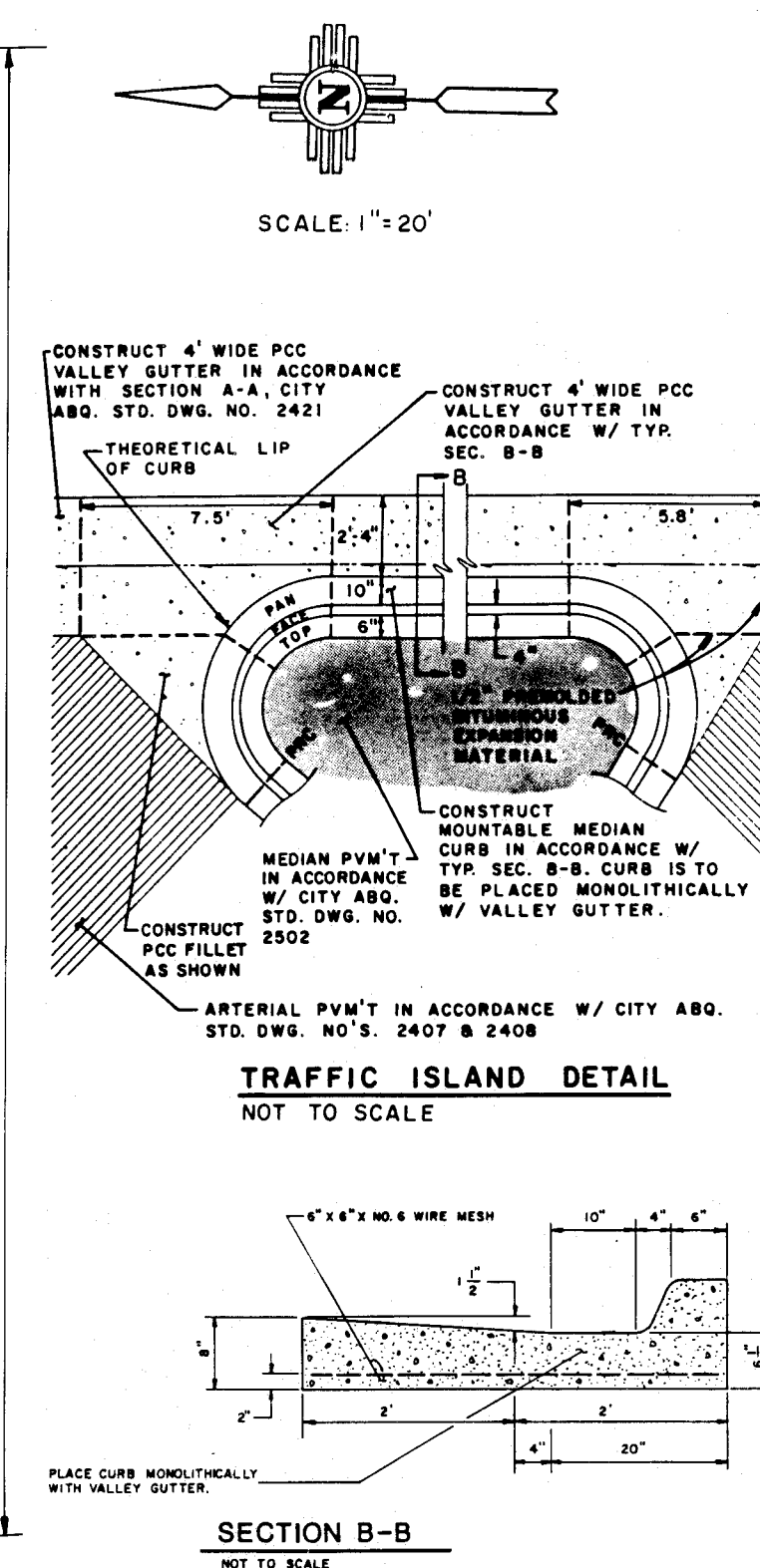
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG. CHAIR	12/14/23	9/25/23			
TRANS. DES.	12/14/23	9/25/23			
UTILITY DES.	12/14/23	9/25/23			
DESIGNED BY	40 RAJ	9/25/23			

DRAWING NO. 3297

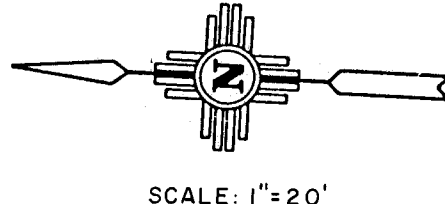
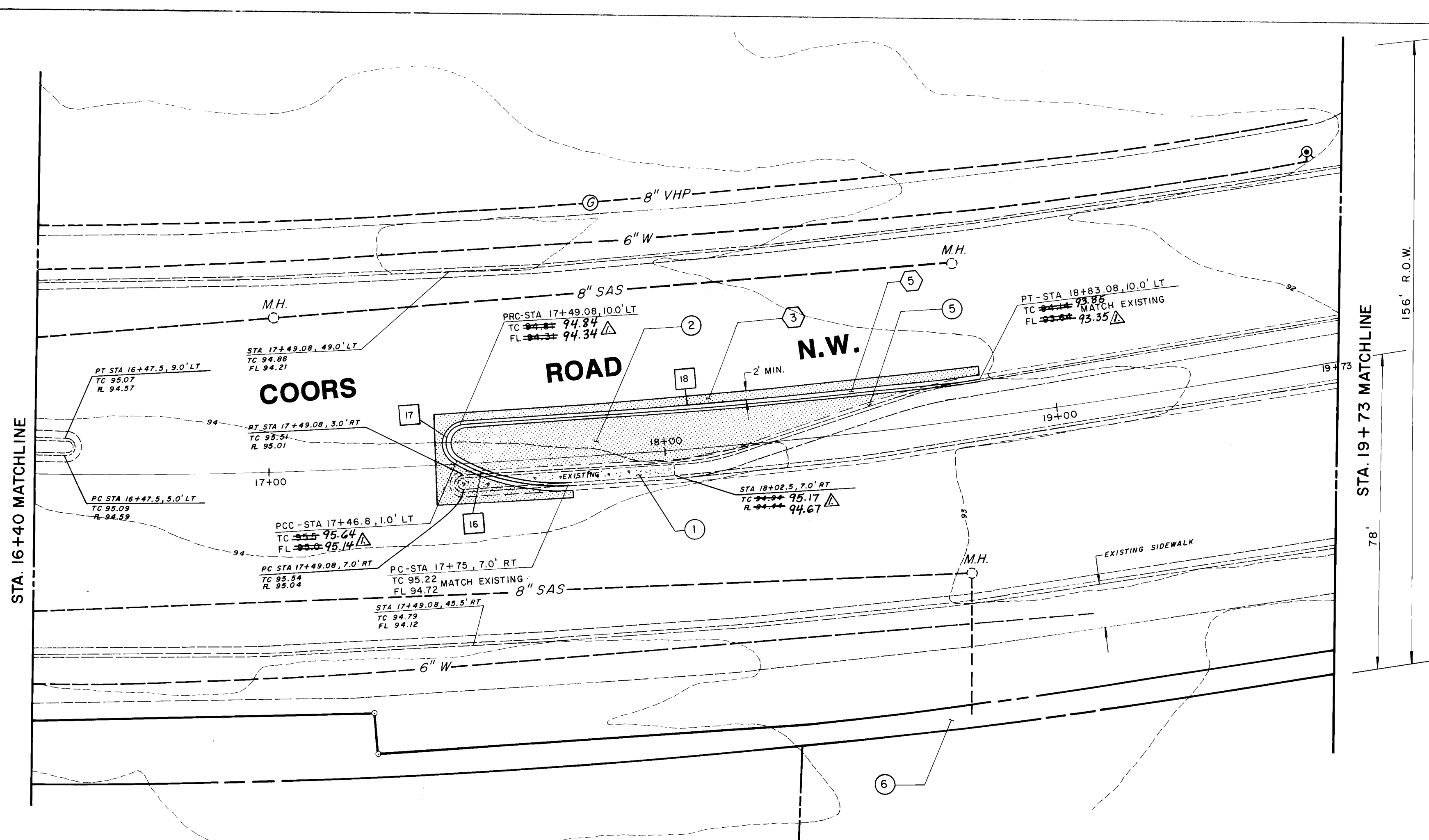
MAP NO. K-10

SHEET 1 OF 1

C8



KEYED NOTES - MEDIAN MODIFICATION		AS BUILT INFORMATION		INFORMATION	
NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.		NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.		NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.	
1 REMOVE AND DISPOSE OF EXISTING SIDEWALK, OR MEDIAN PAVING AS INDICATED ON THE PLAN.		2 REMOVE EXISTING ASPHALT PAVEMENT. SQUARE CUT AND TACK ALL PAVEMENT EDGES PRIOR TO RE-PAVING.		3 ACCESS DRIVE PAVEMENT TO BE CONSTRUCTED BY OTHERS IN ACCORDANCE WITH ARCHITECTURAL SITE DEVELOPMENT PLAN.	
4 TRANSITION FROM VALLEY GUTTER 8" STAND-UP CURB TO 6" PERMA-CURB OR MEDIAN CURB (SEE ARCHITECTURAL SITE PLAN) WITHIN 5' HORIZONTAL DISTANCE.		5 REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER.		6 ADDITION RIGHT-OF-WAY GRANTED TO CITY OF ALBUQUERQUE WITH FILING OF HUBBELL PLAZA PLAT.	
7 CONSTRUCT CONCRETE FILLET FROM PRC TO STA. 13+47.5 WITH 8" CURB FASE. MATCH INVERT OF VALLEY GUTTER AT STA. 13+47.5.		8 REMOVE EXISTING SIDEWALK. CONSTRUCT NEW 8' SIDEWALK. TRANSITION SIDEWALK FROM 12' WIDE TO MATCH NEW 8' WIDE SIDEWALK WITHIN 20'.		9 CONSTRUCT 6" WIDE VALLEY GUTTER IN ACCORDANCE WITH SECTION 4-A, CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2420. GRADE INVERT OF CONCRETE VALLEY GUTTER TO MATCH EXISTING GRADES AND SLOPE. 1% SLOPE OF-ACCELERATION LANE AT 2% CROSS-SLOPE TO DRAIN INTO CONCRETE VALLEY GUTTER.	
10 CONSTRUCT WHEEL CHAIR RAMP THROUGH MEDIAN ISLAND IN ACCORDANCE WITH DRAWING 2441, CONSTRUCTION REQUIREMENTS.		11 RELOCATE LIGHT POLE AND BASE TO LOCATION SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH POWER COMPANY PRIOR TO RELOCATING. CONTRACTOR SHALL PAY ALL COSTS AND PERMIT FEES ASSOCIATED WITH LIGHT POLE RELOCATION WORK.		12 RELOCATE TRAFFIC CONTROL DEVICE/SIGN TO NEW LOCATIONS, AS SHOWN.	
13 EXISTING POWER POLE TO BE RELOCATED BY PUBLIC SERVICE COMPANY OF NEW MEXICO. CONTRACTOR TO COORDINATE AND PAY ALL COSTS AND PERMIT FEES.		14 DRIVEWAY MEDIAN TO BE CONSTRUCTED WITH 6"x8" EXTRUDED CONCRETE PERMA-CURB.		15 CONSTRUCT 4" DIAMETER PVC DRAIN LINES THROUGH CURB WITH 3% SLOPE AHEAD FROM ROADWAY TO DRAIN ROADWAY INTO SWALE BACK OF CURB OR INTO ADJACENT PONDS ONSITE.	
16 CONSTRUCT SWALE BACK OF SIDEWALK TO CARRY RUNOFF FROM ROADWAY TO PONDS ONSITE.		17 18" DIAMETER CORRUGATED METAL PIPE, 2-2/3"x1/2" CORRUGATION, GALVANIZED, 0.064 INCH METAL THICKNESS. 12" MINIMUM COVER, 2% MINIMUM LONGITUDINAL SLOPE.		18 REMOVE EXISTING CATCH BASIN AND REPLACE WITH DOUBLE D CATCH BASIN IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2200. TOP OF GRADE ELEV. 82.92.	
19 REMOVE AND DISPOSE OF EXISTING DRIVE PAD AND REPLACE WITH STANDARD CURB AND GUTTER AND SIDEWALK, WHERE APPLICABLE.		20 CONSTRUCT 4" WIDE VALLEY GUTTER AT TRAFFIC ISLAND IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET C-9.			
ALBUQUERQUE STANDARD DRAWING DETAIL REFERENCE		NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.		NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.	
PLAN REFERENCE NO.		NAME		CITY OF ALBUQUERQUE STANDARD DRAWING NO.	
1		CONSTRUCT WHEEL CHAIR RAMP AND SIDEWALK		2420 & 2441	
2		CONSTRUCT VALLEY GUTTER		2420	
3		ARTERIAL PAVEMENT		2420	
4		MEDIAN PAVEMENT		2420	
5		MEDIAN CURB AND GUTTER		2416	
6		GUTTER AT DRIVE PAD		2416	
7		MOUNTABLE MEDIAN CURB & GUTTER		2416	
8		8" SIDEWALK		2420	
9		ADJUST HANDLE RING AND COVER		2101	
10		NEW STREET LIGHT FOUNDATION, TYPE I		2030	
11		STANDARD CURB AND GUTTER		2416	
12		DRAIN LINE THROUGH CURB		2235	
CURVE DATA		NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.		NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.	
REFERENCE NO.		RADIUS		DEFLECTION ANGLE	
1		35'		90°00'00"	
2		4'		90°00'00"	
3		3'		137°30'00"	
4		3'		123°56'00"	
5		3'		135°56'00"	
6		57'		19°56'00"	
7		51'		18°24'00"	
8		150'		18°15'37"	
9		7.5'		180°00'00"	
10		7'		180°00'00"	
11		8'		137°34'10"	
12		50'		42°25'15"	
13		100'		18°56'15"	
14		50'		19°56'15"	
15		30'		92°54'00"	
16		50'		34°17'53"	
17		4'		142°42'07"	
26 32970988		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE COORS & CENTRAL SHOPPING CENTER-PHASE 1A&1B		COORS ROAD IMP - STA.12+50 TO 16 + 40		COORS ROAD IMP - STA.12+50 TO 16 + 40	
APPROVALS		ENGINEER		DATE	
DRC Chief		[Signature]		9/25/02	
Trans. Dev		[Signature]		9/25/02	
Utility Dev		[Signature]		9/25/02	
[Signature]		[Signature]		9/25/02	
DRAWING NO.		3297		MAP NO.	
		K-10		SHEET	
				OF	
				C9	



KEYED NOTES - MEDIAN MODIFICATION

NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

- REMOVE AND DISPOSE OF EXISTING SIDEWALK, OR MEDIAN PAVING AS INDICATED ON THE PLANS.
- REMOVE EXISTING ASPHALT PAVEMENT.
- REMOVE EXISTING ASPHALT PAVEMENT. SQUARE CUT AND TACK ALL PAVEMENT EDGES PRIOR TO RE-PAVING.
- ACCESS DRIVE PAVEMENT TO BE CONSTRUCTED BY OTHERS IN ACCORDANCE WITH ARCHITECTURAL SITE DEVELOPMENT PLAN.
- TRANSITION FROM VALLEY GUTTER 8" STAND-UP CURB TO 8" PERMA-CURB OR MEDIAN CURB (SEE ARCHITECTURAL SITE PLAN) WITHIN 5' HORIZONTAL DISTANCE.
- REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER.
- ADDITION RIGHT-OF-WAY GRANTED TO CITY OF ALBUQUERQUE WITH FILING OF HUBBELL PLAZA PLAT.
- CONSTRUCT CONCRETE FILLET FROM PRC TO STA. 12+47.5 WITH 8" CURB FACE. MATCH INVERT OF VALLEY GUTTER AT STA. 12+47.5.
- REMOVE EXISTING SIDEWALK. CONSTRUCT NEW 6" SIDEWALK. TRANSITION SIDEWALK FROM 12" WIDE TO MATCH NEW 6" WIDE SIDEWALK WITHIN 20'.
- CONSTRUCT 6" WIDE VALLEY GUTTER IN ACCORDANCE WITH SECTION 4-A-1 CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2420. GRADE INVERT OF CONCRETE VALLEY GUTTER TO MATCH EXISTING GRADES AND SLOPE. 1% SLOPE DE-ACCELERATION LANE AT 2% CROSS-SLOPE TO DRAIN INTO CONCRETE VALLEY GUTTER.
- CONSTRUCT WHEEL CHAIR RAMP THROUGH MEDIAN ISLAND IN ACCORDANCE WITH DRAWING 2441, CONSTRUCTION REQUIREMENTS.
- RELOCATE LIGHT POLE AND BASE TO LOCATION SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH POWER COMPANY PRIOR TO RELOCATING. CONTRACTOR SHALL PAY ALL COSTS AND PERMIT FEES ASSOCIATED WITH LIGHT POLE RELOCATION WORK.
- RELOCATE TRAFFIC CONTROL DEVICE/SIGN TO NEW LOCATIONS, AS SHOWN.
- EXISTING POWER POLE TO BE RELOCATED BY PUBLIC SERVICE COMPANY OF NEW MEXICO. CONTRACTOR TO COORDINATE AND PAY ALL COSTS AND PERMIT FEES.
- DRIVEWAY MEDIAN TO BE CONSTRUCTED WITH 8"x8" EXTRUDED CONCRETE PERMA-CURB.
- CONSTRUCT 4" DIAMETER PVC DRAIN LINES THROUGH CURB WITH 2% SLOPE AWAY FROM ROADWAY TO DRAIN ROADWAY INTO SWALE BACK OF CURB OR INTO ADJACENT POND ON SITE.
- CONSTRUCT SWALE BACK OF SIDEWALK TO CARRY RUNOFF FROM ROADWAY TO POND ON SITE.
- 18" DIAMETER CORRUGATED METAL PIPE, 2-2/3"x1/2" CORRUGATION, GALVANIZED, 0.064 INCH METAL THICKNESS. 12" MINIMUM COVER, 2% MINIMUM LONGITUDINAL SLOPE.
- REMOVE EXISTING CATCH BASIN AND REPLACE WITH DOUBLE CATCH BASIN IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2200. TOP OF GRATE ELEV. 92.92.
- REMOVE AND DISPOSE OF EXISTING DRIVE PAD AND REPLACE WITH STANDARD CURB AND GUTTER AND SIDEWALK, WHERE APPLICABLE.
- CONSTRUCT 4" WIDE VALLEY GUTTER AT TRAFFIC ISLAND IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET C-9.

ALBUQUERQUE STANDARD DRAWING DETAIL REFERENCE

NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

PLAN REFERENCE	REMARKS	CITY OF ALBUQUERQUE STANDARD DRAWING NO.
1	CONSTRUCT WHEEL CHAIR RAMP AND SIDEWALK	2430 & 2441
2	CONSTRUCT VALLEY GUTTER	2420
3	ARTICIAL PAVEMENT	2415
4	MEDIAN PAVEMENT	2415
5	MEDIAN CURB AND GUTTER	2415
6	GUTTER AT DRIVE PAD	2415
7	MOUNTABLE MEDIAN CURB & GUTTER	2415
8	8" SIDEWALK	2420
9	ADJUST MANHOLE RING AND COVER	2101
10	NEW STREET LIGHT FOUNDATION, TYPE 1	2400
11	STANDARD CURB AND GUTTER	2415
12	DRAIN LINE THROUGH CURB	2225

CURVE DATA

NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

CURVE REFERENCE NO.	RADIUS	DEFLECTION ANGLE	LENGTH
1	35'	90°00'00"	54.85'
2	4'	90°00'00"	12.56'
3	3'	137°30'00"	7.20'
4	3'	123°54'00"	8.48'
5	3'	135°54'00"	7.11'
6	57'	19°54'00"	19.79'
7	51'	18°24'00"	16.37'
8	150'	16°15'37"	42.57'
9	7.5'	180°00'00"	29.55'
10	7'	180°00'00"	21.88'
11	8'	137°34'10"	19.20'
12	50'	42°25'150"	37.01'
13	150'	19°56'150"	52.22'
14	50'	19°56'150"	17.41'
15	50'	90°54'100"	48.82'
16	50'	34°17'53"	29.93'
17	4'	145°42'07"	10.17'
18	1900'	4°02'27"	134.00'

26 32971088

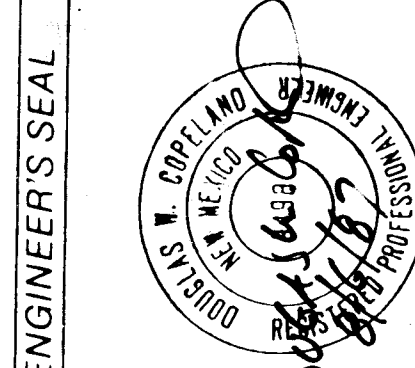
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**TITLE COORS & CENTRAL SHOPPING CENTER -
PHASE 1A & 1B**

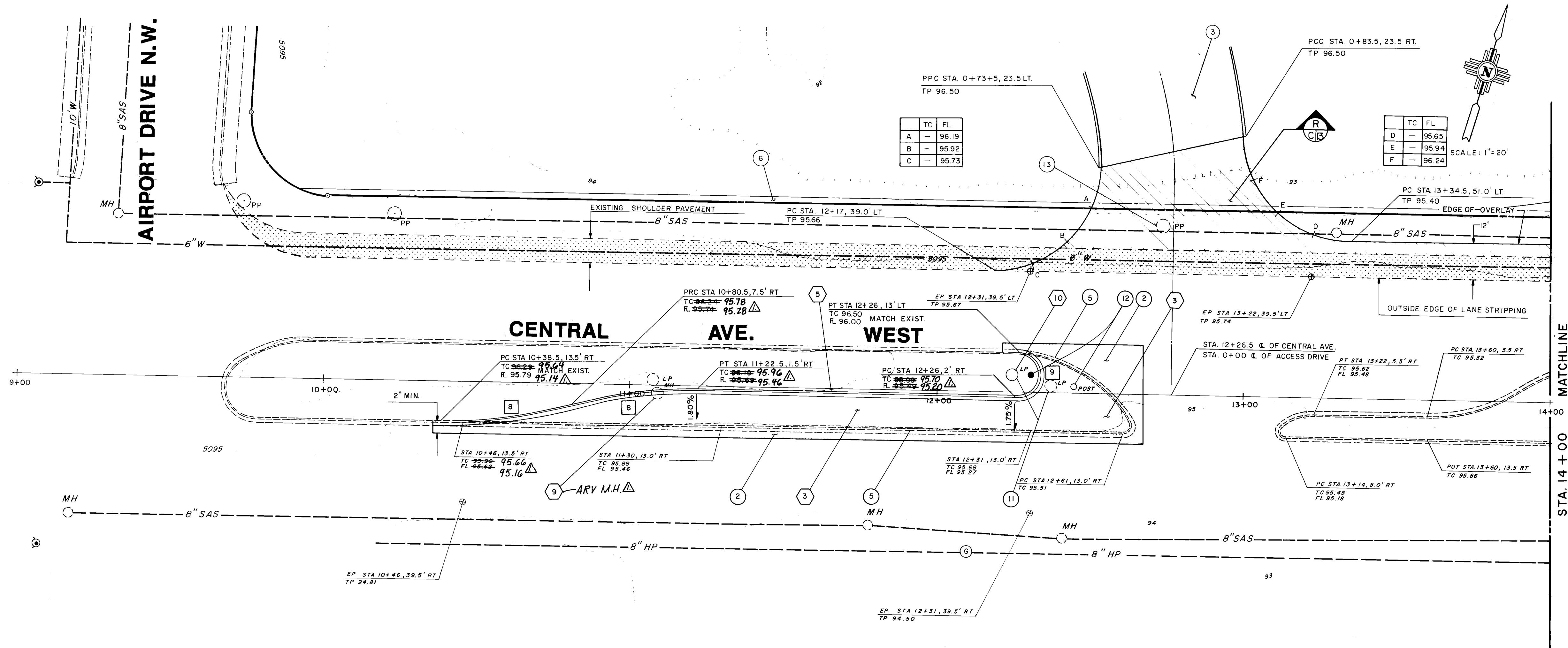
COORS RD. IMP - STA. 16+40 TO 19+73

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	9/17/02			
Trans. Dev	<i>[Signature]</i>	9/17/02			
Utility Dev	<i>[Signature]</i>	9/17/02			

DRAWING NO. 3297 MAP NO. K-10 SHEET OF C10



Rev. 9/17/02 D.W.



- KEYED NOTES - MEDIAN MODIFICATION**
- NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.
- REMOVE AND DISPOSE OF EXISTING SIDEWALK, OR MEDIAN PAVING AS INDICATED ON THE PLANS.
 - REMOVE EXISTING ASPHALT PAVEMENT, SQUARE CUT AND TACK ALL PAVEMENT EDGES PRIOR TO RE-PAVING.
 - ACCESS DRIVE PAVEMENT TO BE CONSTRUCTED BY OTHERS IN ACCORDANCE WITH ARCHITECTURAL SITE DEVELOPMENT PLAN.
 - TRANSITION FROM VALLEY GUTTER 8" STAND-UP CURB TO 8" PERMANENT CURB OR MEDIAN CURB (SEE ARCHITECTURAL SITE PLAN) WITHIN 5' HORIZONTAL DISTANCE.
 - REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER.
 - ADDITION RIGHT-OF-WAY GRANTED TO CITY OF ALBUQUERQUE WITH FILING OF HUBBELL PLAZA PLAT.
 - CONSTRUCT CONCRETE FILLET FROM PRC TO STA. 13+47.5 WITH 8" CURB FACE. MATCH INVERT OF VALLEY GUTTER AT STA. 13+47.5.
 - REMOVE EXISTING SIDEWALK, CONSTRUCT NEW 8" SIDEWALK, TRANSITION SIDEWALK FROM 12" WIDE TO MATCH NEW 8" WIDE SIDEWALK WITHIN 20'.
 - CONSTRUCT 8" WIDE VALLEY GUTTER IN ACCORDANCE WITH SECTION 4-A, CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2420. GRADE INVERT OF CONCRETE VALLEY GUTTER TO MATCH EXISTING GRADES AND SLOPE. IN-SLOPE DE-ACCELERATION LANE AT 2% CROSS-SLOPE TO DRAIN INTO CONCRETE VALLEY GUTTER.
 - CONSTRUCT WHEEL CHAIR RAMP THROUGH MEDIAN ISLAND IN ACCORDANCE WITH DRAWING 4441, CONSTRUCTION REQUIREMENTS.
 - RELOCATE LIGHT POLE AND BASE TO LOCATION SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH POWER COMPANY PRIOR TO RELOCATING. CONTRACTOR SHALL PAY ALL COSTS AND PERMIT FEES ASSOCIATED WITH LIGHT POLE RELOCATION WORK.
 - RELOCATE TRAFFIC CONTROL DEVICE/SIGN TO NEW LOCATIONS, AS SHOWN.
 - EXISTING POWER POLE TO BE RELOCATED BY PUBLIC SERVICE COMPANY OF NEW MEXICO. CONTRACTOR TO COORDINATE AND PAY ALL COSTS AND PERMIT FEES.
 - DRIVEWAY MEDIAN TO BE CONSTRUCTED WITH 8"x8" EXTRUDED CONCRETE PERMA-CURB.
 - CONSTRUCT 4" DIAMETER PVC DRAIN LINES THROUGH CURB WITH 2% SLOPE AWAY FROM ROADWAY TO DRAIN ROADWAY INTO SWALE BACK OF CURB OR INTO ADJACENT POND/DRAINAGE.
 - CONSTRUCT SWALE BACK OF SIDEWALK TO CARRY RUNOFF FROM ROADWAY TO PONDS ONSITE.
 - 8" DIAMETER CORRUGATED METAL PIPE, 2-2/3"x1/2" CORRUGATION, GALVANIZED, 0.064 INCH METAL THICKNESS, 18" MINIMUM COVER, 2% MINIMUM LONGITUDINAL SLOPE.
 - REMOVE EXISTING CATCH BASIN AND REPLACE WITH DOUBLE D CATCH BASIN IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2500, TOP OF GRATE ELEV. 82.05.
 - REMOVE AND DISPOSE OF EXISTING DRIVE PAD AND REPLACE WITH STANDARD CURB AND GUTTER AND SIDEWALK, WHERE APPLICABLE.
 - CONSTRUCT 4" WIDE VALLEY GUTTER AT TRAFFIC ISLAND IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET C-8.
- ALBUQUERQUE STANDARD DRAWING DETAIL REFERENCE

NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

PLAN REFERENCE NO.	REMARKS	CITY OF ALBUQUERQUE STANDARD DRAWING NO.
1	CONSTRUCT WHEEL CHAIR RAMP AND SIDEWALK	2430 & 2441
2	CONSTRUCT VALLEY GUTTER	2420
3	ARTERIAL PAVEMENT	2415
4	MEDIAN PAVEMENT	2502
5	MEDIAN CURB AND GUTTER	2415
6	GUTTER AT DRIVE PAD	2415
7	MOUNTABLE MEDIAN CURB & GUTTER	2415
8	8" SIDEWALK	2430
9	ADJUST MANHOLE RING AND COVER	2101
10	NEW STREET LIGHT FOUNDATION, TYPE I	2330
11	STANDARD CURB AND GUTTER	2415
12	DRAIN LINE THROUGH CURB	2235

CURVE DATA

NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

CURVE REFERENCE NO.	RADIUS	DEFLECTION ANGLE	LENGTH
1	35'	80°00'00"	54.95'
2	4'	90°00'00"	12.56'
3	3'	137°30'00"	7.20'
4	3'	125°04'00"	6.48'
5	3'	135°24'00"	7.11'
6	57'	18°24'00"	19.79'
7	51'	18°24'00"	18.37'
8	150'	18°18'37"	42.57'
9	7.5'	180°00'00"	23.55'
10	7'	180°00'00"	21.80'
11	8'	137°34'10"	19.20'
12	50'	42°25'50"	37.01'
13	150'	18°26'50"	52.22'
14	50'	18°26'50"	17.41'
15	30'	92°54'00"	48.82'
16	50'	34°17'53"	29.03'
17	4'	145°42'07"	10.17'

26 32971188

COORS & CENTRAL SHOPPING CENTER -
PHASE 1A & 1B
CENTRAL AVE. IMP. STA. 9+00 TO 14+00

52-88 REVISED FROM AS-BUILT INFORMATION
DATE: 9/11/87
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]
DRAWN: [Signature]
3297
K-10
SHEET OF
C11



SCALE: 1" = 20'

NOTE: KEYED NOTES APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW.

- MILIT INFORMATION
NEW CONCEPTS

CENTERLINE OF COORS RD 62.3' NORTH FROM THE CENTERLINE ON CENTRAL AVE AND 0.7' SOUTH FROM THE NOSE OF THE MEDIAN ON

COORDINATES
Y=1,484,706.39
X=362,391.96

[illegible]

NOTE: DETAIL REFERENCE NOTES APPLICABLE ONLY WHEN REFERENCES
BY NUMBER ON PLAN VIEW.

SURVEY INFORMATION

(

9/17/82 Dwe

REMARKS

NOTE: CURVE DATA APPLICABLE ONLY WHEN REFERENCED BY NUMBER ON PLAN VIEW

CURVE REFERENCE NO.	RADIUS	DEFLECTION ANGLE	LENGTH
1	35'	90°00'00"	54.85'
2	4'	90°00'00"	12.56'
3	3'	137°30'00"	7.20'
4	3'	129°54'00"	6.48'
5	3'	135°54'00"	7.11'
6	57'	19°54'00"	19.78'
7	51'	16°24'00"	16.37'
8	150'	16°15'37"	42.87'
9	7.5'	180°00'00"	23.85'
10	7'	180°00'00"	21.88'
11	8'	137°34'10"	19.20'
12	50'	42°28'50"	37.01'
13	150'	19°56'50"	52.82'
14	50'	19°56'50"	17.41'
15	30'	92°04'50"	48.62'
16	50'	34°17'53"	29.93'
17	4'	145°04'07"	10.17'

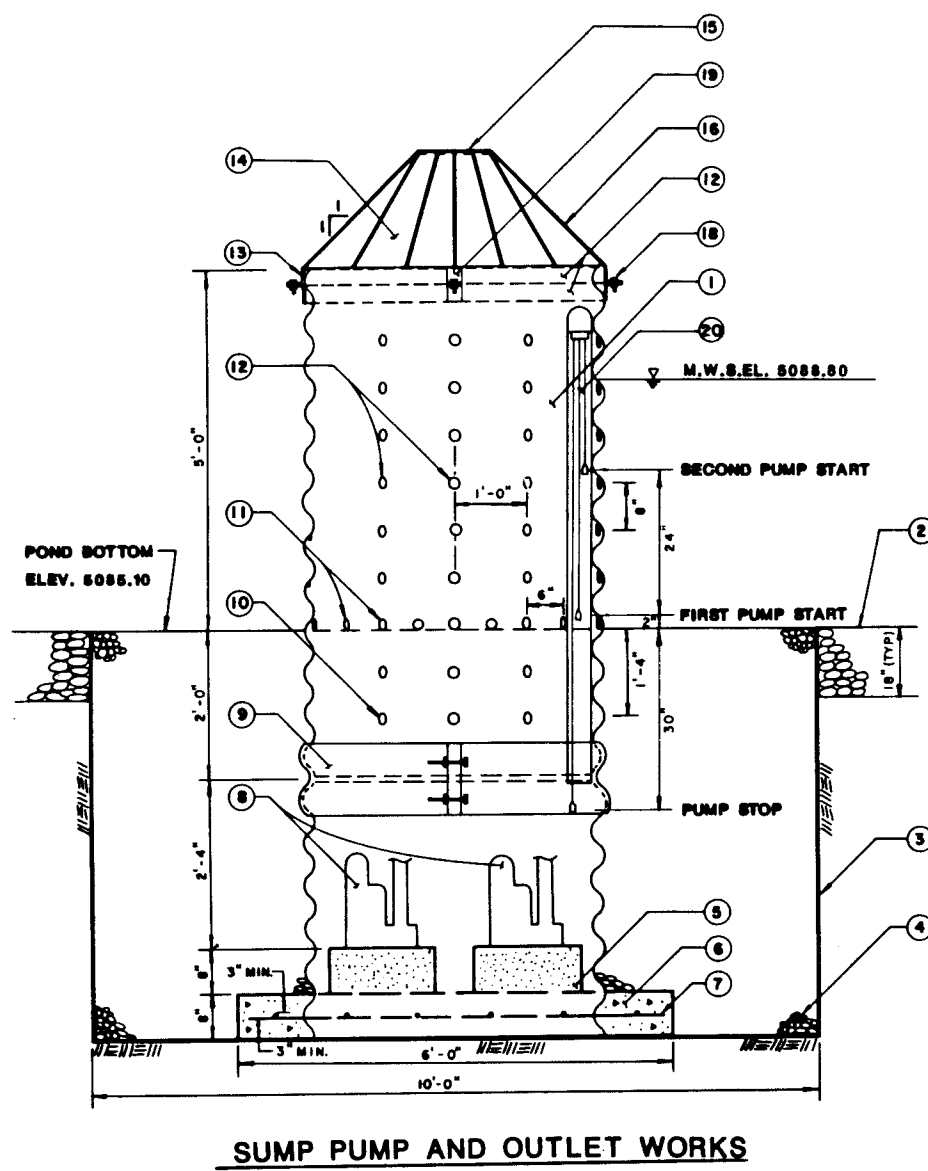
26 32971288

**COORS & CENTRAL SHOPPING CENTER
PHASE 1A & 1B
CENTRAL AVE. IMP. - STA. 14+00 TO 18+40**

Feb 0 9/25/18
Feb 0 9/25/18

DRAWING NO	3297	MAP NO	K-10	SHEET	OF	C12
------------	------	--------	------	-------	----	-----

REVISION - POND A: PURSUANT TO SEPTEMBER 4, 1987 LETTER FROM CITY HYDROLOGY, POND A PUMP PUMP AND OUTLET WORKS SHOWN ON THIS SHEET WILL BE REVISED TO SIZE PUMP TO DISCHARGE 100-YEAR RUN-OFF VOLUME WITHIN 24 HOURS. PRIVATE UTILITY CONTRACTOR'S CONTRACT WILL BE CHANGE ORDERED TO INSTITUTE CHANGE. DRAWINGS WILL BE REVISED TO SHOW AS-BUILT CONFIGURATION, PUMP SIZE, AND SPECIFICATIONS. SIGNED: *[Signature]* DATE: *10/2/87*



SUMP PUMP AND OUTLET WORKS

GENERAL NOTES
POND A - SUMP PUMP AND OUTLET WORKS

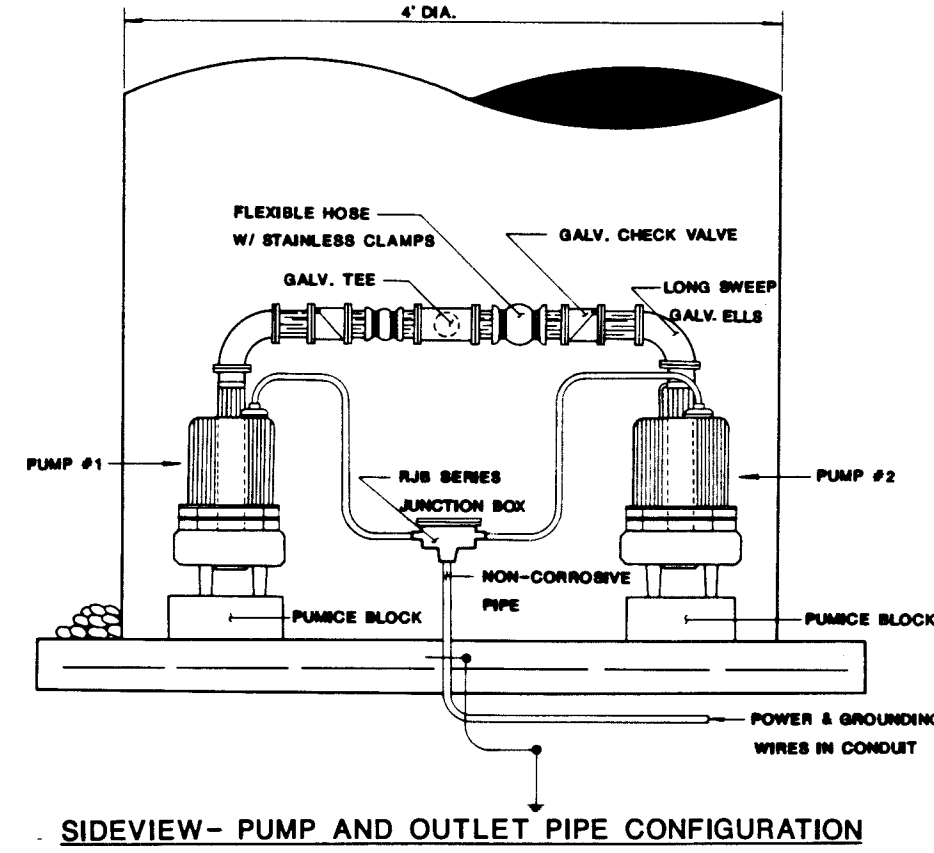
- 48" CMP 14 GA.
- DETENTION POND BOTTOM (SEE GRADING PLAN FOR ELEVATION) POND BOTTOM IS TO BE LINED WITH 8" MINUS, OPEN GRADED, RIVER RUN COBBLE.
- ENCLOSE GRAVEL DRAIN MATERIAL WITH FILTER CLOTH. FILTER CLOTH IS TO BE MANHOLE 1400 OR APPROVED EQUAL.
- CONSTRUCT A 10"x10" GRAVEL DRAIN AROUND 48" CMP. GRAVEL DRAIN IS TO BE 1-1/2" MINUS, OPEN GRADED MATERIAL.
- 1.5"x1.5"x8" PUNCE STONE PUMP SUPPORT BLOCKS.
- 8.0"x8.0"x18" CONCRETE BASE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE 3,000 PSI - 28 DAY STRENGTH COMPACT SUBGRADE UNDER CONCRETE TO BBS MODIFIED PROCTOR.
- #4 REBAR 12" O.C. EACH WAY 3" MINIMUM CLEARANCE TOP AND BOTTOM.
- TWO 3" 150 GPM SUBMERSIBLE PUMPS.
- INSTALL A 48" CMP BAND WITH ALL HARDWARE FOR ACCESS TO SUBMERSIBLE PUMPS.
- CUT 1" DIAMETER HOLES, 12" O.C. HORIZONTAL 8" O.C. VERTICAL TO A LEVEL 1.5' BELOW THE SURFACE. ROUND OFF EDGES AND PAINT WITH ZINC.
- CUT 2" DIAMETER HOLES, 12" O.C. HORIZONTAL 8" O.C. VERTICAL TO A LEVEL 4" ABOVE DETENTION POND BOTTOM. ROUND OFF EDGES AND PAINT WITH ZINC.
- FOUR 3"x3"x1/4"x10'-3" L WITH 1"x1/2" SLOT WELD TO LOWER 3"x3/8" STEEL RING AND PAINT WITH ZINC.
- TRASH RACK.
- 12" DIAMETER x 8/8" STEEL PLATE.
- TWELVE 1/2" DIAMETER STEEL RODS.
- 3"x1/2" STEEL RING (O.D. PIPE x 1/2") BOLT OR WELD LOWER RING TO CMP.
- FOUR 3/4" BOLTS BURN THREADS AFTER INSTALLING.
- FOUR 2-1/2"x10'-1/2"x10'-3" L WITH 1/2"x1" SLOT.
- 4" DIAMETER GALVANIZED PIPE WITH FITTINGS TO ACCEPT ELECTRODE WATER LEVEL SENSING DEVICE. ATTACH PIPE TO SIDE OF CMP WITH GALVANIZED BRACKETS. MAKE ALL ELECTRICAL CONNECTIONS WATERPROOF AND RUN CONTROL WIRES IN CONDUIT WITH PUMP POWER IN GROUND FEED.
- INSTALL NON-FUSED DISCONNECT(S) ADJACENT TO POND A. MOUNT ON UNISTRUT SUPPORT BRACKET. SET DISCONNECT BOX A MAXIMUM OF 18" ABOVEGROUND. LOCATE IN A PLACE OF CONCEALMENT, IF POSSIBLE. LOCATION TO BE APPROVED BY ENGINEER.

AN ALTERNATING RELAY SHALL BE PROVIDED TO ALTERNATE DUPLEX PUMPS ON EACH SUCCESSIVE CYCLE OF OPERATION. DUPLEX PUMPS WILL ALLOW BOTH PUMPS TO OPERATE SIMULTANEOUSLY ON OVERDRIE. NO-A SWITCHES SHALL BE ATTACHED TO THE PUMP SUPPORTS. TERMINAL BOXES SHALL BE PROVIDED FOR AUTOMATIC WIRING. THE PANEL WILL INCLUDE A CONTROL TRANSFORMER WHERE NECESSARY. CONTROL PANEL TO BE LOCATED ADJACENT TO HOUSE PANEL AS SHOWN ON AEE DRAWINGS.

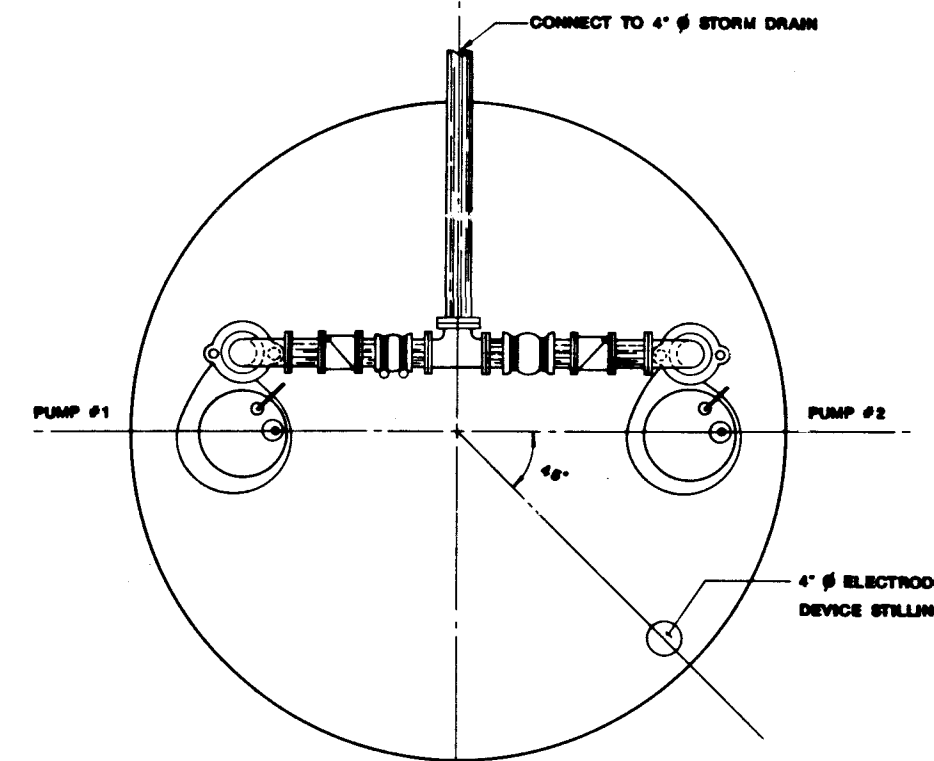
PHASE/RENT/VALVE TYPE
30 30 200
DUPLX

SEALED FLOAT TYPE MERCURY SWITCHES OR ELECTRODE TYPE SWITCHES SHALL BE SUPPLIED TO CONTROL SUMP LEVEL. THE MERCURY TYPE SWITCHES ON ELECTRODE TYPE SWITCHES SHALL BE SEALED IN A BUILT PROTECTIVE FLAT FOR CORROSION AND MOISTURE RESISTANCE. THE SWITCHES SHALL HAVE HEAVY WIRELESS JACKET AND A WEIGHT SHALL BE ATTACHED TO THE FLAT TO HOLD SWITCH IN PLACE IN SUMP. WEIGHT SHALL BE ABOVE THE FLAT TO PREVENT SWAMP BODIES IN THE SUMP WHEN THE FLAT OPERATES UNDER WATER. THE FLAT SWITCHES SHALL BE IN THE SUMP SUPPORTED ONLY BY THE CONDUIT (3" HELD TO THE 4" JUNCTION BOX OF THE WIRING CHANNEL). IN A DUPLEX SYSTEM, THREE FLAT SWITCHES SHALL BE USED TO CONTROL LEVEL. ONE FOR PUMP TURN-ON, ONE FOR PUMP TURN-OFF, AND ONE FOR BOTH PUMPS TURN-OFF.

ON SUMP LEVEL RISE LOWER LEVEL FLAT OR ELECTRODE SWITCH SHALL FIRST BE ENERGIZED, THEN UPPER LEVEL SWITCH SHALL NEXT ENERGIZE AND START LEAD PUMP. WITH LEAD PUMP OPERATING, SUMP LEVEL SHALL LOWER TO LOW SWITCH-TURN-ON SETTING AND PUMP SHALL STOP. ALTERNATING RELAY SHALL INTERRUPT ON STOPPING OF PUMP. WHEN PUMP LEVEL CONTINUES TO RISE WHEN LEAD PUMP IS STOPPED, THE OVERDRIE SWITCH SHALL ENERGIZE AND START LEAD PUMP. BOTH LEAD AND LEAD PUMP SHALL OPERATE TO UNTIL SUMP LEVEL FALLS TO LOW SWITCH-TURN-ON SETTING. WHEN SUMP LEVEL FALLS FOR ANY REASON, THE SECOND PUMP SHALL OPERATE ON THE OVERDRIE SWITCH. ALL LEVEL SWITCHES SHALL BE ADJUSTABLE FOR LEVEL SETTING, FROM THE SURFACE.



SIDEVIEW - PUMP AND OUTLET PIPE CONFIGURATION

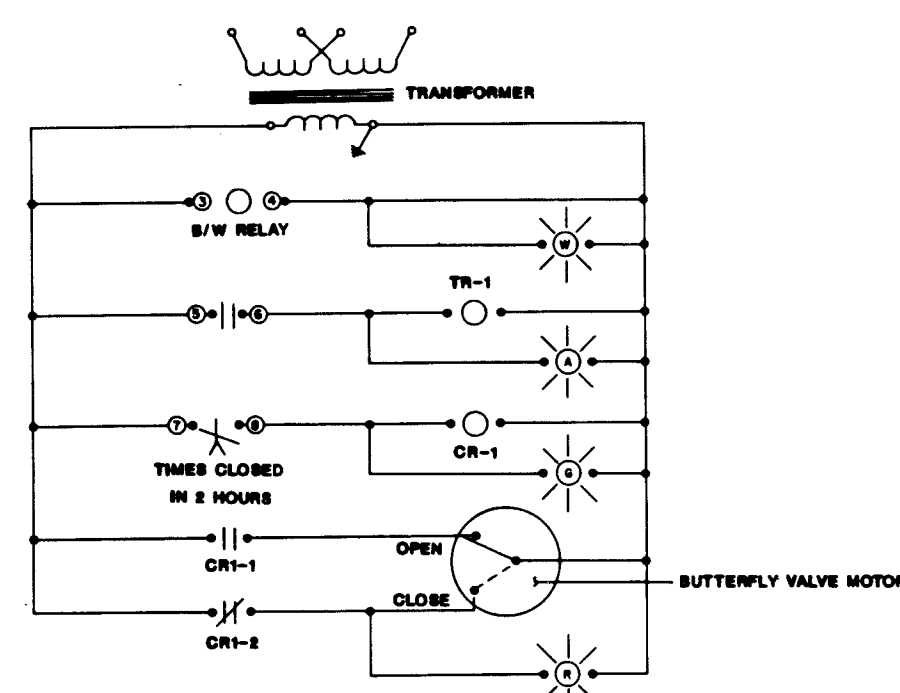


PLAN - PUMP AND OUTLET PIPE CONFIGURATION

POND A - MECHANICAL & ELECTRICAL DETAILS

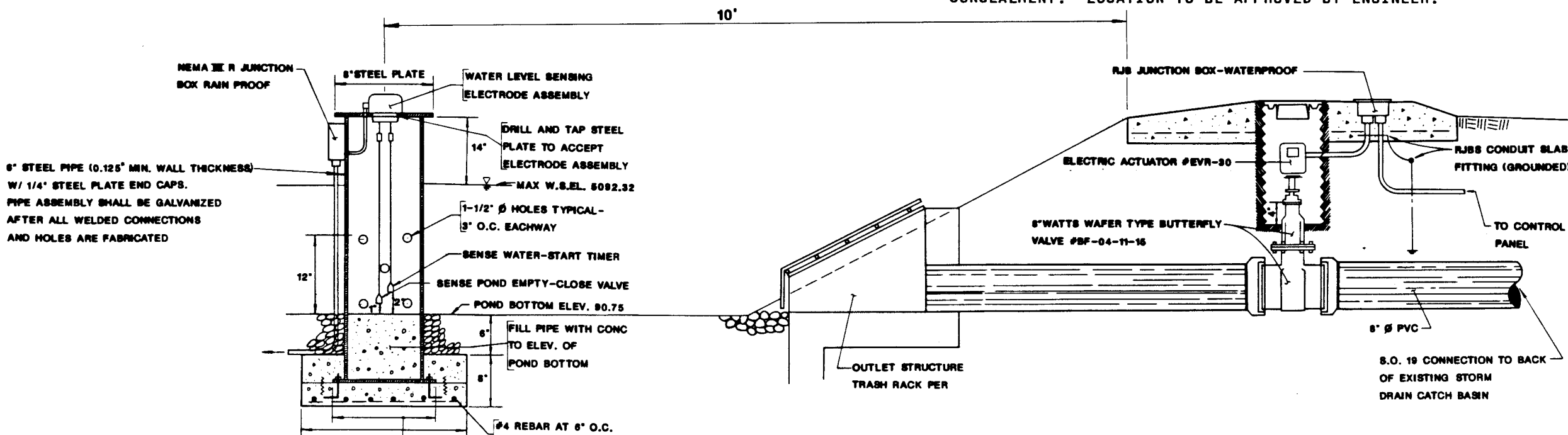
GENERAL NOTES
POND B - MECHANICAL AND ELECTRICAL SPECIFICATIONS

- ANY UNDERWATER JUNCTION BOXES MUST BE FILLED WITH AN APPROVED POTTING COMPOUND PRIOR TO WATER ENTRY AND AFTER CIRCUITS HAVE BEEN CHECKED TO PREVENT THE ENTRY OF MOISTURE, AND BE FIRMLY ATTACHED TO SUPPORTS AND BONDED AS REQUIRED. (NEC 880-52-B)
- ALL CONDUIT RUNNING UNDERWATER MUST BE RED BRASS PIPE, "EVEROUR," OR HEAVY COPPER.
- GROUND FAULT CIRCUIT INTERRUPTERS MUST BE INSTALLED IN THE BRANCH CIRCUITS SUPPLYING ELECTRIC VALVES AND PUMPS. (280-51-A)
- ALL ELECTRICAL EQUIPMENT MUST BE PROPERLY BONDED AND GROUNDED FOR SAFETY. (NEC 880-53, 54, 55)
- PULL WIRES WITH SEPARATE GROUND THROUGH CONDUITS INTO JUNCTION BOXES. MAKE ALL SPLICES AND CONNECTIONS TIGHT AND WELL INSULATED. CONNECT GROUND WIRE TO GROUND LUG IN JUNCTION BOX.
- MAXIMUM LENGTH OF EXPOSED CORD MUST BE LIMITED TO 10 FEET. CORDS EXTENDING BEYOND PUMP AND VALVE PITS MUST BE ENCLOSED IN APPROVED WIRING ENCLOSURES. (NEC 880-51-E)
- SUBMERSIBLE EQUIPMENT MUST BE INHERENTLY STABLE OR BE SECURELY FASTENED. (NEC 880-51-4)
- USE GOOD QUALITY THREAD SEALANT FOR CONDUIT CONNECTIONS AND PRESSURE TEST CONDUIT SYSTEM TO ELIMINATE ALL LEAKS.
- ALL CONDUIT CONNECTIONS BETWEEN DISSIMILAR METALS MUST BE MADE WITH DIELECTRIC FITTINGS.
- ALL STARTING AND CONTROL EQUIPMENT SUCH AS MOTOR STARTERS, GFC I'S, ETC. WILL BE FURNISHED BY THE INSTALLING CONTRACTOR. CIRCUITS TO BE CLEARLY LABELED.
- CORD IMMERSED OR EXPOSED TO WATER SHALL BE TYPE 60 OR ST.
- METHODS OF GROUNDING - THE PROVISIONS OF SECTION 680-25 (NEC) SHALL APPLY IN AND NEAR WATER.
- INSTALL NON-FUSED DISCONNECT(S) WITHIN 25' RADIUS OF BUTTERFLY VALVE ASSEMBLY. MOUNT ON UNISTRUT SUPPORT BRACKET WITH CONCRETE ANCHOR. SET DISCONNECT BOX A MAXIMUM OF 18" ABOVEGROUND. LOCATE IN PLANNED LANDSCAPE AREA CONTAINING MEDIUM SIZE SHRUBS, HEDGES, AND BUSHES FOR CONCEALMENT. LOCATION TO BE APPROVED BY ENGINEER.



W-WHITE-INDICATES RELAY POWERED
A-AMBER-INDICATES TIMER TURNING OUT
G-GREEN-INDICATES VALVE OPEN
R-RED-INDICATES VALVE CLOSED

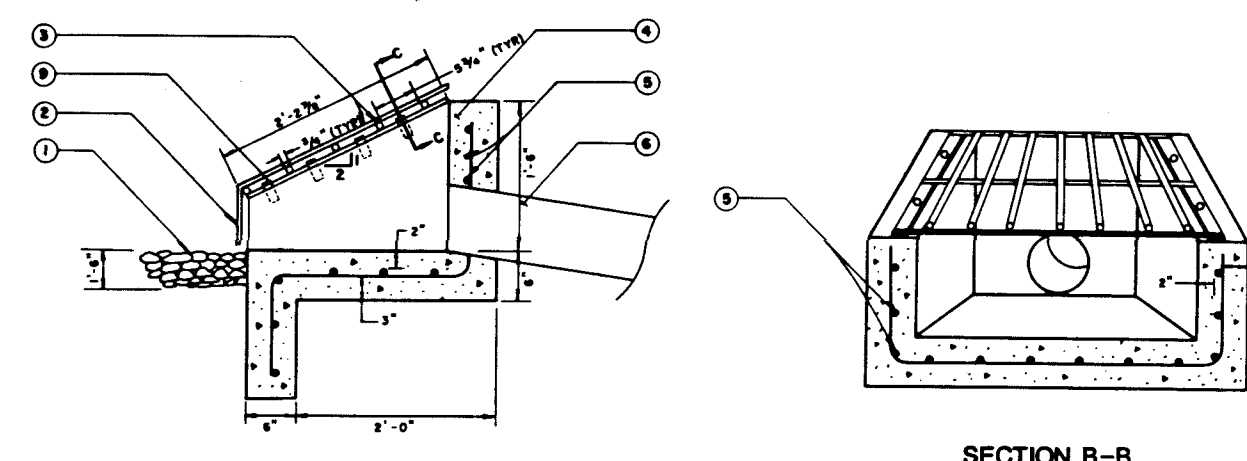
WIRING DIAGRAM FOR BUTTERFLY VALVE MOTOR



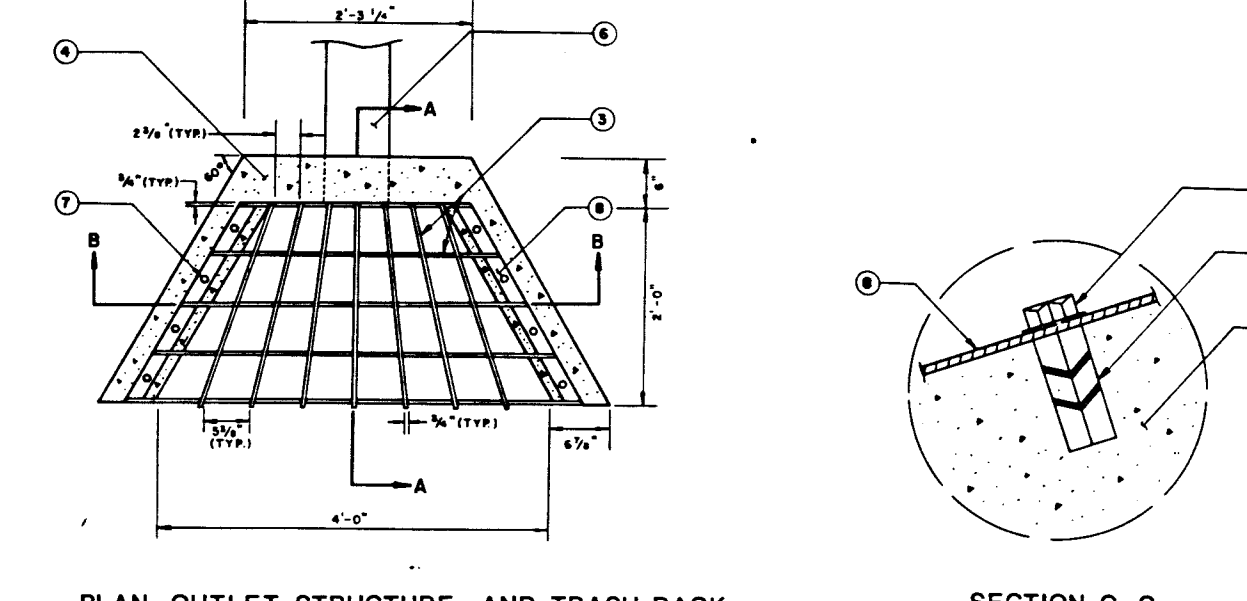
OUTLET WORKS

POND B - MECHANICAL & ELECTRICAL DETAILS

- GENERAL NOTES
- DETENTION POND LINING IS TO BE 8" MINUS, OPEN GRADED, RIVER RUN COBBLE.
 - TURN #4 REBAR DOWN TO MATCH TOP OF INLET APPROACH SLAB.
 - 18" SMOOTH BARS TYPICAL.
 - CONCRETE INLET STRUCTURE TO BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE 3,000 PSI - 28 DAY STRENGTH COMPACT SUBGRADE UNDER STRUCTURE TO BBS OF MODIFIED PROCTOR.
 - #4 REBAR AT 8" O.C. EACH WAY.
 - 8" OR 12" PVC DRAIN PIPE.
 - BOLT FRAME TO CONCRETE WERHALL WITH 3/4" GALVANIZED HEX HEAD BOLT WITH WASHER.
 - 3/8"x1/2" STEEL PLATE FRAME.
 - PARTSHEET DETAIL TYPICAL (SEE PARTSHEET DETAIL).
 - 3/4"x1/2" EXPANSION ANCHOR TYPICAL.



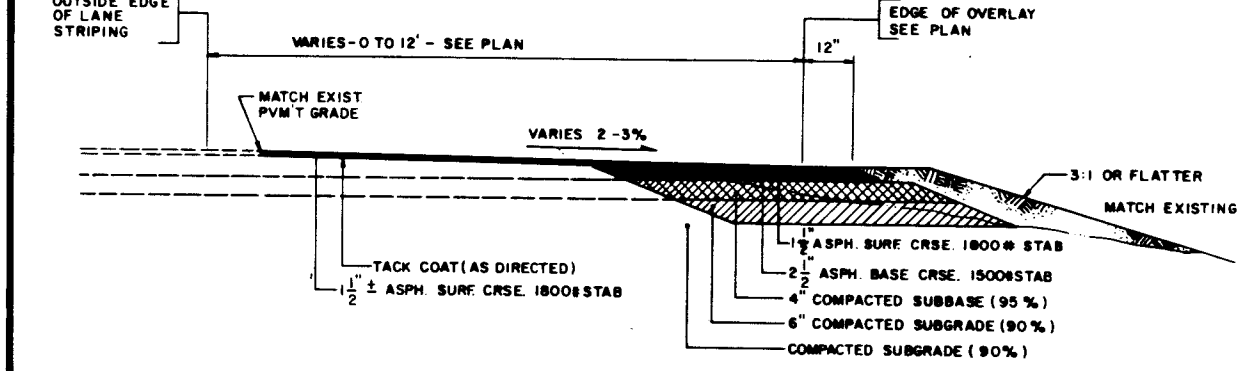
SECTION A-A
NO SCALE



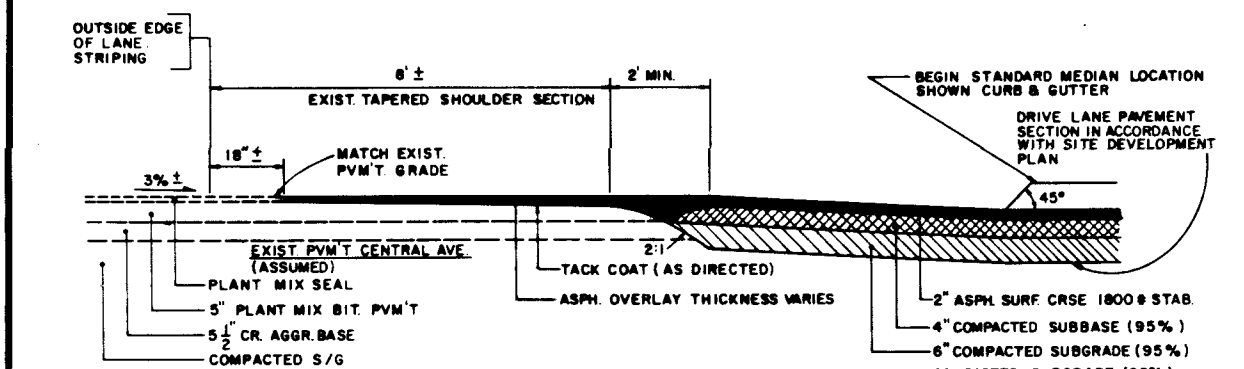
SECTION B-B
NO SCALE

PLAN - OUTLET STRUCTURE AND TRASH RACK

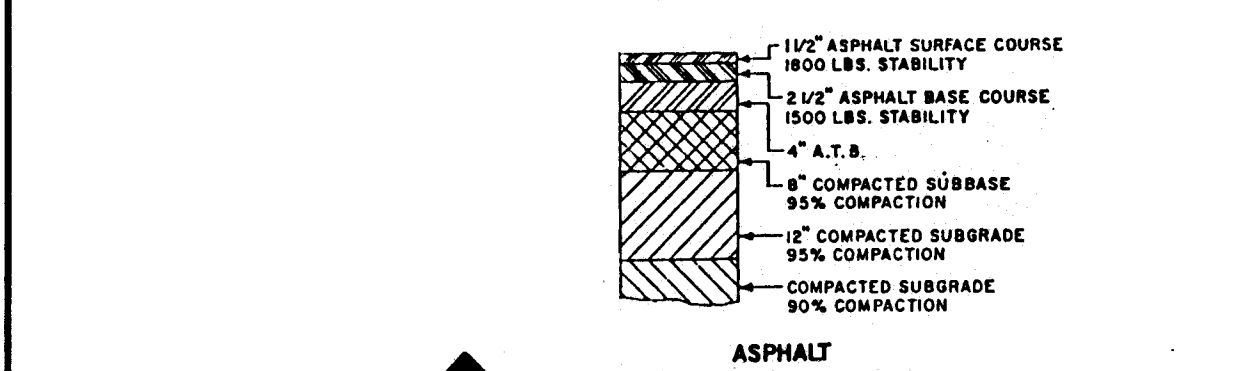
PONDS B & C - OUTLET STRUCTURE & TRASH RACK



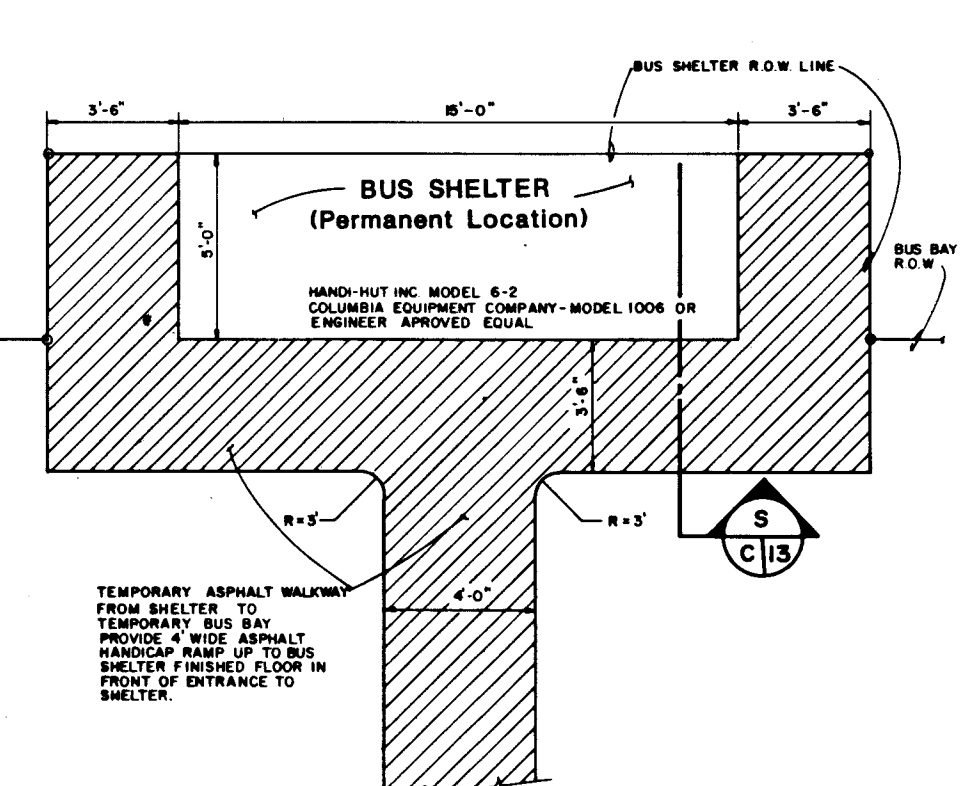
TYPICAL SECTION
DECELERATION LANE & BUS BAY ADJACENT TO CENTRAL AVENUE
NOT TO SCALE



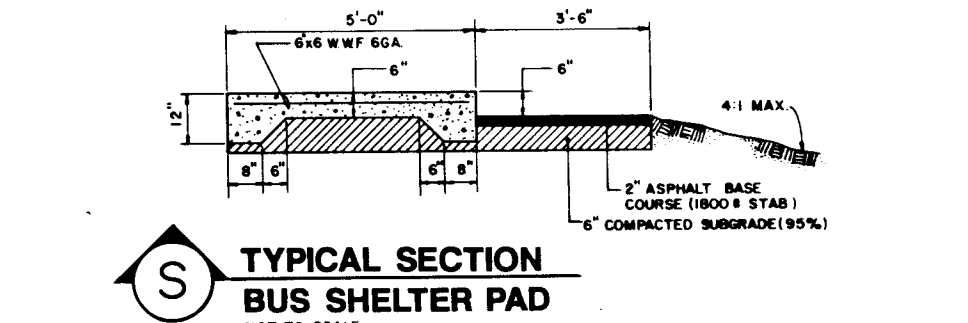
TYPICAL SECTION
DRIVEWAY INTERSECTION ONTO CENTRAL AVENUE
NOT TO SCALE



TYPICAL SECTION
BUS SHELTER PAD
NOT TO SCALE



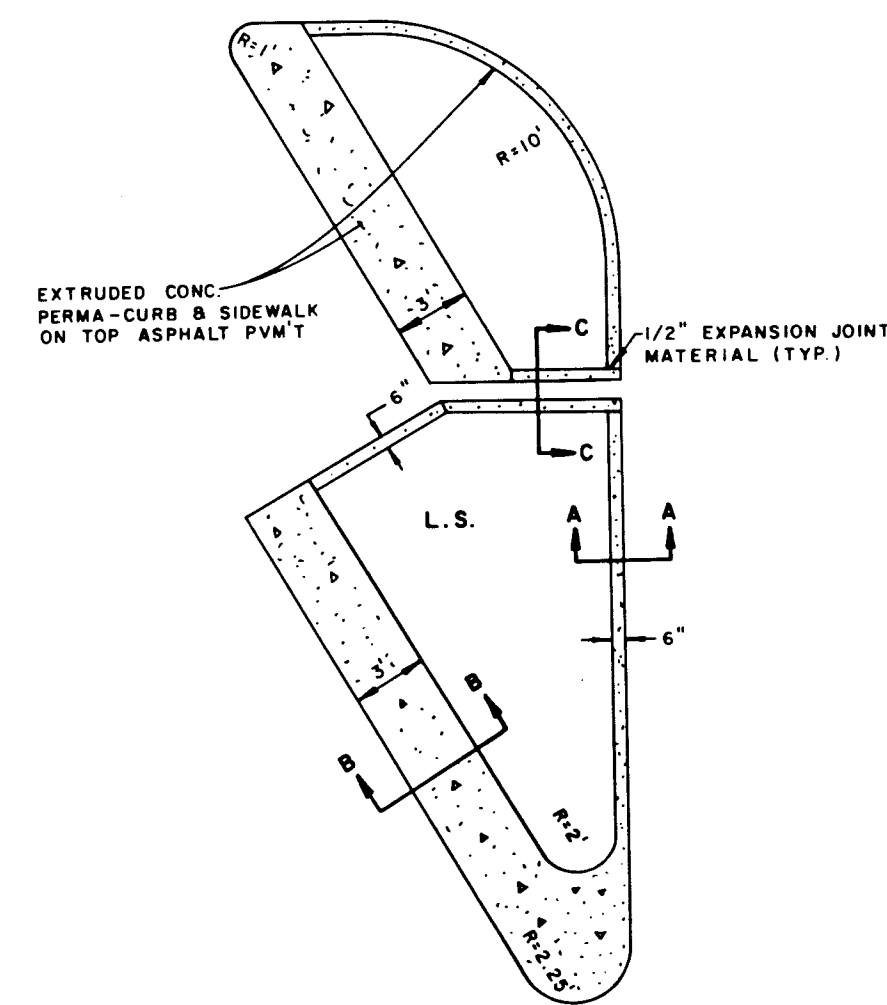
PLAN - BUS BAY SHELTER CENTRAL AVENUE
NOT TO SCALE



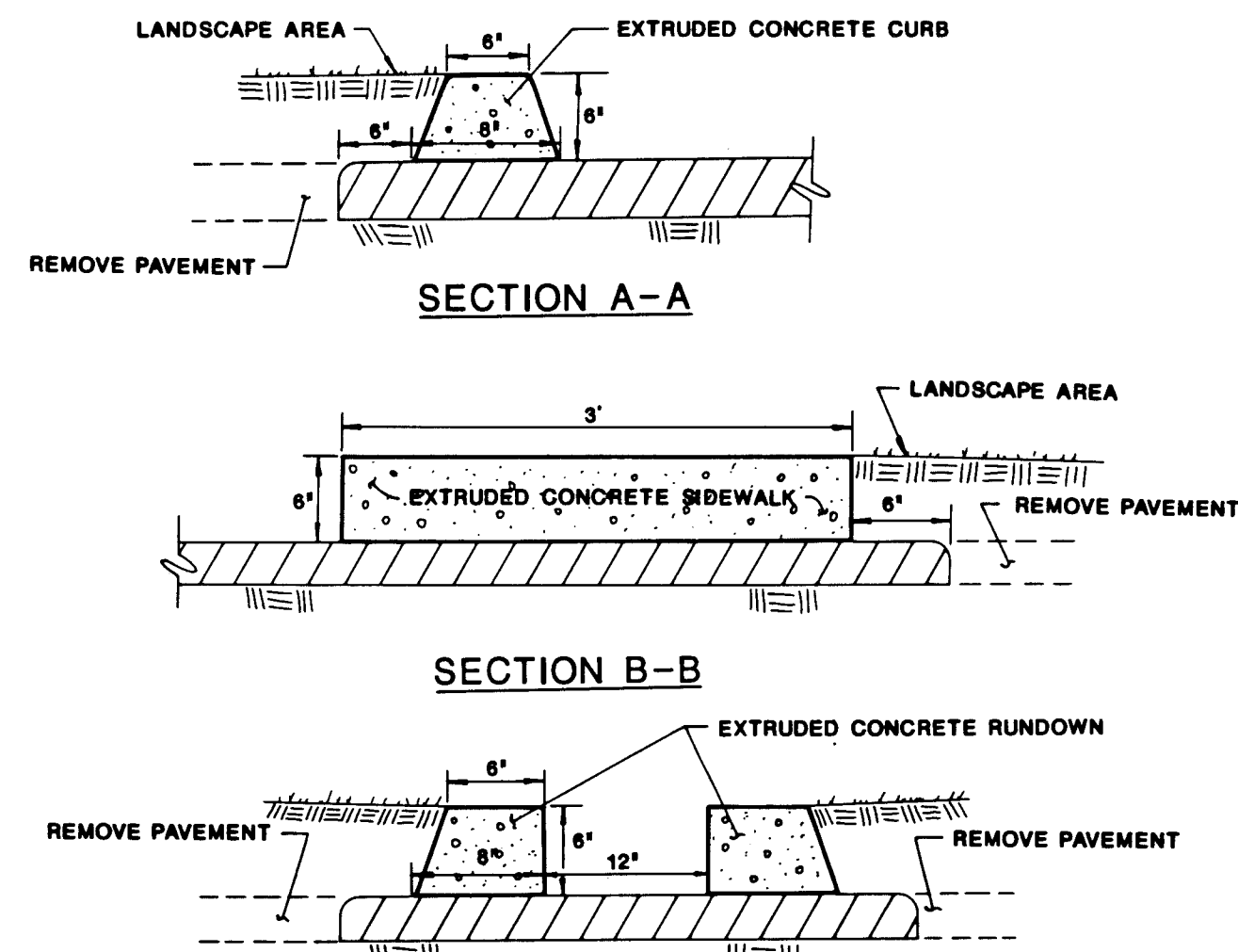
TYPICAL SECTION
BUS SHELTER PAD
NOT TO SCALE

26 32971388

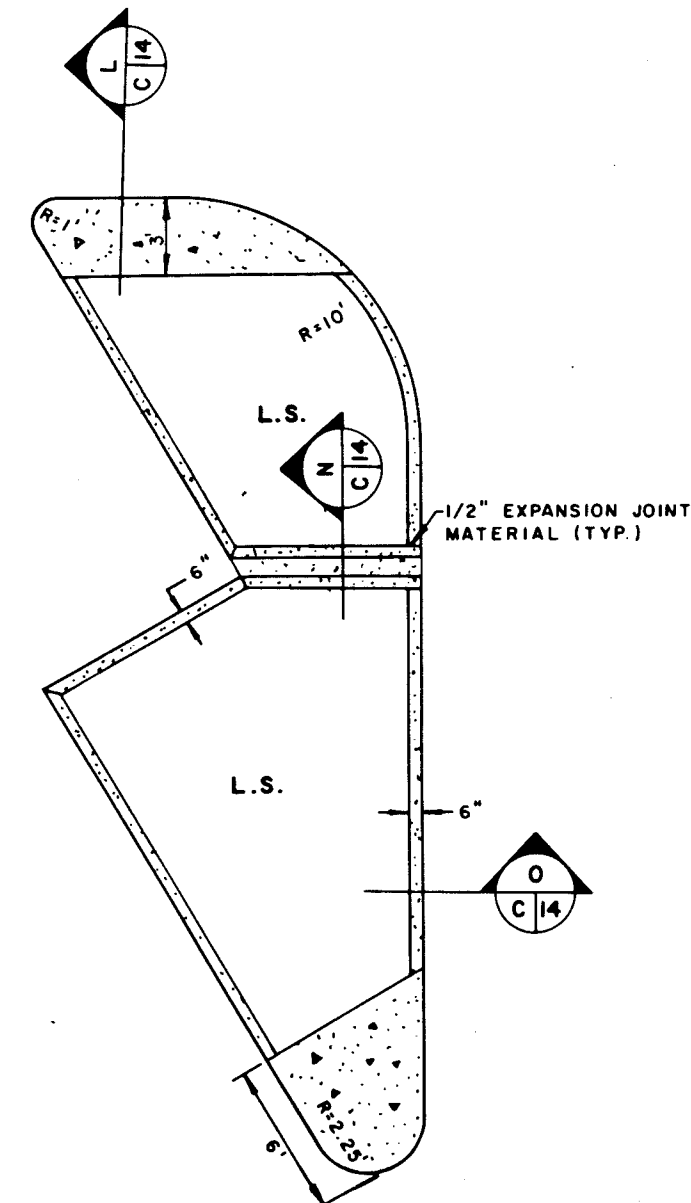
NO.	REVISIONS	DATE
1	Rev. Pond A Pump - Drain 24 hrs.	Dec 1987
COORS & CENTRAL SHOPPING CENTER-PHASE 1A & 1B DETAILS		
EASTERLING & ASSOCIATES, INC. CONSULTING ENGINEERS		
5643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114		
Designed: DW	Drawn: STAFF	Checked: DW
Job No:	Date: AUGUST 1987	Sheet
		C13



PLAN- PHASE 1A

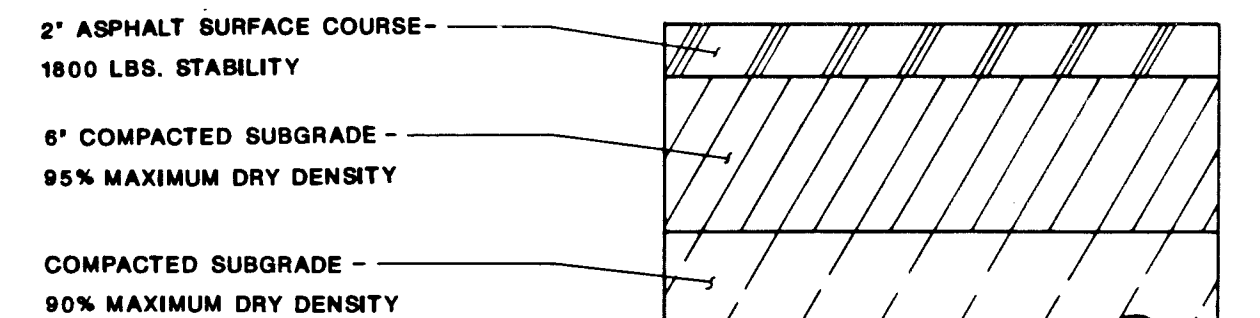


EXTRUDED CONCRETE CURB & SIDEWALK MEDIAN

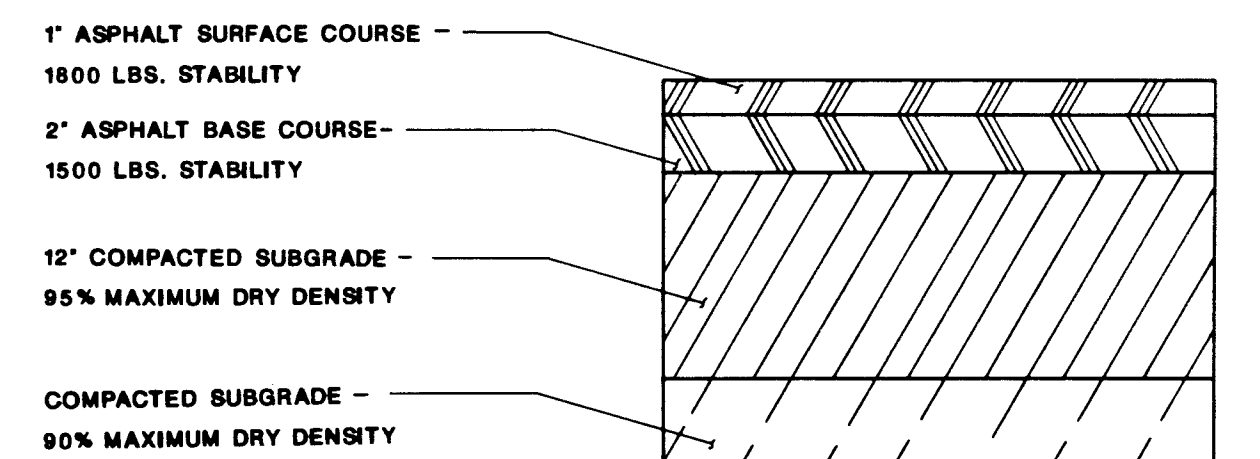


PLAN- PHASE 1B

- GENERAL NOTES**
EXTRUDED CONCRETE PERMA-CURBS
1. PARKING LOT CURBS AND SIDEWALKS SHALL BE MACHINE EXTRUDED PERMA-CURBS OF ONE OF THE SHAPE AND DIMENSIONS SHOWN.
 2. THE CONCRETE USED FOR PERMA-CURB SHALL BE A SPECIAL NO SLUMP, DESIGN MIX ATTAINING APPROXIMATELY 5,500 LB. STRENGTH IN 28 DAYS. PERMA-CURBS SHALL HAVE A DENSE, UNIFORM TEXTURE.
 3. COLD JOINTS SHALL BE INSTALLED EVERY 15 L.F. WEAP HOLES SHALL BE INSTALLED, AT THE DISCRETION OF THE ARCHITECT, TO SUIT LOCAL CONDITIONS.
 4. INSTALL DRAINAGE RUNDOWNS THROUGH PERMA-CURB MEDIANS TO ALLOW CROSS DRAINAGE TO PASS THROUGH.
 5. PERMA-CURBS SHALL IMMEDIATELY BE SPRAYED WITH SEALER TO ATTAIN THE MAXIMUM MOISTURE RETENTION.
 6. PERMA-CURBS SHALL BE BONDED TO ASPHALT AND/OR CONCRETE SURFACES WITH EPOXY RESIN OR CSS 1 BITUMENS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, TO ASSURE A STRONG MOISTURE PROOF BOND.
 7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE.



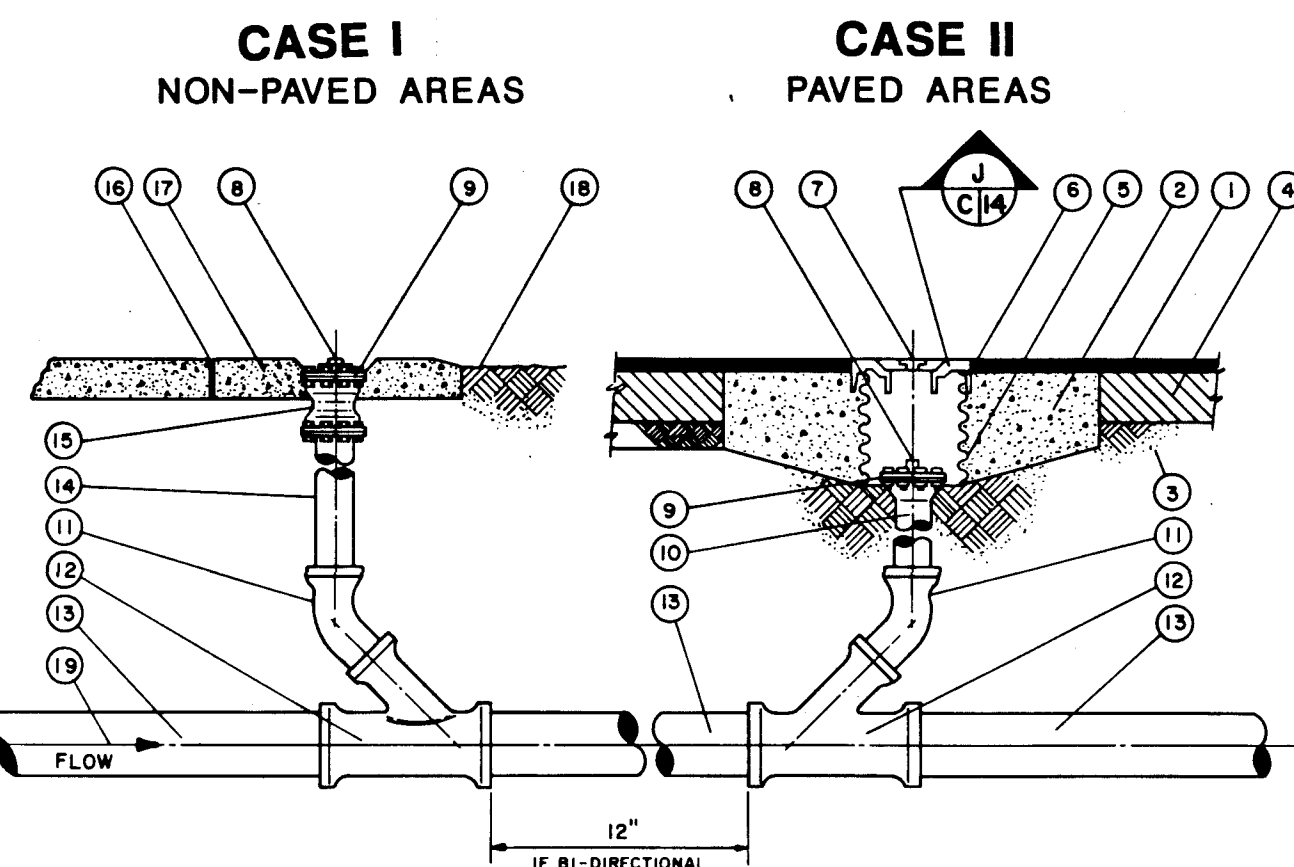
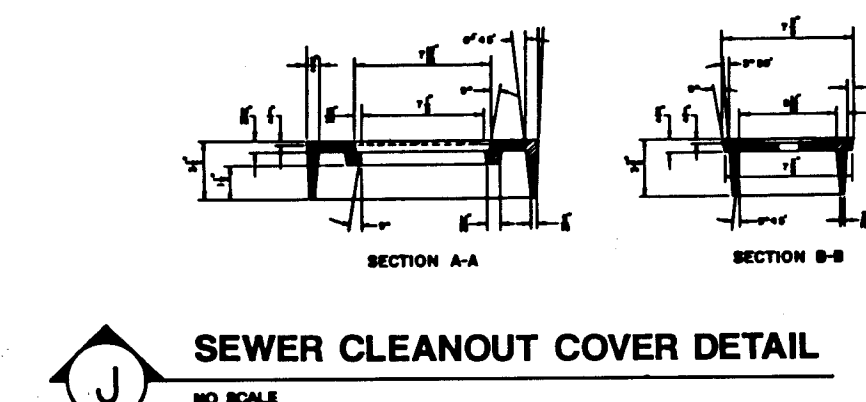
TYPICAL PARKING LOT PAVEMENT SECTION



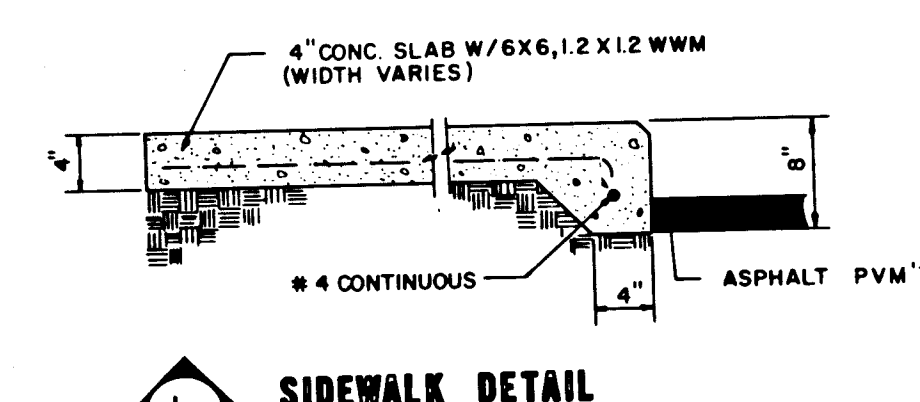
TYPICAL DRIVING LANE PAVEMENT SECTION

- GENERAL NOTES - PARKING LOT AND DRIVE LANE PAVEMENT**
1. DRIVE LANES ARE DEFINED TO BE THE MAJOR TRAVEL WAYS ADJACENT TO THE SHOPPING CENTER, PERIMETER DRIVES AROUND PARKING LOT, AND ACCESS DRIVES ONTO COORS ROAD AND CENTRAL AVENUE.
 2. ASPHALT SURFACE COURSE SHALL BE GRADATION TYPE B FOR PARKING AREAS AND GRADATION TYPE C FOR ALL DRIVE LANES. ASPHALT BASE COURSE SHALL BE GRADATION TYPE A FOR ALL DRIVE LANE AREAS.

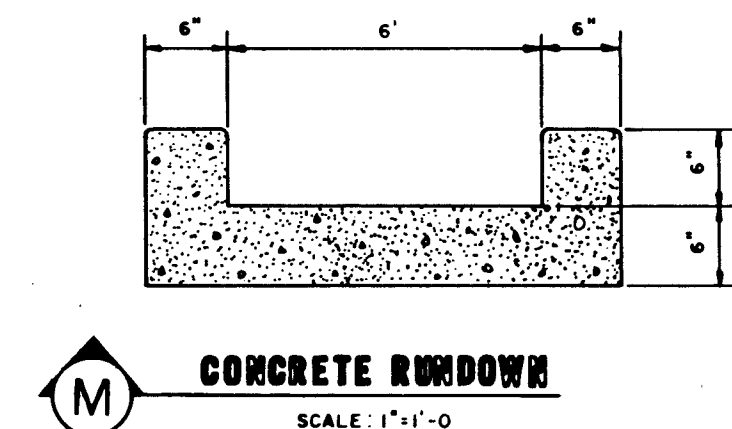
- KEYED NOTES**
SANITARY SEWER CLEAN-OUT DETAIL
1. ASPHALTIC CONC. PAVEMENT
 2. PORTLAND CEMENT CONC. (ROUGH SURFACE FINISH).
 3. COMPACTED SUBGRADE 90% BY ASTM D 1557.
 4. COMPACTED SUBBASE 95% BY ASTM D 1557.
 5. SPECIAL 12" DIA. CORRUGATED GALV. CULVERT PIPE 14 GA., DIPPED IN COAL TAR ENAMEL, OR COATED WITH POLYMERIC COATING (WHEELING PLASTILOTE, MANUFACTURED BY WHEELING CORRUGATING CO. OR APPROVED EQUAL). 3 MILS THICK MIN. MEETING REQUIREMENTS SET BY A.A.S.H.T.O. M 245.
 6. RING.
 7. COVER.
 8. GALVANIZED THREADED PLUG W/SQUARE NUT (4" DIAMETER).
 9. THREADED COMPANION FLANGE (DIA. SEE 10.).
 10. 12" MIN. DUCTILE IRON SANITARY SEWER CLEAN-OUT (4" DIAMETER).
 11. PVC LONG RADIUS 45° BEND.
 12. PVC WYE (RUN SIZE SEE PLAN)(BRANCH SIZE 4" DIAMETER).
 13. PVC SANITARY SEWER LINE (DIA. SEE PLAN).
 14. PVC CLEANOUT (4" DIAMETER).
 15. 18" MIN. DUCTILE IRON SAS CLEANOUT (4" DIAMETER).
 16. 1/2" EXPANSION JOINT MATERIAL ALL AROUND PAD WHEN LOCATED IN SIDEWALK OR MEDIAN CONC.
 17. 3'-0" SQ. X 8" MIN. CONCRETE COLLAR.
 18. GRADE EXISTING GROUND TO CONC. COLLAR.
 19. SINGLE DIRECTION CLEAN-OUTS SHALL INTERSECT IN DIRECTION OF FLOW.



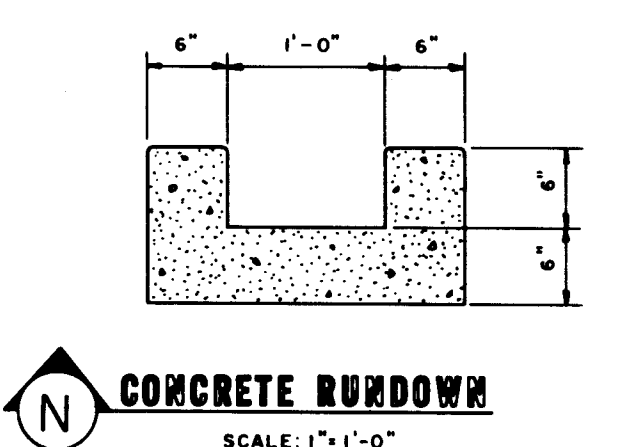
TYPICAL SAS CLEANOUT



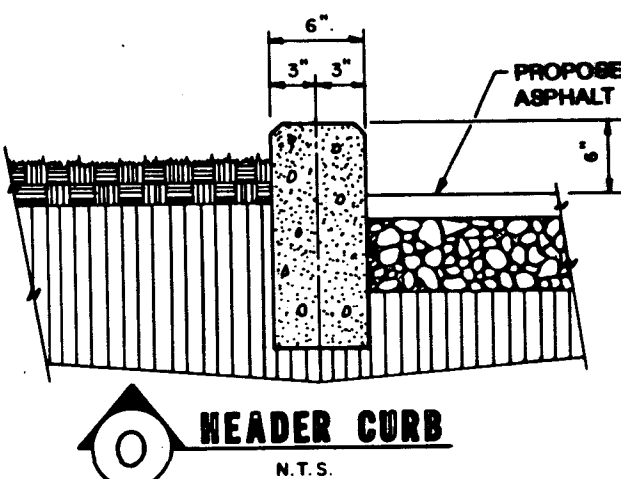
SIDEWALK DETAIL



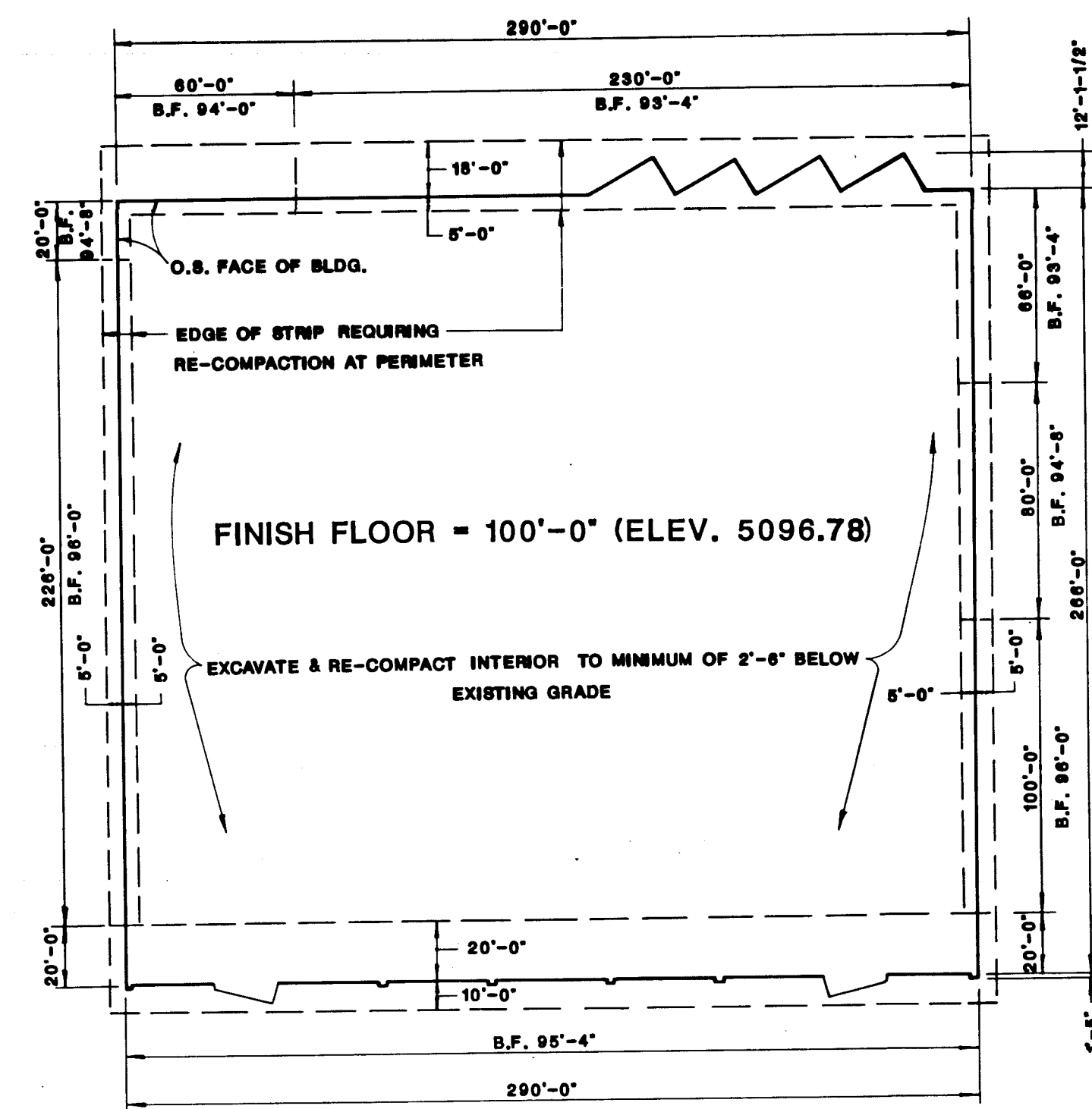
CONCRETE RUNDOWN



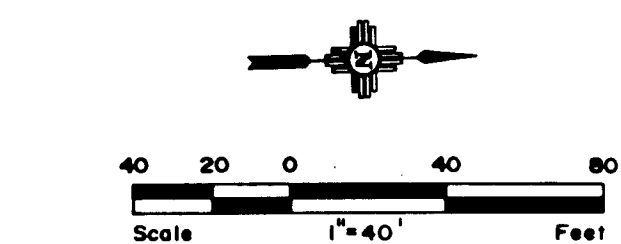
CONCRETE RUNDOWN



HEADER CURB



BLDG. A- FOUNDATION EXCAVATION SCHEMATIC



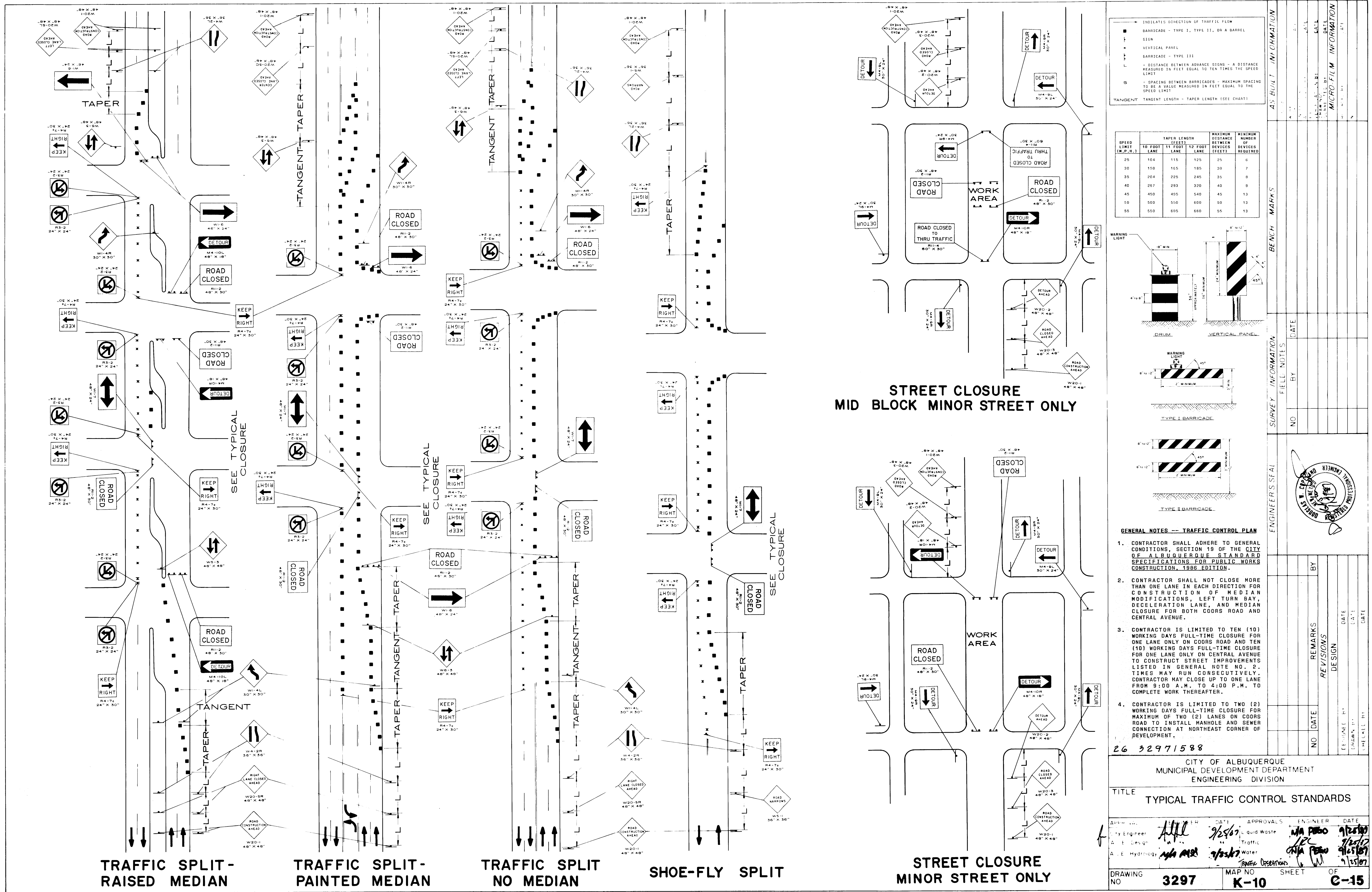
SAVE 'N GAIN STORE #623 COORS & CENTRAL ASD., N.M.

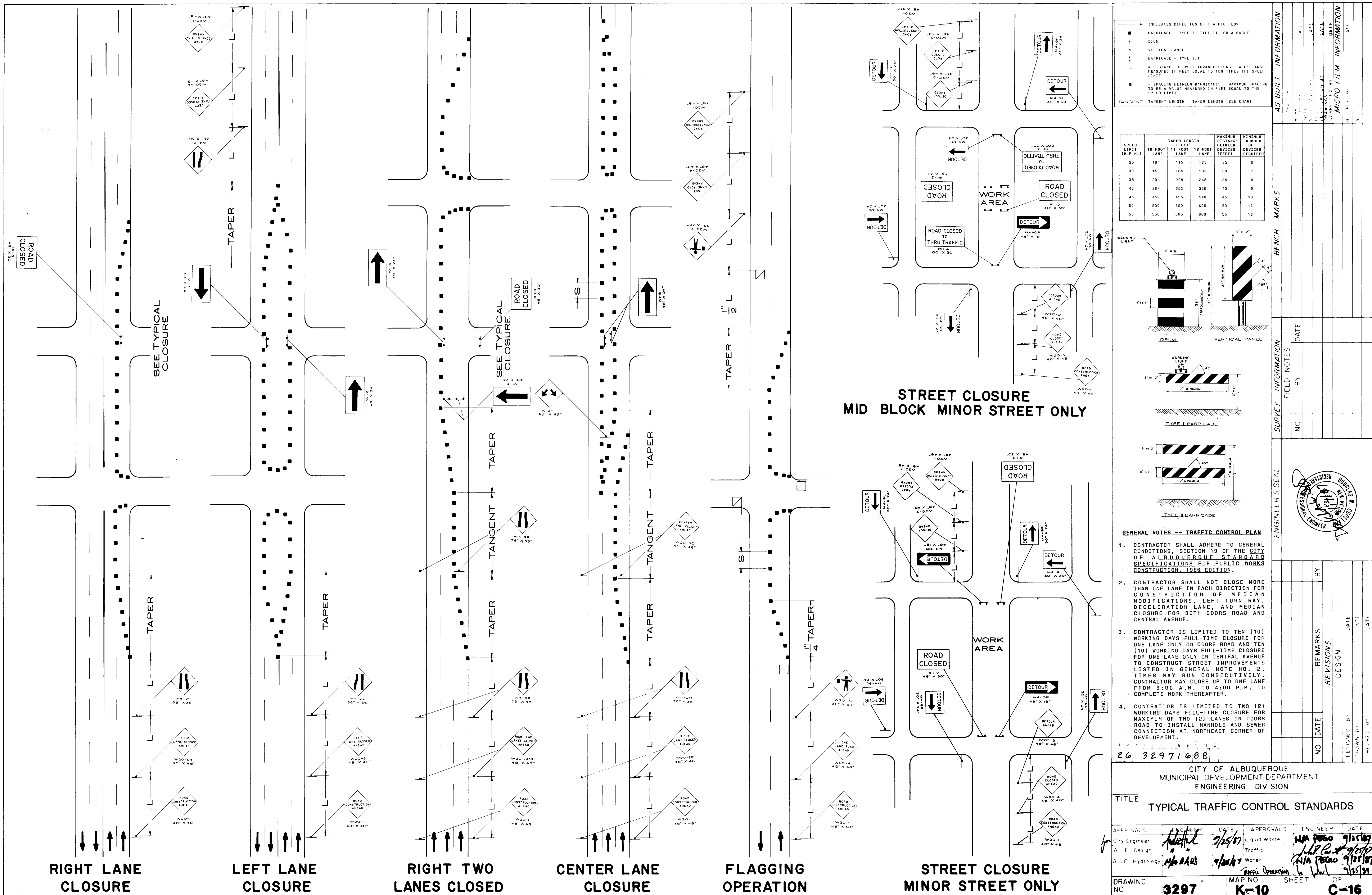
NOT TO SCALE
FOR INFORMATION ONLY
OBTAIN SCALE DRAWING FROM
EASTERLING & ASSOCIATES, INC.

NOTES:
LAYOUT OF RE-COMPACTION OF EXISTING SOIL REQUIRED TO MINIMUM OF 2'-6" BELOW BOTTOMS OF PERIMETER FOOTINGS IN ACCORDANCE WITH STRUCTURAL ENGINEERING SPECIFICATIONS FURNISHED BY ARCHITECT
B.F. = BOTTOM OF FOOTING

26 32971488

NO.	REVISIONS	BY	DATE
COORS & CENTRAL SHOPPING CENTER-PHASE 1A & 1B DETAILS			
EASTERLING & ASSOCIATES, INC. CONSULTING ENGINEERS 5643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114			
Designed: DW	Drawn: STAFF	Checked: DW	Sheet: C14
Job No:	Date:	AUGUST 1987	





INDICATES DIRECTION OF TRAFFIC FLOW

■ BARRICADE - TYPE 1, TYPE 11, OR A BARRIEL

— SIGN

— VERTICAL PANEL

— BARRICADE - TYPE 111

— DISTANCE BETWEEN ADVANCE SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT

— SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT

TANGENT TANGENT LENGTH = TAPER LENGTH (SEE CHART)

SPEED LIMIT (M.P.H.)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10 FOOT LANE	11 FOOT LANE	12 FOOT LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

DRUM

VERTICAL PANEL

TYPE I BARRICADE

TYPE II BARRICADE

GENERAL NOTES -- TRAFFIC CONTROL PLAN

- CONTRACTOR SHALL ADHERE TO GENERAL CONDITIONS, SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE IN EACH DIRECTION FOR CONSTRUCTION OF MEDIAN MODIFICATIONS, LEFT TURN BAY, DECELERATION LANE, AND MEDIAN CLOSURE FOR BOTH COORS ROAD AND CENTRAL AVENUE.
- CONTRACTOR IS LIMITED TO TEN (10) WORKING DAYS FULL-TIME CLOSURE FOR ONE LANE ONLY ON COORS ROAD AND TEN (10) WORKING DAYS FULL-TIME CLOSURE FOR ONE LANE ONLY ON CENTRAL AVENUE TO CONSTRUCT STREET IMPROVEMENTS LISTED IN GENERAL NOTE NO. 2. TIMES MAY RUN CONSECUTIVELY. CONTRACTOR MAY CLOSE UP TO ONE LANE FROM 9:00 A.M. TO 4:00 P.M. TO COMPLETE WORK THEREAFTER.
- CONTRACTOR IS LIMITED TO TWO (2) WORKING DAYS FULL-TIME CLOSURE FOR MAXIMUM OF TWO (2) LANES ON COORS ROAD TO INSTALL MANHOLE AND SEWER CONNECTION AT NORTHEAST CORNER OF DEVELOPMENT.

26 32971688

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE
TYPICAL TRAFFIC CONTROL STANDARDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	APR 25/87	9/25/87	Liquid Waste	APR 25/87	9/25/87
City Design	APR 25/87	9/25/87	Traffic	APR 25/87	9/25/87
City Hydrology	APR 25/87	9/25/87	Water	APR 25/87	9/25/87
City Planning	APR 25/87	9/25/87	Public Works	APR 25/87	9/25/87

DRAWING NO. 3297 - MAP NO. K-10 SHEET OF C-16