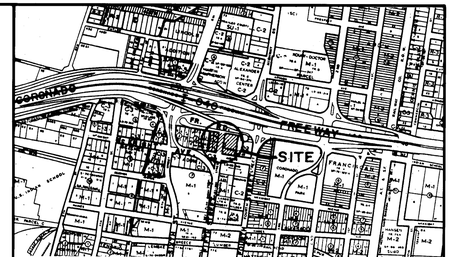
TRAVELERS INN

INFRASTRUCTURE IMPROVEMENTS



LOCATION MAP
ZONE ATLAS H-14
NORTH

NOTICE TO CONTRACTOR

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction, 1986.
2. Two (2) working days prior to any excavation, contractor must contact New Mexico One-Call System, Inc., 260-1990, for location of existing utilities.
3. 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 or surveyor so that the conflict can be resolved with a minimum amount of delay.
4. All traffic control or guide signs requiring removal will be relocated by the contractor as directed by the engineer. Cost of relocation will be incidental to other pay items.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [X] All utilities and utility service lines shall be installed prior to paving.
- [X] Backfill compaction shall be according to specific street use.
- [X] Tack coat requirements shall be determined by the City Engineer.
- [X] Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- [X] If curb is depressed for a drivepad or a handicap ramp, the drivepad or ramp shall be constructed prior to the acceptance of the curb and gutter.
- [X] All storm drainage facilities shall be completed prior to final acceptance.
- [X] Three (3) working days prior to construction, contractor shall contact Water Systems (857-8200) for a valve shut-off plan.

TRAFFIC CONTROL

Three (3) working days prior to beginning construction the contractor shall submit to the Construction Co-ordination Division a detailed construction schedule. Two (2) working days prior to construction the contractor shall obtain a barricading permit from the Construction Co-ordination Division. Contractor shall notify Barricading Engineer (768-2551) prior to occupying an intersection.

INDEX

TITLE SHEET	Sheet 1 of 5
PLAT	Sheet 2 of 5
GRADING AND DRAINAGE PLAN	Sheet 3 of 5
5TH STREET RELOCATION	Sheet 4 of 5
WATERLINE AND MISC.	SHEET 5 of 5

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 10/8/91

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 0 4 5 1 9 0 0 1 9 1

REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE

APPROVAL OF REVISIONS

SCANNED BY BY LASON

NEW MEXICO 6512 REGISTERED PROFESSIONAL ENGINEER FRANK D. LOVELADY 5/31/90

FRANK D. LOVELADY, P. E.
Civil Engineering
7408 Morrow Ave. N.E.
Albuquerque, New Mexico 87110
(505) 883-7973

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 1-7-91

PROJECT NUMBER
4045.90

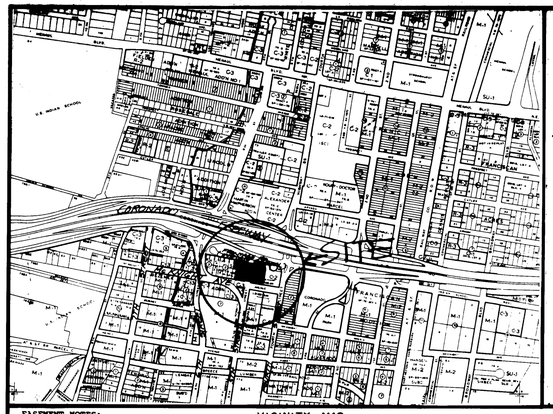
SHEET 1 OF 5

TALOS LOG # 900531 0941 0090

A PLAT OF TRACT "A", BLOCK 1 BEZEMEK ADDITION WITHIN SECTION 8, T.10 N., R.3 E., N.M.P.M. ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO APRIL 1990

91 4954

FOR RECORDING INFORMATION



VICINITY MAP

N.T.S.

UTILITY EASEMENTS

UTILITY EASEMENTS shown on this plat include but are not limited to:

1. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. U.S. West for the installation, maintenance, and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
3. Zones intercable for the installation, maintenance and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, repair, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working areas space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, wall, pool, (aboveground or subsurface), hot tub, concrete or asphalt paving, or other structure shall be erected or constructed on, over, or under said easements, nor shall be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of pools, decking, or any structures adjacent to, within or near easements shown on this plat.

Donna Bing — 12-26-90
GAS COMPANY OF NEW MEXICO — DATE

Rubin Gillis — 11-16-90
PUBLIC SERVICE CO. OF NEW MEXICO — DATE

J. A. Anderson — 5-23-90
U.S. WEST COMMUNICATIONS — DATE

EASEMENT NOTES:

1) 7' X 100' UTILITY EASEMENT FOR P.N.M. AND M.S.T. & T. PER DOCUMENT NO. 82-8164, FILED: FEBRUARY 16, 1982 IN BOOK: MISC. 910, PAGE: 368.

2) 7' X 30' UTILITY EASEMENT FOR P.N.M. AND M.S.T. & T. PER DOCUMENT NO. 82-8165, FILED: FEBRUARY 16, 1982 IN BOOK: MISC. 910, PAGE: 369.

3) 5' UTILITY EASEMENT PER RESTRICTIVE AGREEMENT IN THE BEZEMEK ADDITION, FILED JANUARY 30, 1942 IN VOLUME: "P" MISC., PAGE: 220.

4) 5' UTILITY EASEMENT PER RESTRICTIVE AGREEMENT IN THE BEZEMEK ADDITION, FILED JANUARY 30, 1942 IN VOLUME: "P" MISC., PAGE: 220. AFFECTING THE 5' WIDE VACATED STRIP OF MCKNIGHT AVENUE N.W. (V-90-11)

5) UTILITY EASEMENT FOR P.N.M. AND M.S.T. & T. PER DOCUMENT NO. 28119, FILED: SEPTEMBER 5, 1974 IN BOOK: MISC. 385, PAGE: 374.

ADJOINER NOTES:

1) PER WARRANTY DEED, BEZEMEK TO REYNAUD, FILED: JANUARY 15, 1946, IN BOOK: D-4, PAGE: 171.

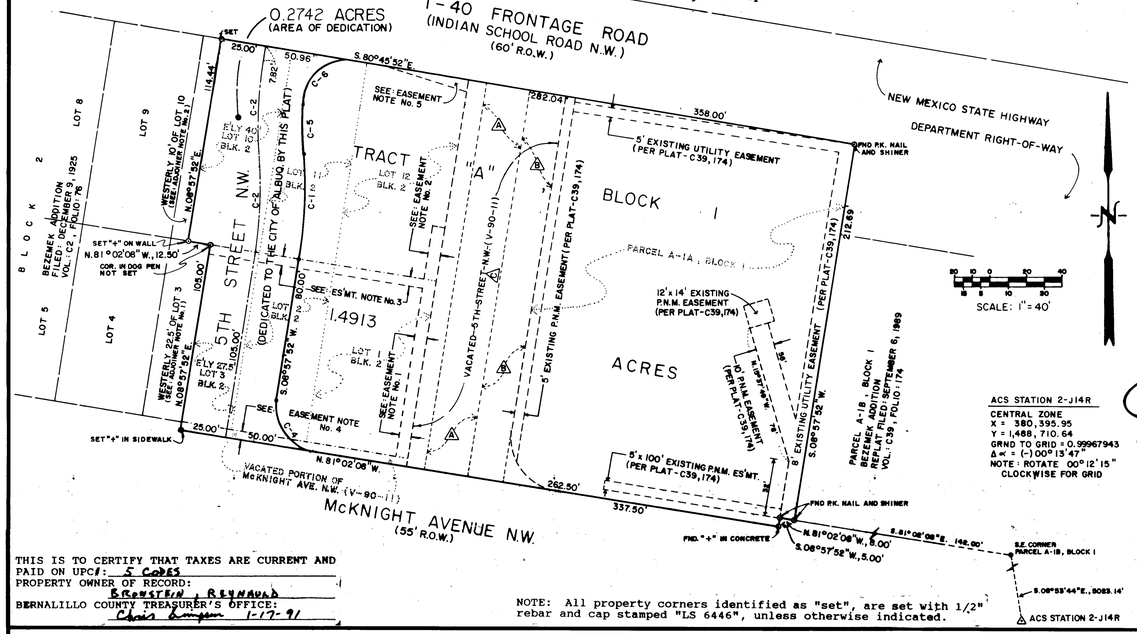
2) PER WARRANTY DEED, BEZEMEK TO REYNAUD, FILED: JULY 17, 1945, IN BOOK: 228, PAGE: 117.

PNM DISCLAIMER

By approving this document, PNM does NOT waive or release any easement or easement rights which may have been granted by prior plat, replat, or document.

△1 25' WIDE PUBLIC UTILITY SEWER LINE EASEMENT (GRANTED BY THIS PLAT)
△2 20' WIDE PUBLIC DRAINAGE EASEMENT (GRANTED BY THIS PLAT)
△3 VACATED 5TH STREET RESERVED FOR PUBLIC UTILITIES (V-90-11)

Disclosure Statement - The purpose of this plat is to consolidate lots, and complete vacation action (V-90-11) by dedication of new right-of-way.



ACS STATION 2-J14R
CENTRAL ZONE
X = 380,395.95
Y = 1,488,710.64
GRND TO GRID = 0.99967943
Δ α = (-)00°13'47"
NOTE: ROTATE 00°12'15" CLOCKWISE FOR GRID

NOTE: All property corners identified as "set", are set with 1/2" rebar and cap stamped "LS 6446", unless otherwise indicated.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC#: 5 CODES
PROPERTY OWNER OF RECORD: B. REYNAUD
BERNALILLO COUNTY TREASURER'S OFFICE: Chris Romero 1-17-91

CURVE TABLE

CURVE NO.	DELTA	RADIUS	LENGTH
C-1	13°23'15"	255.00'	59.58'
C-2	13°23'15"	230.00'	53.74'
NRD			
C-4	90°00'00"	25.00'	39.27'
C-5	07°49'59"	205.00'	28.03'
C-6	95°49'32"	25.00'	41.81'

LEGAL DESCRIPTION AND FREE CONSENT

The undersigned owner(s) of the land hereon shown do hereby consent to the Replat of the land hereon shown: Parcel A-1A, Block 1, as shown and designated on the plat of Parcels A-1A and A-1B, Block 1, BEZEMEK ADDITION, said plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on September 6, 1989 in Volume C39, Folio 174; TOGETHER WITH, Lots 1 and 12, Block 2, as shown and designated on the Amended and Supplemental Plat of BEZEMEK ADDITION, said plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on March 29, 1929 in Volume C2, Folio 112; TOGETHER WITH, all of Lots 2 and 11, and the Easterly 27.50 feet of Lot 3 and the Easterly 40.00 feet of Lot 10, all in Block 2, and all as shown and designated on the plat of the BEZEMEK ADDITION, said plat thereof field in the office of the County Clerk of Bernalillo County, New Mexico on December 9, 1925 in Volume C2, Folio 76; TOGETHER WITH, a vacated portion of 5th Street N.W. (V-90-11) and is with the free consent and in accordance with the desires of the undersigned owner(s) and proprietor(s) thereof, and hereby dedicate additional right-of-way and grant additional easements, as shown hereon.

Campbell Holdings
By: Jack B. Campbell — 4-24-90
Owner(s) JACK B. CAMPBELL — Date

ACKNOWLEDGEMENT

STATE OF ~~NEW MEXICO~~ CALIFORNIA)
) ss.
COUNTY OF ~~BERNALILLO~~ ORANGE)

The foregoing instrument was acknowledged before me this 24th day of APRIL, 19 90, By: JACK B. CAMPBELL

My Commission Expires: 8-9-91
Notary Public

CITY/COUNTY APPROVALS:

Property Management	5/2/90 Date
City Surveyor	6/20/90 Date
City Water Resources	1-15-91 Date
City Engineer	1/11/91 Date
City Engineer	1/11/91 Date
A.M.A.F.C.A.	6-21-90 Date
Traffic Engineer	8/21/90 Date
Parks and Recreation	1/22/91 Date
City Planning Director	S-90-8

SURVEYOR'S CERTIFICATION

I, Franklin E. Wilson, a registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and that it is true and correct to the best of my knowledge and belief.

Franklin E. Wilson, N.M.P.L.S. No. 6446 — 5/18/90 Date

SOUTHWEST SURVEYING CO.
333 Lomas Blvd, N.E., Albuquerque, New Mexico 87102
(505) 247-4444

DRB 90-42

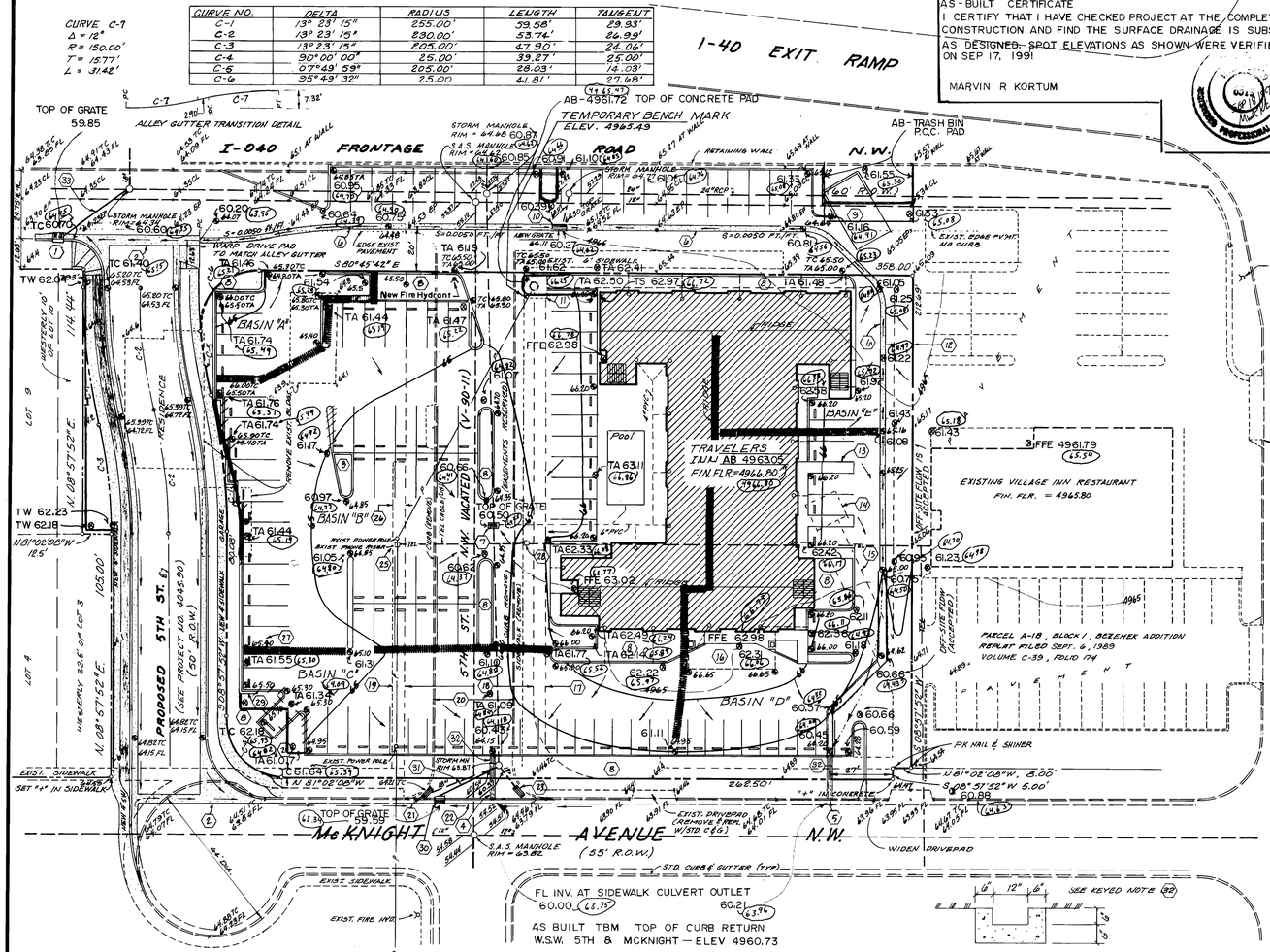
SEC. 8, T10N, R3E

SCANNED BY BY LASON

4045.90

CURVE NO.	DELTA	RADIUS	LEUGTH	TAUGENT
C-1	13° 23' 15"	255.00'	59.58'	29.93'
C-2	13° 23' 15"	230.00'	53.74'	26.99'
C-3	13° 23' 15"	205.00'	47.90'	24.04'
C-4	90° 00' 00"	25.00'	39.27'	25.00'
C-5	07° 49' 59"	205.00'	28.03'	14.03'
C-6	95° 49' 32"	25.00	41.81'	27.68'

CURVE C-7
Δ = 12°
R = 150.00'
T = 15.77'
L = 31.42'

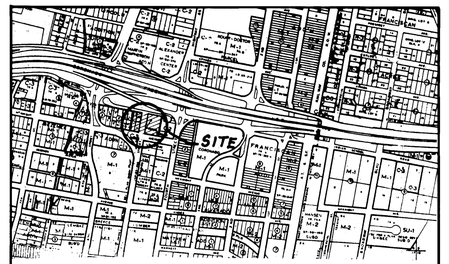


AS-BUILT CERTIFICATE
I CERTIFY THAT I HAVE CHECKED PROJECT AT THE COMPLETION OF CONSTRUCTION AND FIND THE SURFACE DRAINAGE IS SUBSTANTIALLY AS DESIGNED~~,~~ SPOT ELEVATIONS AS SHOWN WERE VERIFIED BY ME ON SEP 17, 1991

MARVIN R KORTUM

SCALE 1"=30'

FLOODWAY MAP — NORTH — PANEL NO. 22 of 50



VICINITY MAP — NORTH — ZONE ATLAS NO. H-14

NOTE: FLOOD INSURANCE RATE MAP SHOWS FOURTH STREET TO HAVE A FLOOD ZONE DESIGNATION OF AO (DEPTH 1)

FLOWLINE ELEV.= 4964.79 PER H-14/D-11. FIN. FLR. OF TRAVELERS INN IS SET 2.0' HIGHER.

DRAINAGE CALCULATIONS

EXISTING CONDITIONS:

THE SITE IS BOUNDED ON THE NORTH BY INDIAN SCHOOL ROAD (I-040 FRONTAGE ROAD) AND ON THE SOUTH BY MC KNIGHT AVENUE. THE SITE IS CURRENTLY PARTIALLY DEVELOPED AND IS DIVIDED AT APPROXIMATELY IN THE MIDDLE BY EXISTING 5TH STREET WHICH HAS BEEN VACATED. THE EASTERN PROTION OF THE SITE IS TWO-THIRDS PAVED AND ONE-THIRD DIRT. THE WESTERN PORTION OF THE SITE HAS COMMERCIAL AND RESIDENTIAL BUILDINGS WHICH WILL BE REMOVED. THERE IS A 12" STORM SEWER IN 5TH STREET WHICH CONNECTS TO A 24" STORM SEWER IN INDIAN SCHOOL ROAD AND FINALLY TO THE 36" LINE IN 4TH STREET. THERE ARE EXISTING CATCH BASINS AT THE NW AND NE CORNERS OF 5TH AND MC KNIGHT AND AT THE SE CORNER OF 5TH AND THE I-040 FRONTAGE ROAD. EAST OF THE SITE IS AN EXISTING RESTAURANT (HYDROLOCY FILE NO. H-14/D-11) AND WEST OF THE SITE IS RESIDENTIAL. A PORTION OF I-040 FRONTAGE ROAD (THE PROTION BORDERING THE SITE ON THE NORTH) IS LEASED FROM THE NEW MEXICO HIGHWAY AND TRANSPORTATION DEPARTMENT BY TRAVELERS INN.

PROPOSED CONDITIONS:

5TH STREET WILL BE RELOCATED TO NEWLY-DEDICATED RIGHT-OF-WAY AT THE EAST END OF THE SITE AND WILL CONNECT THE EXISTING I-040 FRONTAGE ROAD TO THE EXISTING TURNAROUND ON MC KNIGHT AVENUE. THE SITE WILL BE DEVELOPED AS A TRAVELERS INN WITH BUILDING, LANDSCAPING ASPHALT PAVING AND SIDEWALKS. AS MUCH AS POSSIBLE, RUNOFF WILL BE DISCHARGED THROUGH SIDEWALK CULVERTS TO MC KNIGHT AVENUE AND THE I-040 FRONTAGE ROAD. GRADES ON THE FRONTAGE ROAD WILL NOT BE CHANGED. CURB AND GUTTER WILL BE ADDED AS REQUIRED FOR DRAINAGE AND TRAFFIC CONTROL. ALONG THE EAST SIDE OF THE SITE, A SECTION OF ALLEY GUTTER IS PROPOSED BECAUSE THE GRADES HAVE TO BE EXTREMELY FLAT TO MATCH EXISTING GRADES ADJACENT TO THE RESTAURANT. ONE SINGLE "D" INLET IS PROPOSED IN THE PARKING LOT TO DRAIN ALL AREAS NOT DRAINED BY SIDEWALK CULVERTS. IT IS PROPOSED TO CONSTRUCT THE SINGLE "D" INLET OVER (CONNECTED TO) THE EXISTING 12" RCP STORM SEWER LINE IN THE VACATED 5TH STREET RIGHT-OF-WAY.

SOIL INFORMATION:

SOIL IS Gk, GLENDALE LOAM, HYDROLOGIC SOIL GROUP "B".

FLOOD ZONE:

THE SITE IS IN THE 500-YEAR FLOOD ZONE. THERE IS A 100-YEAR FLOOD ZONE ON 4TH STREET.

RAINFALL, 100-YEAR, 6-HOUR:

(REFER TO D.P.M. PLATE 22.2 D-1.) R_6 = 2.2 INCHES.

TIME OF CONCENTRATION:

USE TEN (10) MINUTES, MINIMUM TIME OF CONCENTRATION.

DRAINAGE AREAS (IMPERVIOUSNESS):

SURFACE TYPE	"C"	CN	DIRECT RUNOFF	AREA (SQUARE FEET) EXISTING	DEVELOPED
BUILDING	0.90	98	2.00	33373	10942
ASPHALT & CONCRETE	0.95	98	2.00	31610	59086
LANDSCAPING	0.25	61	0.15	-	6053
DIRT	0.40	82	0.80	11098	-
TOTAL				76081	76081

RAINFALL INTENSITY:

(REFER TO D.P.M. PLATE 22.2 D-2.) $I = R_6 \times 6.84 \times (Tc)^{-0.51}$

$I = 2.2 \times 6.84 \times 10^{-0.51} = 4.65$ INCHES PER HOUR.

WEIGHTED RUNOFF COEFFICIENTS:

EXISTING CONDITIONS: $C_W = \frac{(33373 \times 0.90 + 31610 \times 0.95 + 11098 \times 0.40)}{76081} = 0.85$

DEVELOPED CONDITIONS: $C_W = \frac{(10942 \times 0.90 + 59086 \times 0.95 + 6053 \times 0.25)}{76081} = 0.88$

PEAK RUNOFF:

USE RATIONAL EQUATION, $Q_{100} = CIA$; $Q_{10} = 0.657(Q_{100})$

EXISTING CONDITIONS: $Q_{100} = 0.85 \times 4.65 \times 1.75 = 6.92$ CFS

DEVELOPED CONDITIONS: $Q_{100} = 0.88 \times 4.65 \times 1.75 = 7.16$ CFS

6-HOUR VOLUME:

(USE SCS METHOD V = (AREA X DIRECT RUNOFF)/12)

EXISTING CONDITIONS:

$V_{100} = \frac{(64983 \times 2.00 + 11098 \times 0.80)}{12} = 11570$ CF

DEVELOPED CONDITIONS:

$V_{100} = \frac{(70028 \times 2.00 + 6053 \times 0.15)}{12} = 11747$ CF

DRAINAGE BASINS:

THE ABOVE RUNOFF RATES AND VOLUMES ARE DIVIDED BETWEEN THE VARIOUS BASINS BY PRORATING THE INDIVIDUAL BASIN AREAS TO THE TOTAL SITE AREA. THIS METHOD IS NOT ENTIRELY ACCURATE BUT IS ADEQUATE FOR CHECKING OUTFALL CAPACITIES.

DRAINAGE BASIN	AREA (SF)	PERCENT	Q_{100}	Q_{10}	V_{100}	V_{10}
A	2450	3.22	0.23	0.15	378	249
B	44341	58.28	4.17	2.74	6846	4498
C	10615	13.95	1.00	0.66	1639	1077
D	13075	17.19	1.23	0.80	2020	1326
E	5600	7.36	0.53	0.35	864	568
TOTAL	76081	100.00	7.16	4.70	11747	7718

SIDEWALK CULVERT CAPACITY:

SLOPE FROM INLET TO PROPERTY LINE IS 0.005 FT./FT. SLOPE FROM PROPERTY LINE TO STREET FLOWLINE IS 0.0200 FT./FT. USE THE FLATTER OF THE TWO SLOPES TO CALCULATE CAPACITY.
USE MANNING'S EQUATION TRY 1.0' SIDEWALK CULVERT, DEPTH OF 6".

$Q = A(1.486/N)R^{2/3}S^{1/2}$ A = 1 X 0.5 = 0.5 SF P = 0.5 + 1.0 + 0.5 = 2.0

R = A/P = 0.5 / 2 = 0.25 N = 0.013

$Q = 0.5(1.486/0.013)(0.25)^{2/3}(0.005)^{1/2} = 1.60$ CFS A 12" SIDEWALK CULVERT IS ADEQUATE TO DRAIN BASINS "A", "C", AND "D".

SINGLE "D" INLET CAPACITY:

USE ORIFICE EQUATION. ASSUME 3" DEPTH OVER GRATE. PER STANDARD DRAWING NO. 2220, EACH OPENING IS 1.54" X 4.44" = 6.83 SQ. IN. = 0.0475 SF

$Q = CA(2GH)^{1/2}$ C = 0.6 A = 0.0475 SF H = 0.25 FT.

$Q = 0.6 \times 0.0475 \times (2 \times 32.2 \times 0.25)^{1/2} = 0.114$ CFS PER OPENING.

96 X 0.114 = 10.94 CFS. SINGLE "D" CATCH BASIN IS ADEQUATE.

EROSION CONTROL NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FOLLOWING:

1. NO SEDIMENT-BEARING WATER SHALL BE ALLOWED TO DISCHARGE FROM THE SITE DURING CONSTRUCTION.
2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED, ALL ADJACENT PROPERTY, RIGHTS-OF-WAY, AND EASEMENTS SHALL BE PROTECTED FROM FLOODING BY RUNOFF FROM THE SITE.
3. SHOULD THE CONTRACTOR FAIL TO PREVENT SEDIMENT BEARING WATER FROM ENTERING PUBLIC RIGHT-OF-WAY, HE SHALL PROMPTLY REMOVE FROM THE PUBLIC RIGHT-OF-WAY ANY AND ALL SEDIMENTATION ORIGINATING FROM THE SITE.
4. CONTROL OF SEDIMENT LADEN WATERS WILL BE ACCOMPLISHED BY USE OF A COMPACTED EARTH BERM OF ADEQUATE HEIGHT. THE BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETER OF THE PROPERTY.

BENCH MARK:

A.C.S. STATION C-424 LOCATED IN THE NW QUADRANT OF WESTBOUND I-040 AND 4TH STREET SET VERTICALLY IN THE NORTH FACE OF THE MOST NORTHERLY OF THREE PIERS OF THE WEST BOUND OVERPASS OF 4TH STREET, 49.7 FT. WEST OF CENTERLINE 4TH STREET AND 3.8 FT. ABOVE GROUND. A 3½" N.G.S. BRASS CAP STAMPED "C-424 1982", DRILLED IN THE CONCRETE BRIDGE PILAR. ELEVATION 4966.899 FEET.

TEMPORARY BENCH MARK:

SOUTHWEST CORNER OF EXISTING 6.5' X 6.5' CONCRETE PAD FOR TRANSMISSION TOWER LOCATED AT THE S.E. CORNER OF THE INTERSECTION OF VACATED 5TH STREET AND I-040 FRONTAGE ROAD. ELEVATION 4965.49 FEET.

LEGAL DESCRIPTION:

TRACT "A", BLOCK 1, BEZEMEK ADDITION WITHIN SECTION 8, T.10 N., R.3 E., N.M.P.M., ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, APRIL 1990.

LEGEND:

EXISTING	NEW	DESCRIPTION
4965	65	CONTOUR
x64.1	64.10	SPOT ELEVATION
		SWALE
		SHEET FLOW
		PROPERTY LINE
-S-	-S-	STORM SEWER
-SAS-		SANITARY SEWER
-W-		WATERLINE
-G-		GAS LINE
	TA	TOP ASPHALT
	TC	TOP CURB
	FL	FLOW LINE
	EP	EDGE PAVEMENT
		ROOF DRAIN THRU CURB

GENERAL NOTES:

1. SEE ARCHITECTURAL SITE PLAN FOR DIMENSIONS OF BUILDING LOCATION AND PARKING LAYOUT.
2. SPOT ELEVATIONS ARE TOP OF ASPHALT UNLESS OTHERWISE NOTED. ADD 0.50 FT. TO OBTAIN TOP OF CURB ELEVATION.
3. ALL DIMENSIONS OF PROPERTY LINES AS DEPICTED HEREON SHALL BE VERIFIED BY THE CONTRACTOR.

AS-BUILT ELEVATIONS 62.12 (63.87) REFERENCE ORIGINAL DATUM
AS-BUILT NOTES AB —
AS-BUILT ELEVATIONS ARE BASED ON DATUM PLAIN AS MEASURED FROM BENCHMARK 2-H14, LOCATED ON TOP OF NNE CURB RETURN — ELEV= 4960.292. THE DESIGN TBM DATUM IS ESTABLISHED 3.75' ABOVE TRUE DATUM

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY (S.O. 19)

NOTICE TO CONTRACTOR

1. 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.
2. ALL WORK DETAILED ON THIS PLAN TO BE PERFORMED UNDER CONTRACT, EXCEPT AS STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. 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 A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO_____ STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. THE ADDRESS OF THE PROPERTY SERVED IS_____

APPROVALS:

HYDROLOGY_____ (NAME) _____ (DATE)
INSPECTOR_____ (NAME) _____ (DATE)
CONSTRUCTION_____ (NAME) _____ (DATE)

ANALYSIS OF DOWNSTREAM CONDITIONS:

THERE IS A 36" STORM DRAIN IN 4TH STREET WHICH CONTINUES TO 3RD STREET AND Mc KNIGHT WHERE IT BECOMES 48" DIAMETER. THE SITE IS PRESENTLY AN INFILL SITE. THE EXISTING SITE IS, OR HAS BEEN, DEVELOPED AND THE AREA IN WHICH THE SITE IS LOCATED IS FULLY DEVELOPED. THE AMOUNT OF ADDITIONAL RUN-OFF THAT WILL BE GENERATED BY DEVELOPMENT IS MINIMAL, ONLY 0.24 CFS AND 177 CF VOLUME, ACCORDING TO THE FLOODWAY MAPS, FLOODING IS RESTRICTED TO THE PUBLIC RIGHT-OF-WAY AND DOES NOT AFFECT PRIVATE PROPERTY. THE SITE ITSELF IS NOT ADJACENT TO THE FLOOD ZONE, BEING SEPARATED FROM IT BY THE VILLAGE INN PROPERTY. HOWEVER, THE FINISH FLOOR ELEVATION HAS BEEN SET 2.0' ABOVE FLOWLINE ON 4TH STREET.

KEYED NOTES:

1. NEW CATCH BASIN, SEE PROJECT 4045.90
2. NEW VALLEY GUTTER. SEE PROJECT 4045.90.
3. CONSTRUCT 1'-0" SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236. INVERT IN = 64.77 ; INV. OUT = 64.35.
4. CONSTRUCT 1'-0" SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236. INVERT IN = 64.15 ; INVERT OUT = 63.63.
5. CONSTRUCT 1'-0" SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236. INVERT IN = 64.13 INVERT OUT = 63.98.
6. CONSTRUCT ALLEY GUTTER PER C.O.A. STD. DWG. 2415.
7. CONSTRUCT SINGLE "D" INLET AROUND EXISTING 12" STORM SEWER. GRATE = 64.20 ; INVERT ELEV. = 58.46.
8. Landscaping.
9. REFUSE ENCLOSURE.
10. EXISTING CATCH BASIN *SINGLE "C" - REMOVE & CONST. SINGLE "D" INLET.*
11. EXISTING TRANSMISSION TOWER ON 6.5' X 6.5' CONCRETE PAD.
12. 8' EXISTING UTILITY EASEMENT (PER PLAT C-39, 174)
13. WHEELCHAIR RAMP.
14. 12' X 14' EXISTING PNM EASEMENT (PER PLAT - C39, 174)
15. 10' PNM EASEMENT (PER PLAT C39, 174)
16. PORTE COCHERE.
17. 5' EXISTING PNM EASEMENT (PER PLAT C39, 174)
18. 5TH ST. RIGHT-OF-WAY VACATED (V-90-11) PUBLIC UTILITY EASEMENTS RESERVED.
19. 5' X 100' UTILITY EASEMENT FOR PNM AND M.S.T. & T. PER DOC. NO. 82-8164.
20. EXISTING 5TH ST., REMOVE EXISTING CURB & GUTTER, PAVEMENT & SIDEWALK.
21. EXISTING CORNER CATCH BASIN - TO BE REMOVED PER PROJECT 4045.90.
22. NEW CURB AND GUTTER PER PROJECT 4045.90.
23. EXISTING CORNER CATCH BASIN - TO BE REMOVED PER PROJECT 4045.90.
24. 5' UTILITY EASEMENT.
25. REMOVE AND RELOCATE EXISTING POWER POLE AND PHONE RISER.
26. 5' X 30' UTILITY EASEMENT.
27. SPOT GRADE, TOP OF ASPHALT PAVEMENT. SEE GENERAL NOTE 2.
28. EXISTING PHONE RISER, REMOVE OR RELOCATE.
29. 6' HIGH CONCRETE MASONRY BUFFER WALL.
30. *NEW SINGLE "C" CATCH BASIN PER PROJ. 4045.90 TC=64.16 GR.= 63.36 INV. = 61.04.*
31. *NEW 18" RCP (PROJ. 4045.90) 31 LF INV. IN = 61.04 INV. OUT = 60.54*
32. *CONC. CHANNEL FROM PARKING LOT TO S.W. CULVERT - SEE DETAIL.*
33. *NEW 18" RCP PER PROJ. 4045.90) 38 LF INV. IN = 61.07 INV. OUT = 60.51*

CONCRETE DRAIN

1/2" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4045.90 0 3 9 1

SCANNED BY BY LASON

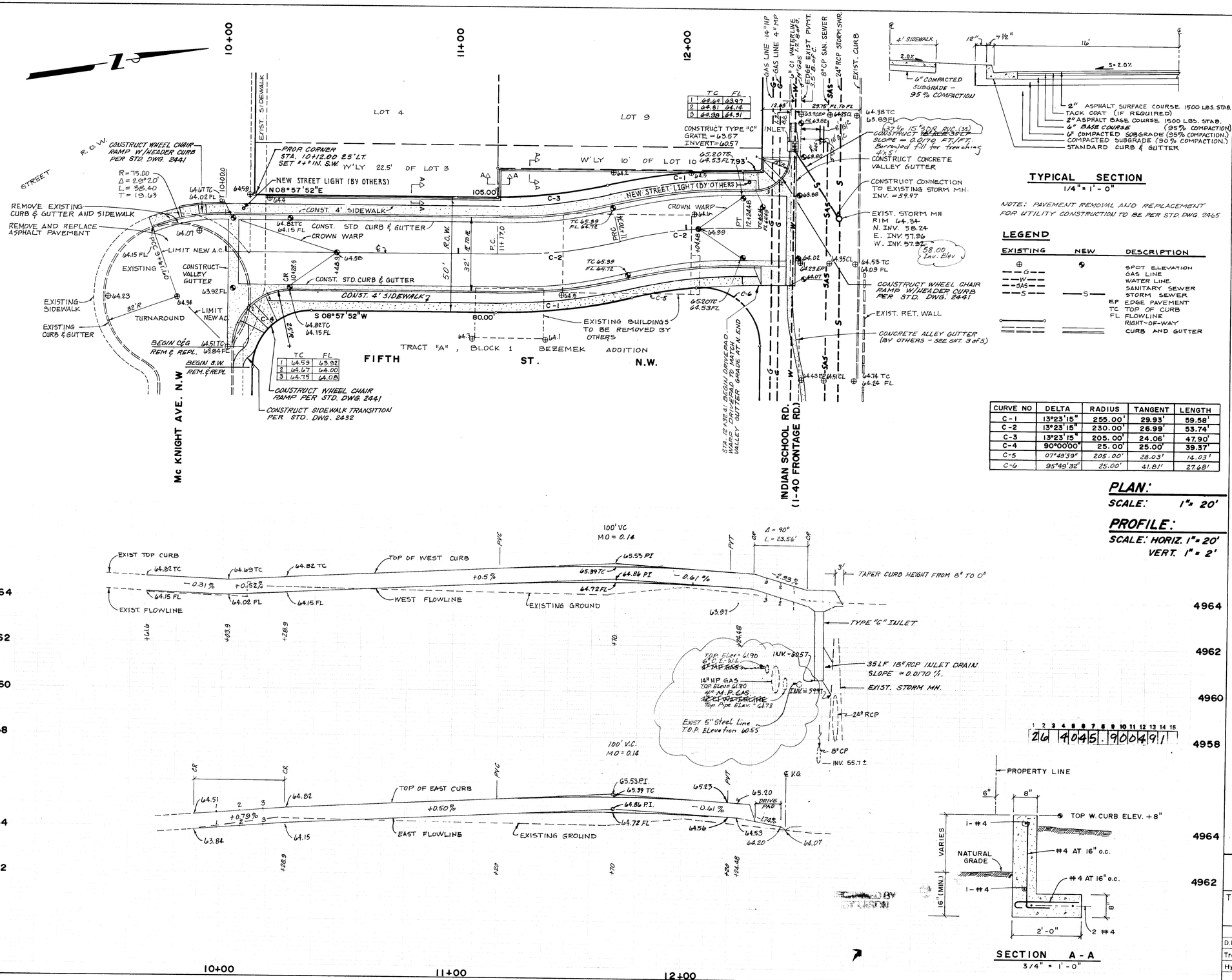
REVISED 6/29/90

NEW MEXICO 6512 REGISTERED PROFESSIONAL ENGINEER — RANA D. LOVELADY — 5/31/90

GRADING AND DRAINAGE PLAN
TRAVELERS INN
5TH STREET & McKNIGHT AVE.
ALBUQUERQUE, NEW MEXICO

PROJECT NUMBER 4045.90

SHEET 3 OF 5



TC	FL
1 64.69	63.97
2 64.81	64.16
3 64.30	64.91

TC	FL
1 64.59	63.92
2 64.47	64.00
3 64.15	64.08

TYPICAL SECTION

1/4" = 1' - 0"

NOTE: PAVEMENT REMOVAL AND REPLACEMENT FOR UTILITY CONSTRUCTION TO BE PER STD. DWG. 2465

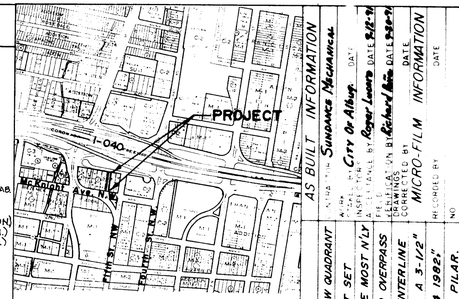
LEGEND

EXISTING	NEW	DESCRIPTION
⊕	⊕	SPOT ELEVATION
—G—	—G—	GAS LINE
—W—	—W—	WATER LINE
—SAS—	—SAS—	SANITARY SEWER
—S—	—S—	STORM SEWER
	EP	EDGE PAVEMENT
	TC	TOP OF CURB
	FL	FLOWLINE
		RIGHT-OF-WAY
		CURB AND GUTTER

CURVE NO	DELTA	RADIUS	TANGENT	LENGTH
C-1	13°23'15"	255.00'	29.93'	59.58'
C-2	13°23'15"	230.00'	26.99'	53.74'
C-3	13°23'15"	205.00'	24.06'	47.90'
C-4	90°00'00"	25.00'	25.00'	39.37'
C-5	07°49'59"	205.00'	28.03'	14.03'
C-6	95°49'32"	25.00'	41.81'	27.68'

PLAN: SCALE: 1" = 20'

PROFILE: SCALE: HORIZ. 1" = 20' VERT. 1" = 2'



LOCATION MAP H-14

NOTICE TO CONTRACTOR

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction, 1986.
2. Two (2) working days prior to any excavation, contractor must contact New Mexico One-Call System, Inc., 260-1990, for location of existing utilities.
3. 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 or surveyor so that the conflict can be resolved with a minimum amount of delay.
4. All traffic control or guide signs requiring removal will be relocated by the contractor as directed by the Engineer. Cost of relocation will be incidental to other pay items.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☑ All utilities and utility service lines shall be installed prior to paving.
- ☑ Backfill compaction shall be according to specific street use.
- ☑ Tack coat requirements shall be determined by the City Engineer.
- ☑ Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- ☑ If curb is depressed for a drivepad or a handicap ramp, the drivepad or ramp shall be constructed prior to acceptance of the curb and gutter.
- ☑ All storm drainage facilities shall be completed prior to final acceptance.
- ☑ Three (3) working days prior to construction, contractor shall contact Water Systems (857-8200) for a valve shut-off plan.

TRAFFIC CONTROL

Three (3) working days prior to beginning construction the Contractor shall submit to the Construction Co-ordination Division a detailed construction schedule. Two (2) working days prior to construction the contractor shall obtain a barricading permit from the Construction Co-ordination Division. Contractor shall notify Barricading Engineer (768-2551) prior to occupying an intersection.

SURVEY INFORMATION
FIELD NOTES BY: Southwest Survey Co. DATE
BENCH MARKS
A.C.S. STATION C-424 LOCATED IN THE NW QUADRANT OF WESTBOUND I-40 AND 4 TH STREET SET. VERTICALLY IN THE NORTH FACE OF THE MOST W'LY OF THREE PIERS OF THE WEST BOUND OVERPASS OF 4TH STREET, 49.7 FT. WEST OF CENTERLINE 4TH ST. AND 38 FT. ABOVE GROUND. A 3-1/2" N.G.S. BRASS CAP STAMPED "C 424 1982" DRILLED INTO THE CONCRETE BRIDGE PILAR. ELEVATION 4966.899 FEET.
AS BUILT INFORMATION
CLASS OF WORK: Sundance Mechanical
APPROVED: City Of Albuq. DATE 5-2-90
INSPECTION BY: Roger Lewis DATE 5-2-90
FIELD CHECKED BY: Richard Lee DATE 5-2-90
MICRO-FILM INFORMATION
HI CHISELED BY DATE
NO

ENGINEER'S SEAL
RANK J. LOVELADY NEW MEXICO 6412 REGISTERED PROFESSIONAL ENGINEER 5/25/90

NO	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	F.D.L. DATE 5/11/90
		DRAWN BY	F.D.L. DATE 5/16/90
		CHECKED BY	F.D.L. DATE 5/24/90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

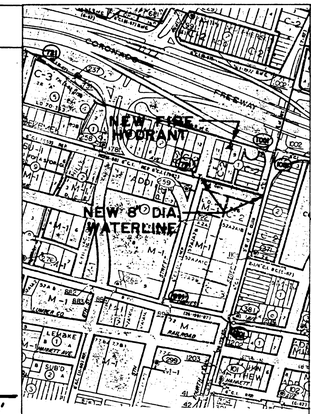
TITLE: **TRAVELERS INN INFRASTUCTURE IMPROVEMENTS**
5 TH STREET RELOCATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Ronald Bohannan	9/28/90	Water	R.W. Kane	9-24-90
Transportation	[signature]	9-26-90	Wastewater	R.W. Kane	9-24-90
Hydrology	[signature]	9-24-90			

DRAWING NO. 4045.90 | MAP NO. H-14 | SHEET 4 OF 5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4045.900491

1-6" Valve & Box Type "B"
1-6"x6"x 6" Tee w/BLK.
3'
3'
Exist 6"
1-6" Sleeve
* Denotes = 6" Mega Lugs
6"
5'
1-F.H. 4½' Bury
1-12" F.H. Extension
Fire Hydrant Sta. 1436+67 NMF 1-103-0400 3492.158
EXIST. RET. WALL
EXIST CURB
24" RCP
12" CP
EDGE EXIST. PAVEMENT
6" CI
INDIAN SCHOOL RD. (I-040 FRONTAGE RD)
28.55(R)
28.15(C)
4" MEDIUM PRESSURE
14" HIGH PRESSURE
2.25'
PARKING LOT CURB (BY OTHERS)
STATION 11+10.00 See Blow Up
1 - NOU-PRESSURE CONN.
1 - 6" x 6" x 6" TEE (MJ)
10 LF 6" PVC C-900 W.L.
1 - FIRE HYDRANT 4' BURY
1 - 6" GATE VALVE (MJ)
1 - TRANSITION COUPLING
CONCRETE BLOCKING
FH FLANGE ELEV. = 4965.92
5TH STREET
PROPERTY CRV STA 10+00.00
5TH ST. (N-90-W)
TRACT "A" BLOCK 1, BEZEMEK ADDITION
64.35 E
63.83 E
64.84 E
65.09 E
65.34 E
4964
4962
ESTIMATED LOCATION ACTUAL DEPTH UNKNOWN
10+00
11+00
12+00
1-8" Mega Lug
9-6" Mega Lug
8" P.V.C.
1.5' 6" P.V.C.
1'-6" P.V.C.
Exist 6" W.L.
Sta. 5+19 1-6" Sleeve
Sta. 5+19 1-6"x6"x6" Tee
Sta. 5+19 1-6" Sleeve
Sta. 5+19 1-6" Valve & Box Type "A"
Sta. 5+17.50 1-8"x6" Reducer
* Denotes: Mega Lug
Blow-Up "B"
1.5'-6" P.V.C.
1.5'-6" P.V.C.
Exist 6" P.V.C.
Exist 6" W.L.
PLAN:
SCALE: 1"= 20'
PROFILE:
SCALE: HORIZ. 1"=20'
VERT. 1"= 2'
Sta. 1+57 1-8"x6" Tee w/BLK
Sta. 2+40 1-8"x6" Tee w/BLK 1-6" Valve & Box Type "A" Cap w/BLK.
TRACT "A" BLOCK 1 BEZEMEK ADDITION
PARCEL A-1B, BLOCK 1 BEZEMEK ADDITION
CONSTRUCT CONN. TO EXIST. MANHOLE INV. =60.54
Removal Single "C" Inlet
REMOVE EXIST. 18" RCP 29 LF
REMOVE EXIST INLET (TYP OF 2)
REMOVE CORNER C&G
Removed Single "C" Inlet
REMOVE EXIST. 18" RCP - 18 LF
CONSTRUCT NEW SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236
INV. IN = 63.79 INV. OUT = 63.63
REMOVE EXIST. CORNER C&G
6" GATE VALVE (PRIVATE - BY OTHERS)
CONSTRUCT NEW S.W. CULVERT PER C.O.A. STD. DWG. 2236 INV. IN = 64.13 INV. OUT = 63.98
64.18
64.20
10'
3400
4100
PROPOSED PARKING LOT CURB
PROPERTY CORNER "+" IN CONCRETE SIDEWALK STATION 3+37.50
1 - NOU-PRESSURE CONN.
1 - 6"x 6" x 6" TEE (MJ)
1 - 6" GATE VALVE (MJ)
1 - TYPE "A" VALVE BOX
1 - 6"x 8" REDUCER (MJ)
1 - TRANSITION COUPLING
CONCRETE BLOCKING
83' 8" P.V.C.
EXISTING 1" GALV. WATERLINE (SEE NOTE BELOW)
EXISTING DRIVE PAD INCREASE WIDTH TO 25'
277.50'
8" P.V.C.
CONSTRUCT WATERLINE 385' 8" PVC (TRENCH EXC. & BACKFILL PER STD. DWG. 2465)
CONSTRUCT NEW STD. C&G
8" VCP
CONSTRUCT SINGLE "C" INLET TOP OF CURB = 64.16 GRATE ELEV. = 63.26 INVERT ELEV. = 61.04
REMOVE AND REPLACE MC KNIGHT RES. PAVEMENT TO MATCH NEW FLOWLINE
2' WATER SERVICE LINES - 2 EA INCL. REM. & REPL. OF PVMT. AND SIDEWALK
AVE.
N. W.
New 8" P.V.C. 6' S. of N. Back of curb
See Blow-up "B"
EXISTING CONC. SLAB TO BE SAWCUT FOR REPLACEMENT (SEE RECD.)
CONSTRUCT 18" RCP INLET DRAIN - 85' L.F. S=0.0161 FT/FT. 18
1 - NOU-PRESSURE CONN.
1 - 6" GATE VALVE (MJ)
1 - 6" x 8" REDUCER (MJ)
1 - 6"x6"x6" TEE (MJ) (REM. & REPL. EXIST. TEE)
1 - TYPE "A" VALVE BOX
CONCRETE BLOCKING
EXISTING FIRE HYDRANT
STA. 2+40.00 CONSTRUCT FIRE LINE
1 - 6" x 6" x 6" TEE (MJ)
1 - 6" GATE VALVE (MJ)
1 - TYPE "A" VALVE BOX
18 LF 6" PVC WATERLINE
CONCRETE BLOCKING
LOT 1
LOT 2
NOTE: ABANDON EXISTING 1-½" GALV. WATERLINE UNLESS IT IS IN THE TRENCH EXCAVATED FOR THE NEW 8" DIA. WATERLINE, IN WHICH CASE REMOVE AND DISPOSE.
UNDERGROUND TELEPHONE CABLE
Sta. 1+47 1-6" Valve & Box Type "A"
Exist. 6" Cross 1-6"x 6" Removal
Sta. 1+49 1-6" 45° Bend w/Blk.
Sta. 1+57 1-8"x6" Reducer
8" PVC
6'-6" PVC
2'-6" P.V.C.
2'-6" PVC
Sta. 1+55 1-6" 45° Bend w/Blk.
63.90 FL
63.91 FL
BLOW-UP "A"
NEW SINGLE "C" INLET
EXIST. STORM MH
18" RCP S=0.0161 ft
EXISTING 6" W.L.
NEW 6" TEE (MJ)
6" GATE VALVE
8"X6" REDUCER
1-6" Cap w/Blk.
1-6" valve & Box Type "A"
1-8"x8"x 6" Tee w/Blk.
12'-6" PVC
1'-6" PVC
Sta. 2+40 BLOW-UP "C"
6896
3.33' Bury To Top of Pipe
385 L.F. 8" DIA. PVC C-900 WATERLINE
EXISTING FLOWLINE - NORTH SIDE
6393 FL
STORM MANHOLE
SAS MANHOLE (DEPTH UNKNOWN)
STORM MH
8" GAS
EXISTING 6" C.I. WATERLINE
8"X6" REDUCER
6" GATE VALVE
6" TEE
Inv. 5254
Inv. 5244
24" RCP
1+00
2+00
3+00
4+00
5+00
PLAN:
SCALE: 1"= 20'
PROFILE:
SCALE: HORIZ. 1"= 20'
VERT. 1"= 2'
SCANNED BY BY LASON



VALVE SHUT-OFF PLAN H-14

VALVE SHUT-OFF:

Fire hydrant - To isolate line for installation of fire hydrant, close valves 721 and 1001.

8" Dia. Waterline, west end - Close valves 791 and 891.

8" Dia. Waterline, east end - Close valves 1051 and 1201.

72 hours prior to construction, contractor shall contact Water Systems (857-8200) for a valve shut-off plan.

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AS BUILT INFORMATION
CONTRACTOR: Sundance Mechanical
M.H.: BY: City Of Albuq. DATE:
INSPECTOR: A.C.E. FENCE BY: Roger Lucero DATE: 4-19-91
ACEQUIA: ON BY: Richard Rios DATE: 4-24-91
DRAWINGS CORRECTED BY: DATE:
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO:

SURVEY INFORMATION
BENCH MARKS
A.C.S. STATION C-424 LOCATED IN THE NW QUADRANT OF WESTBOUND I-40 AND 4 TH STREET SET VERTICALLY IN THE NORTH FACE OF THE MOST NORTHERLY OF 3 PIERS OF THE WEST BOUND OVERPASS OF 4TH STREET, 49.7 FT. WEST OF CENTERLINE 4TH ST. AND 38 FT. ABOVE GROUND. A 3-1/2" N.G.S. BRASS CAP STAMPED "C-424 1982, DRILLED INTO THE CONCRETE BRIDGE PILAR. ELEVATION 4966.699 FEET.

FIELD NOTES
NO. BY DATE
Southwest Survey Co.

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 7912 11-7-90

REVISIONS
NO. DATE BY REMARKS
DESIGNED BY F.D.L. DATE 5/11/90
DRAWN BY F.D.L. DATE 5/15/90
CHECKED BY F.D.L. DATE 5/23/90

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4045.90 59 1

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE:
TRAVELERS INN INFRASTUCTURE IMPROVEMENTS
WATERLINE AND MISC.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger L Strain	9/28/90	Water	R.W. Kane	9-24-90
Transportation	R.F. Goyle	9-26-90	Wastewater	R.W. Kane	9-24-90
Hydrology					

DRAWING NO. 4045.90 | MAP NO. H-14 | SHEET 5 OF 5