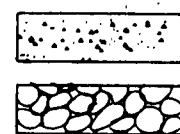


LEGEND

MATERIALS

CONCRETE

RIP-RAP



LINES

RIGHT-OF-WAY

PROPERTY LINE (PLAN)

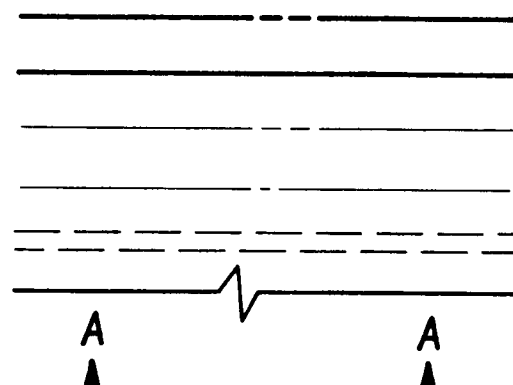
RIGHT-OF-WAY (SECTION)

CENTERLINE

EASEMENT LINE

MATCHLINE

SECTION CUT LINE



EARTHWORK

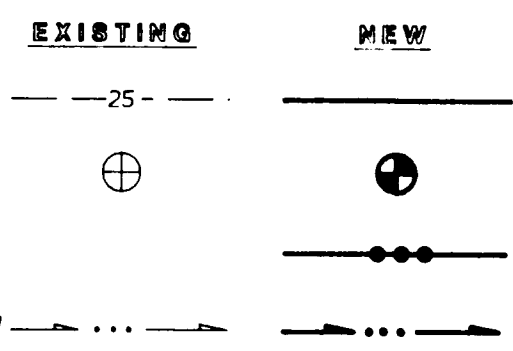
CONTOUR LINE

SPOT ELEVATION

PROJECT/PHASE

BOUNDARY

SWALE/DIRECT. OF FLOW



MISCELLANEOUS UTILITIES

GAS LINE

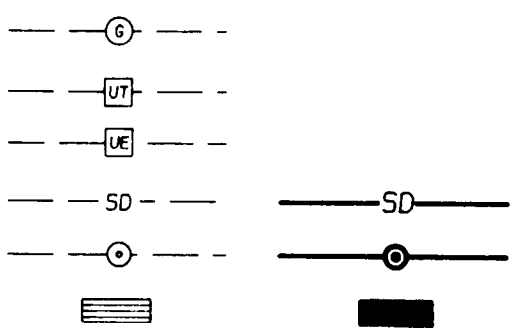
UNDERGROUND TELEPHONE

UNDERGROUND ELECTRICAL

STORM DRAIN

STORM DRAIN MANHOLE

STORM DRAIN INLET



SANITARY SEWER (SAS)

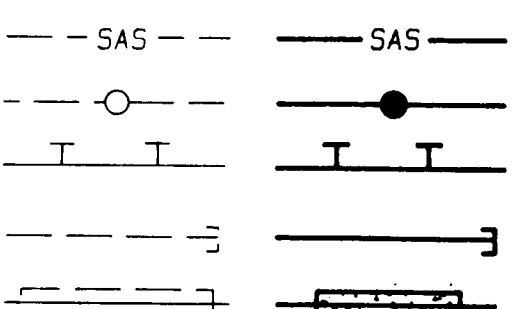
SANITARY LINE

SANITARY MANHOLE

SERVICE CONNECTIONS

CAP OR PLUG

ENCASEMENT



WATER

CAPS AND PLUGS

SERVICE CONNECTIONS

GATE VALVE

FIRE HYDRANT

BUTTERFLY VALVE

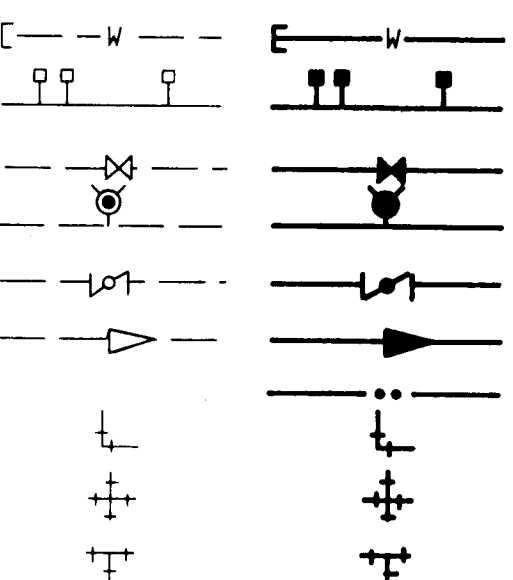
REDUCER

PRESSURE ZONE BOUNDARY

ELBOW

CROSS

TEE



MISCELLANEOUS

EDGE OF ASPHALT

FIELD FENCE

CHAINLINK FENCE

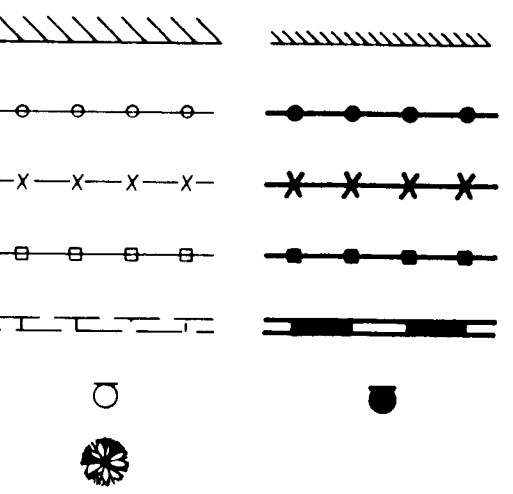
YARD/BLOCK WALL

RETAINING WALL

POWER OR TELE. POLE

TREE

TRAFFIC SIGN



4TH. STREET
PEDESTRIAN MALL
STREETSCAPE

BETWEEN TIJERAS AVE. N.W. AND COPPER AVE. N.W.

INDEX OF DRAWINGS

SHEET NO.

SHEET DESCRIPTION

1

TITLE SHEET

2

SITE DEMOLITION PLAN

3

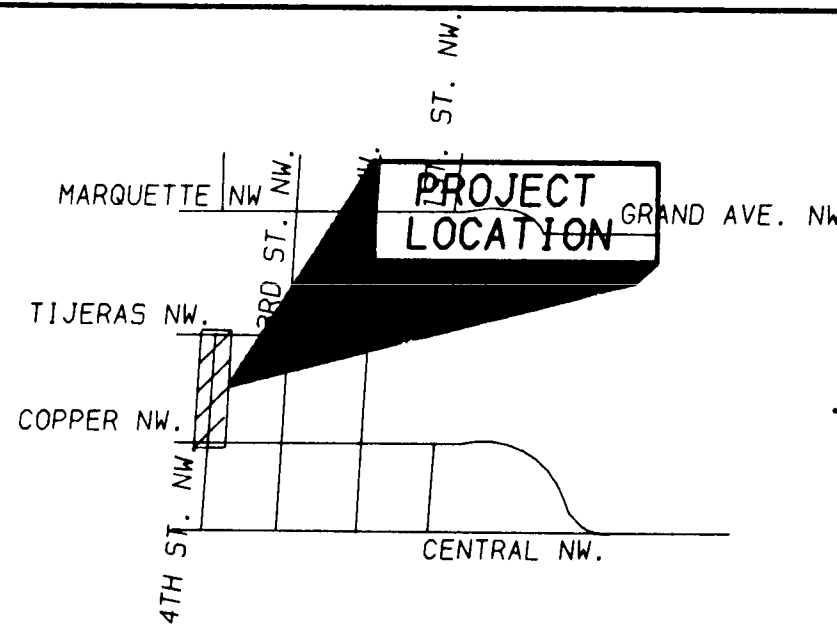
PLAN & PROFILE

4

CONSTRUCTION PLAN & DETAILS
(PAVING)

5

IRRIGATION & PLANTING PLAN
& DETAILS



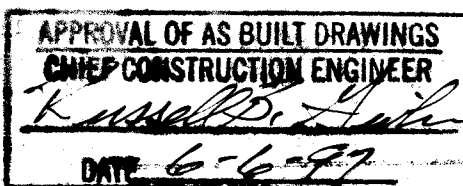
VICINITY MAP

ZONE ATLAS K-14

GENERAL NOTES:

- 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 - PUBLIC WORKS CONSTRUCTION - 1986.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTRACT NEW MEXICO ONE-CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO CONSTRUCTION CO-ORDINATION TO RECEIVE A BARRICADING PERMIT 48 HOURS PRIOR TO CONSTRUCTION.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED 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 DEEPENED 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.
- ALL STATIONING SHALL BE BASED ON CONSTRUCTION CENTERLINE.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-13048 0197



CITY OF ALBUQUERQUE

APPROVED FOR

CONSTRUCTION

CITY ENGINEER

7-30-90

DRAWING NO.

3948

MAP

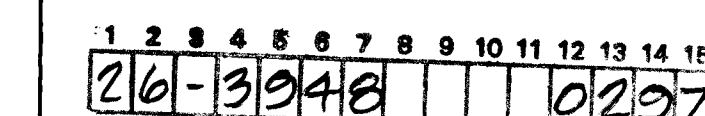
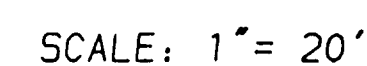
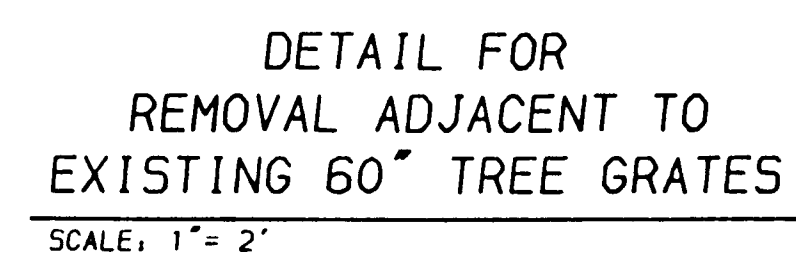
NO. K-14

SHEET

OF

1

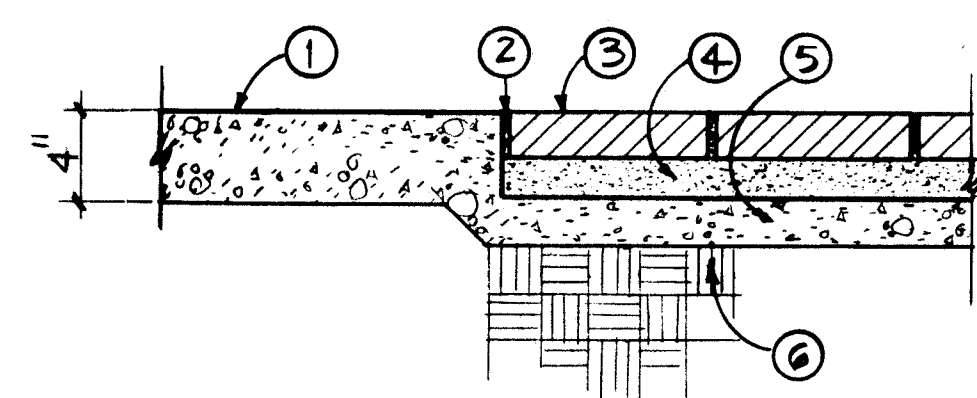
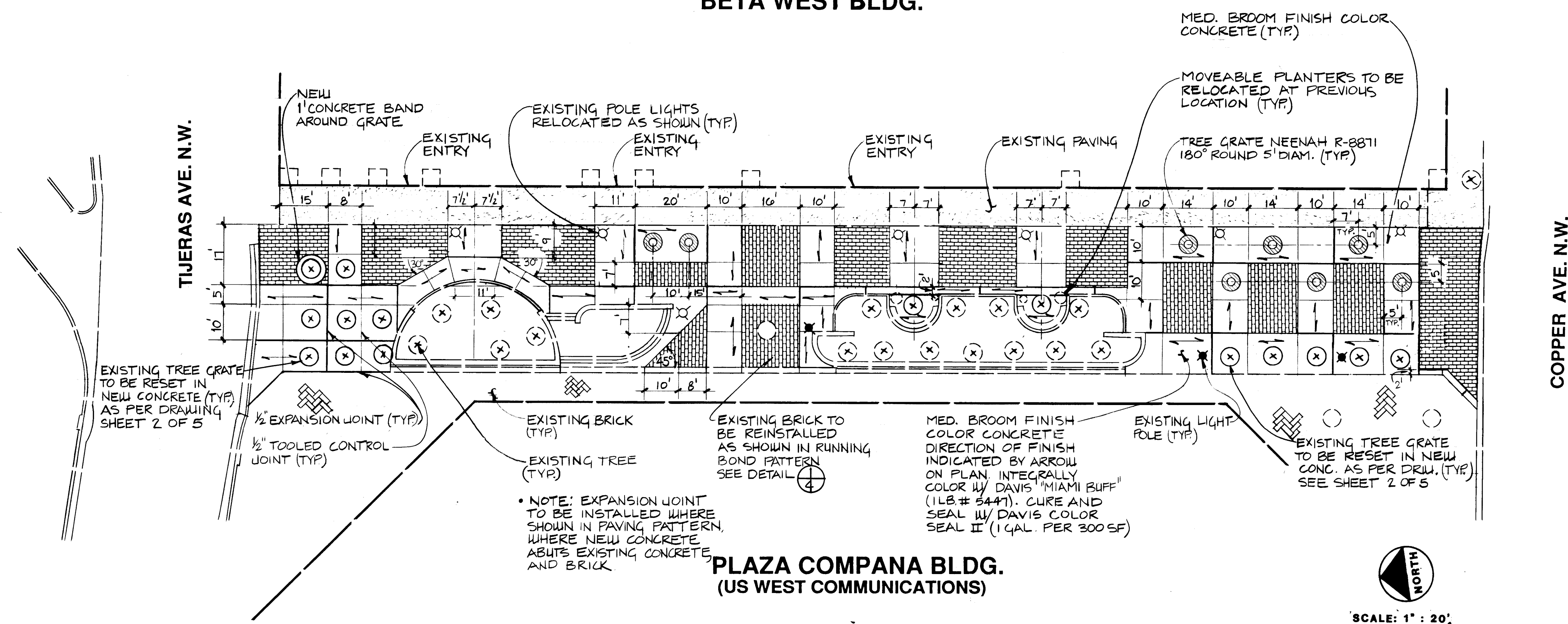
5



5/25/90

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE: 4TH. ST. PEDESTRIAN MALL STREETScape					
SITE & DEMOLITION PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Reg. [Signature]</i>	7/30/90	Water	N/A	
Trans. Dev.	N/A		Waste Water	N/A	
Hydrology	<i>Frank [Signature]</i>	7/30/90			
PARKS					
PROJECT NO.	3948		MAP NO.	K14	
			SHEET	2 OF 5	

BETA WEST BLDG.



KEYED NOTES:

- ① 4" CONCRETE SEE PLAN FOR DETAILS.
- ② SWEEP DRY SAND INTO JOINTS & APPLY SEALANT.
- ③ BRICK DRY SET ON SAND BASE.
- ④ 1 3/4" SAND BASE.
- ⑤ 2" CONCRETE BASE W/ROUGH FINISH.
- ⑥ COMPACTED SUBGRADE TO 90%.

BRICK & CONCRETE PAVING DETAIL
SCALE: 1 1/2"=1'-0"

SCALE: 1" : 20'

COPPER AVE. N.W.

PLAZA COMPANA BLDG.
(US WEST COMMUNICATIONS)

MED. BROOM FINISH COLOR.
CONCRETE (TYP.)

MOVEABLE PLANTERS TO BE
RELOCATED AT PREVIOUS
LOCATION (TYP.)

TREE GRATE NEENAH R-8871
180° ROUND 5' DIAM. (TYP.)

EXISTING TREE GRAT
TO BE RESET IN
NEW CONCRETE (TYP)
AS PER DRAWING
SHEET 2 OF 5

1/2" EXPANSION JOINT (TYP)
1/2" TOOLED CONTROL JOINT (TYP)

EXISTING BRICK
(TYP.)

EXISTING TREE
(TYP.)

- **NOTE:** EXPANSION JOINT TO BE INSTALLED WHERE SHOWN IN PAVING PATTERN, WHERE NEW CONCRETE ABUTS EXISTING CONCRETE, AND BRICK

EXISTING BRICK
(TYP.)

EXISTING TREE
(TYP.)

EXISTING BRICK TO
BE REINSTALLED
AS SHOWN IN RUNNING
BOND PATTERN
SEE DETAIL 

MED. BROOM FINISH
COLOR CONCRETE
DIRECTION OF FINISH
INDICATED BY ARROW
ON PLAN. INTEGRALLY
COLOR W/ DAVIS "MIAMI BUFF"
(ILB # 5447). CURE AND
SEAL W/ DAVIS COLOR
SEAL II (1 GAL. PER 300 SF)

EXISTING LIGHT-
POLE (TYP.)

EXISTING TREE GRATE
TO BE RESET IN NEW
CONC. AS PER DRW. (TYP.)
SEE SHEET 2 OF 5

NO. DATE		REVISIONS / REMARKS	BY	ENGINEER'S SEAL	SURVEY INFORMATION		BENCH MARK	AS BUILT INFORMATION				
					FIELD NOTES				CONTRACTOR			
					NO.	BY	DATE		WORK STATED BY			
									INSPECTORS APPROVAL			
									DATE:			
									FIELD VERIFICATION BY			
								DATE:				
								DRAWING CORRECTED BY				
								DATE:				
								MICHO-FILM INFORMATION				
								RECORDED BY				
								DATE				
								NO.				

DESIGNED BY: TAG
DRAWN BY: DV

DATE: 7-3-90
DATE: 7-3-90

DESIGNED BY: TAG	DATE: 7-3-90
DRAWN BY: DV	DATE: 7-3-90
CHECKED BY: CKF	DATE: 7-3-90

**CITY OF ALBUQUERQUE
PARKS & RECREATION
DESIGN & DEVELOPMENT**

TITLE: 4TH STREET PEDESTRIAN MALL STREETSCAPE

CONSTRUCTION PLAN & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7/30/90	WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	<i>[Signature]</i>	7/30/90			
PARKS					

PROJECT NO. 3948	MAP NO. K-14-Z	SHEET 4 OF 5
------------------	----------------	--------------

BETA WEST BLDG.

PLAZA COMPANA BLDG.
(US WEST COMMUNICATIONS)RECONNECT EXISTING IRRIGATION
LINES TO MOVEABLE PLANTERSRAINBIRD 1404 BUBBLER
SEE DETAIL (3) (TYP)NEW 2" PVB W/ MASTERVALVE
(MASTERVALVE CONNECTS TO
ALL EXISTING & NEW VALVES)
SEE DETAIL (5)

COPPER AVE. N.W.

TIJERAS AVE. N.W.

IRRIGATION LEGEND

- [M] EXISTING CITY WATER METER
 -----W----- EXISTING CITY WATERLINE
 -----G----- EXISTING CITY GAS LINE
 -----SD----- EXISTING CITY STORM LINE
 --O--SAS-- EXISTING CITY SANITARY LINE & SANITARY MANHOLE
 -----UT----- EXISTING UNDERGROUND TELEPHONE LINE.
 -----E----- EXISTING UNDERGROUND ELECTRICAL LINE.

EXISTING CONTROLLER

MASTERVALVE ASSEMBLY SEE DETAIL (5)

Valve assembly includes:

1. PEG ER 2" Bronze Gate Valve Model B-68 IPS
2. RAINBIRD 200-PE 2" Electric valve
3. RAINBIRD PVB 200 - 2" Pressure Vacuum Breaker Backflow Preventer

LATERAL PIPE - sized as marked. Depth of bury shall be a minimum of 18" deep

IRRIGATION MAINLINE - sized as marked. Depth bury for pressurized mainline from meter to Mastervalue shall be 28" deep. All mainline pipe 2" or smaller shall be schedule 40 PVC, all mainline pipe 2 1/2" and larger shall be Class 200 "o" ring pipe w/ gasket fittings.

PIPE SLEEVING

- [C] RAINBIRD 100-PE-1" Automatic control valve. See Detail (2)
 [A] RAINBIRD BUBBLER 1404 See Detail (3)
 [X] TREE LOCATION EXISTING AND PROPOSED

IRRIGATION NOTES

1. Field verify existing valve locations, wire to new Mastervalue.
2. Remove and replace existing turf as necessary due to construction and installation of new irrigation lines and renovation of ex. irrigation
3. Prior to the start of construction, the locations of all existing utility lines shall be marked. Verify locations with the City of Albuquerque and all public utilities.
4. Control wires shall identified w/ E-Z Coder WDR Series Tape @ valve and controller.
5. All piping installed under paving etc. shall be sleeved in Scheduled 40 PVC two sizes larger than the pipe to be sleeved.
6. All products shall be as specified or approved substitution.
7. Field verify systems affected by renovation and repair as necessary.

VALVING LEGEND

VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	NOZZLE	PSI	GPM	QUANTITY
V-1 [C]	RAINBIRD 100-PE 1"	8		[A]	20-90	1	8

PLANTING NOTES:

1. TREE SPECIFICATIONS:
BOTANICAL NAME - Gleditsia triacanthos inermis
'Shademaster'
COMMON NAME - HONEY LOCUST
QUANTITY - 8
CONTAINER - 2" min. caliper container
COMMENTS - 8' height min., 4' spread min., tree quality to meet City of Albuquerque Standard Specifications for Public Works Construction 1986.
2. FOR TREE PLANTING SEE DETAIL (4)

 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
 26-3948 0597

KEYED NOTES:

- | | |
|--|--|
| 1 FINISH GRADE | 11 36" WIRE EXPANSION COIL |
| 2 CORRUGATED STEEL VALVE BOX BASS & HAYES 55-C | 12 WIRE BUNDLE |
| 3 DRI-SPLICE CONNECTORS | 13 SUBGRADE COMPACTED TO 95% |
| 4 PRESSURE VACUUM BREAKER BACKFLOW PREVENTER | 14 CONSTANT PRESSURE IRRIGATION MAINLINE |
| 5 GALV. UNION | 15 GALV. TEE |
| 6 AUTOMATIC VALVE | 16 GALV. NIPPLE |
| 7 LATERAL PIPE | 17 GALV. ELL |
| 8 8"x8"x16" SOLID CMU BLOCK | 18 GATE VALVE |
| 9 CUT OUT FOR LATERAL PIPE | 19 PVC MIP ADAPTER |
| 10 1 CUBIC FEET 1" DIAM. WASHED ROCK | 20 GALV. BUSHING MIPxMIP |
| | 21 BALL DRAIN CHAMPION DV 050 1/2" |

KEYED NOTES:

- | | |
|--|------------------------------|
| 1 FINISH GRADE | 11 36" WIRE EXPANSION COIL |
| 2 CORRUGATED STEEL VALVE BOX BASS & HAYES 55-C | 12 WIRE BUNDLE |
| 3 DRI-SPLICE CONNECTORS | 13 SUBGRADE COMPACTED TO 95% |
| 4 SCH. 40 PVC SXT COUPLING | 14 IRRIGATION MAINLINE |
| 5 GALV. UNION | 15 MAINLINE FITTING |
| 6 AUTOMATIC VALVE | 16 GALV. NIPPLE |
| 7 LATERAL PIPE | 17 GALV. ELL |
| 8 8"x8"x16" SOLID CMU BLOCK | 18 GATE VALVE |
| 9 CUT OUT FOR LATERAL PIPE | |
| 10 1 CUBIC FEET 1" DIAM. WASHED ROCK | |

KEYED NOTES:

- | | |
|-----------------------------|----------------------------------|
| 1 TREE GRATE | 7 SCH. 40 FITTING |
| 2 3000 PSI CONCRETE | 8 FINISH GRADE |
| 3 TREE GRATE FRAME & ANCHOR | 9 BACKFILL AS PER PLANS & SPECS. |
| 4 BUBBLER | 10 LATERAL PIPING |
| 5 SCH. 80 PVC MOLDED NIPPLE | 11 SUBGRADE COMPACTED TO 95% |
| | 12 4" BARK MULCH |

MASTERVALVE ASSEMBLY W/ PVB

N.T.S.

CONTROL VALVE W/ GATE VALVE

N.T.S.

TREE GRATE AND BUBBLER

N.T.S.

TREE PLANTING DETAIL

N.T.S.

AS BUILT INFORMATION

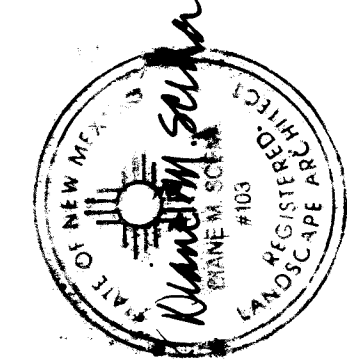
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BENCH MARK

SURVEY INFORMATION

FILED NOTES	DATE
NO.	BY

ENGINEER'S SEAL



BY

REVISIONS / REMARKS

NO.	DATE	REVISIONS / REMARKS

DESIGNED BY: JAG

DRAWN BY: JLV

CHECKED BY: CKF

DATE: 7-3-90

DATE: 7-3-90

DATE: 7-3-90

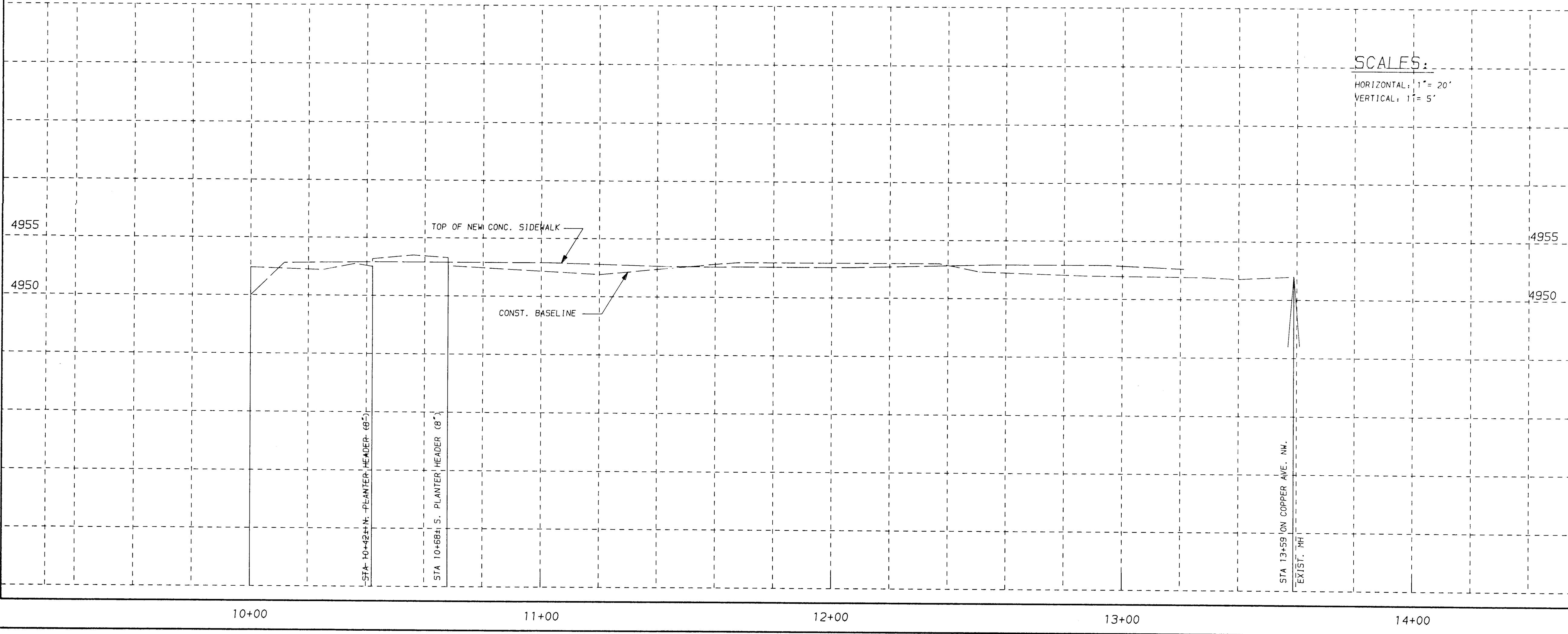
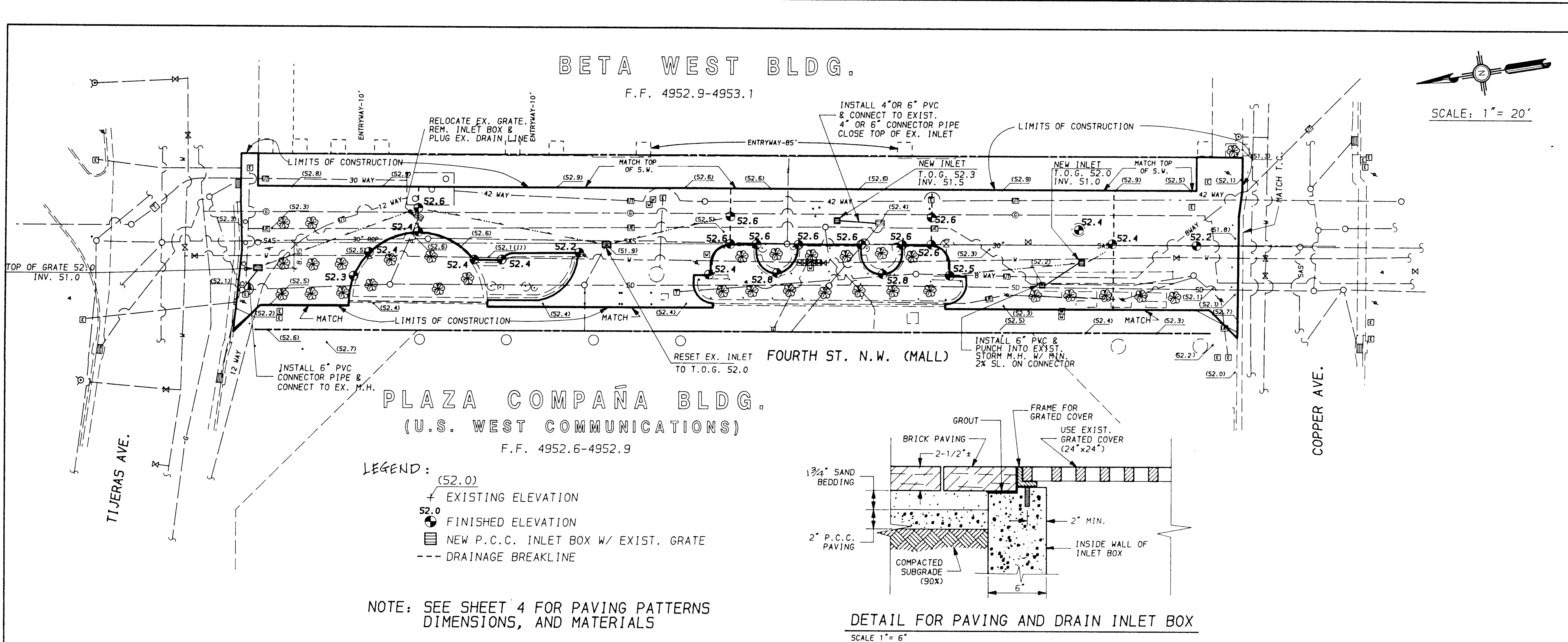
CITY OF ALBUQUERQUE
PARKS & RECREATION
DESIGN & DEVELOPMENT

TITLE: 4TH STREET PEDESTRIAN MALL STREETScape

IRRIGATION & PLANTING PLAN & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[Signature]	7/30/90	WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	[Signature]	7/30/90			
PARKS					

PROJECT NO. 3948 MAP NO. K-14-Z SHEET 5 OF 5



ENGINEER'S SEAL		SURVEY INFORMATION		AS BUILT INFORMATION	
NO.		FIELD NOTES		CONTRACTOR	
DATE		BY		DATE	
4/90		H.A.S.P.		4/90	
REVISIONS		NO.		NO.	
DESIGNED BY RAY PANG		DATE 4/90		DATE 4/90	
DRAWN BY TIM SMITH		DATE 4/90		DATE 4/90	
CHECKED BY RAY PANG		DATE 4/90		DATE 4/90	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-3948 0397

PRINTED: 6/7/90
3948-3

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. PEDESTRIAN MALL STREETScape

PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Ray P.	7/20/90	WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	7/20/90				

PROJECT NO. 3948 MAP NO. K12 SHEET 3 OF 5