

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.

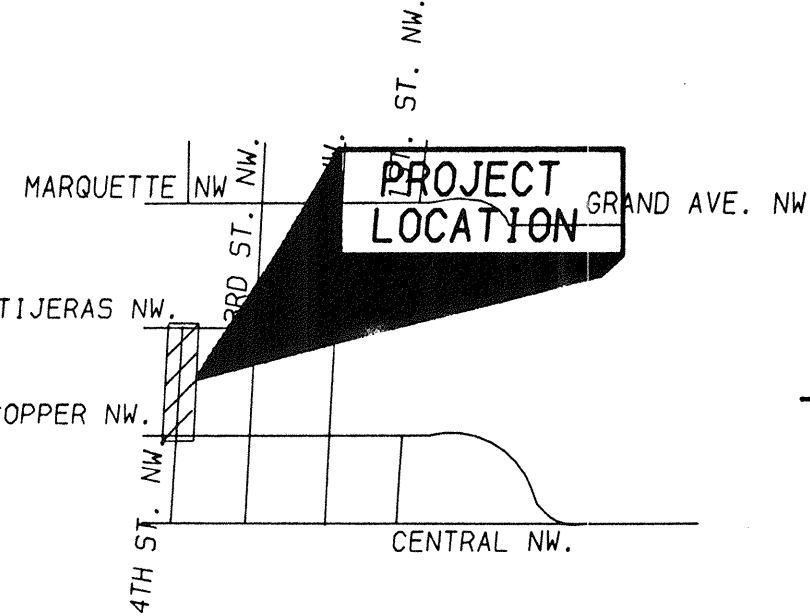
INDEX OF DRAWINGS

SHEET NO.

1
2
3
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5

SHEET DESCRIPTION

TITLE SHEET
SITE DEMOLITION PLAN
PLAN & PROFILE
CONSTRUCTION PLAN & DETAILS
(PAVING)
IRRIGATION & PLANTING PLAN
& DETAILS



VICINITY MAP ZONE ATLAS K-14

- GENERAL NOTES:
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT 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 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.
 - ALL STATIONING SHALL BE BASED ON CONSTRUCTION CENTERLINE.

SCANNED BY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-3948 0197

APPROVAL OF AS BUILT DRAWINGS
CNEP CONSTRUCTION ENGINEER
DATE 6-6-99



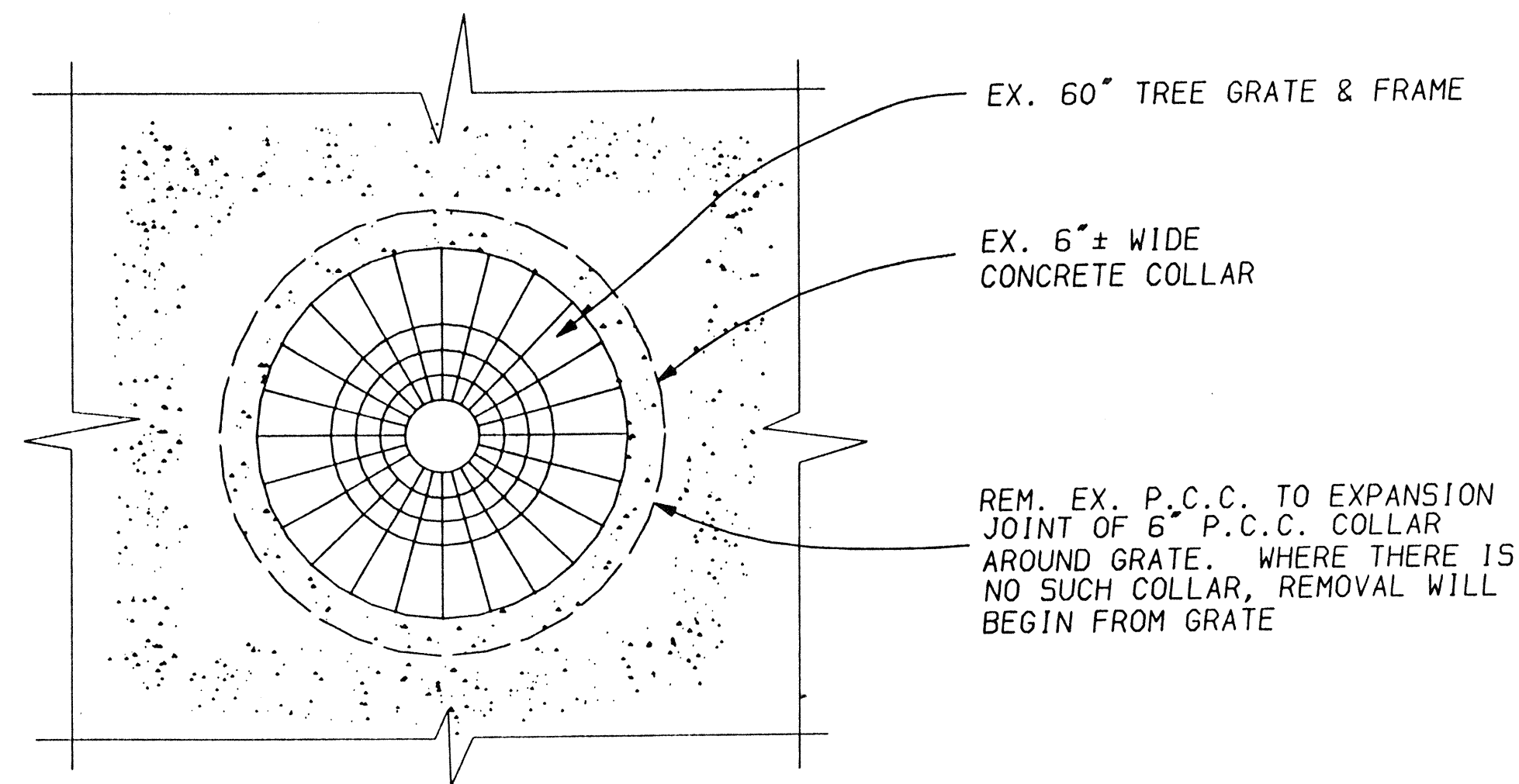
CITY OF ALBUQUERQUE

APPROVED FOR
CONSTRUCTION
CITY ENGINEER
7-30-90

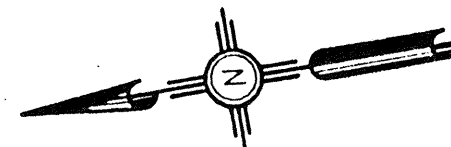
DRAWING NO.
3948

MAP
NO. K-14

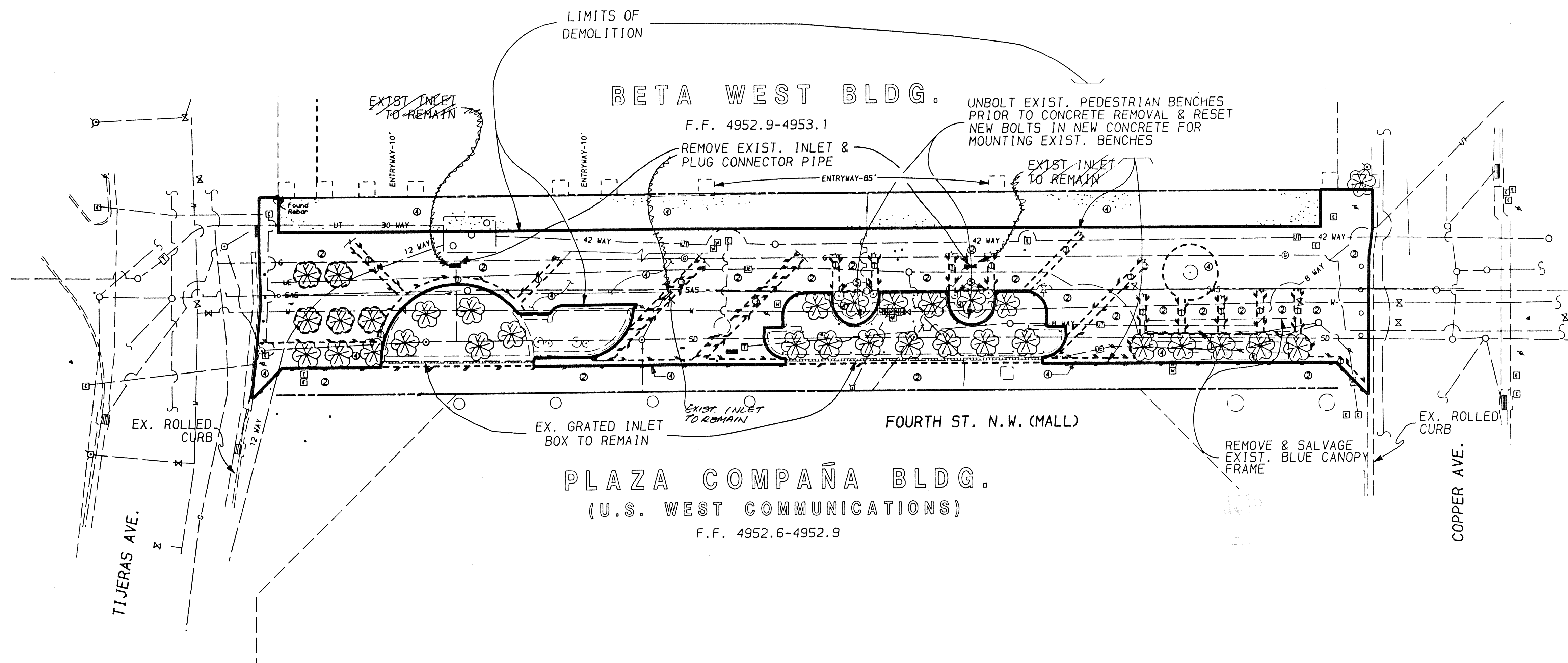
SHEET
NO. 1 OF 5



DETAIL FOR
REMOVAL ADJACENT TO
EXISTING 60" TREE GRATES
SCALE: 1" = 2'



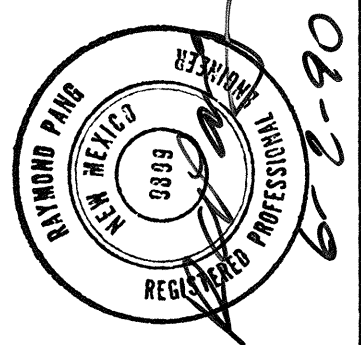
SCALE: 1" = 20'



- PAVING
KEYED NOTES
- ① 2'-0" WIDE CONCRETE STRIP
 - ② RED-COLORED BRICK PAVING
 - ③ DARK-COLORED BRICK PAVING
 - ④ CONCRETE AREA
 - ⑤ MOVABLE PLANTER

- LEGEND
- EX. STORM DRAIN INLET
 - ⊗ EXIST. TREE
 - MANHOLE

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
INSPECTOR'S	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
FIELD	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
VERIFICATION	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
CORRECTION	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
MICRO-FILM INFORMATION											
RECORDED BY											
DATE											



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-3948 0297

3948-2
REVISED 5/25/90

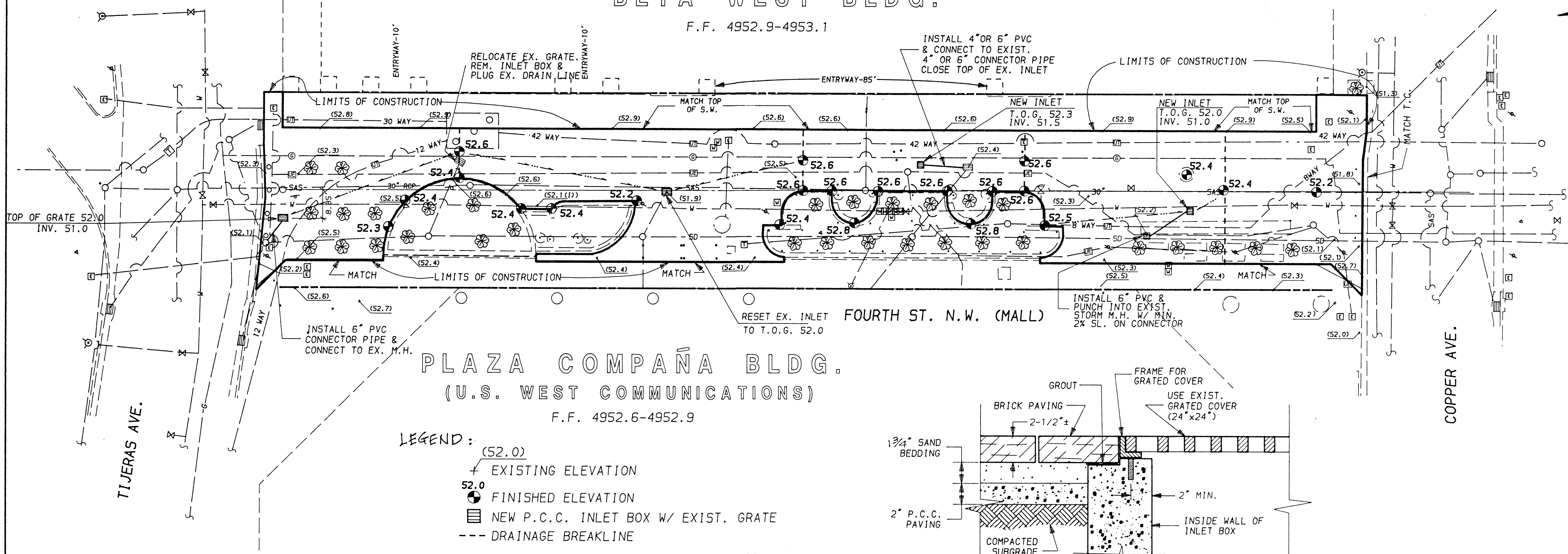
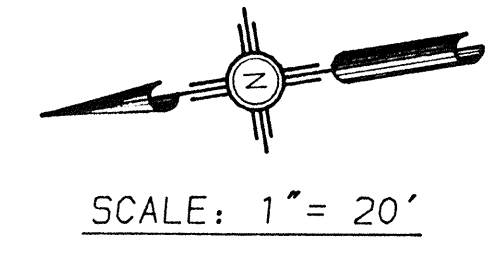
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. PEDESTRIAN MALL STREETSCAPE
SITE & DEMOLITION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Reg. 1/100	7/26/90	Water	N/A	
Trans. Dev.	N/A		Waste Water	N/A	
Hydrology	7/31/90				

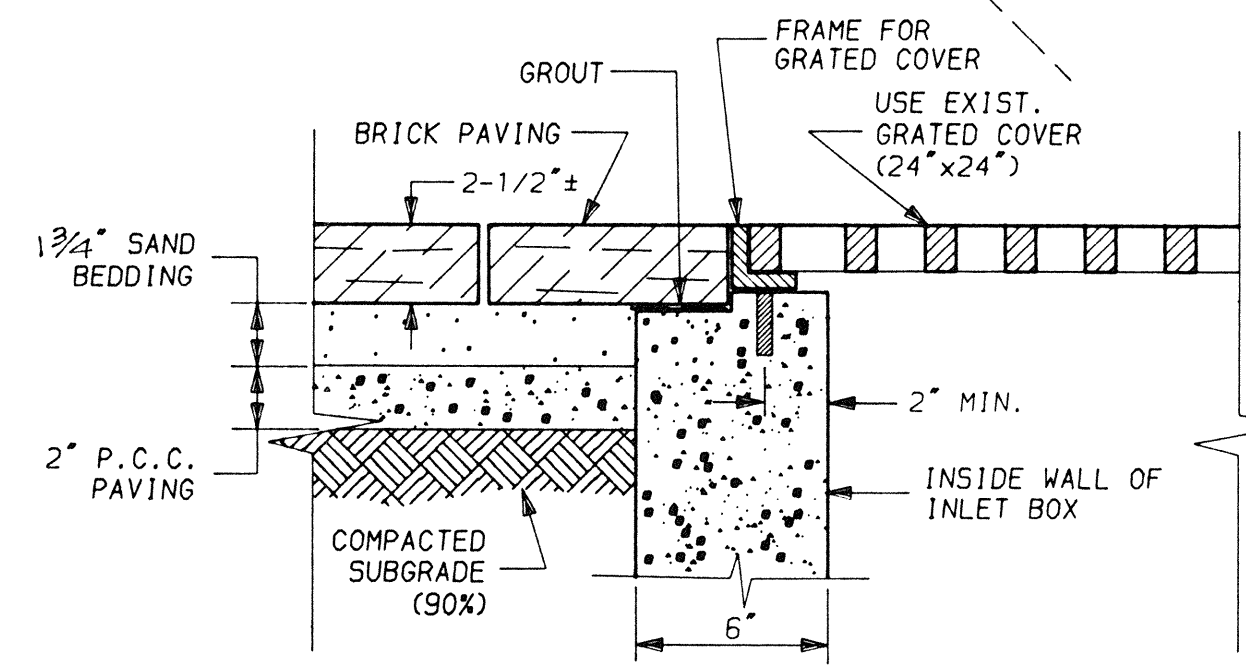
PROJECT NO. 3948 MAP NO. K14 SHEET 2 OF 5

BETA WEST BLDG.
F.F. 4952.9-4953.1



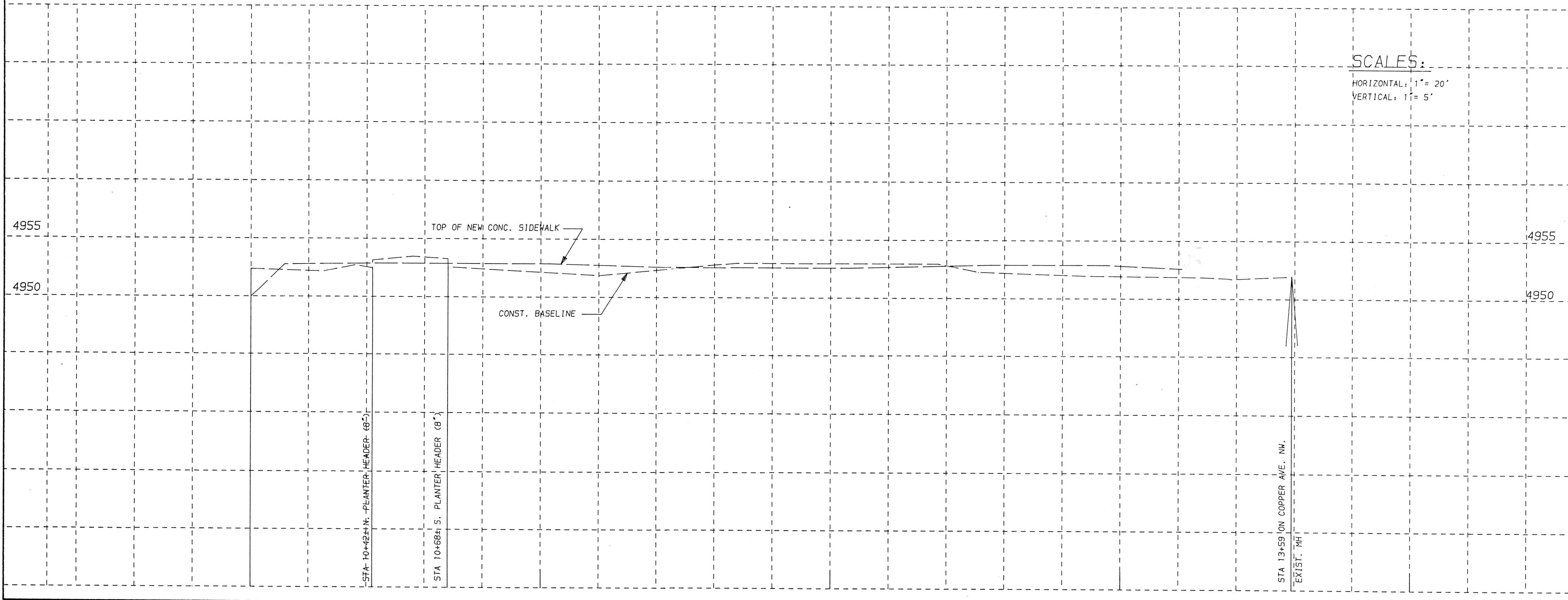
- LEGEND:
- (52.0) EXISTING ELEVATION
 - 52.0 FINISHED ELEVATION
 - NEW P.C.C. INLET BOX W/ EXIST. GRATE
 - DRAINAGE BREAKLINE

NOTE: SEE SHEET 4 FOR PAVING PATTERNS
DIMENSIONS, AND MATERIALS



DETAIL FOR PAVING AND DRAIN INLET BOX
SCALE 1" = 6"

SCALE 5:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

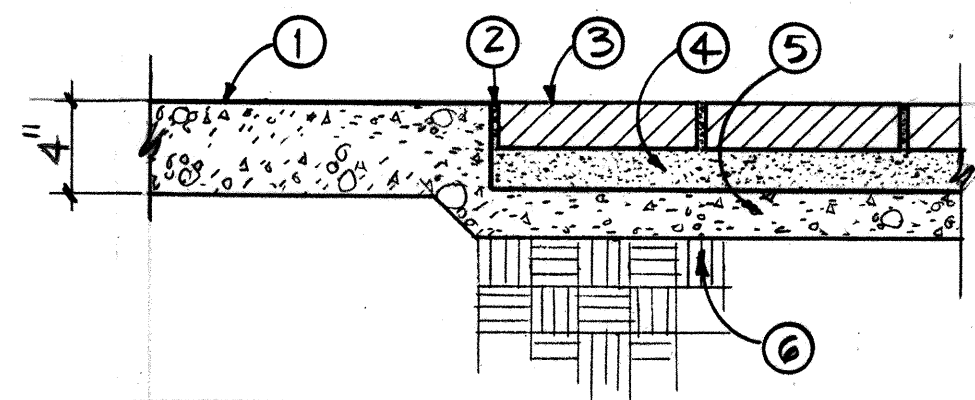
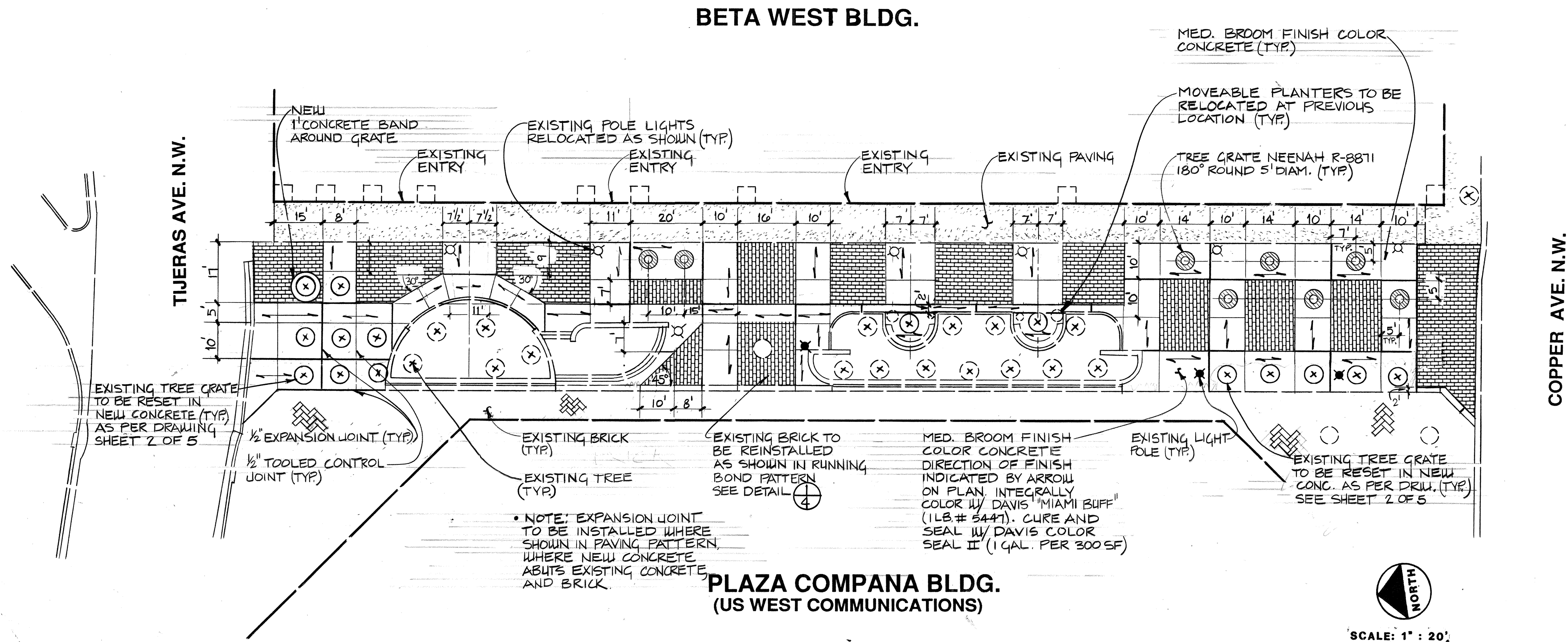


SCANNED
BY

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

PRINTED: 6/7/90
3948-3

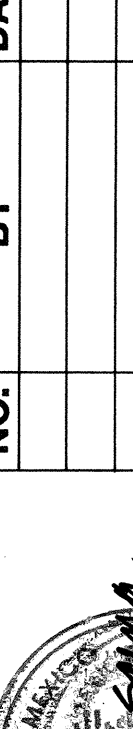
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: 4TH. ST. PEDESTRIAN MALL STREETScape PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	7/20/90	WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	<i>[Signature]</i>	7/20/90			
PARKS					
PROJECT NO.	3948	MAP NO.	K12	SHEET	3 OF 5



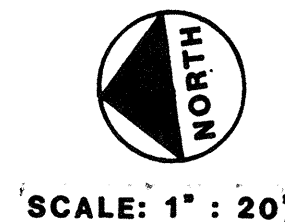
- KEYED NOTES:
- ① 4" CONCRETE SEE PLAN FOR DETAILS.
 - ② SWEEP DRY SAND INTO JOINTS & APPLY SEALANT.
 - ③ BRICK DRY SET ON SAND BASE.
 - ④ 1 3/4" SAND BASE.
 - ⑤ 2" CONCRETE BASE W/ROUGH FINISH.
 - ⑥ COMPACTED SUBGRADE TO 90%.
- BRICK & CONCRETE PAVING DETAIL**
SCALE: 1 1/2" = 1'-0"

SCANNED BY: [signature]
26-3948 0427

CITY OF ALBUQUERQUE PARKS & RECREATION DESIGN & DEVELOPMENT					
TITLE: 4TH STREET PEDESTRIAN MALL STREETSCAPE					
CONSTRUCTION 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 4 OF 5	

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

BETA WEST BLDG.

(2) GLEDITSIA TRIACANTHOS INERMIS
'SHADEMASTER'FOR TREE PLANTING
SEE DETAIL (4/5) (TYP.)APPROXIMATE LOCATION OF EXISTING
METER FIELD VERIFY
VERIFY LOCATION OF EXISTING MAINLINE
& EXTEND TO PLANTERRECONNECT EXISTING IRRIGATION
LINES TO MOVEABLE PLANTERS(6) GLEDITSIA TRIACANTHOS INERMIS
'SHADEMASTER'RAINBIRD 1404 BUBBLER
SEE DETAIL (3/5) (TYP.)1/4" SLEEVING (TYP.) FOR 3/4"
PIPEEXISTING CONTROLLER
LOCATION VERIFY ADEQUATE
STATIONINGRAINBIRD 100-PE-1"
VALVE SEE DETAIL (2/5)
NEW 2" PVB W/ MASTERVALVE
(MASTERVALVE CONNECTS TO
ALL EXISTING & NEW VALVES)
SEE DETAIL (1/5)PLAZA COMPANA BLDG.
(US WEST COMMUNICATIONS)

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.
 [C] EXISTING CONTROLLER
 ▲ MASTERVALVE ASSEMBLY SEE DETAIL (1/5)
 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
 ● RAINBIRD 100-PE-1" Automatic control valve. See Detail (2/5)
 ▲ RAINBIRD BUBBLER 1404 See Detail (3/5)
 X TREE LOCATION EXISTING AND PROPOSED

IRRIGATION NOTES

- Field verify existing valve locations, wire to new Mastervalue.
- Remove and replace existing turf as necessary due to construction
and installation of new irrigation lines and renovation of ex. irrigation
- 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.
- Control wires shall identified w/ E-Z Coder WDR Series Tape @
valve and controller.
- All piping installed under paving etc. shall be sleeved in
Scheduled 40 PVC two sizes larger than the pipe to be sleeved.
- All products shall be as specified or approved substitution.
- 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	RAINBIRD 100-PE 1"	8	RAINBIRD BUBBLER 1404	▲	20-90	1	8

PLANTING NOTES:

- 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.
- FOR TREE PLANTING SEE DETAIL (4/5)

KEYED NOTES:

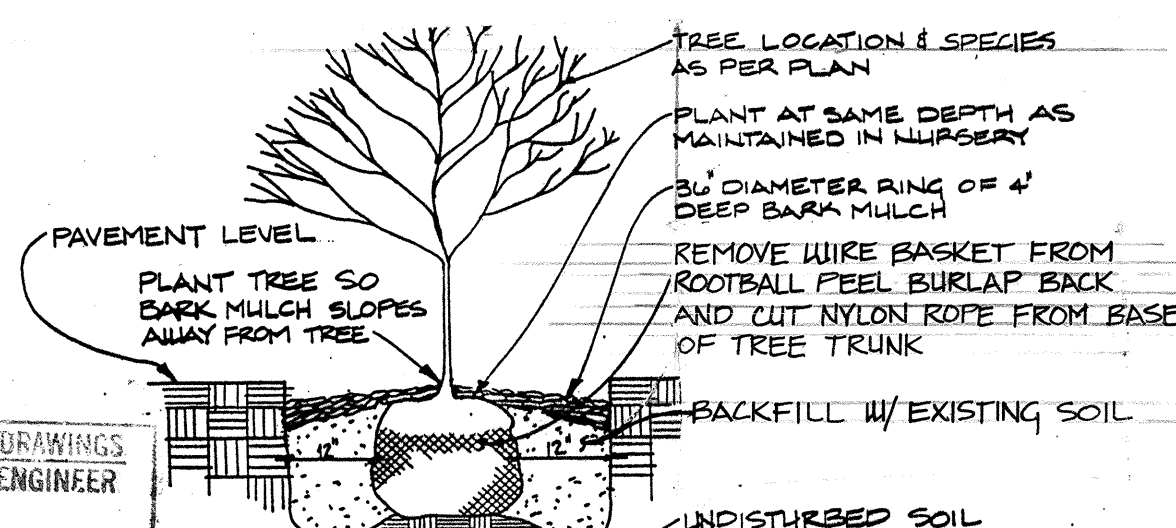
- FINISH GRADE
- CORRUGATED STEEL VALVE BOX
BASS & HAYES 55-C
- DRI-SPLICE CONNECTORS
- PRESSURE VACUUM BREAKER
BACKFLOW PREVENTER
- GALV. UNION
- AUTOMATIC VALVE
- LATERAL PIPE
- 8"x8"x16" SOLID CMU BLOCK
- CUT OUT FOR LATERAL PIPE
- 1 CUBIC FEET 1" DIAM.
WASHED ROCK
- 36" WIRE EXPANSION COIL
- WIRE BUNDLE
- SUBGRADE COMPACTED TO
95%
- CONSTANT PRESSURE
IRRIGATION MAINLINE
- GALV. TEE
- GALV. NIPPLE
- GALV. ELL
- GATE VALVE
- PVC MIP ADAPTER
- GALV. BUSHING MIPxMIP
- BALL DRAIN CHAMPION DV
050 1/2"

KEYED NOTES:

- FINISH GRADE
- CORRUGATED STEEL VALVE BOX
BASS & HAYES 55-C
- DRI-SPLICE CONNECTORS
- SCH. 40 PVC SXT COUPLING
- GALV. UNION
- AUTOMATIC VALVE
- LATERAL PIPE
- 8"x8"x16" SOLID CMU BLOCK
- CUT OUT FOR LATERAL PIPE
- 1 CUBIC FEET 1" DIAM.
WASHED ROCK
- 36" WIRE EXPANSION COIL
- WIRE BUNDLE
- SUBGRADE COMPACTED TO
95%
- IRRIGATION MAINLINE
- MAINLINE FITTING
- GALV. NIPPLE
- GALV. ELL
- GATE VALVE

KEYED NOTES:

- TREE GRATE
- 3000 PSI CONCRETE
- TREE GRATE FRAME & ANCHOR
- BUBBLER
- SCH. 80 PVC MOLDED NIPPLE
- SCH. 40 FITTING
- FINISH GRADE
- BACKFILL AS PER PLANS & SPECS.
- LATERAL PIPING
- SUBGRADE COMPACTED TO 95%
- 1" BARK MULCH

TREE GRATE AND BUBBLER
N.T.S.TREE PLANTING DETAIL
N.T.S.SCANNED
BY

26-3948 10597

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	Roger A. Green	7/30/90	WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	John J. Green	7/30/90			
PARKS					
PROJECT NO. 3948	MAP NO. K-14-Z	SHEET 5 OF 5			


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