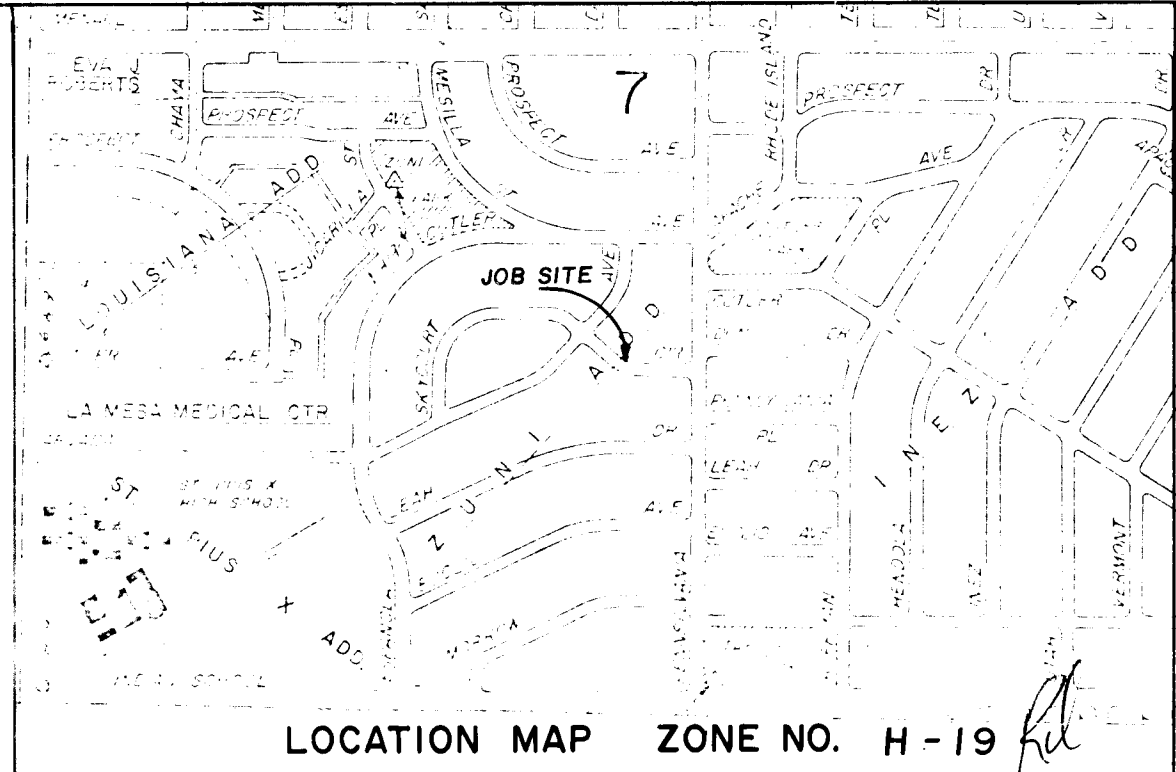


STORM DRAIN IMPROVEMENTS
SKY COURT CIRCLE N.E.
ZUNI ADDITION

INDEX

- SHEET 1 TITLE SHEET
SHEET 2 PLAN AND PROFILE
SHEET 3 CATCH BASIN AND CHANNEL IMPROVEMENT DETAILS
SHEET 4 CATCH BASIN AND SIDEWALK DETAILS

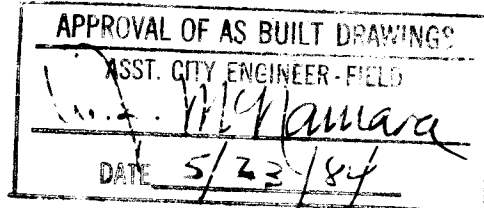


NOTICE TO CONTRACTORS

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred to herein as the Standard Specifications) and the Contract Documents for City Wide Utilities and Cash Paving No. 31.
2. Two(2) working days prior to any excavation, the contractor must contact Line Locating Service, 765-1234 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 minimum amount of delay.

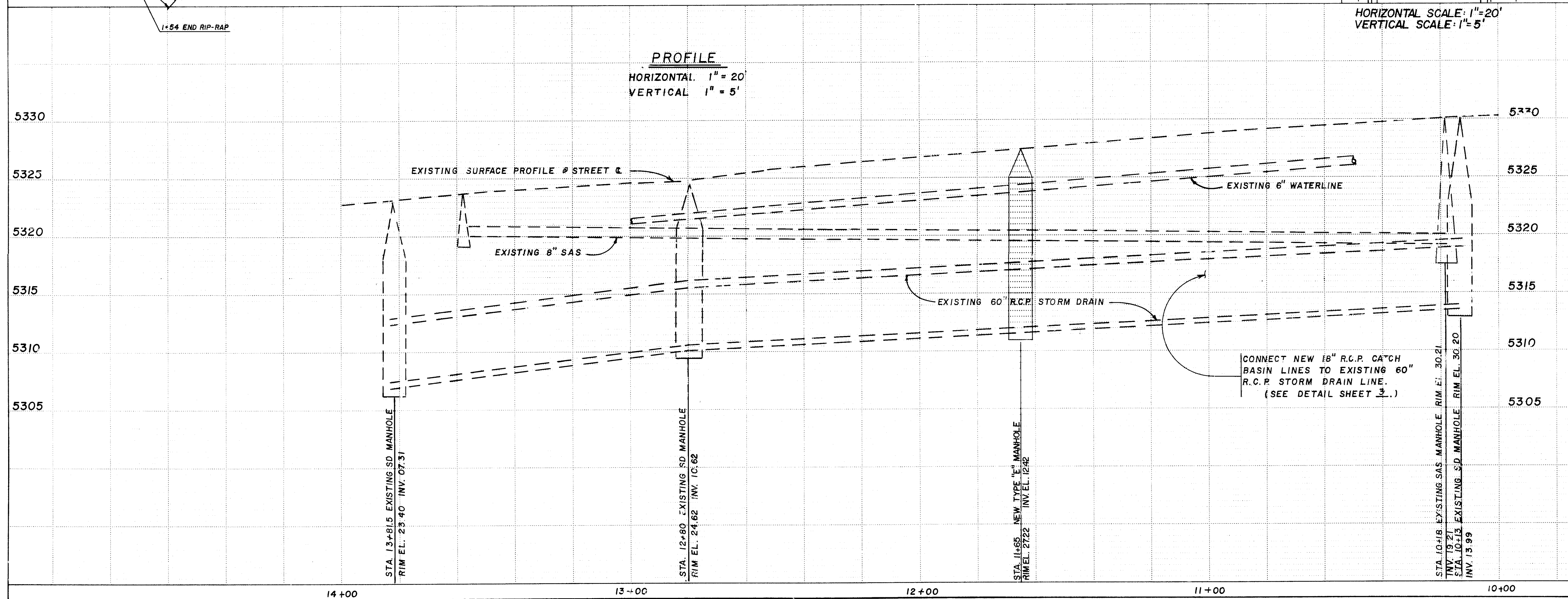
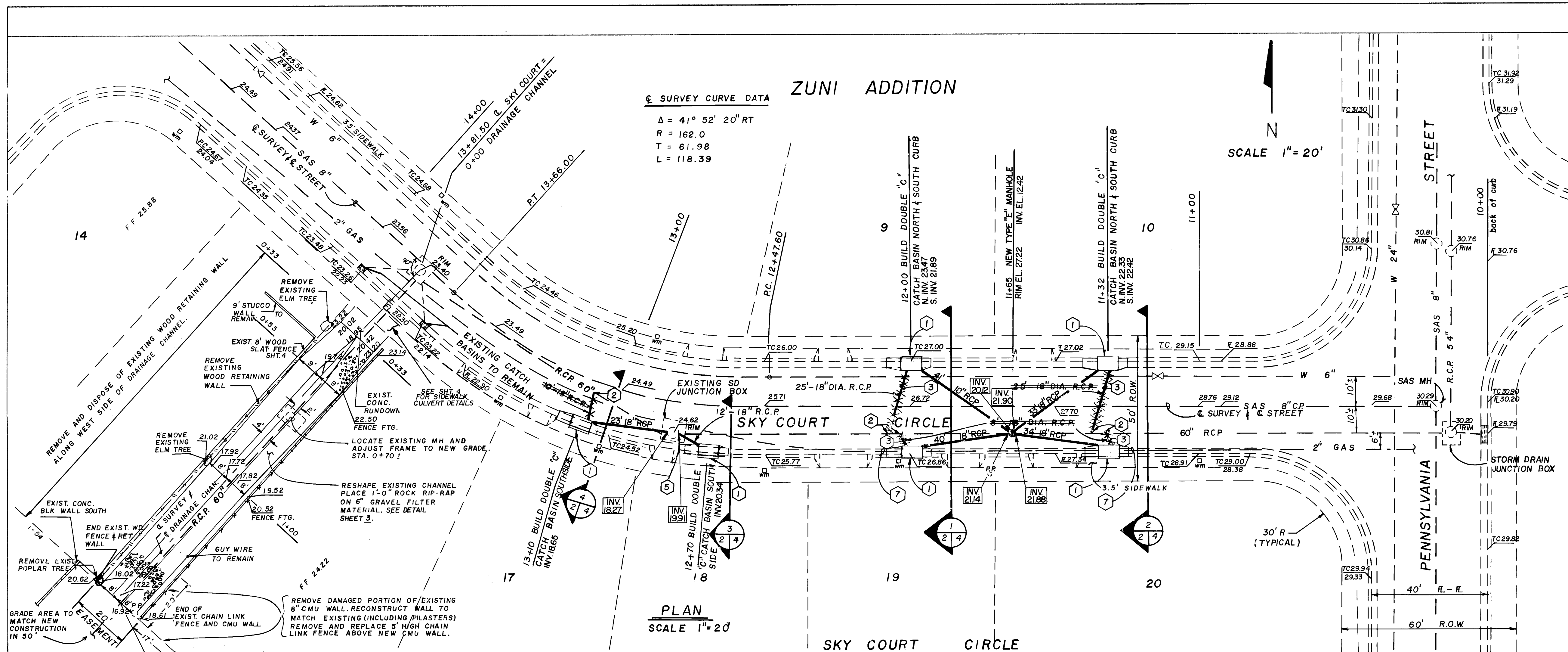
THE FOLLOWING NOTES ALSO APPLY
WHEN CHECKED

- ☐ All utilities and utility service lines shall be installed prior to paving.
- ☒ Backfill compaction shall be according to specified street use. *RESIDENTIAL*
- ☐ 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 driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
- ☐ All storm drainage facilities shall be completed prior to final acceptance.



2-6 1756 0184

	CITY OF ALBUQUERQUE	APPROVED FOR CONSTRUCTION
	1756	CITY ENGR. <i>[Signature]</i> SHEET 1 OF 4



KEYED NOTES

- 1 REMOVE AND REPLACE EXISTING CURB & GUTTER, SIDEWALK, AND ASPHALT PAVEMENT AS REQUIRED TO INSTALL NEW CATCH BASIN.
- 2 CONNECT 18" R.C.P. CATCH BASIN LINES DIRECTLY TO EXISTING 60" R.C.P. (SEE DETAIL SHEET 3.)
- 3 REMOVE AND REPLACE EXISTING RESIDENTIAL ASPHALT PAVEMENT AS REQUIRED TO INSTALL CATCH BASIN LINES. ONLY ONE CATCH BASIN LINE CONNECTION WILL BE ALLOWED PER JOINT OF 60" R.C.P. FIELD ADJUSTMENTS TO BE MADE TO FIT EXISTING CONDITIONS.
- 4 THE VERTICAL POSITION OF NEW 18" CATCH BASIN LINES TO BE ESTABLISHED IN FIELD TO CLEAR EXISTING UTILITIES. (TYPICAL ALL CATCH BASIN LINES)
- 5 CATCH BASIN LINES TO BE INSTALLED PRIOR TO CONSTRUCTION OF CATCH BASINS. DEPTH OF CATCH BASINS TO BE AS REQUIRED BY FIELD CONDITIONS.
- 6 CONNECT 18" R.C.P. CATCH BASIN LINES TO EXISTING S.D. JUNCTION BOX BY BREAKING THROUGH EXISTING MASONRY ABOVE REINFORCED CONCRETE PORTION OF JUNCTION BOX. POUR CONCRETE COLLAR AROUND NEW LINE.
- 7 MINOR ADJUSTMENTS FOR LOCATION OF NEW CATCH BASINS WILL BE ALLOWED TO FIT LOCATIONS OF EXISTING DRIVEPADS AND PIPE JOINTS AS DETERMINED BY THE CONSTRUCTION ENGINEER
- 8 EXISTING 2" GAS LINE TO BE RELOCATED TO CLEAR NEW CATCH BASINS AS REQUIRED BY GAS CO. OF NEW MEXICO

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
DATE	BY	DATE	BY	DATE	BY	DATE	BY
5/83	P. AGUIAR	5/83	P. AGUIAR	5/83	P. AGUIAR	5/83	P. AGUIAR

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM DRAIN IMPROVEMENTS SKY COURT CIRCLE N.E.

PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9-26-83	Liquid Waste	NA	9-26-83
A.C.E. Design	<i>[Signature]</i>	10/10/83	Traffic	NA	10/10/83
A.C.E. Hydrology	<i>[Signature]</i>	10/10/83	Water	NA	10/10/83

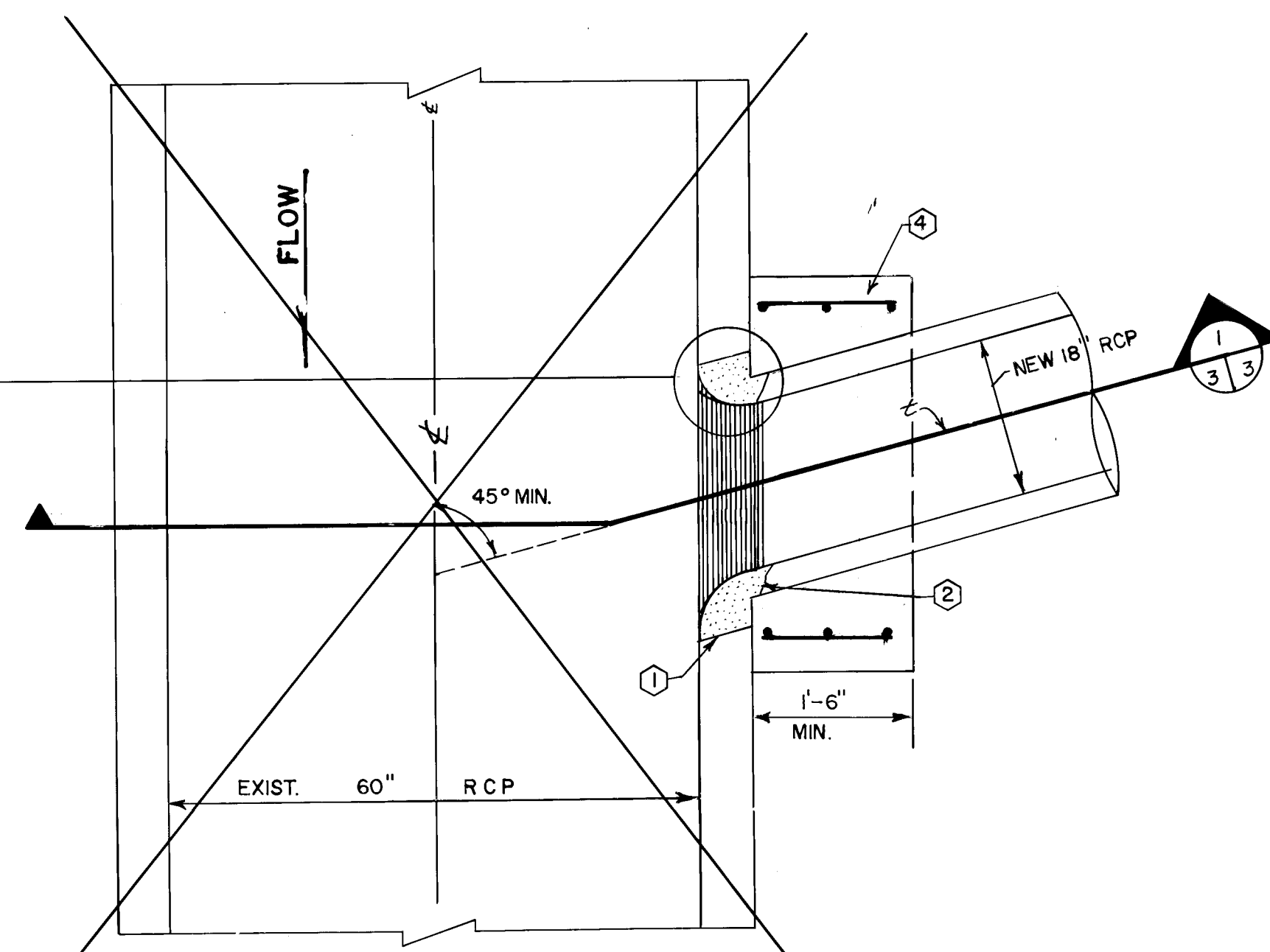
DESIGNED BY RICHARD LOVATO
DRAWN BY M. BROWN
CHECKED BY RICHARD LOVATO

DATE 5/83
DATE 5/83
DATE JUNE 1983

DRAWING NO. **1756**

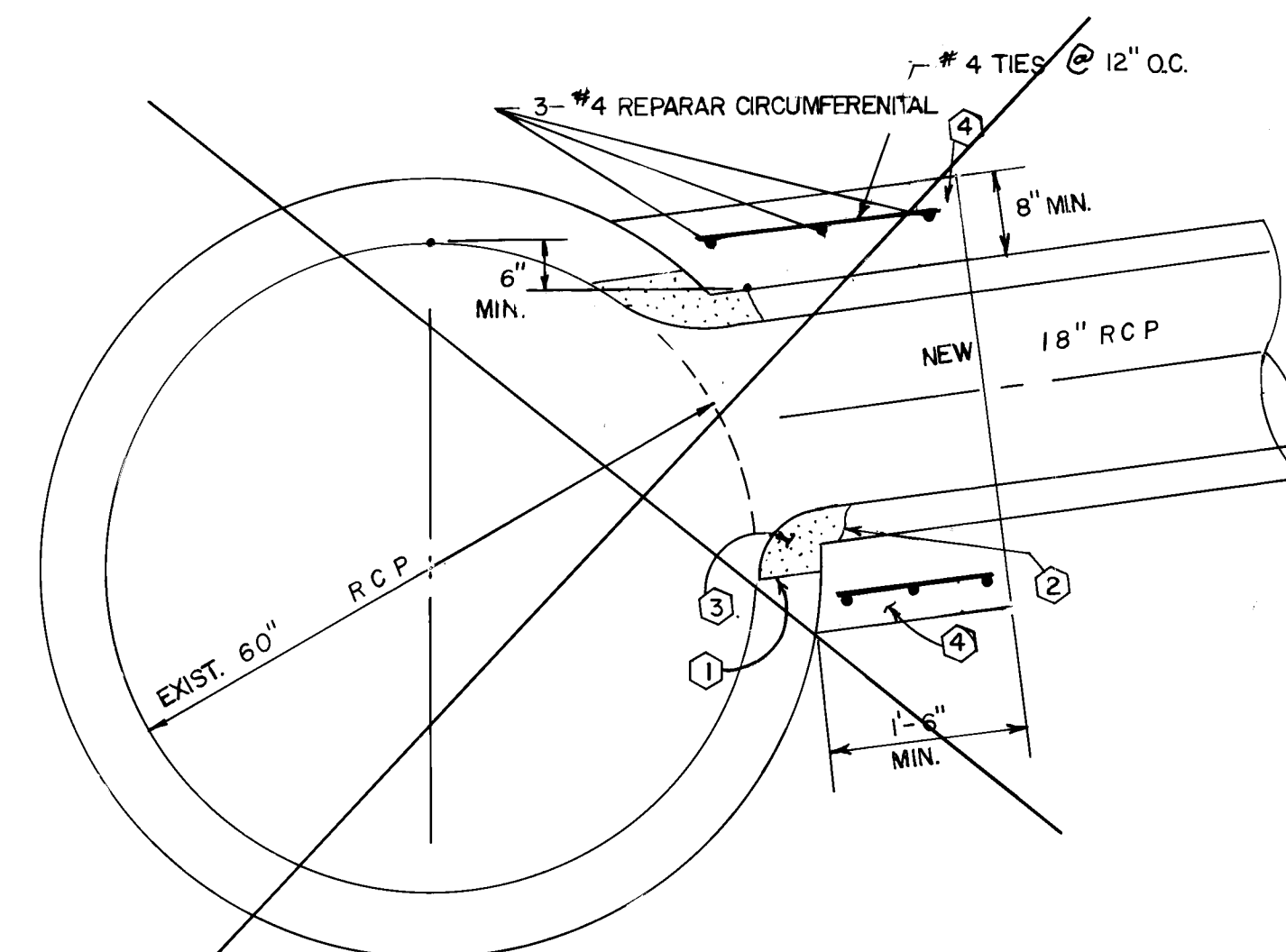
MAP NO. **H-19**

SHEET **2** OF **4**

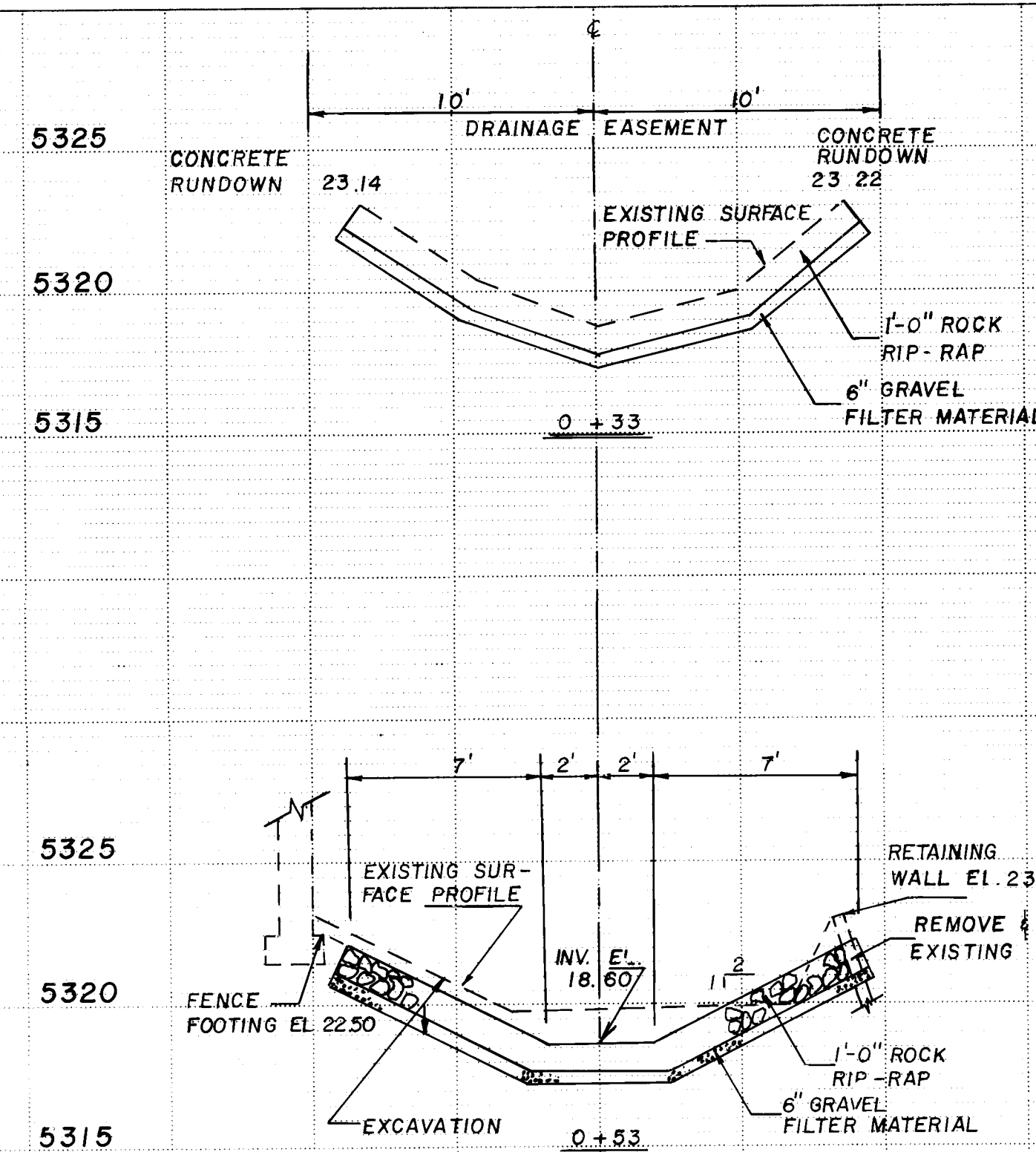


- ① BREAK OUT HOLE IN EXISTING 60" RCP TO ACCEPT NEW 18" RCP CATCH BASIN LINE. EXPOSE AND CONNECT REINFORCING IN 60" RCP TO REINFORCING IN 18" RCP 6" MINIMUM LAP.
- ② EXPOSE REINFORCING IN NEW 18" RCP AND CONNECT TO REINFORCING IN 60" RCP 6" MINIMUM LAP
- ③ CROUT INSIDE OF CONNECTION TO SMOOTH, ROUNDED SHAPE.
- ④ POUR CONCRETE COLLAR AROUND CONNECTION TO DIMENSION SHOWN. REINFORCE COLLAR AS SHOWN.

INLET JUNCTION DETAILS
SCALE 3/4" = 1'-0"



SECTION



The image contains two cross-section diagrams of a drainage ditch, labeled '1+00' at the bottom center.

Top Diagram (Existing Profile):

- Dimensions:** 6' (left), 2' (center), 2' (center), 6' (right).
- Labels:**
 - FENCE FOOTING EL. 20.52
 - BERM EL. 20.90
 - INV. EL. 17.90
 - RETAINING WALL EL. 21.02
 - EXISTING SURFACE PROFILE
 - 1'-0" ROCK RIP-RAP
 - 6" GRAVEL FILTER MATERIAL
 - 2% SLOPE (TYPICAL)

Bottom Diagram (Proposed Profile):

- Dimensions:** 6' (left), 2' (center), 2' (center), 6' (right).
- Labels:**
 - EXISTING CMU WALL
 - USE OF EXISTING WALL
 - FENCE FOOTING EL. 18.61
 - BERM EL. 20.10
 - INV. EL. 17.10
 - RETAINING WALL EL. 20.62
 - EMBANKMENT FILL COMPACT TO 90% OF MAX. DENSITY
 - 1'-0" ROCK RIP-RAP
 - 6" GRAVEL FILTER MATERIAL
 - 2% SLOPE (TYPICAL)
 - REMOVE & DISPOSE OF EXISTING LUMBER & POSTS BEING USED AS RETAINING WALL
 - EXISTING SURFACE PROFILE

1+54

1. REMOVE EXISTING RIP-RAP AND MCELANEOUS STABILIZATION MATERIAL BETWEEN STA. 0+33 AND 1+54. MATERIAL MAY BE RE-USED AS APPROVED BY FIELD ENGINEER.
2. REMOVE & DISPOSE OF EXISTING WOOD RETAINING STRUCTURE ON THE WEST SIDE.
3. RESHAPE CHANNEL TO SHAPE AND GRADES SHOWN.
4. PLACE 6" GRAVEL FILTER MTL. AND 1'-0" ROCK RIP RAP AS DETAILED.
5. REPAIR DAMAGE TO EXIST. 8" CMU WALL TO LIMITS DESCRIBED IN PLAN.
6. COORDINATE CONSTRUCTION OF NEW IMPROVEMENTS WITH THE REMOVAL AND REPLACEMENT OF EXISTING 8' WOOD SLAT FENCE ON THE WEST SIDE BY PROPERTY OWNER.
7. EMBANKMENT FILL TO BE COMPACTED TO 90% OF MAXIMUM DENSITY.

26. 1756 0384

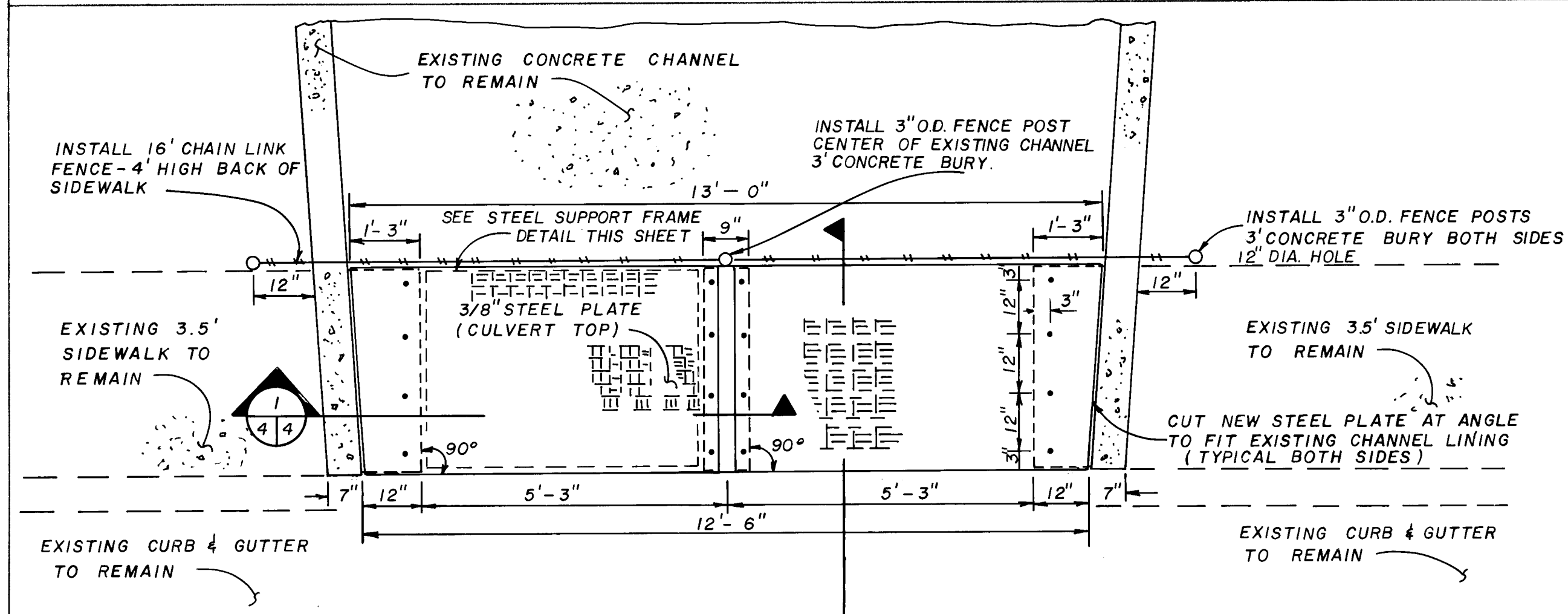
CIRCLE NO.: _____
CHANNEL IMPROVEMENT DETAILS

CHANNEL IMPROVEMENT DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. M. Hopper</i>	11/6/82	Liquid Waste		
A C E - Design <i>REL. 11/24/83</i>	<i>H. Kucic</i>	21/SEP/83	Traffic	NA - MK	10/10/85
A C E - Hydrology	<i>Jim Smith</i>	10/10/87	Water		

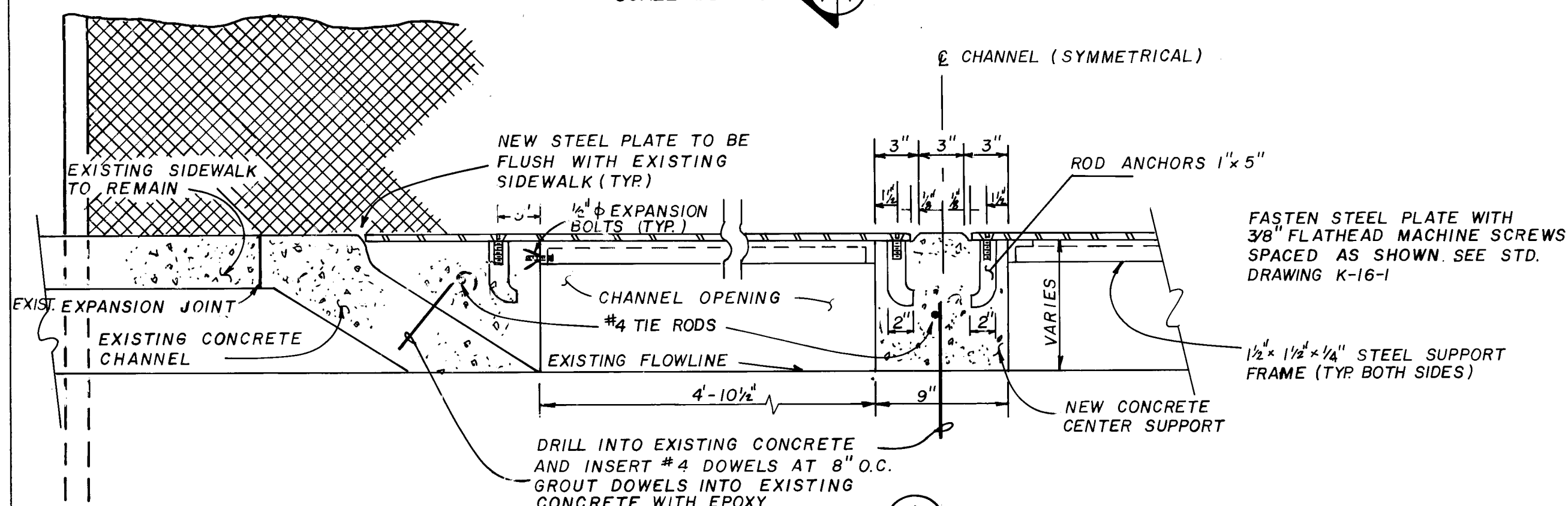
DRAWING NO.	1756	MAP NO.	H-19	SHEET	3	OF	4
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SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	REF. BM	811H9	
			STANDARD A.C.S. BRASS TABLET SET IN TOP OF CONCRETE POST FLUSH WITH CURB IN S.E. RETURN AT THE INTERSECTION OF MEHAUL BLVD. N.E. AND PENNSYLVANIA ST. N.E.	ELEVATION..... 5341.93	
					CONTRACT NO. <u>NEW CONCEPTS</u>
					INSPECTED BY <u>DATE</u>
					FIELD NO. <u>DATE</u>
					VERIFICATION BY <u>DATE</u>
					CORRECTED BY <u>DATE</u>
					<u>MICRO-FILM INFORMATION</u>
					RECORDED BY <u>DATE</u>
					NO

[illegible]

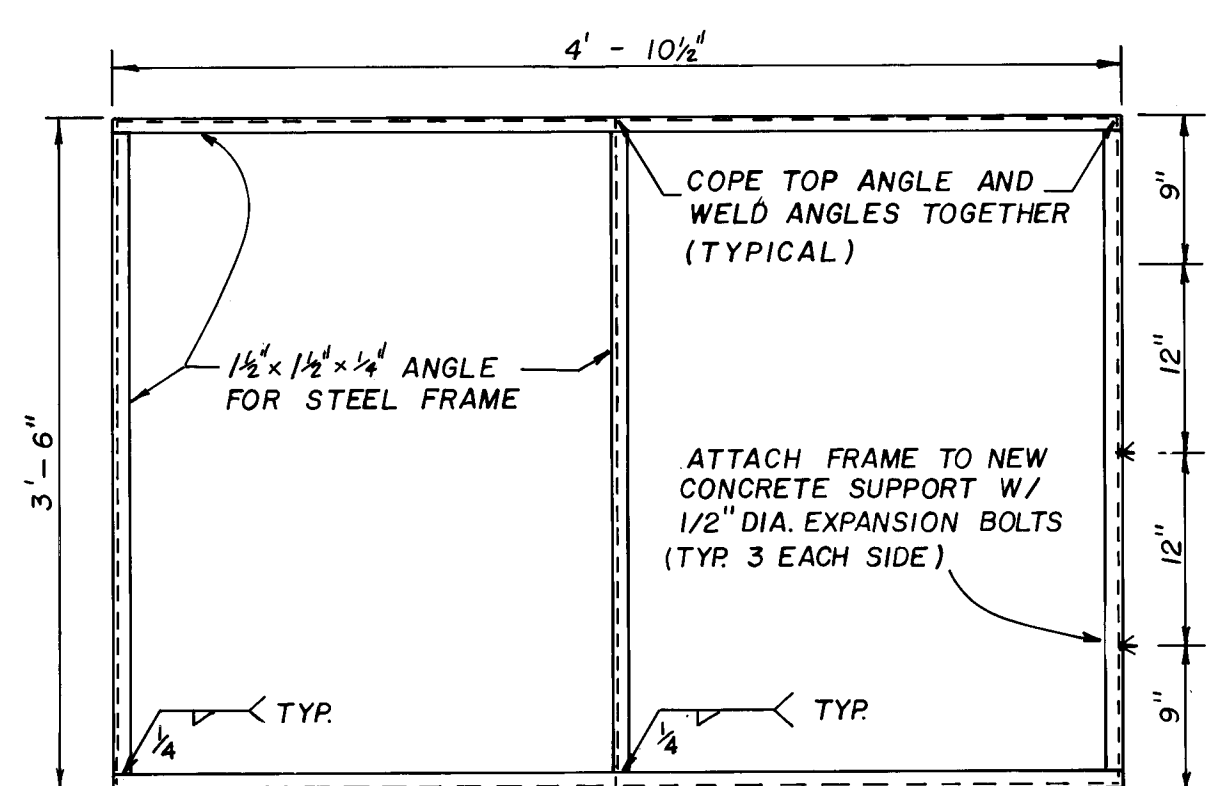


PLAN
SCALE 1/2"=1'-0"

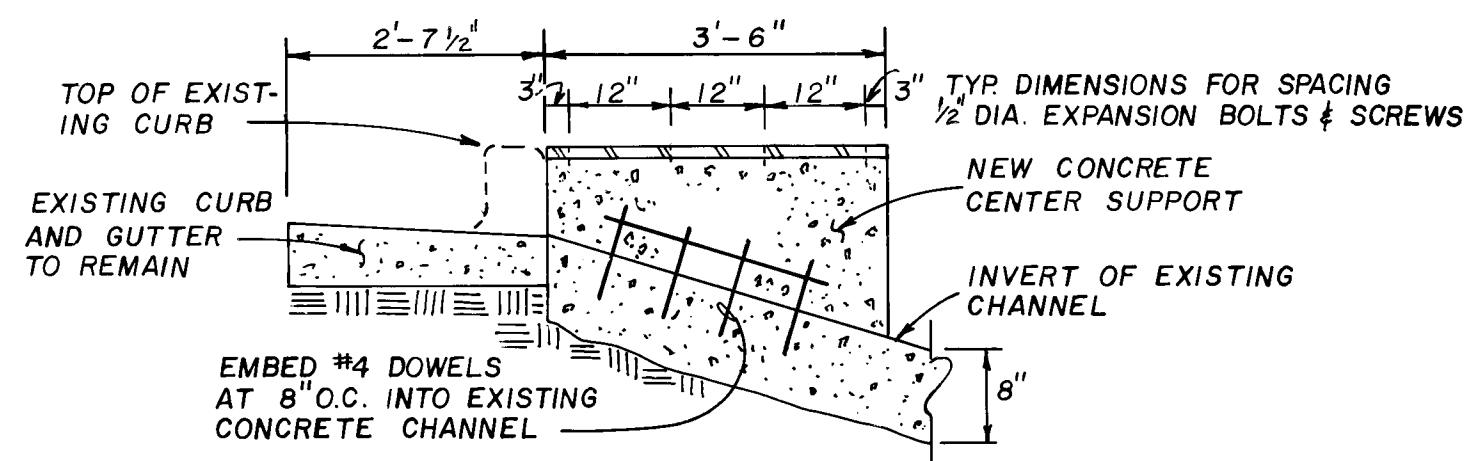


SECTION
SCALE 1/2"=1'-0"

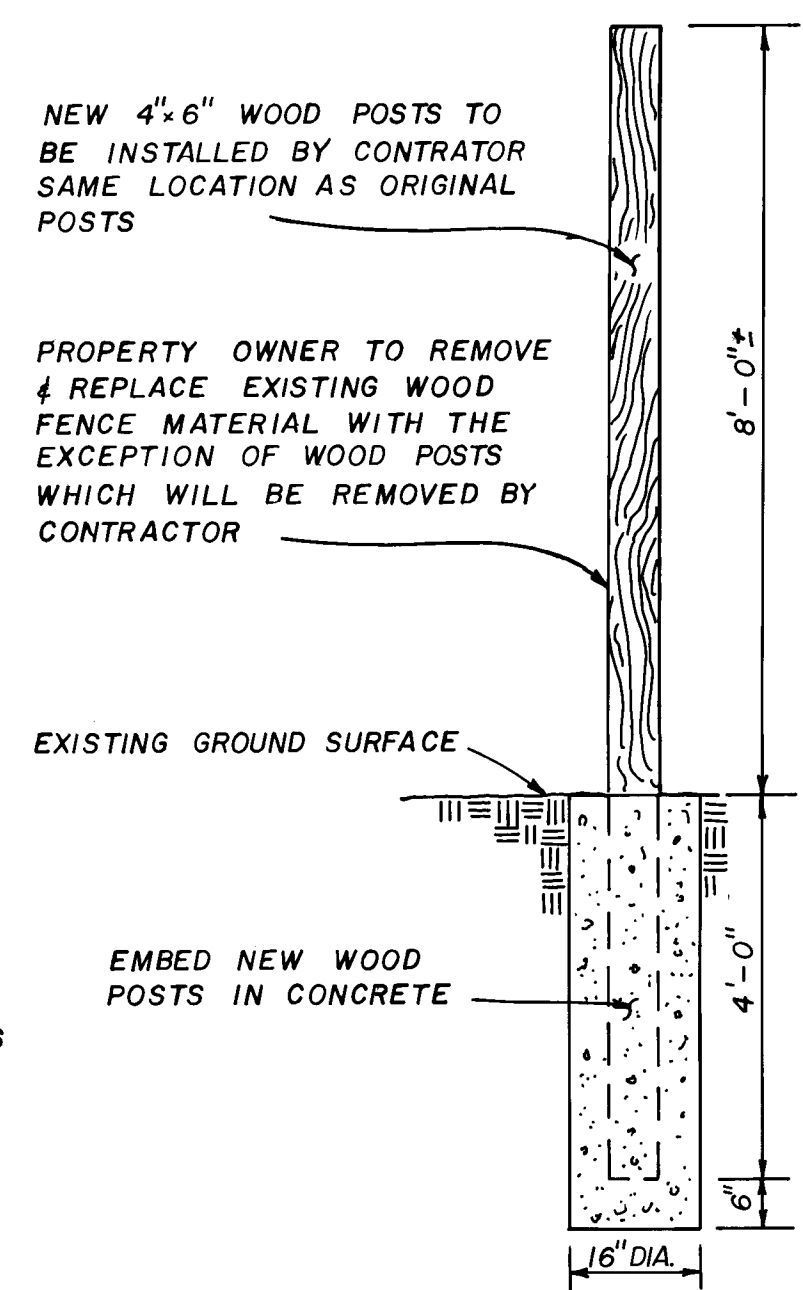
SIDEWALK CULVERT
DETAILS



STEEL SUPPORT FRAME DETAIL
NO SCALE



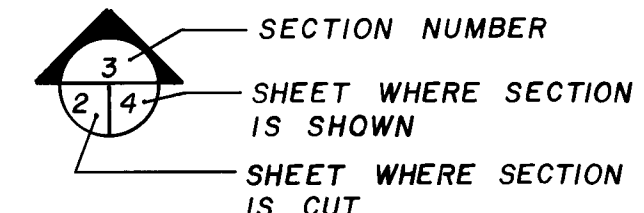
SECTION
SCALE 1/2"=1'-0"



8' WOOD FENCE REMOVAL &
REPLACEMENT DETAIL
SCALE 1/2"=1'-0"

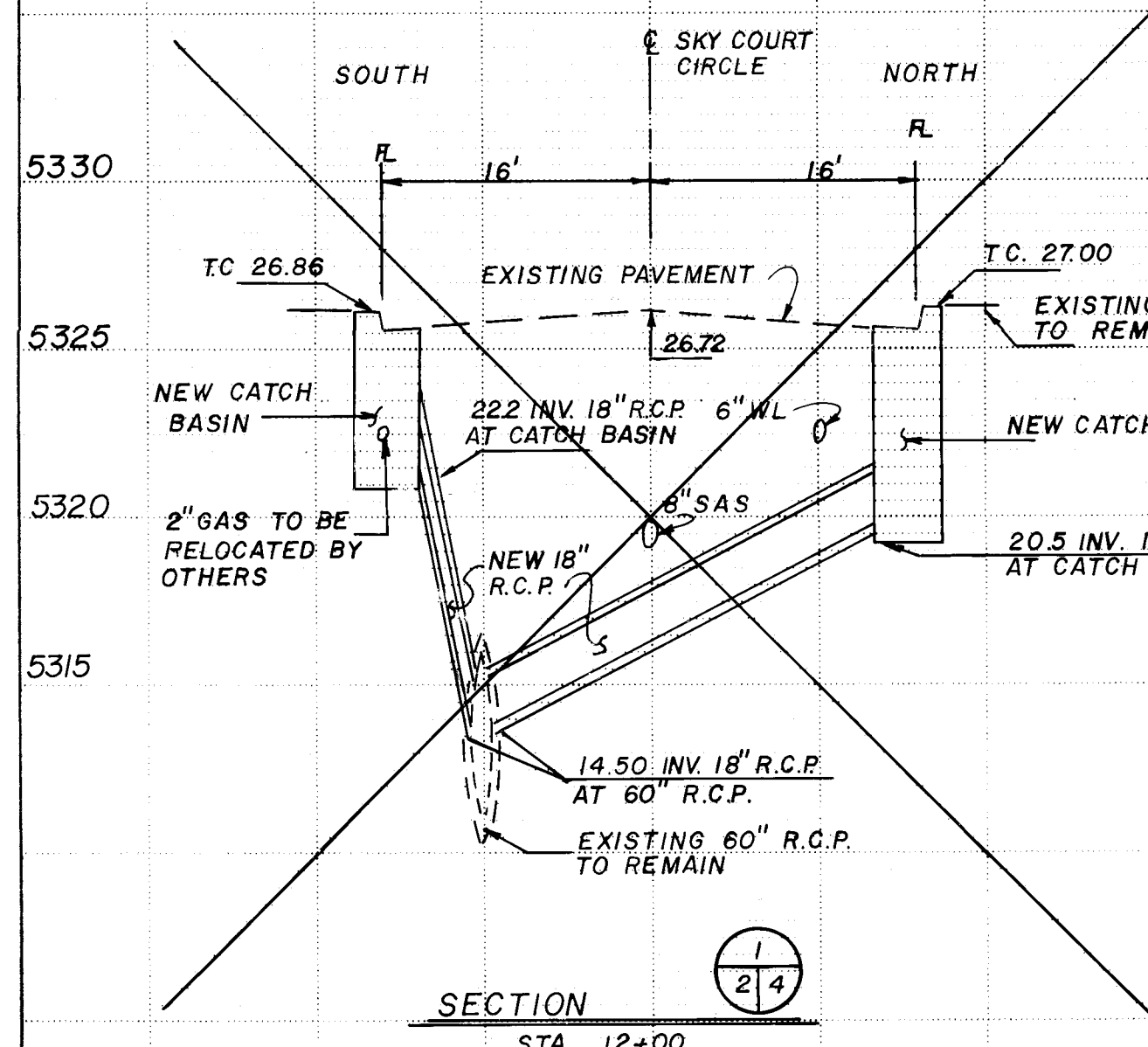
NOTES PERTAINING TO WOOD FENCE REMOVAL

- EXISTING 8' HIGH WOOD FENCE ON WEST SIDE OF DRAINAGE CHANNEL FROM STA. 0+44 TO STA. 1+54 TO BE REMOVED BY PROPERTY OWNER PRIOR TO REMOVAL OF EXISTING RETAINING STRUCTURE AND PROPOSED CHANNEL IMPROVEMENTS.
- CONTRACTOR TO CONTACT MR. VAN SICKLE AT 7500 SKY COURT CIRCLE 3 DAYS PRIOR TO CONSTRUCTION OF CHANNEL IMPROVEMENTS AND CO-ORDINATE REMOVAL OF HIS FENCE.
- CONTRACTOR SHALL REMOVE EXISTING WOOD FENCE POSTS AND INSTALL NEW 4x6 WOOD POSTS IN SAME LOCATION AS EXISTING POSTS (SEE DETAIL).
- PROPERTY OWNER TO RECONSTRUCT HIS WOOD FENCE AFTER CHANNEL IMPROVEMENTS ARE COMPLETE AND NEW POSTS ARE INSTALLED BY CONTRACTOR.

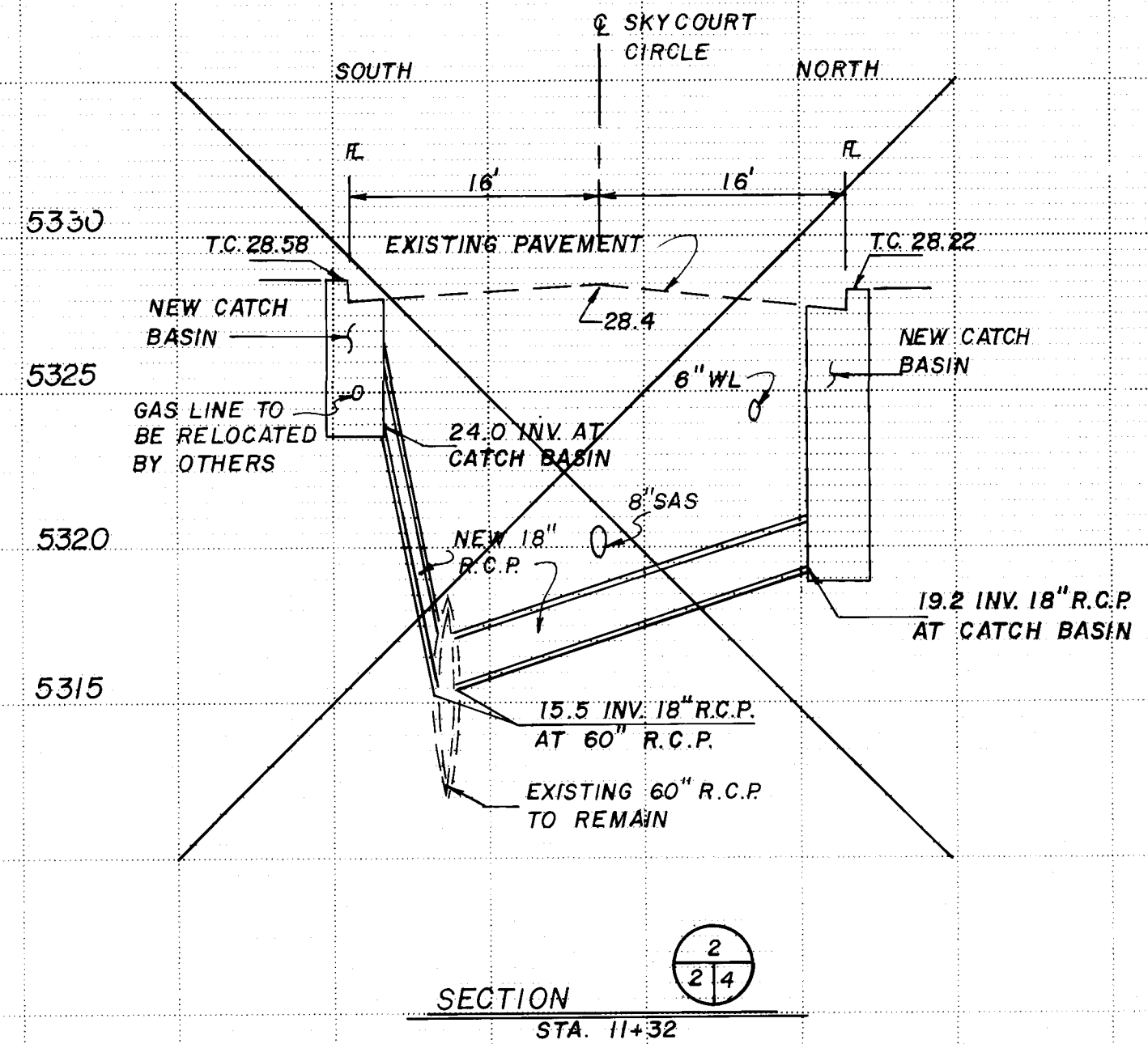


NOTES PERTAINING TO SIDE- WALK CULVERT

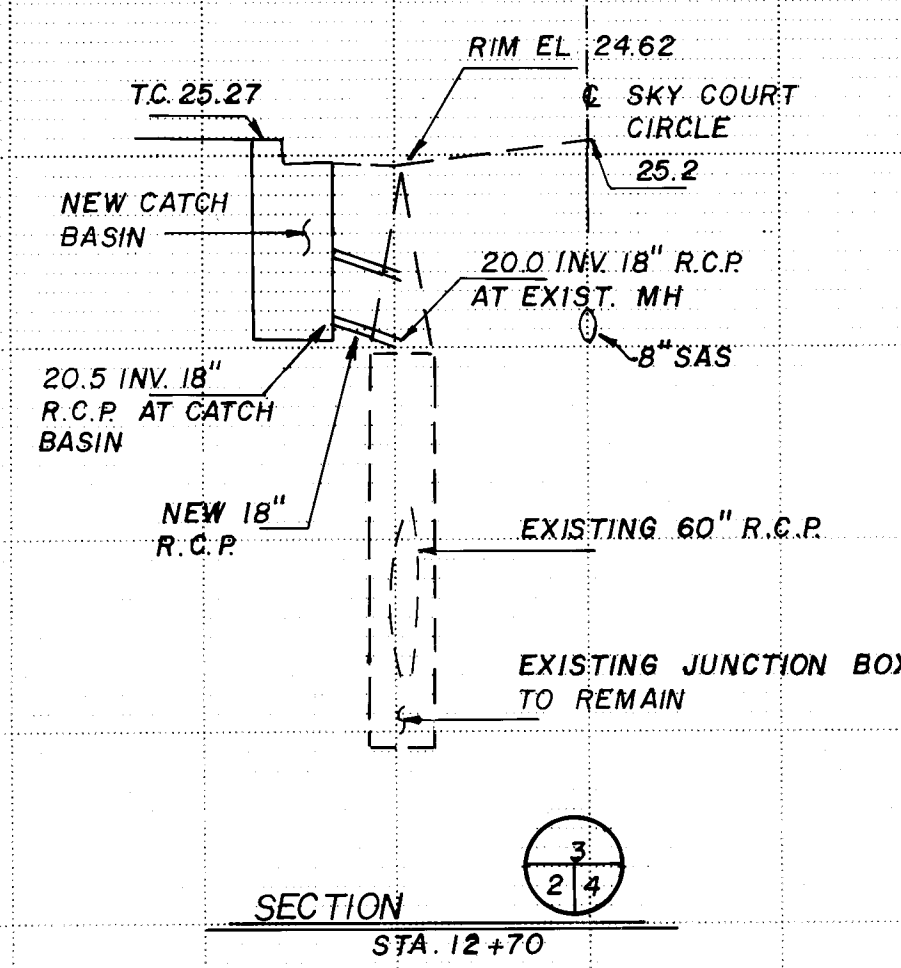
- DRILL AND FASTEN 3/8" STEEL PLATE WITH 3/8"x1" FH C/SUNK STAINLESS STEEL MACHINE SCREWS.
- STAINLESS STEEL ROD ANCHORS TO BE DRILLED AND TAPPED FOR FLATHEAD MACHINE SCREWS SPACED AS SHOWN.
- AFTER CLEANING PLATE SURFACE OF SCALE, RUST, etc THE PLATE AND FRAMING MEMBERS SHALL BE PAINTED WITH 1 SHOP COAT RED OXIDE AND 2 FINISH COATS OF ALUMINUM PAINT (AASHO M29).



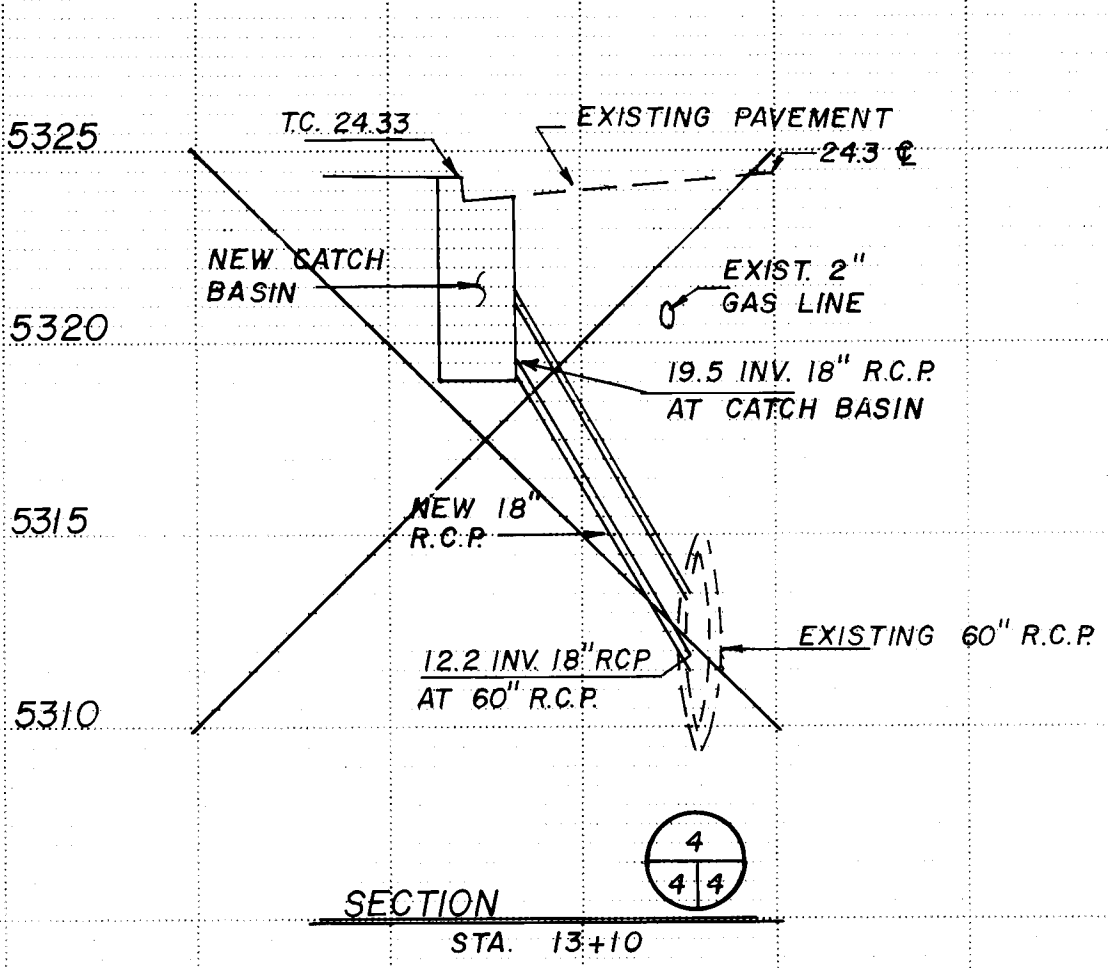
SECTION
STA. 12+00



SECTION
STA. 11+32



SECTION
STA. 12+70



SECTION
STA. 13+10

SCALES
HORIZONTAL 1"=10'
VERTICAL 1"=5'

26 1756 0484

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: STORM DRAIN IMPROVEMENTS SKY COURT CIRCLE N.E. CATCH BASIN AND SIDEWALK CULVERT DETAILS			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	10/11/83	Liquid Waste
A.C.E. Design	<i>[Signature]</i>	9/15/83	Traffic
A.C.E. Hydrology	<i>[Signature]</i>	10/11/83	Water
DESIGNED BY	RICHARD LOVATO	DATE	8/12/83
DRAWN BY	MARTIN BROWN	DATE	8/83
CHECKED BY	RICHARD LOVATO	DATE	8/83
DRAWING NO. 1756		MAP NO. H-19	
SHEET 4		OF 4	