RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

PIERCE STREET STORM DRAIN

LA SIERRA CHANNEL TO MAGNOLIA AVENUE AT MERCED DRIVE

CONSTRUCTION LEGEND

CENTER LINE	——℄——	TOP OF SLOPE	
RIGHT-OF-WAY LINE	——R/W——	TOE OF SLOPE	
SUBDIVISION LOT LINE	——℄——	DIRECTION OF FLOW	---→

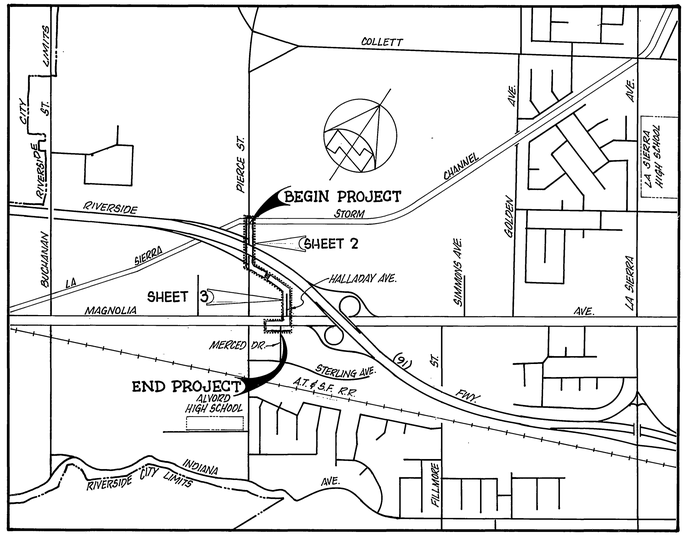
SPECIFIC CONSTRUCTION NOTES

⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

D73 / G1 CALTRANS STD. PLAN

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON PLANS ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE & PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN IF THE COVER OF A UTILITY IS KNOWN IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ⊘——⊂⊃ INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD.
3. PERMANENT TRENCH RESURFACING SHALL BE 3"A.C. OVER 11" CRUSHED AGG. BASE (CAB) FOR MERCED DR., 4½" A.C. OVER 18" CAB FOR MAGNOLIA AVE., AND 2½" A.C. OVER 5" CAB FOR HALLADAY AVE.
4. UTILITIES TO BE CROSSED BY THE PROPOSED STORM DRAIN SHALL BE LOCATED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF GRADE SHEETS.
5. RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN ON PRIVATE PROPERTY.
6. NOTE, THE GROUND WATER TABLE SHOWN IS THE BEST UP TO DATE INFORMATION AVAILABLE TO THE CITY PROVIDED BY THE WESTERN MUNICIPAL WATER DISTRICT AND IS ATTACHED TO THE PROJECT SPECIAL PROVISIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE THE PRESENT GROUND WATER TABLE PRIOR TO BIDDING AND CONSTRUCTING PROJECT PER SECTION 306-1.2.1 OF THE SPECIAL PROVISIONS.
7. ALL D-LOADINGS SHOWN ARE FOR RCP ONLY.



PROJECT LOCATION PLAN

0 KM. 0.5 KM. 1 KM. 1.5 KM.

0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1" = 1000'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	——8"S——	TELEPHONE CONDUIT	——T——T——
WATER LINE	——6"W——	ELECTRICAL CONDUIT	——E——E——
STORM DRAIN	——24"S.D.——	STREET LIGHTING	——SL——SL——
GAS LINE	——3"G——	TRAFFIC SIGNAL	——SIG——SIG——
IRRIGATION LINE	——20"IRR.——	FIRE ALARM	——F——F——
ABANDONED UTILITY	---6"G(ABAN'D)---		

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- POLE & GUY ANCHOR
- ELECTRIC POLE
- TELEPHONE POLE
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- TELEPHONE RISER
- WHEEL STOP
- A.C. BERM
- STEEL POST
- WOOD POST
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR

- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE

- CITRUS TREE
- DECIDUOUS TREE OR
- PALM TREE OR
- SHRUBBERY OR
- TREE STUMP
- EVERGREEN TREE

* AS-BUILT 4/19/88 J.H. INDEX W

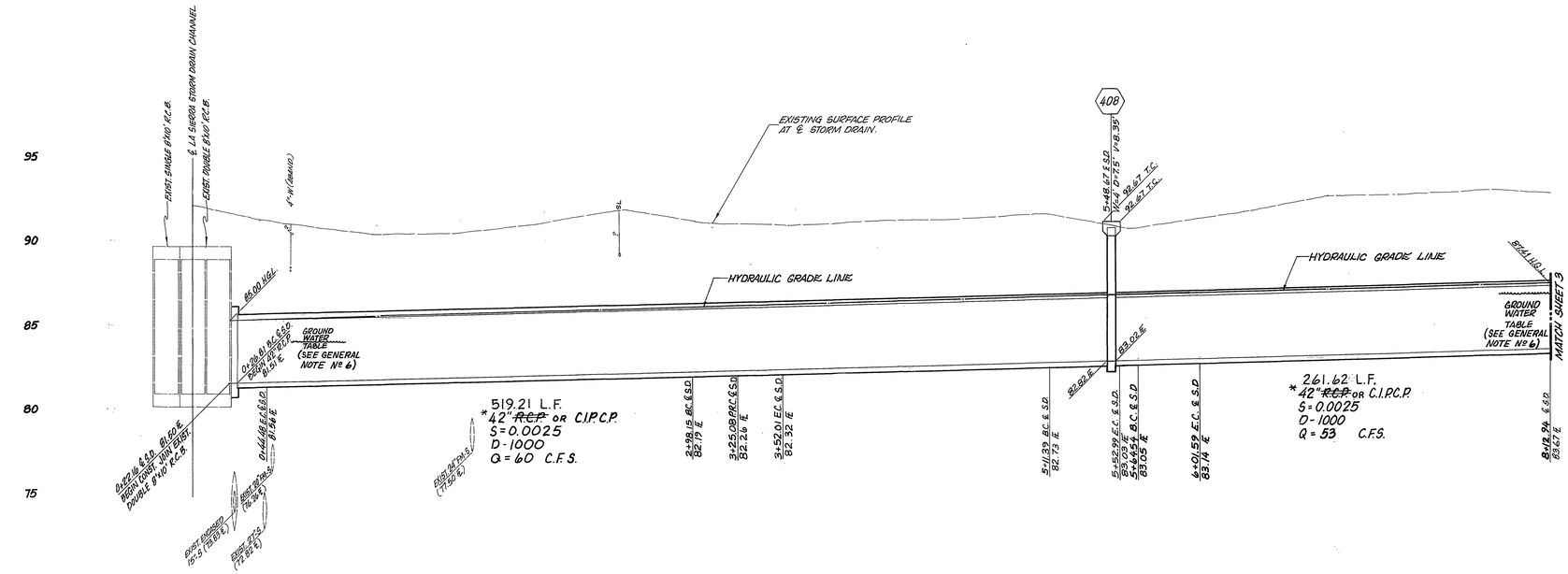
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT				
APPROVED BY	BY	DATE	APPROVED BY:	
PRINCIPAL ENGINEER	[illegible]	5/27/88	PUBLIC WORKS DIRECTOR	
PARK DEPARTMENT	—	—		
TRAFFIC DIVISION	[illegible]	10/24/83	DATE 6/6/88	
CHIEF R.W. ENGINEER	[illegible]	6-15		

PIERCE STREET STORM DRAIN
FROM LA SIERRA CHANNEL TO MAGNOLIA AVENUE AT MERCED DRIVE

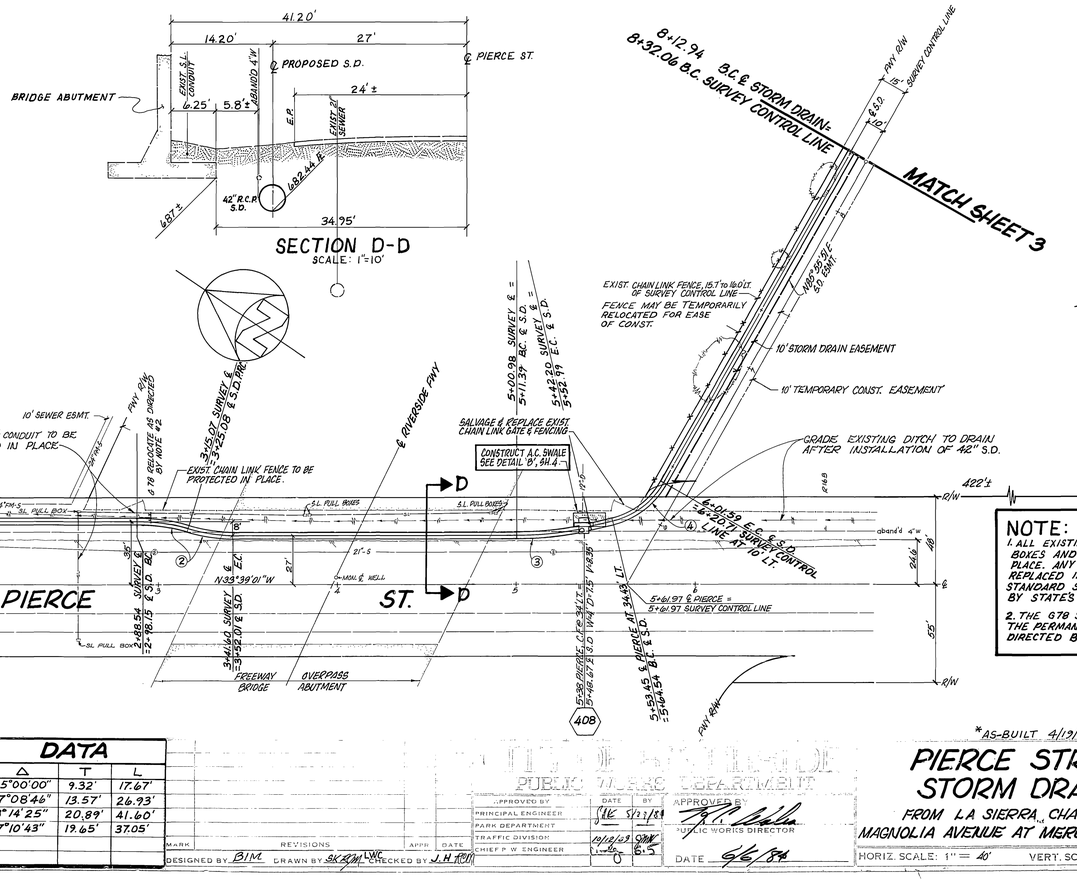
DESIGNED BY BIM DRAWN BY SK CHECKED BY J.H. R.C.E.

ACCOUNT No. 09-573-471
DRAWING NUMBER D-428
SHEET 1 OF 4

H-7 H-2



BENCH MARK - C.R.F.B. 1029/25
PK. NAIL IN N'LY CORNER OF EAST HEADWALL OF FLOOD CONTROL CHANNEL 300'N'LY OF FREEWAY OVERPASS AT PIERCE ST. ELEV. = 690.41



NOTE:
1. ALL EXISTING ELECTRICAL FACILITIES LIKE PULL BOXES AND CONDUITS SHALL BE PROTECTED IN PLACE. ANY DAMAGED FACILITIES SHALL BE REPLACED IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS AND AS DIRECTED BY STATE'S REPRESENTATIVE.
2. THE G78 SIGN MAY BE TEMPORARILY RELOCATED. THE PERMANENT LOCATION SHALL BE AS DIRECTED BY THE STATE'S REPRESENTATIVE.

CURVE DATA				
INDEX	R	Δ	T	L
①	22.50'	45°00'00"	9.32'	17.67'
②	90.00'	17°08'46"	13.57'	26.93'
③	180.00'	13°14'25"	20.89'	41.60'
④	45.00'	47°10'43"	19.65'	37.05'

MARK	REVISIONS	APPR.	DATE
1			
0			

DESIGNED BY BIM DRAWN BY SK RM LWC CHECKED BY J.H RM

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	5/23/84	
PARK DEPARTMENT		
TRAFFIC DIVISION	10/2/03	SRW
CHIEF P.W. ENGINEER	1-16-04	SRW

APPROVED BY: R. C. Wilson
PUBLIC WORKS DIRECTOR
DATE 6/6/84

*AS-BUILT 4/19/88 J.H.

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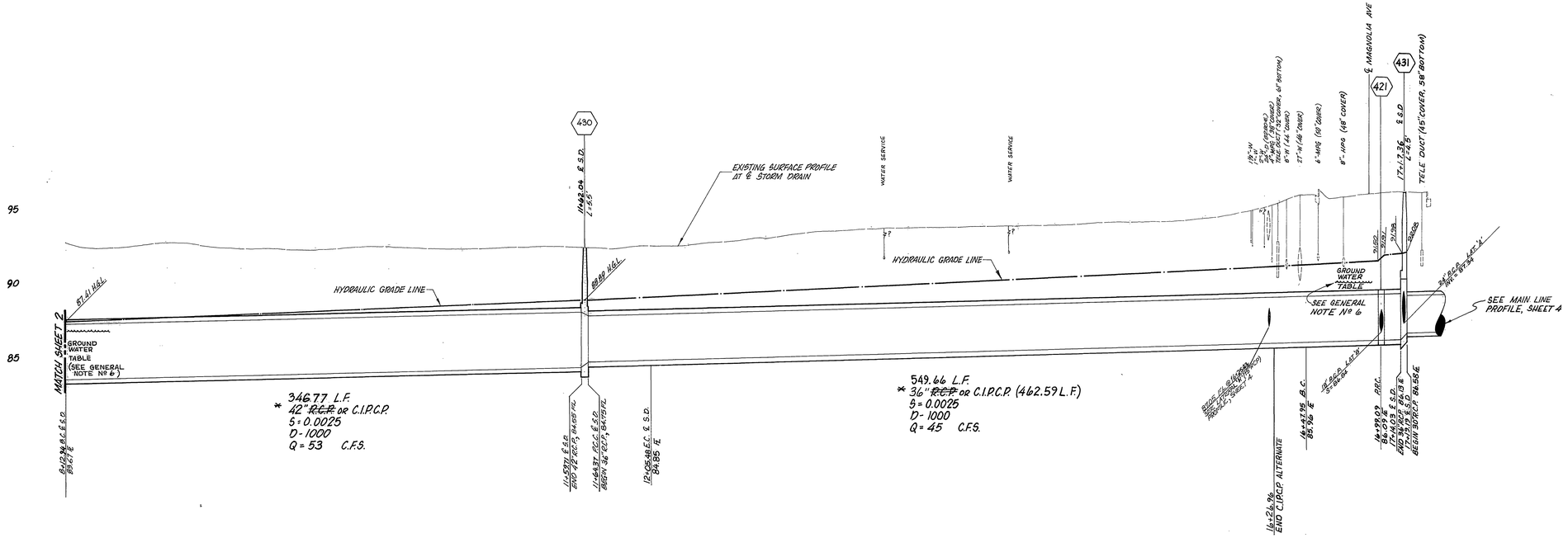
ACCOUNT NO. 09-573-471

PIERCE STREET STORM DRAIN
FROM LA SIERRA CHANNEL TO MAGNOLIA AVENUE AT MERCED DRIVE

D-428

SHEET 2 OF 4

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'



CURVE	Δ	R	T	L
②	8°04'13"	2495.00'	176.01'	351.43'
③	52°20'12"	45.00'	22.11'	41.11'
④	65°07'04"	45.00'	28.73'	51.14
⑤	21°51'00"	90.00'	22.40'	49.90'
⑥	20°04'36"	45.00'	7.97'	15.77
⑦	45°00'01"	45.00'	18.64'	35.34'
⑧	35°00'00"	22.50'	7.09	13.74'

*AS-BUILT 4/19/88 J.H.

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ACCOUNT NO. 09-573-471

PIERCE STREET STORM DRAIN

FROM L.A SIERRA CHANNEL TO MAGNOLIA AVENUE AT MERCED DRIVE

D-428

SHEET 3 OF 4

DESIGNED BY BIM DRAWN BY SK CHECKED BY J.H.

MARK	REVISIONS	BY	DATE

APPROVED

PRINCIPAL ENGINEER — DATE 5/26/84

PARK DEPARTMENT

TRAFFIC DIVISION

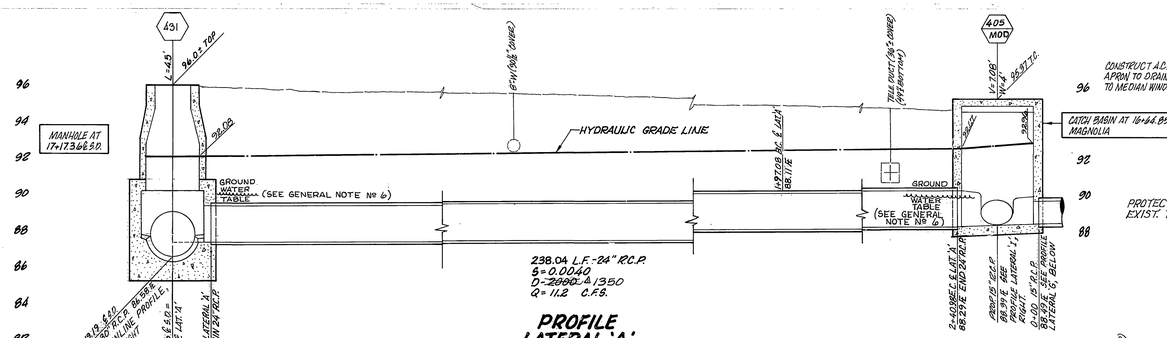
CHIEF ENGINEER — DATE 10/2/84

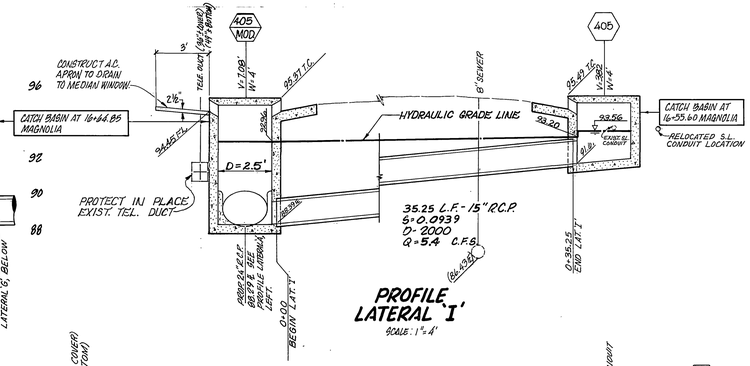
APPROVED

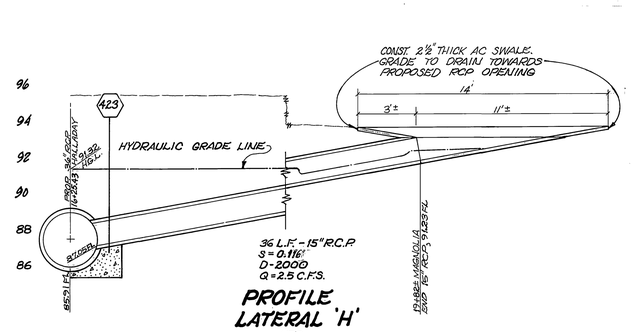
PUBLIC WORKS DIRECTOR

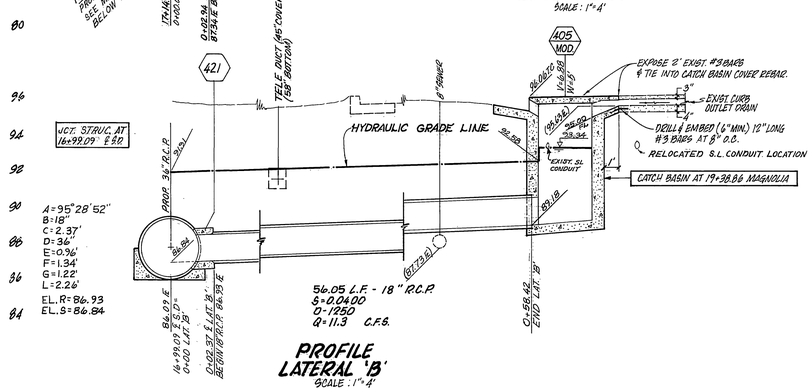
DATE 6/6/88

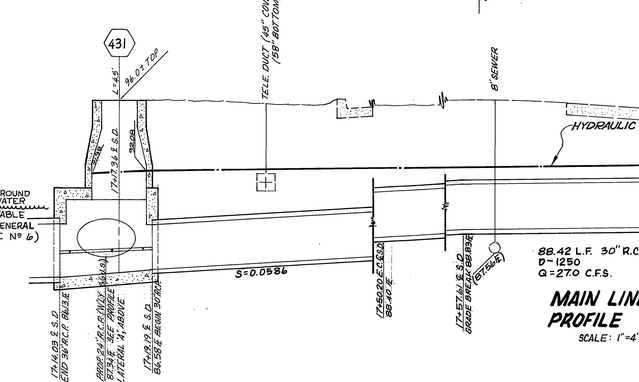
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

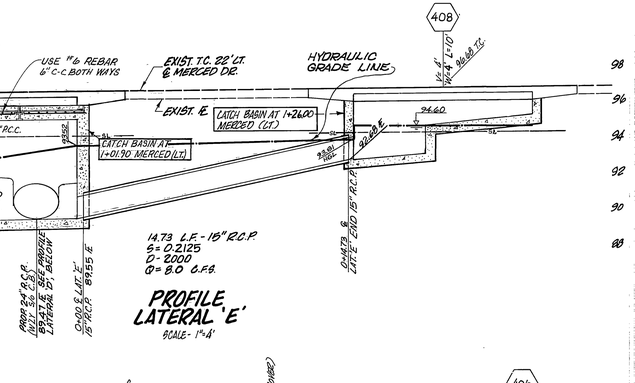


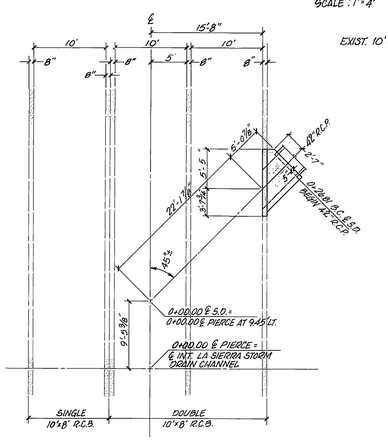


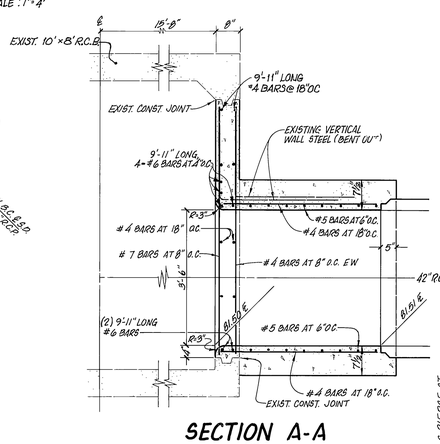


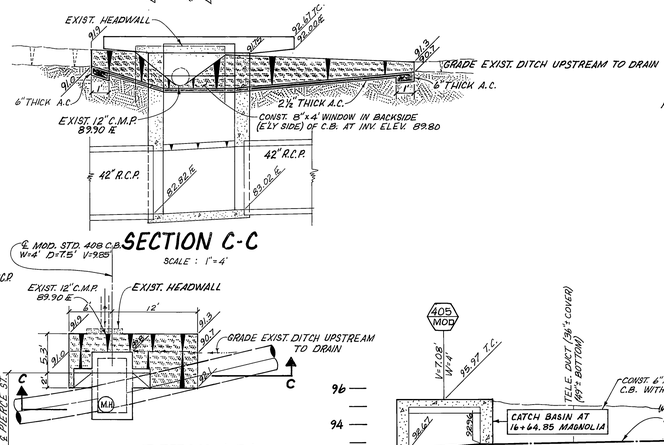


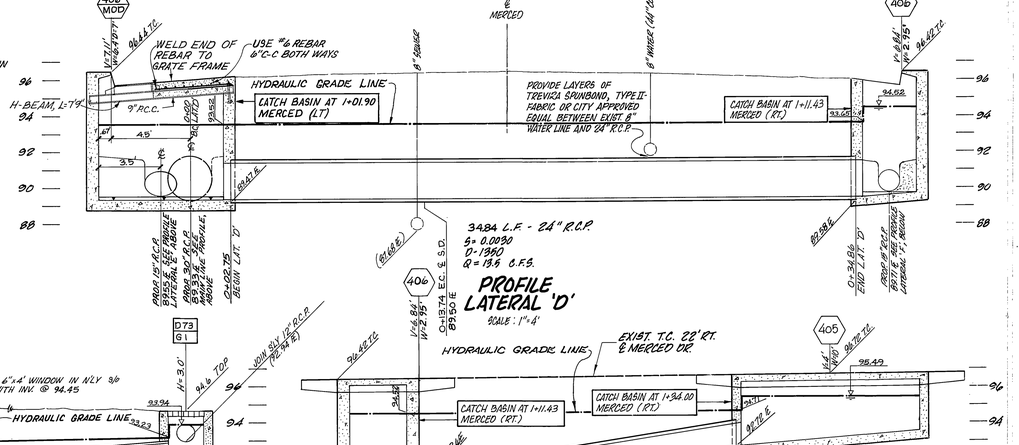


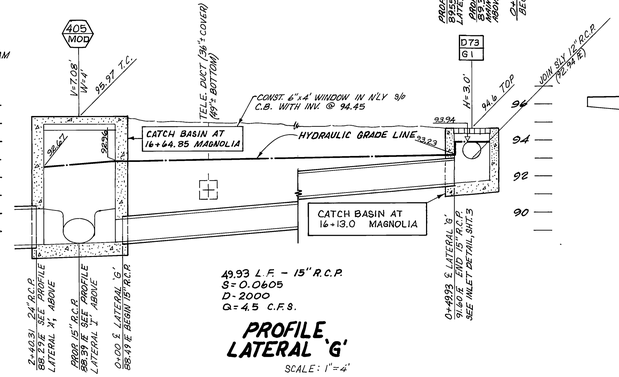


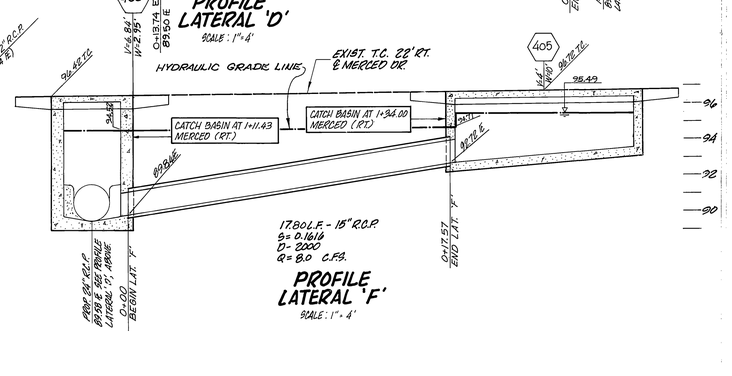


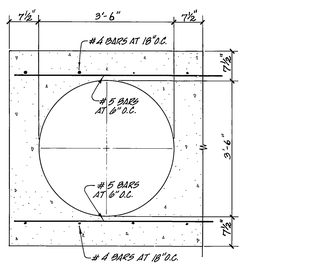


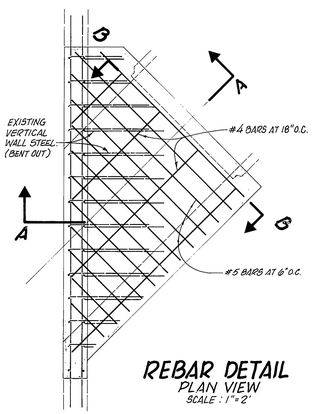


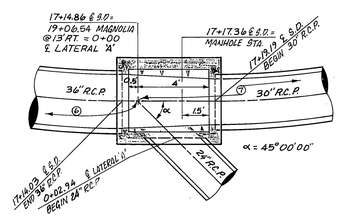












⚠ PROFILE LATERAL 'A' CHG D-2000 to D-1350 JWK 7/11/84

*AS BUILT 4/19/88 J.H.

PIERCE STREET STORM DRAIN

LA SIERRA STORM DRAIN CHANNEL TO HALLADAY AVENUE - MERCED DRIVE

INDEX NO 09-573-471

D-428

4 4

DESIGNED BY BJM DRAWN BY SK LMC CHECKED BY J.H. KOH

SK 5/23/84 — 10/12/83 GMK — 6/6/84

HORIZ. SCALE AS SHOWN VERT. SCALE AS SHOWN