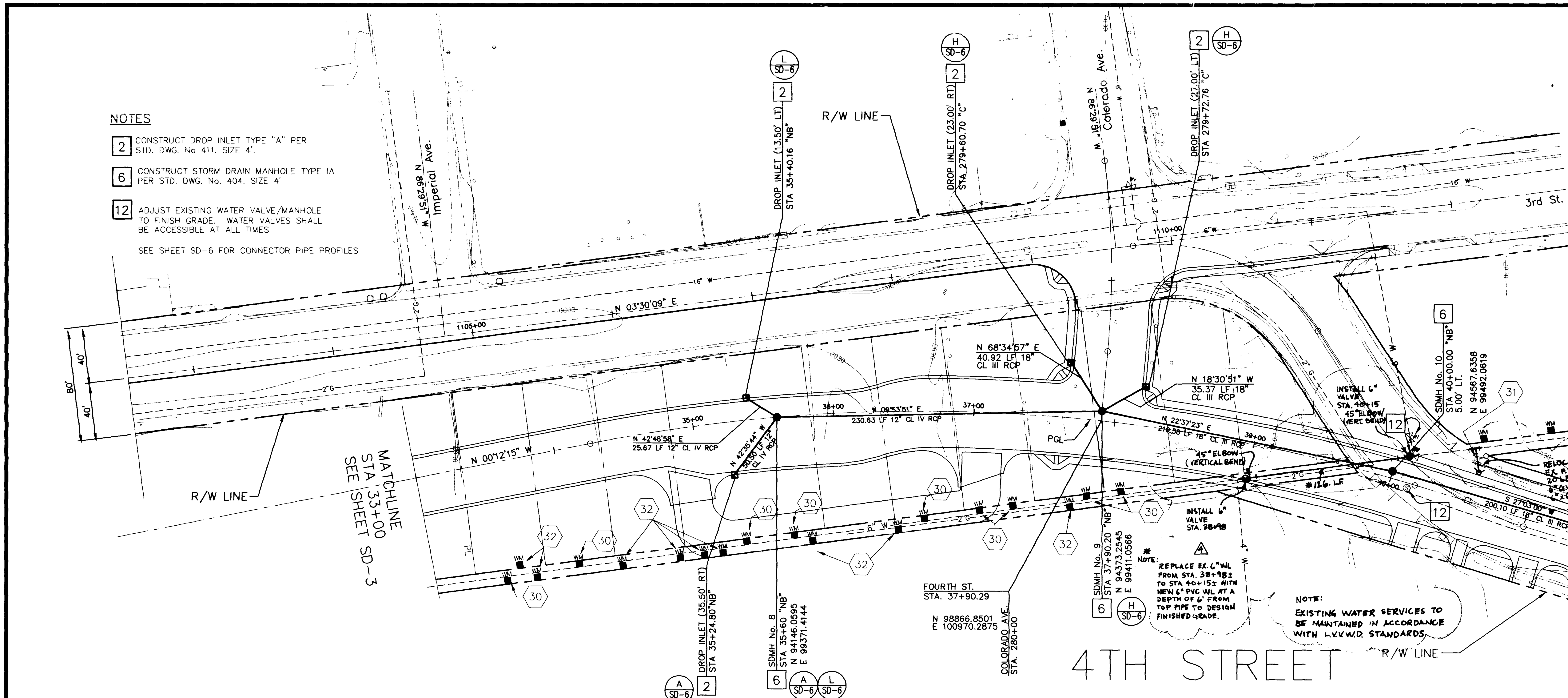
NOTES

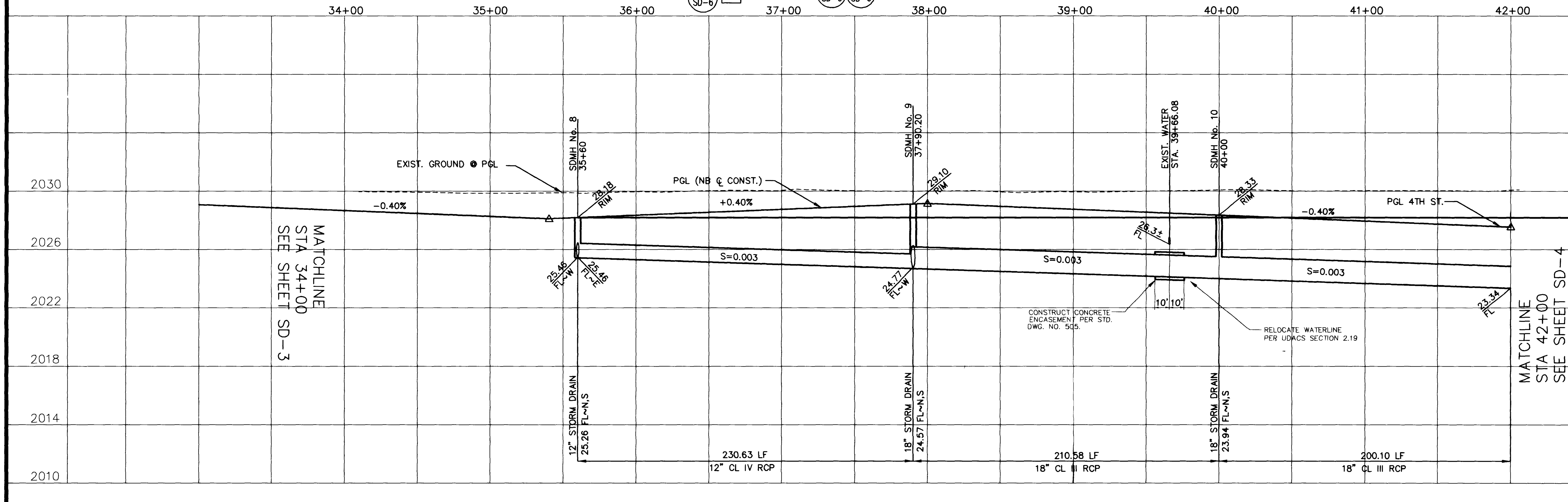
2 — CONSTRUCT DROP INLET TYPE "A" PER STD. DWG. No 411, SIZE 4'.

6 — CONSTRUCT STORM DRAIN MANHOLE TYPE IA PER STD. DWG. No. 404. SIZE 4'

12 — ADJUST EXISTING WATER VALVE/MANHOLE TO FINISH GRADE. WATER VALVES SHALL BE ACCESSIBLE AT ALL TIMES

SEE SHEET SD-6 FOR CONNECTOR PIPE PROFILES





30 — ABANDONMENT OF EXISTING SERVICES – 2" AND SMALLER

The Contractor shall notify the Inspection Division of the LVVWD (702–258–3227) 48 hours prior to the requested removal time to allow the District to take the final meter reading of the meter. After the final reading the Contractor may then begin removal procedures for the affected service as follows:
Existing service laterals that are to be abandoned from the water main, shall have the corporation stop turned off at the main the lateral cut 6" downstream from the corporation stop and cut again 6" downstream from the first cut such that a 6" piece of the existing service lateral is removed. If the corporation stop is damaged beyond repair or pulled from the existing water main, the main shall be repaired at the Contractor's expense, in a manner approved by the LVVWD. If the corporation stop is not water tight, the Contractor shall notify LVVWD Communication Support Center (702–258–7171) for further direction. The Contractor shall remove the existing service meter box and appurtenances. Fill and grade any and all resulting voids and replace or restore to original conditions or better, all landscaping, irrigation systems. concrete, sidewalks, asphalt or any other items damaged or removed during the removal of the existing service meter box.

31 — RELOCATION OF FIRE HYDRANTS

(Extension of Existing Lateral)
The Contractor shall remove and relocate both the upper and lower barrels of the existing fire hydrant(s) where shown, extend the existing lateral as required, and reinstall such hydrant(s) at the new location(s) indicated. Relocations where the lateral cannot be extended shall be treated as new installations.

FIRE HYDRANT AND LATERAL ABANDONMENT
(Existing Lateral to be Abandoned).

Where shown on the drawing(s), the Contractor shall abandon the existing fire hydrants(s) by removing both the upper and lower barrels of the fire hydrant so that no portion of the remaining fire hydrant assembly is closer than two (2) feet to the existing grade. The existing hydrant shall be delivered to the District. The existing valve shall be abandoned in a closed position and a minimum of the top 12 inches of the valve box removed. The remaining portion of the valve box shall be filled with concrete having a compressive strength of at least 2,000 psi. The lateral shall be cut and capped where indicated. Where a joint or coupling in the existing pipe is uncovered at the cut and cap location, the installation of a plug may be permitted, with the District approval. A concrete thrust block shall be installed at all cut and cap locations in accordance with the provisions of UDACS Plate No. 5. The existing concrete fire hydrant pad shall be removed.

32 — RECONNECT SERVICE LATERALS 2" AND SMALLER

All service laterals 2" and smaller that are cut or damaged may be reconnected, provided the following criteria are met:
1) If the lateral is copper, the lateral may be cut and spliced not more than once in a manner approved by the District.
2) If the lateral is NOT copper, the lateral must be abandoned from the existing water main, have the corporation stop turned off at the main, and the lateral cut 6" downstream from the corporation stop and cut again 6" downstream from the first cut such that a 6" piece of the existing service lateral is removed. If the corporation stop is damged beyond repair or pulled from the existing water main, the main shall be repaired at the Contractor's expense, in a manner approved by the LVVWD. If the corporation stop is not water tight, the Contractor shall notify LVVWD Communication Support Center (702–258–7171) for further direction.

The contractor shall install a new service of like size adjacent to the damaged service in accordance with UDACS Plate No. 1B.

EXTEND SERVICE LATERALS 2" AND SMALLER

Water meters in finished roadways shall be relocated to back of curb and shall be installed per the UDACS Plate No. 1B.
All service laterals 2" and smaller may be extended, provided the following criteria are met:
1) Lateral can only be extended if connecting to copper.
2) Lateral must be installed at 90 degrees to the main.
3) An existing service lateral that is not copper and is to be abandoned from the existing water main, shall have the corporation stop turned off at the main, the lateral cut 6" downstream from the corporation stop and cut again 6" downstream from the first cut such that a 6" piece of the existing service lateral is removed. If the corporation stop is damaged beyond repair or pulled from the existing water main, the main shall be repaired at the Contractor's expense, in a manner approved by the LVVWD. If the corporation stop is not water tight, the Contractor shall notify LVVWD Communication Support Center (702–258–7171) for further direction.

All meter boxes in areas subject to point loading (drivewas, parking lots, alley ways, etc.) shall be pre–approved, traffic bearing, 1" typical meter boxes. Refer to the LVVWD Pre–Approved Products Listing.

LAS VEGAS VALLEY WATER DISTRICT — DATE 1-12-97

APPROVED FOR CONSTRUCTION

NO.	REVISIONS	DATE	BY
3	REVISION TO 1: BEGINNING AND ENDING STATIONS TO BE 38+98 TO 40+15 RESPECTIVELY (126 LF 6" WL)	1-2-97	ESM
2	RELOCATE EXISTING FIREHYDRANT AS SHOWN.	12-13-96	ESM
1	EXISTING 6" WATER LINE FROM STA. 38+83 TO 40+68 (250 LF WL) LOWERED TO AVOID CONFLICT WITH GRADES AND PROPOSED 18" STORMDRAIN.	12-13-96	ESM

PENTACORE
CIVIL ENGINEERING • LAND SURVEYING • PLANNING
CONSTRUCTION MANAGEMENT • ADA CONSULTING
6763 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)258-0115

DESIGNED BY JVD
DRAWN BY BCJ
CHECKED BY MRW
NOTE BOOK NO.

DOWNTOWN CORRIDOR IMPROVEMENTS
CITY OF LAS VEGAS DEPT. OF PUBLIC WORKS
LAS VEGAS, NEVADA

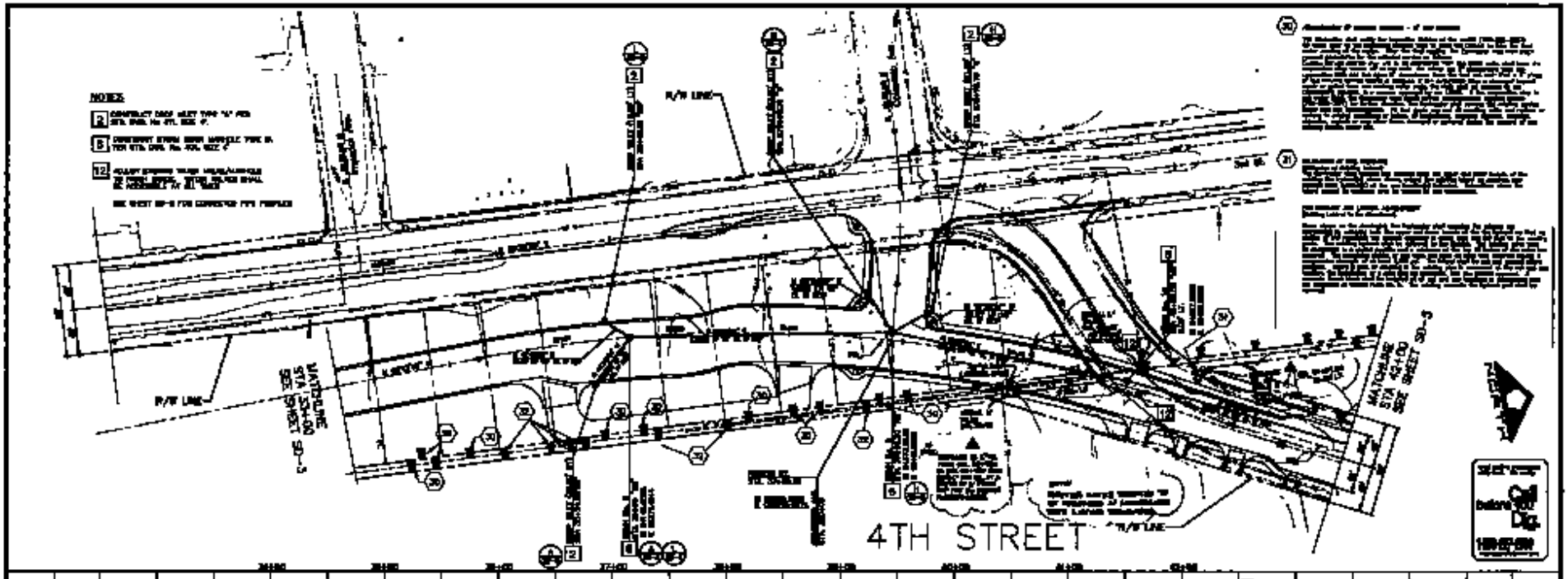
DATE 2/26/96

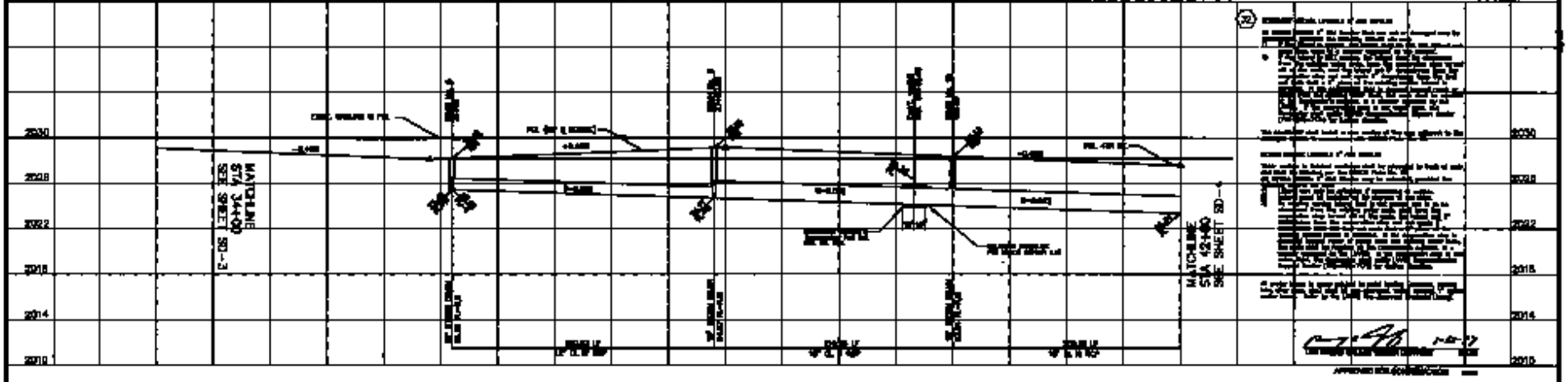
SCALE
H 1"=40'
V 1"=4'

STORM DRAIN PLAN & PROFILE STA.33+00 TO STA.42+00

DWG. NO. 107-V-2288B
FILE NO. 0135.0105
SHEET 23 of 46
SD-4

245





PENTACORE

DESIGNED BY JMO
DRAWN BY BCJ
CHECKED BY MRV

DOWNTOWN CORRIDOR IMPROVEMENTS
CITY OF LAS VEGAS DEPT. OF PUBLIC WORKS
LAS VEGAS, NEVADA

DATE 2/28/96

STORM DRAIN
PLAN & PROFILE
STA.33+00 TO STA.42+00

SD-4