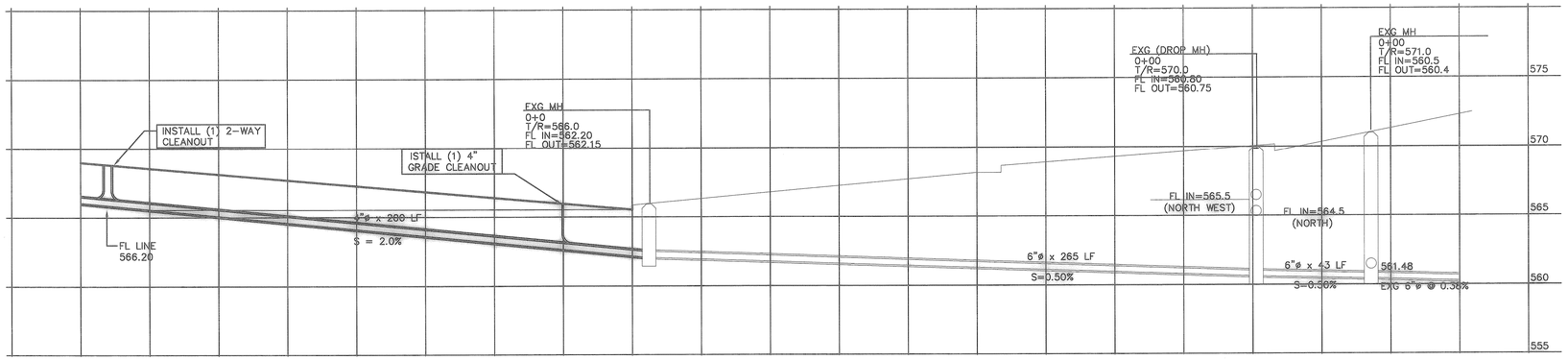
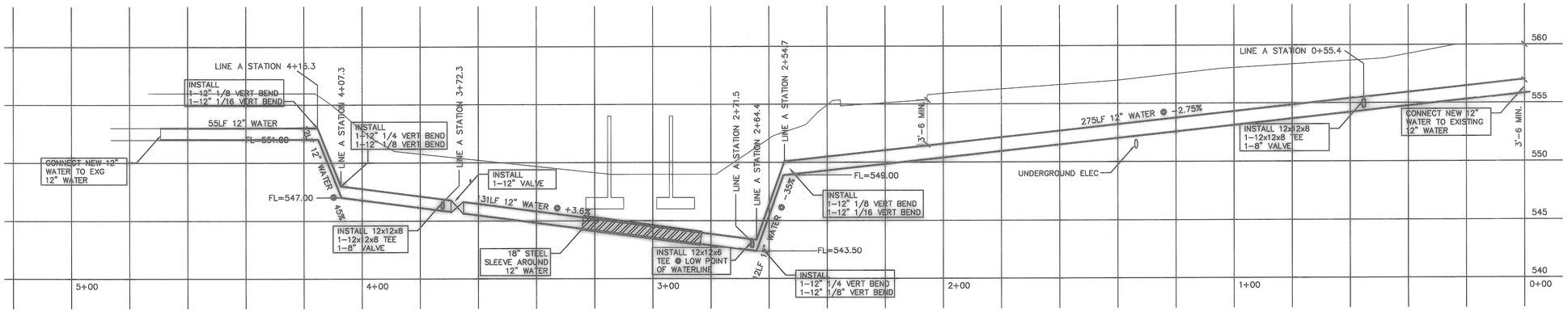



"LN-A" SANITARY SEWER (PRIVATE)

SCALE: 1 VERTICAL = 1'-0", 1" = 40'-0" HORIZONTAL

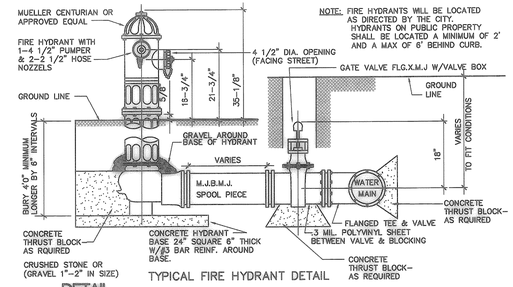



"LN-A" 12" WATER MAIN

SCALE: 1 VERTICAL = 5'-0", 1" = 20'-0" HORIZONTAL

## NOTES:

KEYED NOTES DESIGNATED BY: ◯



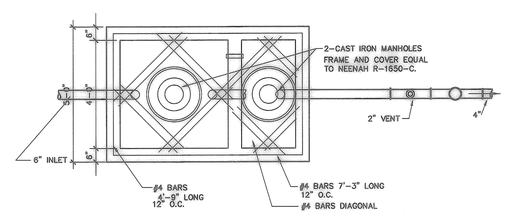

NOTE: FIRE HYDRANTS WILL BE LOCATED AS DIRECTED BY THE CITY. HYDRANTS ON PUBLIC PROPERTY SHALL BE LOCATED A MINIMUM OF 2' AND A MAX OF 6' BEHIND CURB.

TYPICAL FIRE HYDRANT DETAIL

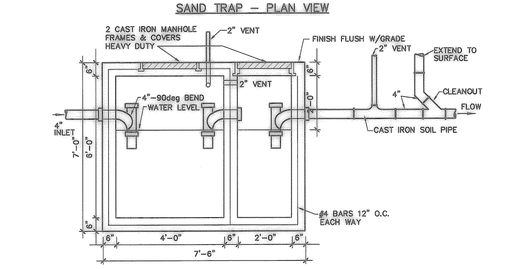
## DETAIL

SP029

SCHEMATIC ONLY




SAND TRAP - PLAN VIEW




SAND TRAP - CUTAWAY ELEVATION

## DETAIL

SP010

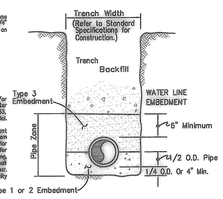
SCALE: 1/2" = 1'-0"

CRUSHED LIMESTONE, TYPE 1, EMBEDMENT: Crushed limestone shall consist of durable particles of crushed stone ranging in size from 3/8" to 1/4" with percent of wear not exceeding 35%. The gradation based on ASTM D448 size 57 use as follows:

| Sieve Size | % By Weight Passing |
|---|---|
| 1" | 100 |
| 3/4" | 90 - 100 |
| 3/8" | 35 - 55 |
| No.4 | 0 - 10 |
| No.8 | 0 - 3 |

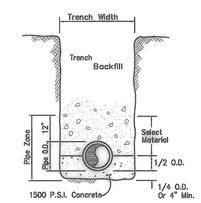
GRAVEL, TYPE 2, EMBEDMENT: Gravel for embedment and/or encasement shall be washed gravel ranging in size from 3/4" diameter to 1/4 inch diameter meeting the requirements of ASTM designation C33, Gradation 67. The material shall be free from clay and organic materials.

GRANULAR, TYPE 3, EMBEDMENT: Pit run granular embedment material shall be free flowing sand or mixed sand and pea gravel free from large stones, clay and organic material. The material may be an inferior grade of pit run or bleer sand not normally considered satisfactory for concrete aggregate and may be used directly from pits without processing, provided it complies with the qualities described herein. The material shall be such that when wet it will not form a mud ball or tend to stick together. The material shall have 100% passing one inch (1") sieve and the predominy bulk of that part passing this sieve is obtained from the City.

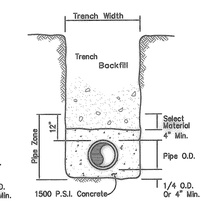



PROVIDE TYPE 1 OR 2 AROUND SEWER LINES WITH SELECT MATERIAL ABOVE ROCK.

SEWER PIPE EMBEDMENT DETAIL




CONCRETE CRADLE




CONCRETE ENCASEMENT

## PIPE INSTALLATION DETAILS

NOT TO SCALE

RECORD DOCUMENTS

STATE OF TEXAS
S.P. DAUGHTRY
60172
REGISTERED PROFESSIONAL ENGINEER
P.E. 01

ALLIED ASSOCIATES CONSULTING ENGINEERS
STRUCTURAL • MECHANICAL • ELECTRICAL
2505 74th ST., LUBBOCK, TX 79423 (806) 765-1163

Architectural Resources

PROPOSED
DODGE
CAR DEALERSHIP
ROCKWALL TEXAS

| | |
|---|---|
| PROJECT NO. | F99- |
| DATE : | 03/13/00 |
| REVISIONS : | |
| DATE : | 11/08/00 |
| RECORD DOCUMENTS: | 12/17/01 |

SHEET NO.
10

W:\dodge gar\ENGINEERING\SH-10.DWG Tue Dec 18 11:26:54 2001 STATION-11