

SANITARY SEWER IMPROVEMENTS STONEBOROUGH ADDITION

LATERAL 325, S.W.I.

PROJECT NUMBER 468-76-245-82327-000-000-001

INDEX CODE: 741587

GENERAL NOTES

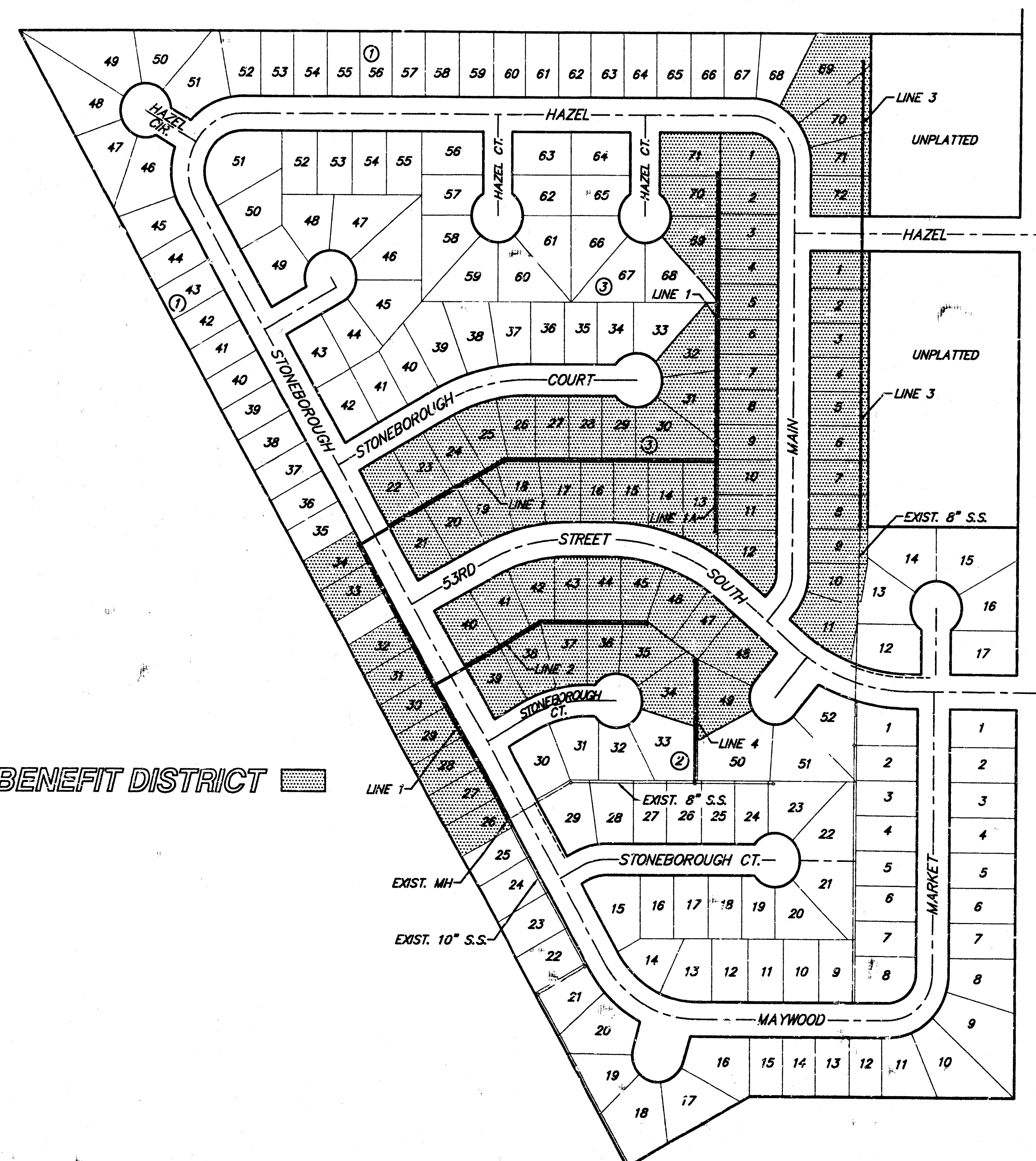
- Traffic generated outside the project area and local business or residential traffic generated within the project area are to be carried through construction.
- Underground utility service lines and overhead utility pole lines are to be adjusted by others if necessary prior to construction unless the plans specifically call for their adjustment by the Contractor or by their owner. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agricultural permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project, a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are disturbed by his construction operations. Such irons shall be re-established by a licensed Land Surveyor in accordance with state laws.
- The Contractor shall contact all affected utility companies concerning the relocation of utility lines as per the plans.
- Contractor will be required to provide a minimum notice of twenty-four (24) hours to utility companies prior to starting any excavation as follows:

Kansas One-Call 687-2470

The Contractor must notify the following before construction and in case of an emergency:

K.P. & L. Gas Service Company 263-7511
Kansas Gas & Electric 264-1141
Arkla Gas Company 442-5350 or 263-8161
Southwestern Bell Telephone Company 1-571-2611
Cablevision 262-4270 or 263-2081
City of Wichita Water Department 268-4908
City of Wichita Sewer Maintenance 268-4071
- Utility easements along the route of this sewer shall be graded to the elevation shown on the plan/profile sheets, per City Specifications.

BENEFIT DISTRICT

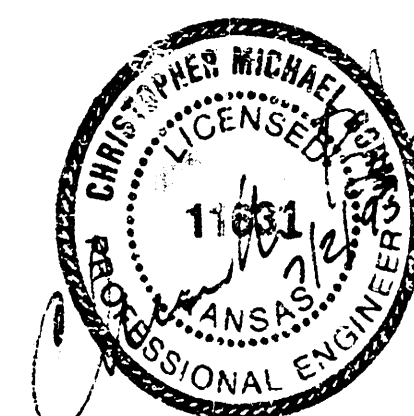


CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK - CITY ENGINEER

INDEX OF SHEETS

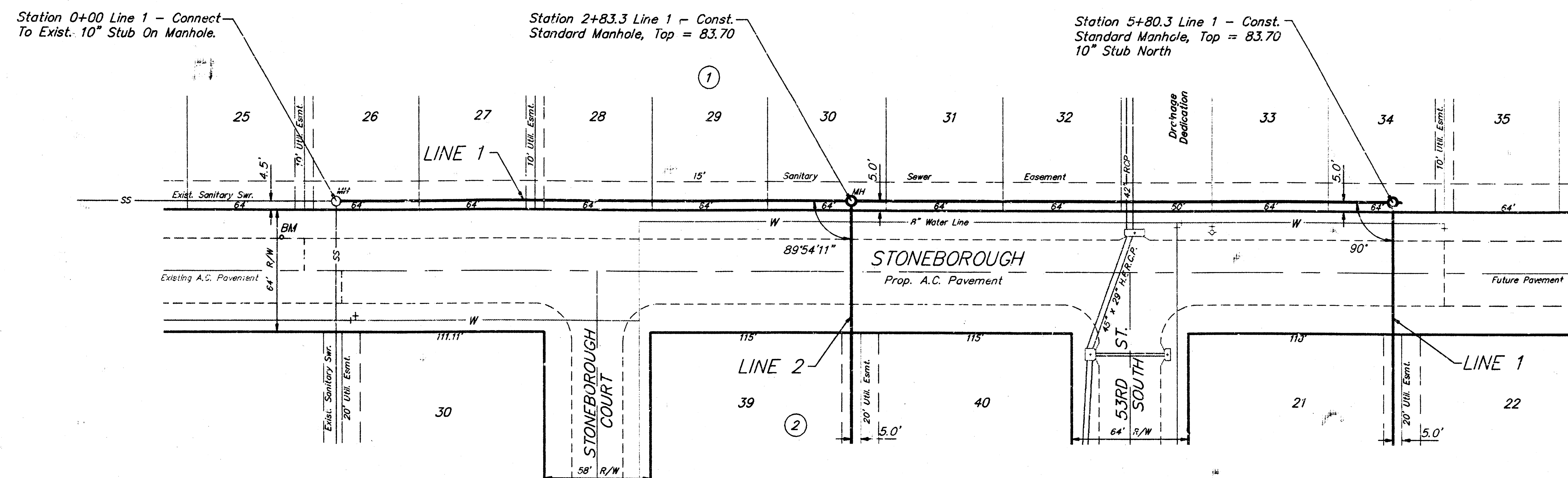
- TITLE SHEET
- LINE 1
- LINE 1
- LINE 1
- LINE 3
- LINE 2 AND LINE 4
- STANDARD MANHOLE DETAIL
- PLAT OF STONEBOROUGH ADDITION

Booked 1/2-2-93
As Per Plan

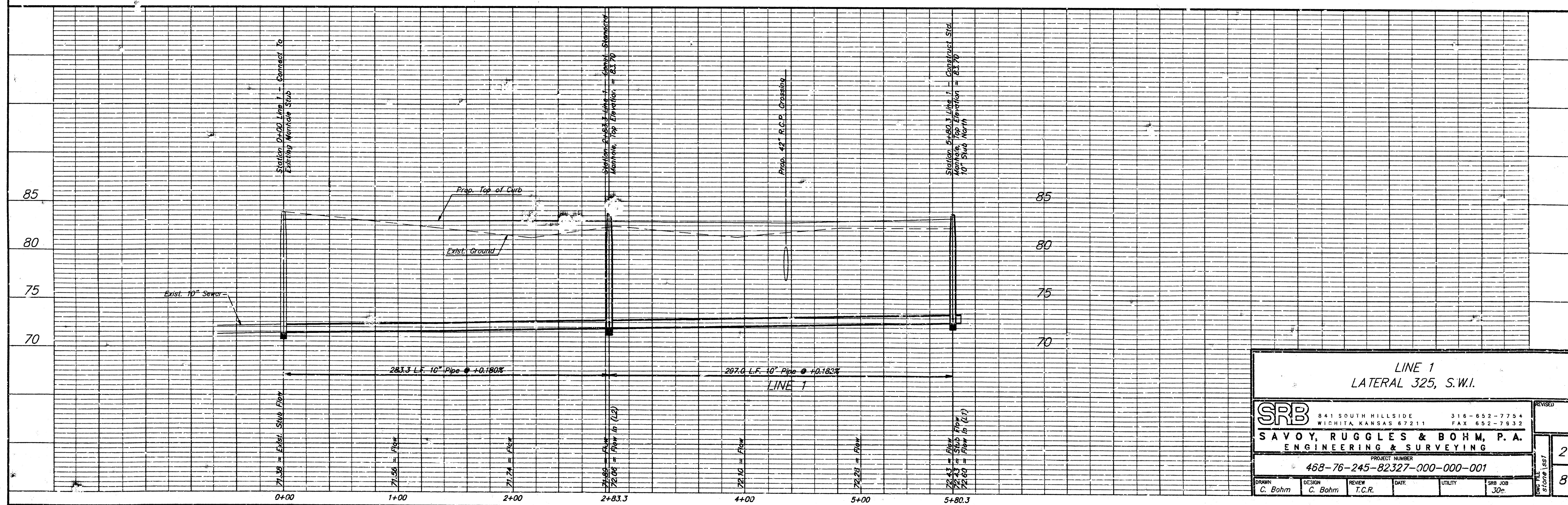


SRB 841 SOUTH HILLSIDE 316-682-7784
WICHITA, KANSAS 67211 FAX 316-682-7932
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

BENCH MARK: Square cut in top of curb, located 10' south and 14.5' east of the S.E. Corner of Lot 26, Block 1, Stoneborough Addition
Elevation = 83.16 City Datum



Scale: 1" = 40' Plan
 1" = 5' Profile (Vert.)
 o = Iron

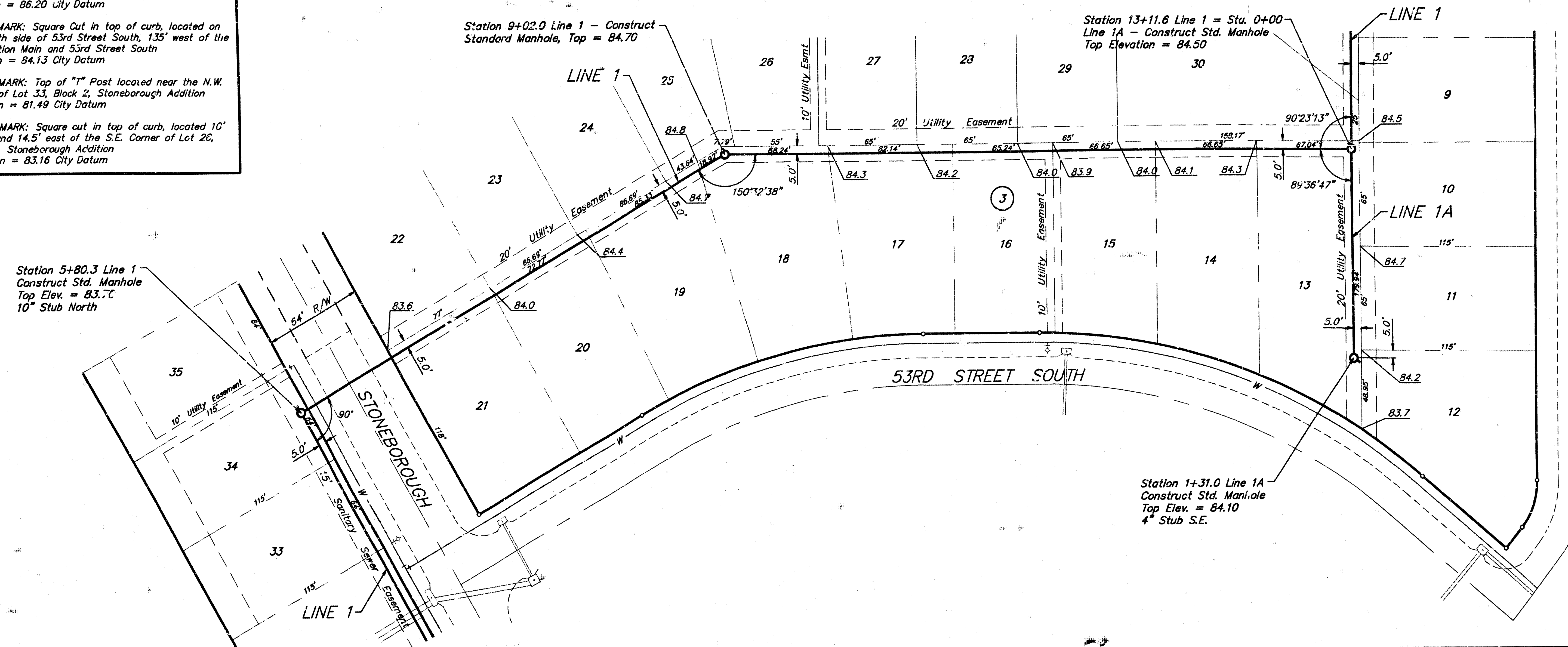


BENCH MARK: R.R. Spike in H.L.P. located at the N.E. Corner of Lot 15, Block 4, Stoneborough Addition
Elevation = 86.20 City Datum

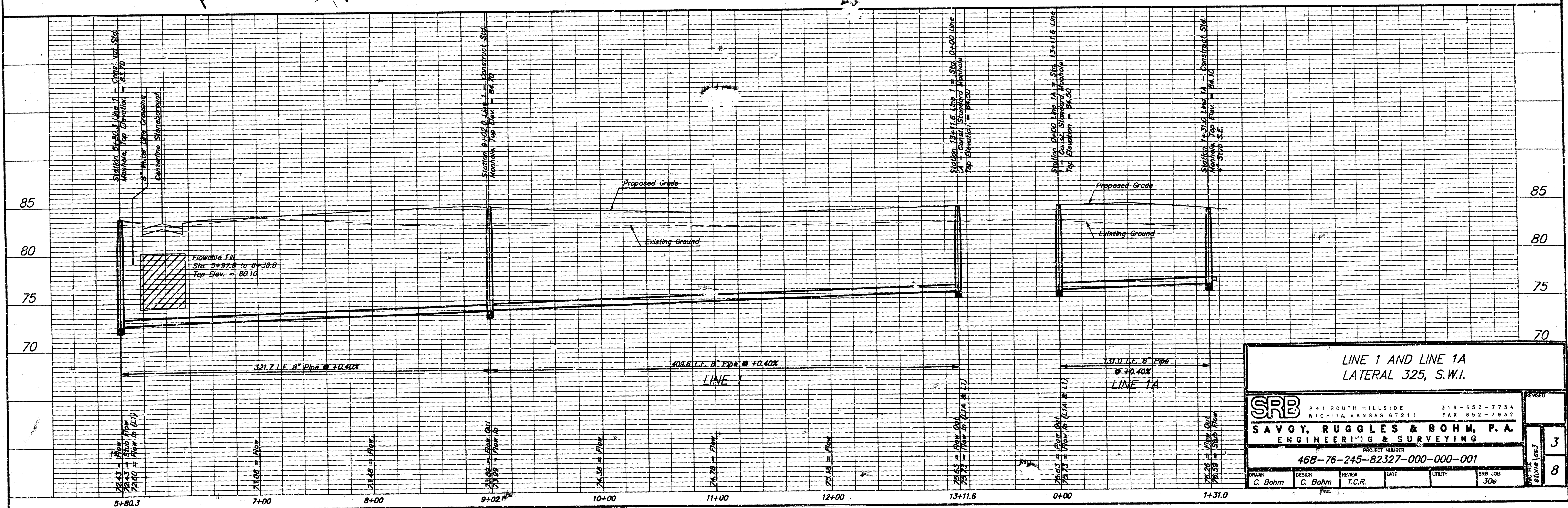
BENCH MARK: Square Cut in top of curb, located on the south side of 53rd Street South, 135' west of the intersection Main and 53rd Street South
Elevation = 84.13 City Datum

BENCH MARK: Top of "T" Post located near the N.W. Corner of Lot 33, Block 2, Stoneborough Addition
Elevation = 81.49 City Datum

BENCH MARK: Square cut in top of curb, located 10' south and 14.5' east of the S.E. Corner of Lot 26, Block 1, Stoneborough Addition
Elevation = 83.16 City Datum



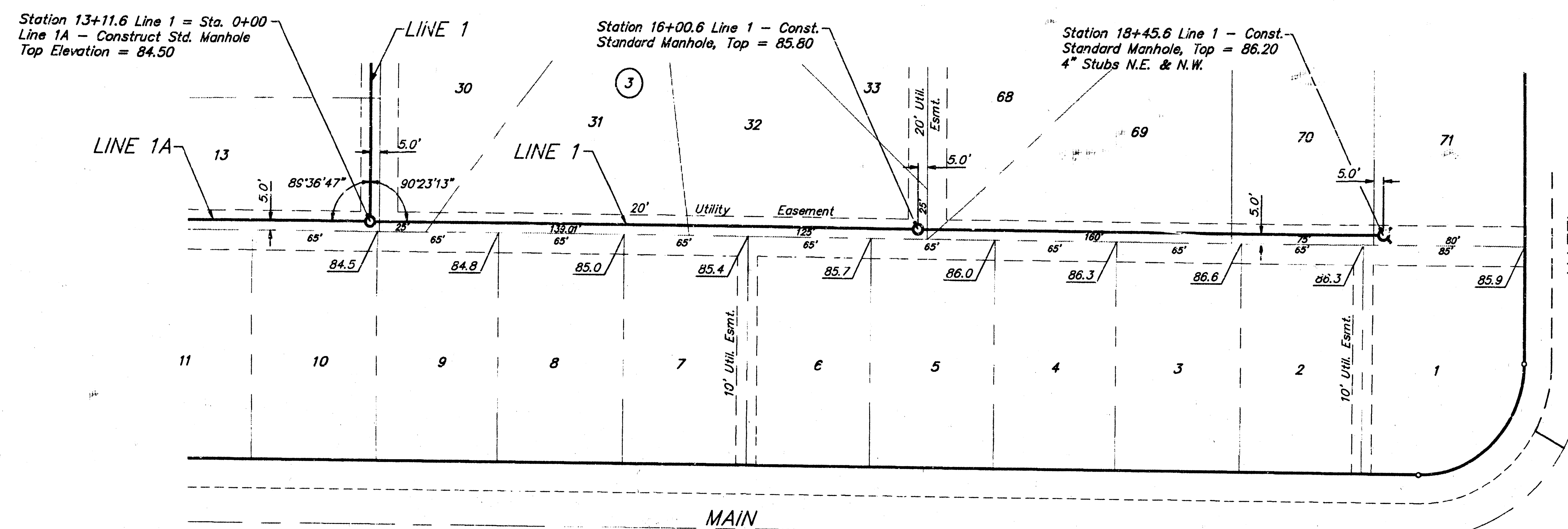
Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron



LINE 1 AND LINE 1A LATERAL 325, S.W.I.			
SRB SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING			
PROJECT NUMBER 468-76-245-82327-000-000-001			
DRAWN C. Bohm	DESIGN C. Bohm	REVIEW T.C.R.	DATE 30e
PROJECT NUMBER 468-76-245-82327-000-000-001			SRB JOB 30e



Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron

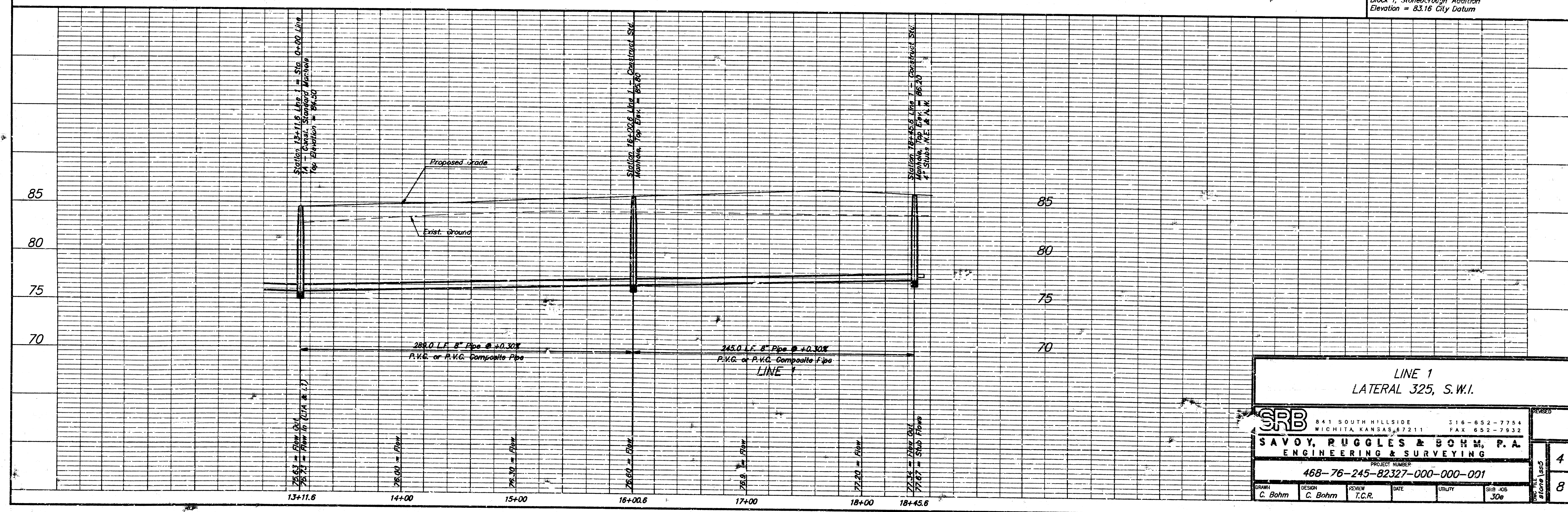


BENCH MARK: R.R. Spike in H.L.P. located at the N.E. Corner of Lot 15, Block 4, Stoneborough Addition
Elevation = 86.20 City Datum

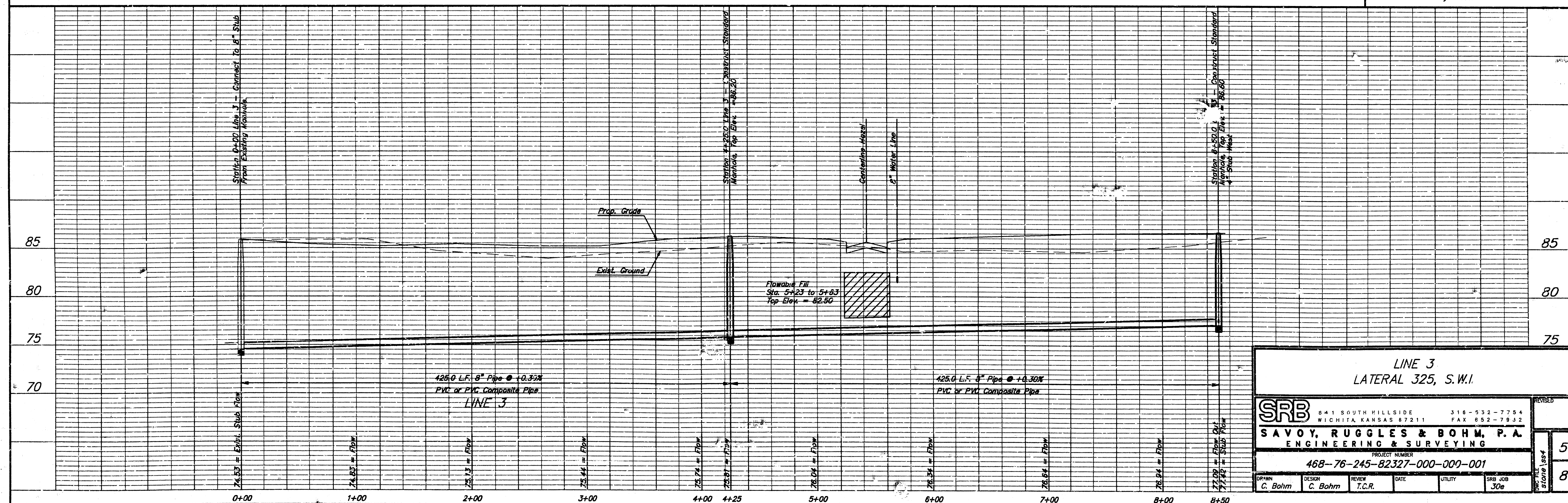
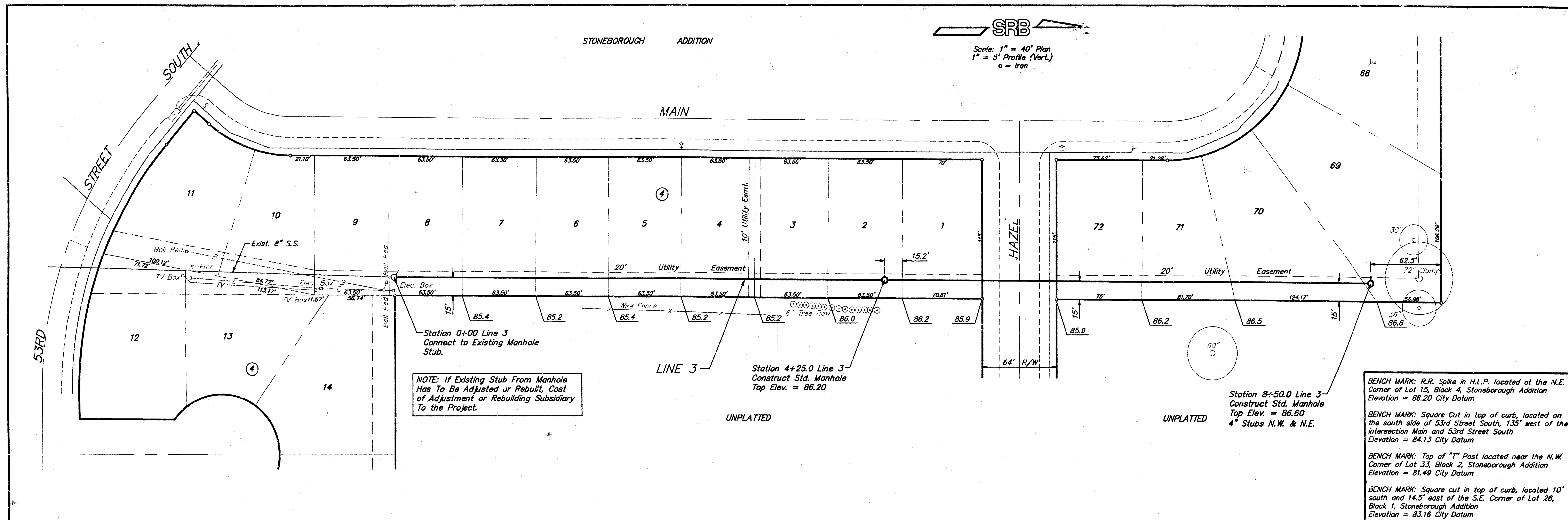
BENCH MARK: Square Cut in top of curb, located on the south side of 53rd Street South, 135' west of the intersection Main and 53rd Street South
Elevation = 84.13 City Datum

BENCH MARK: Top of "T" Post located near the S.W. Corner of Lot 33, Block 2, Stoneborough Addition
Elevation = 81.49 City Datum

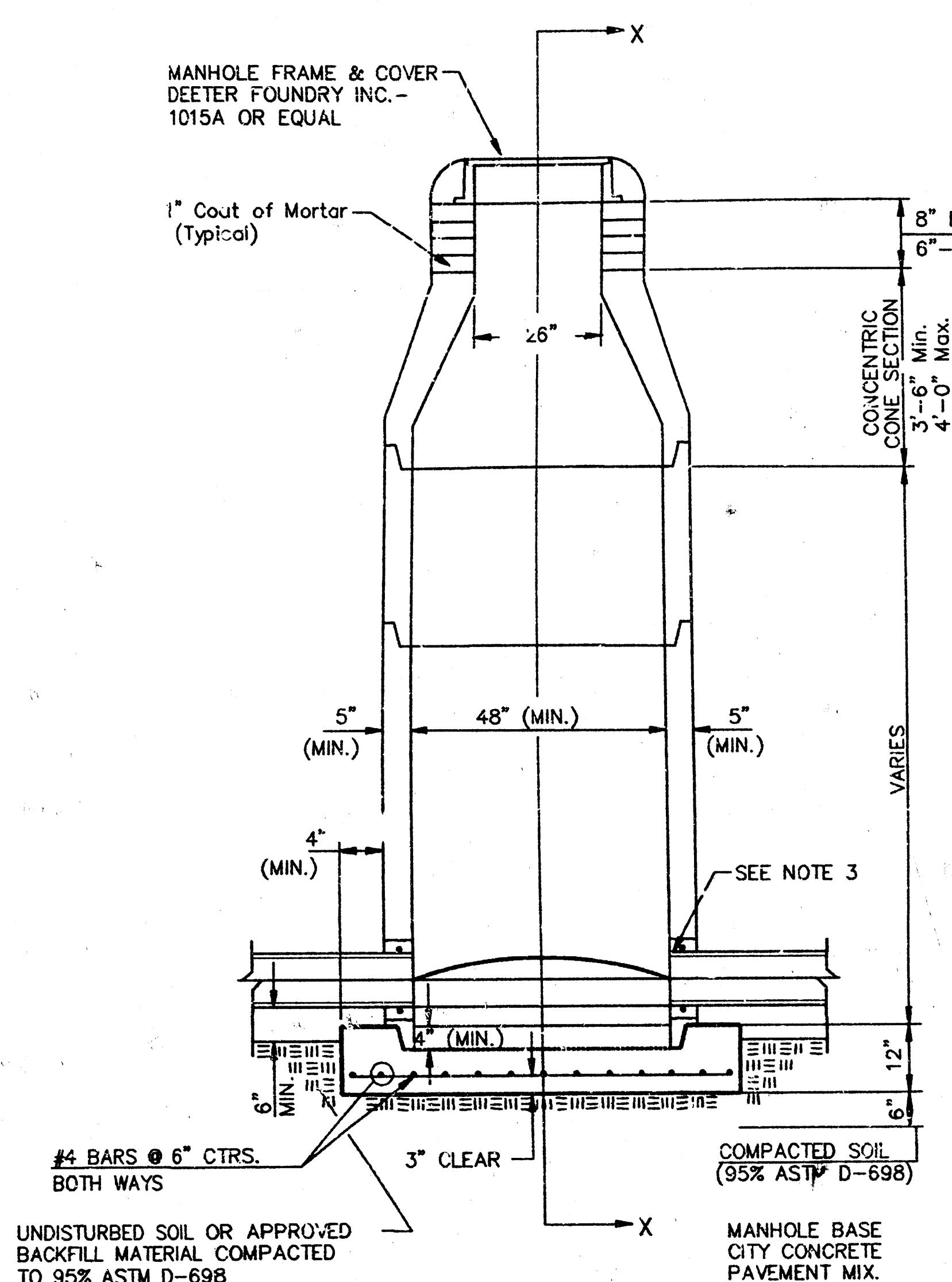
BENCH MARK: Square cut in top of curb, located 10' south and 14.5' east of the S.E. Corner of Lot 26, Block 1, Stoneborough Addition
Elevation = 83.16 City Datum



LINE 1 LATERAL 325, S.W.I.					
SRB					
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING					
PROJECT NUMBER: 468-76-245-82327-000-000-001					
DRAWN C. Bohm	DESIGN C. Bohm	REVIEW T.C.R.	DATE	UTILITY	SRB JOB 30e
					4 8



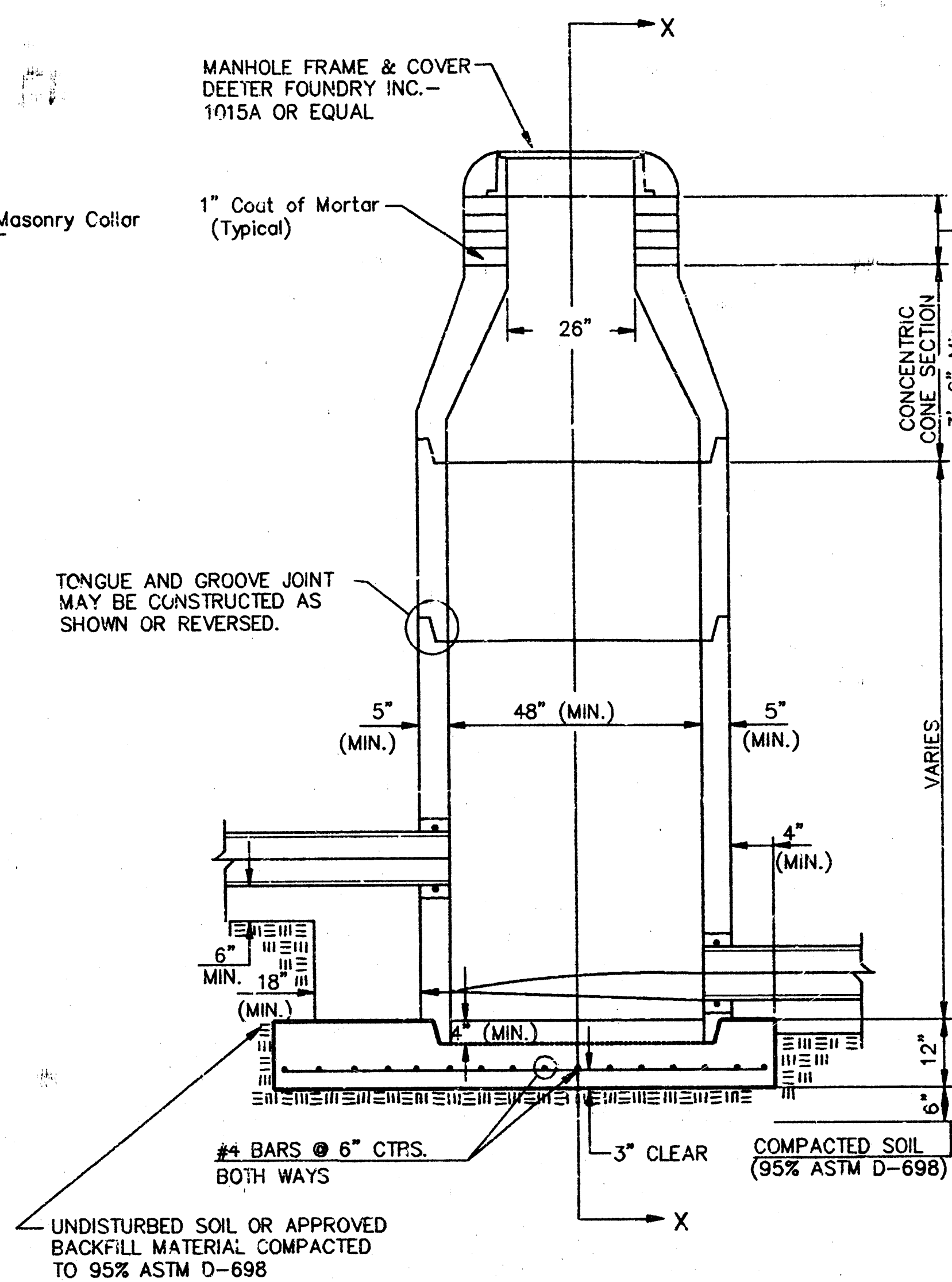
SEWER APPURTENANCES DETAILS



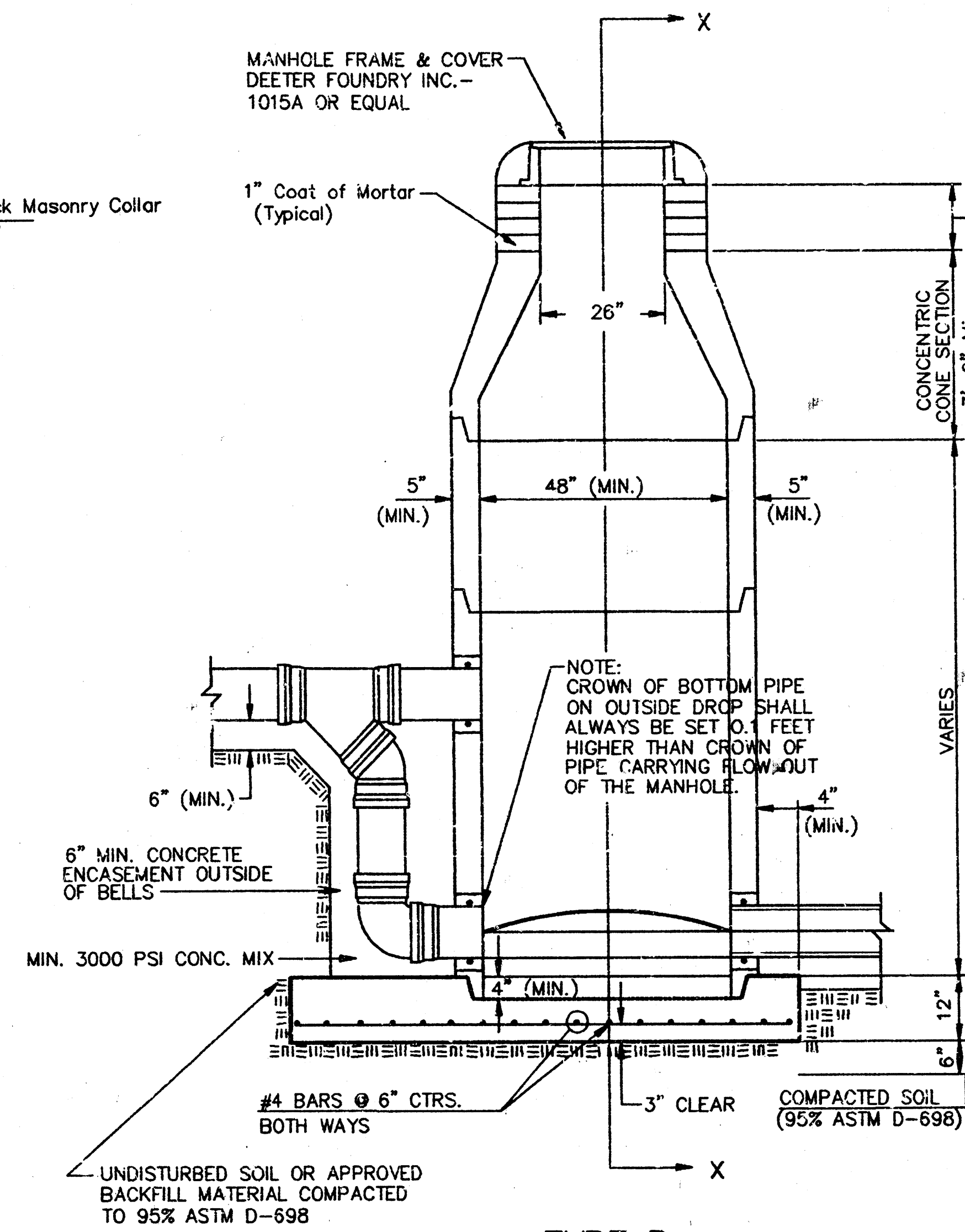
TYPE P
STANDARD MANHOLE

GENERAL NOTES PRECAST MANHOLE NOTES

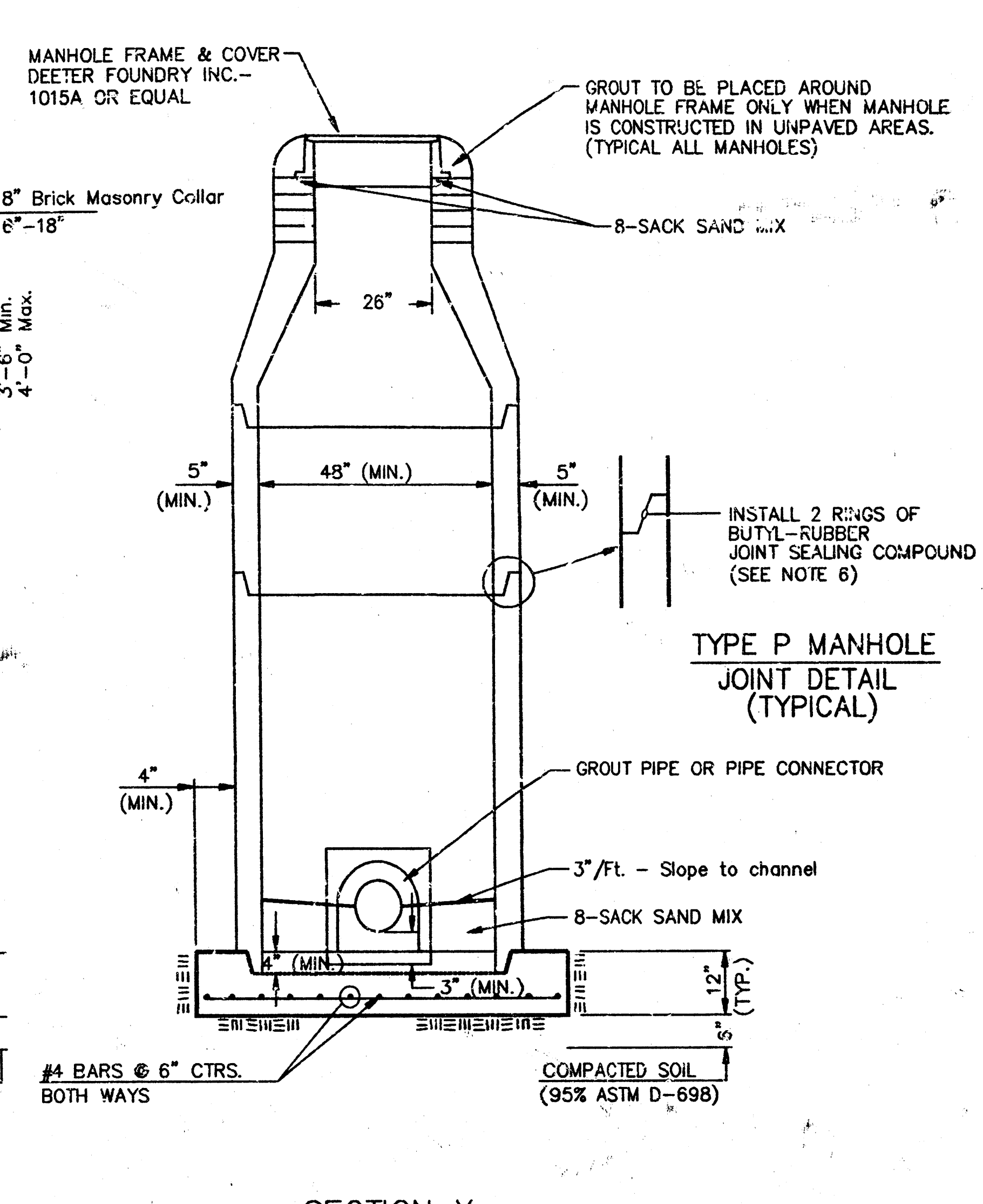
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
- NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
- APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER PIPE SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
- ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS NEMEC SERIES 66 HI-BUILD EPOXYLINE, DRY THICKNESS OF 8 MILS (MIN.)
- EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
- JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
- TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
- LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAYMENT MIX SPECIFICATIONS USING CITY CONCRETE PAYMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.



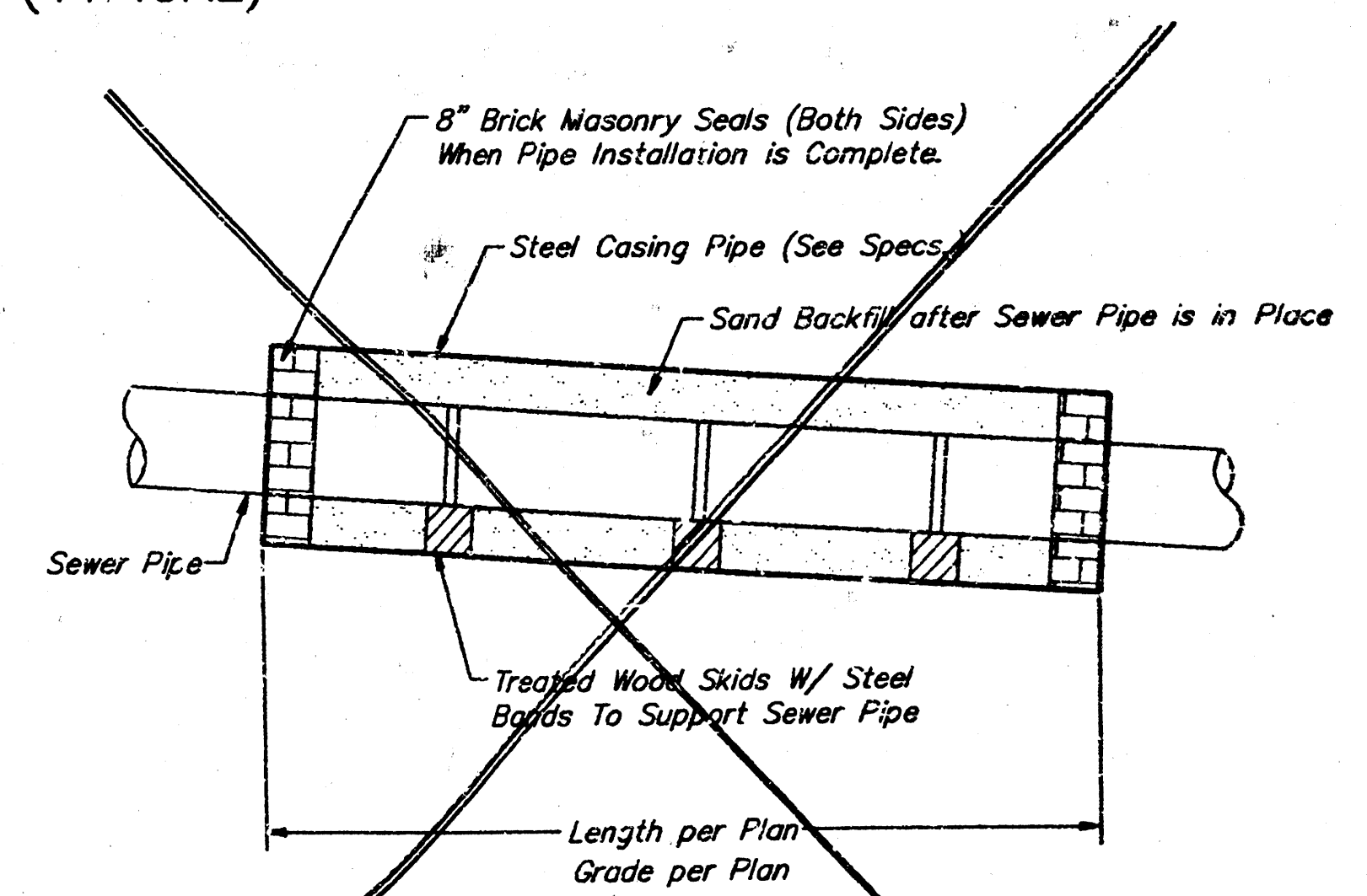
TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



SECTION X
(TYPICAL)



BORING AND JACKING
STEEL PIPE CASING DETAIL

STANDARD MANHOLE DETAILS
SEWER APPURTENANCES DETAILS
CITY OF WICHITA, KANSAS

STONEBOROUGH

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



SCALE: 1"=100'

• SET IRON
B.S.L. = BUILDING SETBACK LINE

B.M. - CITY OF WICHITA BENCH MARK DISC 4" EAST AND
52" SOUTH OF THE INTERSECTION OF THE
CENTERLINES OF BROADWAY AND 55TH STREET
SOUTH.

ELEV. +83.975 CITY DATUM
ELEV. +1270.975 M.S.L.

MINIMUM PAD ELEVATION AS FOLLOWS:
(LOWEST OPENING)
LOTS 18 THROUGH 56, BLOCK 1 =
84.2 CITY DATUM OR 1271.6 M.S.L.

55TH STREET SOUTH

S.E. CORNER S.E. 1/4
SEC. 20, T28S, R1E
OF THE 6TH P.M.

679.66'

Complete Access Control

Complete Access Control

BROADWAY (U.S. 81)

N.E. CORNER S.E. 1/4
SEC. 20, T28S, R1E
OF THE 6TH P.M.

POINT OF BEGINNING