

"AS-BUILTS"

CALVARY BAPTIST CHURCH

CITY OF O'FALLON GENERAL NOTES

OFFSITE SANITARY SEWER LINE LOCATION MAP

DRAWING INDEX

1. Gas, water and other underground utilities shall not conflict with the depth or horizontal locations of existing and proposed sanitary and storm sewers, including house laterals.
2. Underground utilities have been plotted from available information and, therefore, their locations must be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to grading or construction of improvements.
3. Polyvinyl Chloride (PVC) shall conform to the requirements of ASTM D-3034 Standard Specifications for the PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings, SDR-35.
4. All storm sewer pipe shall be ASTM Class III.
5. Storm sewers 21" in diameter or larger shall be ASTM C-76, Class III.
6. All storm sewer pipe under pavement, regardless of size, shall be reinforced concrete pipe (ASTM C-76, Class III) unless noted otherwise in the plans.
7. Corrugated metal pipe shall conform to the standard specifications for corrugated culvert pipe M-36, A.A.S.H.O., 16 gauge.
8. All filled places under buildings, proposed sanitary and storm sewer lines, and/or paved areas including trench backfills shall be compacted to 95% of maximum density as determined by the "Modified A.A.S.H.O. T-180 Compaction Test (ASTM D-1557)" unless otherwise specified by the local governing authority specifications. All tests will be verified by a soils engineer.
9. All earthen filled places within State, County, or City roads (highways) shall be compacted to 95% of maximum density as determined by the "Standard Proctor Test A.A.S.H.O. T-99" (ASTM D-698) unless otherwise specified by local governing authority specifications. All tests will be verified by a soils engineer.
10. All storm and sanitary trench backfills shall be water jetted. Granular fill will be used under paved areas.
11. Easements shall be provided for storm sewers, sanitary sewers, and all utilities on the record plat. See record plat for location and size of easements. This does not apply to house laterals.
12. No area shall be cleared without the permission of the developer.
13. All grades shall be within 0.2 feet (more or less) of those shown on the grading plan.
14. No slope shall be greater than 3:1 and shall be either sodded or seeded and mulched.
15. Hazard markers will consist of three (3) standard specification, "Manual on Uniform Traffic Control Devices," end of roadway markers mounted on two (2) pound "U" channel sign post. Each marker shall consist of an eighteen (18) inch diamond reflectorized rear panel. The bottom of each panel shall be mounted a minimum of four (4) feet above the elevation of the pavement surface.
16. All manhole and curb inlet tops built without elevations furnished by the Engineer will be the responsibility of the sewer contractor. At the time of construction stake-out of the sewer lines, all curb and grate inlets will be face staked. If normal face stakes fall in line with sewer construction, the Engineer will set these stakes on a double offset. It shall be the responsibility of the sewer contractor to preserve all face stakes from destruction.
17. All standard street curb inlets to have front of inlet 2 feet behind curb.
18. The minimum vertical distance from the low point of the basement to the flowline of a sanitary sewer at the corresponding house connection shall not be less than the diameter of the sanitary sewer plus a vertical distance not less than two and one-half feet (2-1/2').
19. Water lines, valves, sleeves, meters and etc., shall meet all specifications and installation requirements of the local governing authority.

Sheet
1
2
3
4-8

COVER SHEET
SITE PLAN
SANITARY SEWER PROFILE
DETAIL SHEETS

LEGEND

Description	
● Sanitary Sewer (Proposed)	Sanitary Structure
○ Sanitary Sewer (Existing)	R.C.P. Reinforced Concrete Pipe
- - - Storm Sewer (Proposed)	C.M.P. Corrugated Metal Pipe
- - - Storm Sewer (Existing)	C.I.P. Cast Iron Pipe
- - - Water Line & Size	P.V.C. Polyvinyl Chloride
- - - Existing water line	V.C.P. Vitrified Clay Pipe
■ Double Water Meter Setting	Light Standard
● Single Water Meter Setting	C.O. Clean Out
○ Curb Inlet	V.T. Vent Trap
○ Skewed Curb Inlet	T.B.R. To Be Removed
18 Lot or Building Number	T.B.R.&R. To Be Removed & Relocated
— Existing Fence Line	G.I. Grate Inlet
— Existing Tree Line	A.I. Area Inlet
— Street Sign	D.A.I. Double Area Inlet
— Existing Contour	B.C. Base Of Curb
— Proposed Contour	T.C. Top Of Curb
— Grouted Rip-Rap	F.E. Flared End Section
— End of Lateral	T.W. Top Of Wall
— Asphalt Pavement	E.P. End Pipe
— Concrete Pavement	E.D. Energy Dissipator
— Concrete Pipe	M.H. Manhole
— Use in Place	U.N.O. Unless Noted Otherwise

REVISIONS

This is to certify to CITY O'FALLON
that these "As-Built" SAN SEWER plans are
based on actual field surveys conducted
during JAN. 1998 and the results are
shown here on.

by Pickett Ray & Silver

Delmar F. Vincent
MO R.L.S. No 1889
F. VINCENT
B-6-98
Date
1988

AS-BUILTS SAN 3-6-98

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PICKETT RAY & SILVER

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ENGINEERS AUTHENTICATION	
<small>The responsibility for professional engineering liability on this project rests with the engineer set forth on the title page. The seal, signature and date hereon attached. Responsibility is disclaimed for all other engineering plans involved in the project and especially includes revisions after this date unless reauthenticated.</small>	
PICKETT, RAY & SILVER, INC.	
Signature	Date

DEVELOPER

PREPARED FOR:

CALVARY BAPTIST CHURCH

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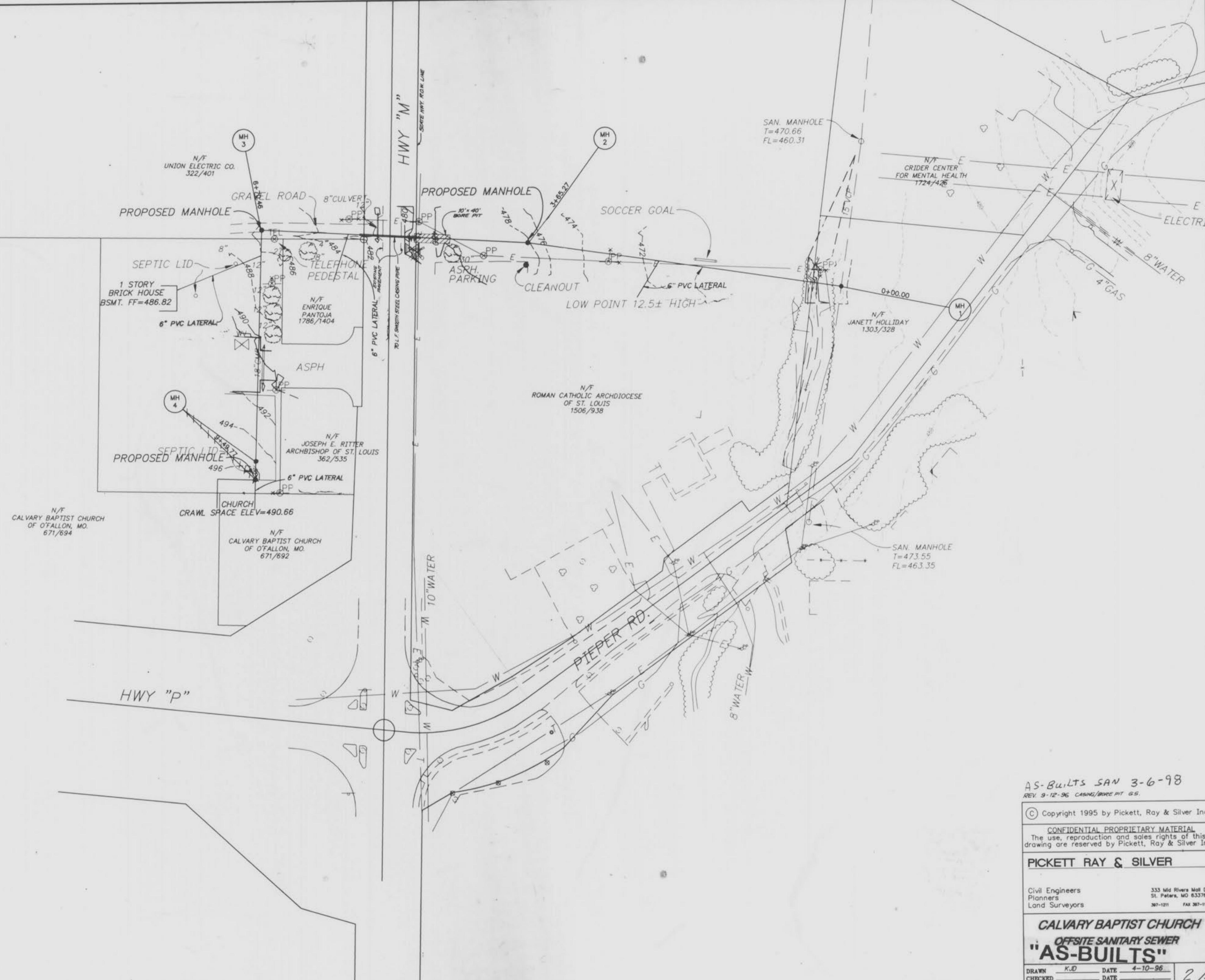
DRAWN KJD DATE 4-10-98	1 / 3
CHECKED DATE	5
FIELD BOOK 609 PROJECT # 95200	JOB ORDER # 34150

PICKETT RAY & SILVER

Calvary Baptist Church As-Builts

MAGNETIC

GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.



AS-BUILTS SAN 3-6-98
REV. 9-12-96 Casing/Bore Pit GS.

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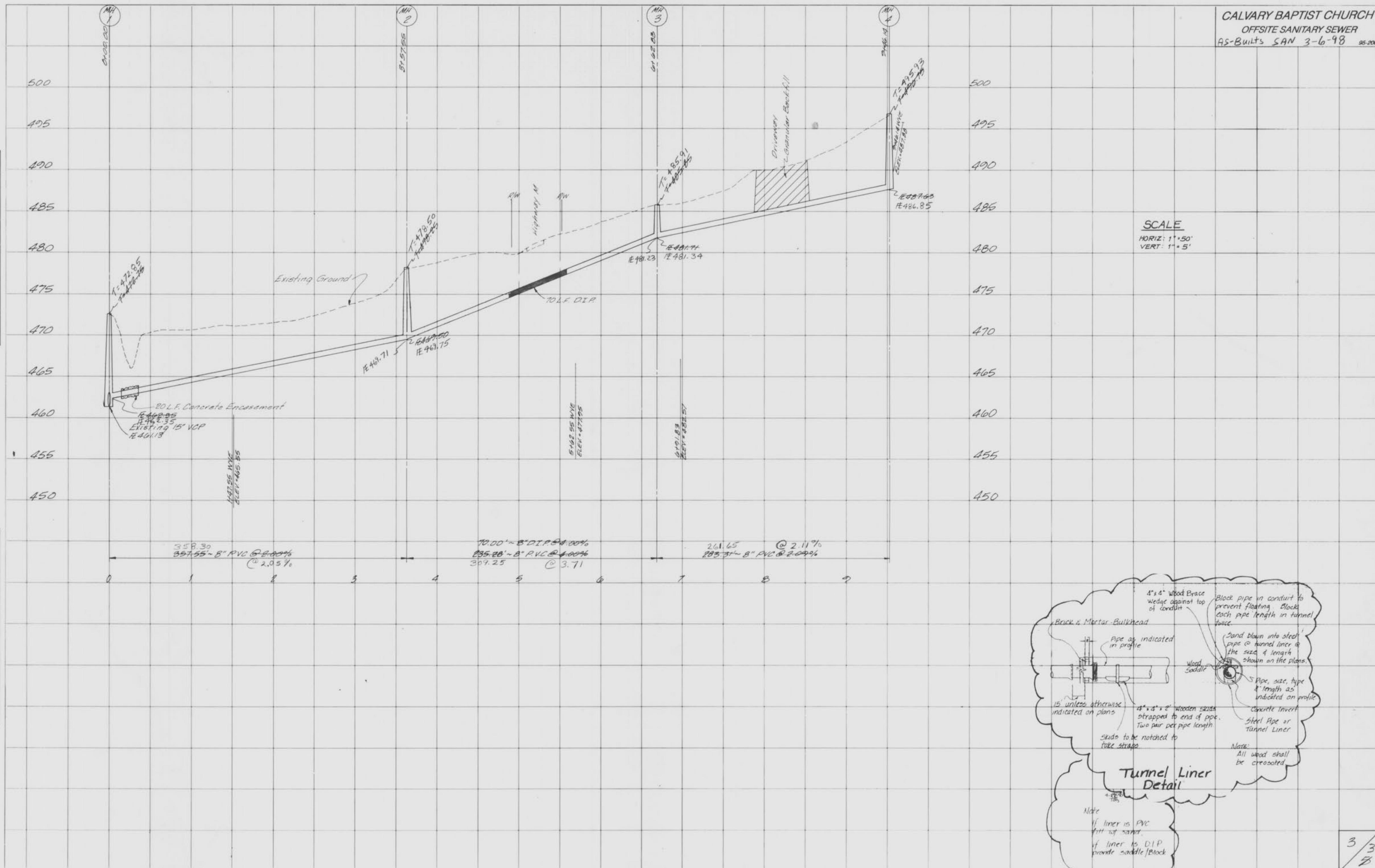
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OFFSITE SANITARY SEWER
"AS-BUILTS"

DRAWN	KJD	DATE	4-10-96
CHECKED		DATE	
FIELD	609	PROJECT #	25200
BOOK		JOB ORDER #	34158

Calvary Baptist Church As-Builts



"AS-BUILTS"