

AS BUILT DRAWING
Customer Name F.C.R.W.D.
Job Name _____
Job Number 23198
Drawn By Randy
Date 5/10/04
CULY CONSTRUCTION & EXCAVATING
(765) 584-8509

STATE STREET SANITARY SEWER PROJECT - PHASE III

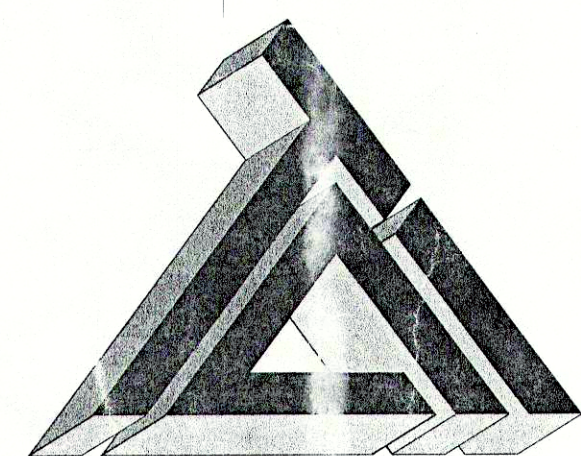
PROJECT FOR THE FALL CREEK REGIONAL WASTE DISTRICT PENDLETON, IN.

2003

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3	PROPOSED PLAN & PROFILE
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6	STANDARD SANITARY SEWER DETAILS

PLANS PREPARED BY:



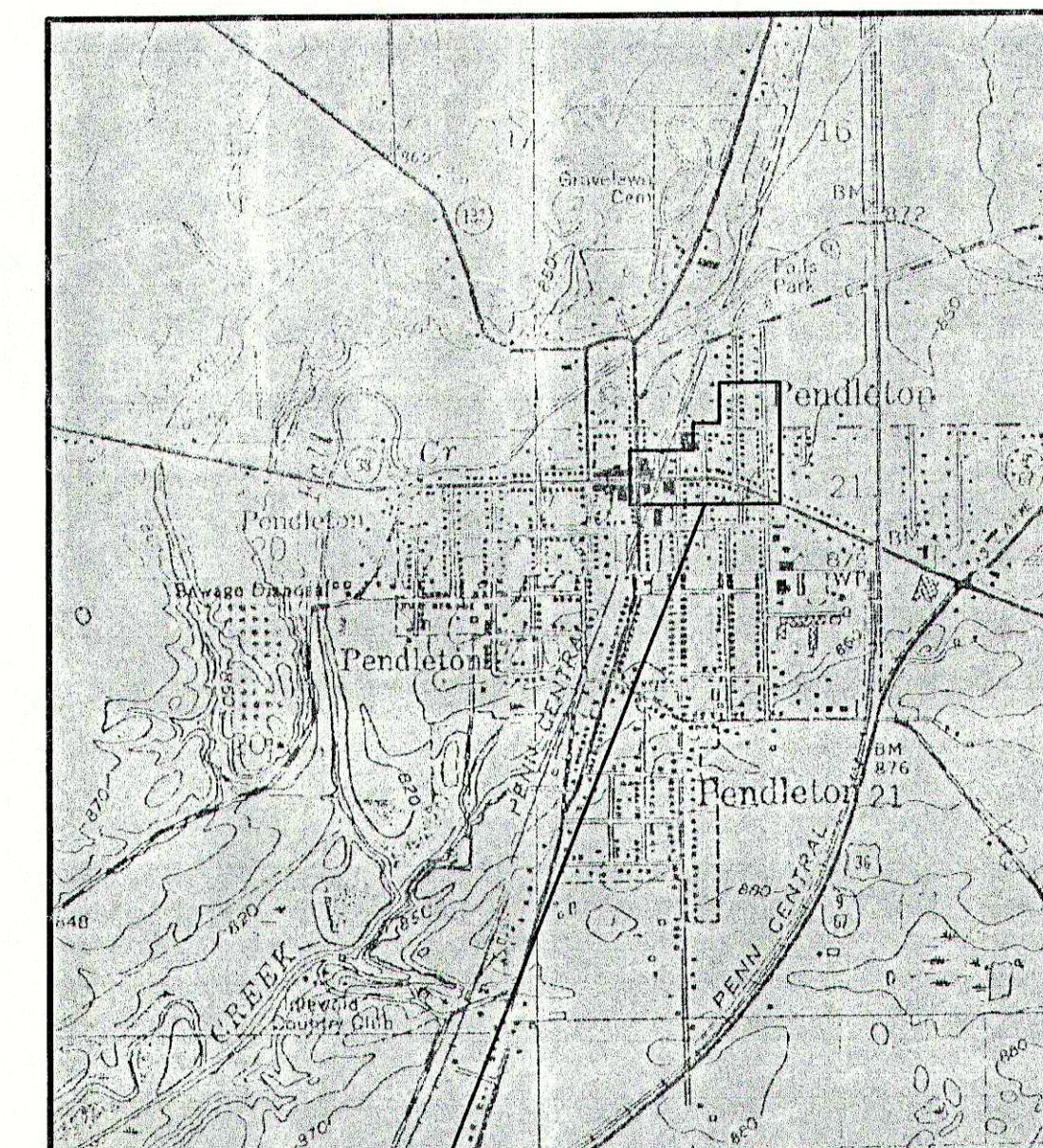
TRIAD ASSOCIATES INC.
5835 LAWTON LOOP EAST DRIVE
INDIANAPOLIS, INDIANA 46216
PHONE: 317-377-5230 FAX: 317-377-5241

AREA MAP



AREA
LOCATION

LOCATION MAP



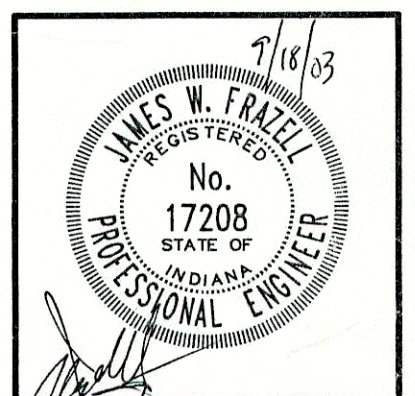
PROJECT
LOCATION

FALL CREEK REGIONAL WASTE DISTRICT BOARD

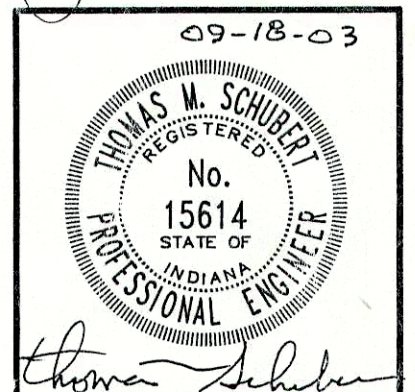
Mr. Morris McCurdy — President
Mr. Gregory Valentine — Member
Mr. Agon Tolbert — Member
Mr. Douglas McGee — Member
Mr. Dallas Foster — Member
Mr. Mark Jablonski — Member
Mr. Timothy McClintick — Member
Mr. Timothy Green — Member
Mr. Edward Stergar, Jr. — Member
Mr. Joe Rowlett — General Manager

THESE PLANS CERTIFIED BY:

James W. Frazell, Professional Engineer



Thomas M. Schubert, Professional Engineer



NOTE:
ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY
NEED TO BE ACQUIRED FOR INSTALLATION OF SEWER.

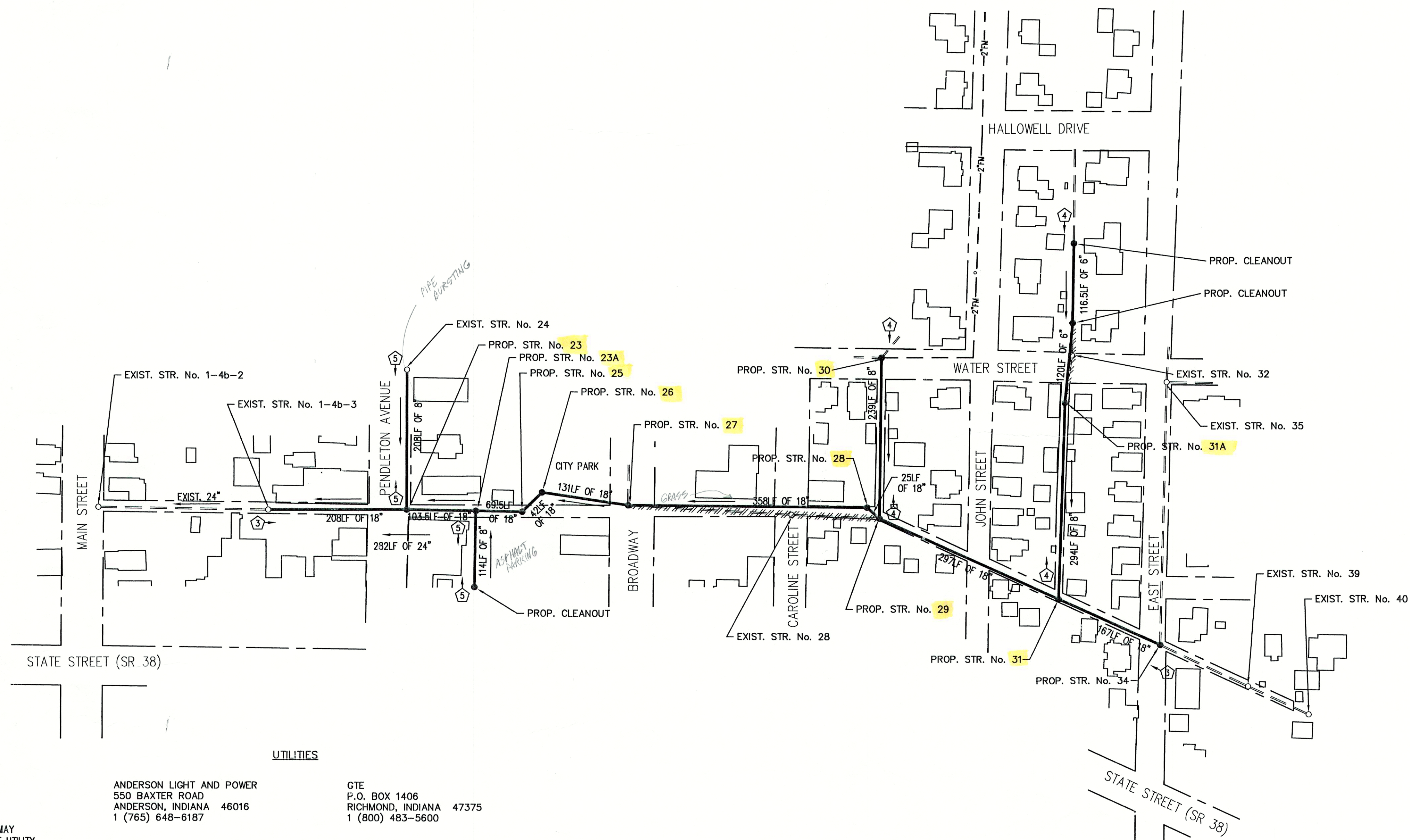


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TOLL FREE
1-800-382-5544
OTHER AREAS
1-800-428-5200

PER INDIANA STATE LAW IS-69-1991, IT IS
AGAINST THE LAW TO EXCAVATE WITHOUT
NOTIFYING THE UNDERGROUND LOCATION SERVICE
TWO (2) WORKING DAYS BEFORE COMMENCING WORK.
NOTE: CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS
PRIOR TO THE START OF CONSTRUCTION



NOT TO SCALE



NOTE:
ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY
NEED TO BE ACQUIRED FOR INSTALLATION OF UTILITY.



PER INDIANA STATE LAW 15-69-1991, IT IS
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NOTIFYING THE UNDERGROUND LOCATION SERVICE
TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

ANDERSON LIGHT AND POWER
550 BAXTER ROAD
ANDERSON, INDIANA 46016
1 (765) 648-6187

PENDLETON MUNICIPAL ELECTRIC UTILITY
P.O. BOX 230
PENDLETON, INDIANA 46064
1 (765) 778-2173

PENDLETON MUNICIPAL WATER UTILITY
P.O. BOX 230
PENDLETON, INDIANA 46064
1 (765) 778-2173

GTE
P.O. BOX 1406
RICHMOND, INDIANA 47375
1 (800) 483-5600

INDIANA GAS COMPANY, INC.
2001 LOUISE STREET
ANDERSON, INDIANA 46016
1 (800) 777-2060

TCI OF CENTRAL INDIANA
335 E. 10th STREET
ANDERSON, INDIANA 46016
1 (765) 649-0407

LEGEND:

- 4" — EXISTING SANITARY FORCE MAIN
- — — EXISTING SANITARY SEWER AND MANHOLE TO REMAIN
- /---/--- EXISTING SANITARY SEWER AND MANHOLE TO BE REMOVED AND/OR ABANDONED
- — — PROPOSED SANITARY SEWER AND MANHOLE
- DIRECTION OF FLOW
- ③ SHEET PAGE REFERENCE
- ◆ SOIL BORING - SEE SPECIFICATIONS FOR BORING LOGS

SANITARY SEWER BASE MAP

PENDLETON, INDIANA

NOTE:
ALL PIPE LENGTHS ON THIS SHEET
ARE FOR INFORMATIONAL USE ONLY.

PHASE III: SCOPE OF WORK

SANITARY SEWER FROM 1-4b-3 TO 23, 23 TO 24, 23 TO 23A, 23A TO C/O,
23A TO 25, 25 TO 26, 26 TO 27, 28 TO 29, 29 TO 30, 29 TO 31,
31 TO 31A, 31A TO C/O, 31 TO 34.

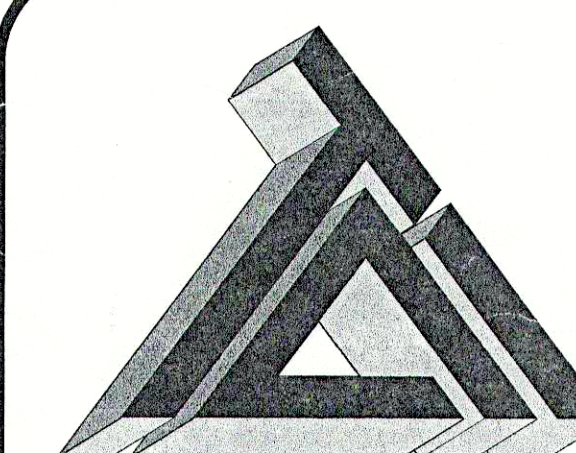
BM #66 - STATE HIGHWAY MARKER, SOUTHWEST HEADWALL ON
MAIN STREET BRIDGE OVER FALL CREEK. EL. 840.35

CONSULTANT:

REVISIONS:

DATE	DESCRIPTION	BY

APPROVED BY:



TRIAD ASSOCIATES INC.
5835 LAWTON LOOP EAST DRIVE
INDIANAPOLIS, INDIANA 46216
PHONE: 317-377-5230 FAX: 317-377-5241

DESIGNED FOR:

STATE STREET SANITARY SEWER
PROJECT - PHASE III

SHEET TITLE:

PROPOSED SANITARY
SEWER BASE MAP

JOB NUMBER: 200302G

SCALE: AS NOTED

PLOT SCALE: 1" = 100'

DRAWN BY: J.E.C.

DESIGNED BY: J.E.C.

DRAWING NAME: 200302G-BMAP

CHECKED BY: T.M.S.

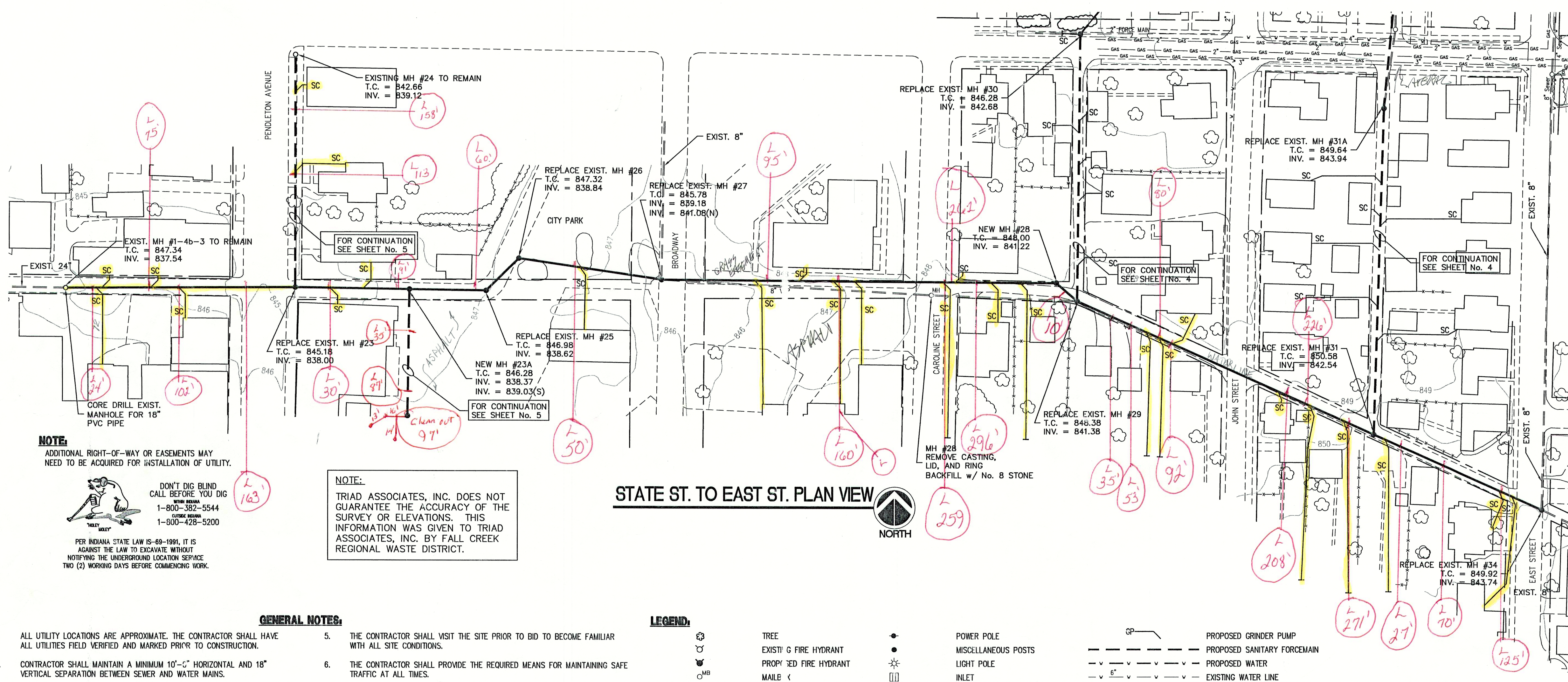
PLOT DATE: 09/23/03

DATE: 09/22/03

SHEET No.

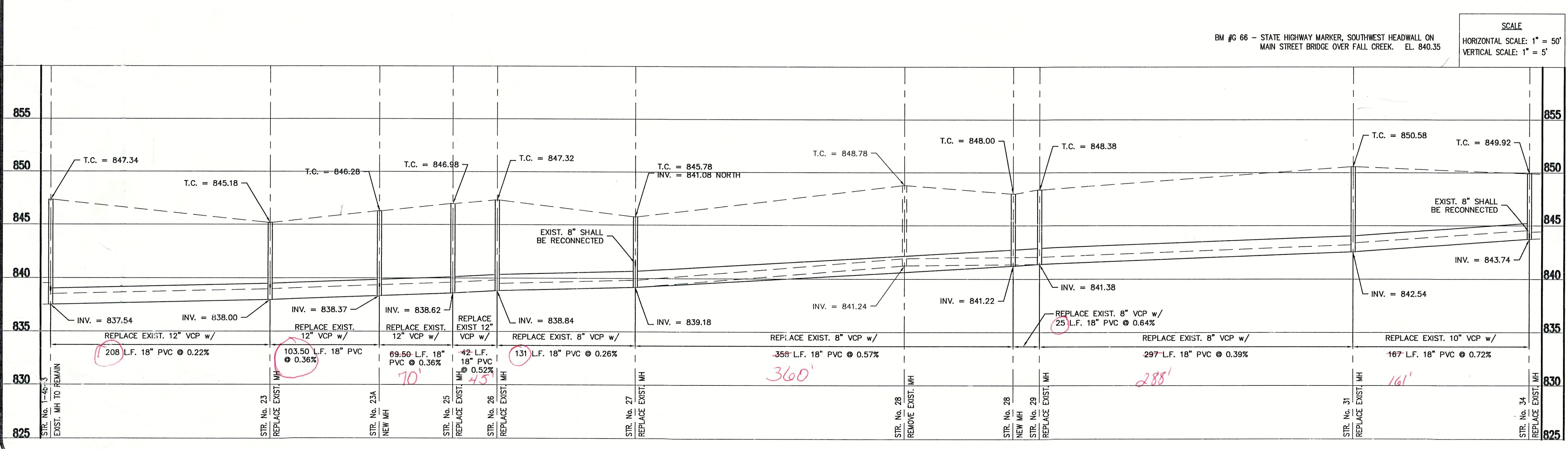
2

OF 6



- GENERAL NOTES:**
- ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
 - ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
 - ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
 - THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
 - THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
 - CONTRACTOR SHALL RESTORE ALL DISTURBED LAWN AREAS, STREETS, WALKS, DRIVES, ETC. AS SHOWN ON DRAWINGS, IN THE SPECIFICATIONS, OR TO AT LEAST PRE-EXISTING CONDITIONS.
 - ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

- LEGEND:**
- TREE
 - EXIST. G FIRE HYDRANT
 - PROPOSED FIRE HYDRANT
 - MAILE
 - SIGN
 - SPOT HOT
 - CONT. IR
 - FENCE
 - EXIST. SANITARY SEWER w/ MANHOLE
 - POWER POLE
 - MISCELLANEOUS POSTS
 - LIGHT POLE
 - INLET
 - ASPHALT SURFACE
 - CONCRETE SURFACE
 - STONE SURFACE
 - NEW GRAVITY SERVICE CONNECTION
 - PROPOSED SANITARY GRAVITY
 - PROPOSED GRINDER PUMP
 - PROPOSED SANITARY FORCEMAIN
 - PROPOSED WATER
 - EXISTING WATER LINE
 - EXISTING ROAD DRAIN
 - GAS LINE
 - UNDERGROUND TELEPHONE LINE
 - EXISTING FIBER OPTIC LINE
 - APPROX. PROPERTY LINE
 - PROPOSED UTILITY EASEMENT
 - EXISTING UTILITY EASEMENT
 - APPROX. RIGHT-OF-WAY



CONSULTANT:

REVISIONS:

DATE	DESCRIPTION	BY

APPROVED BY: 07-18-03

THOMAS M. SCHUBERT
No. 15614
STATE OF INDIANA
PROFESSIONAL ENGINEER

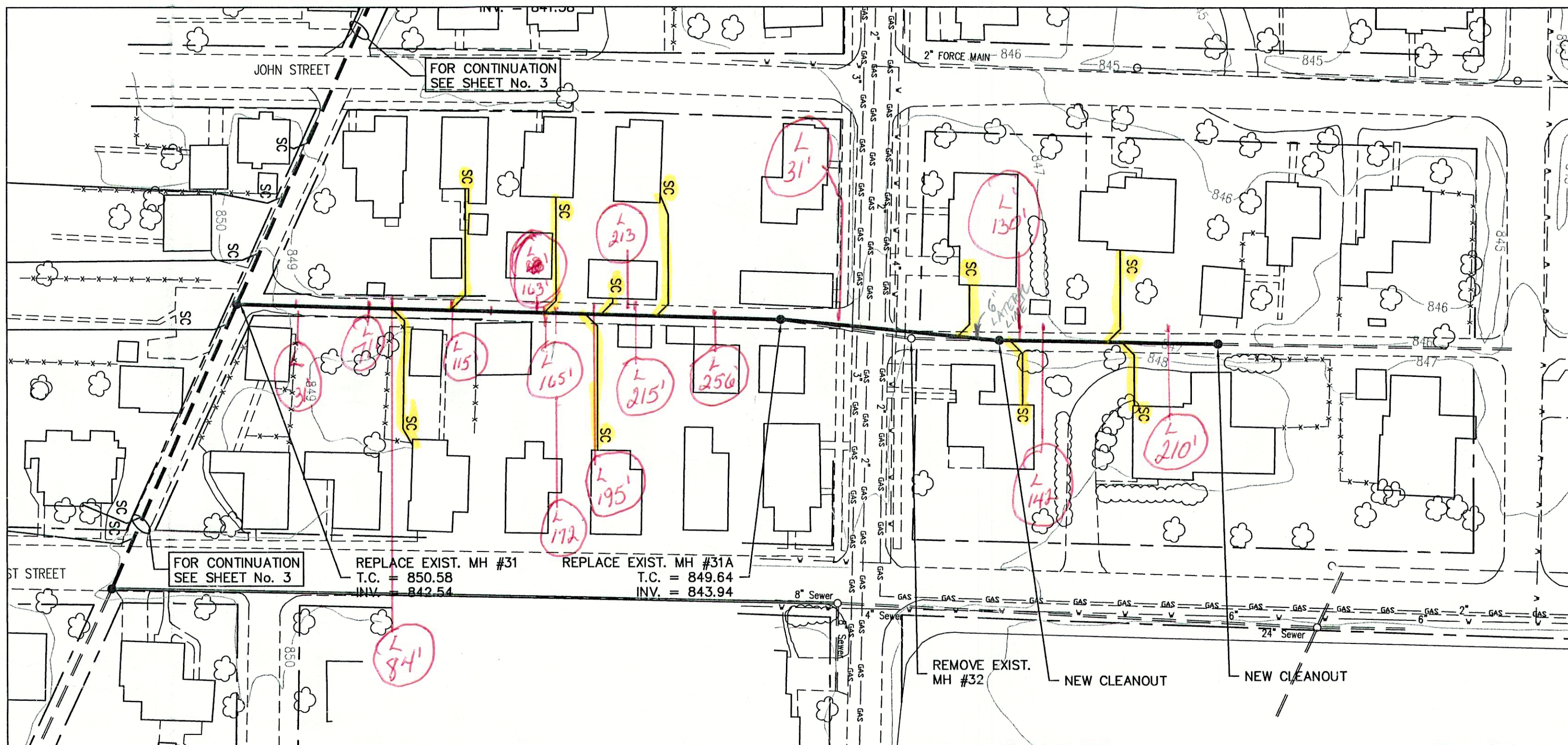
DESIGNED FOR:
STATE STREET SANITARY SEWER PROJECT - PHASE III

SHEET TITLE:
STATE STREET PLAN AND PROFILE

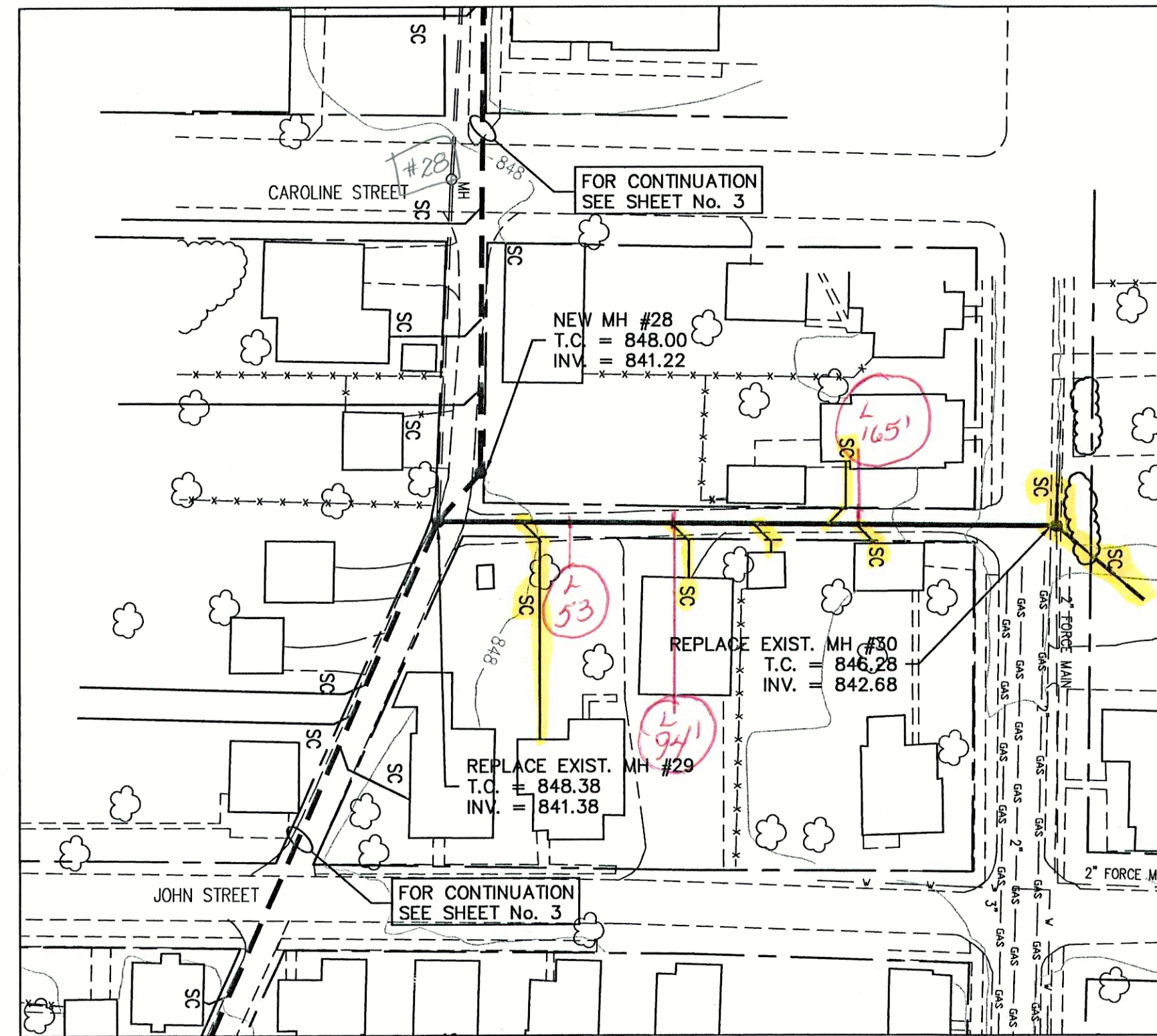
JOB NUMBER: 200302G
SCALE: AS NOTED
PLOT SCALE: 1" = 50'
DRAWN BY: J.E.C.
DESIGNED BY: T.M.S.
DRAWING NAME: FCRWD3-BASE

CHECKED BY: T.M.S.
PLOT DATE: 09/23/03
DATE: 09/19/03

3
OF 6



MANHOLE 31 TO THE CLEANOUT PLAN VIEW



MANHOLE 29 TO THE MANHOLE 30 PLAN VIEW

NOTE:
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TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

LEGEND:

	TREE		PROPOSED GRINDER PUMP
	EXISTING FIRE HYDRANT		PROPOSED SANITARY FORCE MAIN
	PROPOSED FIRE HYDRANT		PROPOSED WATER
	MAILBOX		EXISTING WATER LINE
	SIGN		EXISTING ROAD DRAIN
	SPOT SHOT		GAS LINE
	CONTOUR		UNDERGROUND TELEPHONE LINE
	FENCE		EXISTING FIBER OPTIC LINE
	EXIST. SANITARY SEWER W/MANHOLE		APPROX. PROPERTY LINE
	POWER POLE		PROPOSED UTILITY EASEMENT
	MISCELLANEOUS POSTS		EXISTING UTILITY EASEMENT
	LIGHT POLE		
	INLET		
	ASPHALT SURFACE		
	CONCRETE SURFACE		
	STONE SURFACE		
	NEW GRAVITY SERVICE CONNECTION		
	PROPOSED SANITARY GRAVITY		

NOTE:

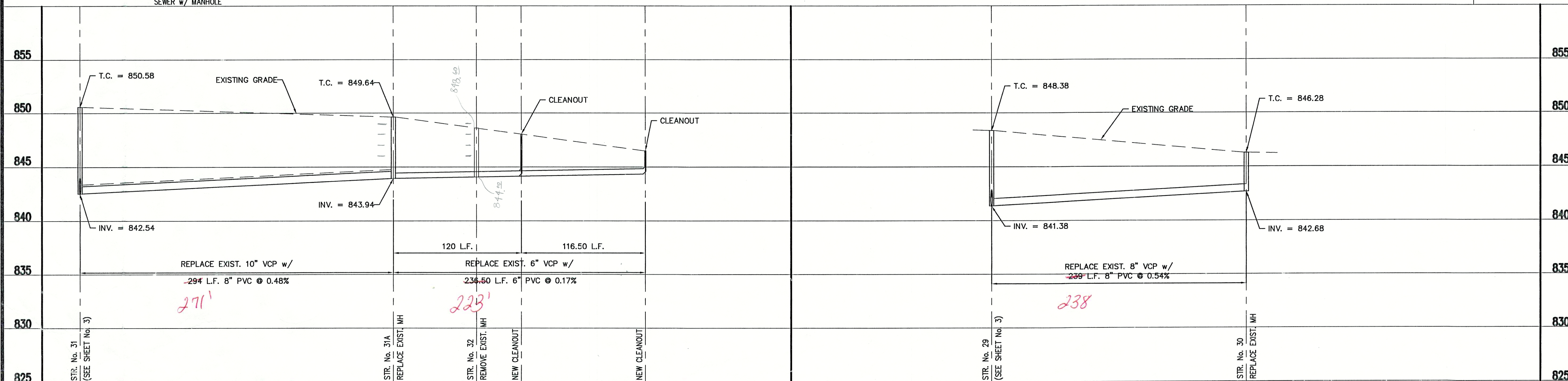
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SURVEY OR ELEVATIONS. THIS
INFORMATION WAS GIVEN TO TRIAD
ASSOCIATES, INC. BY FALL CREEK
REGIONAL WASTE DISTRICT.

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BM #66 - STATE HIGHWAY MARKER, SOUTHWEST HEADWALL ON
MAIN STREET BRIDGE OVER FALL CREEK. EL. 840.35

SCALE
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



CONSULTANT:

REVISIONS:

DATE	DESCRIPTION	BY

APPROVED BY:

09-18-03

THOMAS M. SCHUBERT
No. 15614
STATE OF INDIANA
PROFESSIONAL ENGINEER

Thomas Schubert

TRIAD ASSOCIATES INC.
5835 LAWTON LOOP EAST DRIVE
INDIANAPOLIS, INDIANA 46216
PHONE: 317-377-5230 FAX: 317-377-5241

DESIGNED FOR:

STATE STREET SANITARY SEWER
PROJECT - PHASE III

SHEET TITLE:

STATE STREET PLAN AND PROFILE

JOB NUMBER: 200302G

SCALE: AS NOTED

PLOT SCALE: 1" = 50'

DRAWN BY: J.E.C.

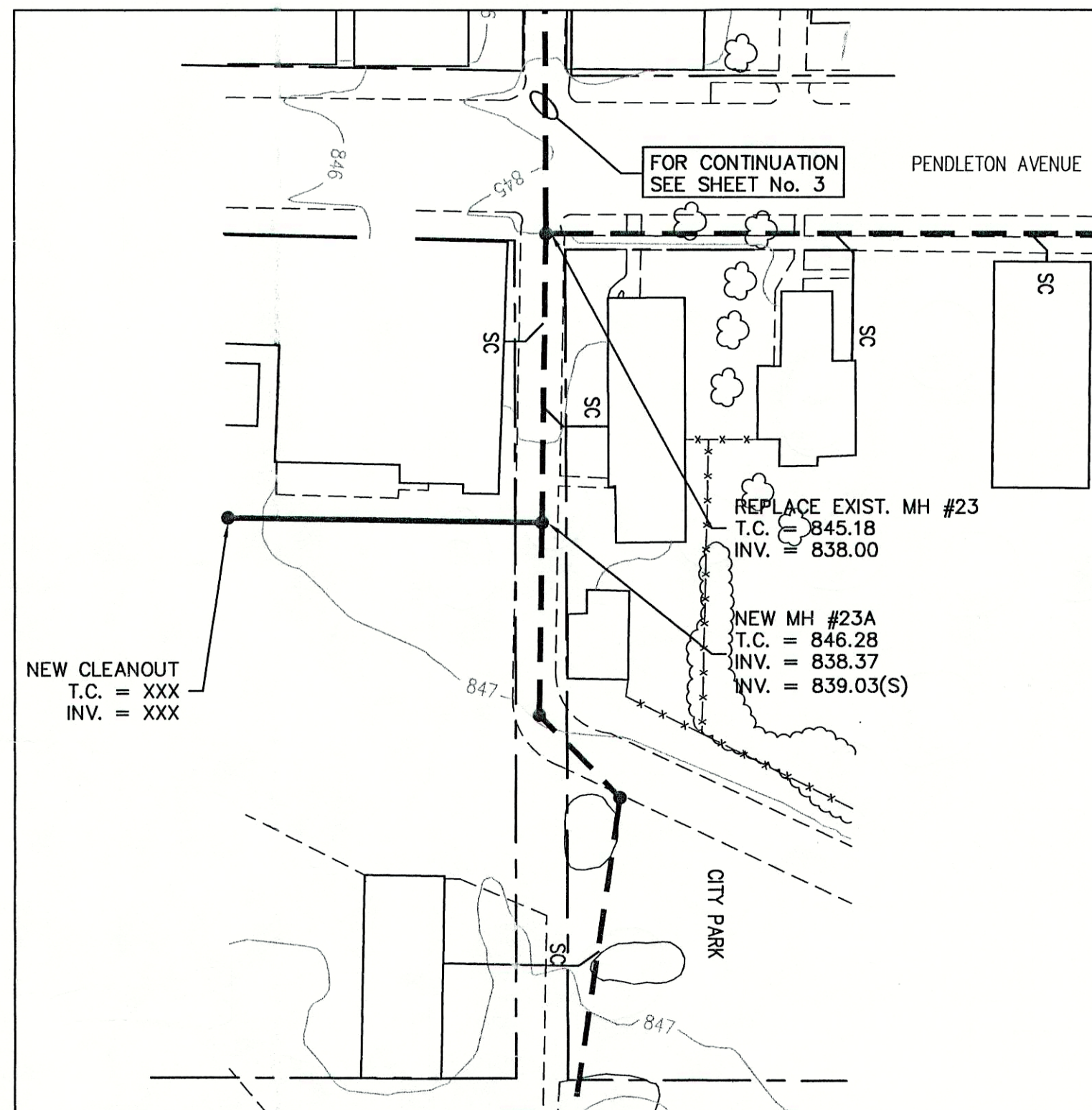
DESIGNED BY: T.M.S.

DRAWING NAME: FCRWD3-BASE

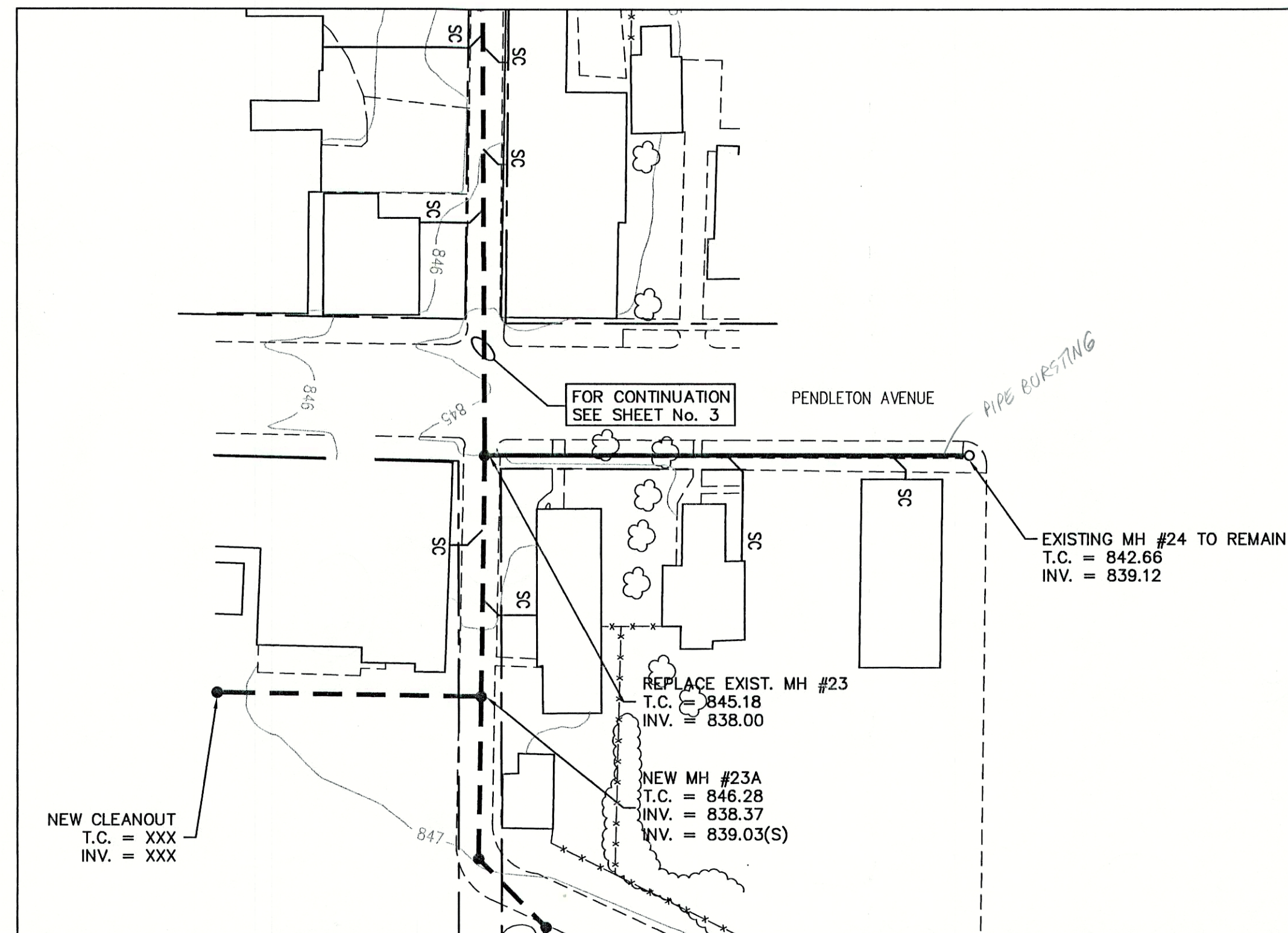
SHEET No.

4

OF 6



MANHOLE 23A TO THE SOUTH PLAN VIEW



PENDLETON AVE. TO WATER ST. PLAN VIEW



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LEGEND:

- | | | | |
|--|----------------------------------|--|------------------------------|
| | TREE | | PROPOSED GRINDER PUMP |
| | EXISTING FIRE HYDRANT | | PROPOSED SANITARY FORCE MAIN |
| | PROPOSED FIRE HYDRANT | | PROPOSED WATER |
| | MAILBOX | | EXISTING WATER LINE |
| | SIGN | | EXISTING ROAD DRAIN |
| | SPOT SHOT | | GAS LINE |
| | CONTOUR | | UNDERGROUND TELEPHONE LINE |
| | FENCE | | EXISTING FIBER OPTIC LINE |
| | EXIST. SANITARY SEWER w/ MANHOLE | | APPROX. PROPERTY LINE |
| | PROPOSED SANITARY GRAVITY | | PROPOSED UTILITY EASEMENT |
| | APPROX. RIGHT-OF-WAY | | EXISTING UTILITY EASEMENT |

BM #66 - STATE HIGHWAY MARKER, SOUTHWEST HEADWALL ON MAIN STREET BRIDGE OVER FALL CREEK. EL. 840.35

NOTE:

ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY NEED TO BE ACQUIRED FOR INSTALLATION OF UTILITY.



DON'T DIG BLIND
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NEW BRANCH
1-800-392-5544
OUTSIDE BRANCH
1-800-428-5200

NOTE:

TRIAD ASSOCIATES, INC. DOES NOT GUARANTEE THE ACCURACY OF THE SURVEY OR ELEVATIONS. THIS INFORMATION WAS GIVEN TO TRIAD ASSOCIATES, INC. BY FALL CREEK REGIONAL WASTE DISTRICT.

SERVICE CONNECTION LATERAL TABLE

MANHOLE No. TO MANHOLE No.	LATERAL LOCATION	6" LATERAL w/C.O. LENGTH (L.F.)
MH #21 TO MH #23	27 L.F. EAST OF MH #21	72
	33 L.F. EAST OF MH #21	13
	77 L.F. EAST OF MH #21	13
	102 L.F. EAST OF MH #21	31
MH #23 TO MH #24	105 L.F. NORTH OF MH #23	48
	175 L.F. NORTH OF MH #23	14
MH #23 TO MH #23A	32 L.F. EAST OF MH #23	17
	62 L.F. EAST OF MH #23	26
MH #26 TO MH #27	56 L.F. EAST OF MH #26	58
MH #27 TO MH #28	85 L.F. EAST OF MH #26	114
	127 L.F. EAST OF MH #26	15
MH #29 TO MH #31	156 L.F. EAST OF MH #26	113
	175 L.F. EAST OF MH #26	78
	255 L.F. EAST OF MH #26	143
	266 L.F. EAST OF MH #26	13
	299 L.F. EAST OF MH #26	39
	323 L.F. EAST OF MH #26	144
MH #31 TO MH #34	69 L.F. SOUTHEAST OF MH #29	112
	81 L.F. SOUTHEAST OF MH #29	109
	95 L.F. SOUTHEAST OF MH #29	36
	199 L.F. SOUTHEAST OF MH #29	12
MH #31 TO MH #31A	232 L.F. SOUTHEAST OF MH #29	158
	265 L.F. SOUTHEAST OF MH #29	155
	11 L.F. SOUTHEAST OF MH #31	139
	125 L.F. SOUTHEAST OF MH #31	35
MH #31 TO MH #31A	137 L.F. SOUTHEAST OF MH #31	109
	84 L.F. NORTH OF MH #31	76
	115 L.F. NORTH OF MH #31	68
	166 L.F. NORTH OF MH #31	65
MH #31A TO NORTH	188 L.F. NORTH OF MH #31	76
	197 L.F. NORTH OF MH #31	12
	227 L.F. NORTH OF MH #31	69
	96 L.F. NORTH OF MH #31A	31
MH #29 TO MH #30	125 L.F. NORTH OF MH #31A	37
	178 L.F. NORTH OF MH #31A	52
	186 L.F. NORTH OF MH #31A	37
	33 L.F. NORTH OF MH #29	86
FROM MH #30	91 L.F. NORTH OF MH #29	24
	123 L.F. NORTH OF MH #29	14
	152 L.F. NORTH OF MH #29	27
	163 L.F. NORTH OF MH #29	10
MH #30 TO NORTH	MH #30 TO NORTHEAST	43
	MH #30 TO WEST	15
TOTAL No. LATERALS		43
TOTAL 6" PVC (L.F.)		2,558

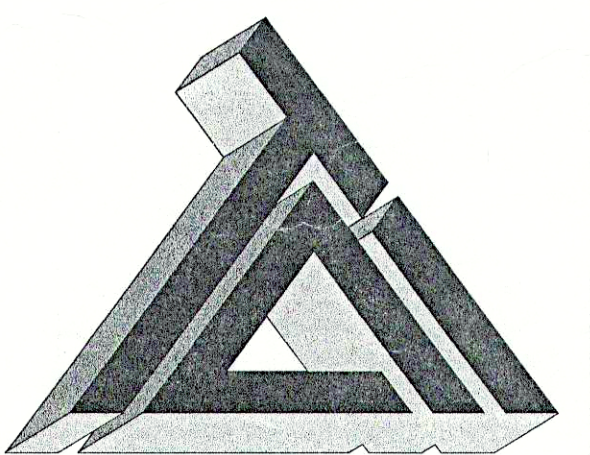
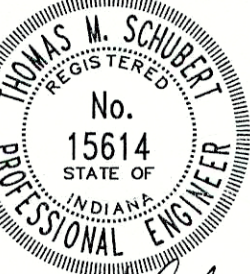
CONSULTANT:

REVISIONS:

DATE	DESCRIPTION	BY

APPROVED BY:

09-19-03



TRIAD ASSOCIATES, INC.
5835 LAWTON LOOP EAST DRIVE
INDIANAPOLIS, INDIANA 46216
PHONE: 317-377-5230 FAX: 317-377-5241

DESIGNED FOR:

**STATE STREET SANITARY SEWER
PROJECT - PHASE III**

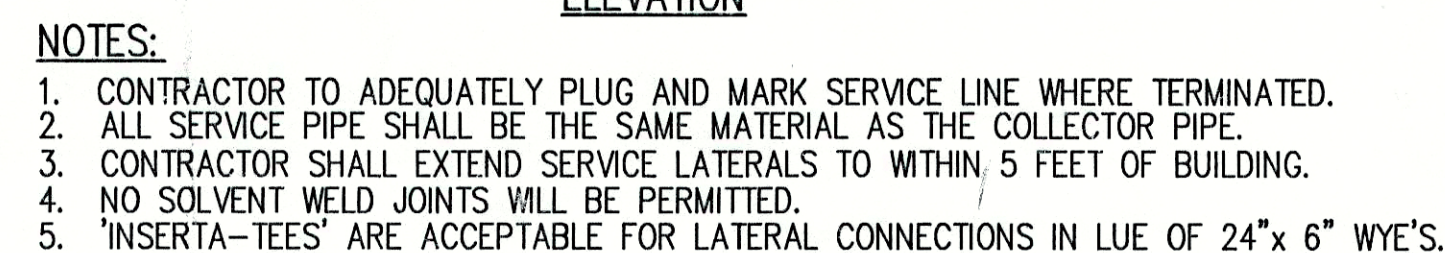
SHEET TITLE:

STATE STREET PLAN AND PROFILE

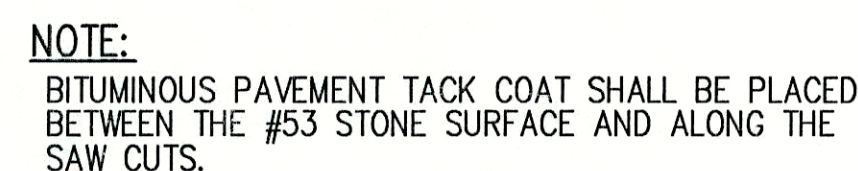
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DRAWN BY: J.E.C.
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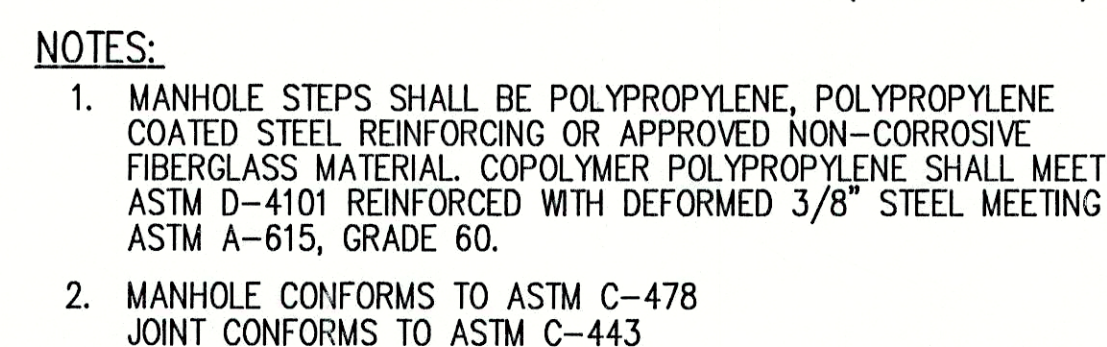
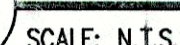
5
OF 6



SCALE: N.T.S.



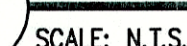
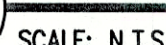
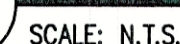
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SCALE: N.T.S.



5. **UNITED STATES OF AMERICA**



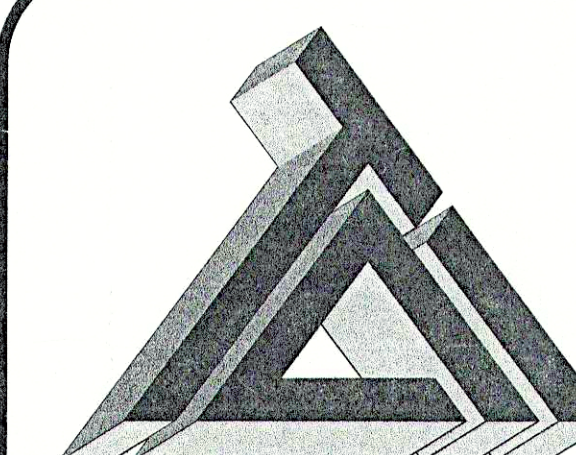
REVISIONS:

APPROVED BY:

09-18-03



Thomas Schuler



TRIAD ASSOCIATES INC.
5835 LAWTON LOOP EAST DRIVE
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**STATE STREET SANITARY SEWER
PROJECT - PHASE III**

SHEET TITLE:

STANDARD SANITARY SEWER DETAILS

JOB NUMBER: 200302G

SCALE: AS NOTED

SCALE: AS NOTED	CHECKED BY: T.M.S.
-----------------	--------------------

PLOT SCALE: 1 = 1

DRAWN BY: D.A.P.

DESIGNED BY: D.A.

DRAWING NAME: 200302-DET1

SHEET No.

6

050