WOODED RIDGE ADDITION
SANITARY SEWER PROJECT

FOR THE

FALL CREEK REGIONAL WASTE DISTRICT
MADISON CO., IN.

1999

SRF PROJECT NO. CS 18207701

DIVISION II

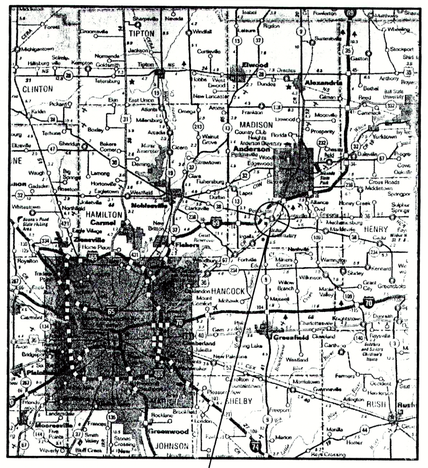
CONTRACT 'A-2'

JOE ROWLETT - GENERAL MANAGER

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND INDEX
2	PROJECT BASE MAPS
3–15	PLAN AND PROFILES SHEETS
16	LIFT STATION DETAIL
17–18	STANDARD SANITARY DETAILS

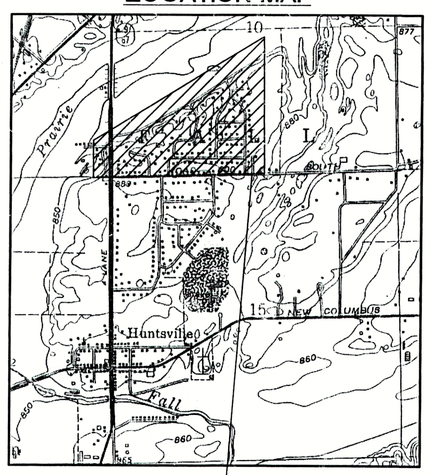
AREA MAP



AREA LOCATION

N

LOCATION MAP



PROJECT LOCATION

FALL CREEK REGIONAL WASTE DISTRICT BOARD

Mr. William Clark – President
Mr. Morris McCurdy – Member
Mr. Doug McGee – Member
Mr. Mark Jablonski – Member
Mr. Agon Tolbert – Member
Mr. Dallas Foster – Member
Mr. Jack Kasdorf – Member
Mr. Timothy Green – Member
Mr. John Ellingwood – Member
Mr. Joe Rowlett – General Manager

ATTORNEY

Mr. Randall Sorrell

PLANS PREPARED BY:

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

THESE PLANS CERTIFIED BY:

James W. Frazell, Professional Engineer _____

JAMES W. FRAZELL REGISTERED No. 17208 STATE OF INDIANA PROFESSIONAL ENGINEER

RECORD DRAWING

February 15, 2001

Thomas M. Schubert, Professional Engineer _____

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

TBM INFORMATION △

WO-TBM #1 – FIRE HYDRANT IN FRONT OF LACO IN HUNTSVILLE
FIRE HYDRANT BOLT UNDER LETTER "Y"
IN KENNEDY ELEV. – 871.16

WR-TBM #1a – NORTHWEST CORNER OF HEADWALL AT THE NORTH SIDE OF THE ROAD AT RIDGE LANE AND STATE ROAD No. 9 ELEV. – 851.81

WR-TBM #2 – NORTHWEST CORNER OF WINGWALL AT DOUGLASS AVENUE AND RIDGE LANE
ELEV. – 855.35

UTILITIES

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

CYNERGY/PSI
100 S. MILL CREEK ROAD
NOBLESVILLE, INDIANA 46060
1 (800) 521-2232

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 – SHEET DESIGNATION

NOTE:

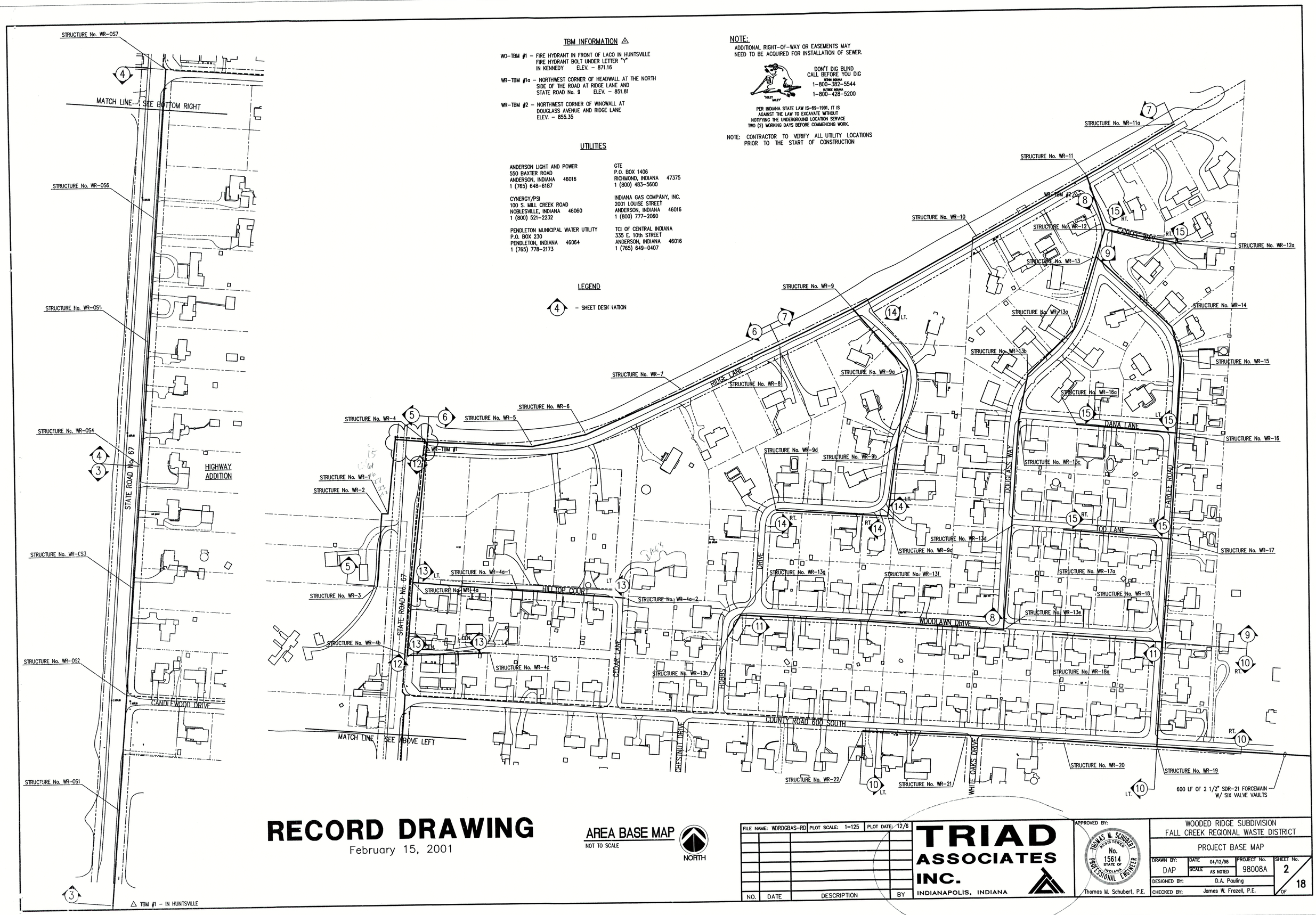
ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY NEED TO BE ACQUIRED FOR INSTALLATION OF SEWER.

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
1-800-428-5200

"HELPS HELPS"

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



RECORD DRAWING

February 15, 2001

AREA BASE MAP
NOT TO SCALE

NORTH

NO.	DATE	DESCRIPTION	BY

FILE NAME: WORDGBAS-RD | PLOT SCALE: 1=125 | PLOT DATE: 12/6

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

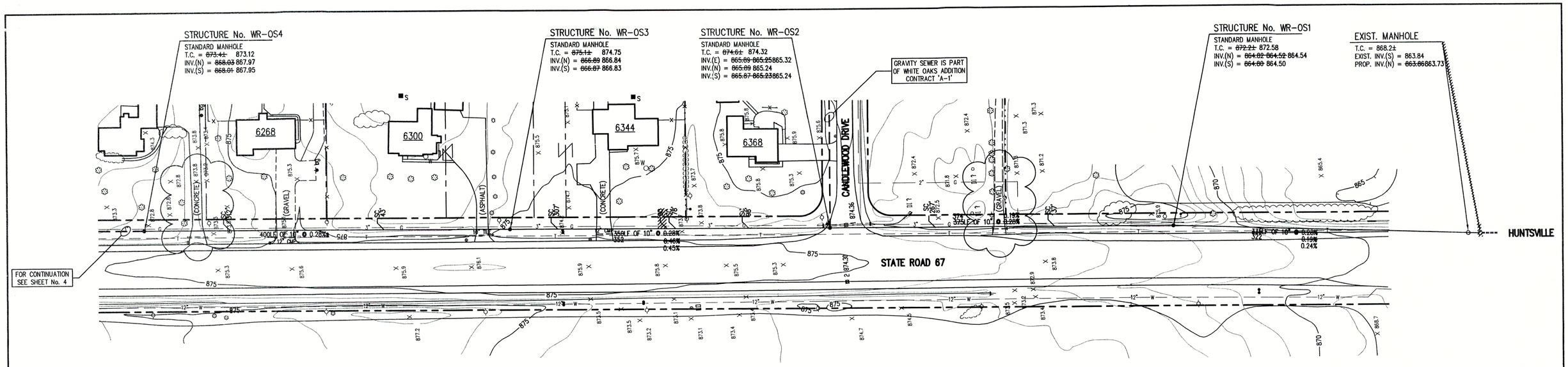
APPROVED BY:
THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PROJECT BASE MAP

DRAWN BY:	DATE	PROJECT No.	SHEET No.
DAP	04/12/98	98008A	2
	SCALE AS NOTED		OF 18

DESIGNED BY: D.A. Pauling
CHECKED BY: James W. Frazell, P.E.



RECORD DRAWING

February 15, 2001

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

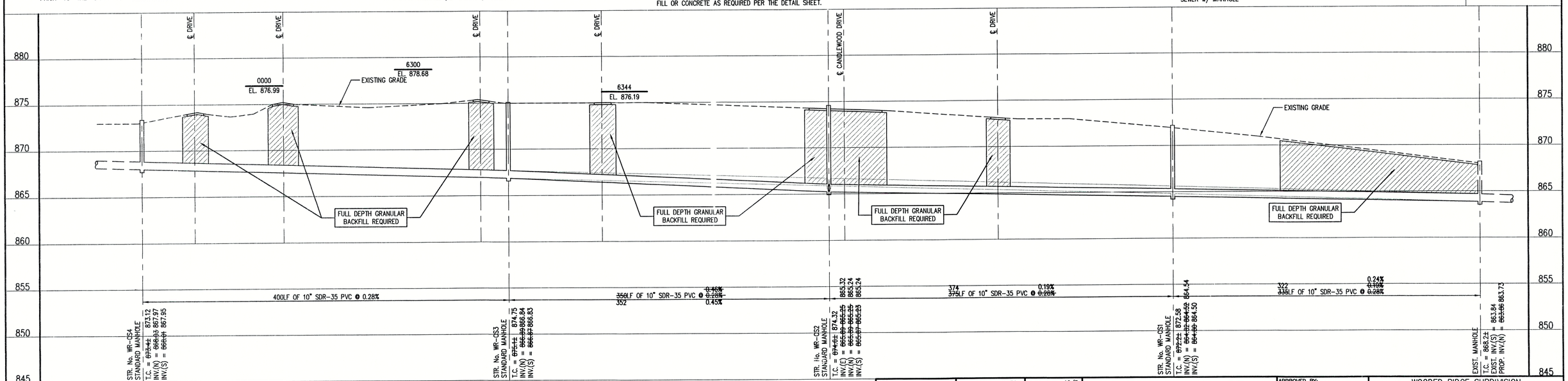
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

•	TREE	—●—	NEW SANITARY SEWER w/ MANHOLE
-O-	POWER POLE	SC	NEW SANITARY SERVICE CONNECTION
	GUY WIRE	—4"—W—	WATER LINE
	FIRE HYDRANT	—2"—G—	GAS LINE
O MB	MAILBOX	—E—	UNDERGROUND ELECTRIC LINE
FP	FLAGPOLE	—T—	UNDERGROUND TELEPHONE LINE
X 1085.2	SPOT SHOT		APPROX. RIGHT-OF-WAY
1085	CONTOUR		APPROX. CORPORATE LIMITS
—x—x—	FENCE		APPROX. PROPERTY LINE
MH	EXIST. SANITARY SEWER w/ MANHOLE	○W	EXISTING WATER WELL
		■S	EXISTING SEPTIC TANK

NORTH

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



NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: SR67_1-RD	PLOT SCALE: 1=50	PLOT DATE: 12/3	
NO.	DATE	DESCRIPTION	BY

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY:
THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	3 OF 13

DESIGNED BY: D.A. Pauling
CHECKED BY: James W. Frazell, P.E.

C:\Dwg\WORKGS\Record\SR67_1_HD.dwg, 12/03/01 10:15:21 AM, Trial default.pc3

NOTE:

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

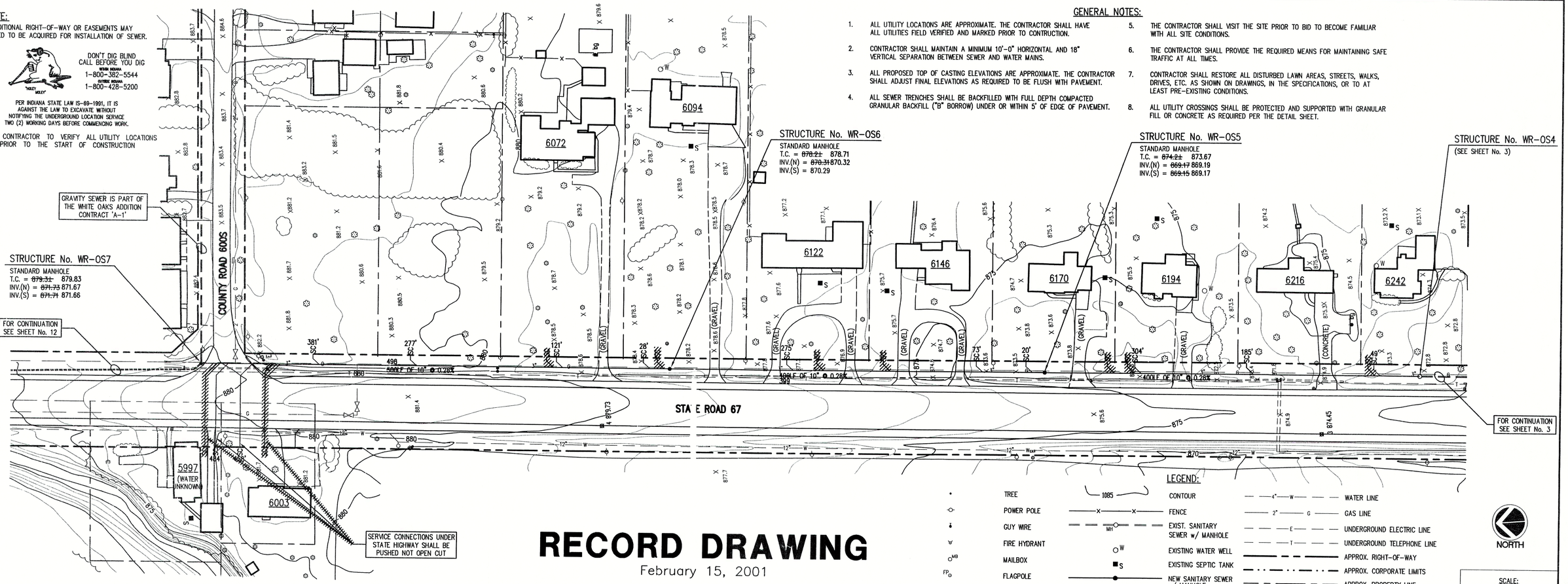
DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
1-800-428-5200

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

GENERAL NOTES:

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.



RECORD DRAWING

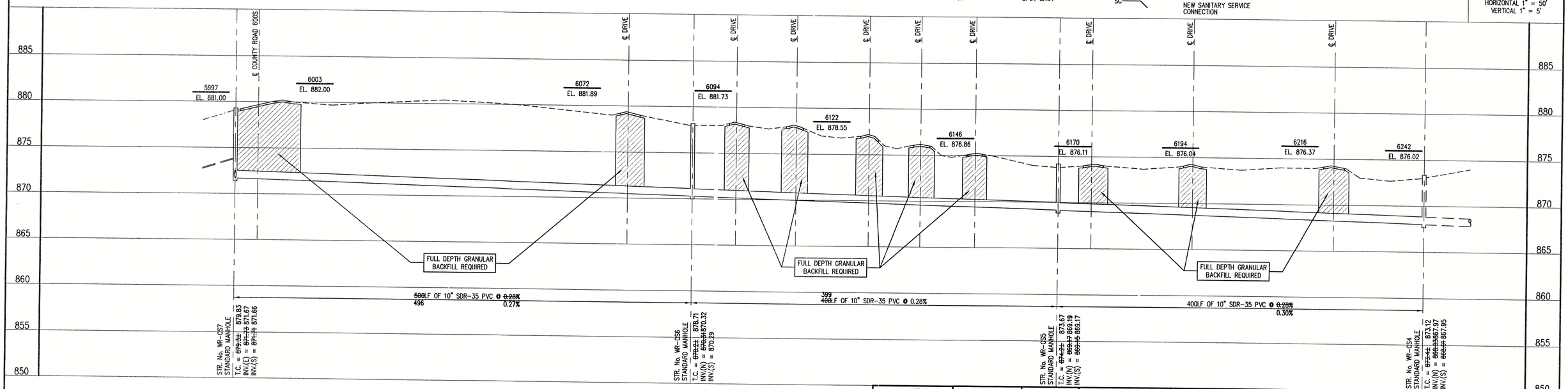
February 15, 2001

LEGEND:

TREE	CONTOUR	WATER LINE	
POWER POLE	FENCE	GAS LINE	
GUY WIRE	EXIST. SANITARY SEWER w/ MANHOLE	UNDERGROUND ELECTRIC LINE	
FIRE HYDRANT	EXISTING WATER WELL	UNDERGROUND TELEPHONE LINE	
MAILBOX	EXISTING SEPTIC TANK	APPROX. RIGHT-OF-WAY	
FLAGPOLE	NEW SANITARY SEWER w/ MANHOLE	APPROX. CORPORATE LIMITS	
SPOT SHOT	NEW SANITARY SERVICE CONNECTION	APPROX. PROPERTY LINE	

NORTH

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



NOTE:

THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: SR67_2-RD	PLOT SCALE: 1=50	PLOT DATE: 12/3	
NO.	DATE	DESCRIPTION	BY

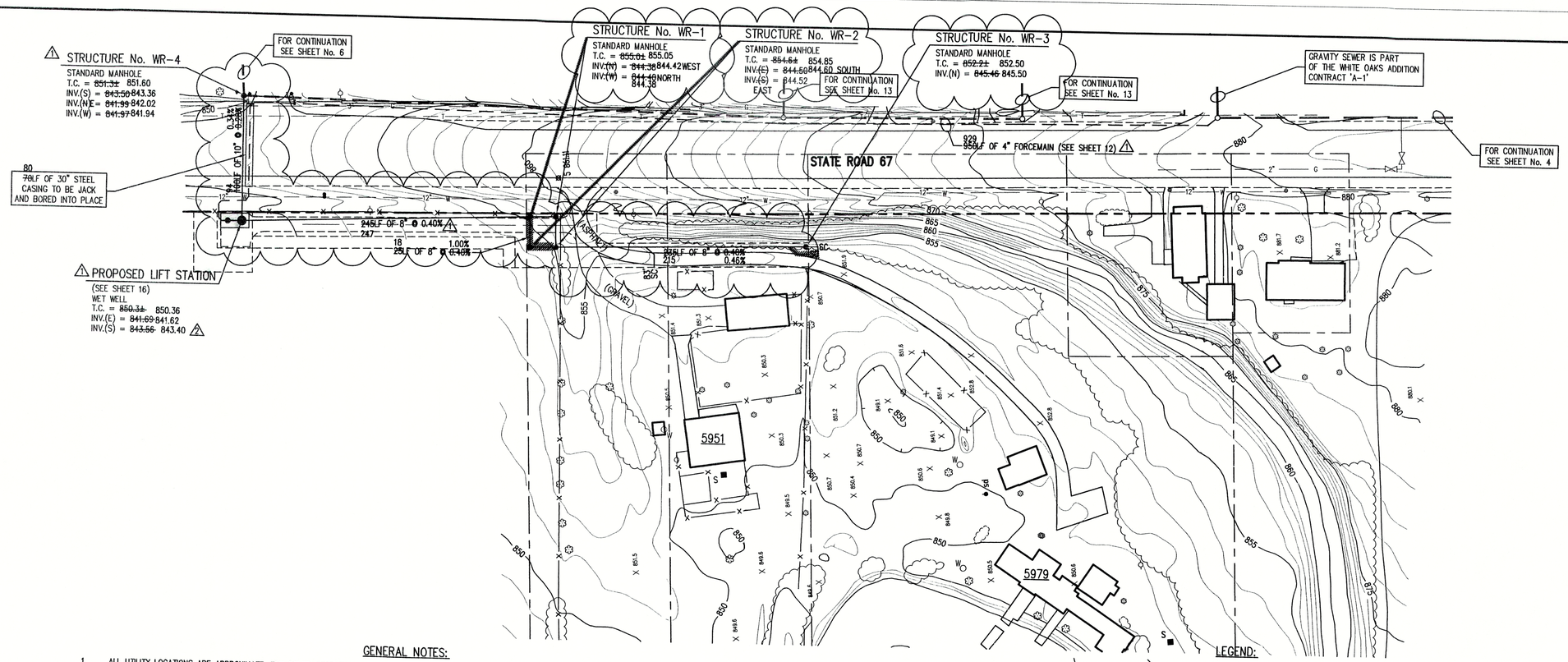
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 4
	SCALE AS NOTED		OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



NOTE:

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
INSIDE INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

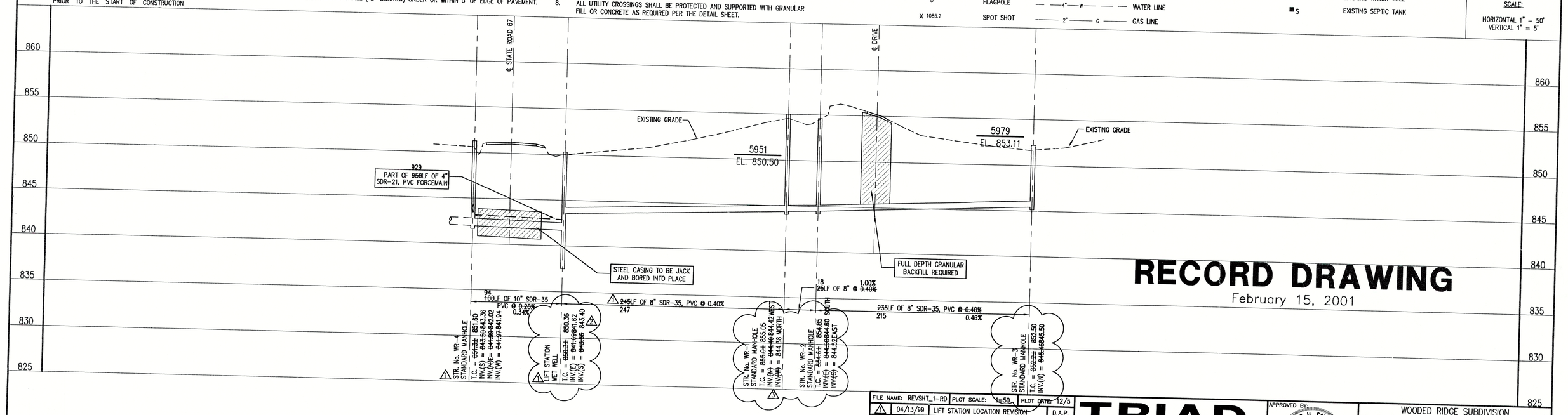
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

- TREE
- POWER POLE
- GUY WIRE
- FIRE HYDRANT
- MAILBOX
- FLAGPOLE
- SPOT SHOT (X 1085.2)
- CONTOUR (1085)
- FENCE
- EXIST. SANITARY SEWER w/ MANHOLE
- NEW SANITARY SEWER w/ MANHOLE
- NEW SANITARY SERVICE CONNECTION
- WATER LINE
- GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- APPROX. RIGHT-OF-WAY
- APPROX. CORPORATE LIMITS
- APPROX. PROPERTY LINE
- EXISTING WATER WELL
- EXISTING SEPTIC TANK

NORTH

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



RECORD DRAWING

February 15, 2001

NOTE:

THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_1-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

NO.	DATE	DESCRIPTION	BY
1	04/13/99	LIFT STATION LOCATION REVISION	D.A.P.
2	03/16/00	ELEVATION CHANGE	D.A.P.
3	03/16/00	DIRECTION CHANGE	D.A.P.

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 5
	SCALE AS NOTED		OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

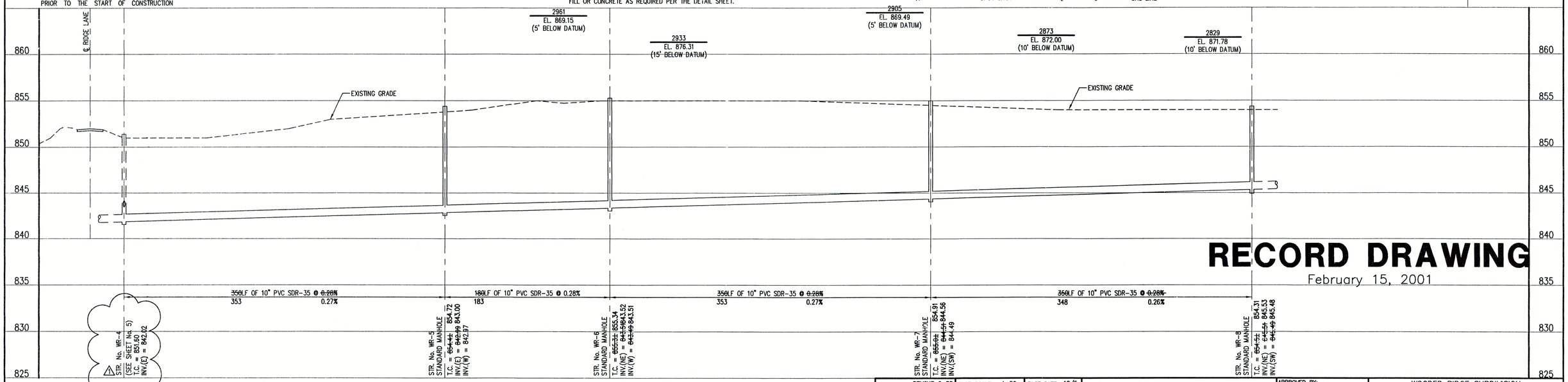
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE	1085 CONTOUR	E	UNDERGROUND ELECTRIC LINE
POWER POLE	FENCE	T	UNDERGROUND TELEPHONE LINE
GUY WIRE	MH EXIST. SANITARY SEWER w/ MANHOLE		APPROX. RIGHT-OF-WAY
FIRE HYDRANT	NEW SANITARY SEWER w/ MANHOLE		APPROX. CORPORATE LIMITS
MB MAILBOX	SC NEW SANITARY SERVICE CONNECTION		APPROX. PROPOERTY LINE
FP FLAGPOLE	4" W WATER LINE	W	EXISTING WATER WELL
X 1085.2 SPOT SHOT	2" G GAS LINE	S	EXISTING SEPTIC TANK

NORTH

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



RECORD DRAWING

February 15, 2001

NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_2-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

NO.	DATE	DESCRIPTION	BY
1	04/13/99	LIFT STATION LOCATION REVISION	D.A.P.

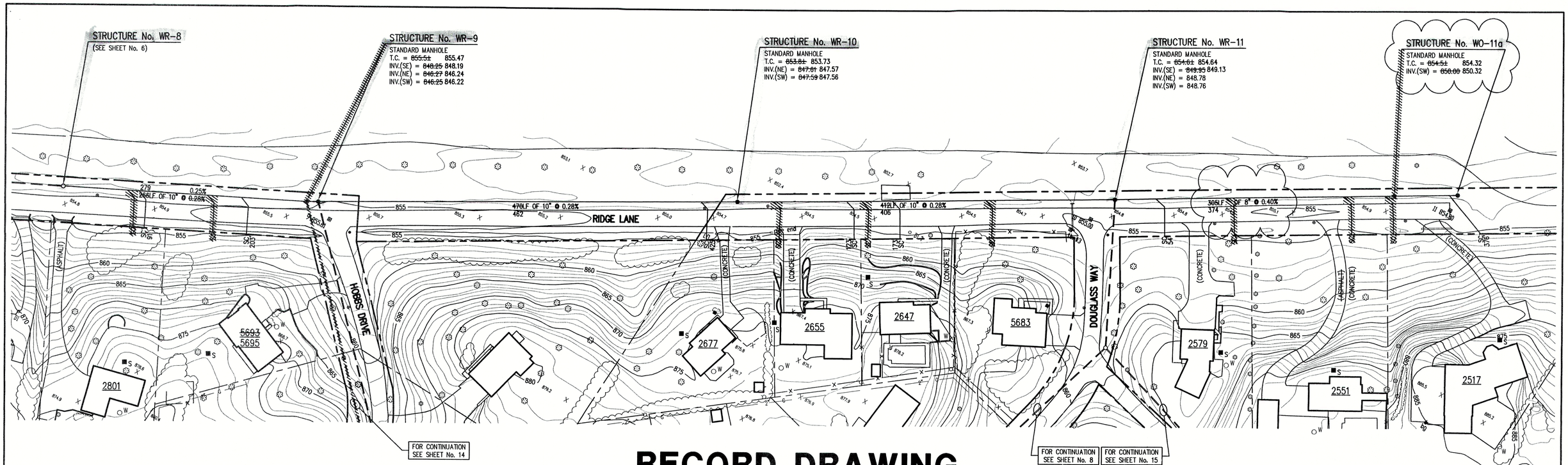
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	6 OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



RECORD DRAWING

February 15, 2001

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
INSIDE INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

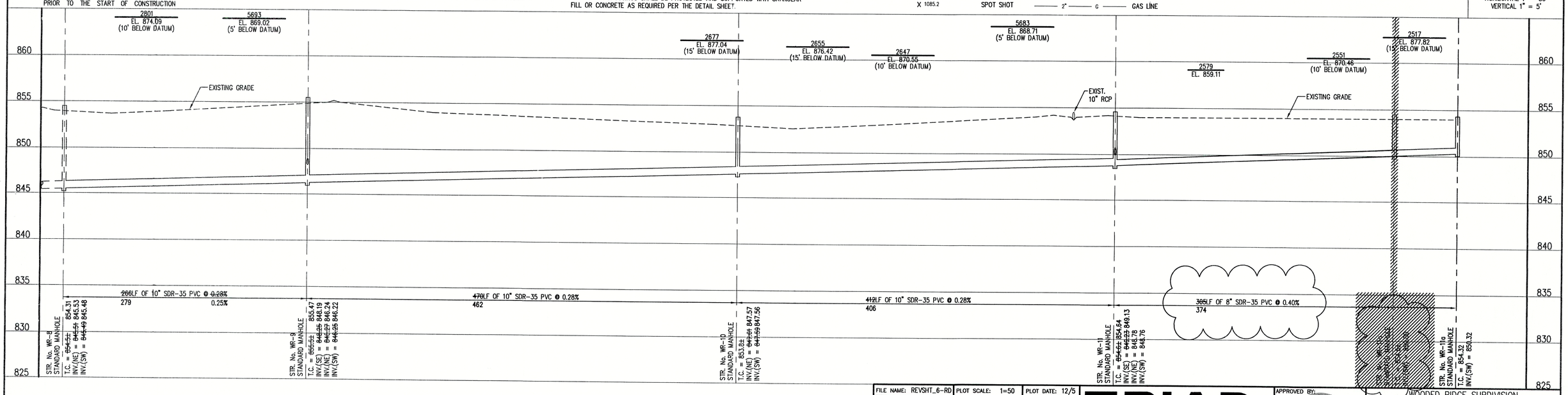
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE	1085 CONTOUR		UNDERGROUND ELECTRIC LINE
POWER POLE	FENCE		UNDERGROUND TELEPHONE LINE
GUY WIRE	EXIST. SANITARY SEWER w/ MANHOLE		APPROX. RIGHT-OF-WAY
FIRE HYDRANT	NEW SANITARY SEWER w/ MANHOLE		APPROX. CORPORATE LIMITS
MAILBOX	NEW SANITARY SERVICE CONNECTION		APPROX. PROPERTY LINE
FLAGPOLE	WATER LINE		EXISTING WATER WELL
SPOT SHOT	GAS LINE		EXISTING SEPTIC TANK

NORTH

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



NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_6-RD	PLOT SCALE: 1=50	PLOT DATE: 12/5	
NO.	DATE	DESCRIPTION	BY

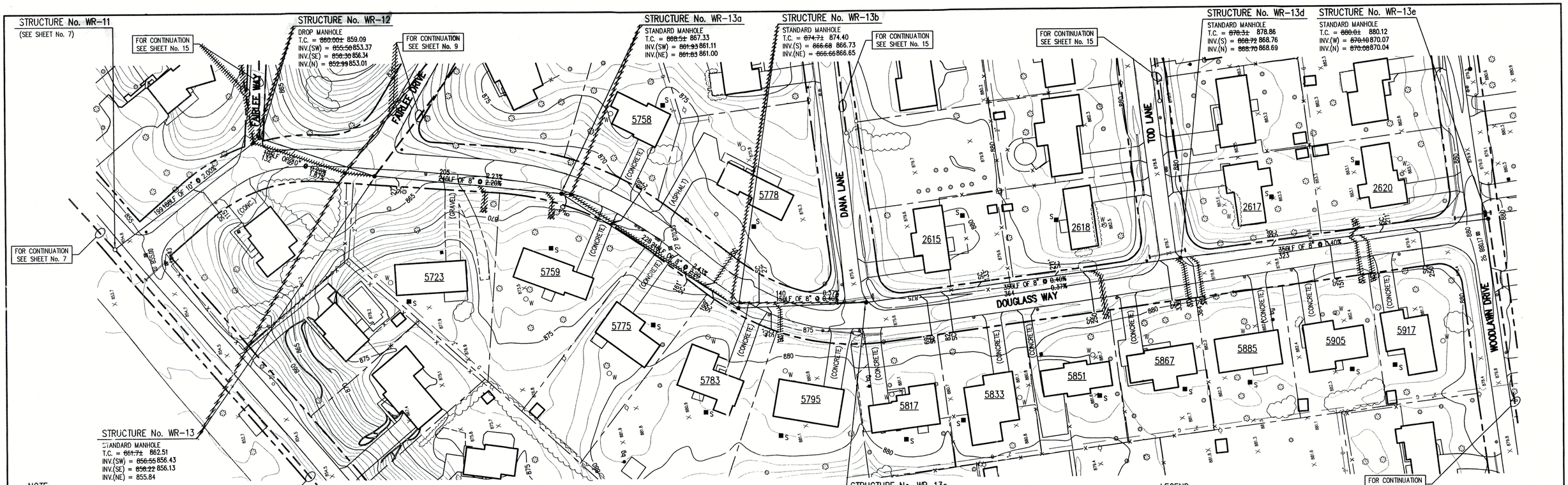
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY:
THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	7 OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



NOTE:

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

DON'T DIG BLIND
CALL BEFORE YOU DIG
INSIDE INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

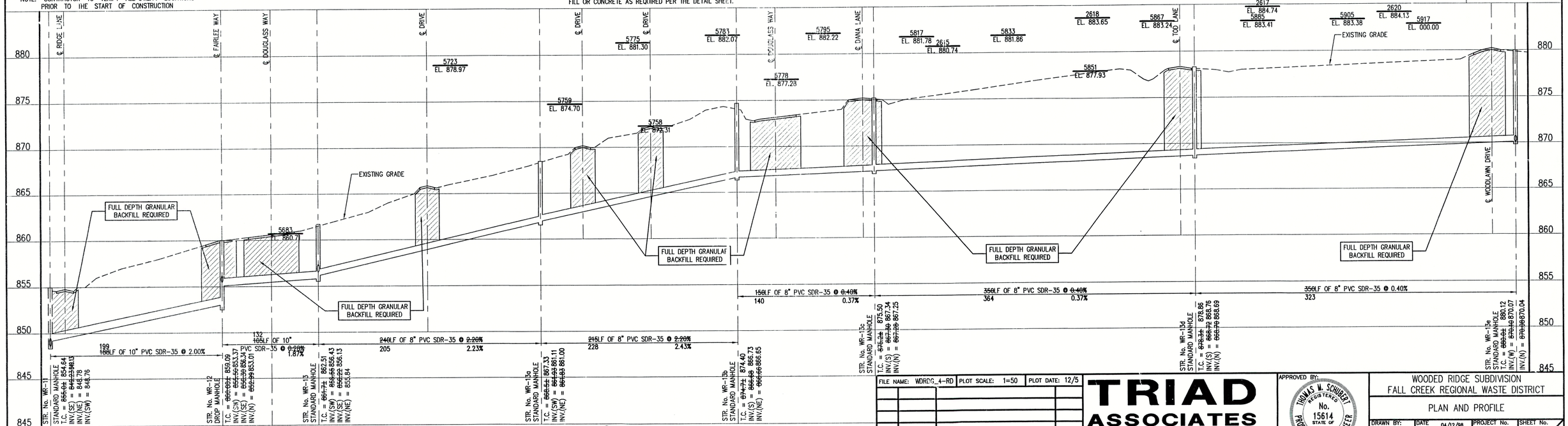
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE	CONTOUR
POWER POLE	FENCE
GUY WIRE	EXIST. SANITARY SEWER w/ MANHOLE
FIRE HYDRANT	NEW SANITARY SEWER w/ MANHOLE
MAILBOX	NEW SANITARY SERVICE CONNECTION
FLAGPOLE	WATER LINE
SPOT SHOT	GAS LINE
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND TELEPHONE LINE
	APPROX. RIGHT-OF-WAY
	APPROX. CORPORATE LIMITS
	APPROX. PROPERTY LINE
	EXISTING WATER WELL
	EXISTING SEPTIC TANK

NORTH

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



RECORD DRAWING

February 15, 2001

NOTE: THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

NO.	DATE	DESCRIPTION	BY

FILE NAME: WDRDG_4-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

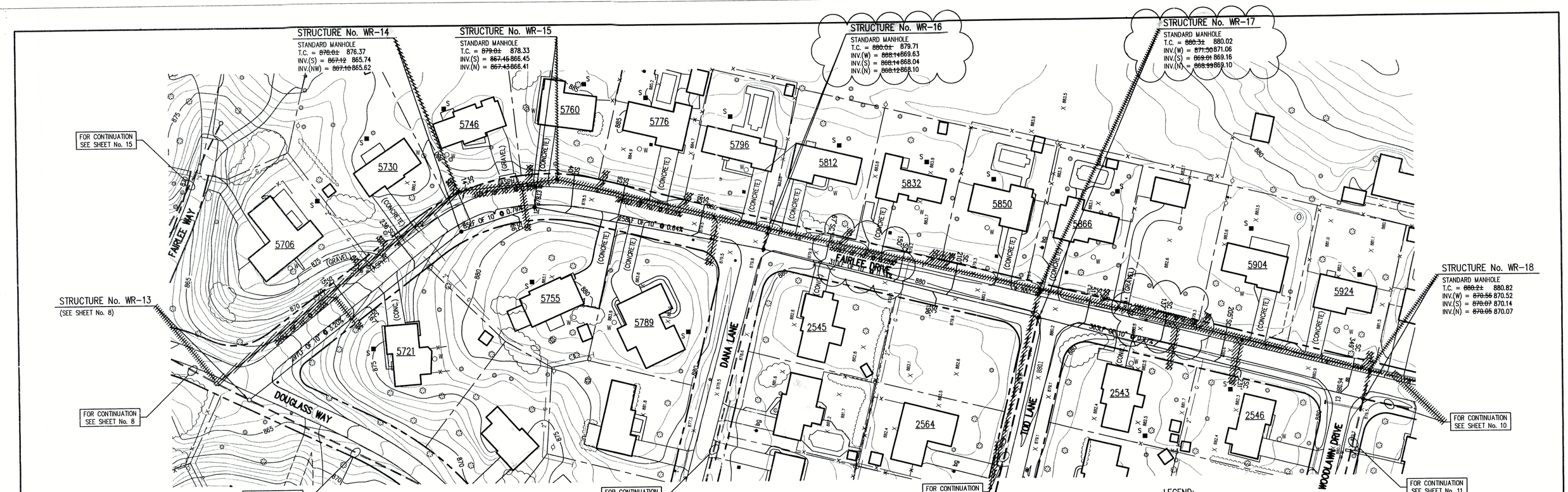
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY:
THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	8 OF 18
DESIGNED BY:	D.A. Pauling		
CHECKED BY:	James W. Frazell, P.E.		



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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

GENERAL NOTES:

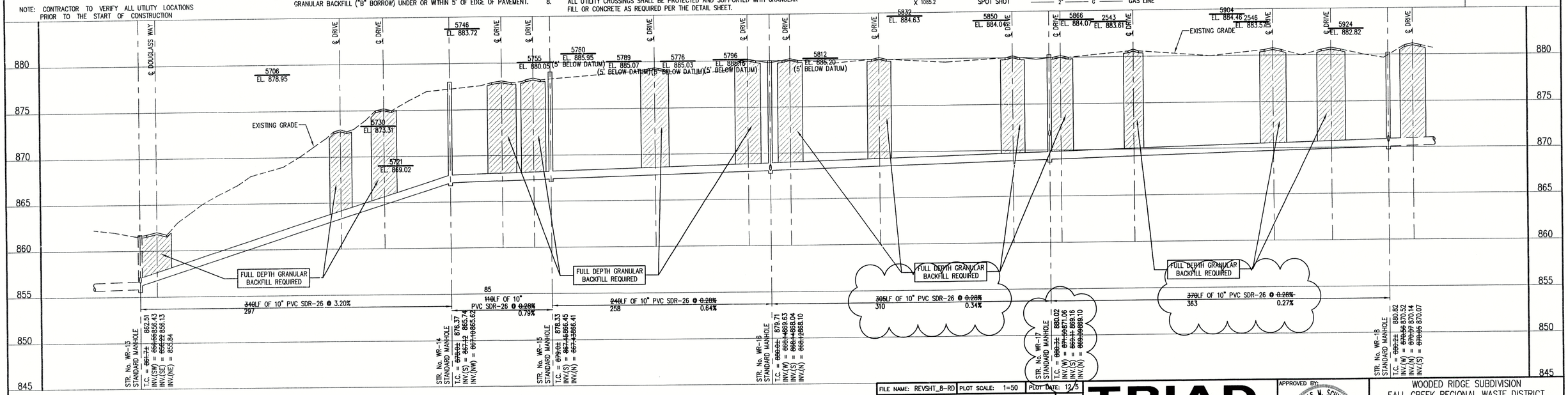
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED LANES FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

•	TREE	1085	CONTOUR
	POWER POLE	—x—x—	FENCE
	GUY WIRE	—MH—	EXIST. SANITARY SEWER w/ MANHOLE
	FIRE HYDRANT	—●—	NEW SANITARY SEWER w/ MANHOLE
MB	MAILBOX	SC	NEW SANITARY SERVICE CONNECTION
FP	FLAGPOLE	—4"—W—	WATER LINE
X 1085.2	SPOT SHOT	—2"—G—	GAS LINE
		—E—	UNDERGROUND ELECTRIC LINE
		—T—	UNDERGROUND TELEPHONE LINE
			APPROX. RIGHT-OF-WAY
			APPROX. CORPORATE LIMITS
			APPROX. PROPERTY LINE
		W	EXISTING WATER WELL
		S	EXISTING SEPTIC TANK

NORTH

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



RECORD DRAWING

February 15, 2001

NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

NO.	DATE	DESCRIPTION	BY

FILE NAME: REVSHT_8-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

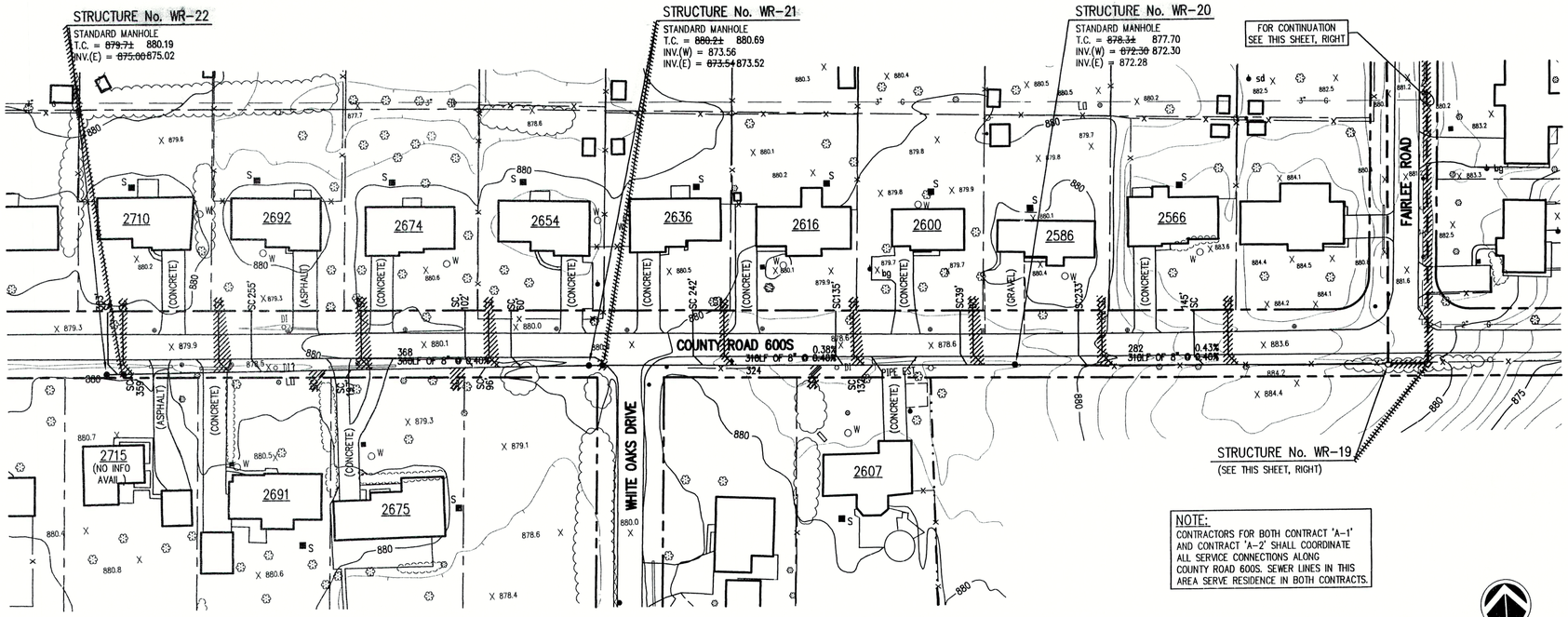
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY:
THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

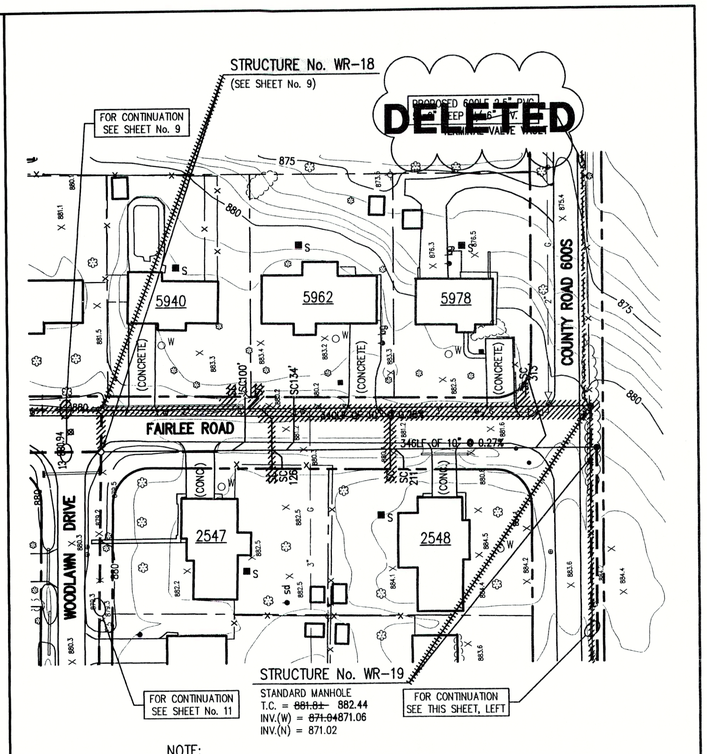
PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	9 OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



NOTE:
CONTRACTORS FOR BOTH CONTRACT 'A-1' AND CONTRACT 'A-2' SHALL COORDINATE ALL SERVICE CONNECTIONS ALONG COUNTY ROAD 600S. SEWER LINES IN THIS AREA SERVE RESIDENCE IN BOTH CONTRACTS.

NORTH



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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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

NORTH

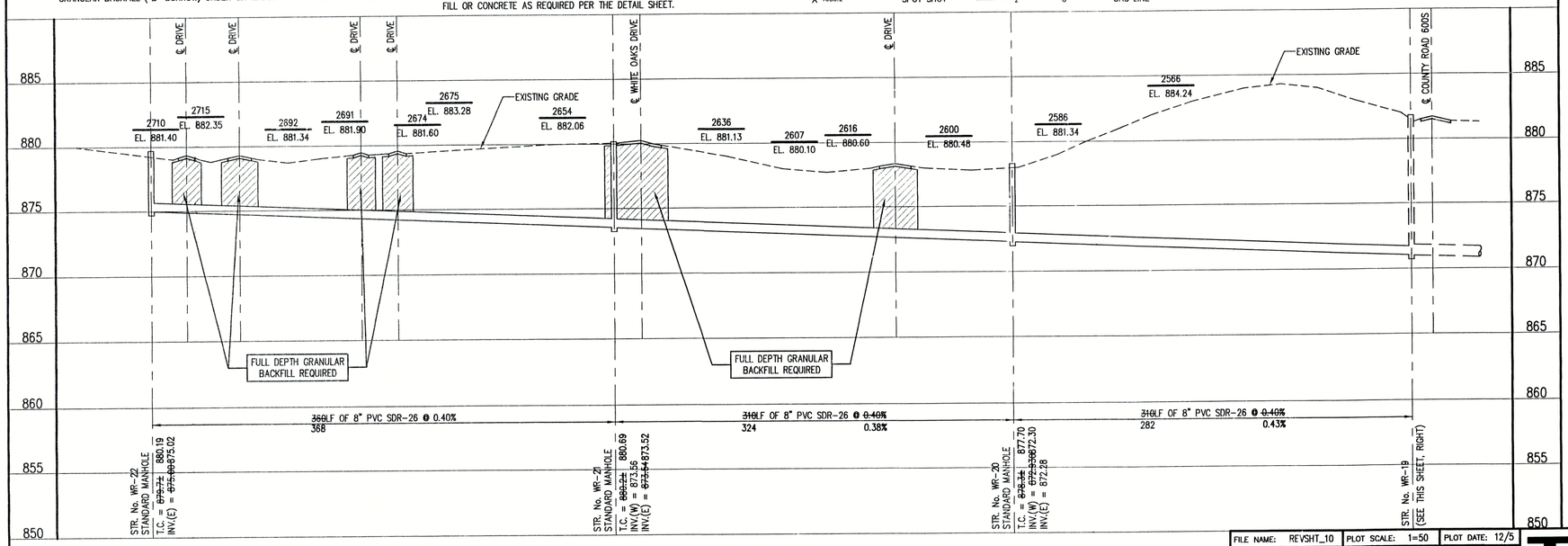
SCALE:
HORIZONTAL 1" = 50'
VERTICAL 1" = 5'

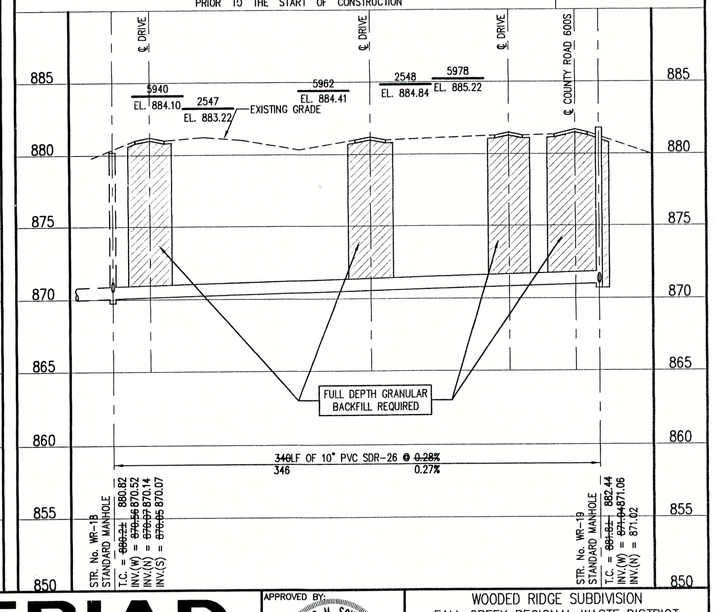
GENERAL NOTES:

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE		CONTOUR	UNDERGROUND ELECTRIC LINE
POWER POLE		FENCE	UNDERGROUND TELEPHONE LINE
GUY WIRE		EXIST. SANITARY SEWER w/ MANHOLE	APPROX. RIGHT-OF-WAY
FIRE HYDRANT		NEW SANITARY SEWER w/ MANHOLE	APPROX. CORPORATE LIMITS
MAILBOX	SC	NEW SANITARY SERVICE CONNECTION	APPROX. PROPERTY LINE
FLAGPOLE		WATER LINE	EXISTING WATER WELL
SPOT SHOT	X 1085.2	GAS LINE	EXISTING SEPTIC TANK





RECORD DRAWING

February 15, 2001

NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_10	PLOT SCALE: 1=50	PLOT DATE: 12/5	
NO.	DATE	DESCRIPTION	BY

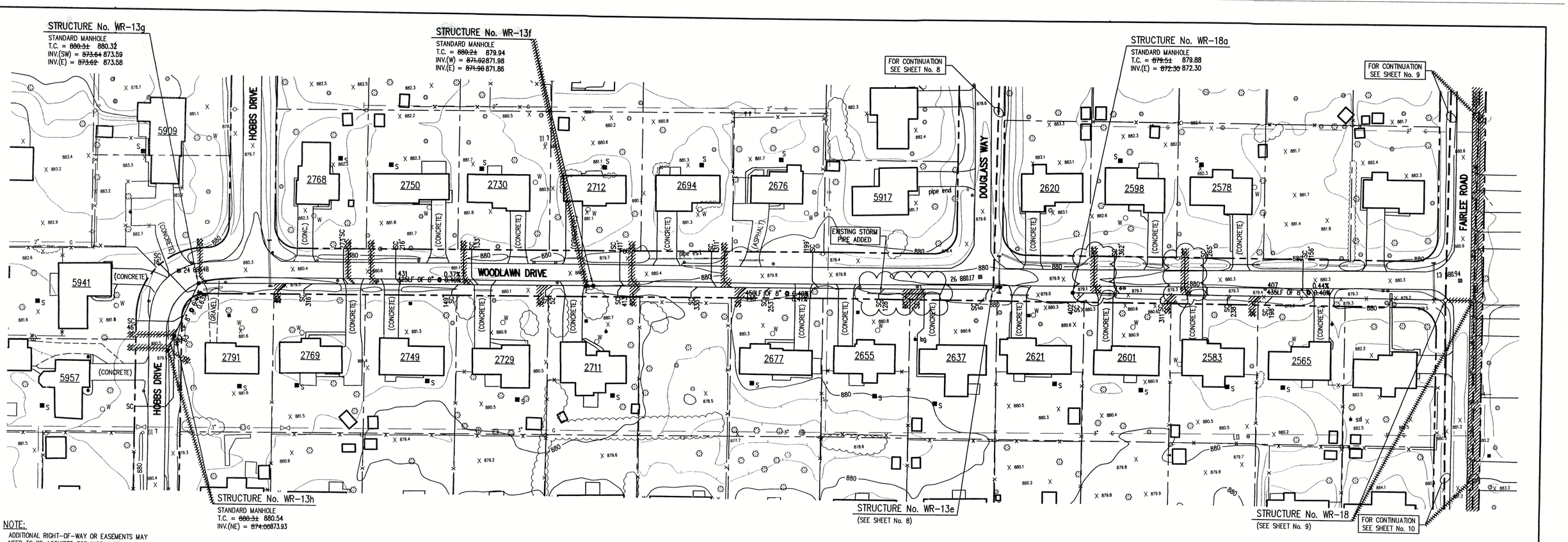
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY:
THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 10
	SCALE AS NOTED		OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA 1-800-382-5544
OUTSIDE INDIANA 1-800-428-5200
"HOLE HOG"

PER INDIANA STATE LAW IS-69-1901, 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

GENERAL NOTES:

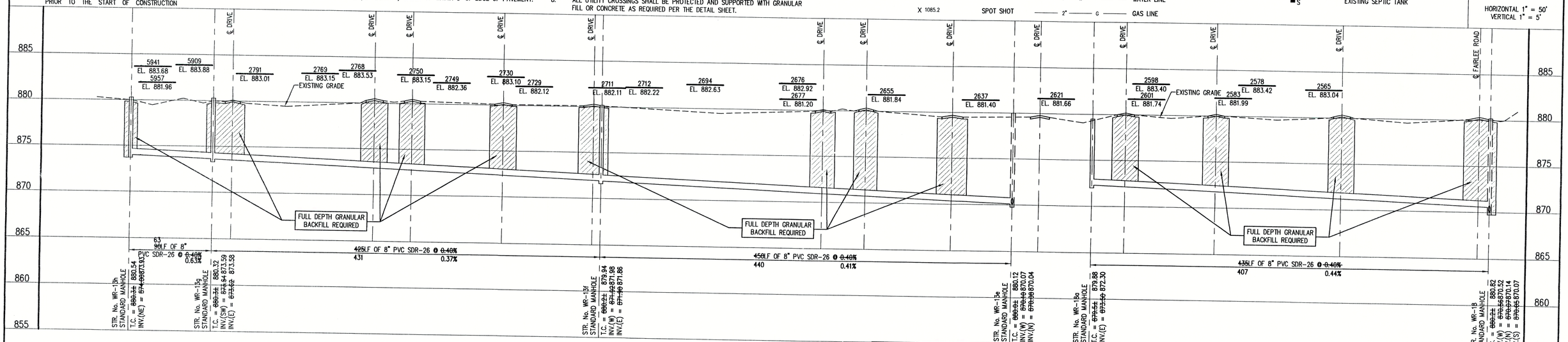
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE	1085 CONTOUR	E	UNDERGROUND ELECTRIC LINE
POWER POLE	FENCE	T	UNDERGROUND TELEPHONE LINE
GUY WIRE	EXIST. SANITARY SEWER w/ MANHOLE		APPROX. RIGHT-OF-WAY
FIRE HYDRANT	NEW SANITARY SEWER w/ MANHOLE		APPROX. CORPORATE LIMITS
MAILBOX	NEW SANITARY SERVICE CONNECTION	W	APPROX. PROPERTY LINE
FLAGPOLE	WATER LINE	S	EXISTING WATER WELL
X 1085.2 SPOT SHOT	GAS LINE		EXISTING SEPTIC TANK

NORTH

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



RECORD DRAWING

February 15, 2001

NOTE:
THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_9-RD	PLOT SCALE: 1=50	PLOT DATE: 12/5	
NO.	DATE	DESCRIPTION	BY

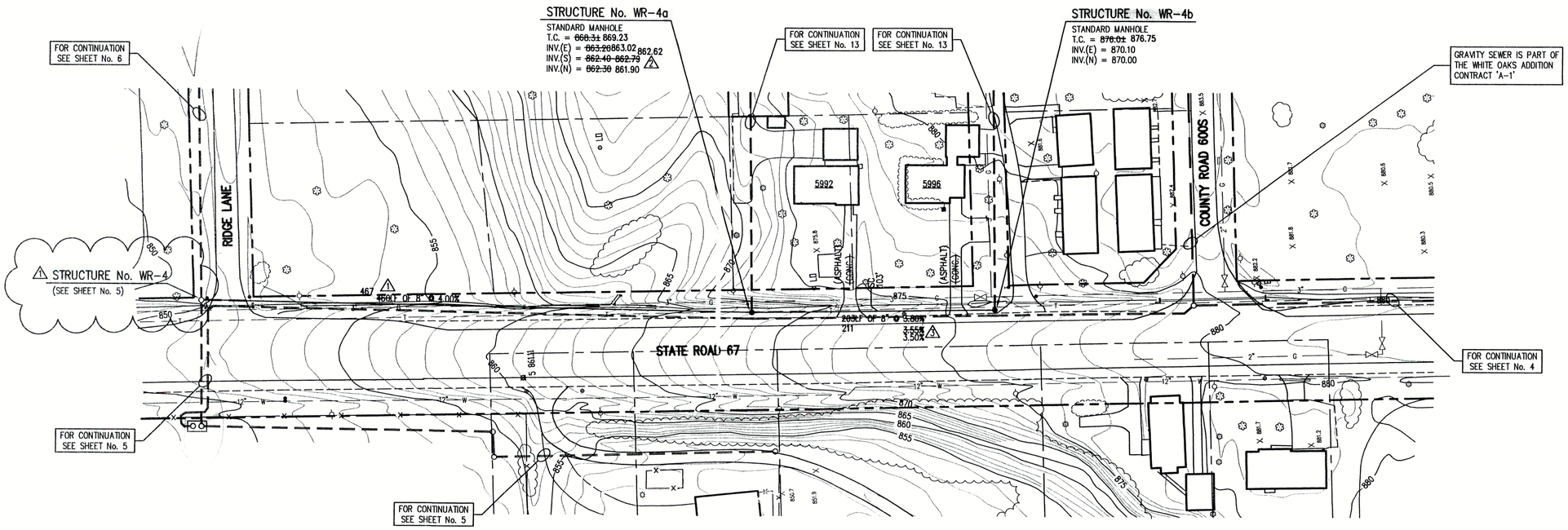
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	11 OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



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

DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA
1-800-382-5544
OUTSIDE INDIANA
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.

TE: CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO THE START OF CONSTRUCTION

GENERAL NOTES:

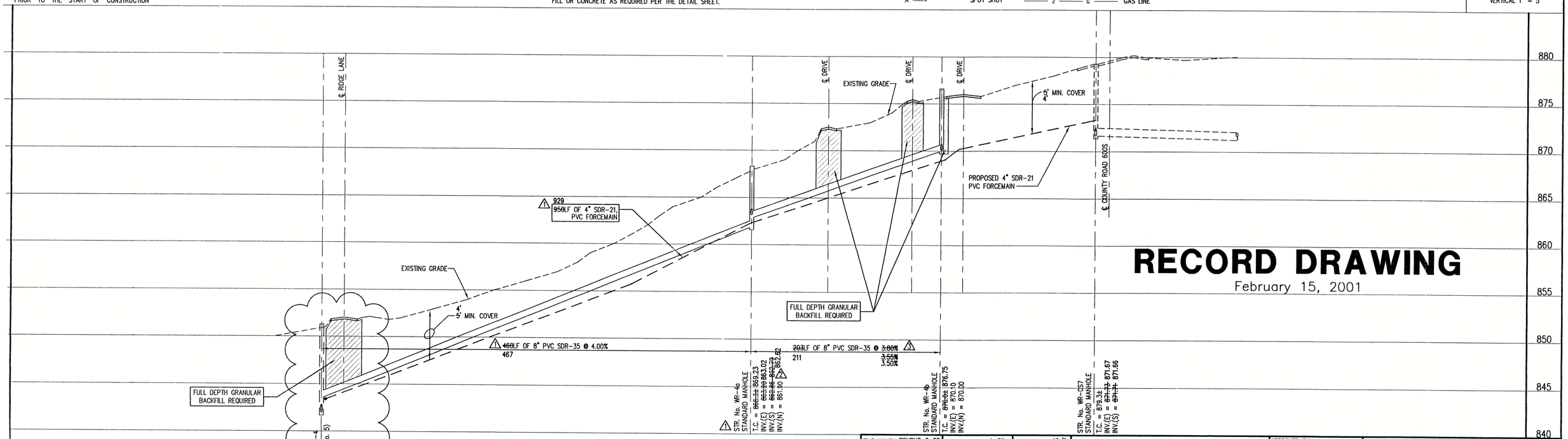
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

TREE	1085 CONTOUR	E	UNDERGROUND ELECTRIC LINE
POWER POLE	X X FENCE	T	UNDERGROUND TELEPHONE LINE
GUY WIRE	MH EXIST. SANITARY SEWER w/ MANHOLE		APPROX. RIGHT-OF-WAY
FIRE HYDRANT			APPROX. CORPORATE LIMITS
MB MAILBOX	NEW SANITARY SEWER w/ MANHOLE		APPROX. PROPERTY LINE
FP FLAGPOLE	SC NEW SANITARY SERVICE CONNECTION	W	EXISTING WATER WELL
X 1085.2 SPOT SHOT	4" W WATER LINE	S	EXISTING SEPTIC TANK
	2" G GAS LINE		

NORTH

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



RECORD DRAWING
February 15, 2001

NOTE: THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

FILE NAME: REVSHT_3-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

NO.	DATE	DESCRIPTION	BY
1	04/13/99	LIFT STATION LOCATION REVISION	D.A.P.
2	03/16/00	ELEVATION CHANGE	D.A.P.
3	03/16/00	GRADE CHANGE	D.A.P.

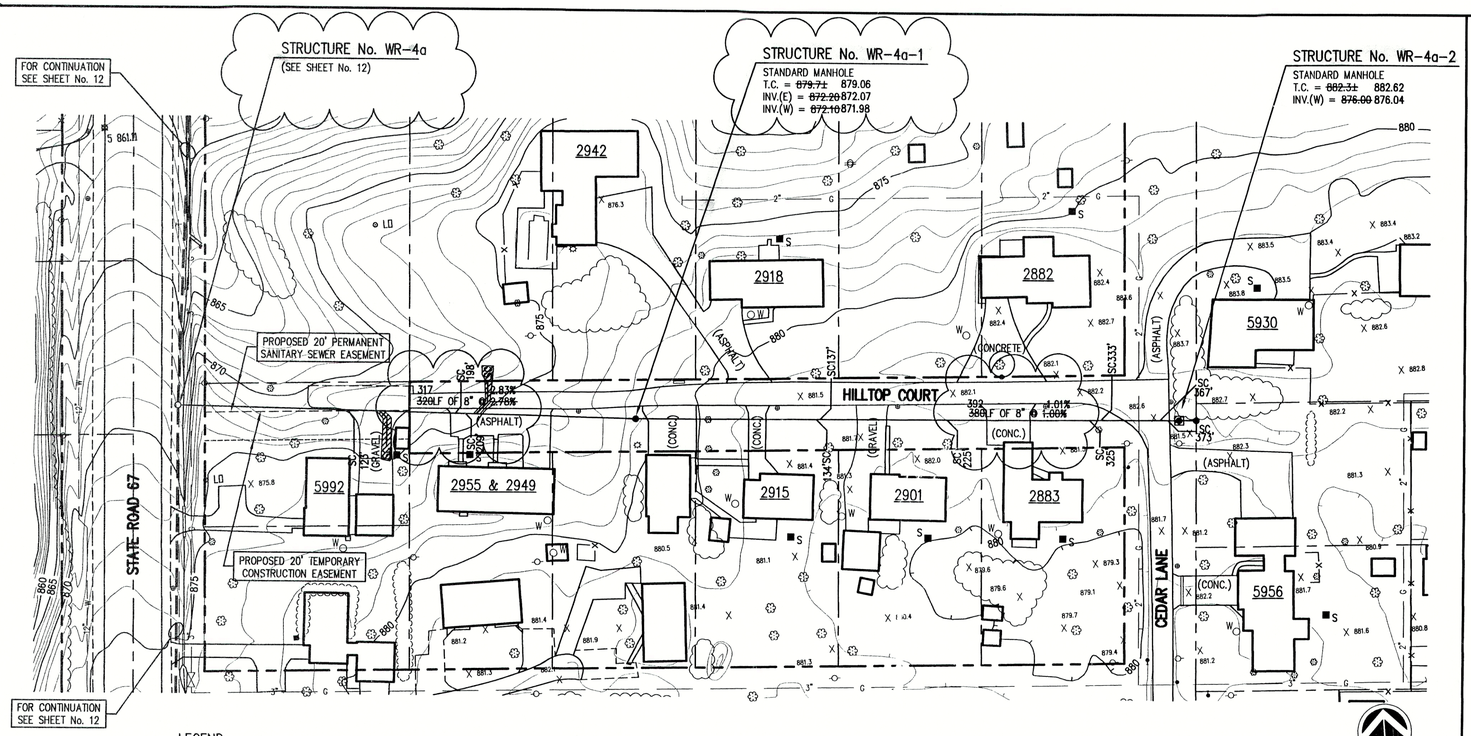
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

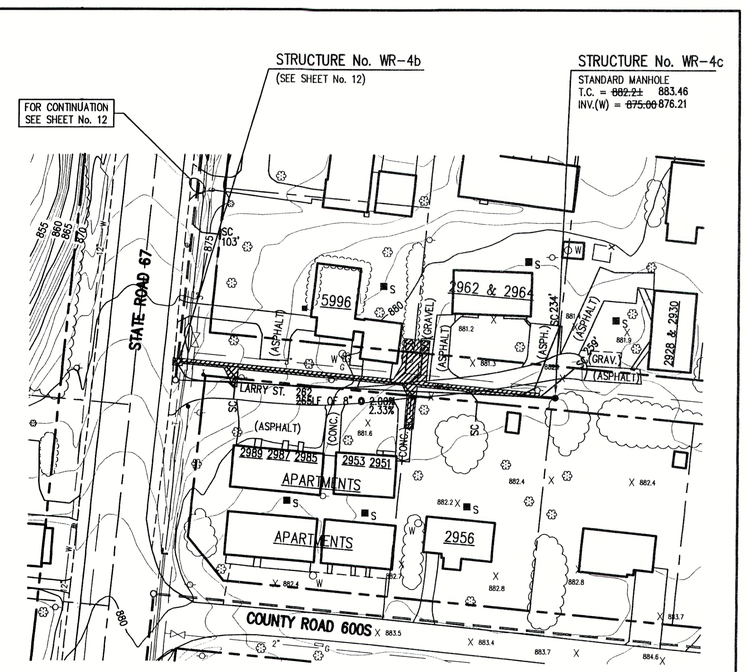
APPROVED BY:
THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	12 OF 18
DESIGNED BY:	D.A. Pauling		
CHECKED BY:	James W. Frazell, P.E.		





LEGEND:

TREE	1085 CONTOUR	E	UNDERGROUND ELECTRIC LINE
POWER POLE	FENCE	T	UNDERGROUND TELEPHONE LINE
GUY WIRE	EXIST. SANITARY SEWER w/ MANHOLE (MH)		APPROX. RIGHT-OF-WAY
FIRE HYDRANT	NEW SANITARY SEWER w/ MANHOLE		APPROX. CORPORATE LIMITS
MB MAILBOX	SC NEW SANITARY SERVICE CONNECTION		APPROX. PROPERTY LINE
FP FLAGPOLE	4" W WATER LINE	W	EXISTING WATER WELL
X 1085.2 SPOT SHOT	2" G GAS LINE	S	EXISTING SEPTIC TANK

GENERAL NOTES:

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

NOTE:

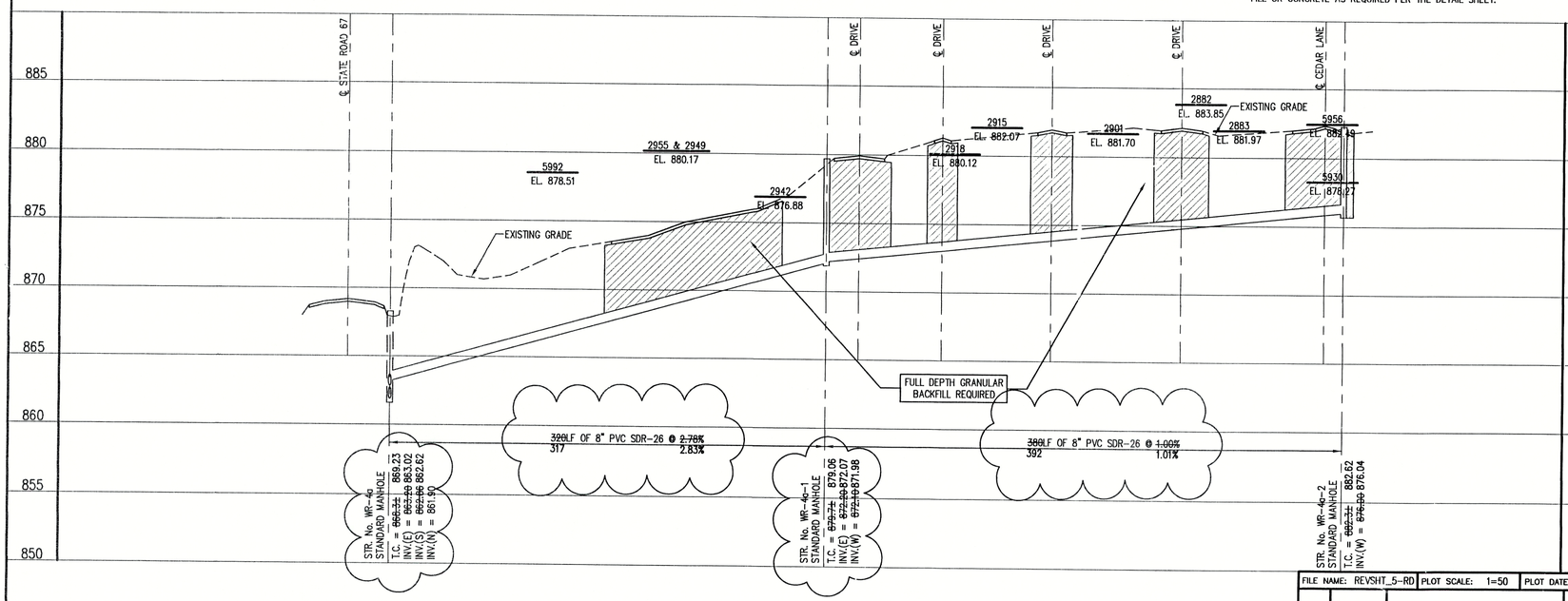
ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY NEED TO BE ACQUIRED FOR INSTALLATION OF SEWER.

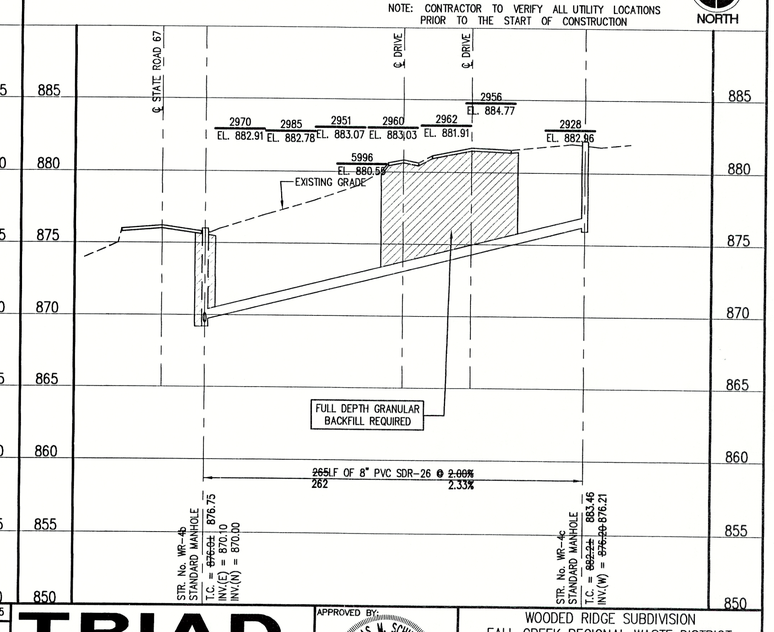
DON'T DIG BLIND
CALL BEFORE YOU DIG
WITHIN INDIANA 1-800-382-5544
OUTSIDE INDIANA 1-800-428-5200
"HOLEY MOLEY"

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

NORTH





RECORD DRAWING

February 15, 2001

NOTE:

THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

NO.	DATE	DESCRIPTION	BY

FILE NAME: REVSHT_5-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

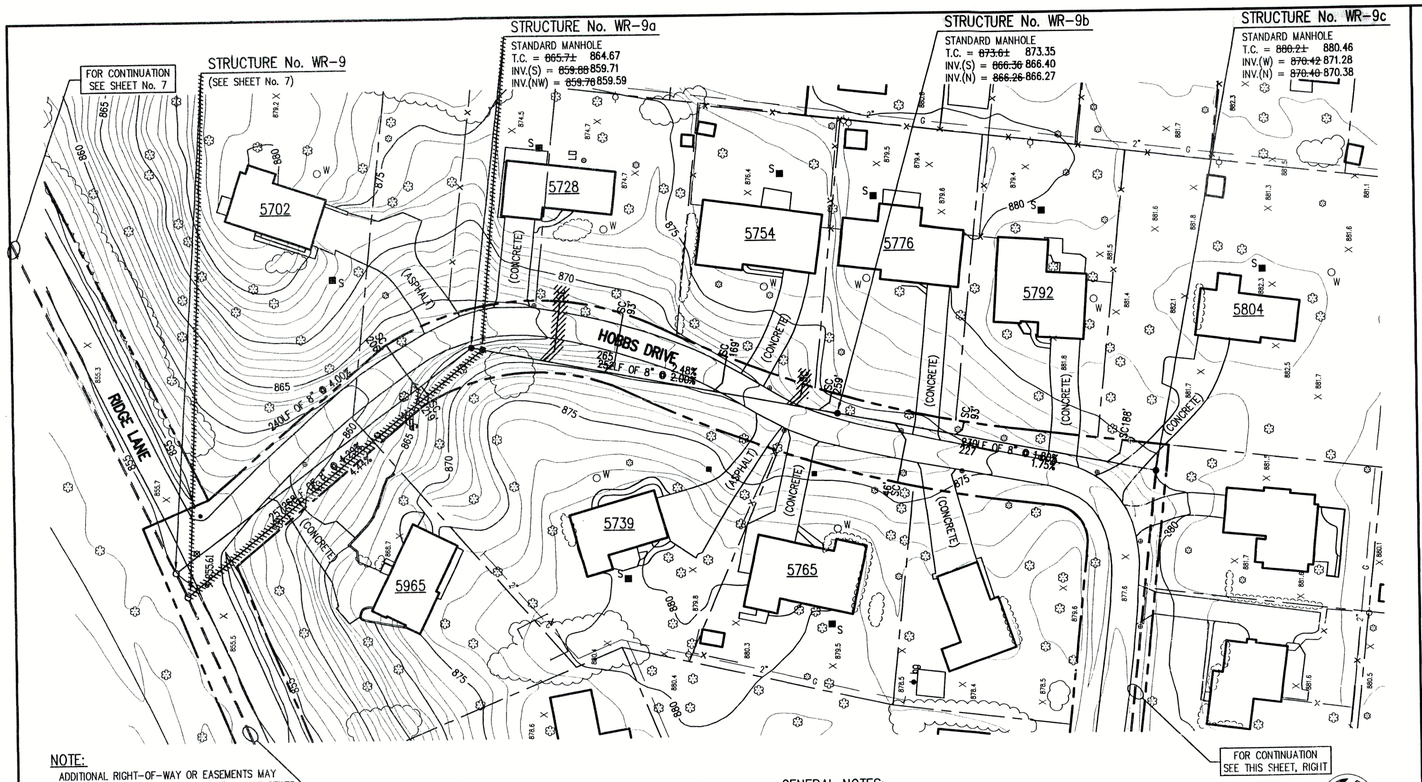
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

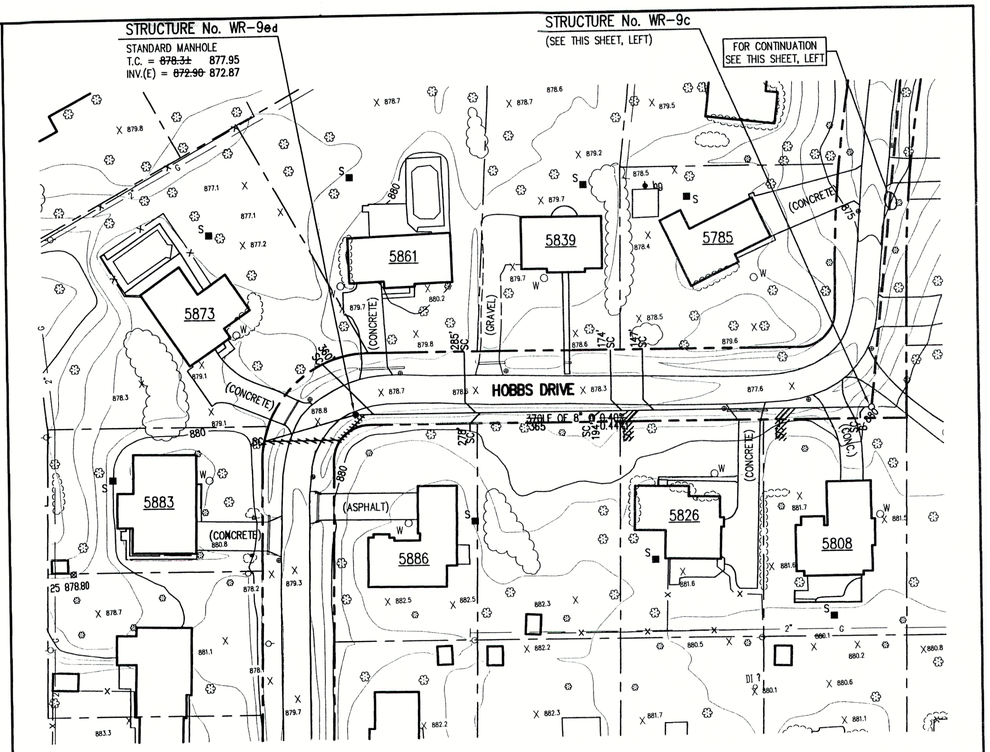
APPROVED BY: THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 13
	SCALE AS NOTED		OF 18
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			





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

DON'T DIG BLIND
CALL BEFORE YOU DIG
within Indiana
1-800-382-5544
outside Indiana
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

GENERAL NOTES:

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

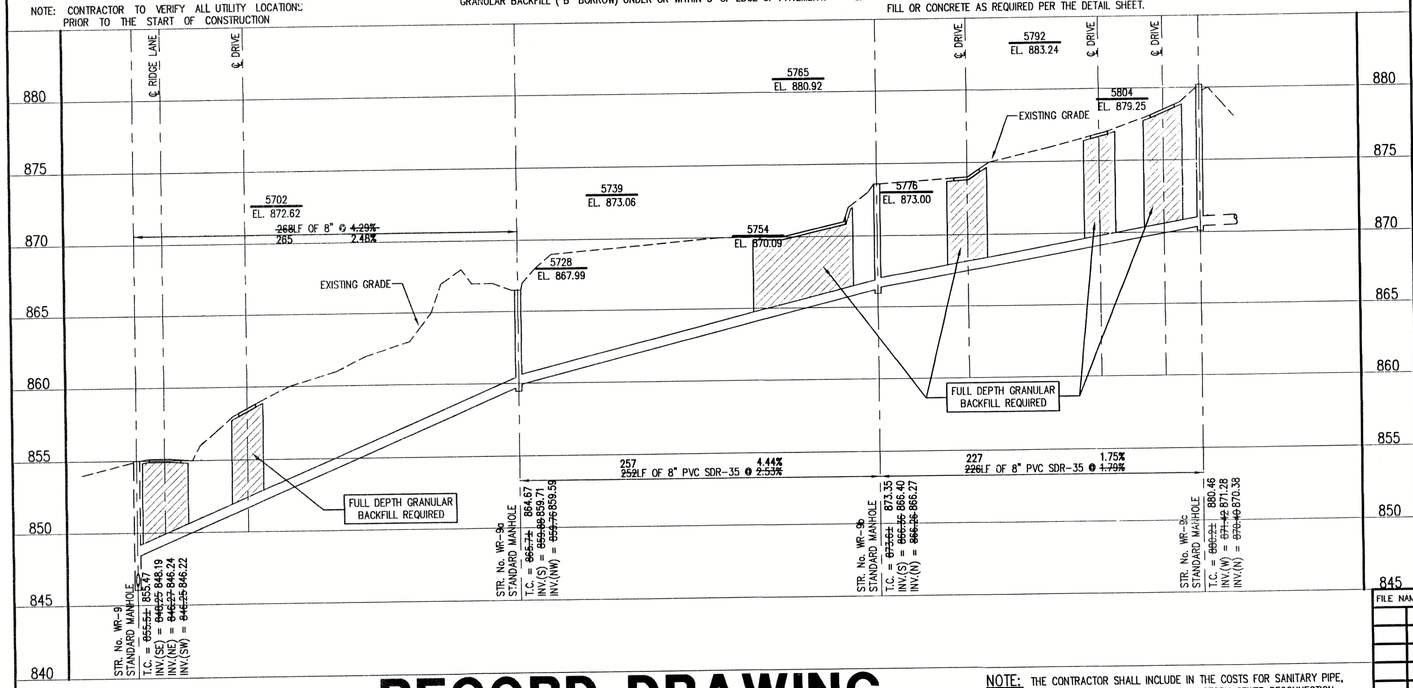
NORTH

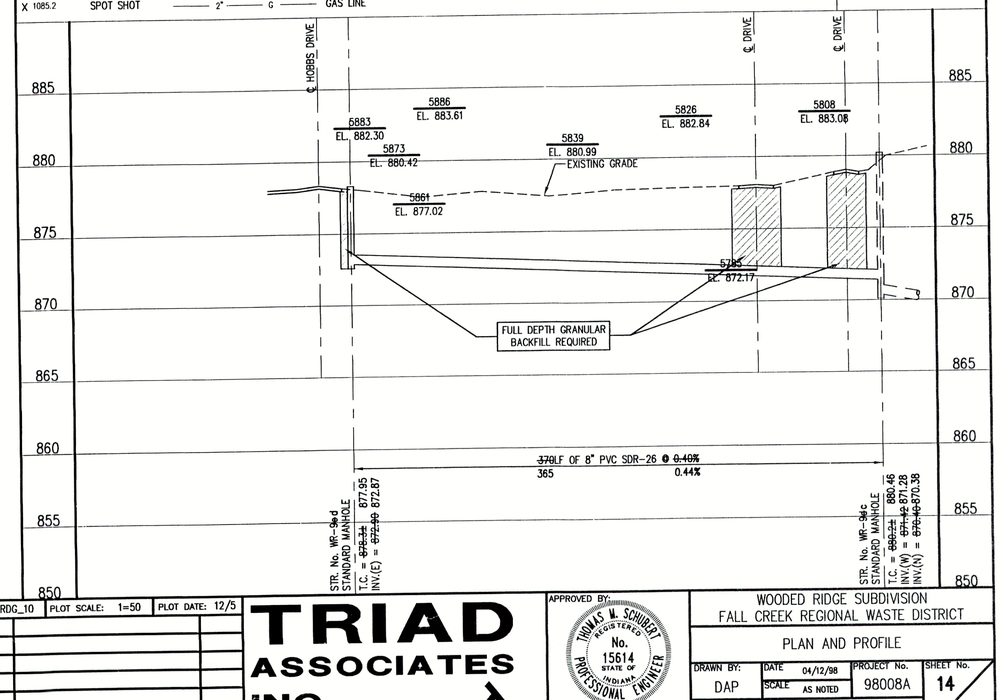
LEGEND:

TREE	1085	CONTOUR	UNDERGROUND ELECTRIC LINE
POWER POLE	X	FENCE	UNDERGROUND TELEPHONE LINE
GUY WIRE	MH	EXIST. SANITARY SEWER w/ MANHOLE	APPROX. RIGHT-OF-WAY
FIRE HYDRANT		NEW SANITARY SEWER w/ MANHOLE	APPROX. CORPORATE LIMITS
MB MAILBOX	SC	NEW SANITARY SERVICE CONNECTION	APPROX. PROPERTY LINE
FP FLAGPOLE	4" W	WATER LINE	W EXISTING WATER WELL
X 1085.2 SPOT SHOT	2" G	GAS LINE	S EXISTING SEPTIC TANK

NORTH

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





RECORD DRAWING

February 15, 2001

NOTE: THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

NO.	DATE	DESCRIPTION	BY

FILE NAME: WDRDG_10 | PLOT SCALE: 1=50 | PLOT DATE: 12/5

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

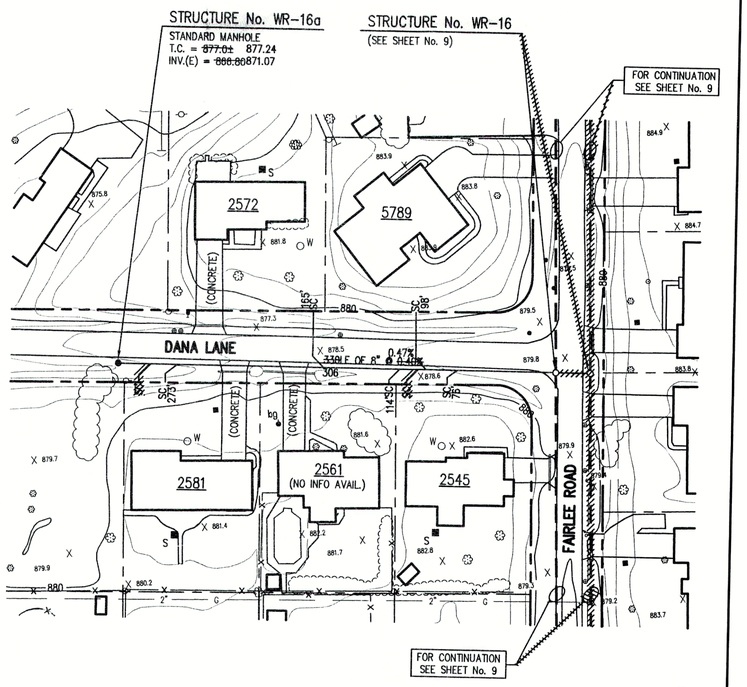
APPROVED BY: THOMAS W. SCHUBERT, REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

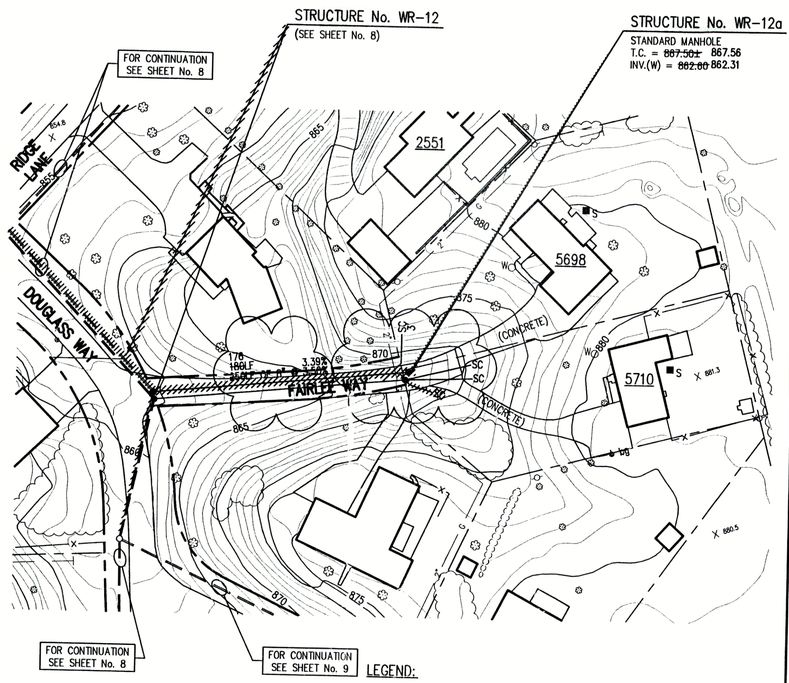
WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

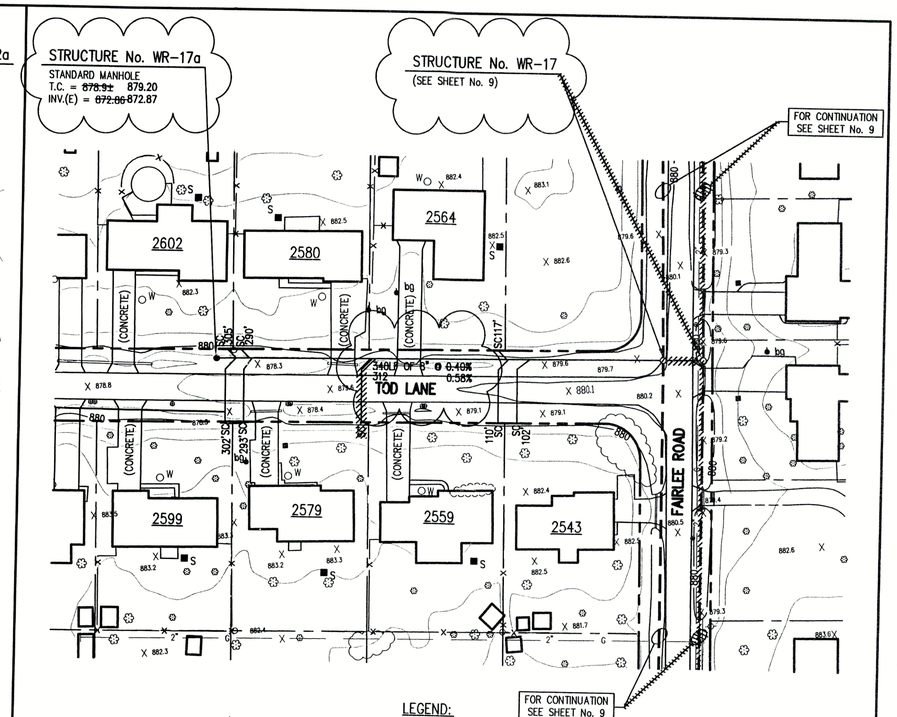
PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	14 OF 18

DESIGNED BY: D.A. Pauling
CHECKED BY: James W. Frazell, P.E.







NORTH

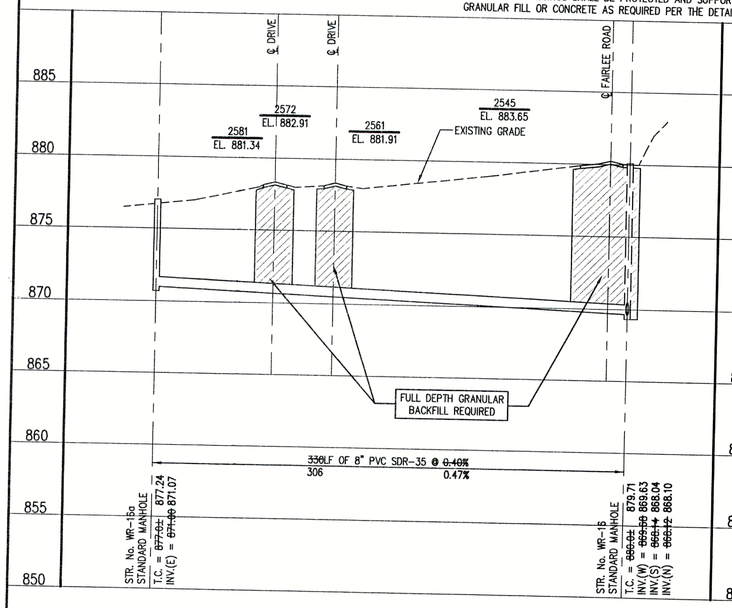
GENERAL NOTES:

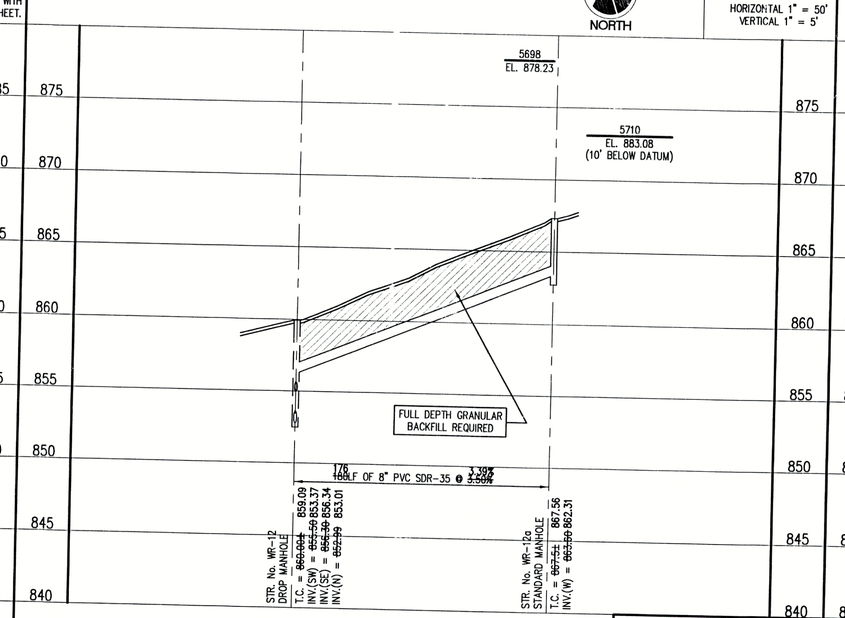
1. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL HAVE ALL UTILITIES FIELD VERIFIED AND MARKED PRIOR TO CONTRUCTION.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN SEWER AND WATER MAINS.
3. ALL PROPOSED TOP OF CASTING ELEVATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST FINAL ELEVATIONS AS REQUIRED TO BE FLUSH WITH PAVEMENT.
4. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL ("B" BORROW) UNDER OR WITHIN 5' OF EDGE OF PAVEMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS.
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. 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.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

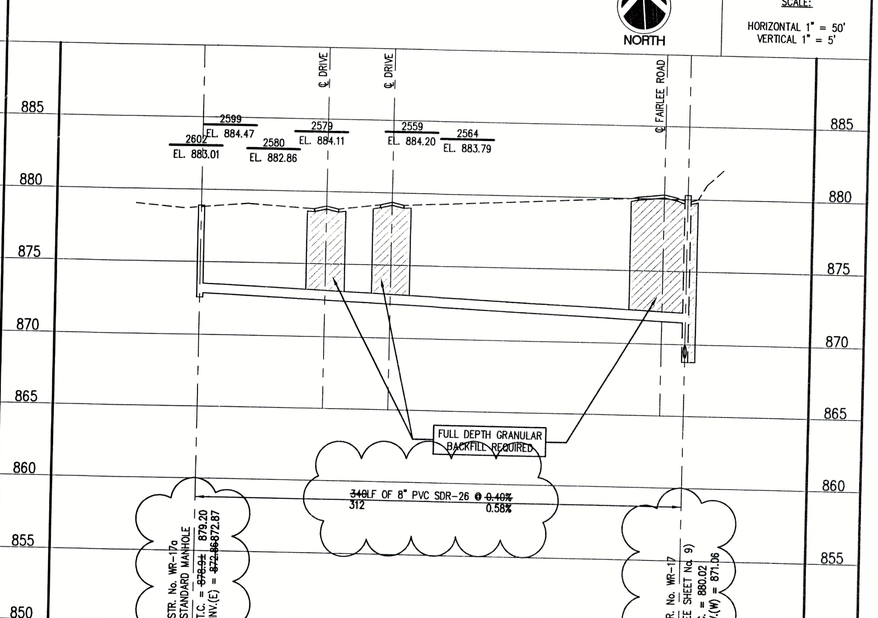
LEGEND:

TREE	1085	CONTOUR	UNDERGROUND ELECTRIC LINE
POWER POLE		FENCE	UNDERGROUND TELEPHONE LINE
GUY WIRE	MH	EXIST. SANITARY SEWER w/ MANHOLE	APPROX. RIGHT-OF-WAY
FIRE HYDRANT		NEW SANITARY SEWER w/ MANHOLE	APPROX. CORPORATE LIMITS
MAILBOX	SC	NEW SANITARY SERVICE CONNECTION	APPROX. PROPERTY LINE
FLAGPOLE	4" W	WATER LINE	EXISTING WATER WELL
SPOT SHOT	2" G	GAS LINE	EXISTING SEPTIC TANK

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







RECORD DRAWING

February 15, 2001

NOTE:

THE CONTRACTOR SHALL INCLUDE IN THE COSTS FOR SANITARY PIPE, ALL WATER SERVICE RECONNECTIONS, STORM SEWER RECONNECTION, WATER MAIN RELOCATIONS, CONCRETE RECONSTRUCTION, AND SIDEWALK RECONSTRUCTION AS REQUIRED TO INSTALL NEW WORK AS SHOWN ON THE DRAWINGS.

NO.	DATE	DESCRIPTION	BY

FILE NAME: REVSHT_7-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/5

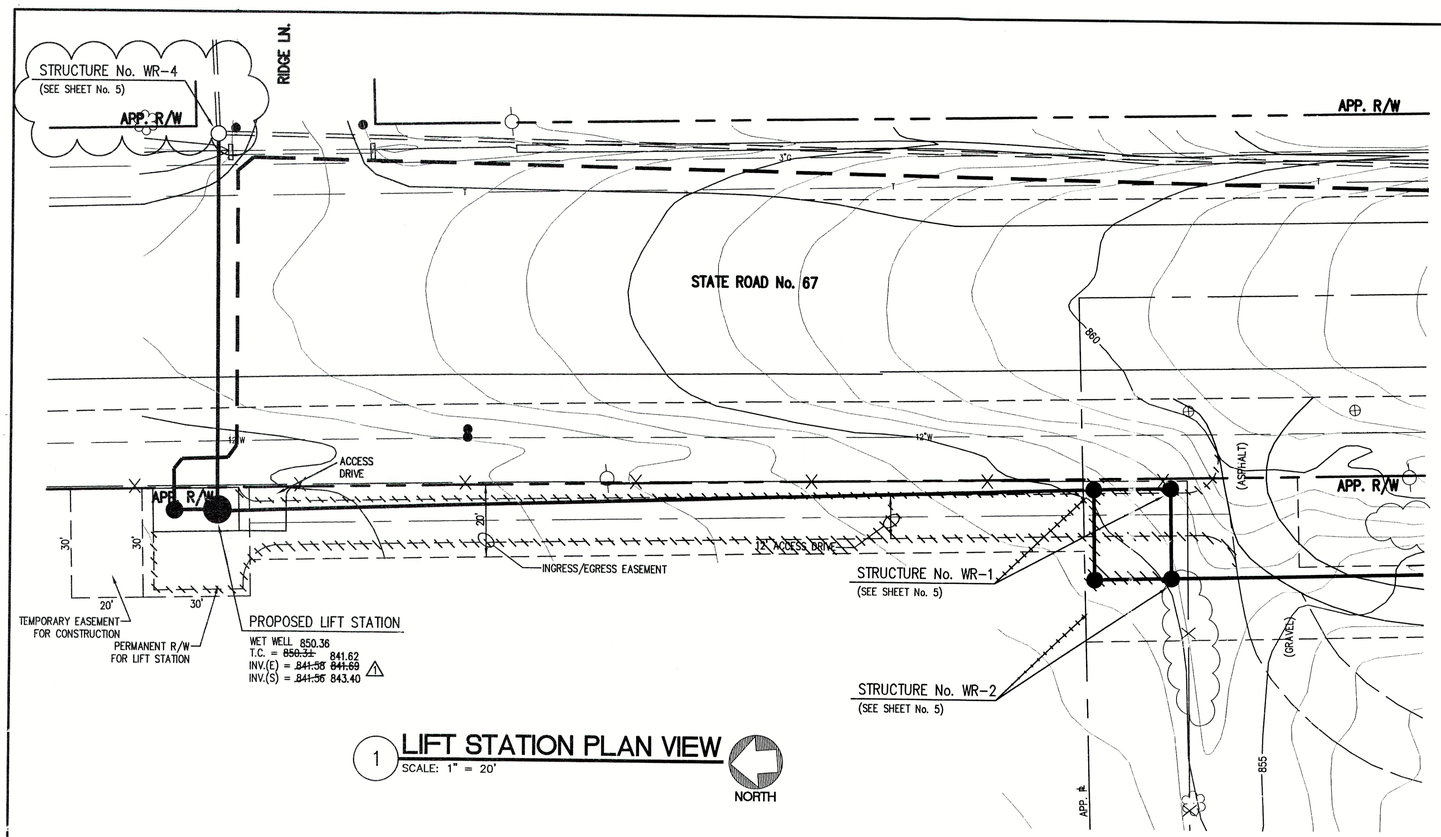
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

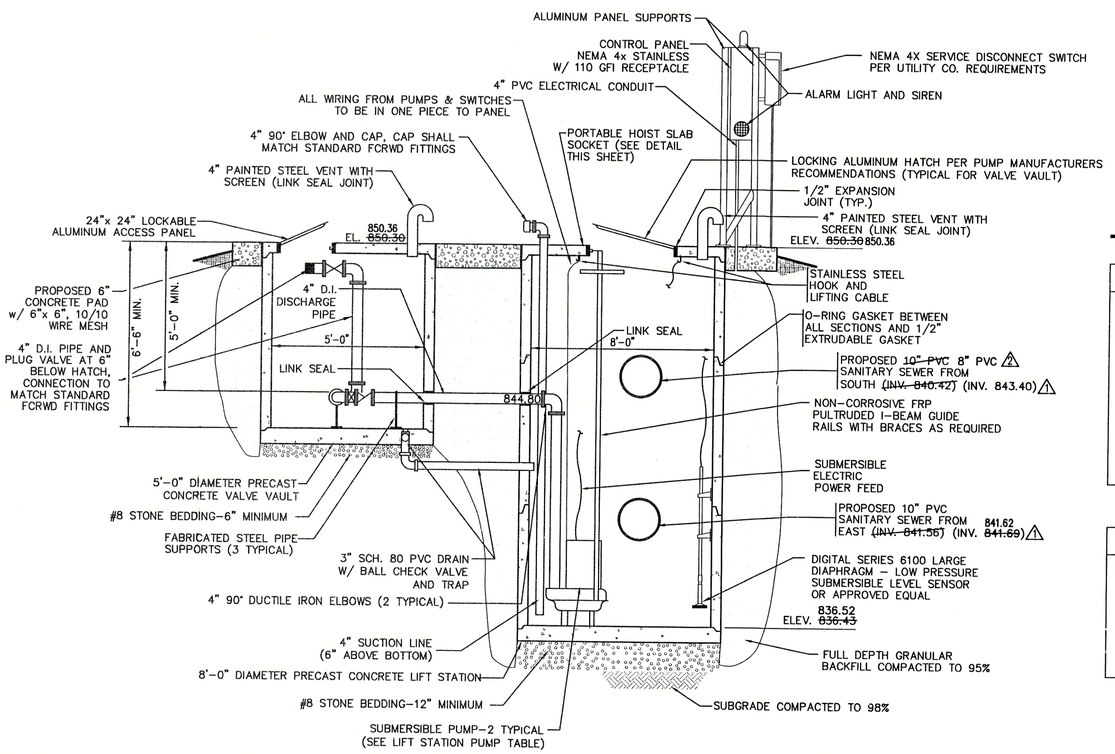
DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	15 OF 18
DESIGNED BY:	D.A. Pauling		
CHECKED BY:	James W. Frazell, P.E.		



1 LIFT STATION PLAN VIEW

SCALE: 1" = 20'

NORTH



0 LIFT STATION SECTION

SCALE: N.T.S.

LIFT STATION PUMP TABLE

PUMP DATA TABLE	
CAPACITY	140 GPM
TDH	51 FEET
HP(min.)	7.5
RPM	1750
VOLTAGE	230/460
PHASE	3
TYPE	NON-CLOG
DISCHARGE	4"

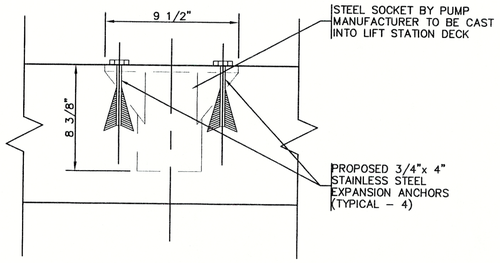
TRANDUCER SET POINTS	
FLOAT FUNCTION	ELEVATION
PUMPS OFF	837.26
LEAD PUMP ON	840.98
ALARM	842.48
LAG PUMP ON	841.98

RECORD DRAWING

February 15, 2001

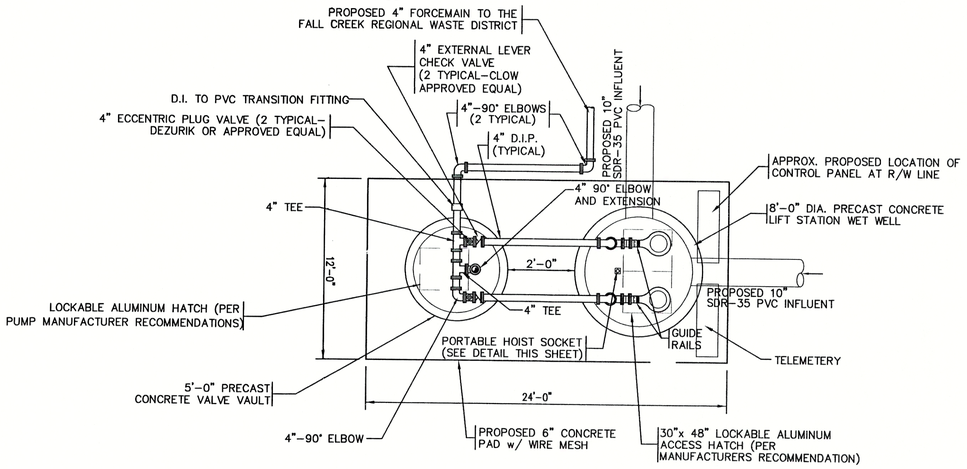
GENERAL NOTES:

1. CONTRACTOR TO VERIFY AVAILABLE POWER SOURCE PRIOR TO EQUIPMENT ORDER AND COORDINATE WORK WITH ELECTRIC UTILITY COMPANY.
2. PIPE PENETRATIONS TO UTILIZE FLEXIBLE BOOTS, CONNECTORS, CAST IN PLACE GASKETS, ETC. APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO INSTALL ALL EQUIPMENT IN COMPLETE ACCORDANCE WITH ALL MANUFACTURER'S RECOMMENDATIONS.
4. ALL FASTENERS, SUPPORTS, ETC. TO BE STAINLESS STEEL.
5. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
6. ALL CONCRETE TO BE MINIMUM F'c = 4000 psi. ALL REINFORCING STEEL TO BE MINIMUM Fy = 60,000 psi.
7. ALL FERROUS METAL SURFACES TO BE PREPARED AND PAINTED.
8. CONTRACTOR TO COORDINATE WITH ALL OTHER APPLICABLE PLAN SHEETS AND SPECIFICATIONS.
9. CONTRACTOR TO TEST ALL EQUIPMENT, PIPING, STRUCTURES, ETC. IN ACCORDANCE WITH THE SPECIFICATIONS, PRIOR TO PLACING THE STATION INTO SERVICE IN THE PRESENCE OF ENGINEERS AND MANUFACTURERS REPRESENTATIVES.
10. CONCRETE STRUCTURE BELOW GRADE SHALL BE COATED WITH A BITUMINOUS COATING PER SPECIFICATIONS.



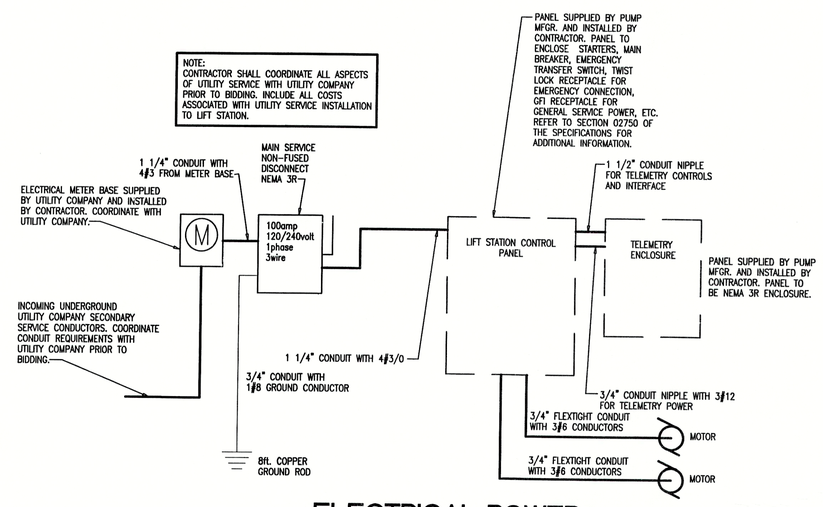
0 PORTABLE HOIST SLAB SOCKET DETAIL

SCALE: N.T.S.



0 LIFT STATION PLAN VIEW

SCALE: N.T.S.



ELECTRICAL POWER RISER DIAGRAM

SCALE: N.T.S.

NO.	DATE	DESCRIPTION	BY
△1	03/16/00	ELEVATION CHANGE	D.A.P.
△2	03/16/00	PIPE SIZE CHANGE	D.A.P.

FILE NAME: REVSHT_4-RD | PLOT SCALE: 1=1 | PLOT DATE: 12/5

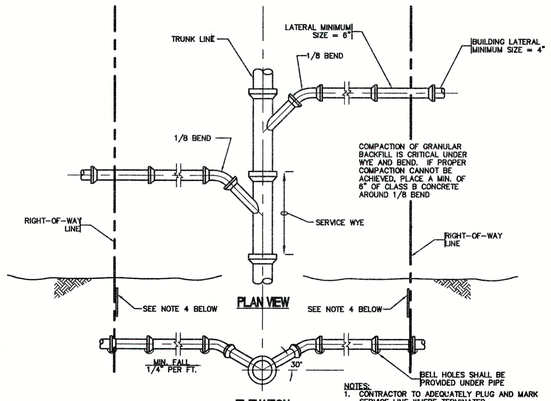
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

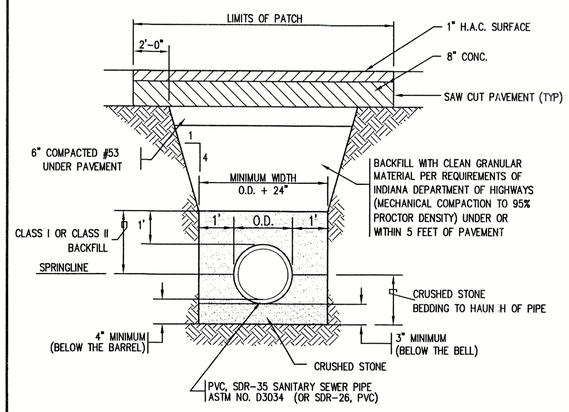
LIFT STATION DETAIL

DRAWN BY: DAP	DATE 4/12/98	SCALE AS NOTED	PROJECT No. 98008A	SHEET No. 16 OF 18
DESIGNED BY: D.A. Pauling				
CHECKED BY: James W. Frazell, P.E.				



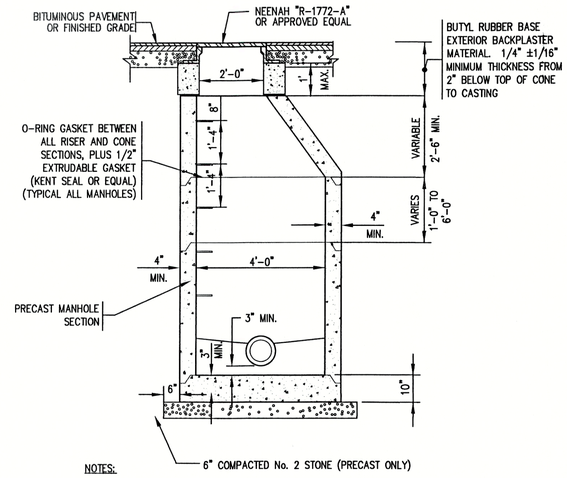
NOTES:
1. CONTRACTOR TO ADEQUATELY PLUG AND MARK SERVICE LINE WHERE TERMINATED.
2. ALL SERVICE PIPE TO BE PVC SDR-35 OR SDR-26.
3. CONTRACTOR TO LOCATE EXISTING LATERALS IN SERVICE & CONNECT TO PROPOSED MAIN (LATERALS FOR FUTURE USE SHALL BE CAPPED IN A WATERTIGHT MANNER).
4. TERMINATION LOCATORS: 24" SECTION OF #4 REBAR WITH THE TOP OF THE REBAR 2" BELOW GRADE AND, FARM FIELD FENCE "T" RAIL/POST (PAINT SEWER GREEN) 3 FEET ABOVE GRADE.

1 SERVICE CONNECTION DETAIL
SCALE: N.T.S.



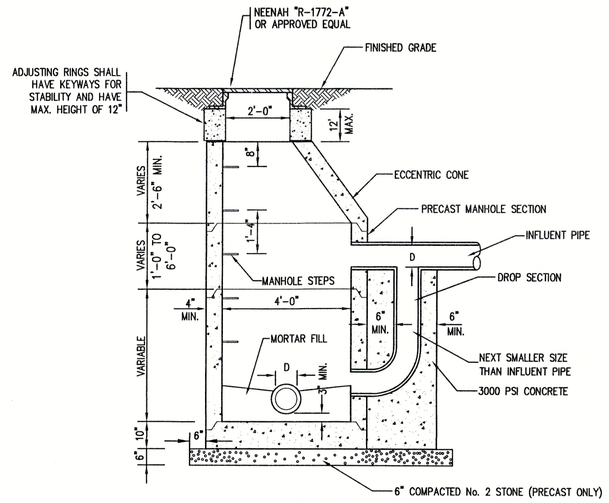
NOTES:
1. BITUMINOUS PAVEMENT TACK COAT SHALL BE PLACED BETWEEN THE CONCRETE SUBSURFACE AND ALONG THE SAW CUTS.
2. FORCEMAIN INSTALLATION TO UTILIZE CLEAN SAND IN LIEU OF #8 STONE BEDDING AND BACKFILL TO 12" ABOVE TOP OF PIPE.
3. THIS SECTION USED FOR ALL PAY ITEMS.
4. CONTRACTOR TO MEET ALL APPLICABLE O.S.H.A. STANDARDS FOR SAFTEY DURING CONSTRUCTION.
5. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, ETC. REQUIRED TO PROTECT EXISTING STRUCTURES AND PAVEMENT.

2 TYPICAL TRENCH AND PAVEMENT PATCH DETAIL
SCALE: N.T.S.

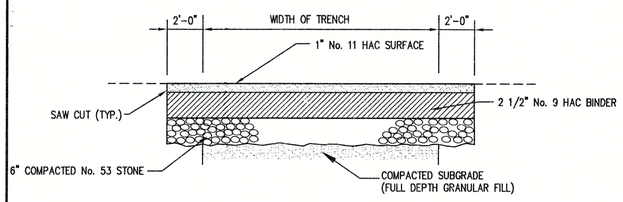


NOTES:
1. MANHOLE STEPS SHALL BE POLYPROPYLENE, POLYPROPYLENE COATED STEEL REINFORCING OR APPROVED NON-CORROSIVE FIBERGLASS MATERIAL. COPOLYMER POLYPROPYLENE SHALL MEET ASTM D-4101 REINFORCED WITH DEFORMED 3/8" STEEL MEETING ASTM A-615, GRADE 60.
2. MANHOLE CONFORMS TO ASTM C-478 JOINT CONFORMS TO ASTM C-443

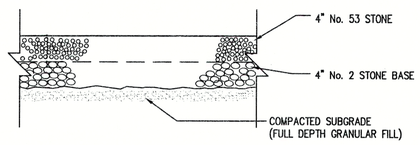
3 SANITARY MANHOLE
SCALE: N.T.S.



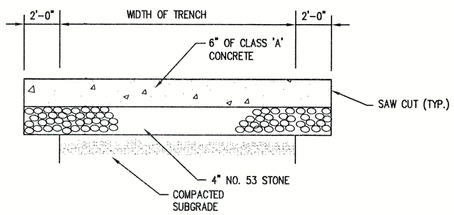
4 DROP MANHOLE
SCALE: N.T.S.



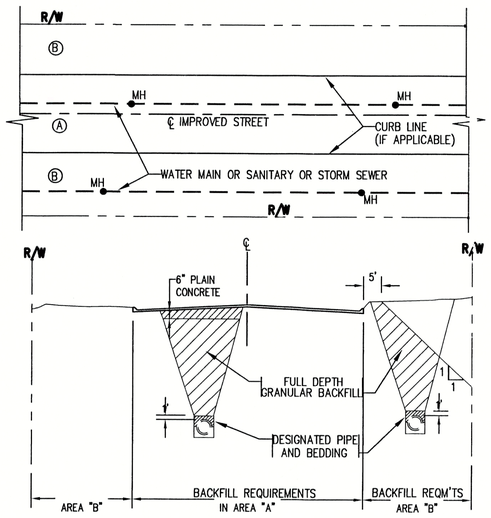
5 ASPHALT DRIVE REPAIR DETAIL
SCALE: N.T.S.



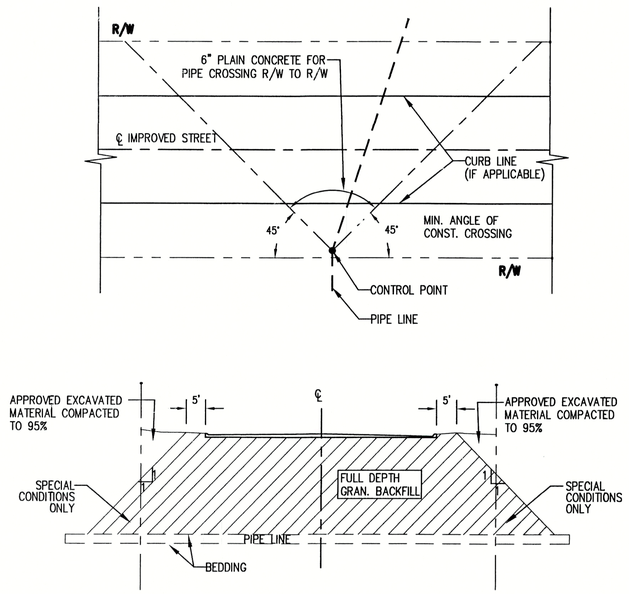
6 STONE DRIVE REPAIR DETAIL
SCALE: N.T.S.



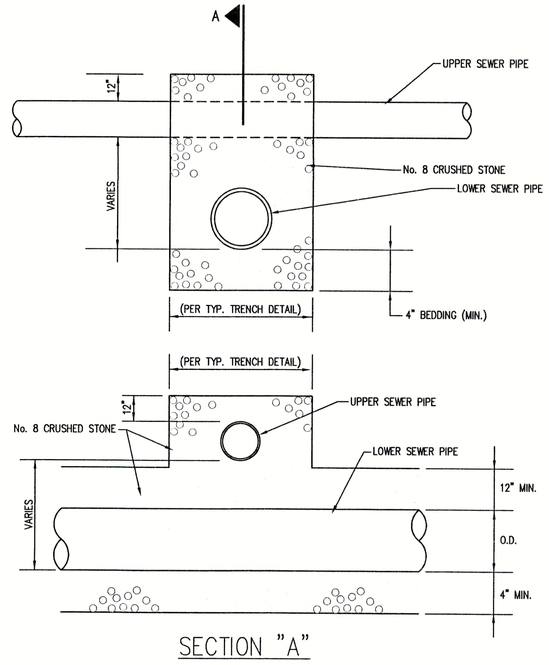
7 CONCRETE DRIVE REPAIR DETAIL
SCALE: N.T.S.



8 BACKFILL REQUIREMENTS
(FOR PIPELINES WITHIN RIGHT-OF-WAY FOR IMPROVED STREETS)



9 BACKFILL REQUIREMENTS
(FOR PIPELINES CROSSING RIGHT-OF-WAY FOR IMPROVED STREETS)



SECTION "A"

10 STORM SEWER/SANITARY SEWER CROSSING DETAIL
SCALE: N.T.S.

RECORD DRAWING
February 15, 2001

FILE NAME: WDRDG_D1-RD	PLOT SCALE: 1=1	PLOT DATE: 11/19

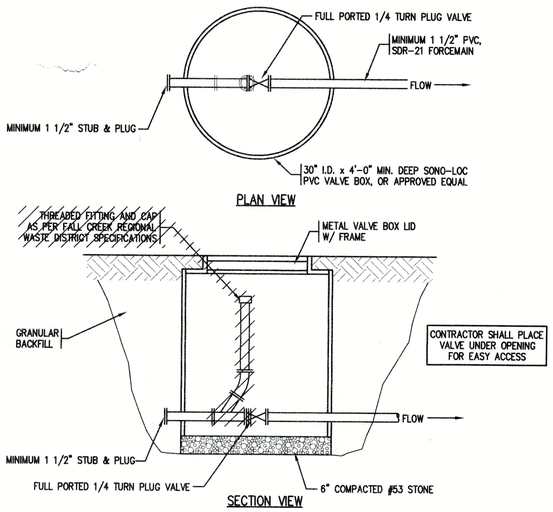
NO.	DATE	DESCRIPTION	BY

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

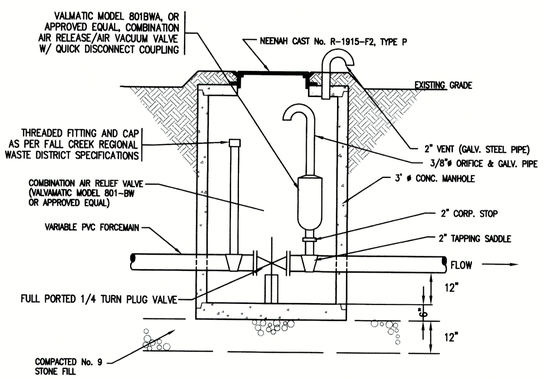
WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT
STANDARD SANITARY SEWER DETAILS

DRAWN BY: DAP	DATE 04/12/98	SCALE AS NOTED	PROJECT No. 98008A	SHEET No. 17 OF 18
DESIGNED BY: D.A. Pauling				
CHECKED BY: James W. Frazell, P.E.				



STANDARD SERVICE CONNECTION VALVE VAULT

1 NOT TO SCALE



CONTRACTOR SHALL PLACE VALVE UNDER OPENING FOR EASY ACCESS

VALVE VAULT w/ AIR / VAC RELIEF STRUCTURE

2 SCALE: N.T.S.

RECORD DRAWING

February 15, 2001

FILE NAME: WDRDG_D2-RD	PLOT SCALE: 1=1	PLOT DATE: 12/6	
NO.	DATE	DESCRIPTION	BY

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

APPROVED BY: THOMAS W. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WOODED RIDGE SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

STANDARD SANITARY SEWER DETAILS

DRAWN BY:	DATE	PROJECT No.	SHEET No.
DAP	04/12/98	98008A	18
	SCALE: AS NOTED		OF 18
DESIGNED BY:	D.A. Pauling		
CHECKED BY:	James W. Frazell, P.E.		

C:\Temp\WDRDG2.Record\WDRDG_D2-RD.dwg, 1/23/01 10:11:14:03 PM, Triad DWG&PLOT.
WTP