WHITE OAKS ADDITION
SANITARY SEWER PROJECT

PROJECT FOR THE

FALL CREEK REGIONAL WASTE DISTRICT
MADISON CO., IN.

1999

SRF PROJECT NO. CS 18207701

DIVISION II

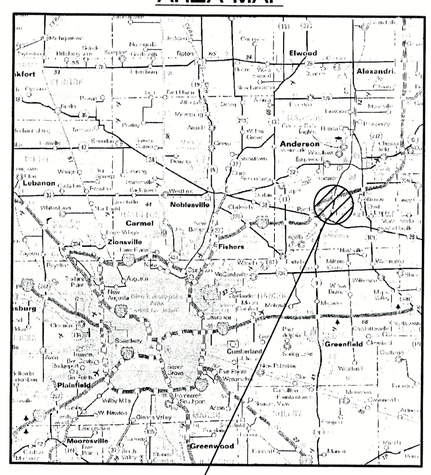
CONTRACT 'A-1'

JOE ROWLETT - GENERAL MANAGER

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND INDEX
2	PROJECT BASE MAP
3–9	PLAN AND PROFILE SHEETS
10–11	SANITARY SEWER DETAILS

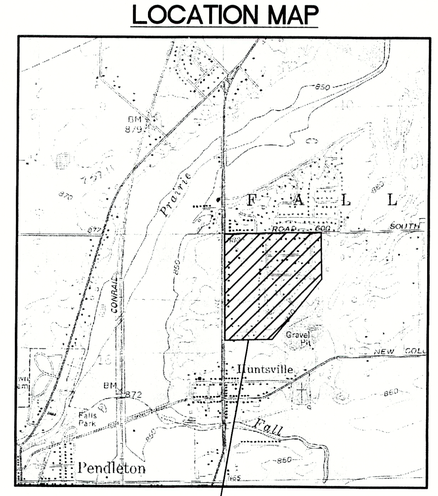
AREA MAP



AREA LOCATION

N

LOCATION MAP



PROJECT LOCATION

FALL CREEK REGIONAL WASTE DISTRICT BOARD

Mr. Morris McCurdy – President
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. Ed Stergar – Member
Mr. Joe Rowlett – General Manager

ATTORNEY

Mr. Chris Janak

MADISON COUNTY COMMISSIONERS

Mr. Paul Wilson
Mr. Otis E. Cox
Ms. Sandra S. Huntzinger

AUDITOR

Ms. Patricia Dillion

ATTORNEY

Mr. Gerald Shine

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

C:\Dwg\WHTOAKS\Record\Whtok_1-RD.dwg, 11/15/01 03:00:26 PM, 1:1

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TBM INFORMATION

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

WO-TBM #2 - EAST SIDE OF POWERPOLE #1916570 AT 150 EAST ROAD INTERCHANGE OF CHESTNUT DRIVE AND CANDLEWOOD DRIVE ELEV. - 875.36

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

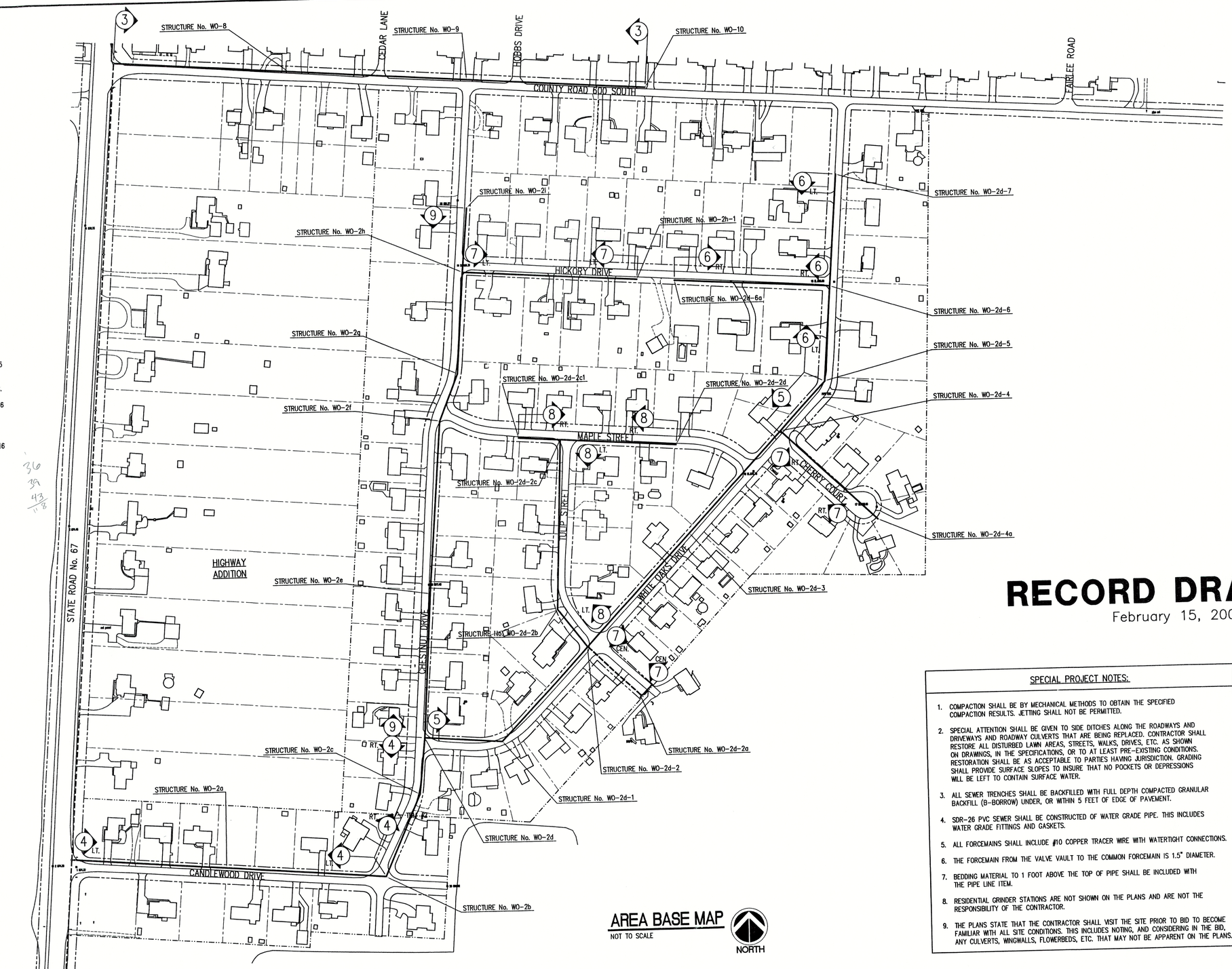
PENDLETON MUNICIPAL WATER UTILITY
P.O. BOX 230
PENDLETON, INDIANA 46064
1 (765) 778-2173

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

36
39
43/
11/8



RECORD DRAWING

February 15, 2001

AREA BASE MAP

NOT TO SCALE

SPECIAL PROJECT NOTES:

1. COMPACTION SHALL BE BY MECHANICAL METHODS TO OBTAIN THE SPECIFIED COMPACTION RESULTS. JETTING SHALL NOT BE PERMITTED.
2. SPECIAL ATTENTION SHALL BE GIVEN TO SIDE DITCHES ALONG THE ROADWAYS AND DRIVEWAYS AND ROADWAY CULVERTS THAT ARE BEING REPLACED. 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. RESTORATION SHALL BE AS ACCEPTABLE TO PARTIES HAVING JURISDICTION. GRADING SHALL PROVIDE SURFACE SLOPES TO INSURE THAT NO POCKETS OR DEPRESSIONS WILL BE LEFT TO CONTAIN SURFACE WATER.
3. ALL SEWER TRENCHES SHALL BE BACKFILLED WITH FULL DEPTH COMPACTED GRANULAR BACKFILL (B-BORROW) UNDER, OR WITHIN 5 FEET OF EDGE OF PAVEMENT.
4. SDR-26 PVC SEWER SHALL BE CONSTRUCTED OF WATER GRADE PIPE. THIS INCLUDES WATER GRADE FITTINGS AND GASKETS.
5. ALL FORCEMAINS SHALL INCLUDE #10 COPPER TRACER WIRE WITH WATERTIGHT CONNECTIONS.
6. THE FORCEMAIN FROM THE VALVE VAULT TO THE COMMON FORCEMAIN IS 1.5" DIAMETER.
7. BEDDING MATERIAL TO 1 FOOT ABOVE THE TOP OF PIPE SHALL BE INCLUDED WITH THE PIPE LINE ITEM.
8. RESIDENTIAL GRINDER STATIONS ARE NOT SHOWN ON THE PLANS AND ARE NOT THE RESPONSIBILITY OF THE CONTRACTOR.
9. THE PLANS STATE THAT THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS. THIS INCLUDES NOTING, AND CONSIDERING IN THE BID, ANY CULVERTS, WINGWALLS, FLOWERBEDS, ETC. THAT MAY NOT BE APPARENT ON THE PLANS.

NOTE:
10" SANITARY SEWER GRAVITY SEWER LINE ALONG STATE ROAD 67 SHALL BE CONSTRUCTED ALONG WITH THE WOODED RIDGE ADDITION PROJECT (CONTRACT 'A-2')

LEGEND

4 - SHEET DESIGNATION

△ TBM #1 - IN HUNTSVILLE

FILE NAME: WHTOKBAS-RD	PLOT SCALE: 1=125	PLOT DATE: 11/15	
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.

WHITE OAKS SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PROJECT BASE MAP

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 2
	SCALE AS NOTED		OF 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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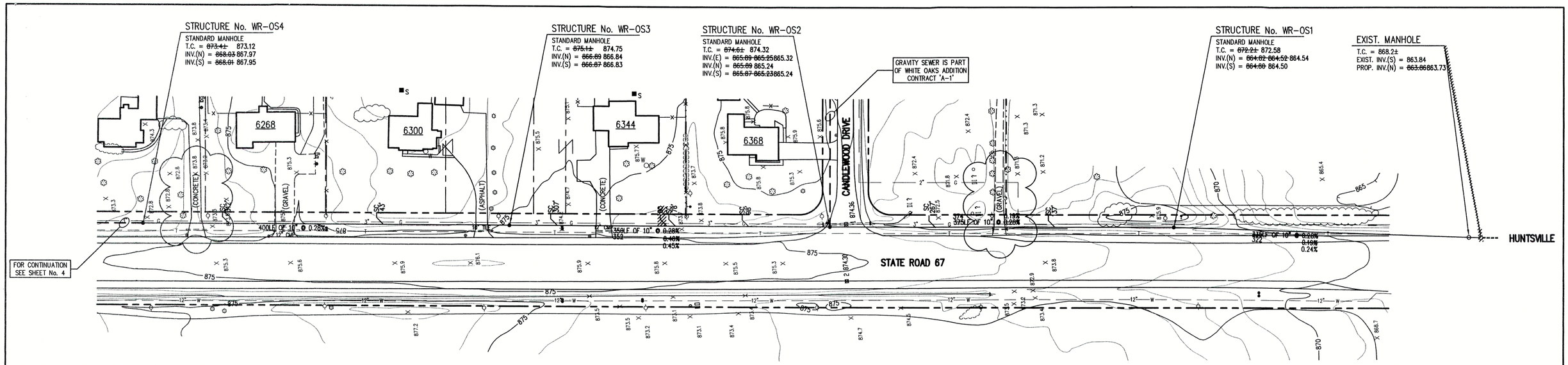

RECORD DRAWING

February 15, 2001

NOTE:

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DON'T DIG BLIND
CALL BEFORE YOU DIG
within indiana
1-800-382-5544
outside indiana
1-800-428-5200

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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.
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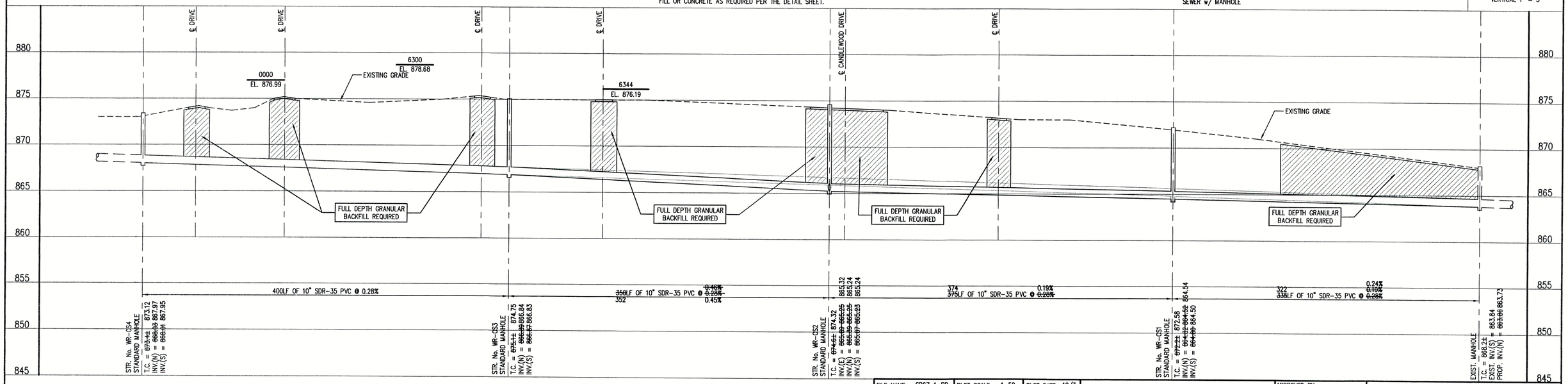
6. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MEANS FOR MAINTAINING SAFE TRAFFIC AT ALL TIMES.
7. CONTRACTOR SHALL RESTORE ALL DISTURBED LAWN AREAS, STREETS, WALKS, DRIVES, ETC. AS SHOWN ON DRAWINGS, IN THE SPECIFICATIONS, OR TO AT LEAST PRE-EXISTING CONDITIONS.
8. ALL UTILITY CROSSINGS SHALL BE PROTECTED AND SUPPORTED WITH GRANULAR FILL OR CONCRETE AS REQUIRED PER THE DETAIL SHEET.

LEGEND:

	TREE		NEW SANITARY SEWER w/ MANHOLE
	POWER POLE	SC	NEW SANITARY SERVICE CONNECTION
	GUY WIRE	4" W	WATER LINE
	FIRE HYDRANT	2" G	GAS LINE
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:

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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 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	3 OF 13
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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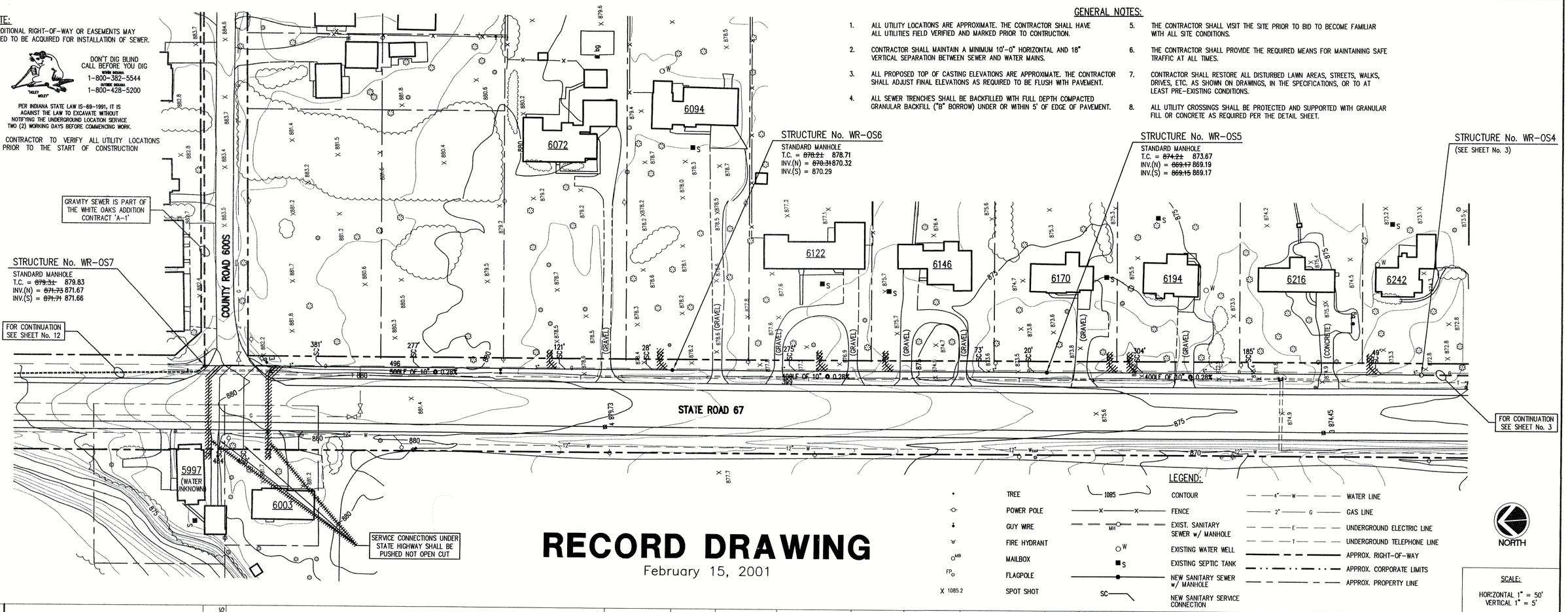


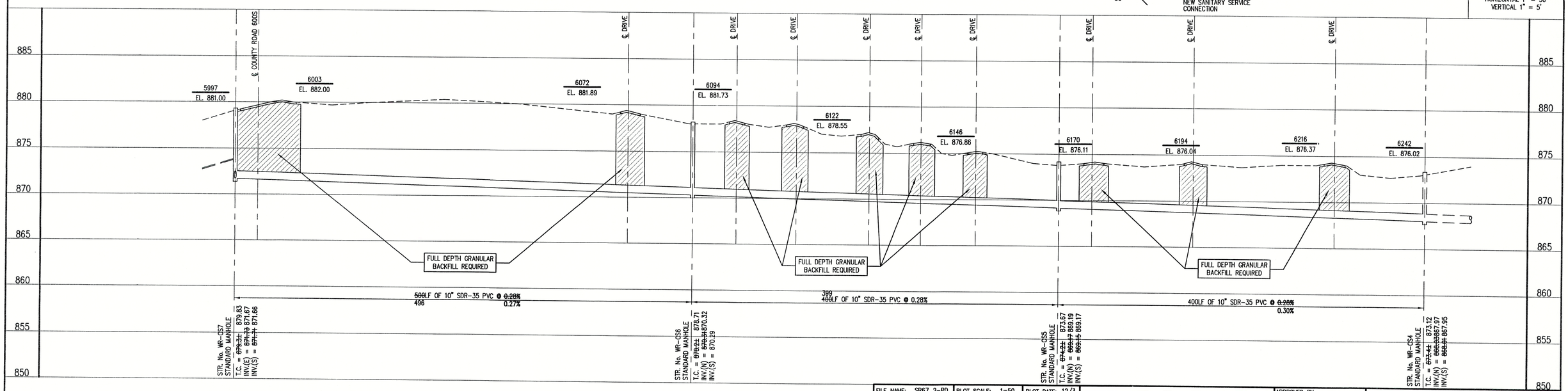
RECORD DRAWING

February 15, 2001

LEGEND:

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

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



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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 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	SCALE AS NOTED	PROJECT No. 98008A	SHEET No. 4 OF 18
DESIGNED BY: D.A. Pauling				
CHECKED BY: James W. Frazell, P.E.				

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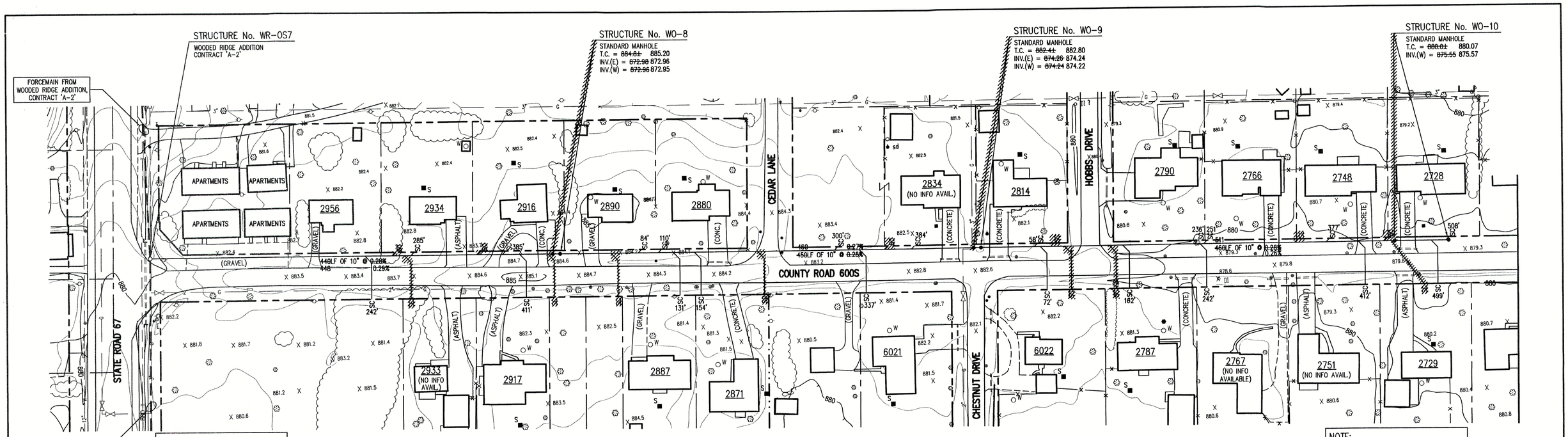

NOTE:
CONTRACTORS FOR BOTH CONTRACT 'A-1' AND CONTRACT 'A-2' SHALL COORDINATE THE SANITARY SEWER CONNECTION AT THE INTERSECTION OF STATE ROAD 67 AND COUNTY ROAD 600S.

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.

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LEGEND:

TREE	1085 CONTOUR	E UNDERGROUND ELECTRIC LINE	
POWER POLE	X 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	W EXISTING WATER WELL	
FP FLAGPOLE	4" W WATER LINE	S EXISTING SEPTIC TANK	
X 1085.2 SPOT SHOT	2" G GAS LINE		

NORTH

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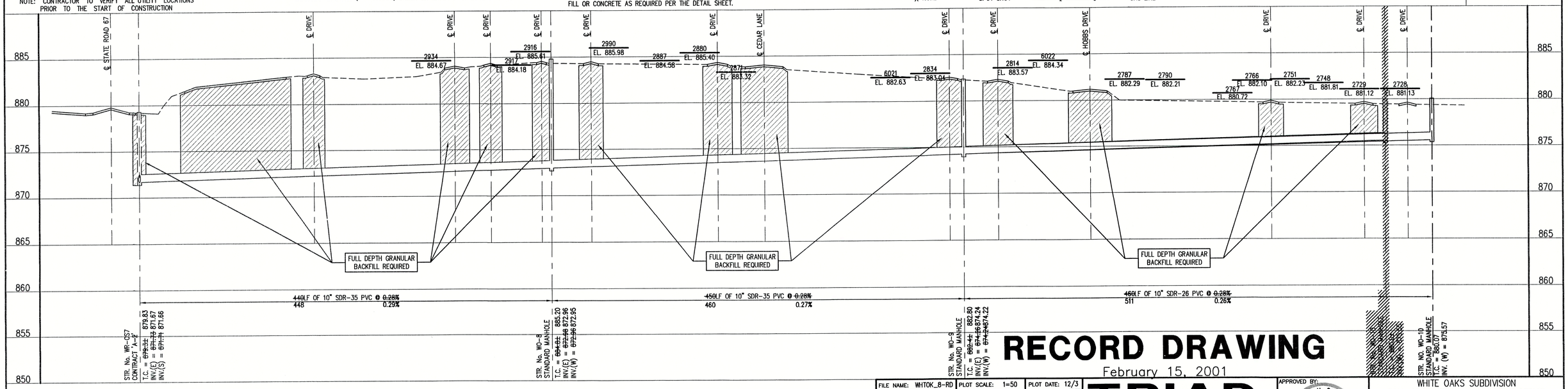
VERTICAL 1" = 5'



RECORD DRAWING

February 15, 2001

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FILE NAME: WHTOK_8-RD	PLOT SCALE: 1=50	PLOT DATE: 12/3	
NO.	DATE	DESCRIPTION	BY

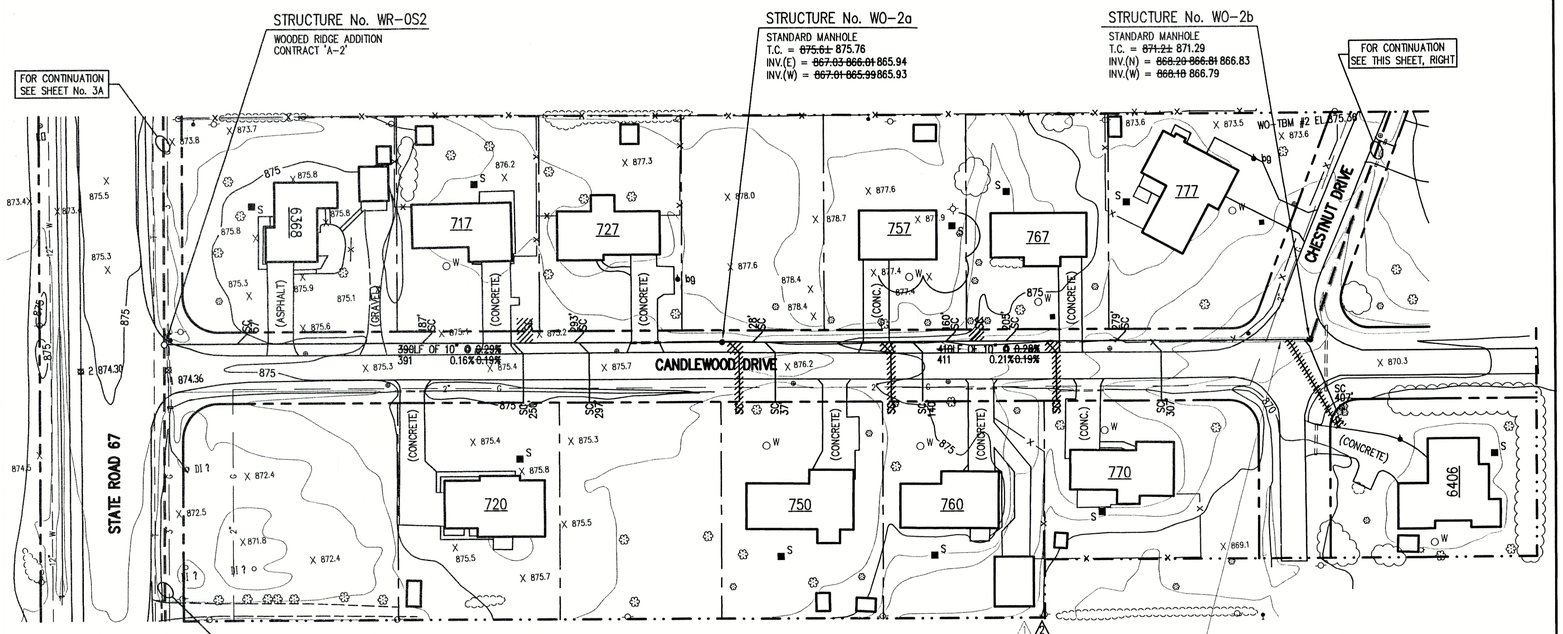
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

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

WHITE OAKS SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY: DAP	DATE 04/12/98	PROJECT No. 98008A	SHEET No. 3
	SCALE AS NOTED		OF 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			



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"HOLEY MOLEY"

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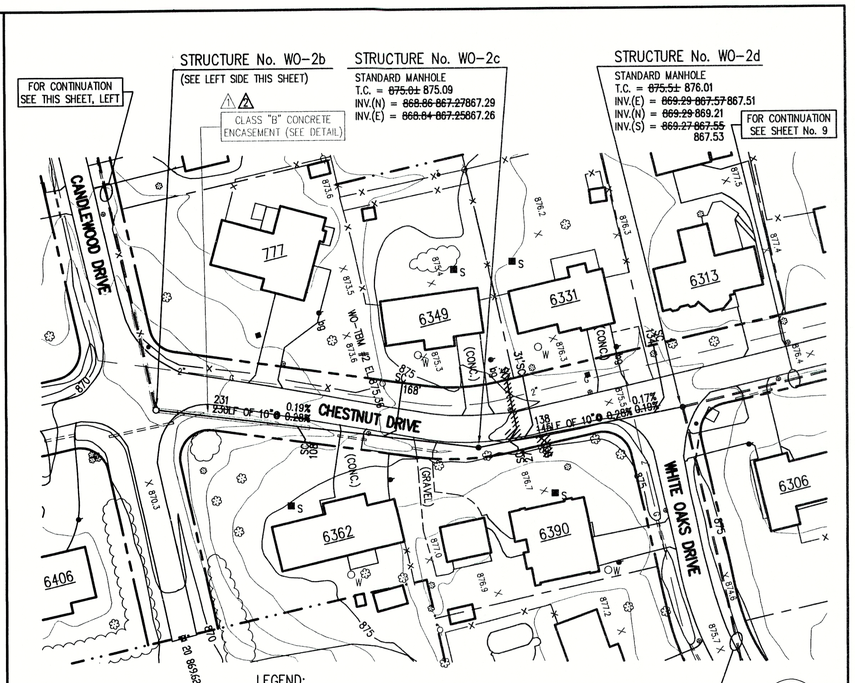


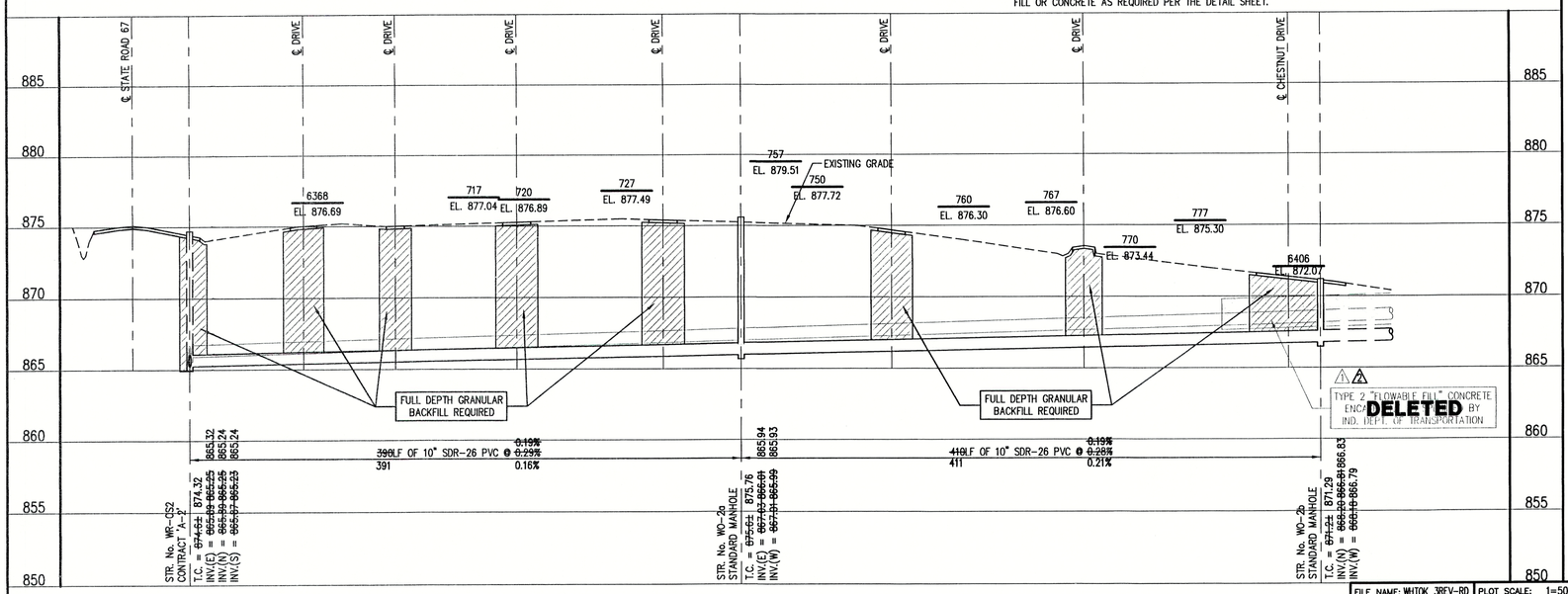
LEGEND:

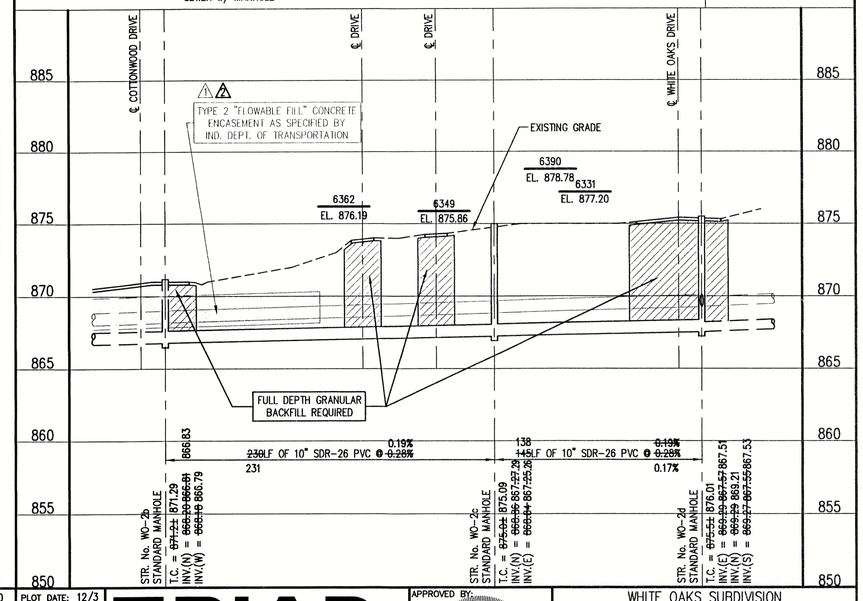
TREE	NEW SANITARY SEWER w/ MANHOLE
POWER POLE	NEW SANITARY SERVICE CONNECTION
GUY WIRE	WATER LINE
FIRE HYDRANT	GAS LINE
MAILBOX	UNDERGROUND ELECTRIC LINE
FLAGPOLE	UNDERGROUND TELEPHONE LINE
SPOT SHOT	APPROX. RIGHT-OF-WAY
CONTOUR	APPROX. CORPORATE LIMITS
FENCE	APPROX. PROPERTY LINE
EXIST. SANITARY SEWER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

FOR CONTINUATION SEE SHEET No. 5

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: WHTOK_3REV-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

NO.	DATE	DESCRIPTION	BY
1	12/29/99	ADDED CONCRETE ENCASEMENT	D.A.P.
2	07/25/00	REMOVED CONCRETE ENCASEMENT	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.

WHITE OAKS SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	4 OF 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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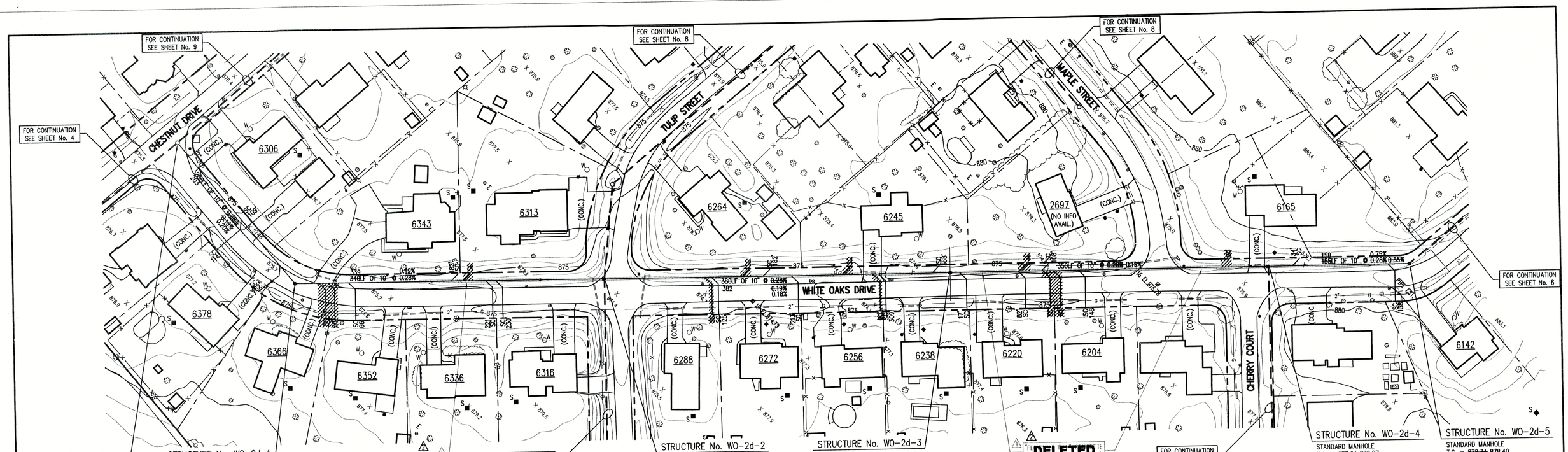

NOTE:
ADDITIONAL RIGHT-OF-WAY OR EASEMENTS MAY NEED TO BE ACQUIRED FOR INSTALLATION OF SEWER.

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.

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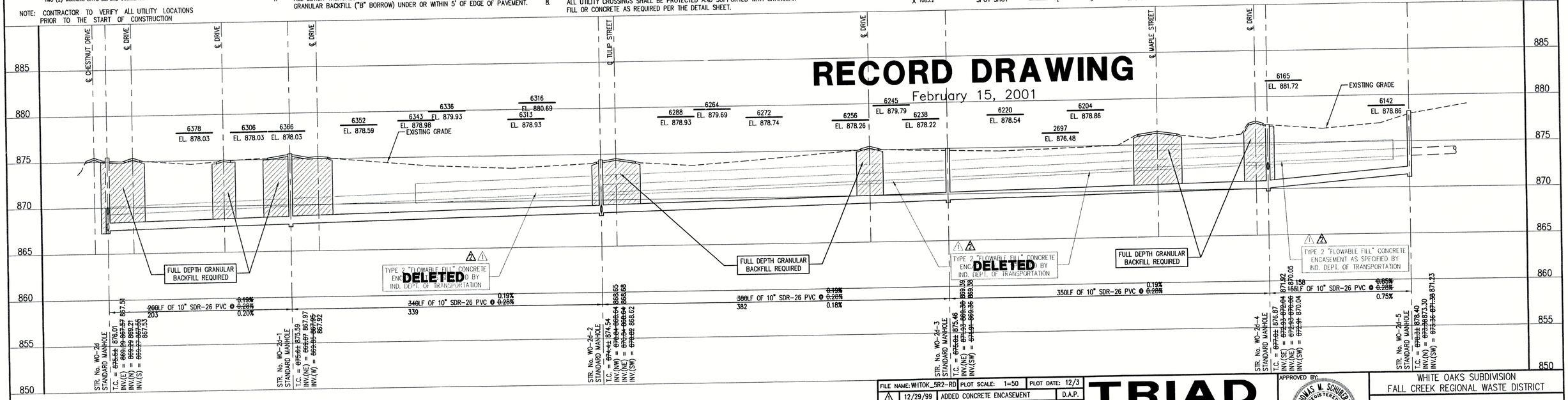
LEGEND:

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'



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FILE NAME: WHTOK_5R2-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

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2	07/27/00	REMOVED CONCRETE ENCASEMENT	D.A.P.

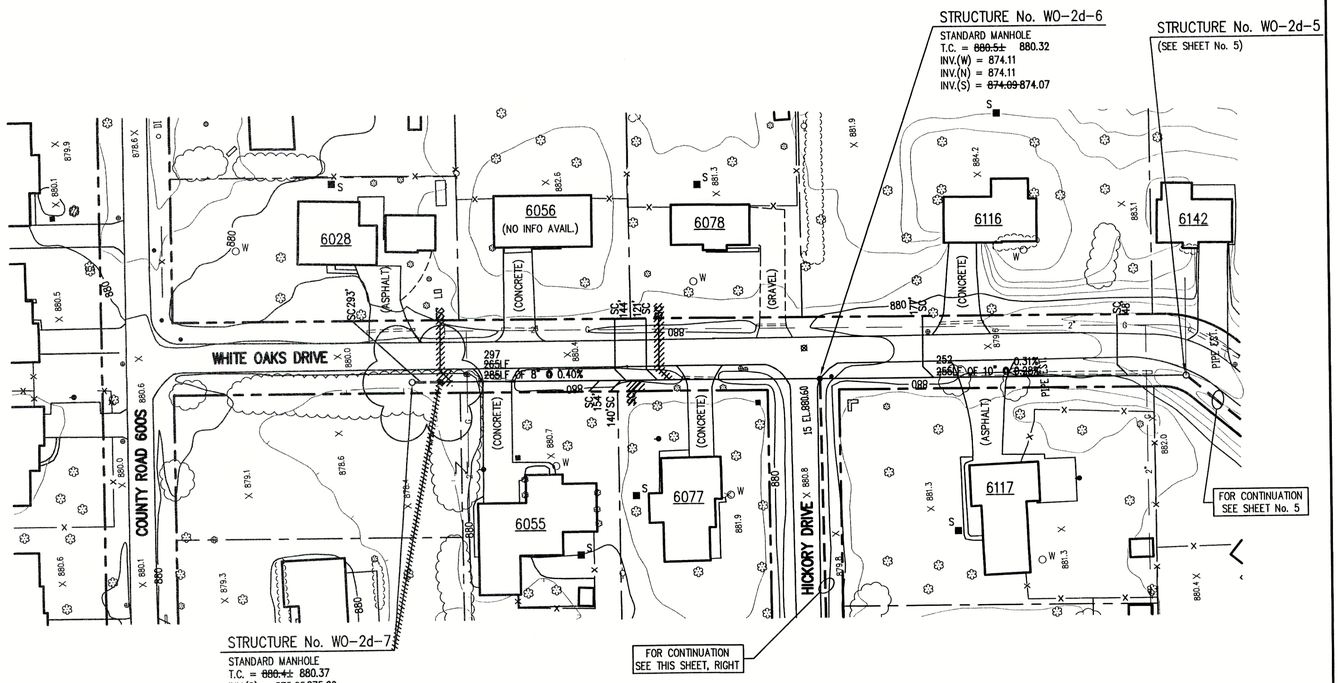
TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

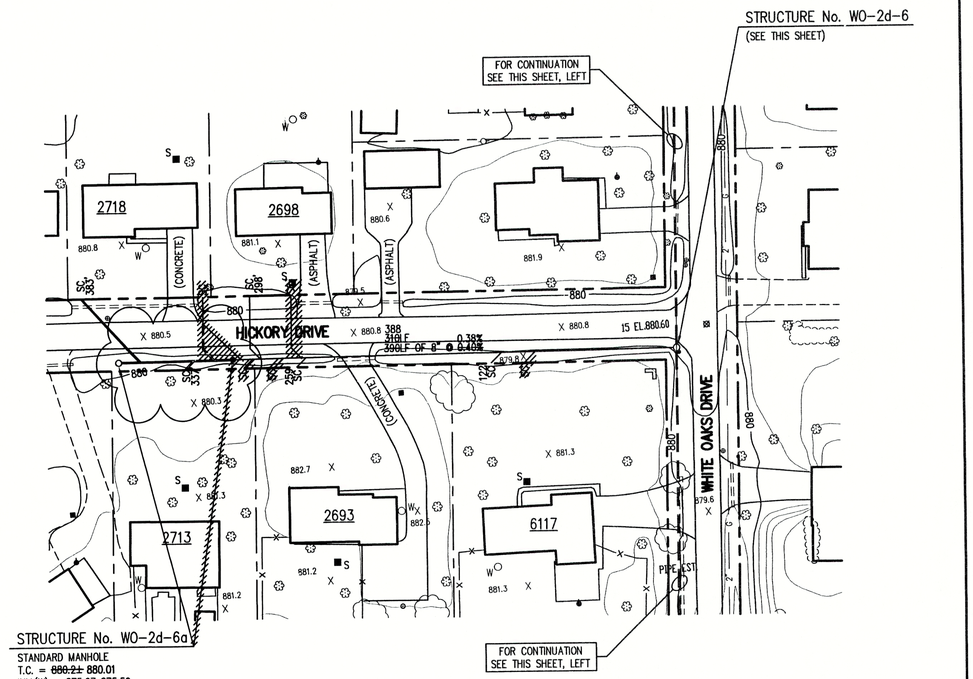
APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
Thomas M. Schubert, P.E.

WHITE OAKS SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT

PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	5 OF 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			





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NORTH

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	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:
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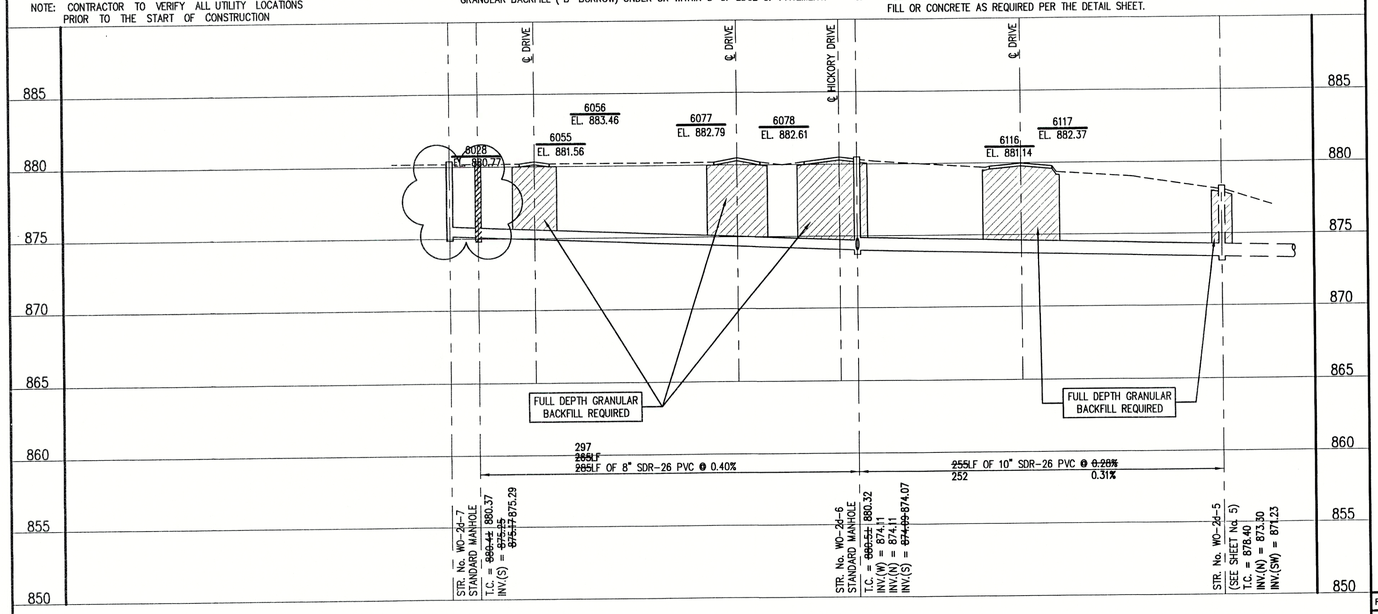

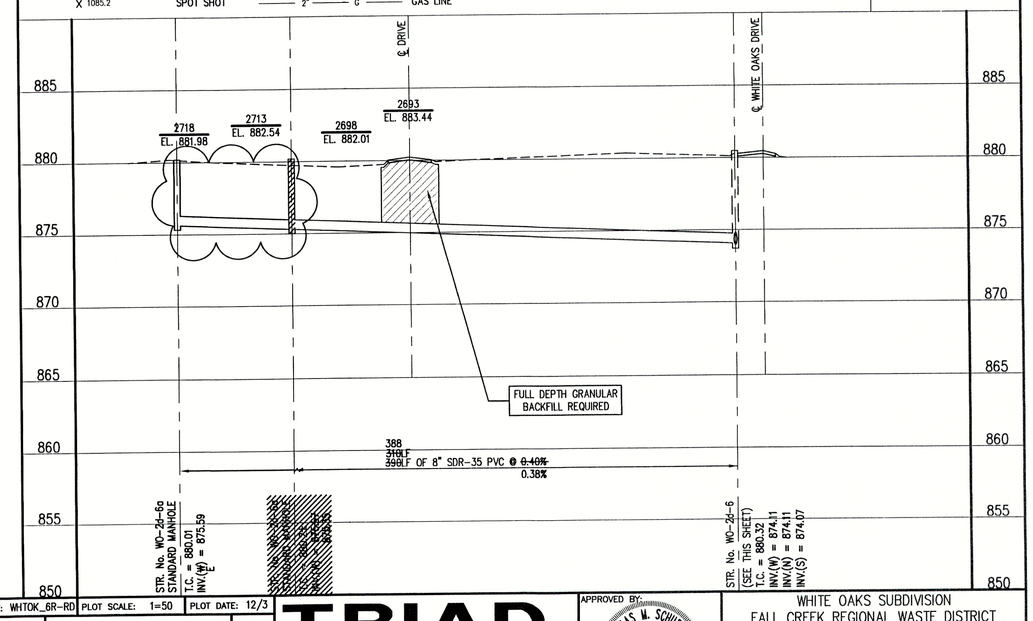

RECORD DRAWING

February 15, 2001

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NO.	DATE	DESCRIPTION	BY

FILE NAME: WHTOK_6R-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

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

WHITE OAKS 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 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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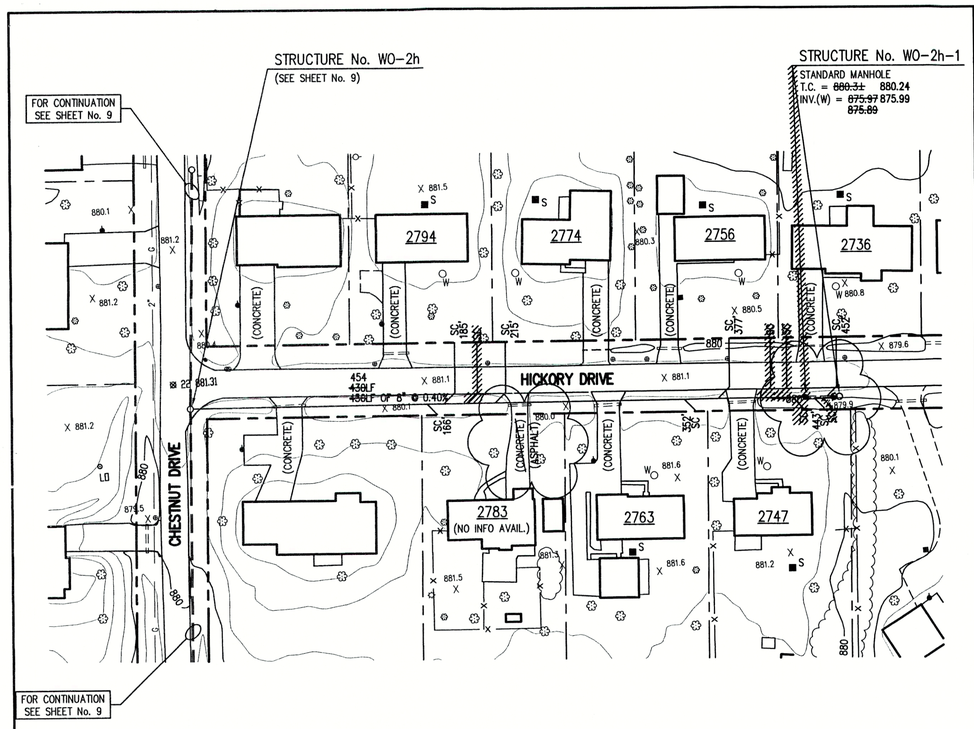

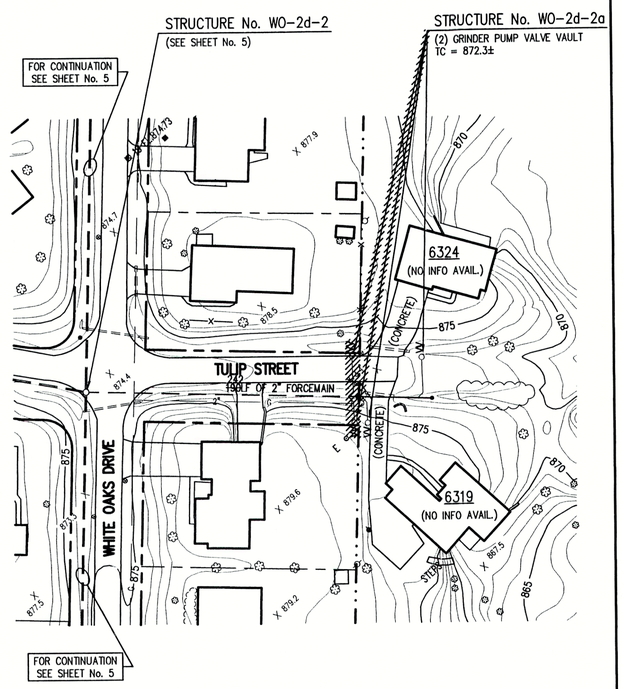

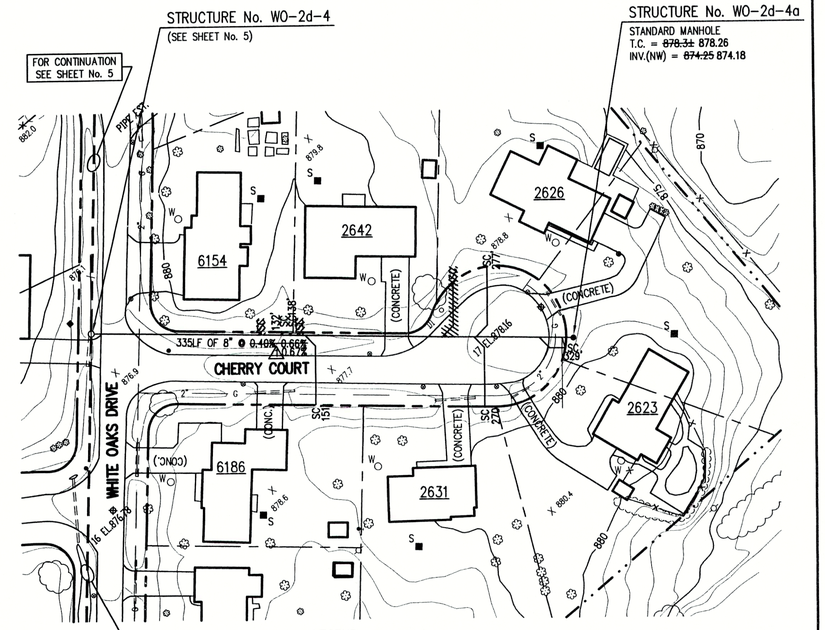

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NORTH

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NORTH

LEGEND:

	TREE		NEW SANITARY SEWER w/ MANHOLE
	POWER POLE	SC	NEW SANITARY SERVICE CONNECTION
	GUY WIRE	4" W	WATER LINE
	FIRE HYDRANT	2" G	GAS LINE
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
		W	PROPOSED GRINDER PUMP VALVE VAULT

NORTH

SCALE:
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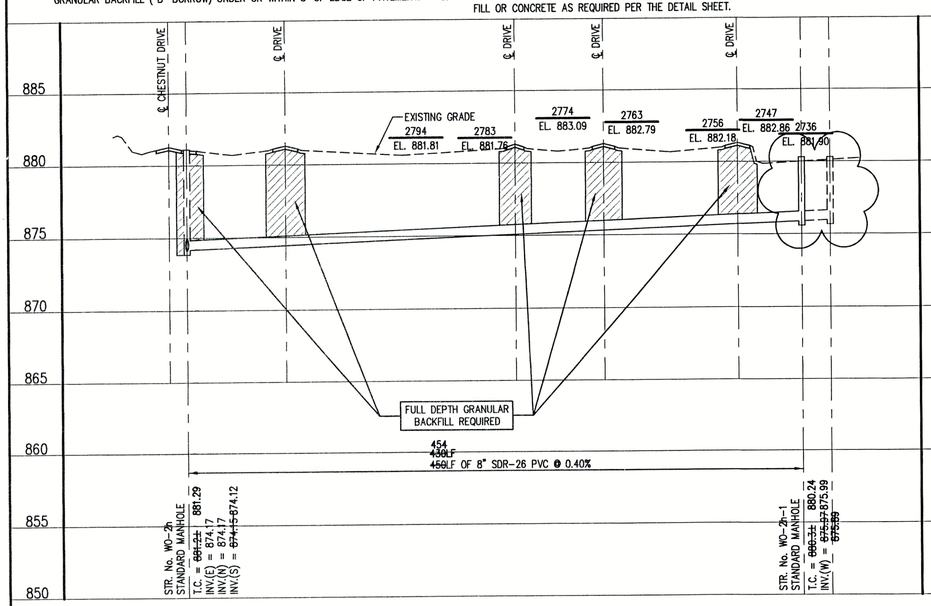
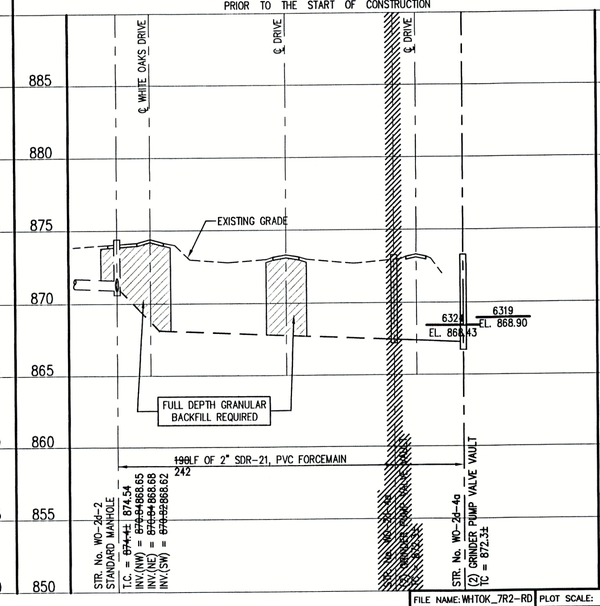
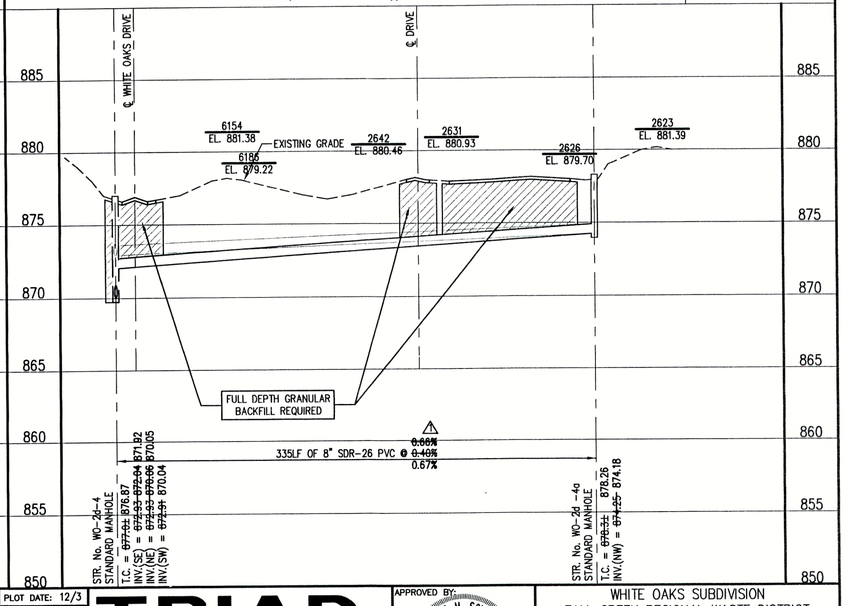
VERTICAL 1" = 5'







RECORD DRAWING

February 15, 2001

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FILE NAME: WHTOK_7R2-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

NO.	DATE	DESCRIPTION	BY
1	07/26/00	CHANGED SLOPE	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.

WHITE OAKS 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
DESIGNED BY: D.A. Pauling			OF 11
CHECKED BY: James W. Frazell, P.E.			

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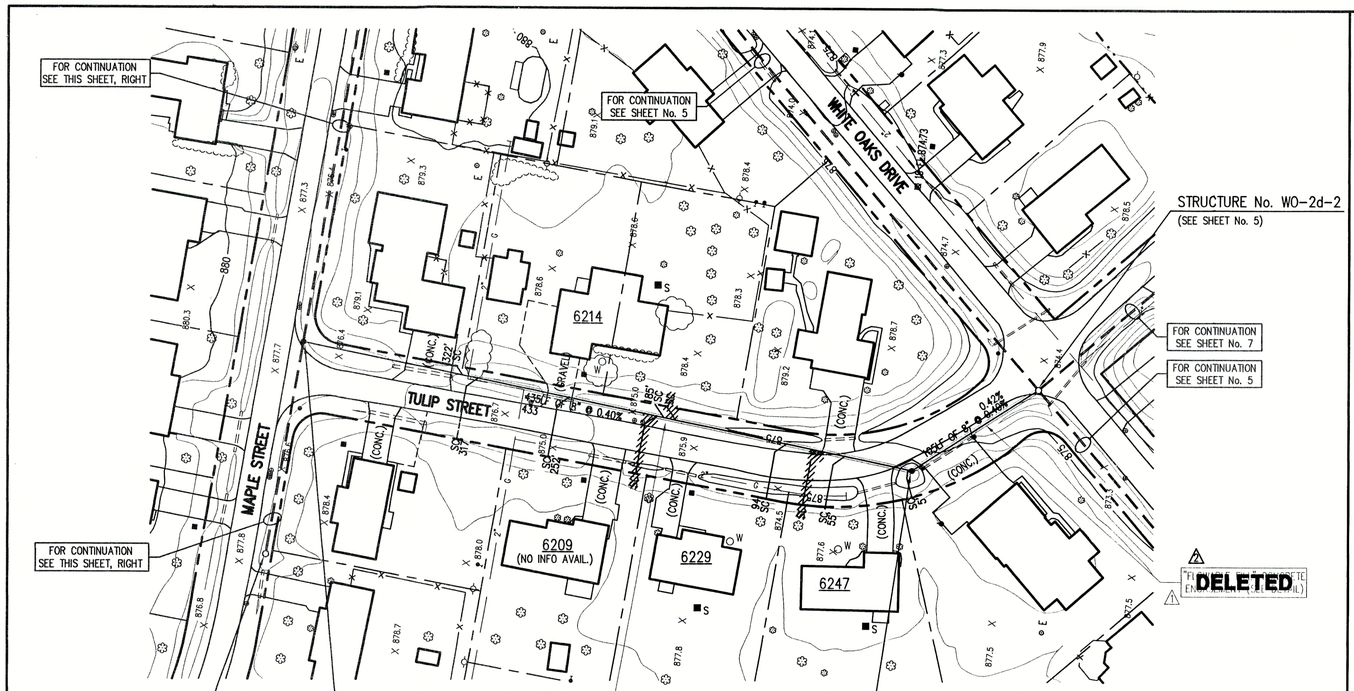

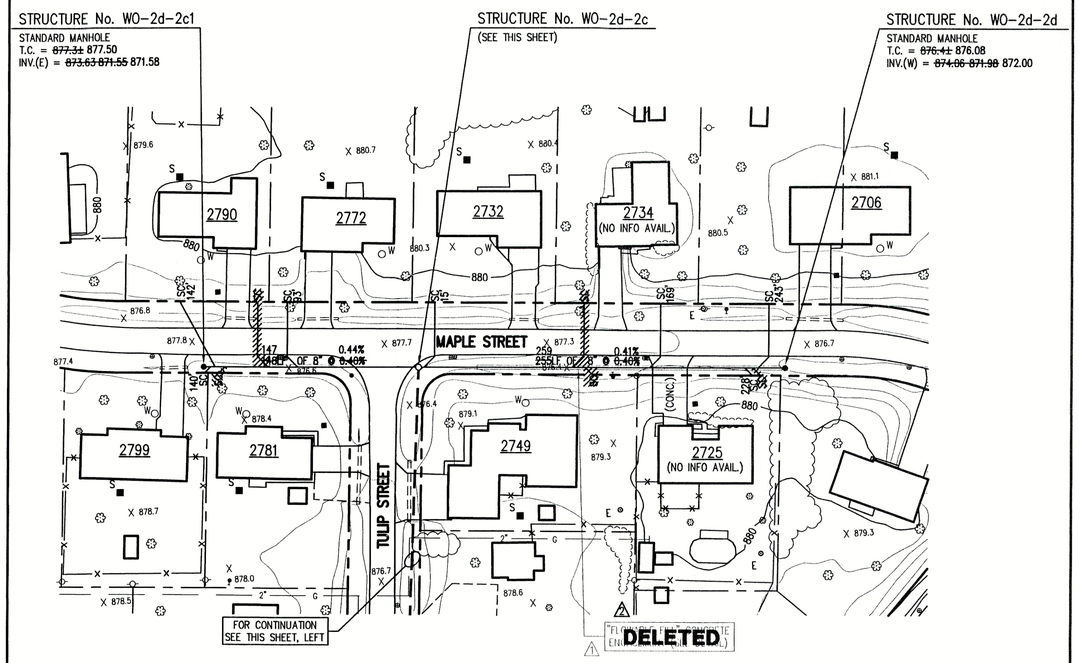

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LEGEND:

TREE	1085 CONTOUR	E	UNDERGROUND ELECTRIC LINE
POWER POLE	X 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. 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

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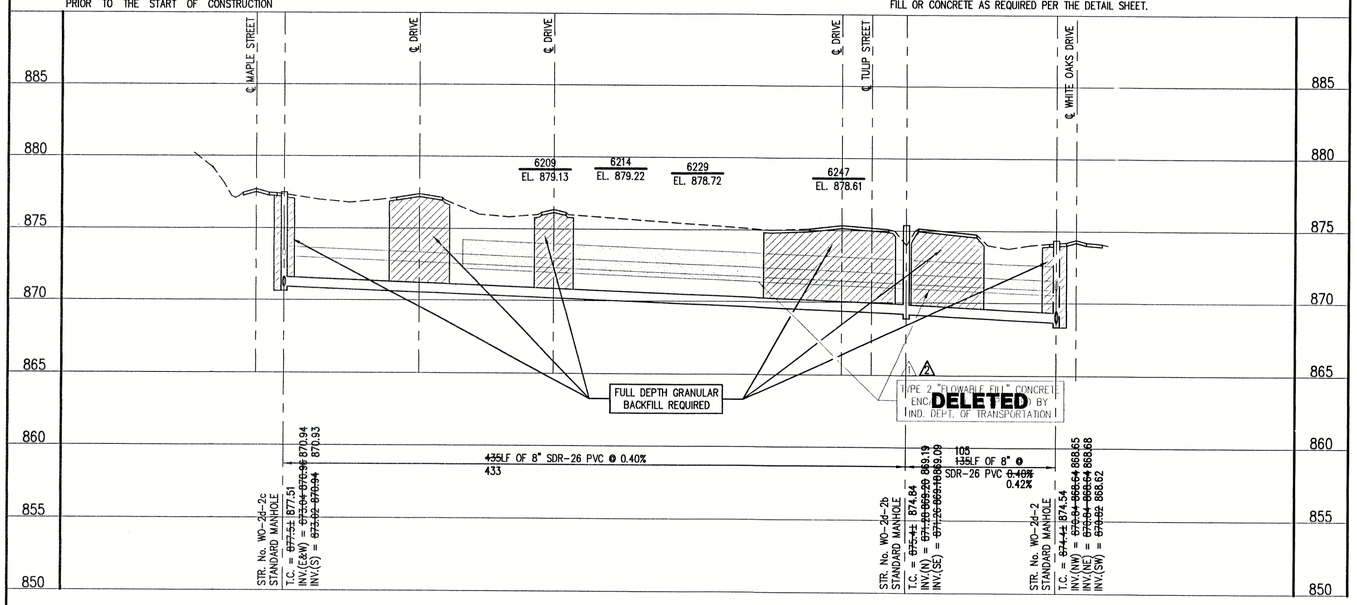

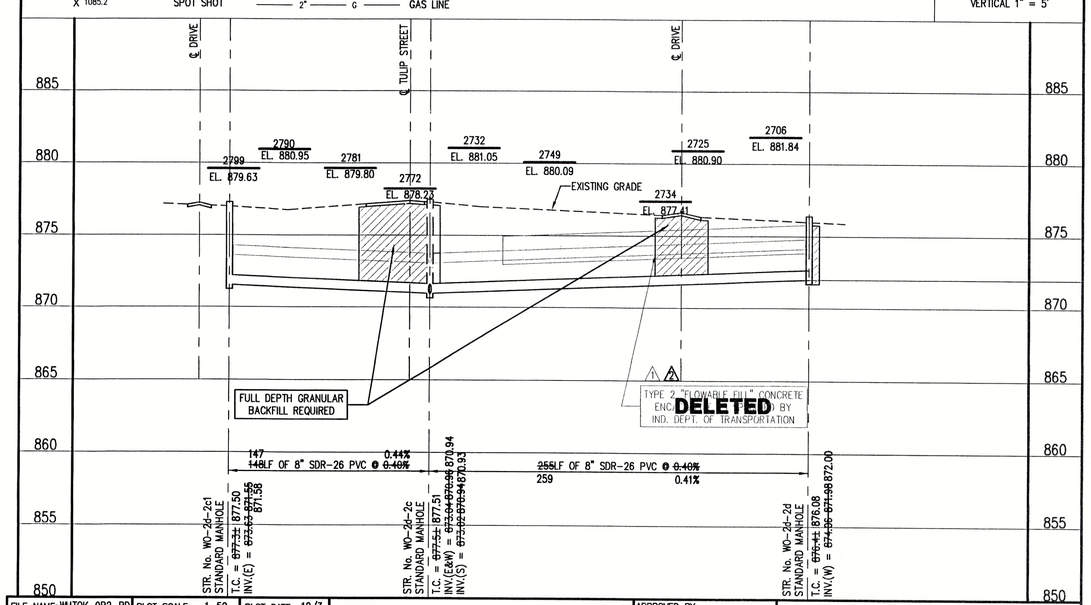

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FILE NAME: WHTOK_9R2-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

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APPROVED BY: THOMAS M. SCHUBERT REGISTERED No. 15614 STATE OF INDIANA PROFESSIONAL ENGINEER
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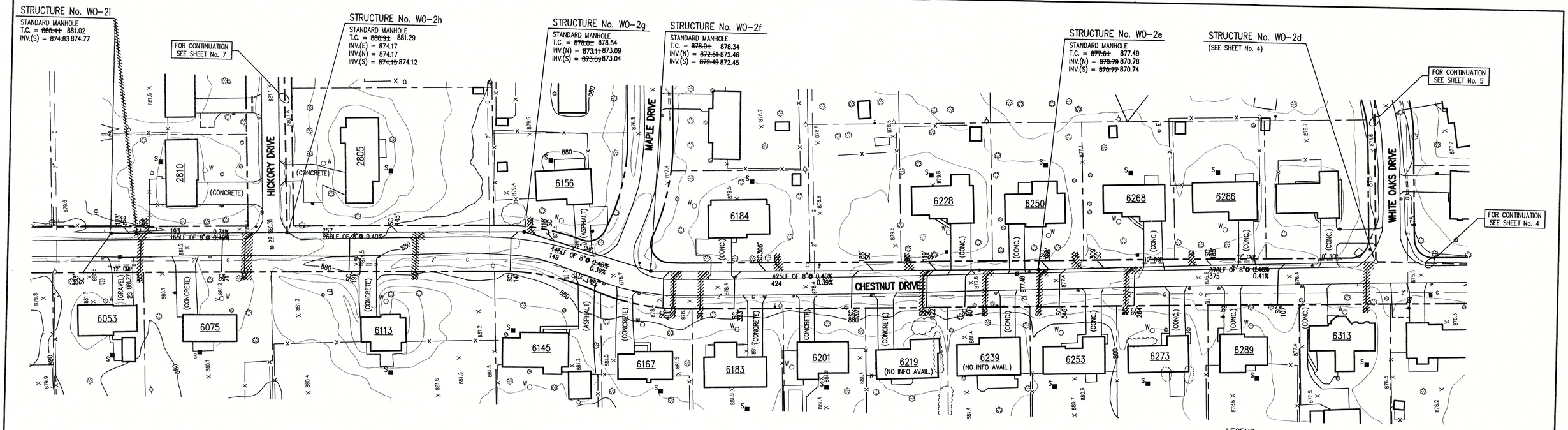
PLAN AND PROFILE

DRAWN BY:	DATE 04/12/98	PROJECT No.	SHEET No.
DAP	SCALE AS NOTED	98008A	8 OF 11
DESIGNED BY:	D.A. Pauling		
CHECKED BY:	James W. Frazell, P.E.		



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LEGEND:

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	POWER POLE		NEW SANITARY SERVICE CONNECTION
	GUY WIRE	4"—W	WATER LINE
	FIRE HYDRANT	2"—G	GAS LINE
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
	FENCE		APPROX. PROPERTY LINE
MH	EXIST. SANITARY SEWER w/ MANHOLE	W	EXISTING WATER WELL
		S	EXISTING SEPTIC TANK

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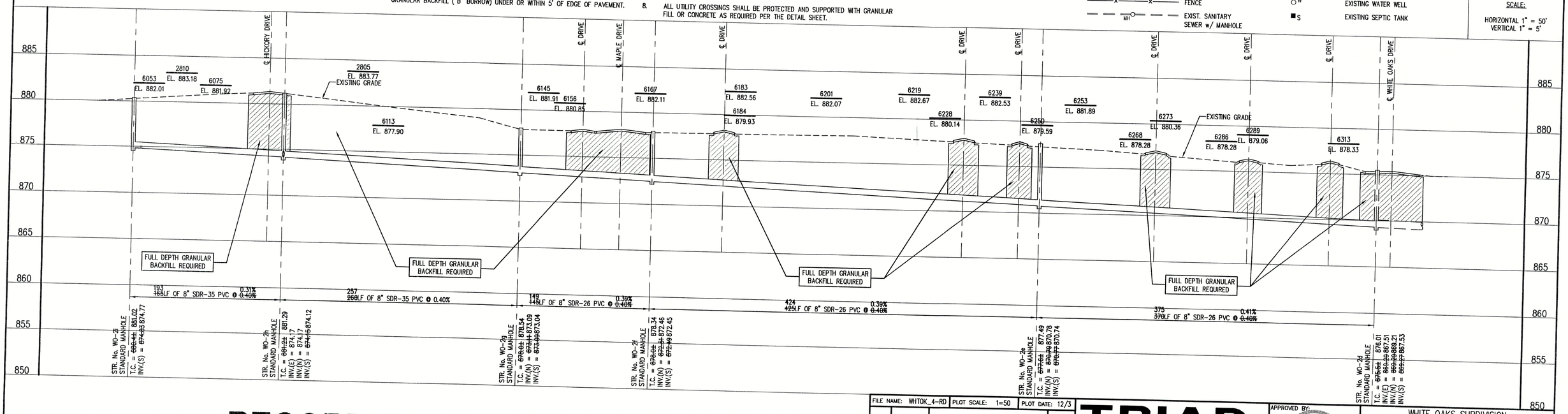
HORIZONTAL 1" = 50'
VERTICAL 1" = 5'



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: WHTOK_4-RD | PLOT SCALE: 1=50 | PLOT DATE: 12/3

TRIAD ASSOCIATES INC.
INDIANAPOLIS, INDIANA

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

WHITE OAKS 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 11
DESIGNED BY: D.A. Pauling			
CHECKED BY: James W. Frazell, P.E.			

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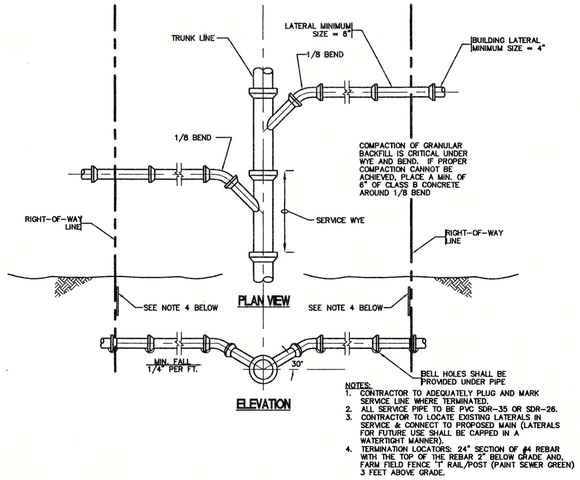
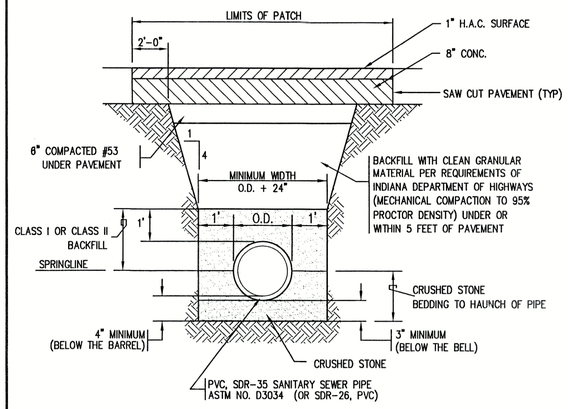


NOTES:
1. CONTRACTOR TO ADEQUATELY PLUG AND MARK SERVICE LINE WHERE TERMINATED.
2. ALL SERVICE PIPE TO BE PVC SDR-35 OR SDR-26.
3. CONTRACTOR TO LOCATE EXISTING LATERALS IN SERVICE & CONNECT TO PROPOSED MAIN (LATERALS FOR FUTURE USE SHALL BE CAPPED IN A WATERTIGHT MANNER).
4. TERMINATION LOCATORS: 24" 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

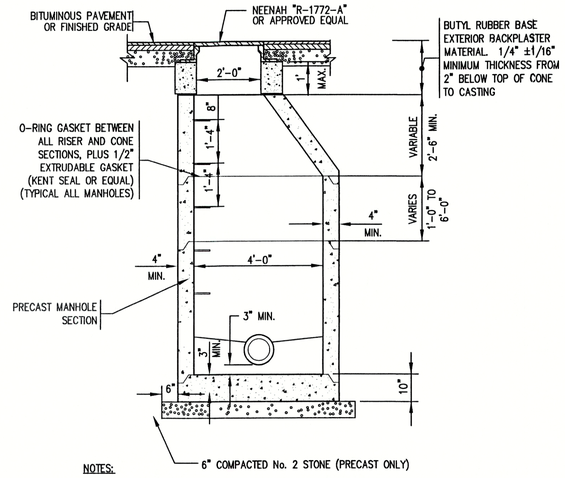
SCALE: N.T.S.



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

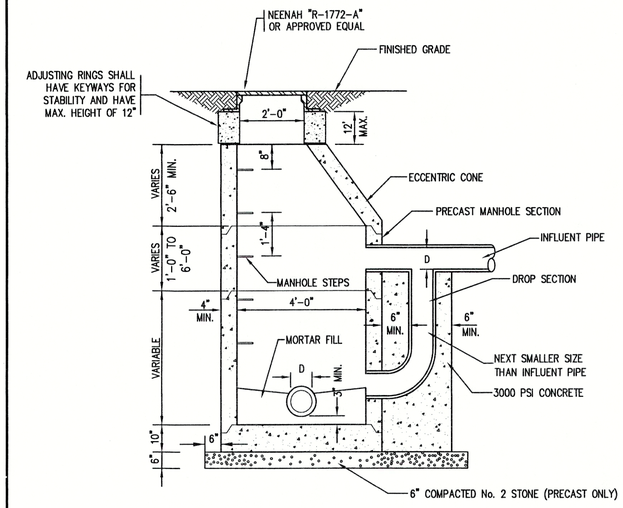
SCALE: N.T.S.



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.

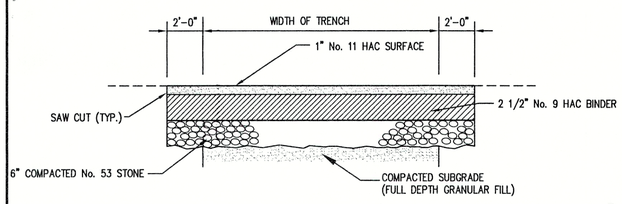


4 DROP MANHOLE

SCALE: N.T.S.

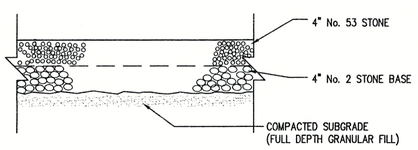
RECORD DRAWING

February 15, 2001



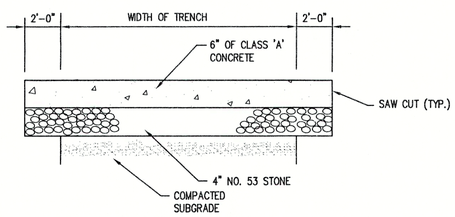
5 ASPHALT DRIVE REPAIR DETAIL

SCALE: N.T.S.



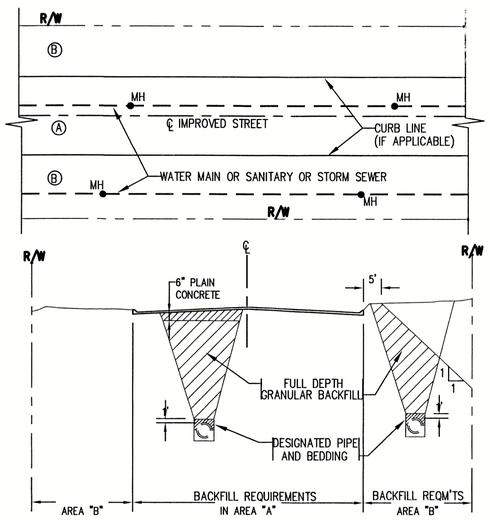
6 STONE DRIVE REPAIR DETAIL

SCALE: N.T.S.



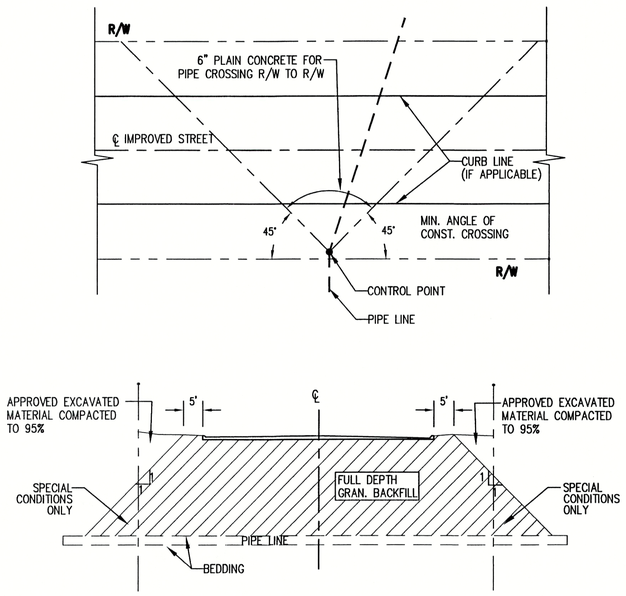
7 CONCRETE DRIVE REPAIR DETAIL

SCALE: N.T.S.



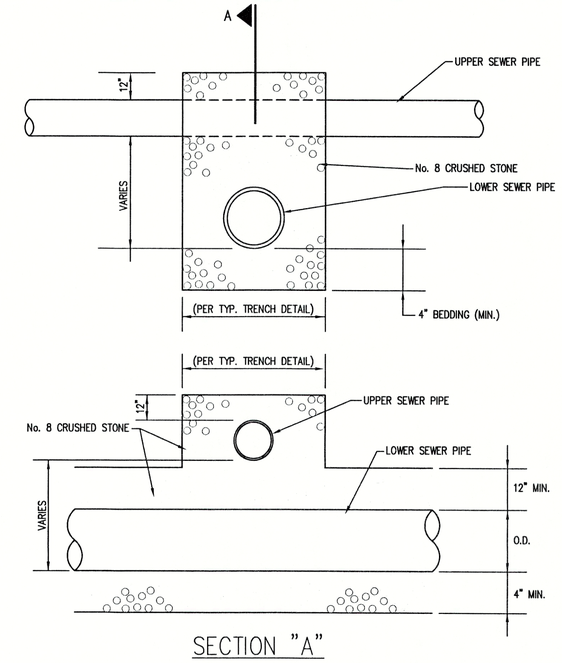
8 BACKFILL REQUIREMENTS

(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.

FILE NAME: WHTOK_D1-RD	PLOT SCALE: 1=1	PLOT DATE: 11/15	
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.

WHITE OAKS 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. 10 OF 11
DESIGNED BY: D.A. Pauling				
CHECKED BY: James W. Frazell, P.E.				

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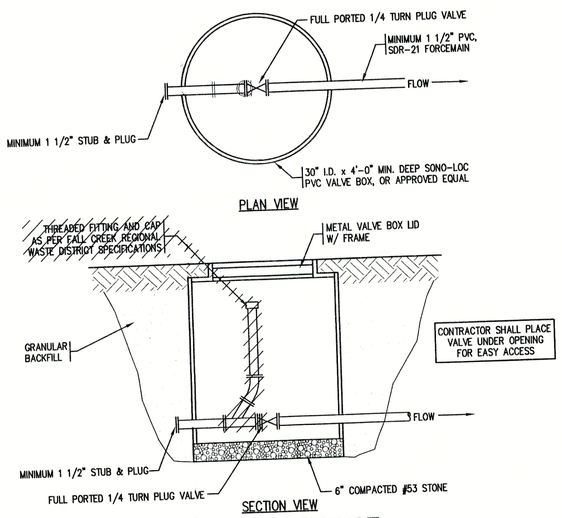
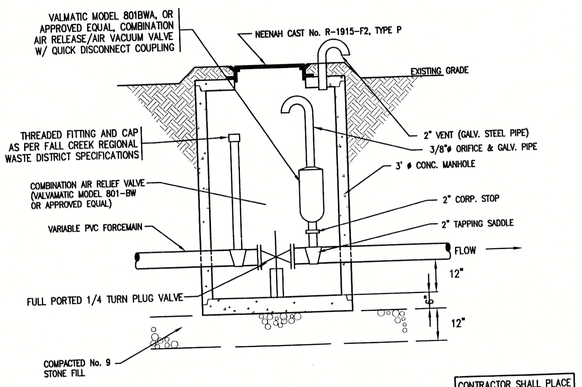


STANDARD SERVICE CONNECTION VALVE VAULT

1 NOT TO SCALE



VALVE VAULT w/ AIR / VAC RELIEF STRUCTURE

2 SCALE: N.T.S.

RECORD DRAWING

February 15, 2001

FILE NAME: WHTOK_D2-RD	PLOT SCALE: 1=1	PLOT DATE: 11/15	
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.

WHITE OAKS SUBDIVISION
FALL CREEK REGIONAL WASTE DISTRICT
STANDARD SANITARY SEWER DETAILS

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

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