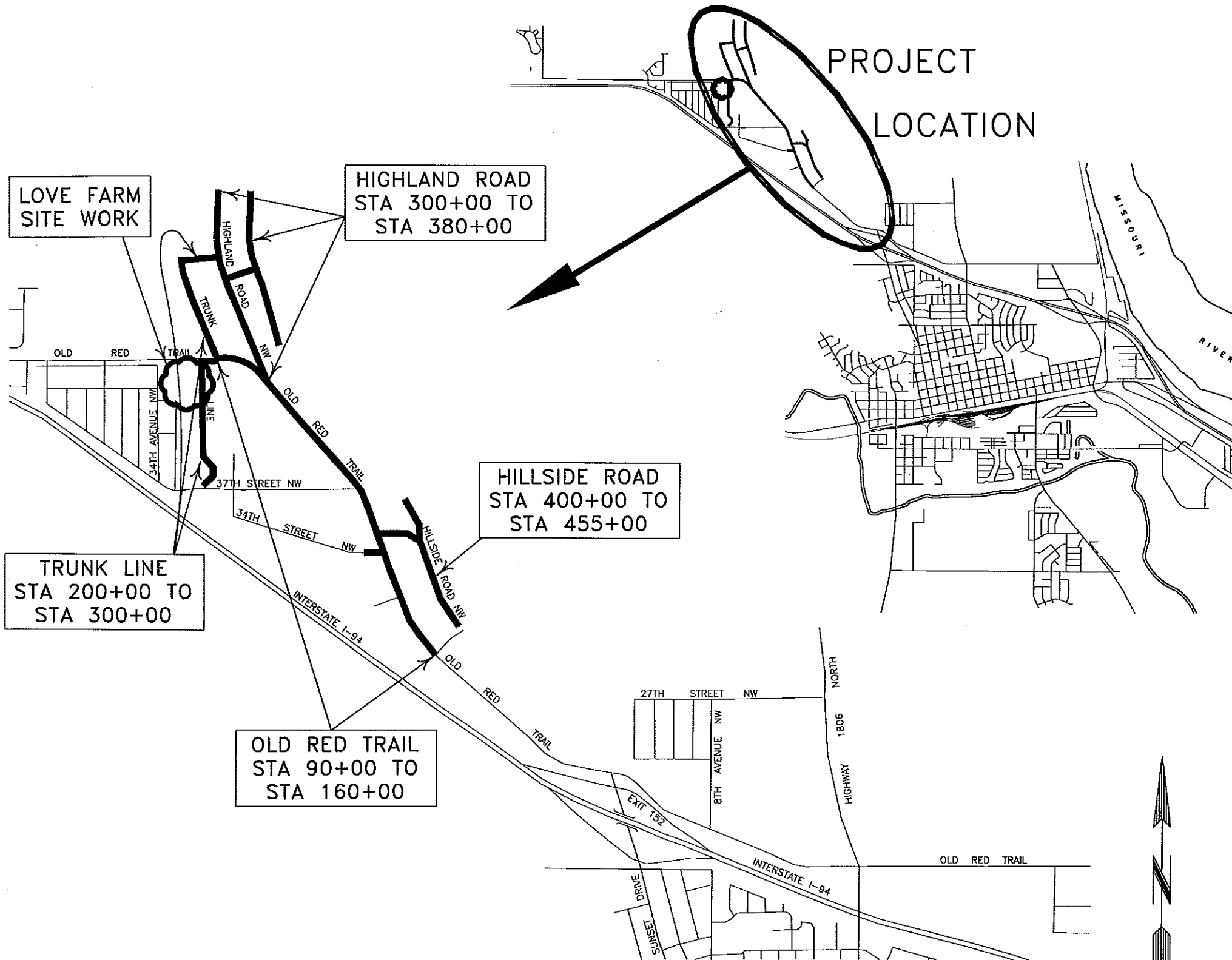


CITY OF MANDAN, NORTH DAKOTA

WATER AND SEWER IMPROVEMENT PROJECT #99-1, DISTRICT #42



LOCATION MAP

RECORD DRAWINGS
JANUARY 2000



ULTEIG ENGINEERS, INC.
 BISMARCK • FARGO • MINNEAPOLIS •
 SIOUX FALLS
 UEI # 98-8927

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RECORD DRAWINGS
JANUARY 2000

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GENERAL NOTES

9. SAW BITUMINOUS PAVEMENT-FULL DEPTH: THE EXISTING BITUMINOUS PAVEMENTS SHALL BE SAWED FULL DEPTH AT THE REMOVAL LIMITS INDICATED ON THE PLAN AND PROFILE SHEETS OR AS OTHERWISE DIRECTED BY THE FIELD ENGINEER. ALL COSTS FOR LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM THE FULL DEPTH SAW CUT SHALL BE INCLUDED IN THE PRICE BID FOR PAVEMENT REMOVAL.
10. CONCRETE REMOVAL: REMOVAL OF CONCRETE DRIVEWAYS AND CURB AND GUTTER SHALL BE SAW CUT AT REMOVAL LIMITS. ALL COSTS FOR LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM THE FULL DEPTH SAW CUT SHALL BE INCLUDED IN THE PRICE BID FOR REMOVAL OF CONCRETE OR REMOVAL OF CURB AND GUTTER.
11. DRIVEWAYS: ALL DRIVEWAYS SHALL BE CONSTRUCTED TO MATCH EXISTING DRIVEWAY MATERIAL AND THICKNESS UNLESS OTHERWISE NOTED. DRIVES SHALL BE REPLACED AS DIRECTED BY THE ENGINEER IN THE FIELD.
12. THE CONTRACTOR SHALL USE SPECIAL CARE TO AVOID DISTURBING EXISTING PROPERTY CORNER SURVEY MARKERS. IF A CORNER NEEDS TO BE DISTURBED BY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHO WILL THEN WORK WITH THE CONTRACTOR USING OFFSETS TO REPLACE THE CORNER PIN. FAILURE OF THE CONTRACTOR TO COOPERATE WITH THE ENGINEER WILL RESULT IN THE CONTRACTOR HAVING TO HIRE A REGISTERED LAND SURVEYOR, AT HIS OWN EXPENSE, TO REPLACE LOST CORNERS.
13. DISPOSAL OF REMOVED MATERIALS:
DISPOSAL OF CONCRETE PAVEMENT, ASPHALT PAVEMENT, CURB AND GUTTER, PIPE, TREES, MANHOLES, INLETS, AND OTHER INERT MATERIALS MAY BE DISPOSED OF AT THE CITY'S INERT LANDFILL LOCATED APPROXIMATELY 8 MILES SOUTHWEST OF THE CITY. THERE WILL BE NO DISPOSAL FEES CHARGED AT THIS SITE. MATERIALS SHALL BE DELIVERED TO THE DESIGNATED AREAS WITHIN THE SITE FOR THE VARIOUS TYPES OF ITEMS TO BE DISPOSED OF.
14. MAILBOXES: AT THE HILLSIDE ROAD - OLD RED TRAIL INTERSECTION A CLUSTER OF 14 MAILBOXES EXISTS. THE 14 MAILBOXES ARE CURRENTLY MOUNTED TO A LUMBER FRAMEWORK. THIS SUPPORT FRAMEWORK WILL BE REMOVED AND REPLACED WITH 3 MULTIPLE MAILBOX SUPPORT KITS MEETING THE REQUIREMENTS DETAILED IN THE SPECIFICATIONS. THE COSTS INCLUDED IN THE MATERIALS AND INSTALLATION OF THESE MULTIPLE SUPPORT KITS WILL BE PAID AS THE PRICE BID FOR 14 SINGLE "REMOVE AND RESET MAILBOXES".
15. ANY COSTS FOR THE DISPOSAL OF EXCESS EXCAVATION FROM THE TRENCHES OF STORM DRAINS, WATERLINES, WATERMAINS, SANITARY SEWERS, AND RELATED ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE RESPECTIVE PAY ITEM.
16. SEWERMAINS: AT LOCATIONS SHOWN IN THE PLANS, NEW SEWERMAINS WILL BE INSTALLED INTO EXISTING MANHOLES AND EXISTING SEWERMAINS WILL BE REMOVED FROM INPLACE MANHOLES. THE INVERTS OF THE EXISTING SEWERS, AS SHOWN, ARE APPROXIMATE ONLY, AND SOME REVISIONS TO THE MANHOLE ELEVATIONS AND RISER LENGTHS MAY BE REQUIRED TO PROPERLY MATCH THE ACTUAL SEWER ELEVATIONS. THE COST OF CUTTING INTO THE MANHOLES, REMOVING AND REPLACING SEWER LINES, GROUTING, AND OTHER INCIDENTALS REQUIRED TO COMPLETE THESE INSTALLATIONS SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS.
17. WATERMAIN VALVES: ALL WATERMAIN AND HYDRANT LEAD VALVES SHALL BE INSTALLED 3' FROM THE CENTERLINE OF FITTINGS UNLESS OTHERWISE SPECIFIED ON THE PLANS.
18. WATERMAIN CONSTRUCTION:
 1. EXISTING WATERMAIN WITHIN CONSTRUCTION SEGMENTS TO REMAIN IN SERVICE UNTIL SERVICES CAN BE SWITCHED OVER TO THE NEW WATERMAIN OR A TEMPORARY SUPPLY. NEW WATERMAIN WILL NEED TO BE INSTALLED IN SEGMENTS.
 2. CONTRACTOR WILL BE REQUIRED TO INSTALL TEMPORARY PLUGS IN EXISTING WATERMAIN TO ALLOW SYSTEMATIC WATERMAIN CONSTRUCTION TO OCCUR, LOCATIONS REQUIRE ENGINEER'S APPROVAL. ALL COSTS INCIDENTAL.
 3. ADEQUATE NOTICE TO BE GIVEN TO ALL USERS PRIOR TO DISRUPTING SERVICE. SERVICE CANNOT BE DISRUPTED MORE THAN 8 HOURS. IF SERVICE IS DISRUPTED FOR MORE THAN 8 HOURS, THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE.
 4. THE CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE TO AFFECTED PROPERTY OWNERS. THE TEMPORARY SUPPLY LINE SHALL NOT BE COMPOSED OF RUBBER. THE COST OF PROVIDING TEMPORARY WATER SERVICE SHALL BE INCIDENTAL IN THE PRICE BID FOR OTHER ITEMS. SCHEDULING OF WORK REQUIRING CLOSURE OF ANY WATERMANS SHALL BE COORDINATED WITH THE CITY. ANY OPERATIONS OF WATERMAIN VALVES TO BE DONE BY THE CITY OF MANDAN.
 5. THE EXISTING 2" AND 4" WATERMANS WILL BE ABANDONED IN PLACE. THE TOP SECTION OR PORTION OF VALVE BOXES SHALL BE REMOVED AND FIRE HYDRANTS SHALL BE CUT OFF A MINIMUM 2' BELOW GROUND AND THE REMAINING RISERS SHALL BE FILLED WITH SAND AND BACKFILLED TO THE EXISTING GROUND ELEVATION. ALL COSTS INCLUDED WITH CLEARING AND GRUBBING.
 6. ANY ADAPTORS NECESSARY TO ADAPT FROM AN EXISTING WATERMAIN PIPE OR A SPECIFIED WATERMAIN PIPE TO THE WATERMAIN PIPE SELECTED SHALL BE CONSIDERED INCIDENTAL TO THE WATERMAIN PIPE BID.
 7. ALL FITTINGS, VALVES AND HYDRANT SHOES SHALL BE INSTALLED WITH A POLYETHYLENE ENCASEMENT CONFORMING TO AWWA C-105, ANSI A21.5 WITH AN 8 MIL NOMINAL FILM THICKNESS. NOT A SEPARATE BID ITEM. COST TO BE INCLUDED IN PRICE BID FOR WATERMAIN PIPE.

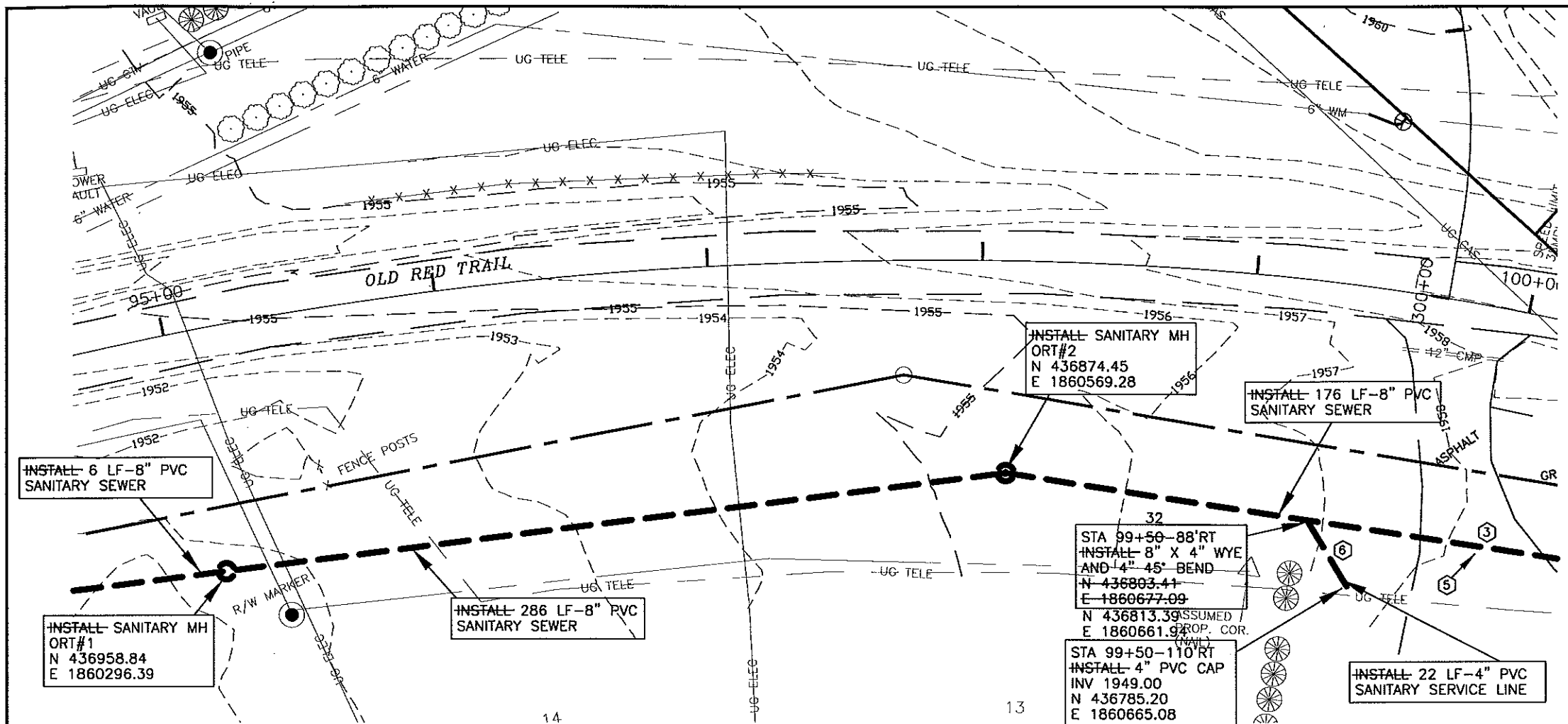
RECORD DRAWINGS
JANUARY 2000

GENERAL NOTES

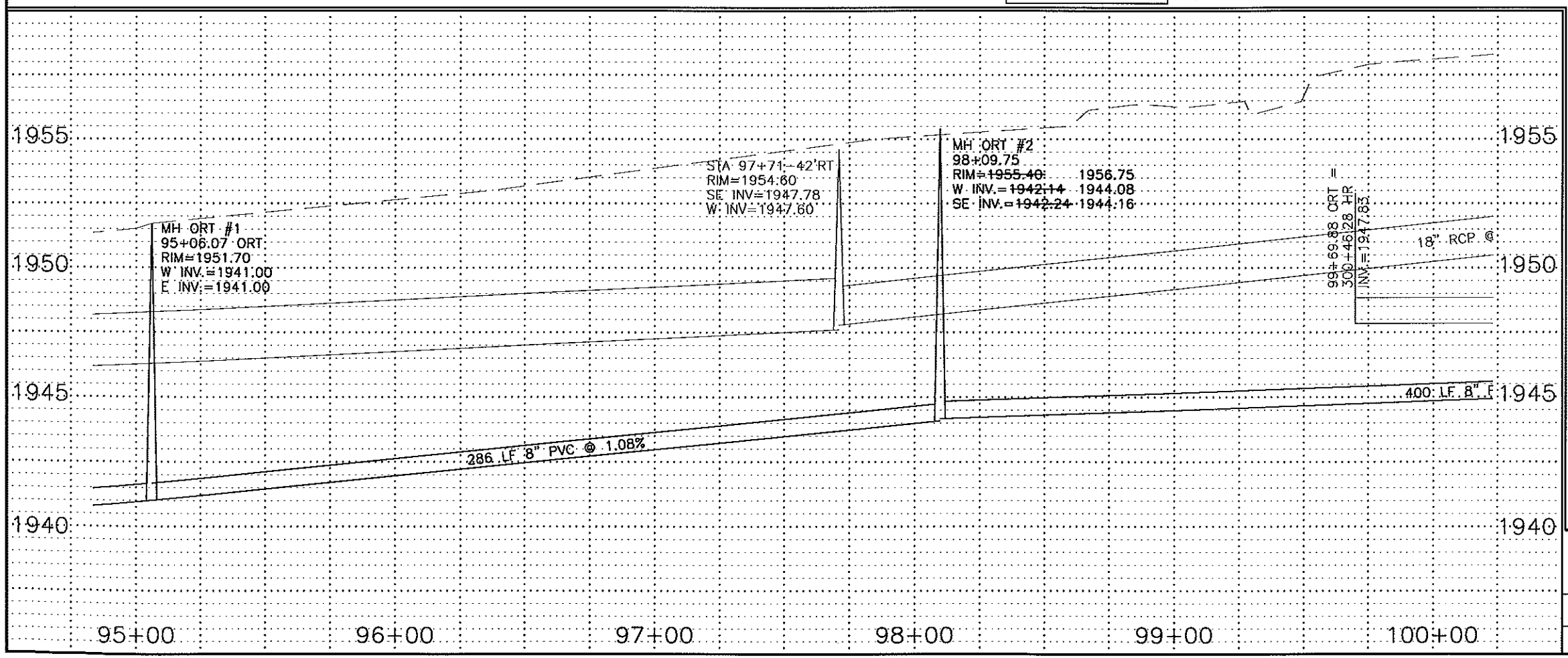
SHEET 4



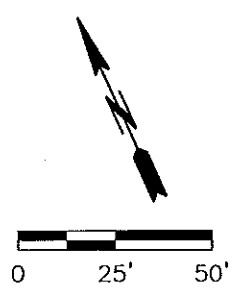
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- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING. 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.
 - ④ SEED DISTURBED AREAS.
 - ⑤ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑥ INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.



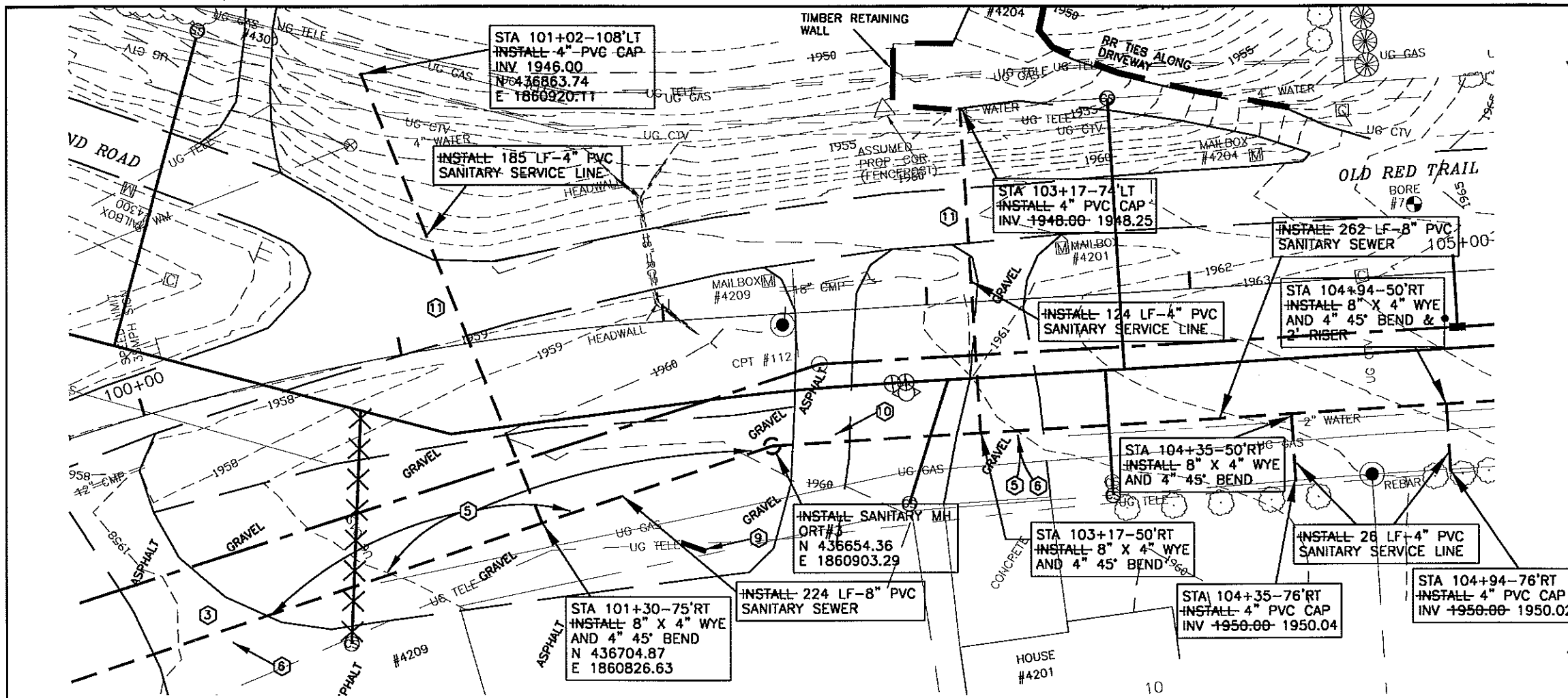
RECORD DRAWINGS
JANUARY 2000



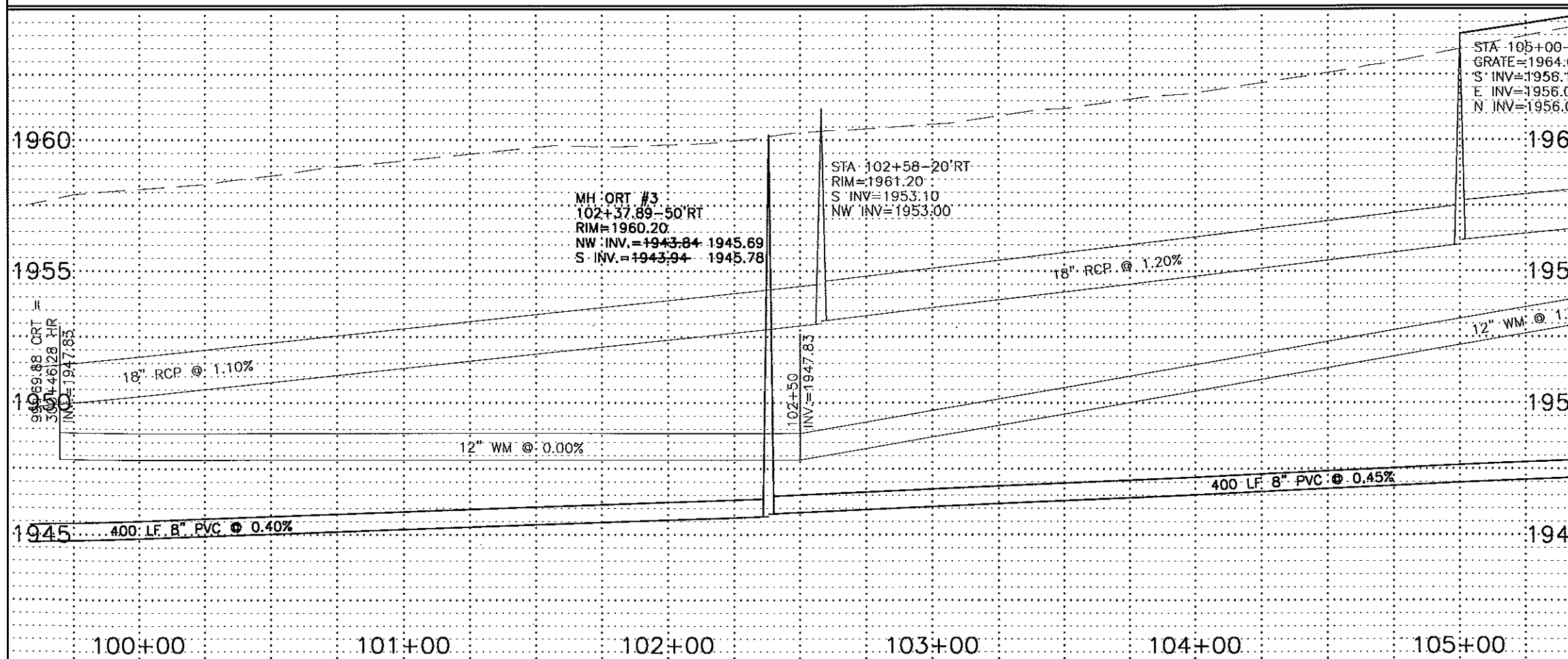
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

OLD RED TRAIL
STA 95+00 TO 100+00
SANITARY
SHEET 9

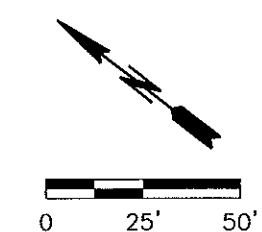




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 - REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.
 - ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.
 - CONTRACTOR TO PROTECT EXISTING BRICK SIGN BASE.
 - CONTRACTOR SHALL REMOVE DRIVEWAY TO FACILITATE SEWER MAIN CONSTRUCTION. RECONSTRUCTION OF DRIVEWAY SHALL BE AS DETAILED ON THE STORM SEWER SHEET FOR THIS AREA OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
 - REMOVE AND REPLACE ASPHALT PAVEMENT. THICKNESS SHALL BE 3.5". 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.



RECORD DRAWINGS
JANUARY 2000



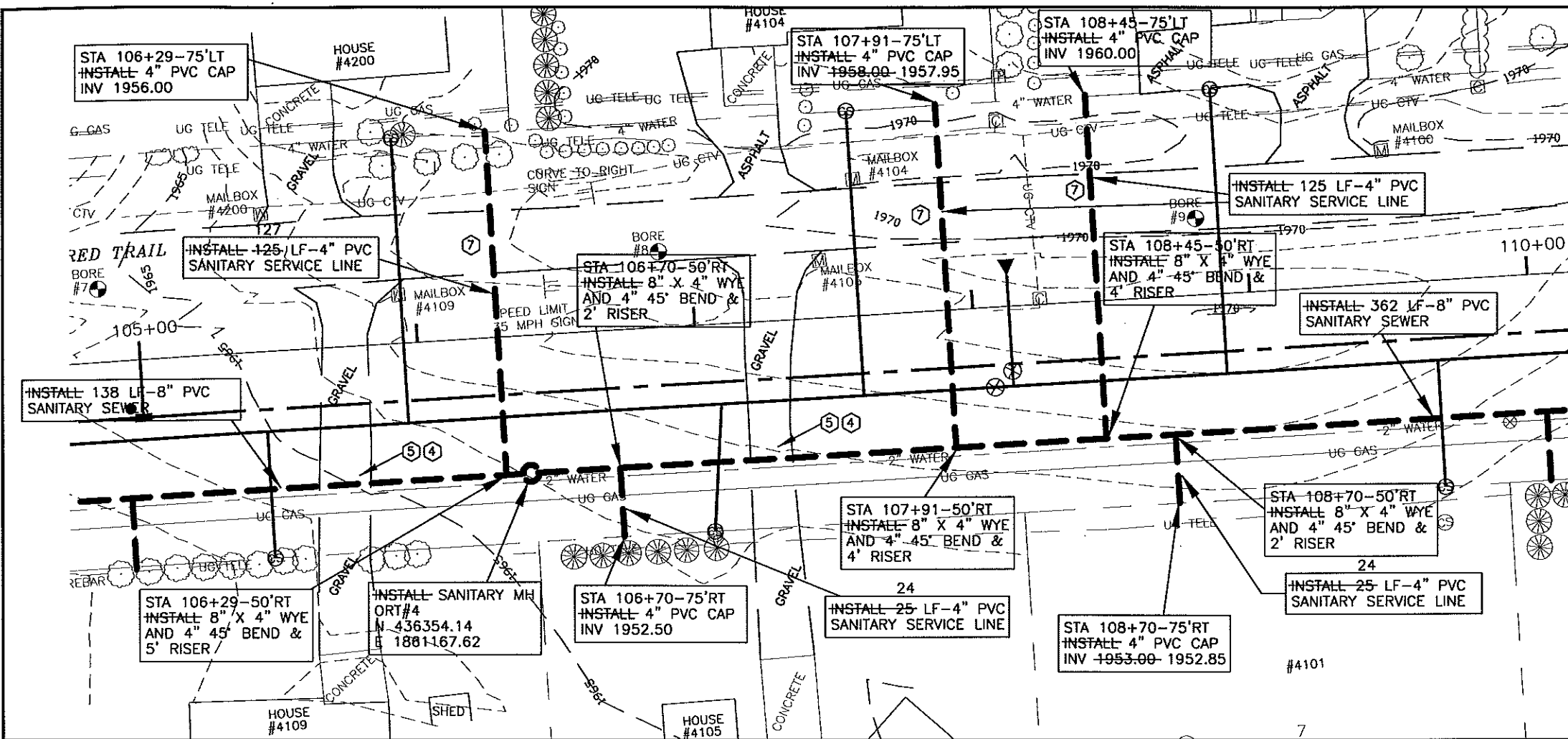
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

OLD RED TRAIL
STA 100+00 TO 105+00

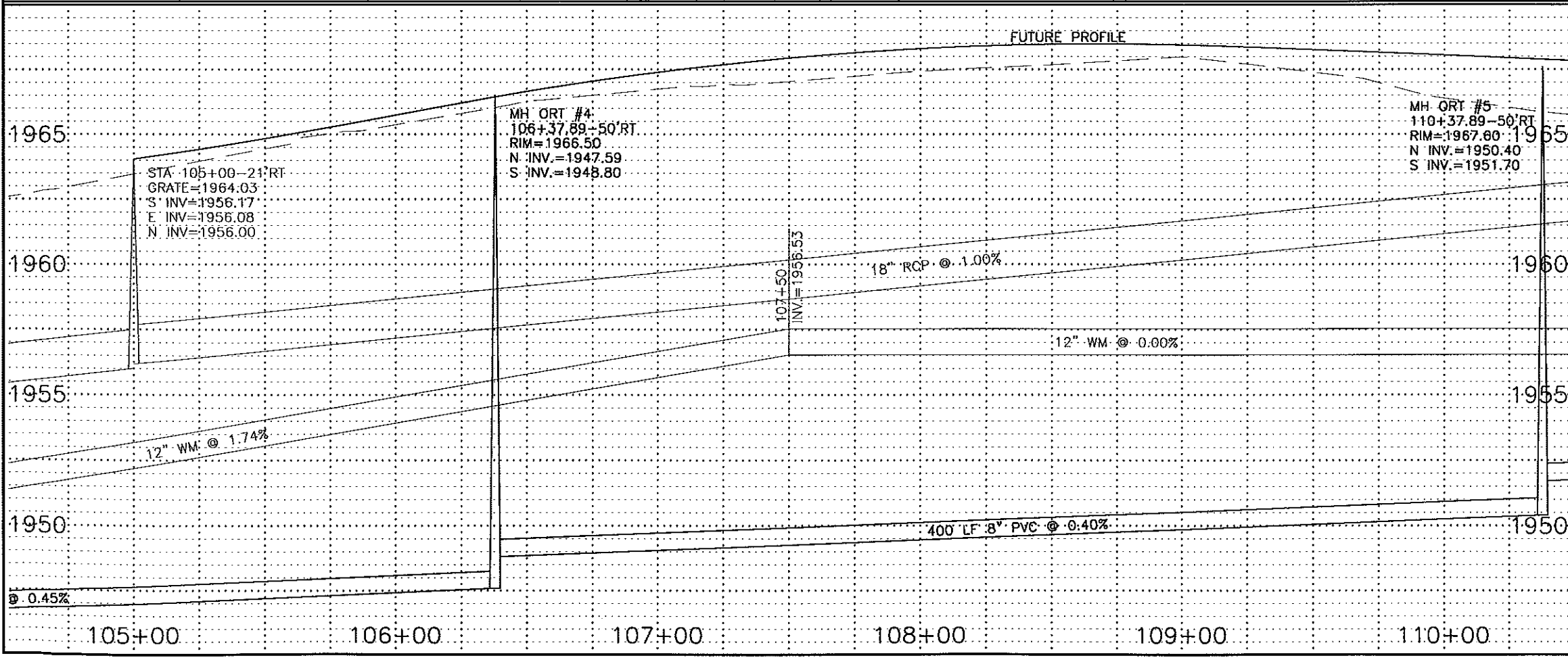
SANITARY

SHEET 10

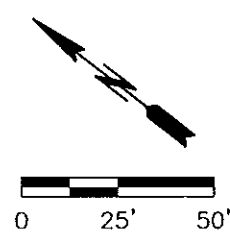
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JANUARY 2000

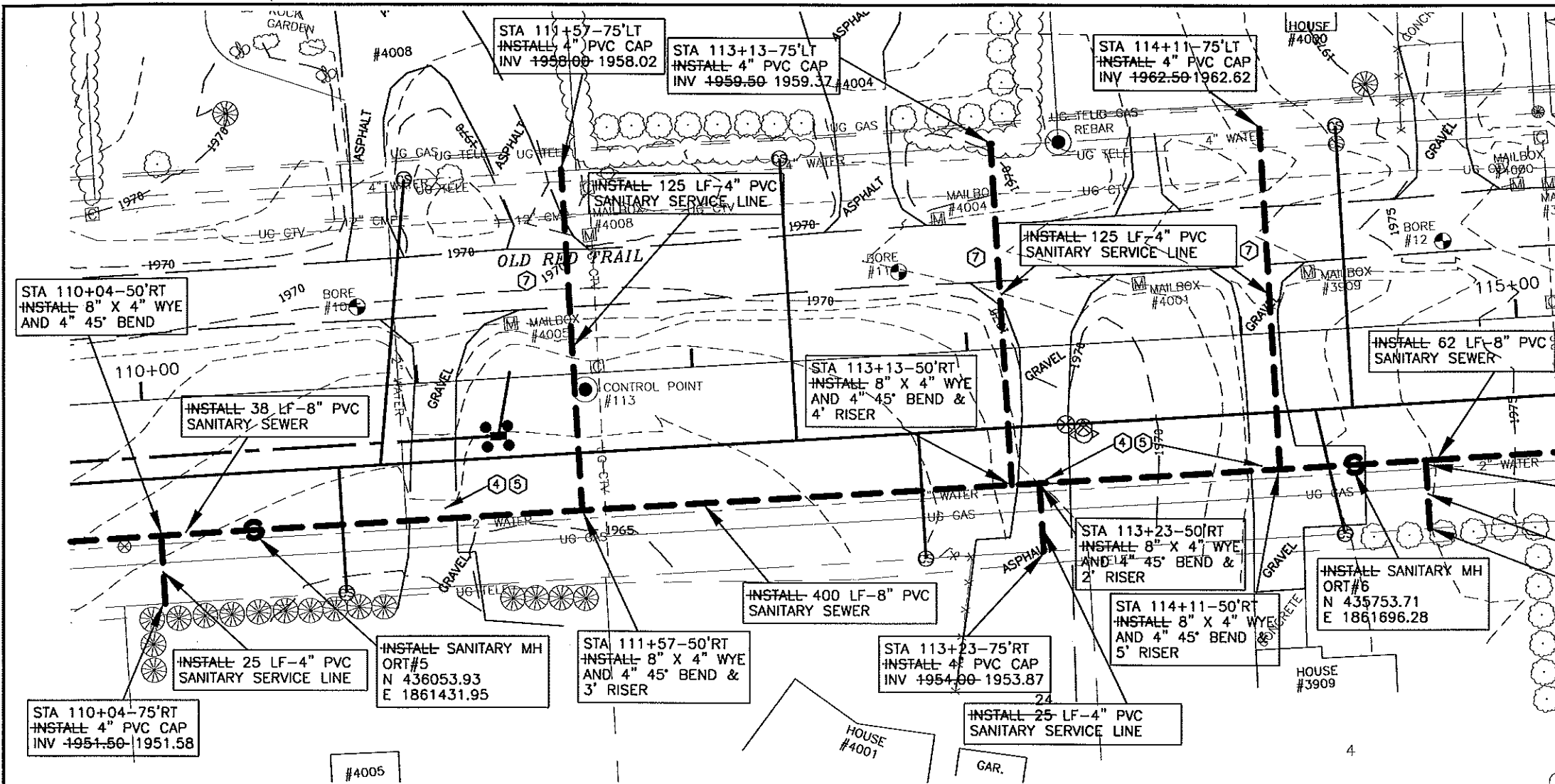


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

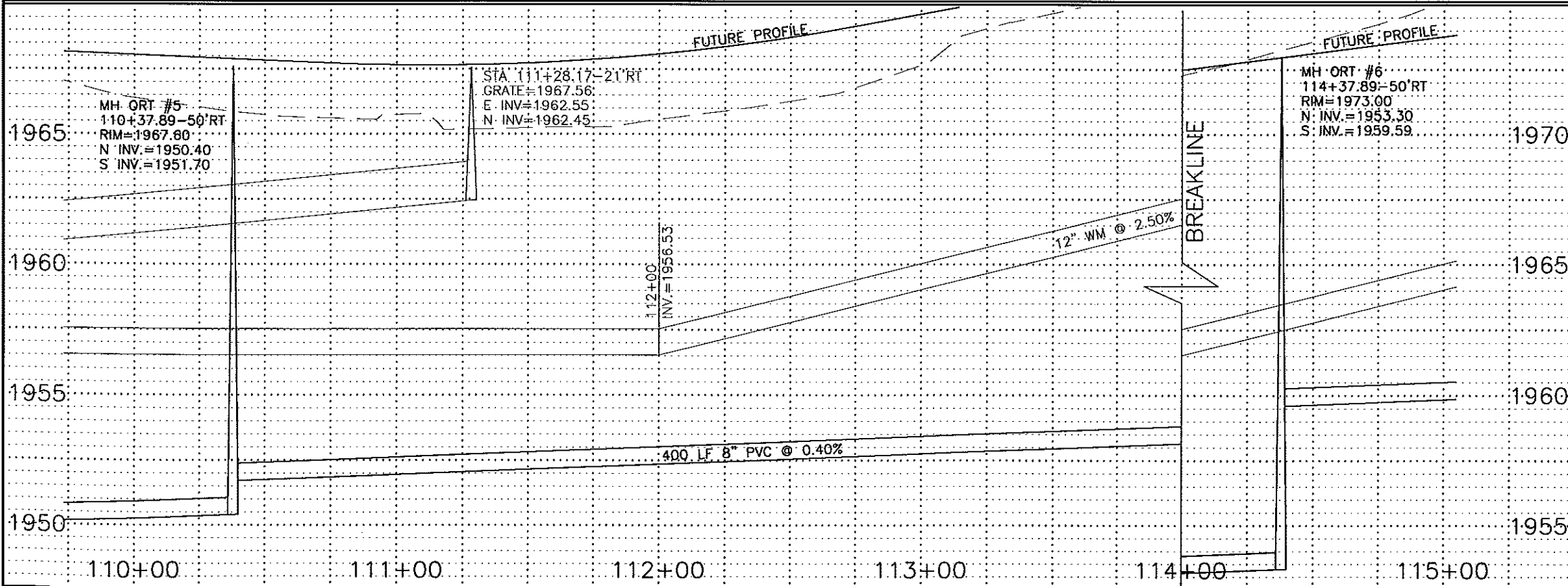
OLD RED TRAIL
STA 105+00 TO 110+00
SANITARY
SHEET 11



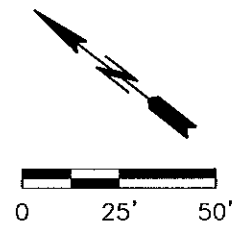
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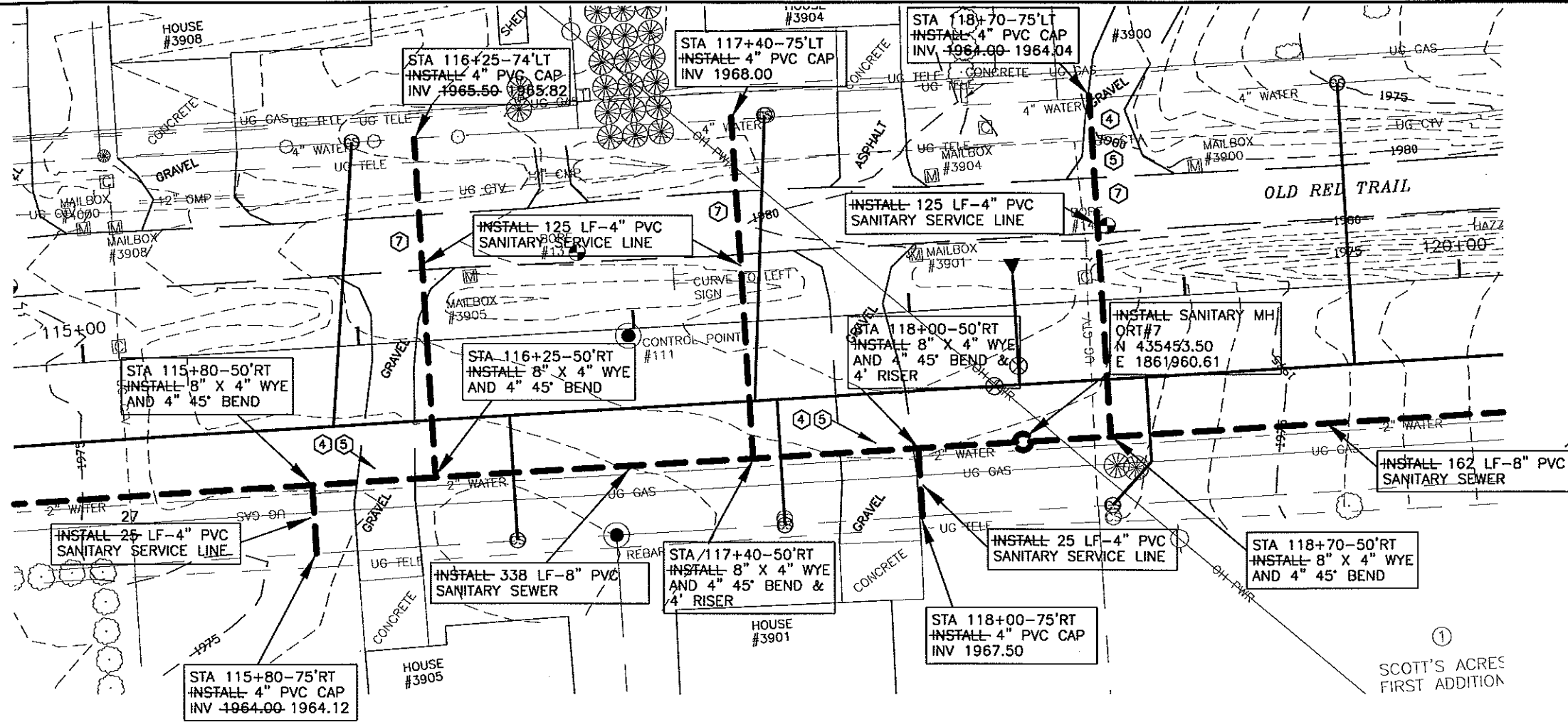


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

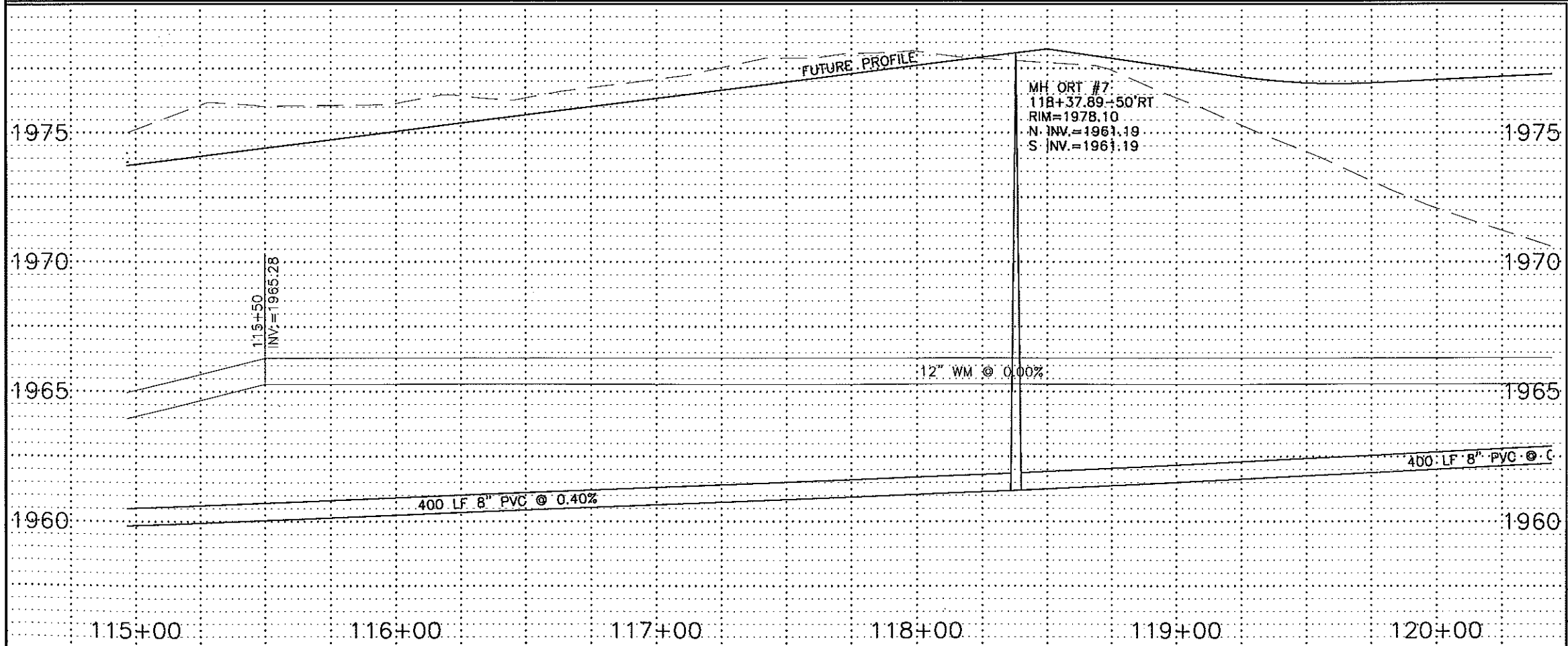
OLD RED TRAIL
STA 110+00 TO 115+00
SANITARY
SHEET 12



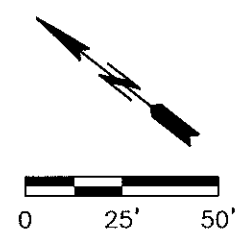
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JANUARY 2000

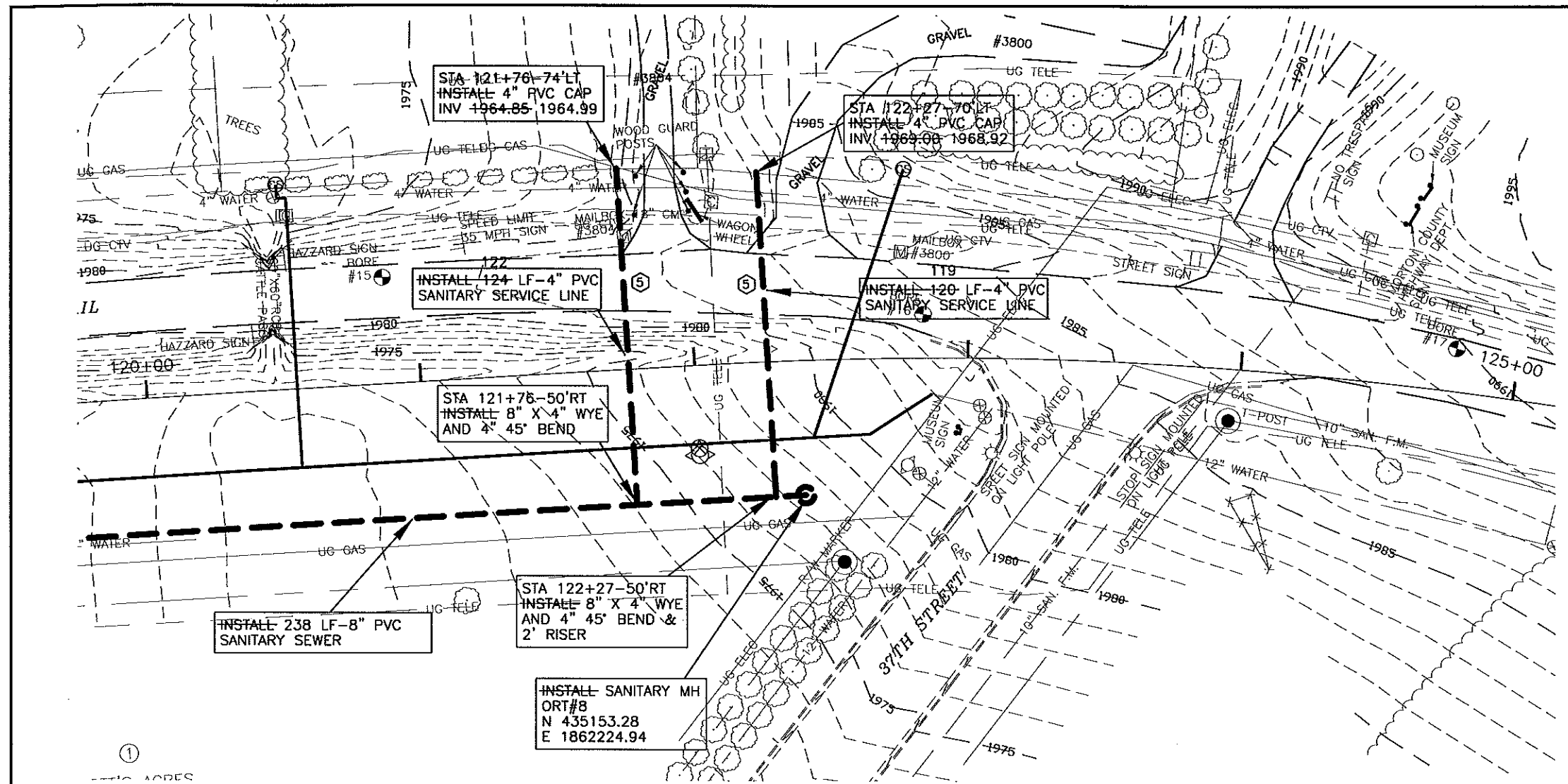


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

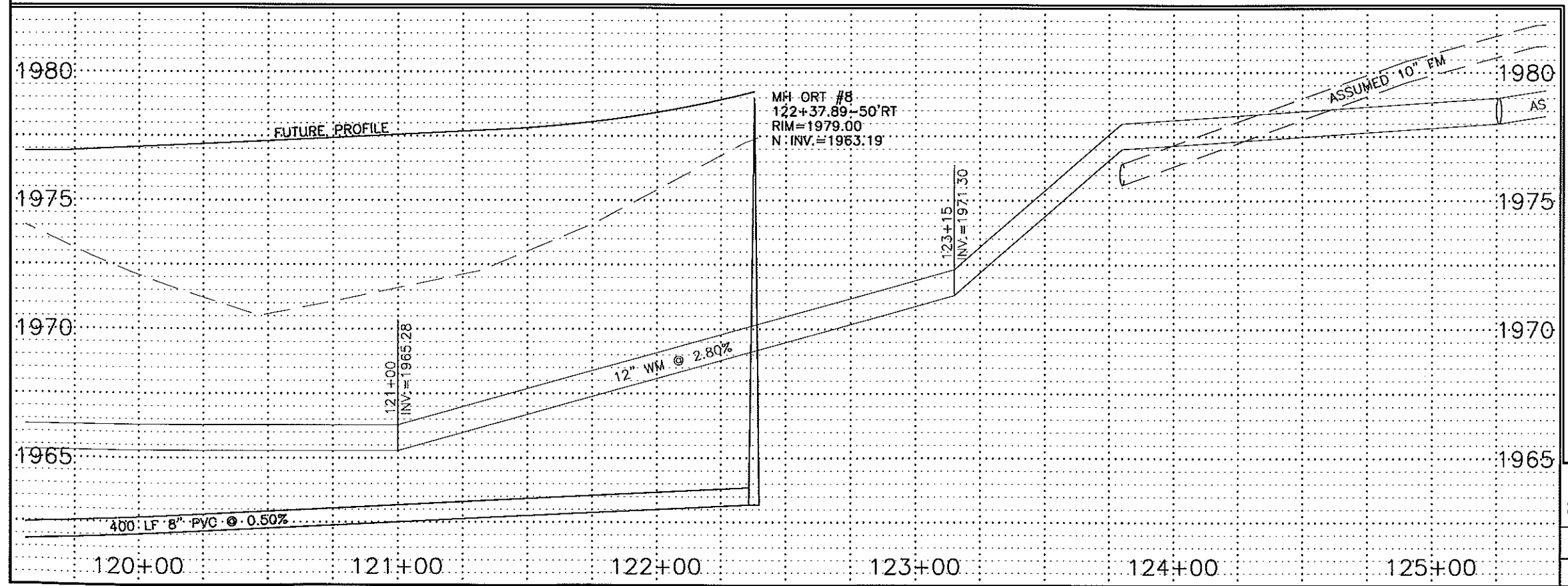
OLD RED TRAIL
STA 115+00 TO 120+00
SANITARY
SHEET 13



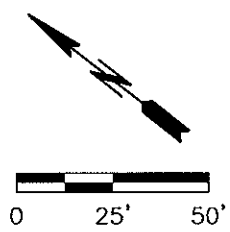
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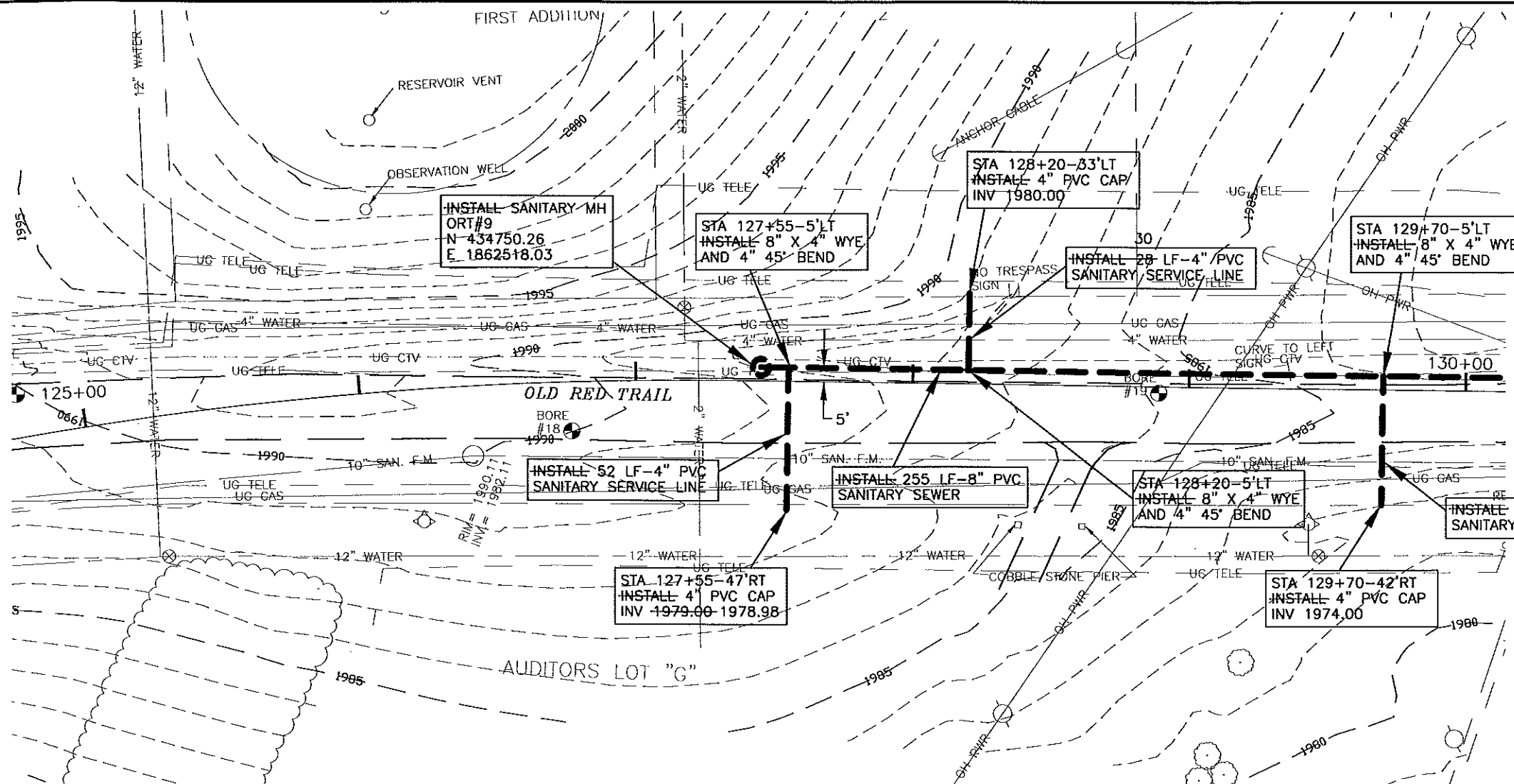


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

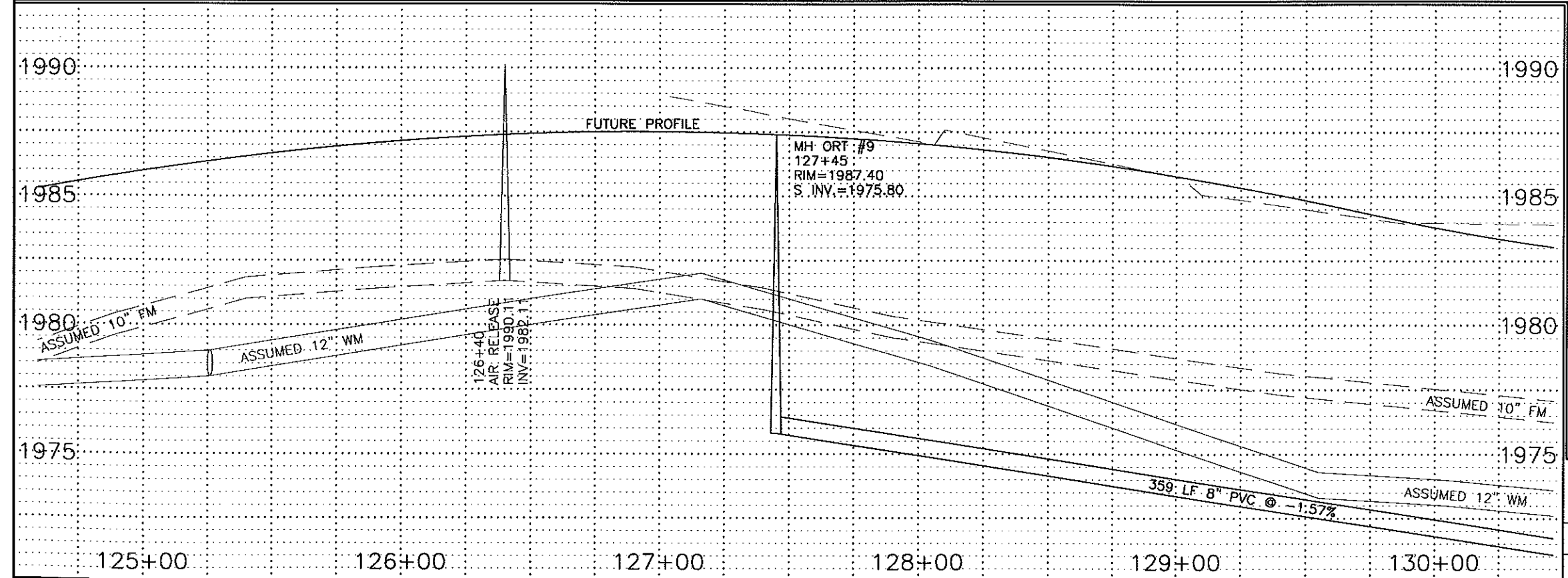
OLD RED TRAIL
STA 120+00 TO 125+00
SANITARY
SHEET 14



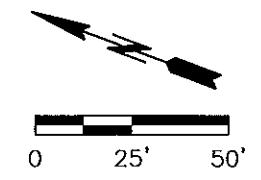
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RECORD DRAWINGS
JANUARY 2000

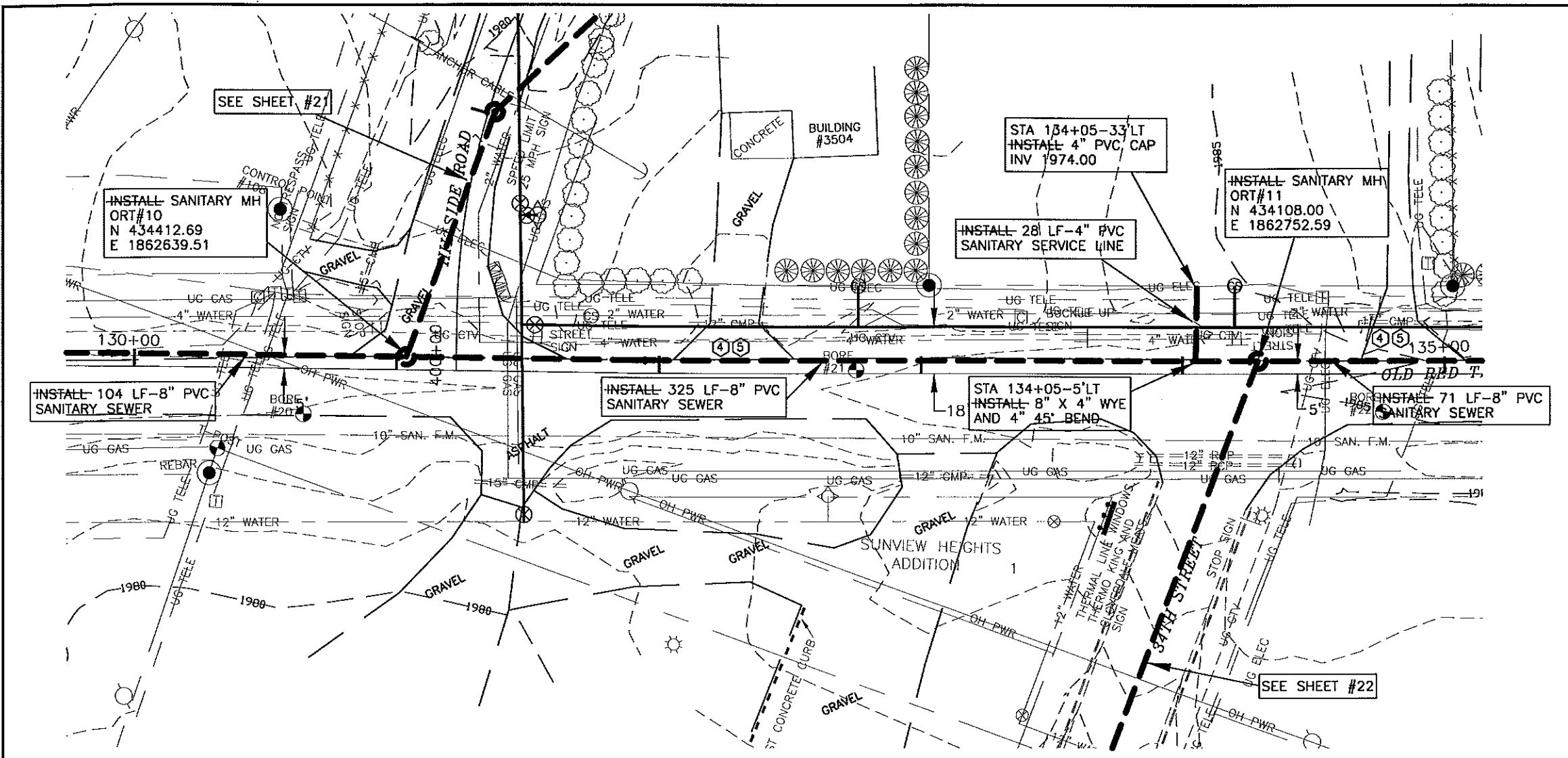


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

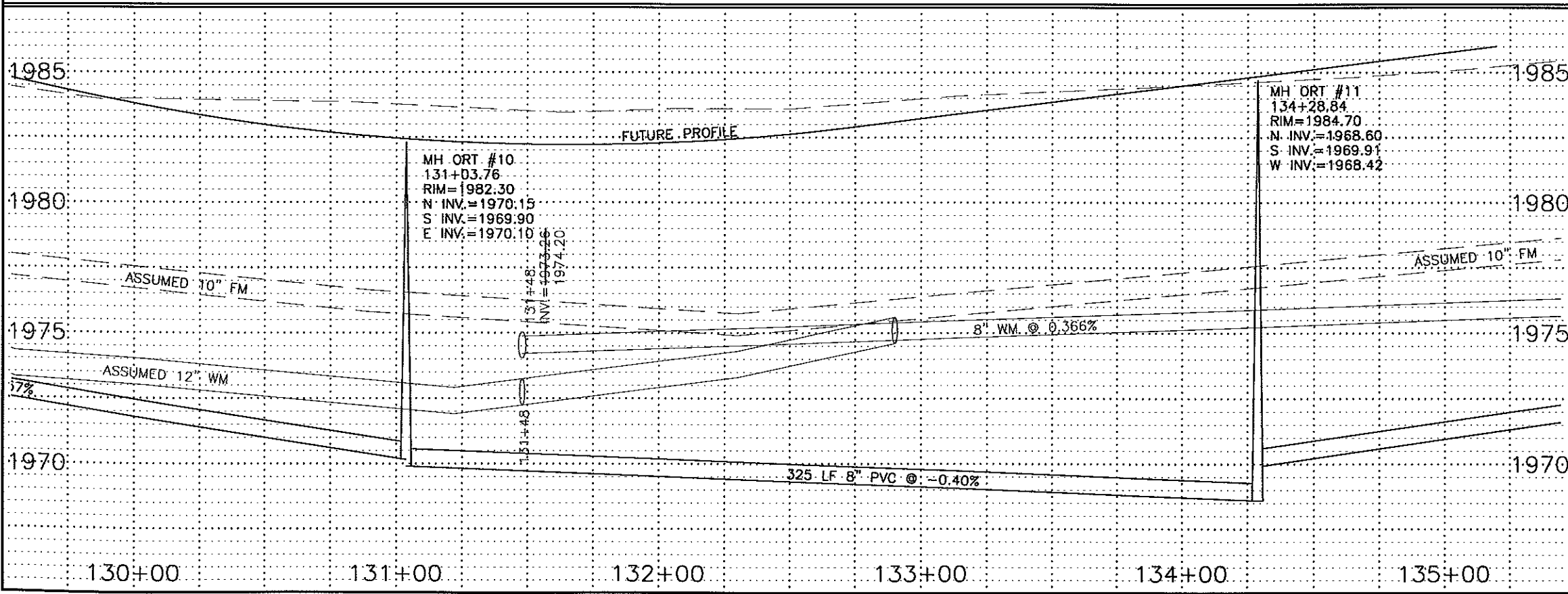
OLD RED TRAIL
STA 125+00 TO 130+00
SANITARY
SHEET 15



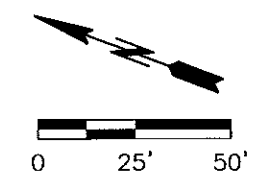
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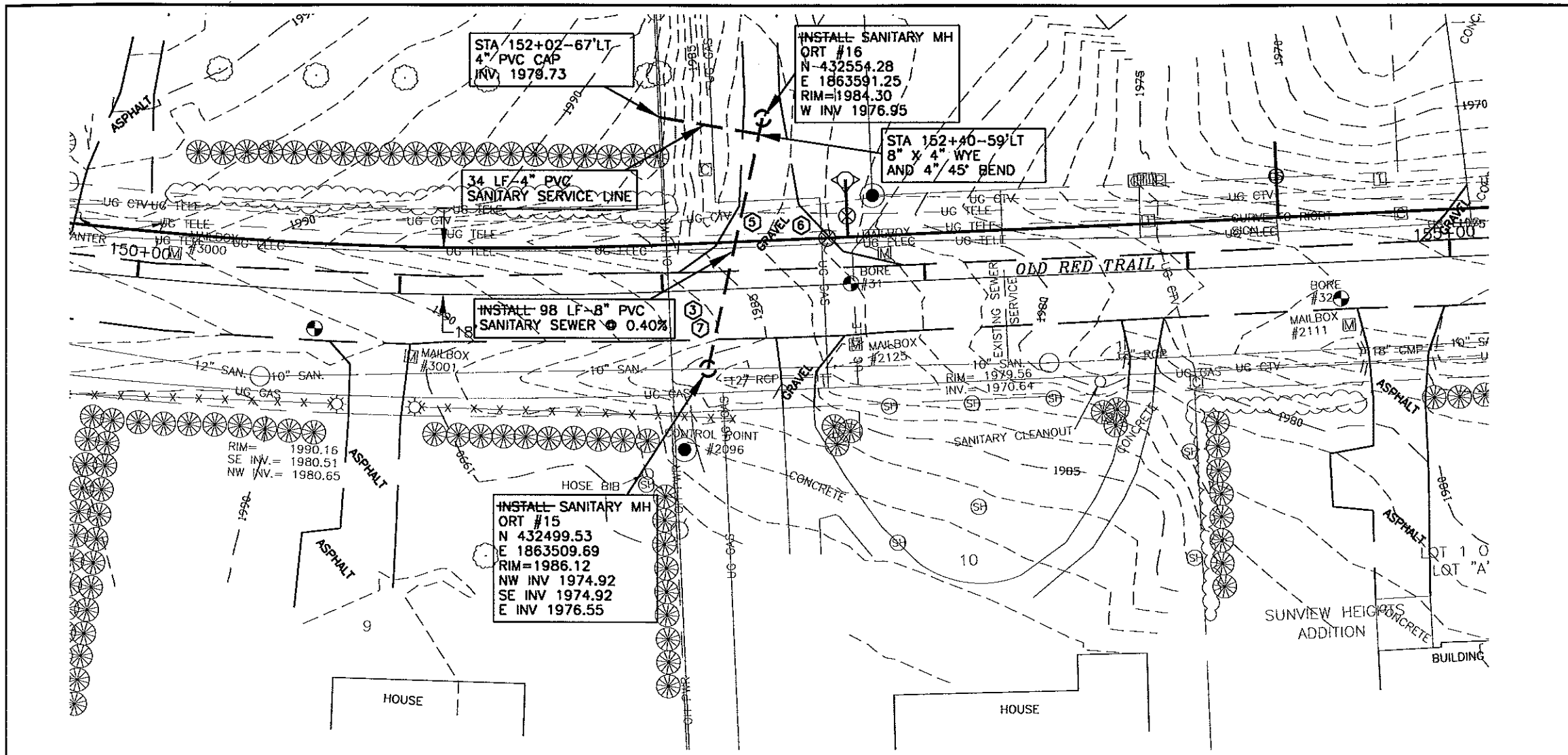
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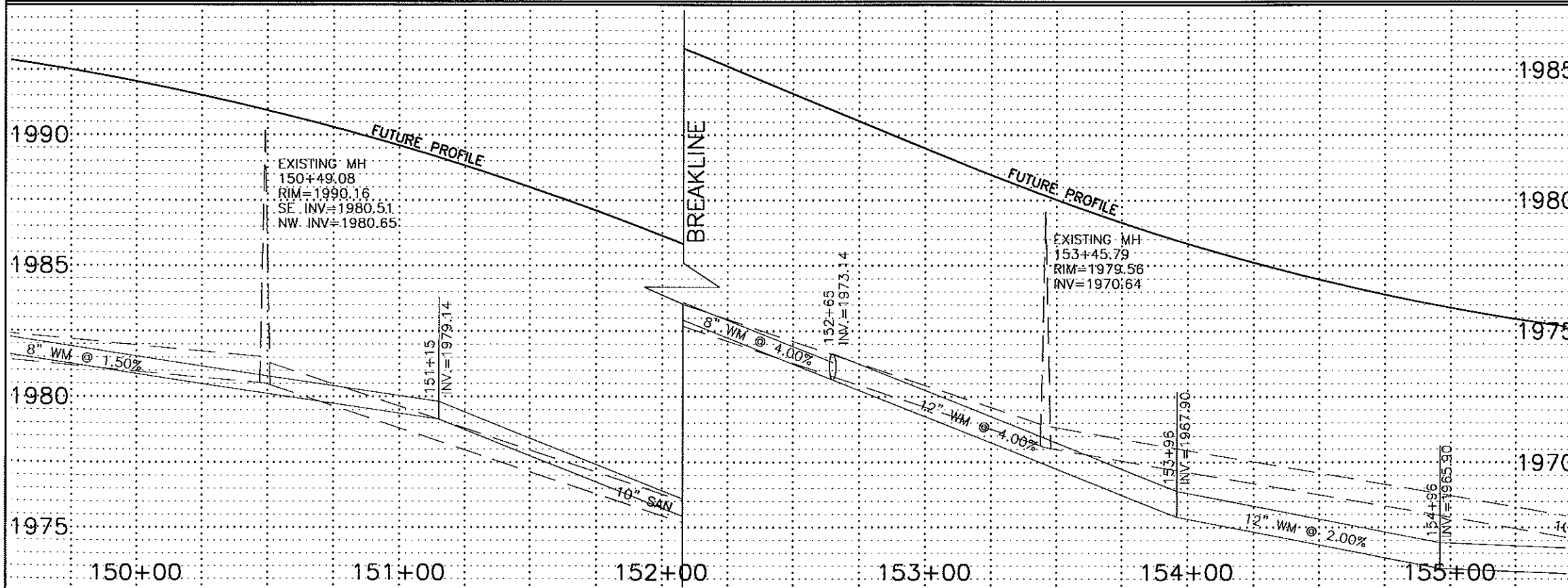
- LEGEND**
- — — — — SANITARY SEWER
 - — — — — STORM SEWER
 - — — — — WATER

OLD RED TRAIL
STA 130+00 TO 135+00
SANITARY
SHEET 16

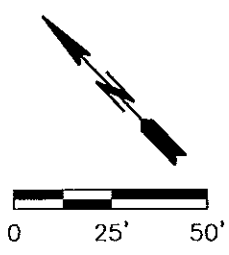




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- CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - SEED DISTURBED AREAS.
 - STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - REMOVE AND REPLACE ASPHALT PAVEMENT. 10' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.



RECORD DRAWINGS
JANUARY 2000



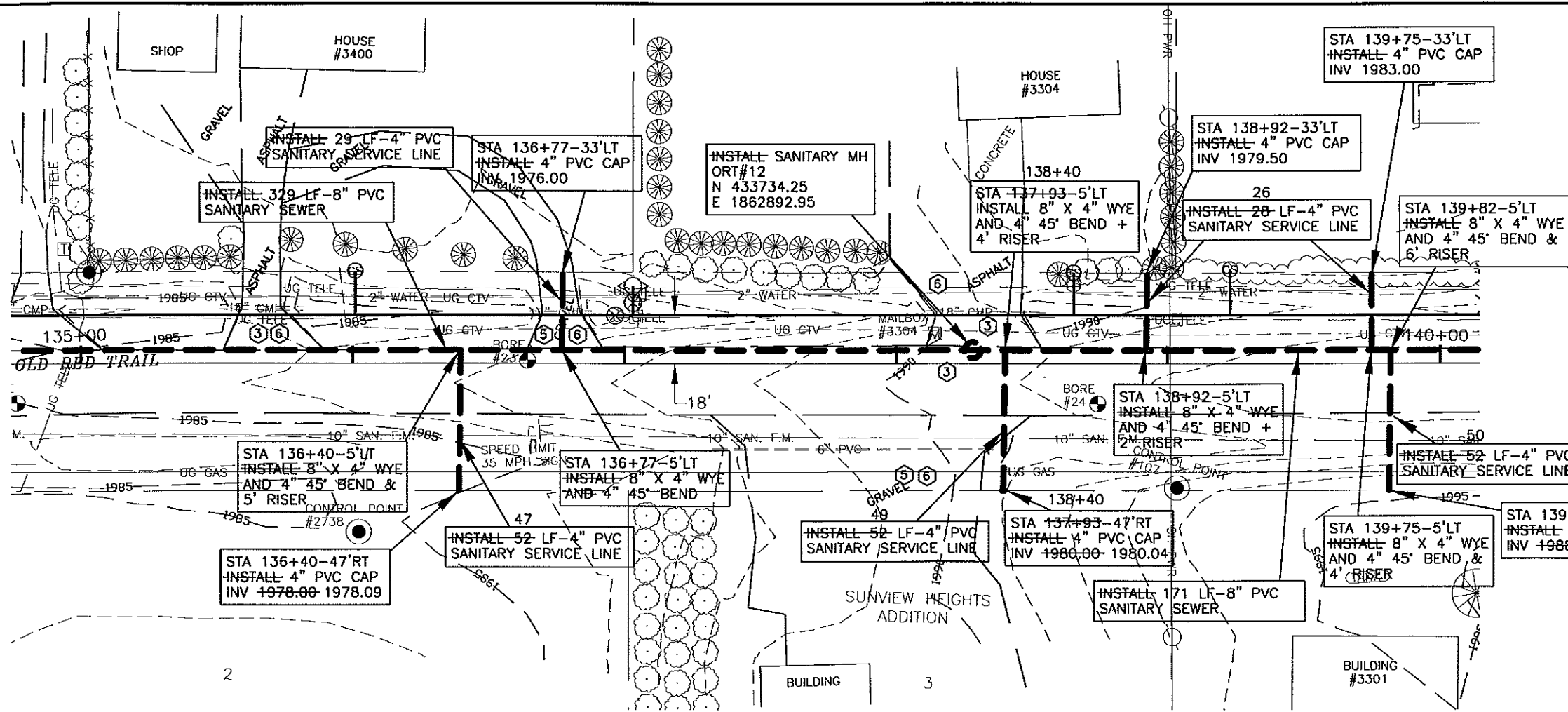
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

OLD RED TRAIL
STA 150+00 TO 155+00

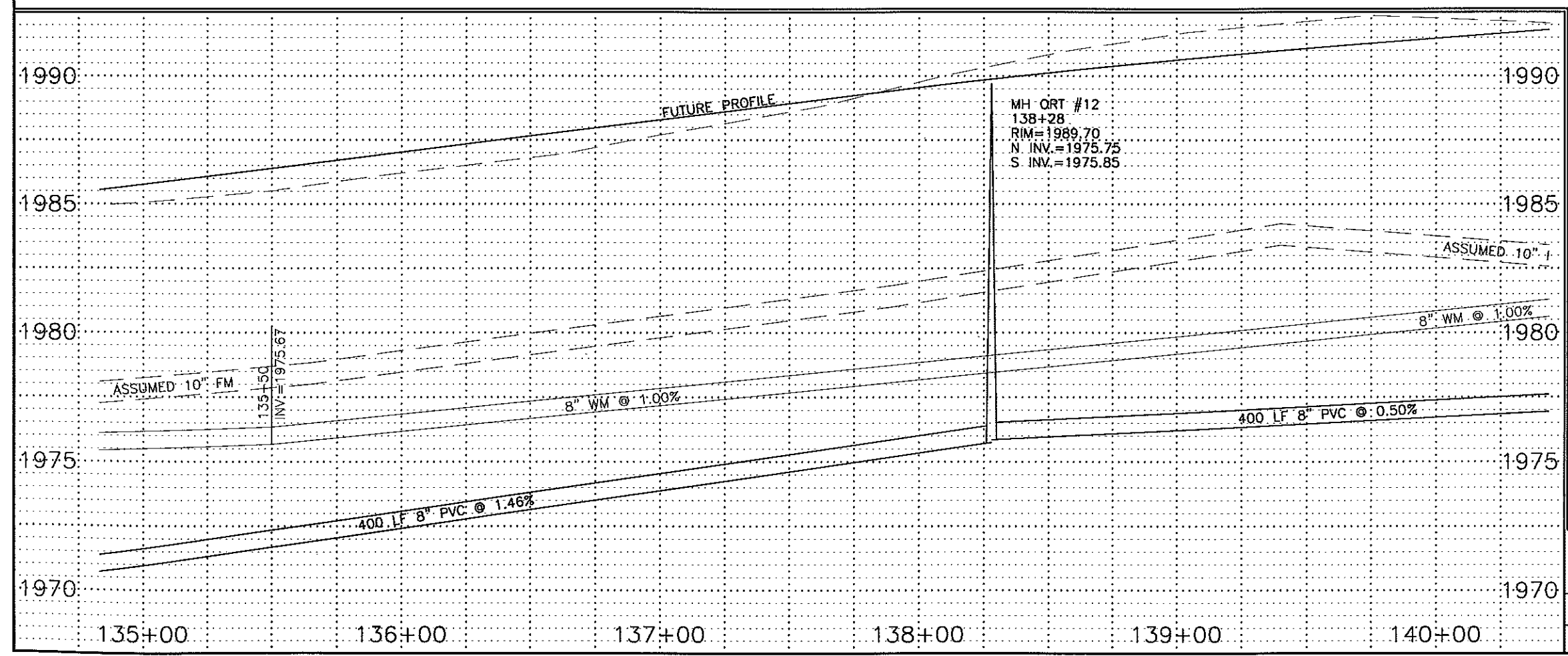
SANITARY

SHEET 20

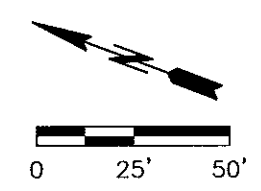
G:\CIVIL\1000\98-8927\AS-BUJLT\Ort-s-pp.dwg Fri Jan 21 08:43:14 2000



- CONSTRUCTION NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - SEED DISTURBED AREAS.
 - STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.
 - ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.



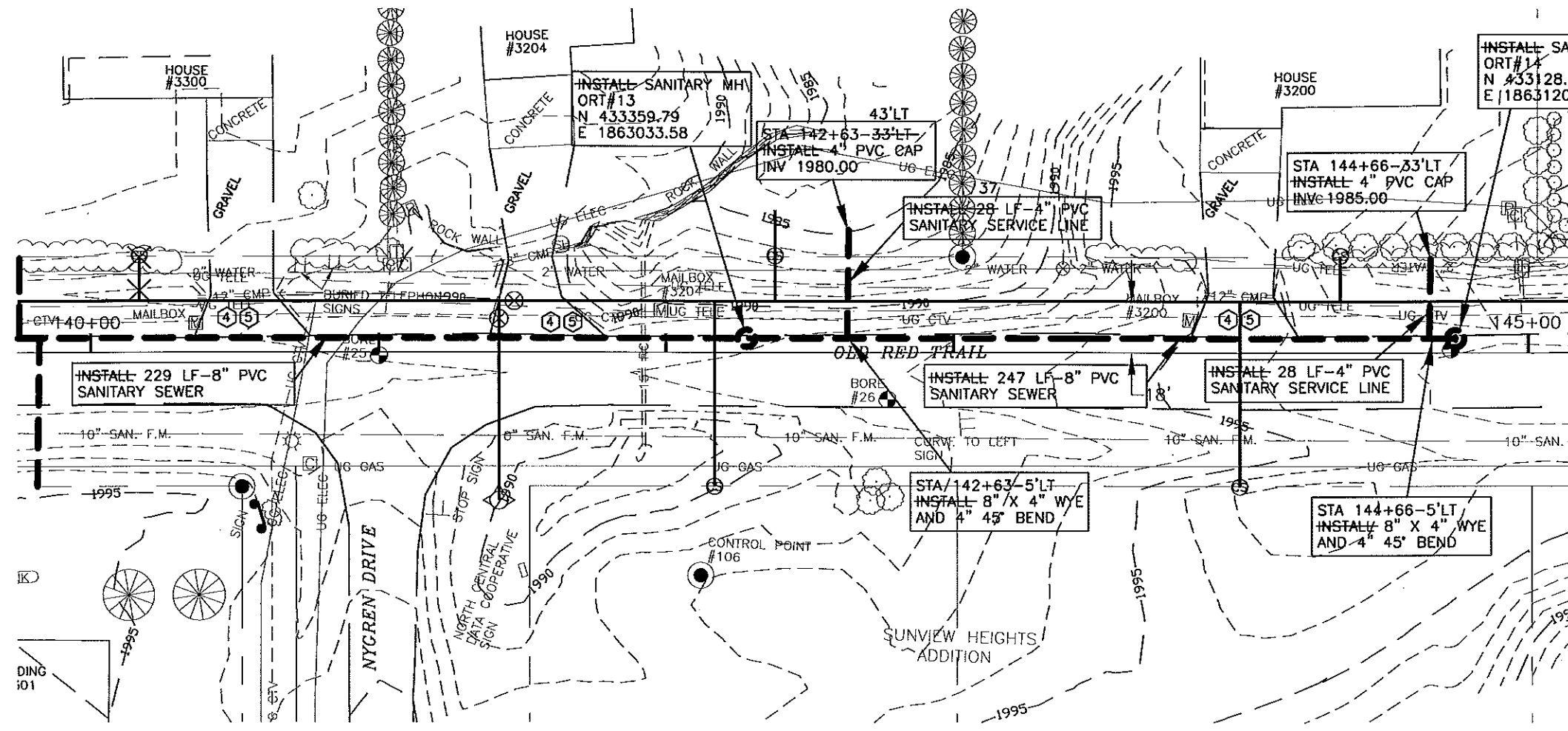
RECORD DRAWINGS
JANUARY 2000



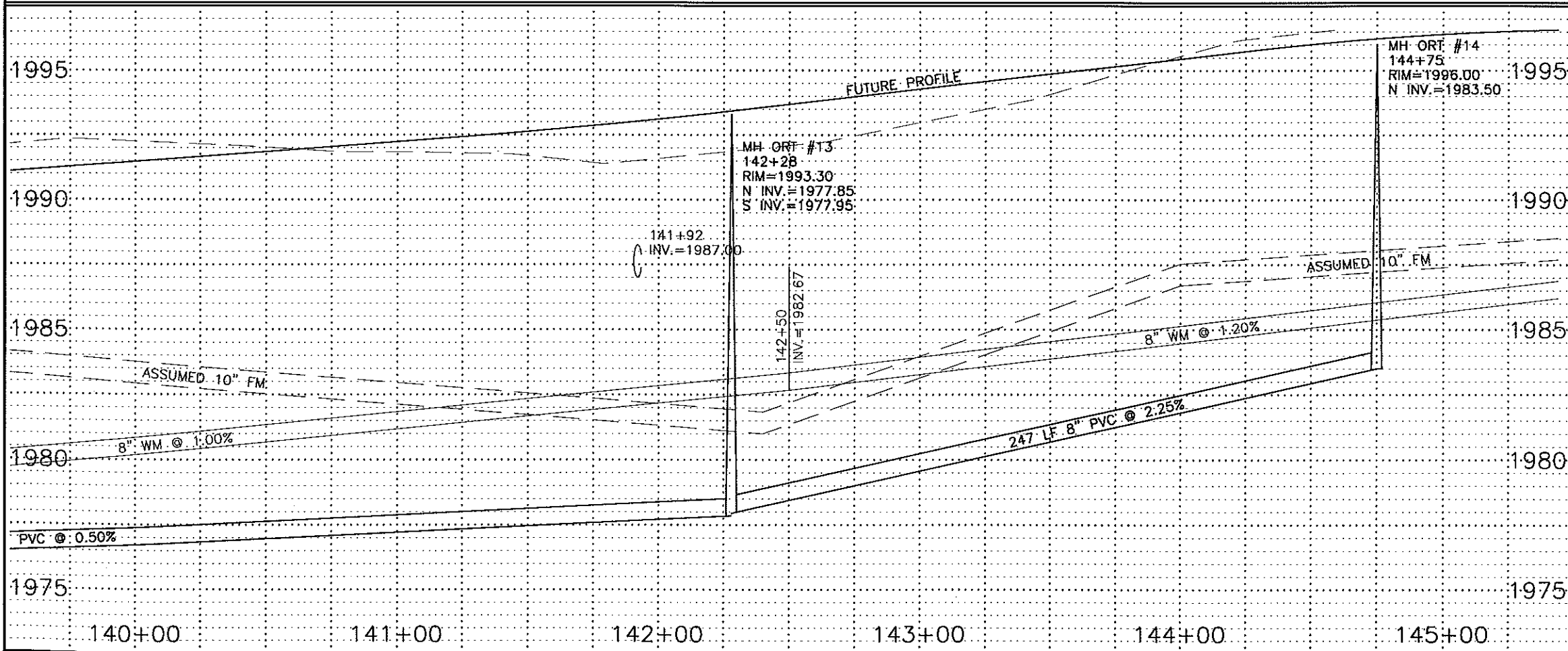
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

OLD RED TRAIL
STA 135+00 TO 140+00
SANITARY
SHEET 17

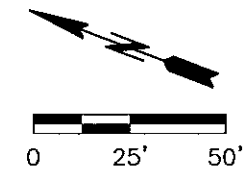




- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.
 - 7 ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.



RECORD DRAWINGS
JANUARY 2000

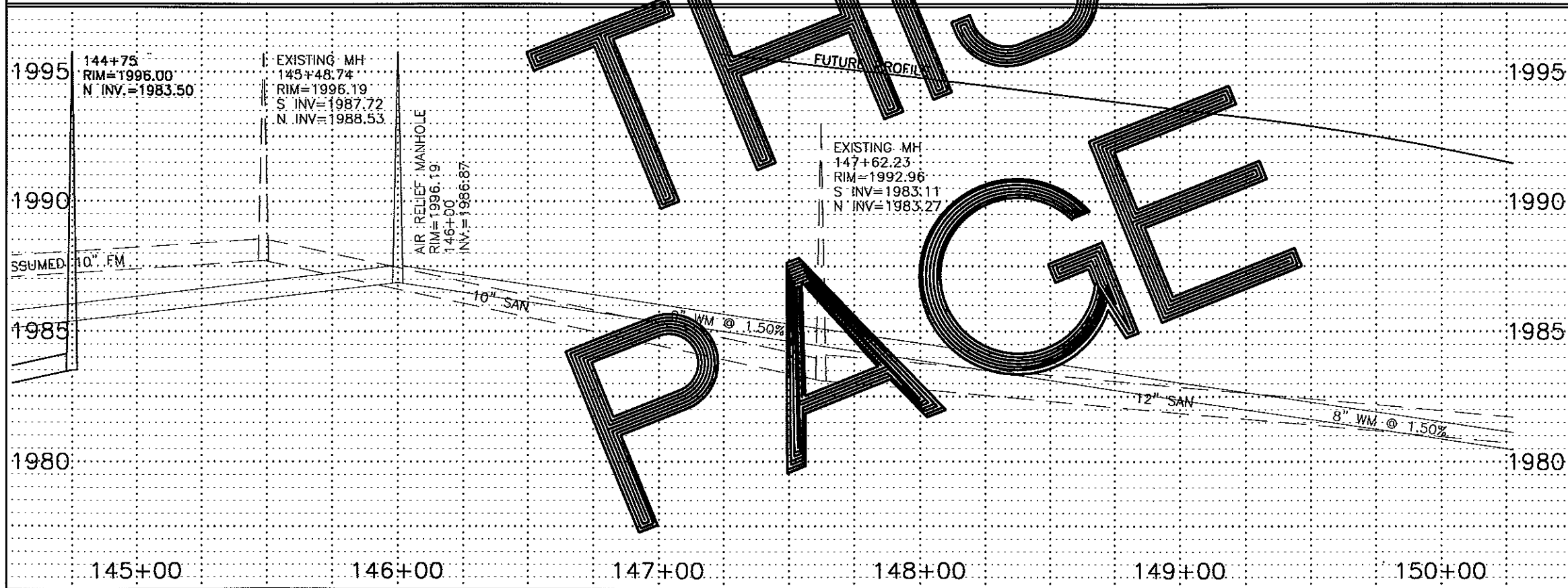
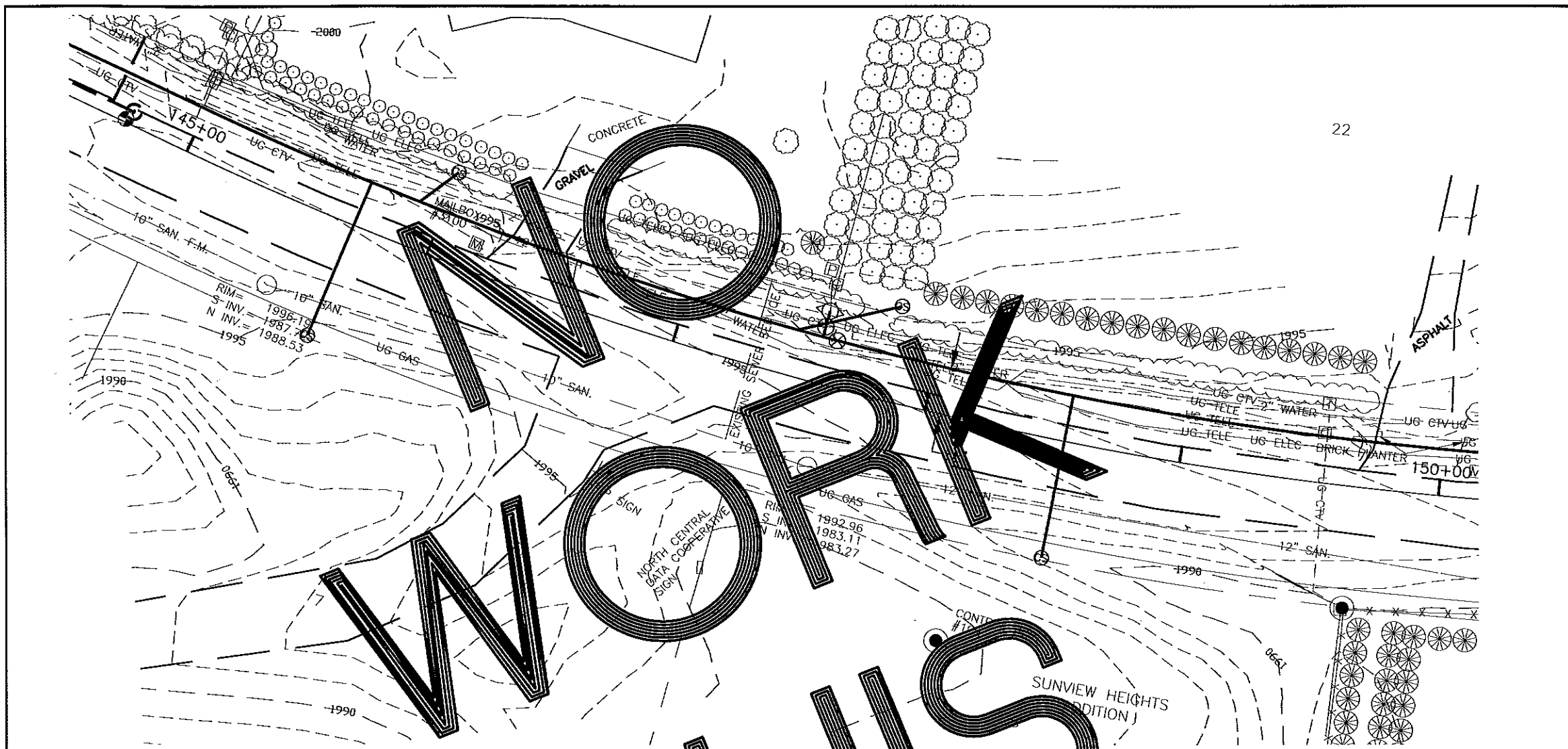


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

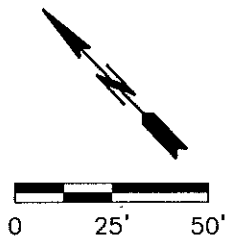
OLD RED TRAIL
STA 140+00 TO 145+00
SANITARY
SHEET 18



G:\CIVIL\1009\98-8927\AS-BUILT\Ort-s-pp.dwg Fri Jan 21 08:43:44 2000



RECORD DRAWINGS
JANUARY 2000



- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

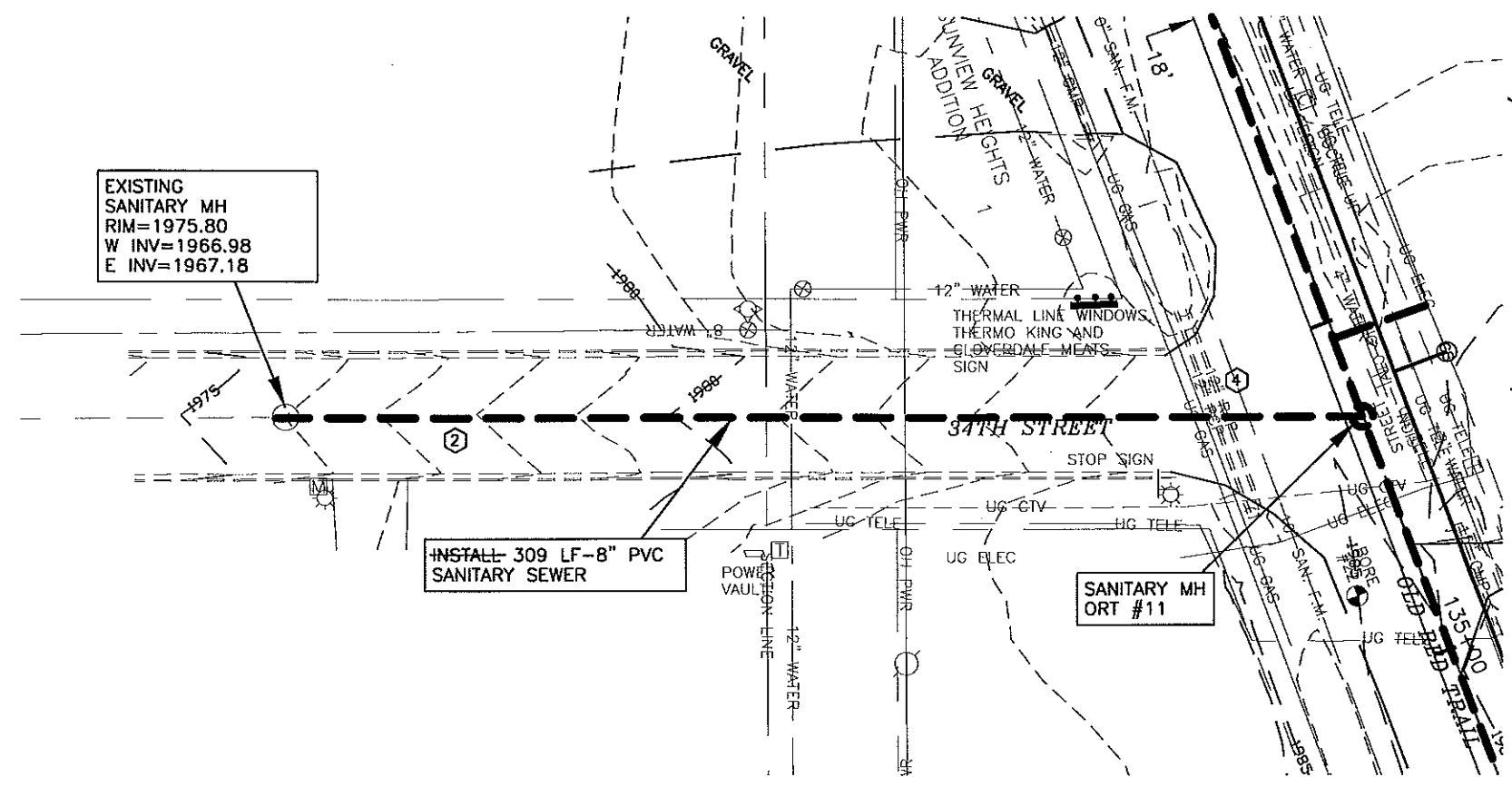
OLD RED TRAIL
STA 145+00 TO 150+00

SANITARY

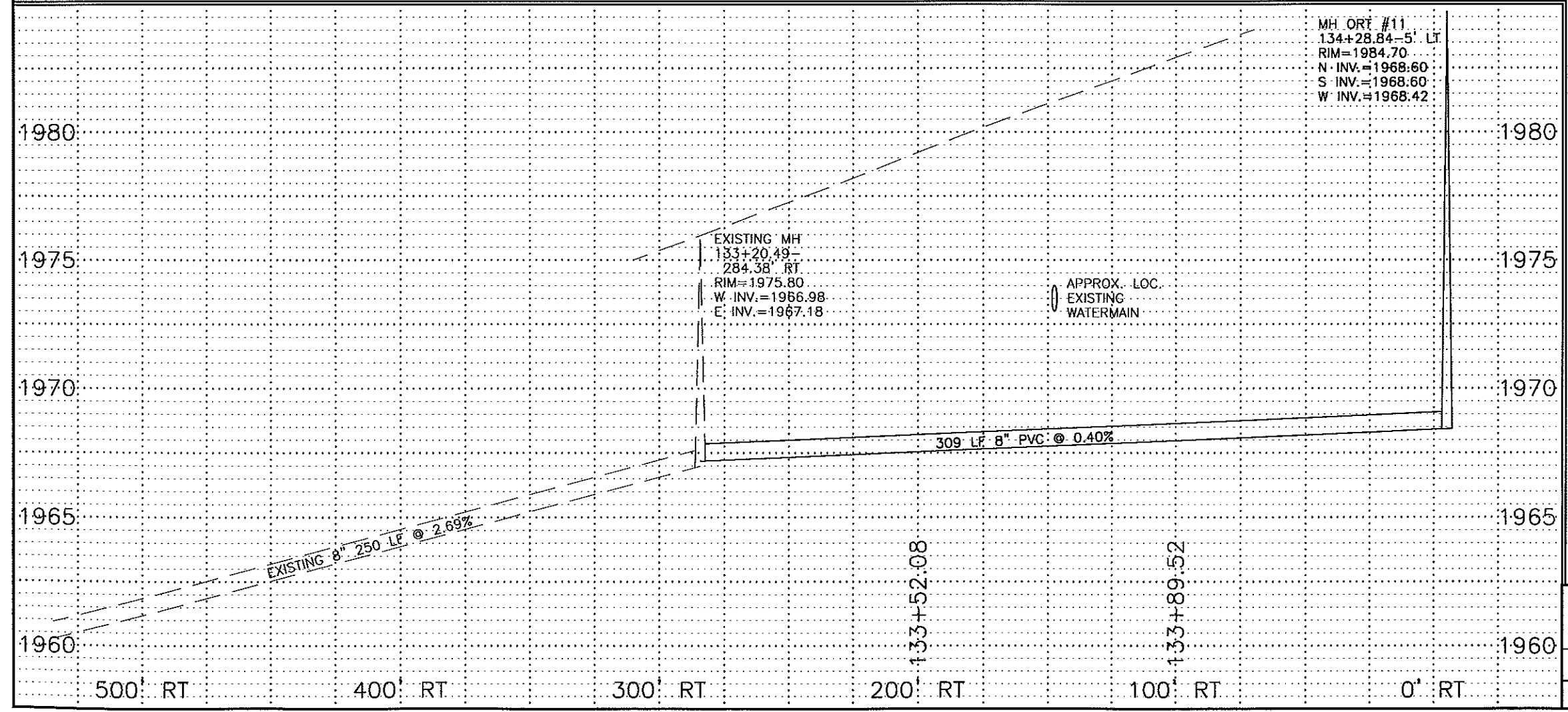
SHEET 19



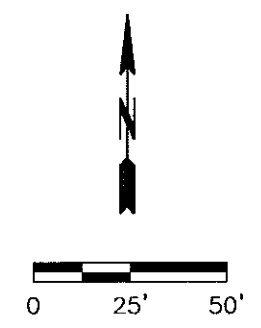
G:\CIVIL\1998-8927\AS-BUJLT\San-pp.dwg Fri Jan 21 08:49:54 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING. 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.
 - ③ ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.
 - ④ REMOVE AND REPLACE TWO 12" RCP AS REQUIRED. ALL COSTS INCIDENTAL TO 8" PVC SEWER MAIN.



RECORD DRAWINGS
 JANUARY 2000



- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

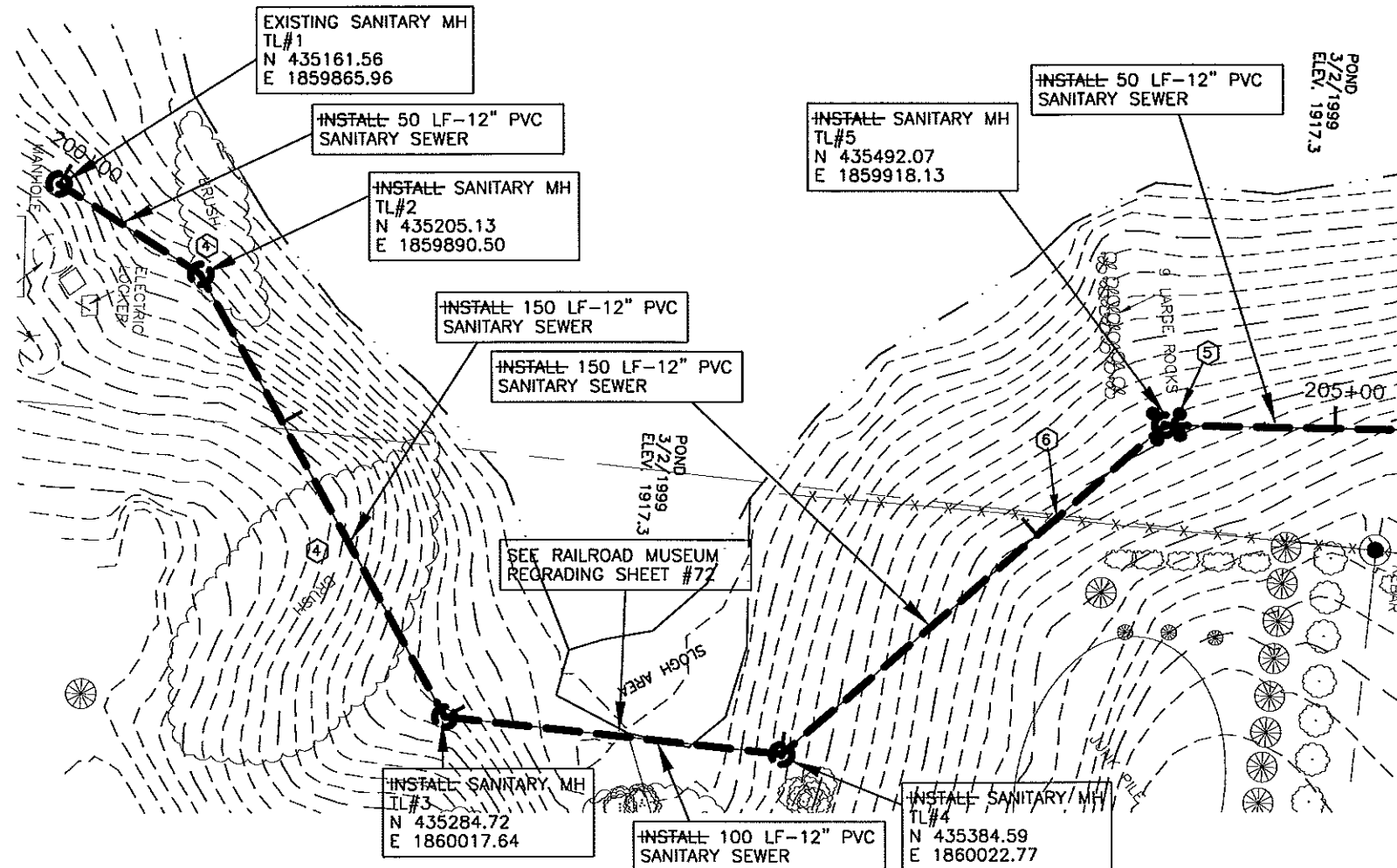
34TH STREET

SANITARY

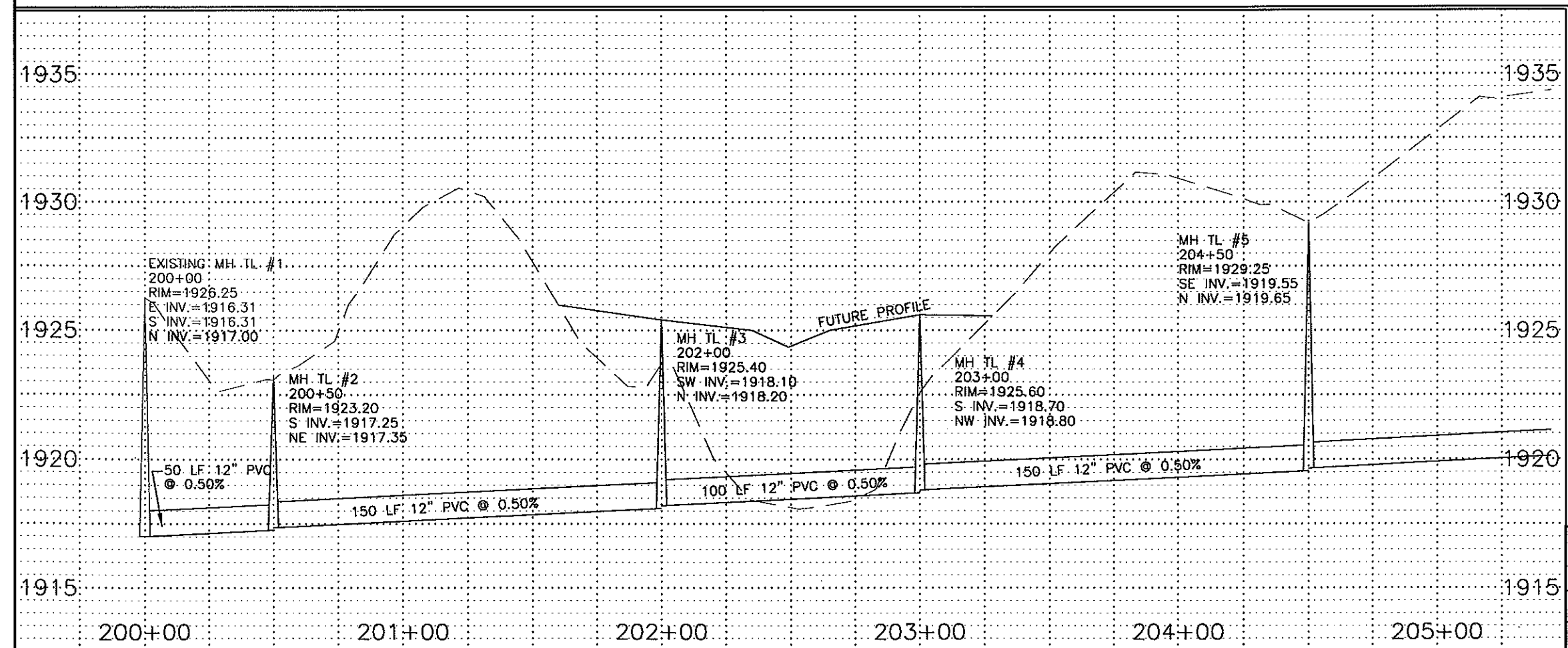
SHEET 22



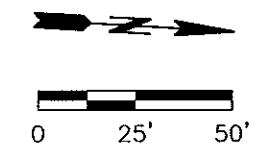
G:\CIVIL\198-8927\AS-BUILT\SAN-PP.dwg Fri Jan 21 08:52:44 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 CLEAR AND GRUB TREES AND SHRUBS.
 - 5 INSTALL 4" TYPE D DELINEATORS NEAR MANHOLE.
 - 6 REMOVE AND RESET CHAIN LINK FENCE TO FACILITATE SEWERMAIN CONSTRUCTION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000

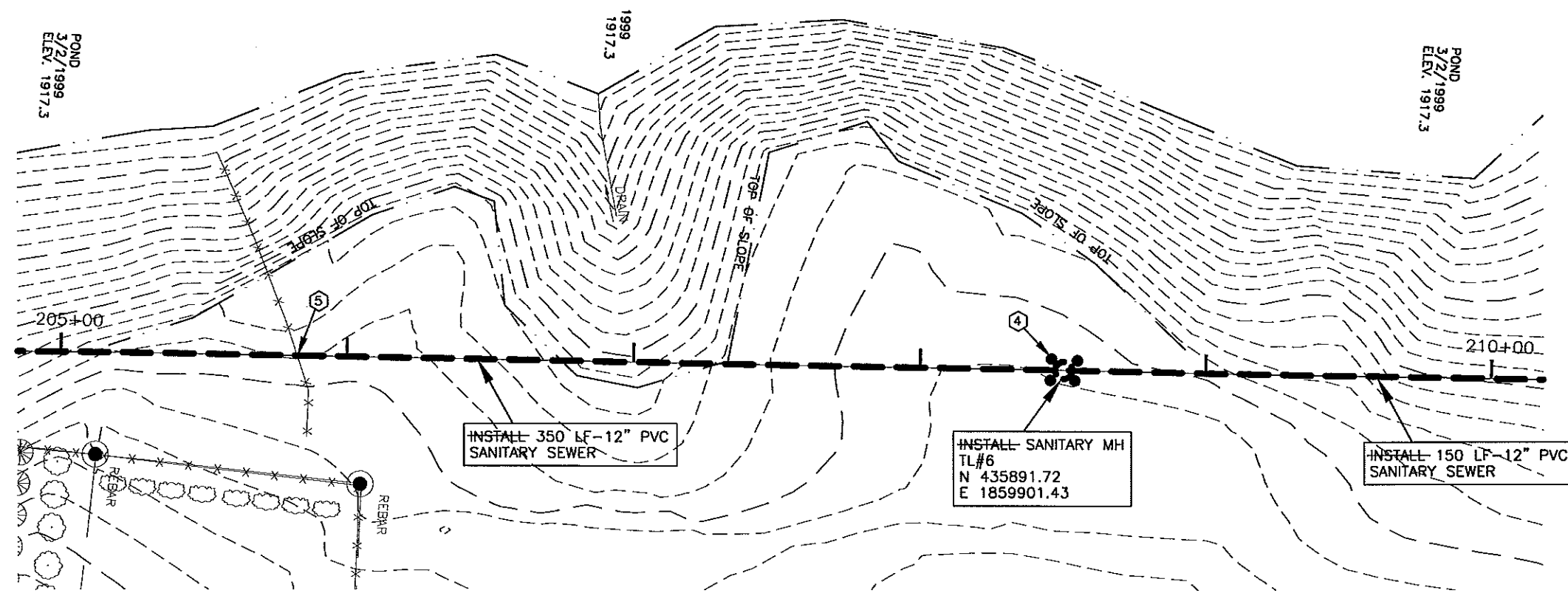


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

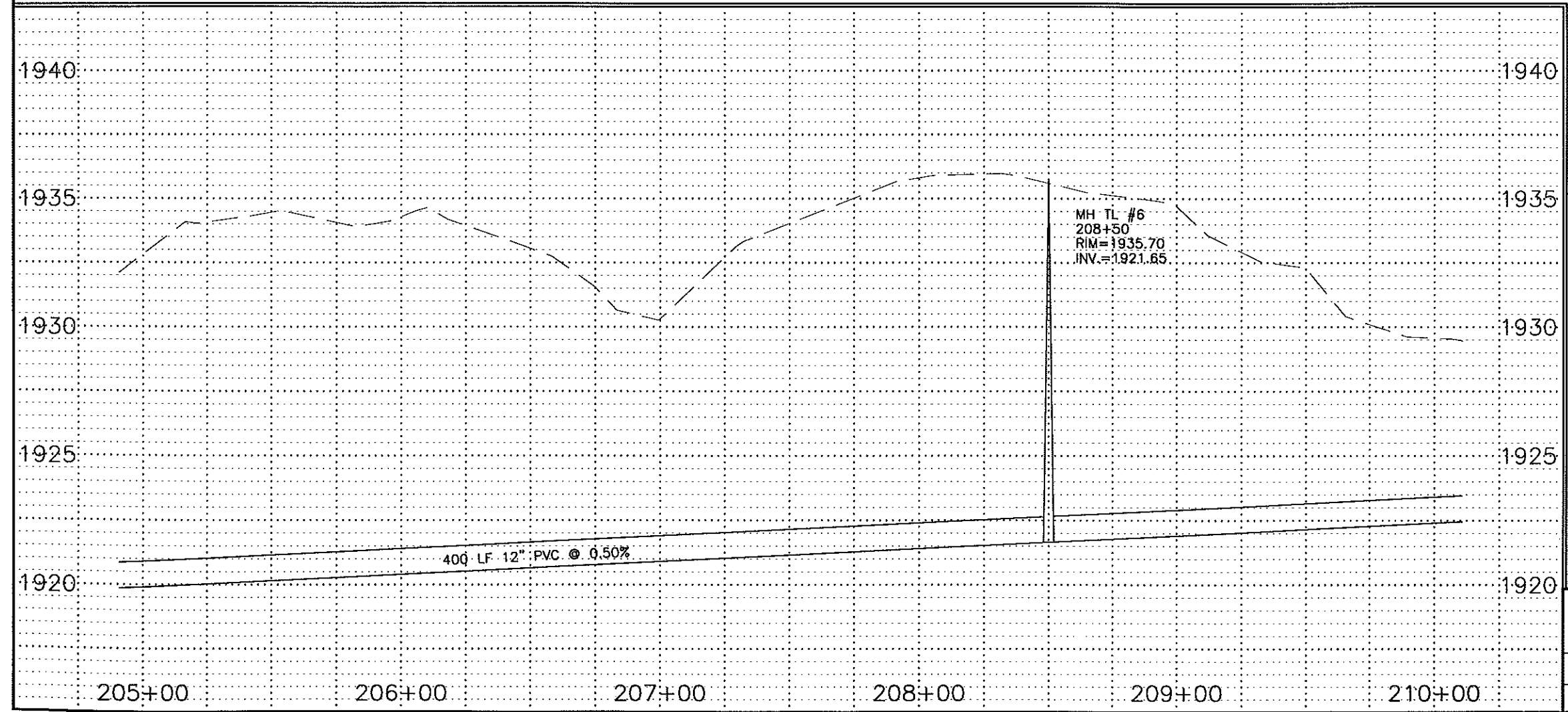
TRUNK LINE
STA 200+00 TO 205+00
SANITARY
SHEET 23



G:\CIVIL\1999\98-8927\AS-BUILT\San-pp.dwg Fri Jan 21 08:53:31 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESURFACE TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.
 - 5 REMOVE AND DISPOSE OF FENCE. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000

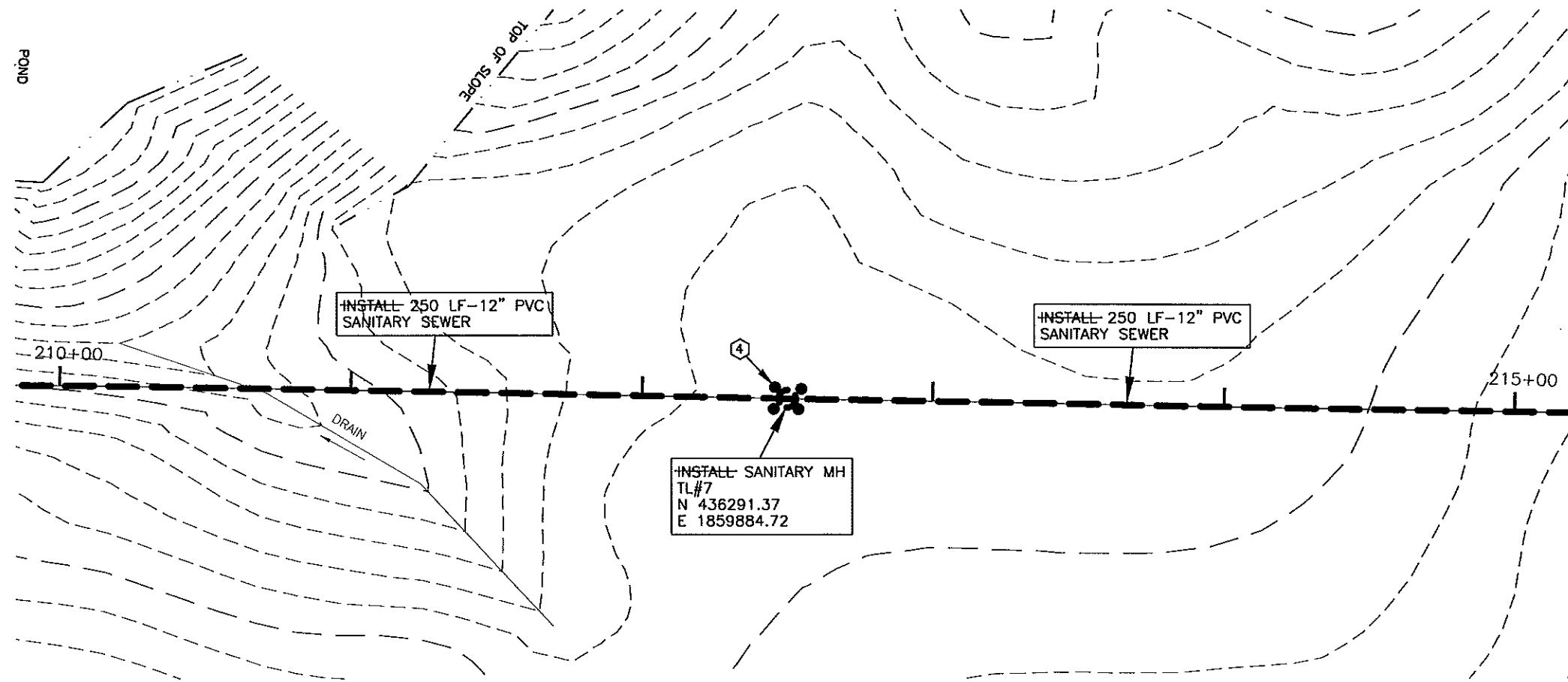


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

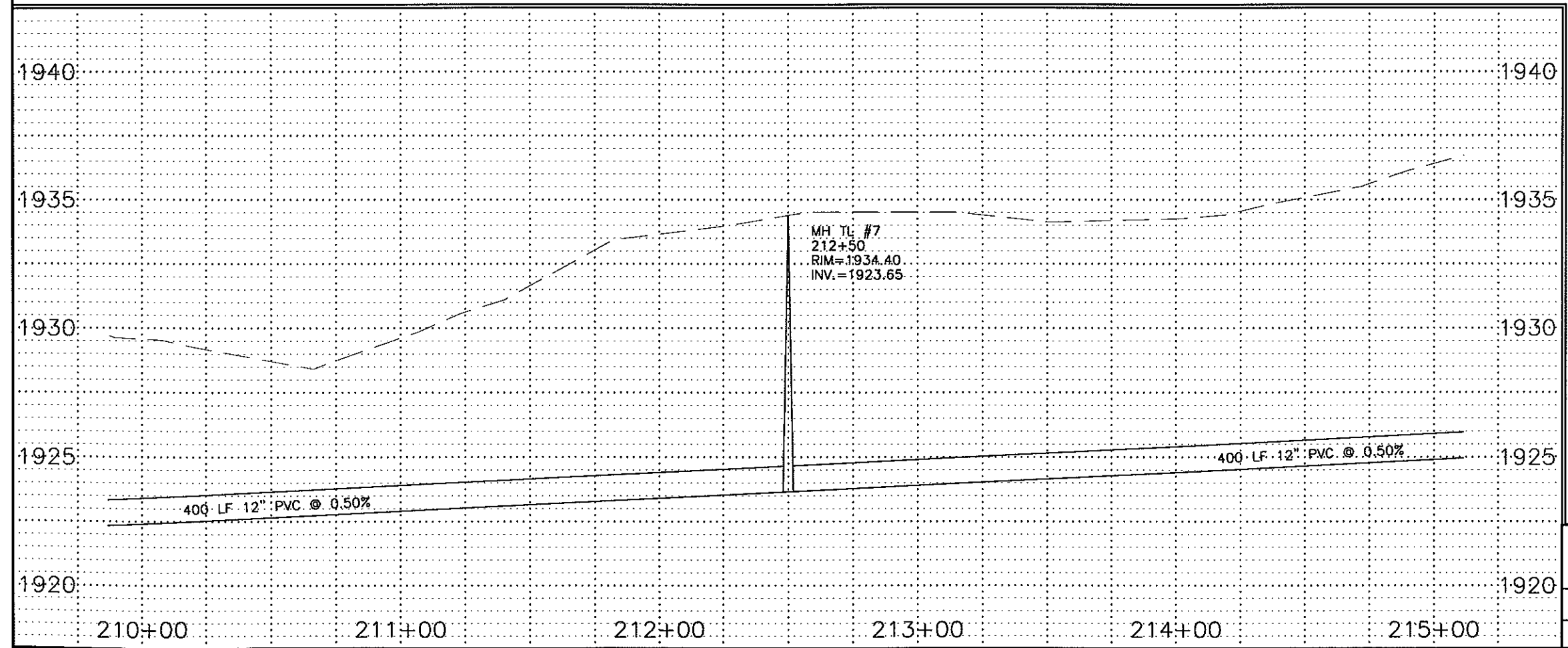
TRUNK LINE
STA 205+00 TO 210+00
SANITARY
SHEET 24



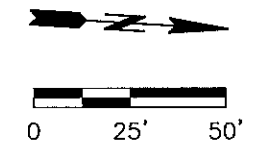
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- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.



RECORD DRAWINGS
JANUARY 2000

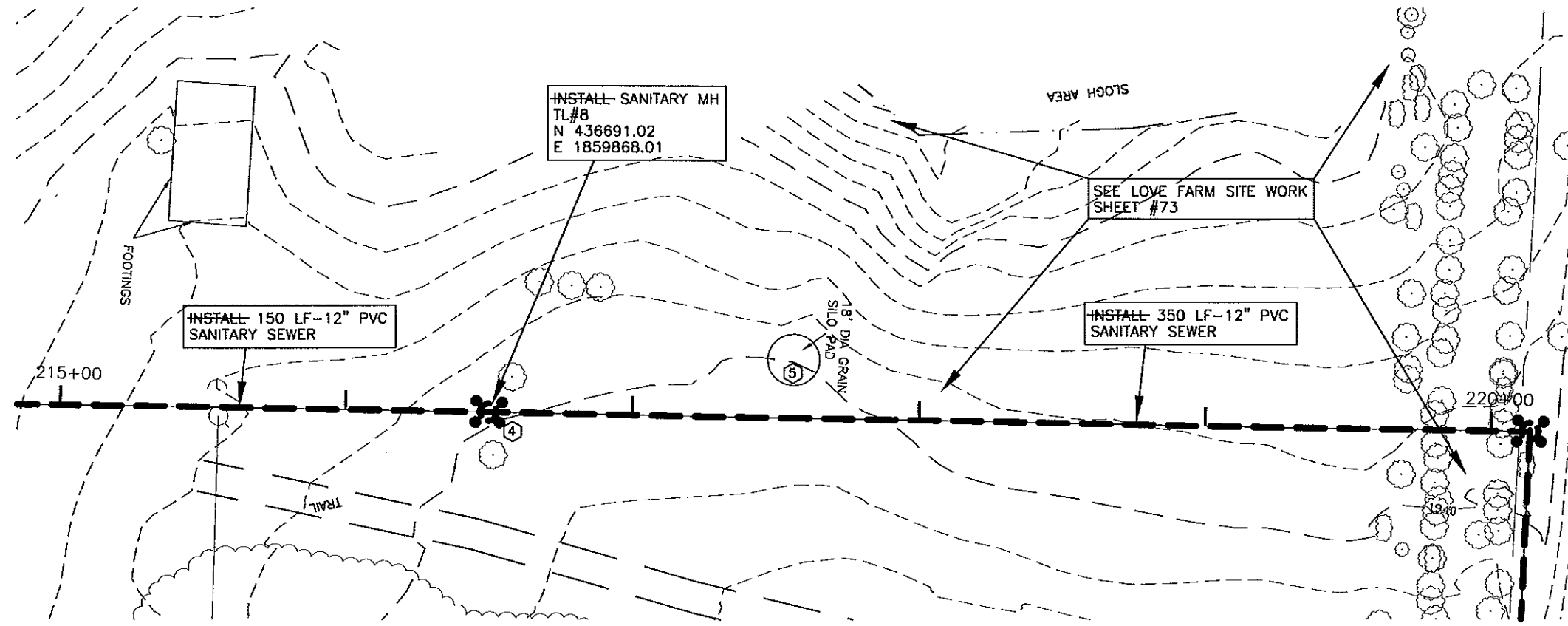


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

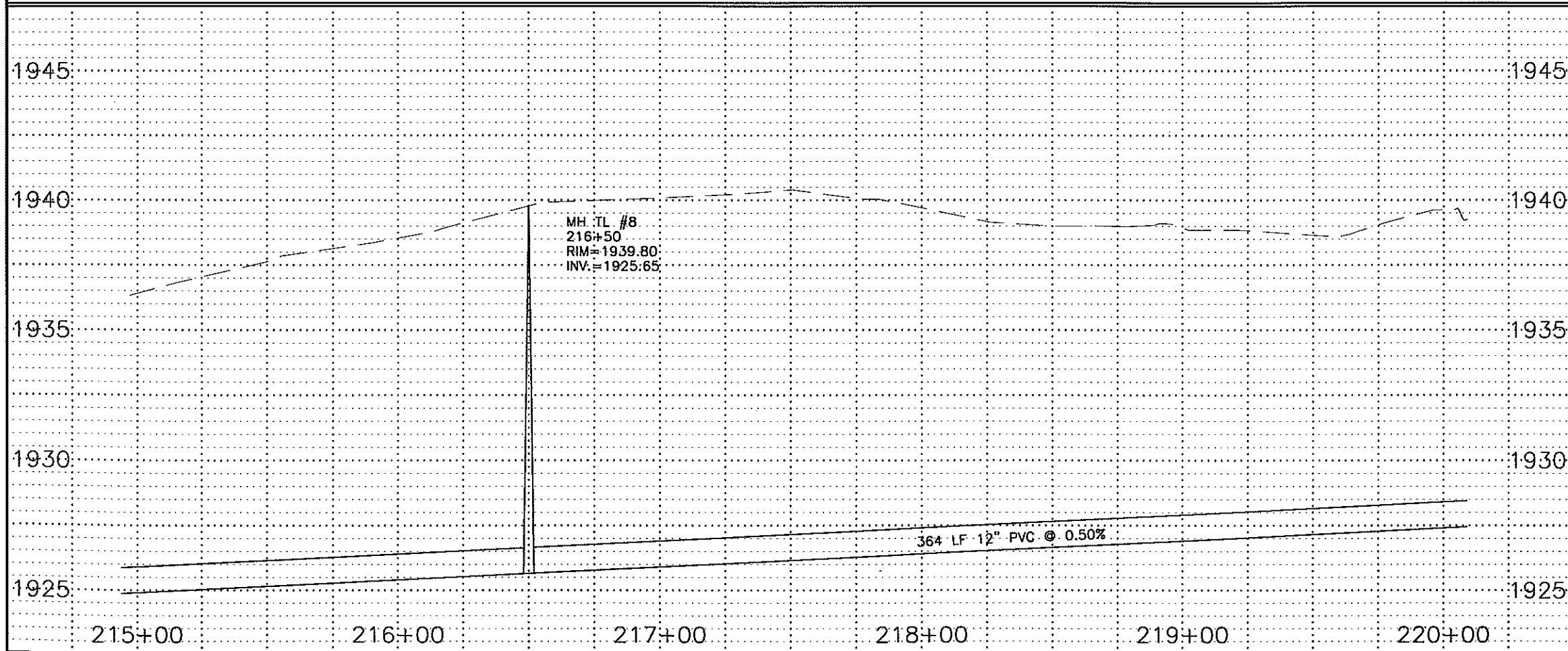
TRUNK LINE
STA 210+00 TO 215+00
SANITARY
SHEET 25



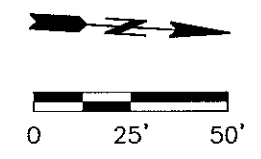
G:\CIVIL\1999\98-8927\AS-BUILT\San-pp.dwg Fri Jan 21 08:56:21 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.
 - ⑤ PROTECT GRAIN SILO PAD DURING SEWERMAIN INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000

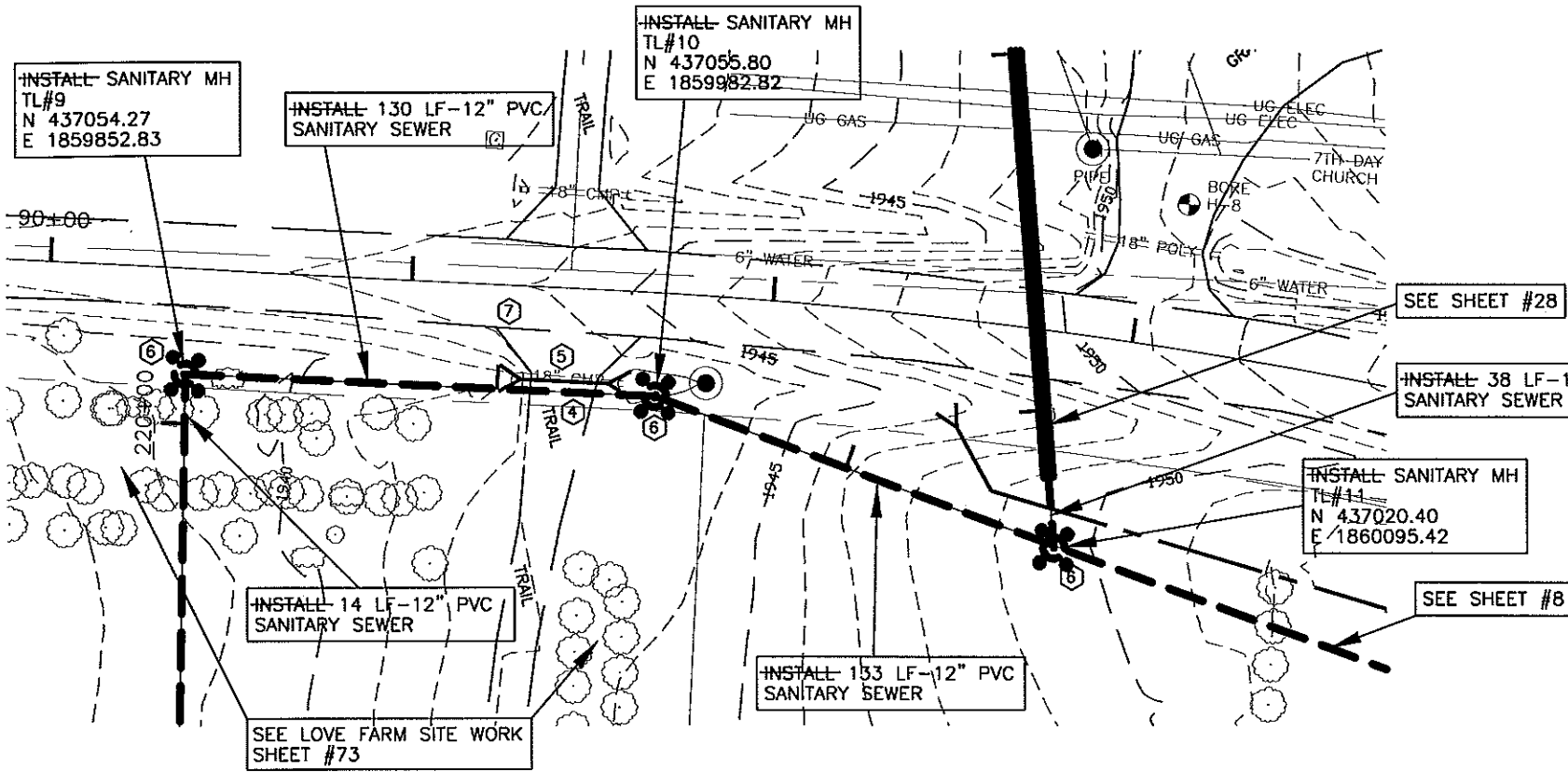


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

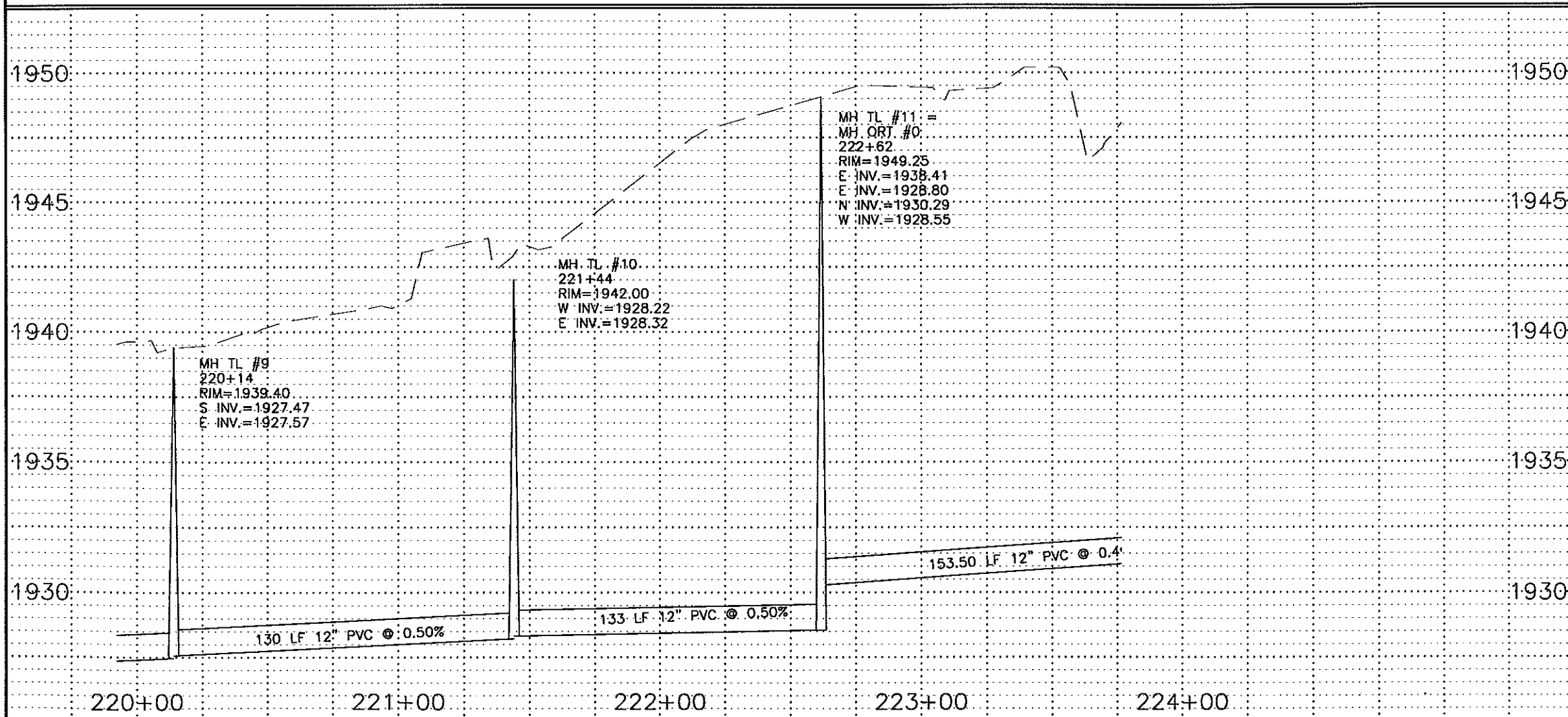
TRUNK LINE
STA 215+00 TO 220+00
SANITARY
SHEET 26



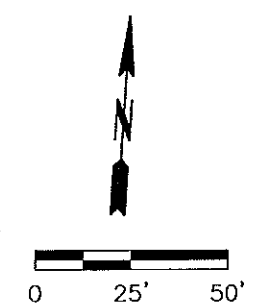
G:\CIVIL\1998-8927\AS-BUILT\San-pp.dwg Fri Jan 21 08:56:57 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑤ REMOVE AND REPLACE TRAIL AS REQUIRED.
 - ⑥ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.
 - ⑦ CONTRACTOR SHALL EMPLOY WHATEVER METHODS NECESSARY TO PROTECT EXISTING ROADWAY DURING UTILITY INSTALLATION.



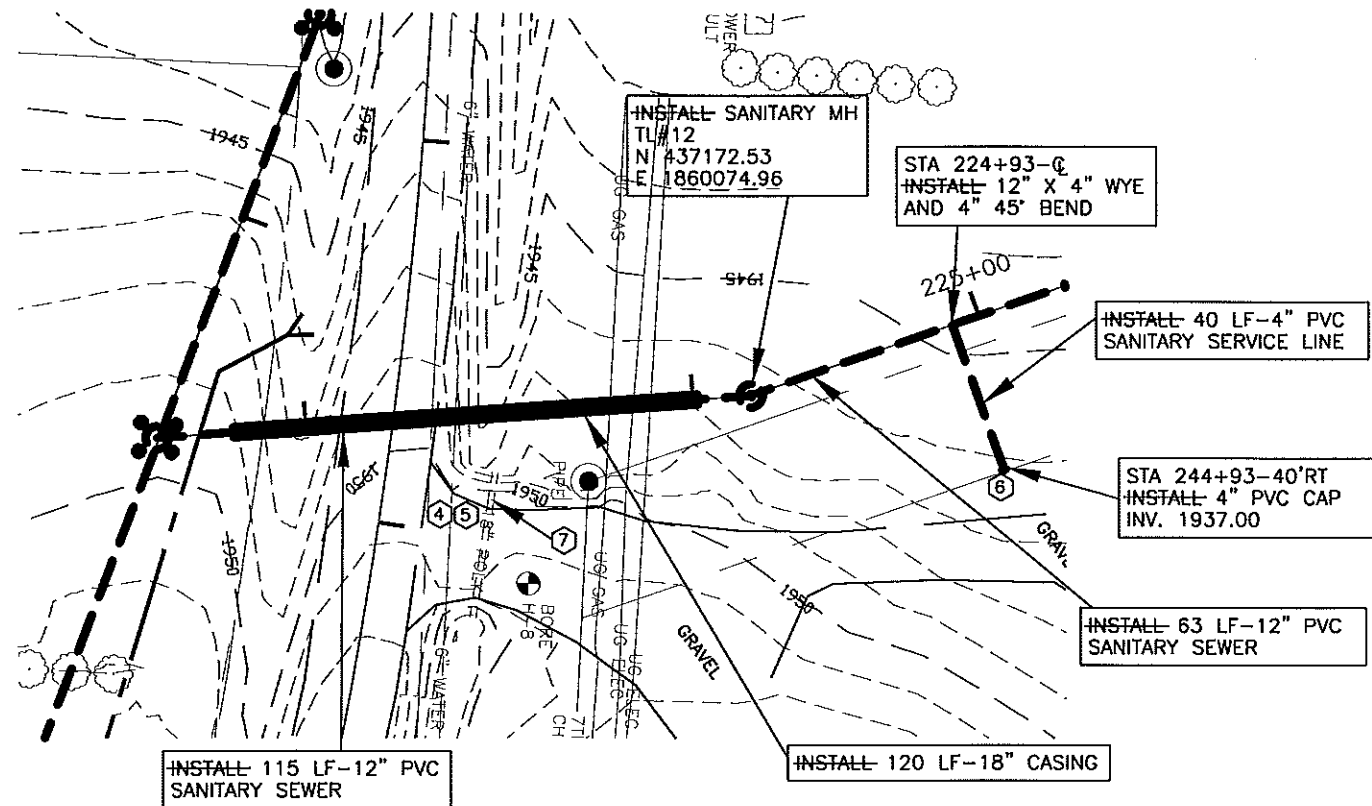
RECORD DRAWINGS
JANUARY 2000



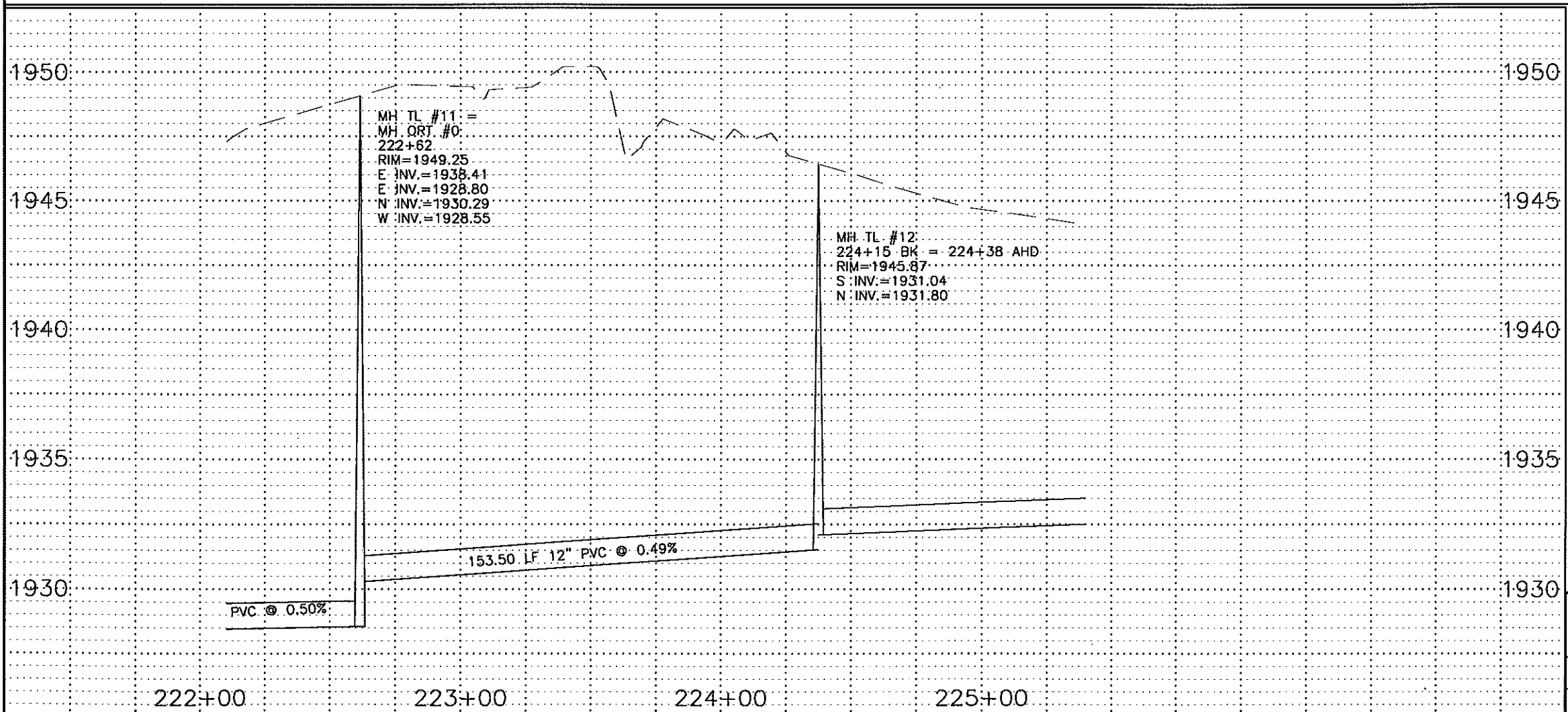
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

TRUNK LINE
STA 220+00 TO 223+00
SANITARY
SHEET 27

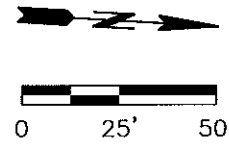




- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.
 - 7 PROTECT 18" POLY CULVERT DURING SEWERMAIN INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000



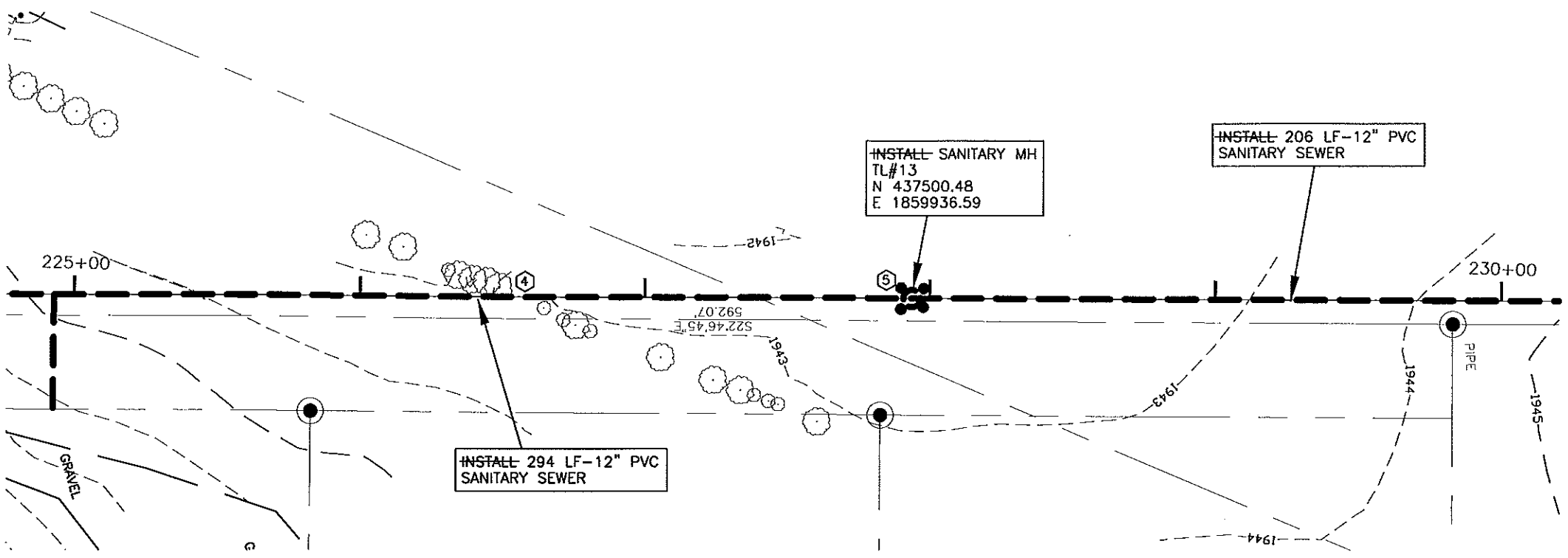
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

TRUNK LINE
STA 223+00 TO 225+00
SANITARY
SHEET 28

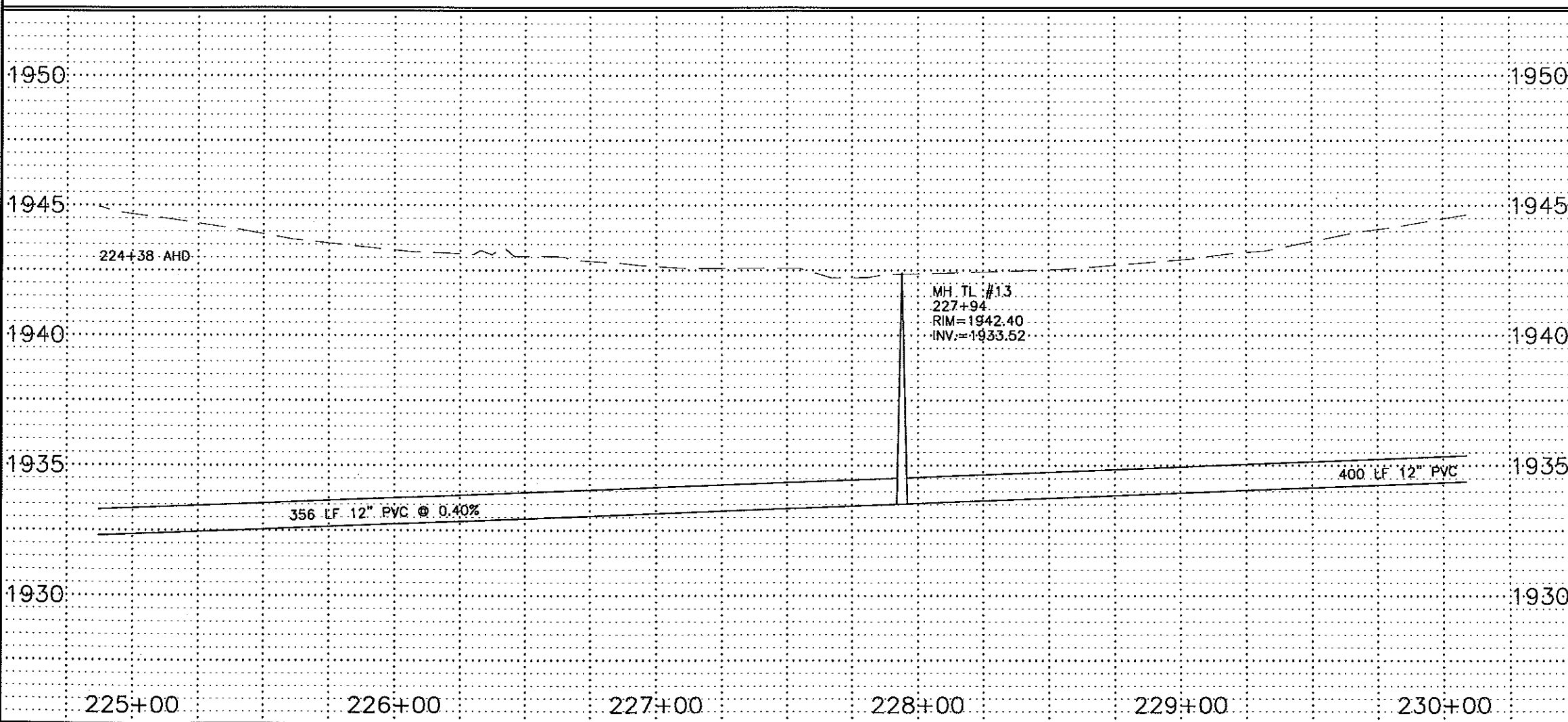


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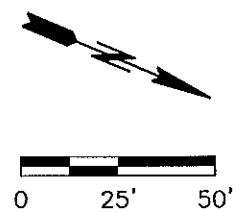
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- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ CLEAR AND GRUB TREES AND SHRUBS.
 - ⑤ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.



RECORD DRAWINGS
JANUARY 2000



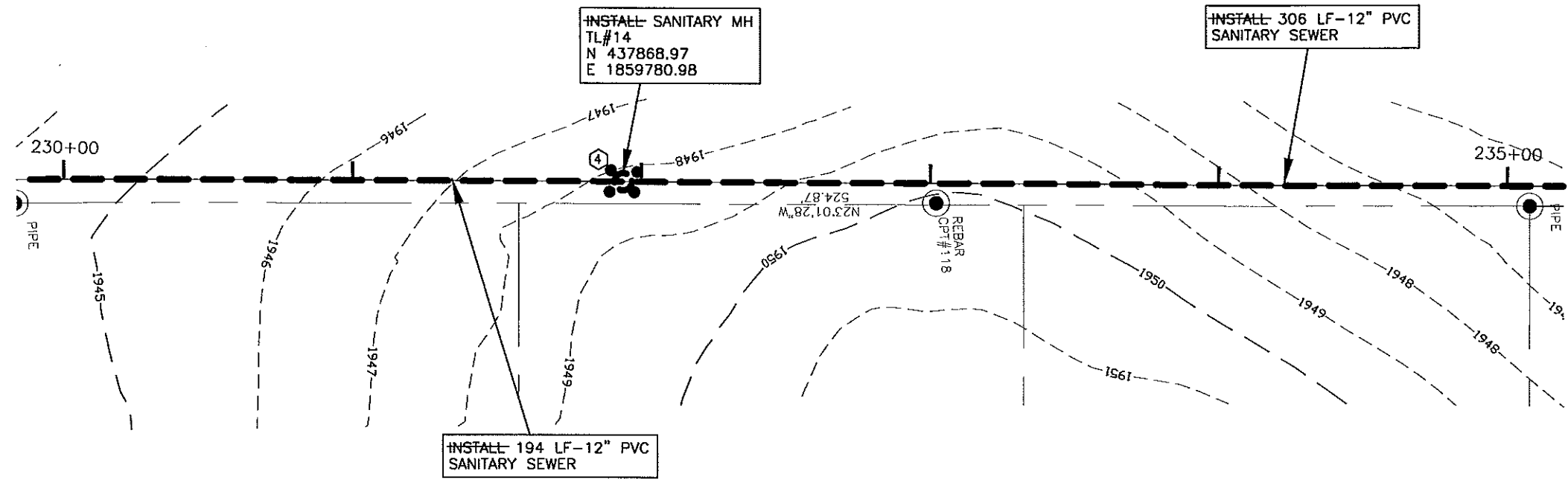
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

TRUNK LINE
STA 225+00 TO 230+00

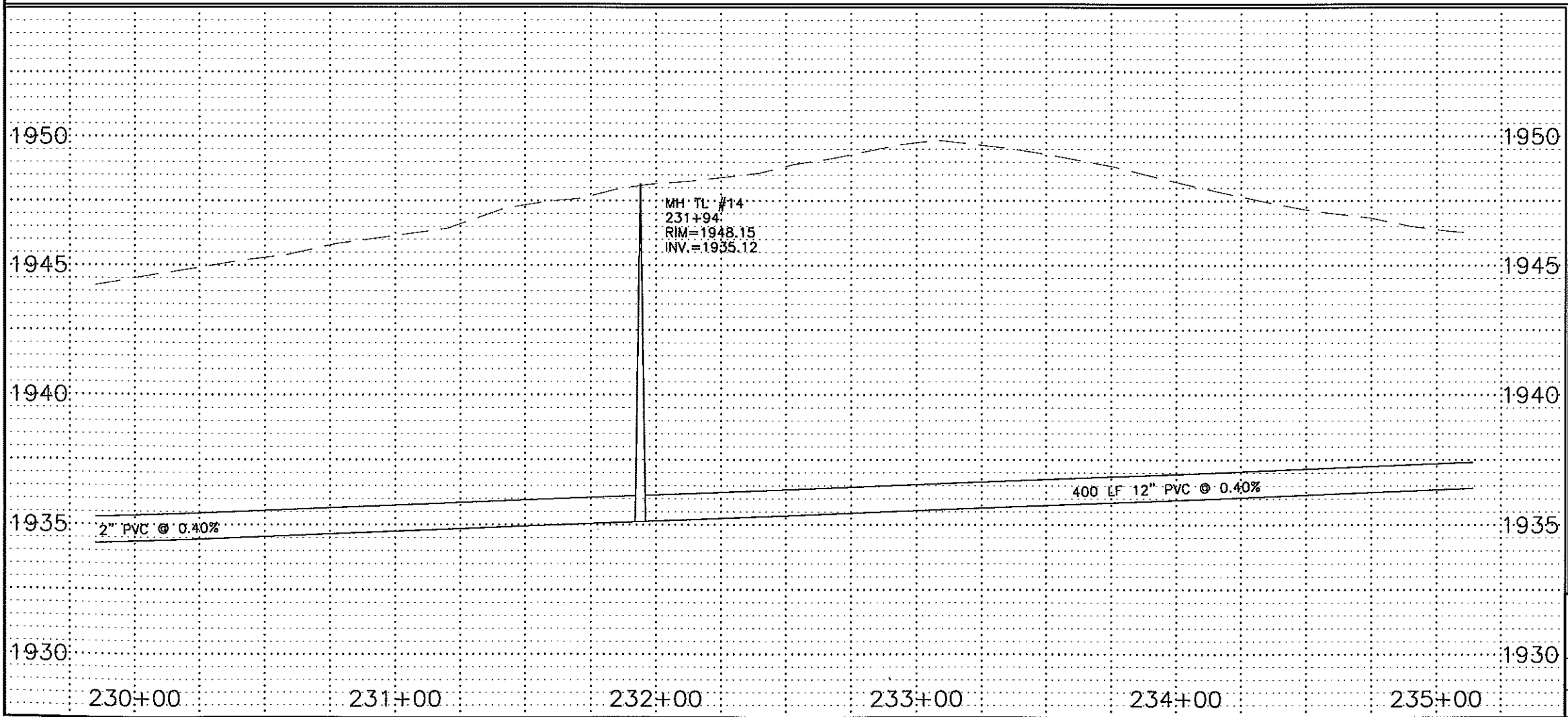
SANITARY

SHEET 29

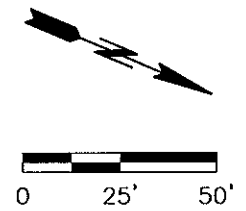




- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLE.



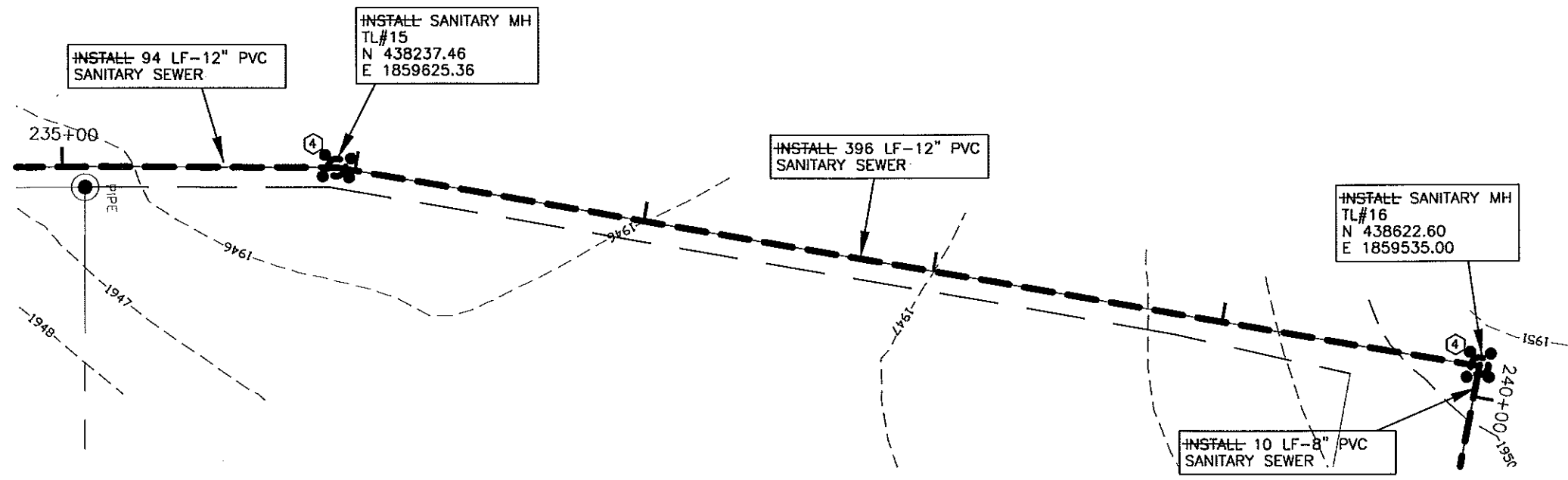
RECORD DRAWINGS
JANUARY 2000



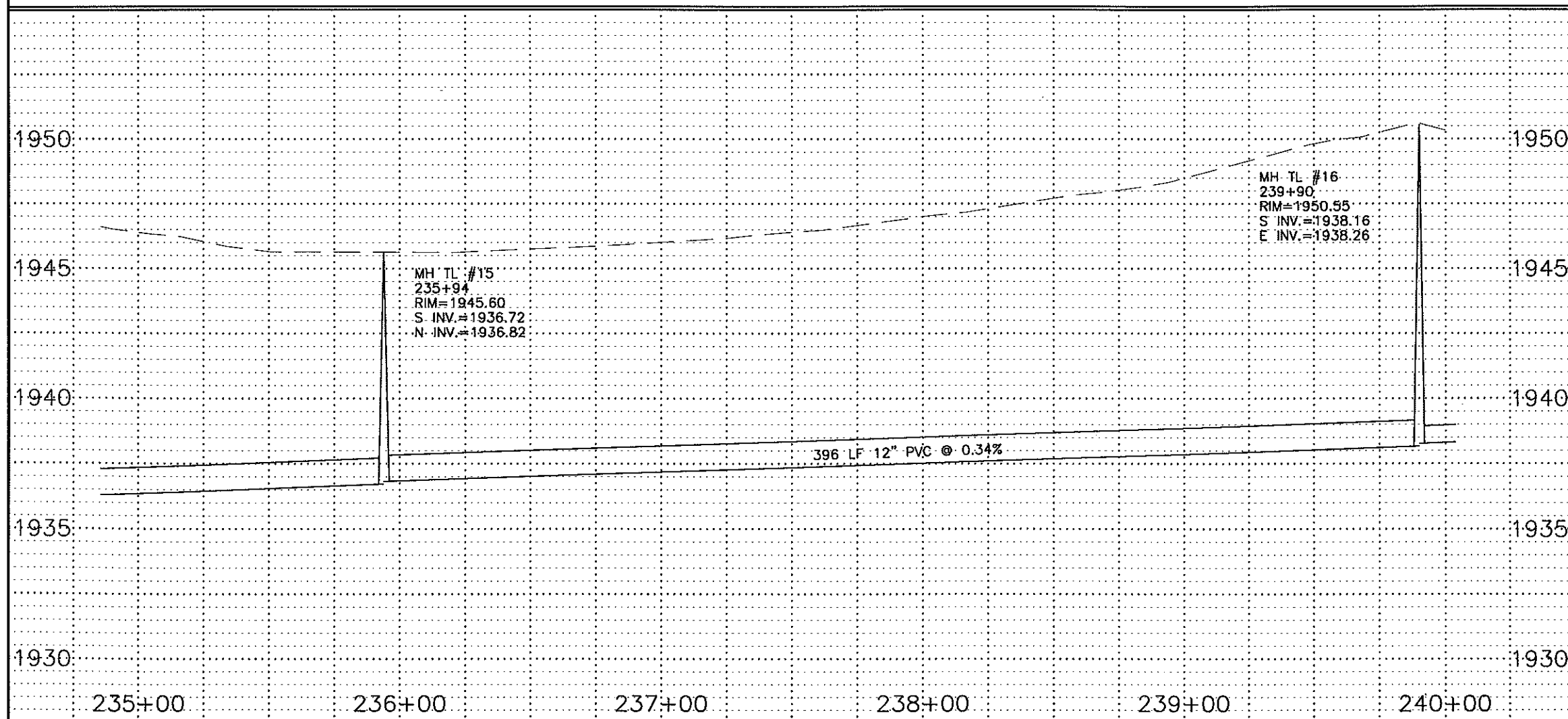
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

TRUNK LINE
STA 230+00 TO 235+00
SANITARY
SHEET 30

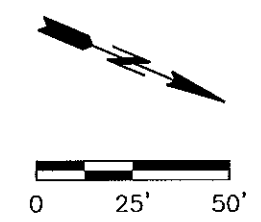




- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ INSTALL 4 - TYPE D DELINEATORS NEAR MANHOLES.



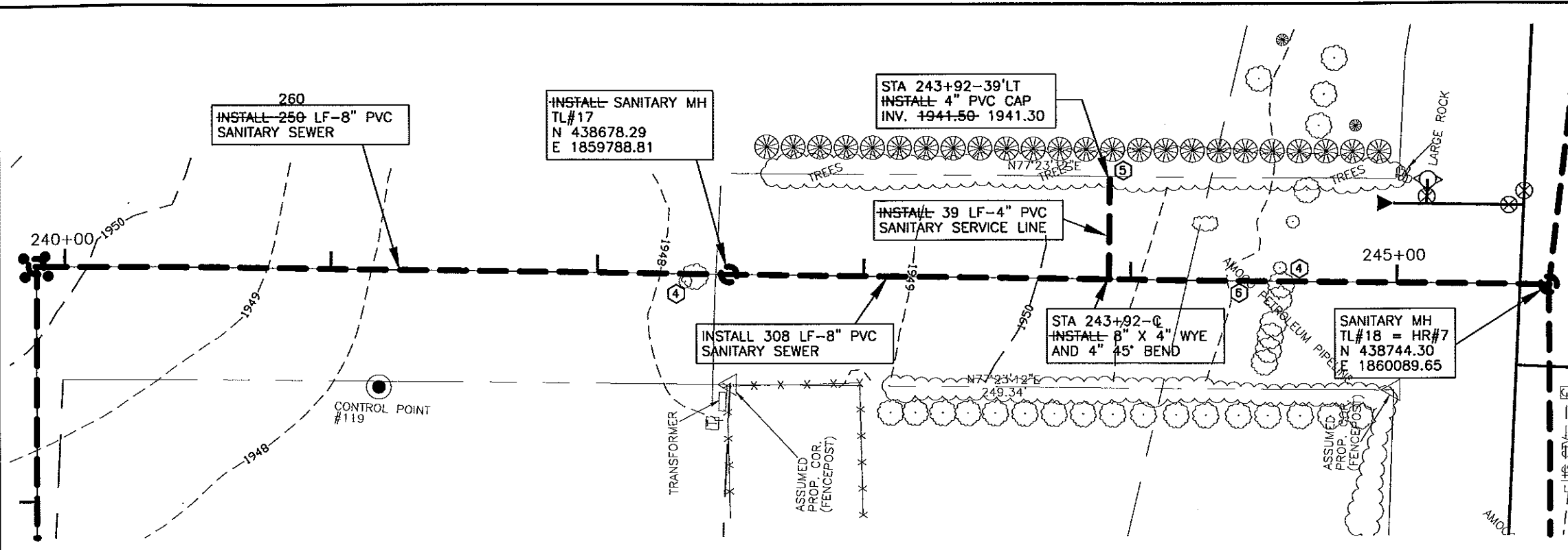
RECORD DRAWINGS
JANUARY 2000



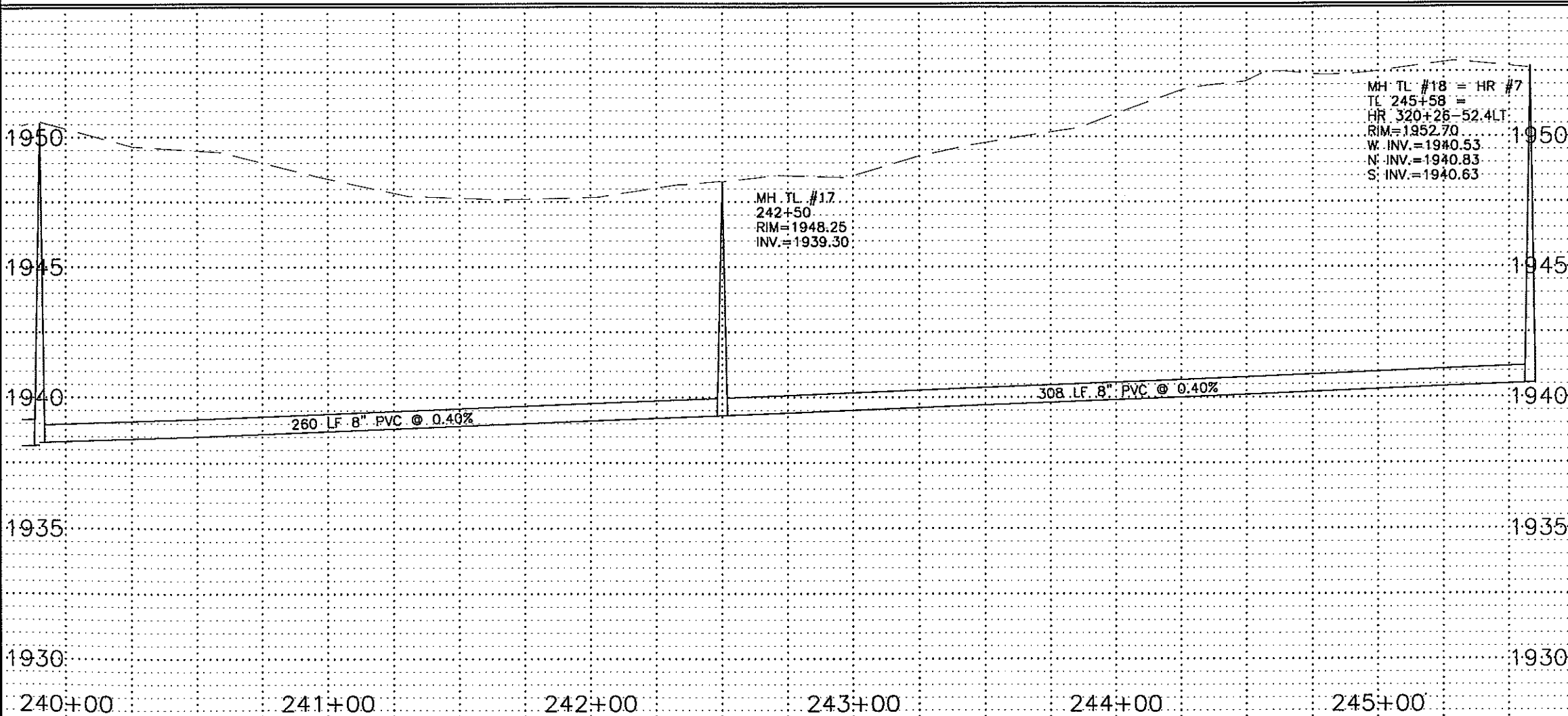
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - ___ WATER

TRUNK LINE
STA 235+00 TO 240+00
SANITARY
SHEET 31

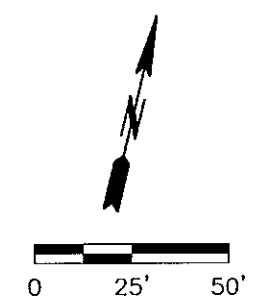




- CONSTRUCTION NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - SEED DISTURBED AREAS.
 - CLEAR AND GRUB TREES AND SHRUBS.
 - INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.
 - CONTRACTOR SHALL MEET ALL REQUIREMENTS SET FORTH BY AMOCO PIPELINE COMPANY FOR WORK WITHIN THEIR RIGHT-OF-WAY. REQUIREMENTS INCLUDE:
 - A RIBBON DESIGNATING THE TYPE OF UTILITY CROSSING THE PIPELINE BEING PLACED 1' BELOW EXISTING GROUND AND APPROXIMATELY 30' LONG CENTERED OVER THE PIPELINE.
 - MINIMUM 24HR NOTICE PRIOR TO EXCAVATION NEAR THE PIPELINE GIVEN TO TIM JOHNSON, DICKINSON ND PH 701-225-8973 OR 701-260-5053 SO HE MAY BE ON SITE DURING EXCAVATION AND BACKFILLING. MARKING RIBBON REQUIRED IN ADDITION TO THE AMOUNT REQUIRED BY DETAILS CONTAINED IN THESE PLANS SHALL BE INCIDENTAL TO OTHER ITEMS.



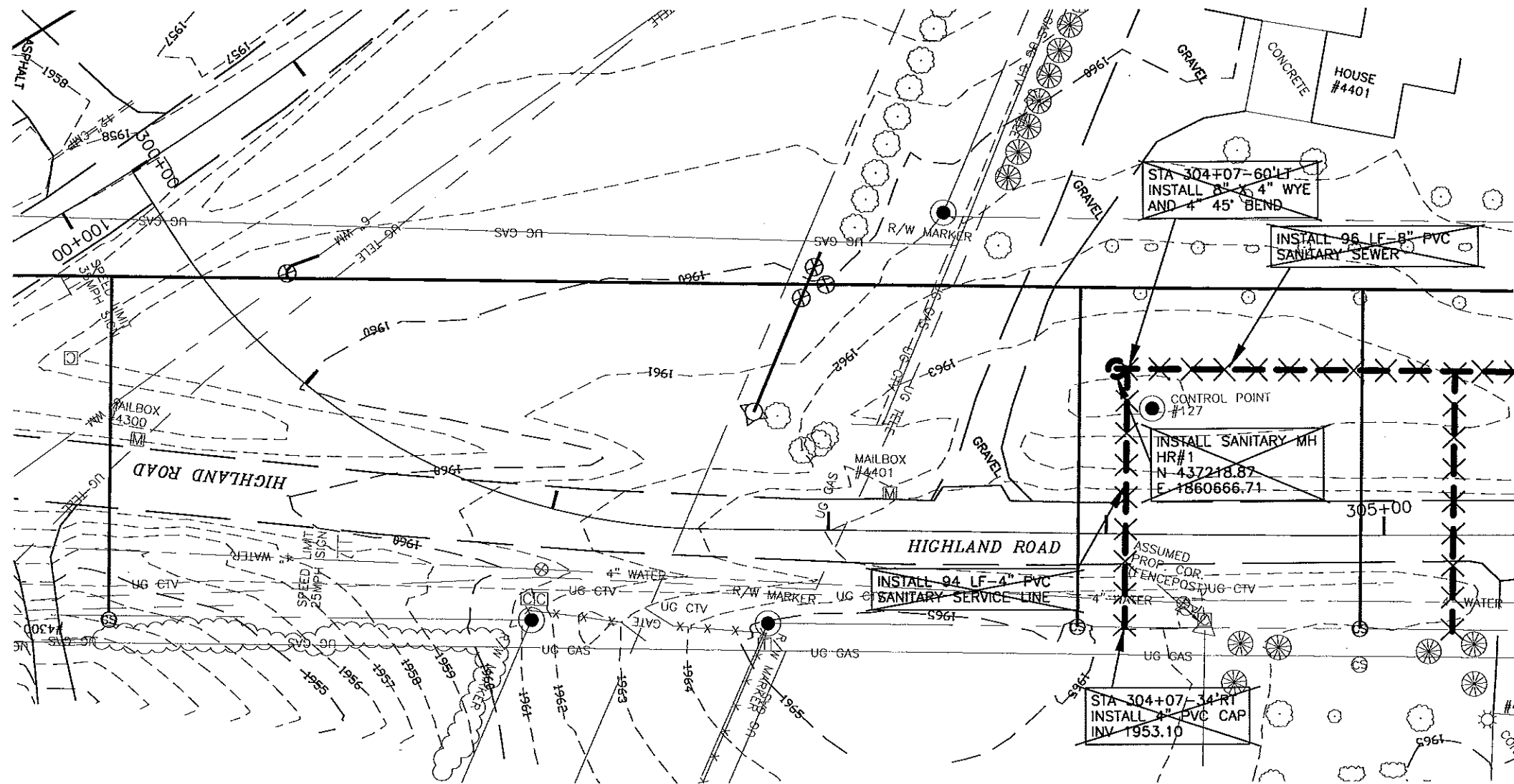
RECORD DRAWINGS
JANUARY 2000



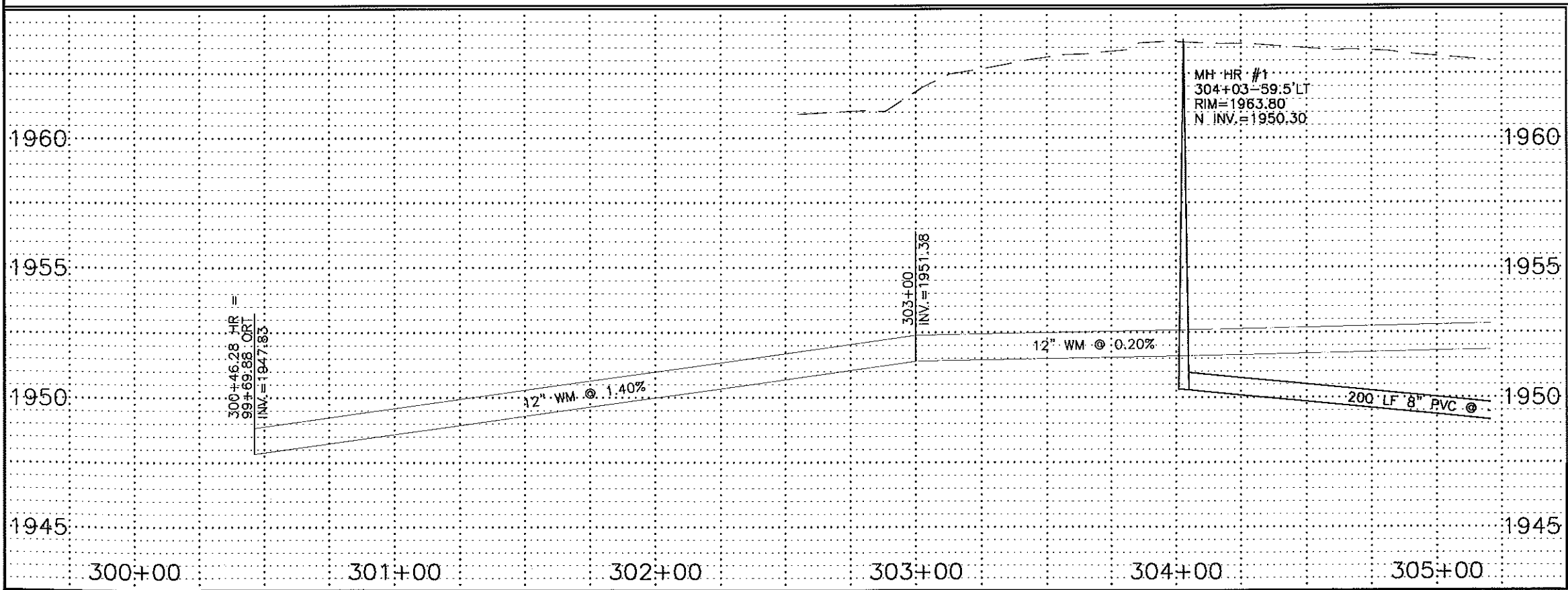
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

TRUNK LINE
STA 240+00 TO 245+58
SANITARY
SHEET 32

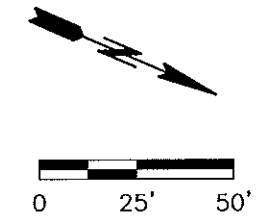




- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.



RECORD DRAWINGS
JANUARY 2000

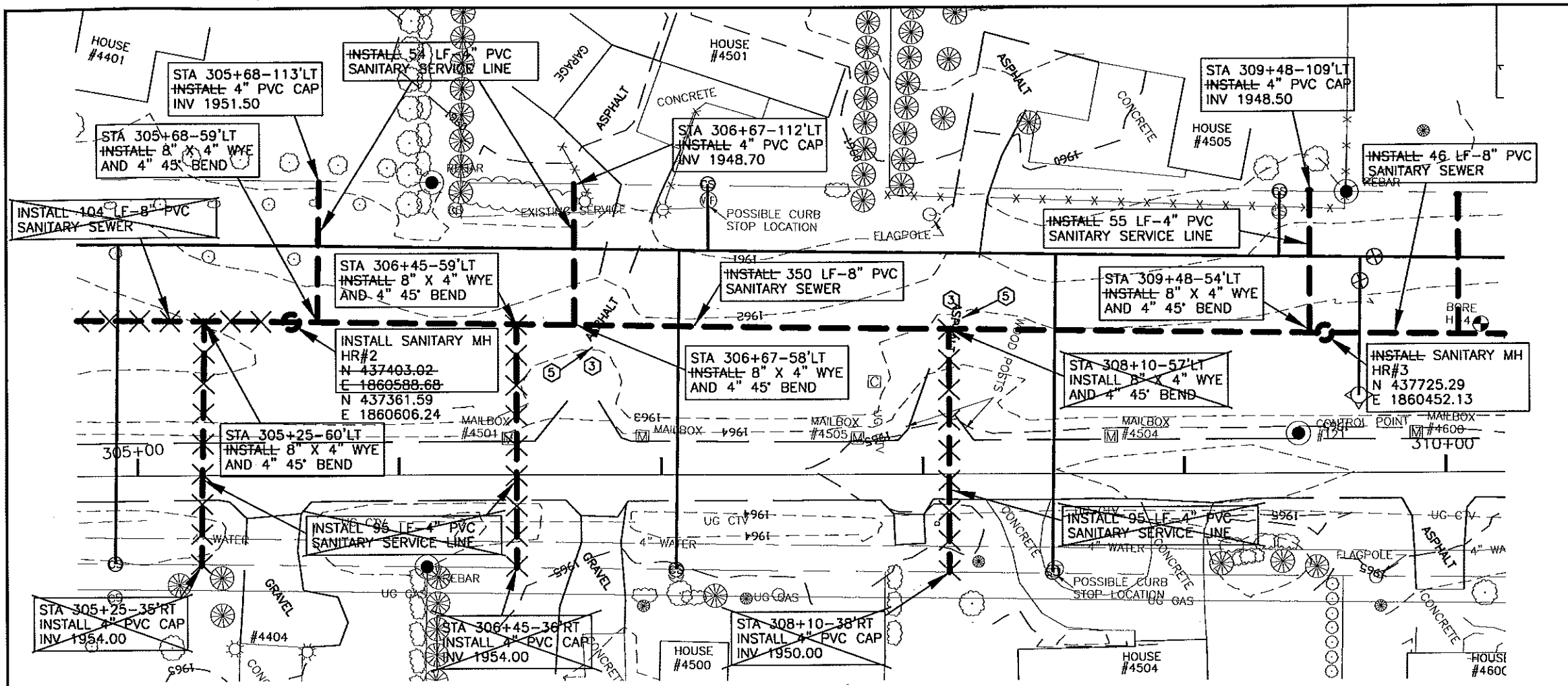


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

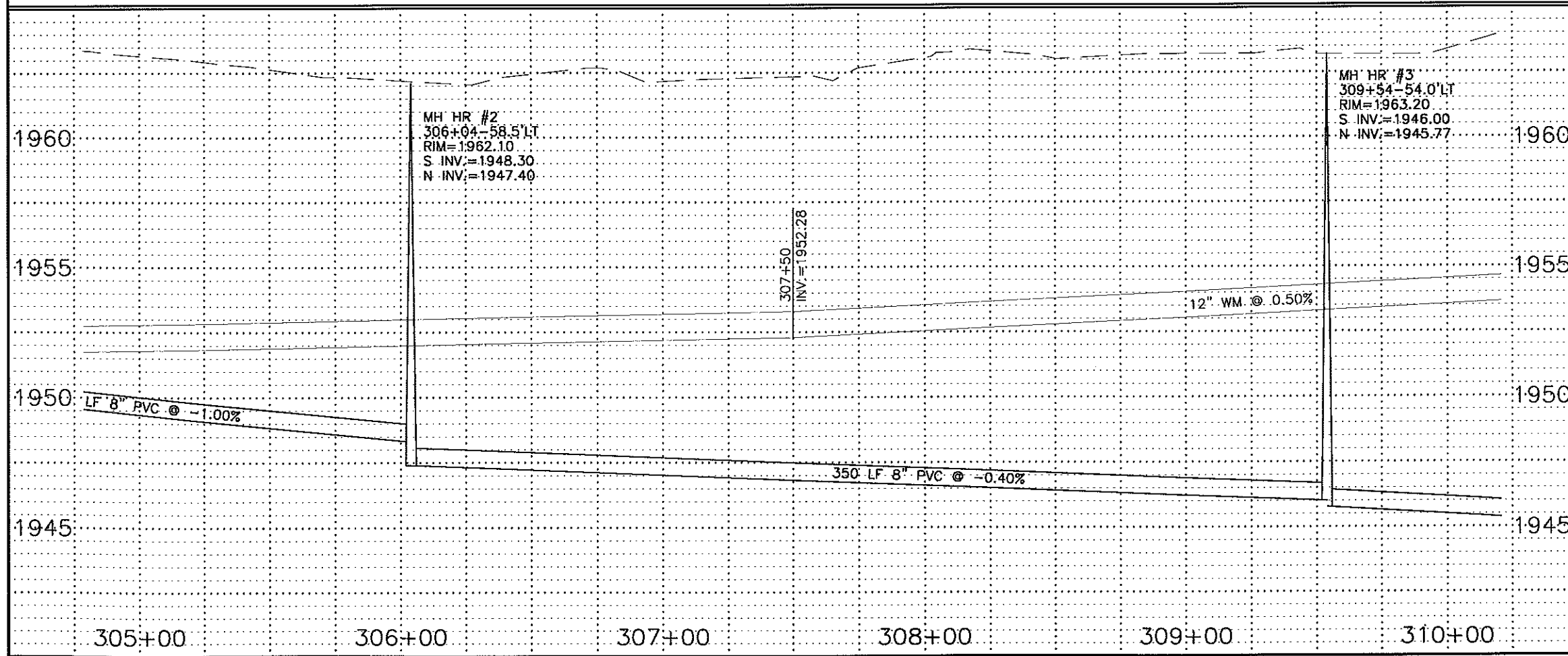
HIGHLAND ROAD
STA 300+00 TO 305+00
SANITARY
SHEET 33



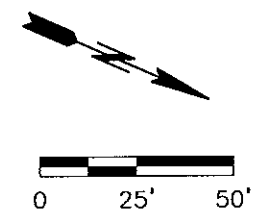
G:\CIVIL\199c\78-8927\AS-BUILT\San-pp.dwg Fri Jan 21 09:07:18 2000



- CONSTRUCTION NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - SEED DISTURBED AREAS.
 - REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.

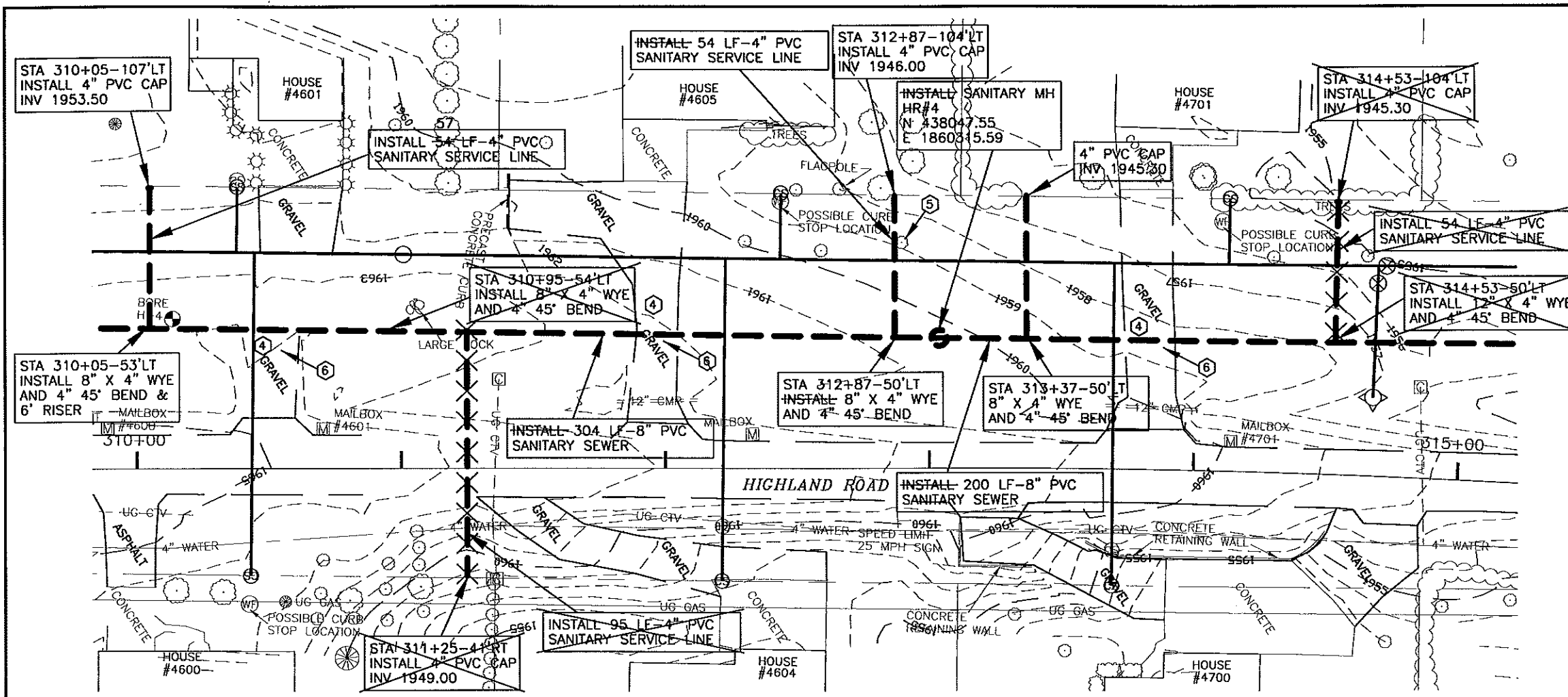


RECORD DRAWINGS
JANUARY 2000

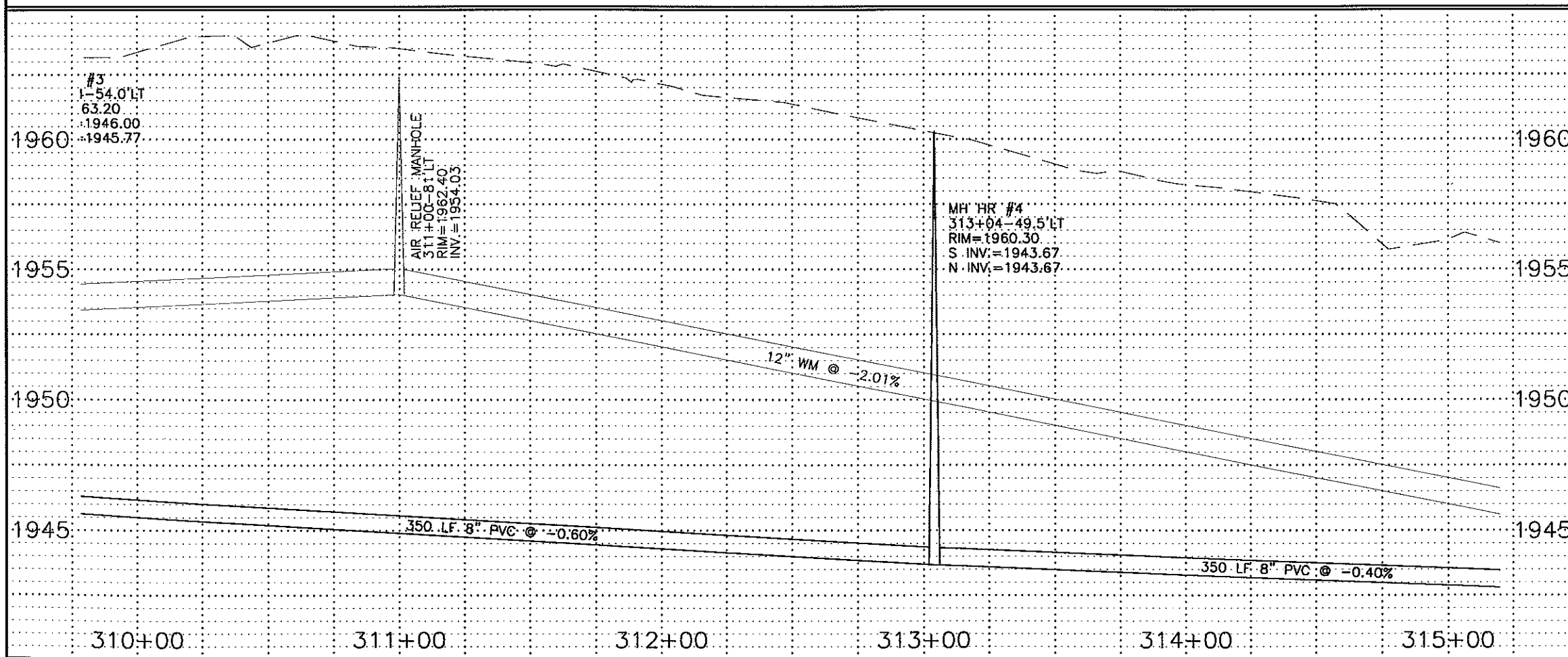


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

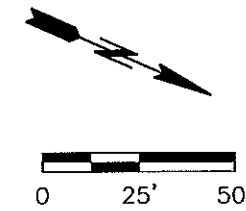
HIGHLAND ROAD		
STA 305+00 TO 310+00		
SANITARY		
SHEET 34		



- CONSTRUCTION NOTES:**
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 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 CLEAR AND GRUB TREES AND SHRUBS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.



RECORD DRAWINGS
JANUARY 2000

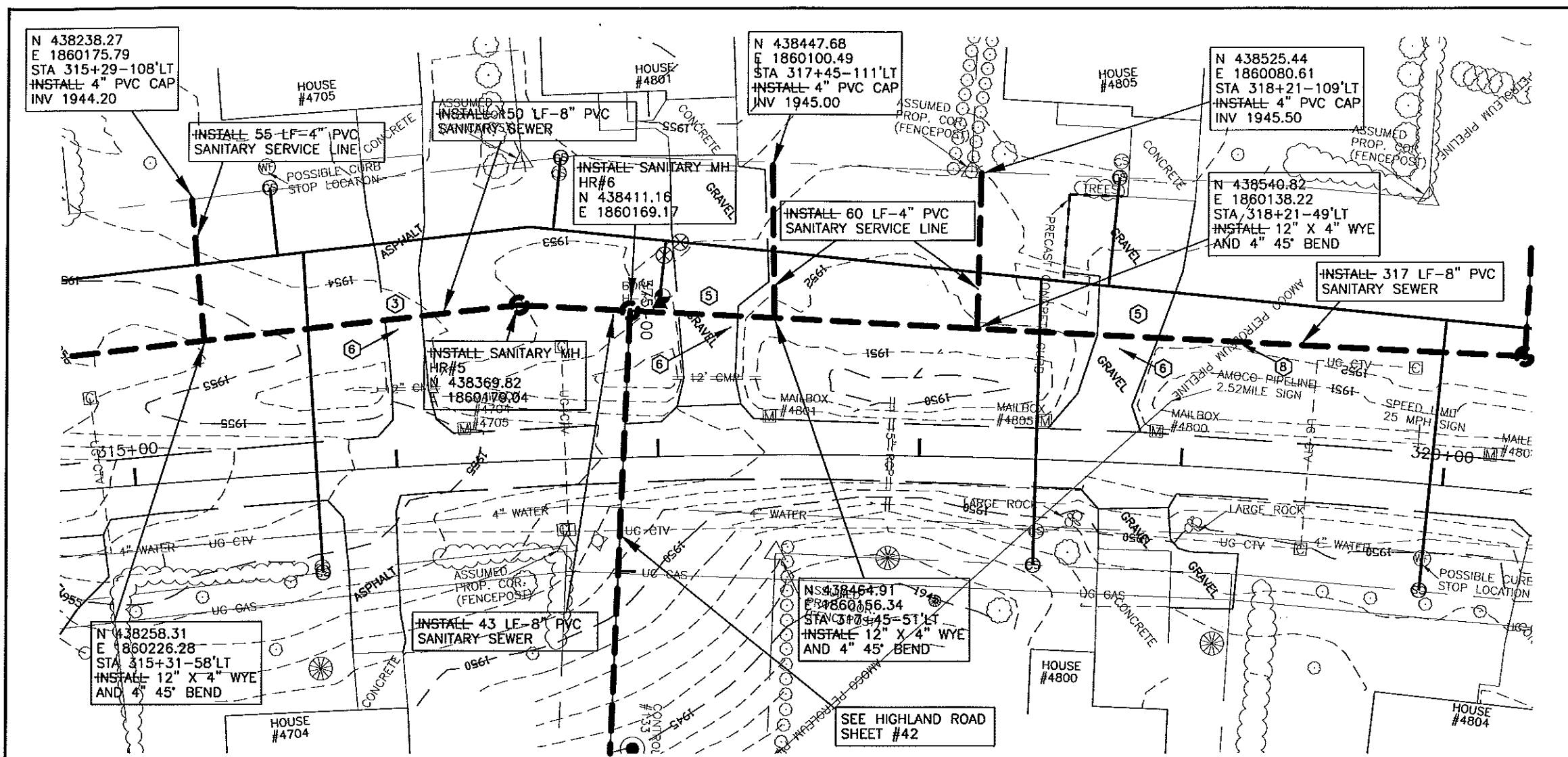


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

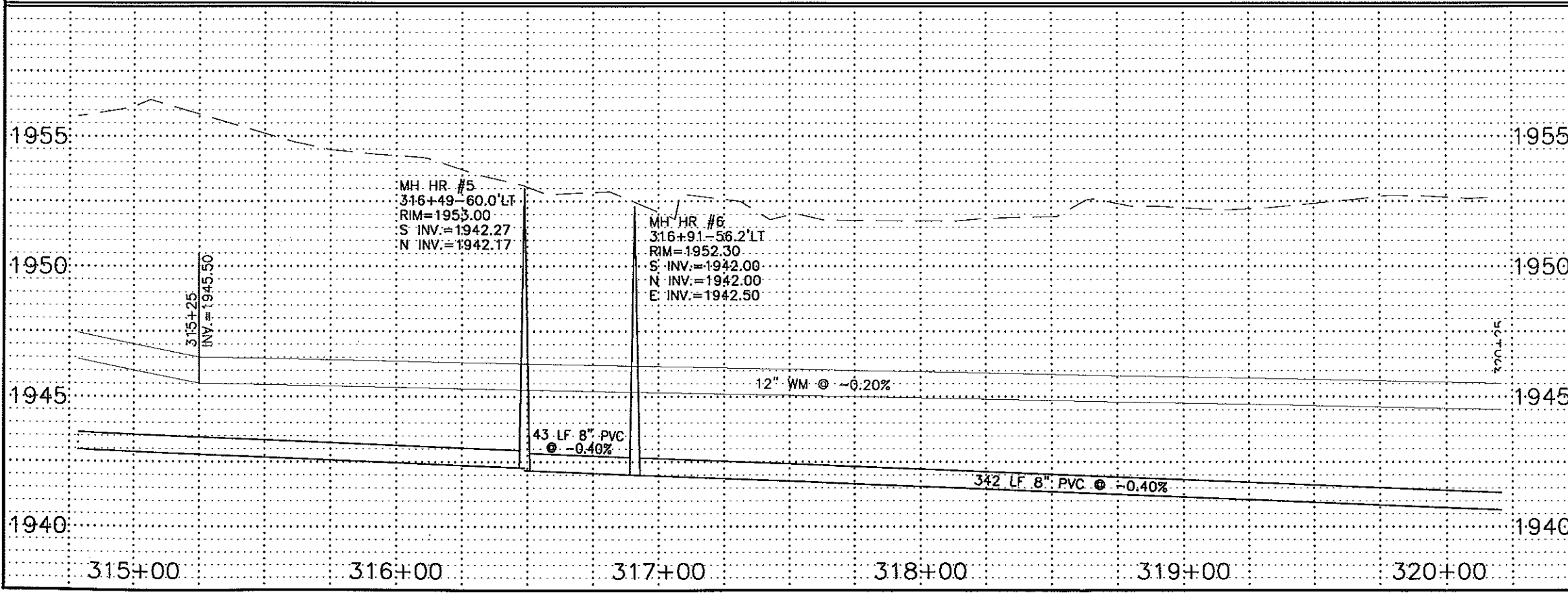
HIGHLAND ROAD
STA 310+00 TO 315+00
SANITARY
SHEET 35



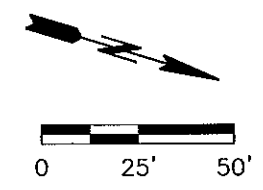
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- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
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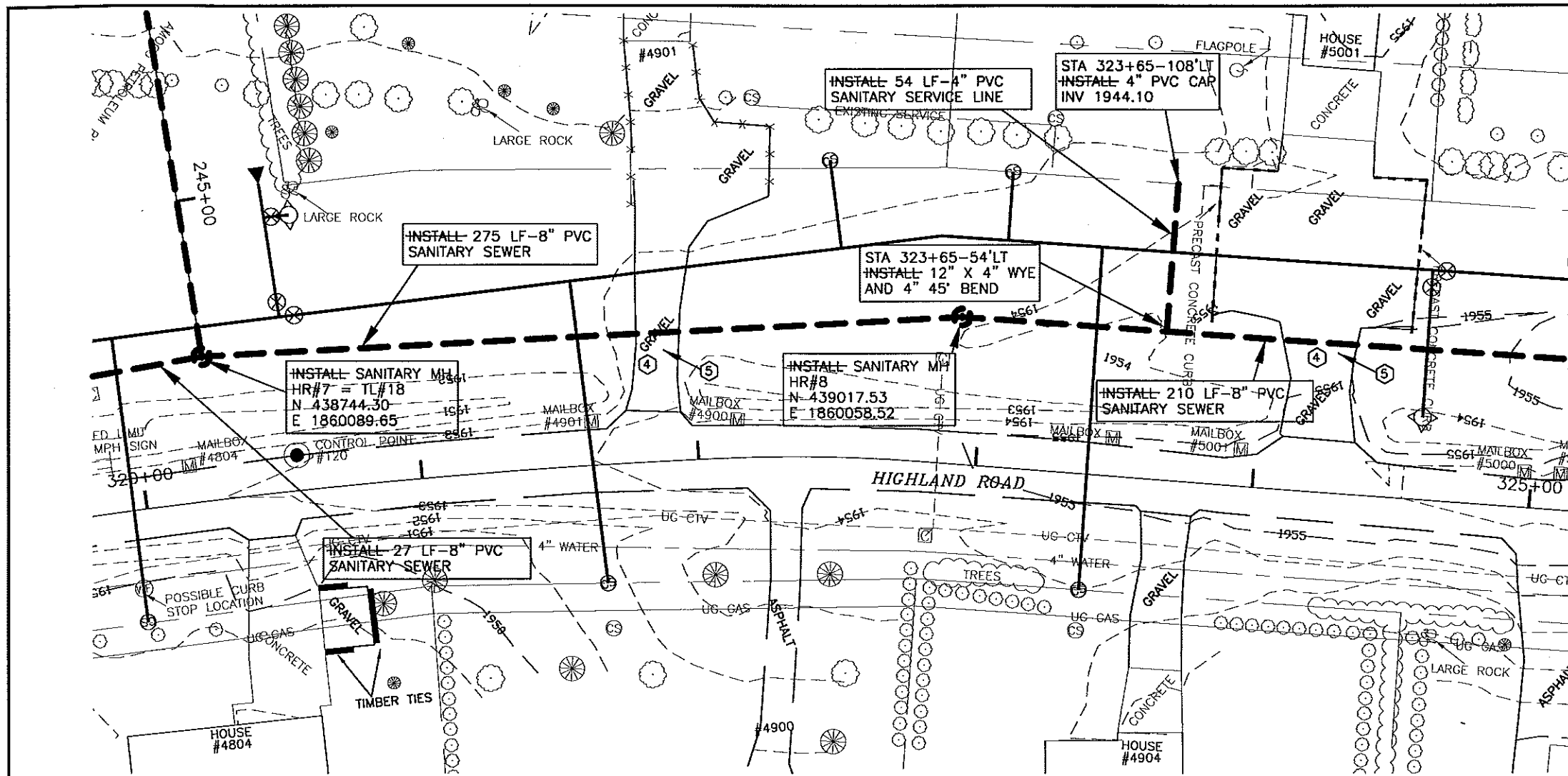
RECORD DRAWINGS
JANUARY 2000



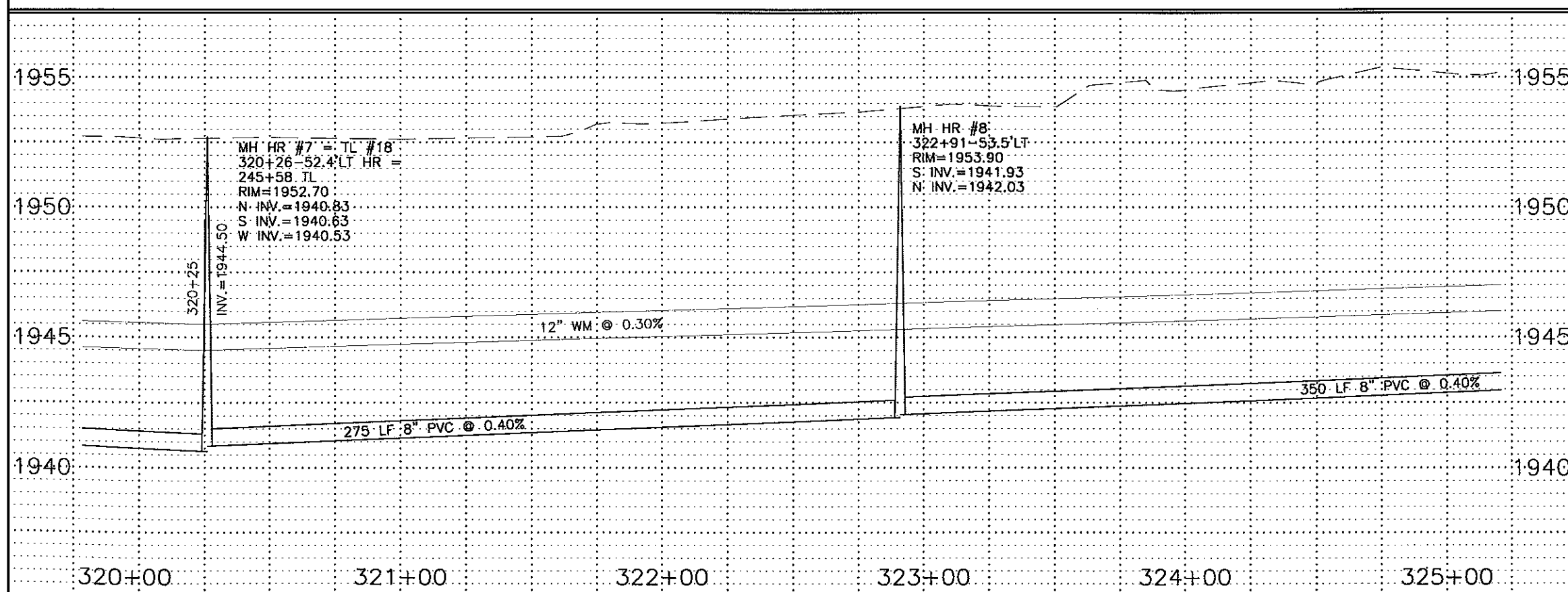
- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

HIGHLAND ROAD
STA 315+00 TO 320+00
SANITARY
SHEET 36

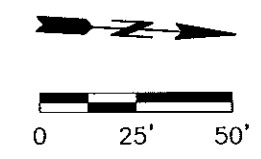




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 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.



RECORD DRAWINGS
JANUARY 2000

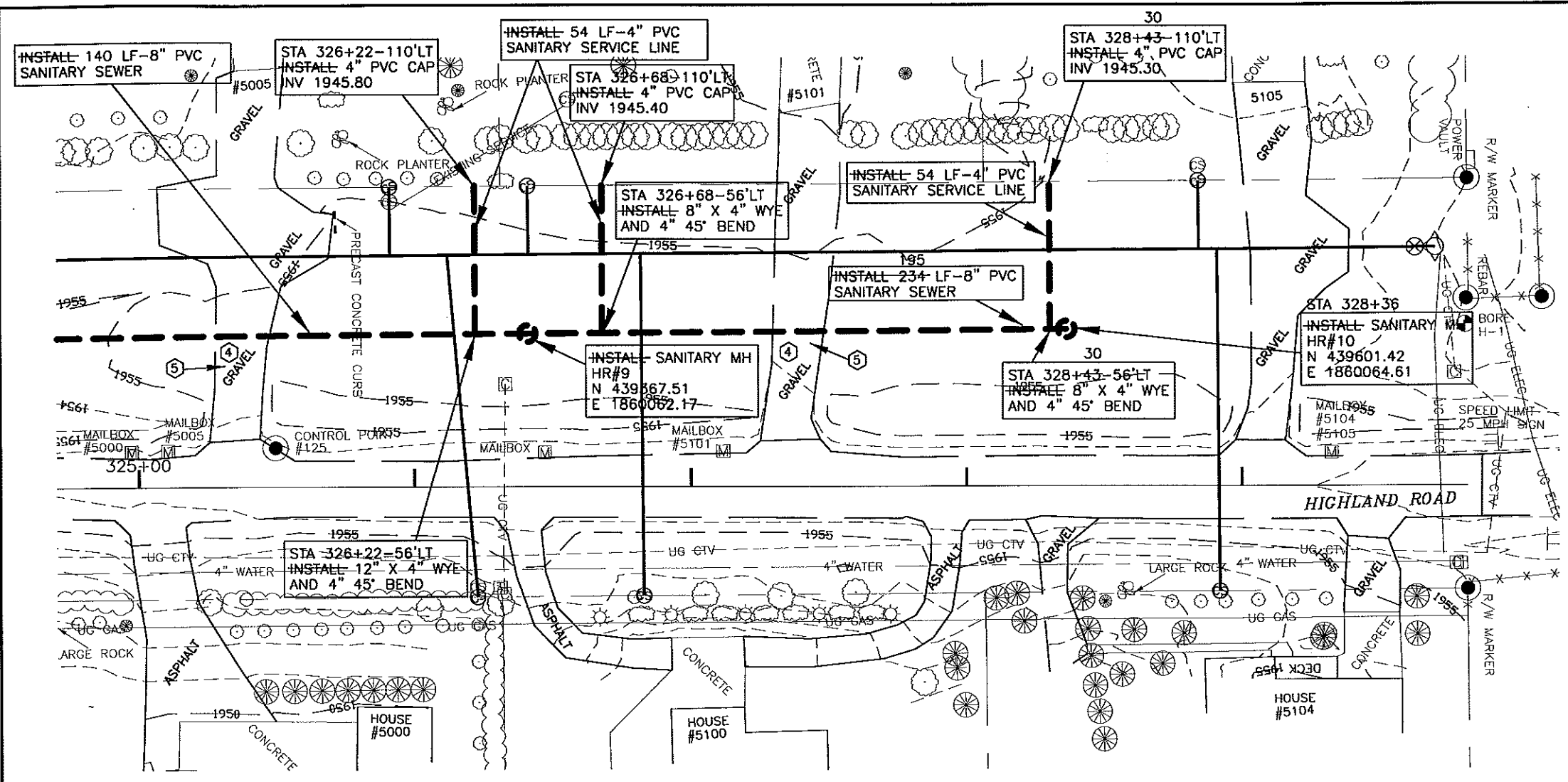


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

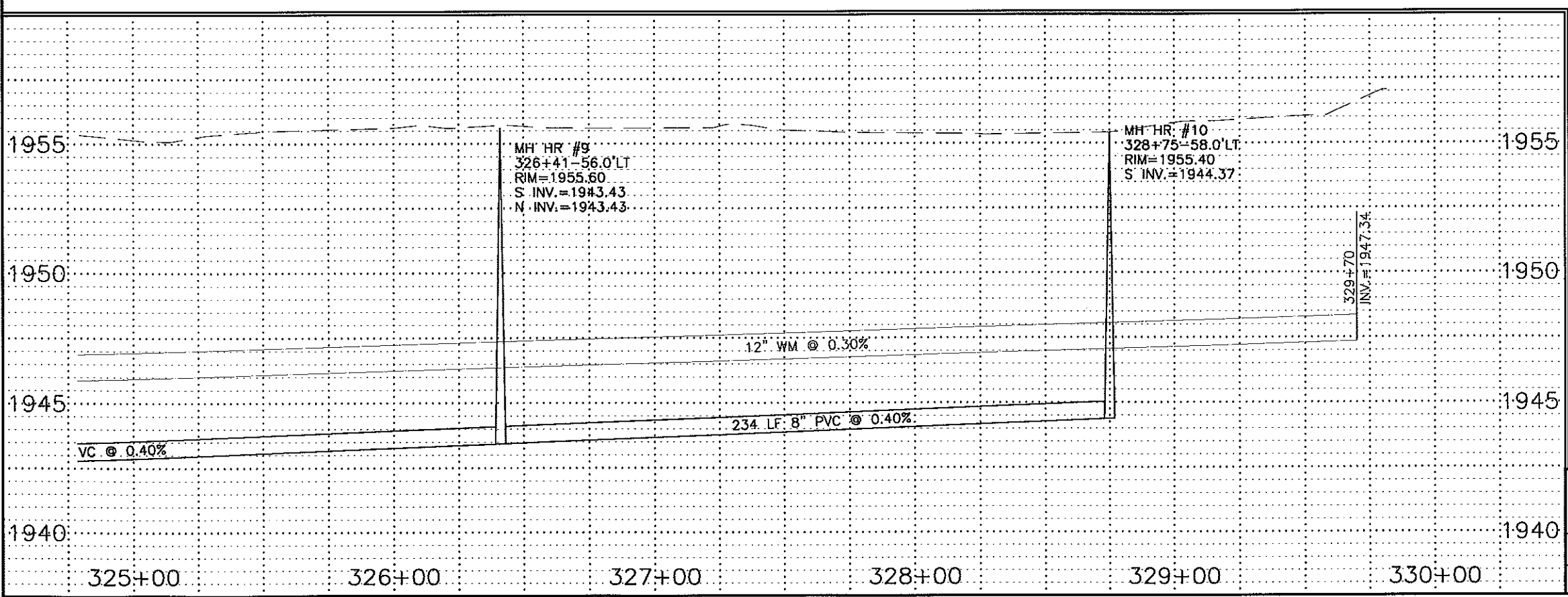
HIGHLAND ROAD
STA 320+00 TO 325+00
SANITARY
SHEET 37



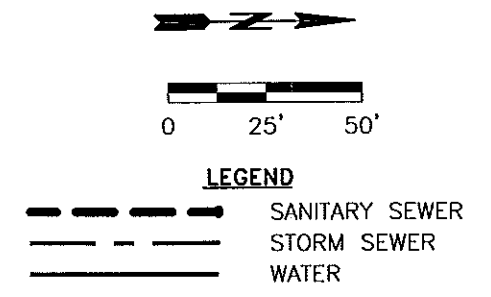
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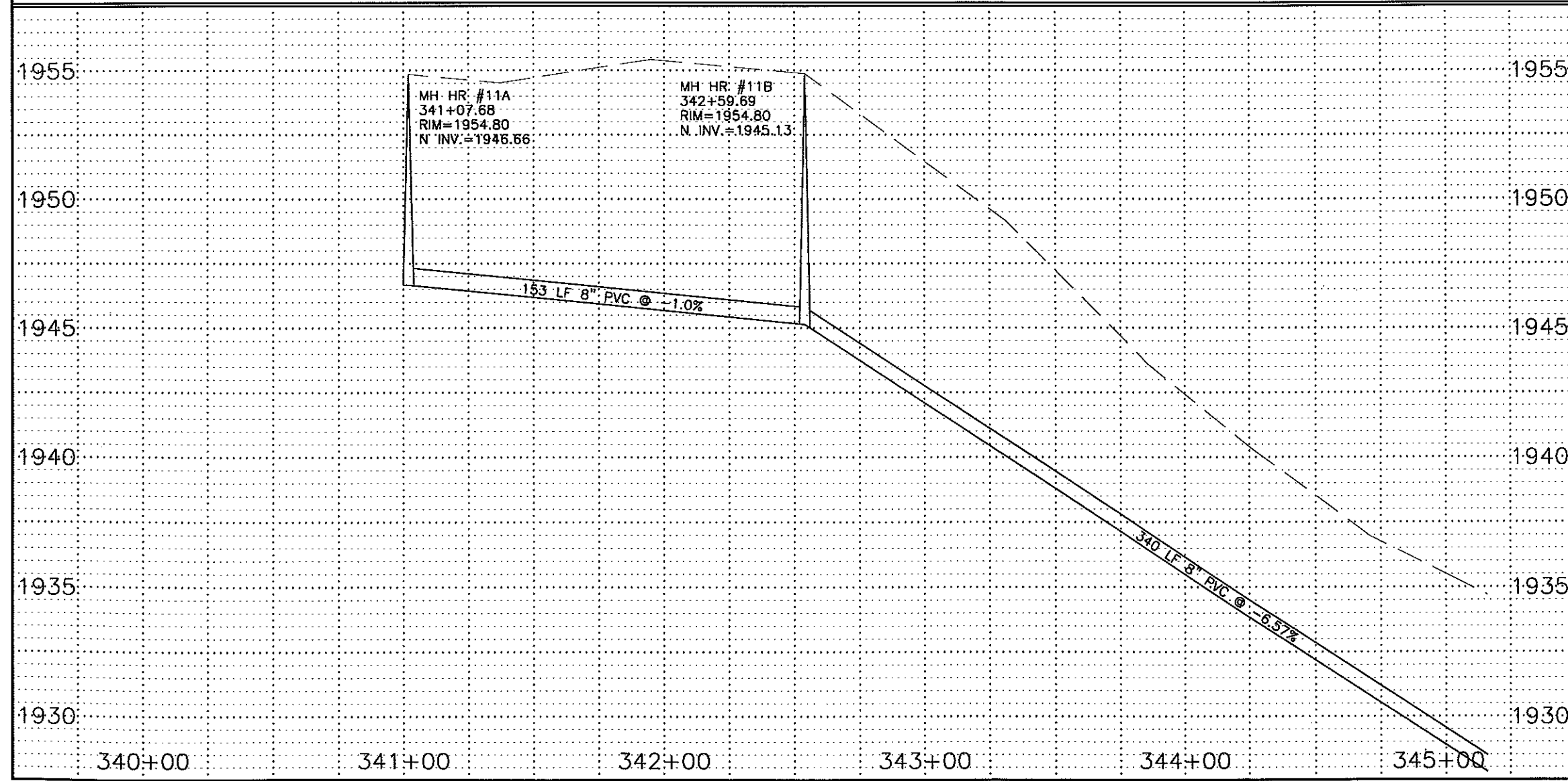
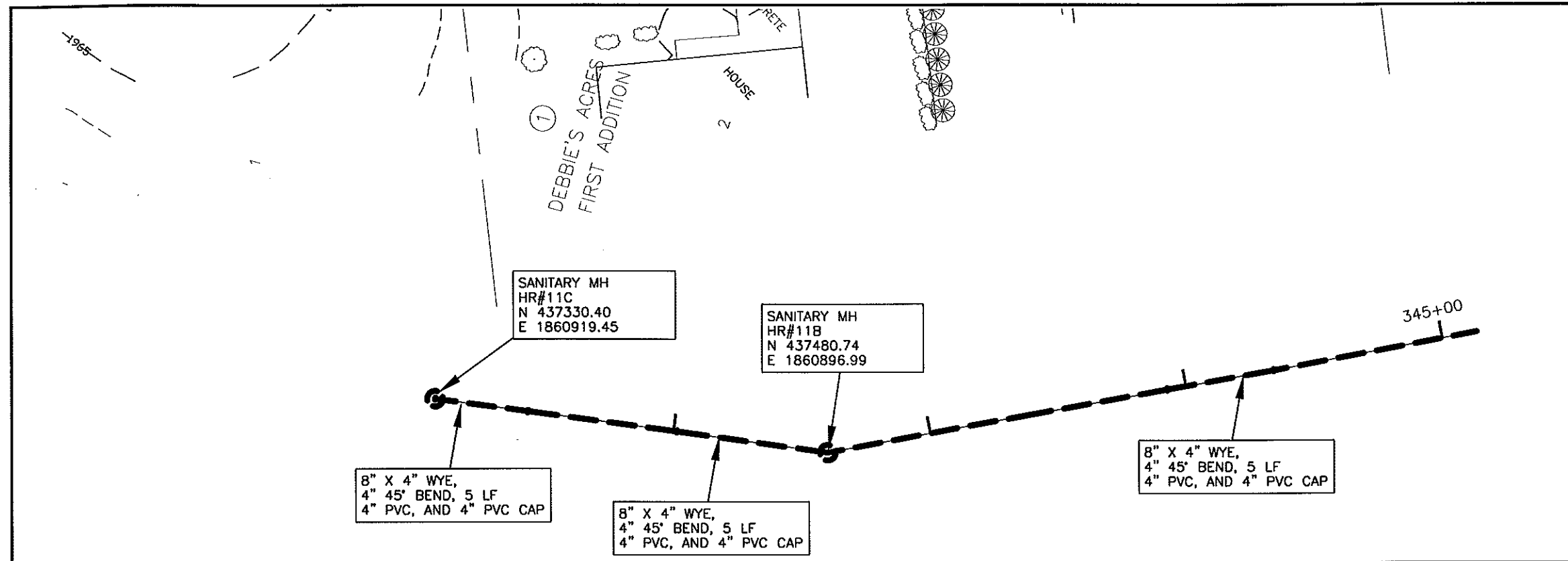
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 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 INSTALL 4" SANITARY SEWER SERVICE TO PROPERTY LINE.



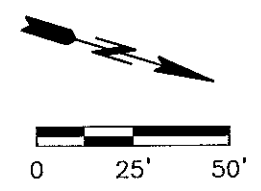
RECORD DRAWINGS
JANUARY 2000



G:\CIVIL\1999\38-8927\AS-BUILD\San-pp.dwg Fri Jan 21 14:06:43 2000



RECORD DRAWINGS
JANUARY 2000



- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

HIGHLAND ROAD
STA 340+00 TO 345+00

SANITARY

SHEET 39A



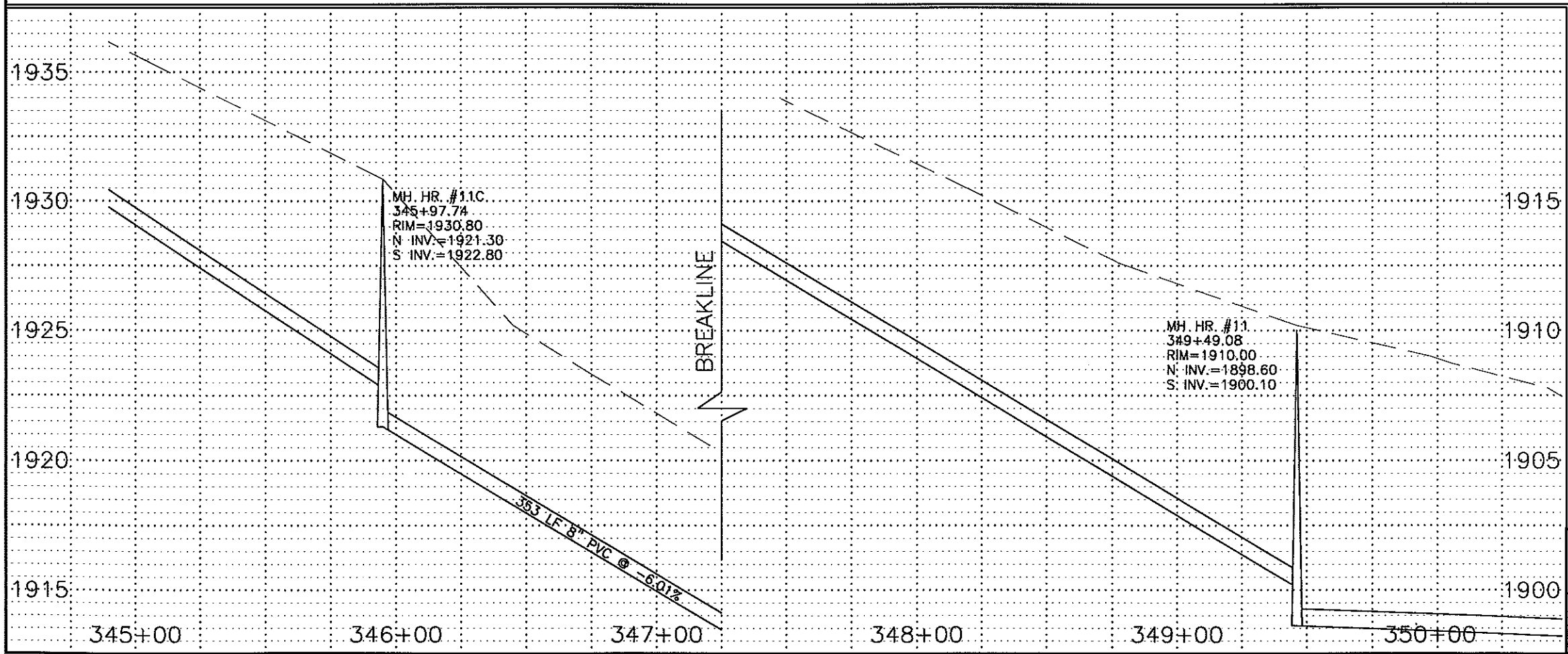
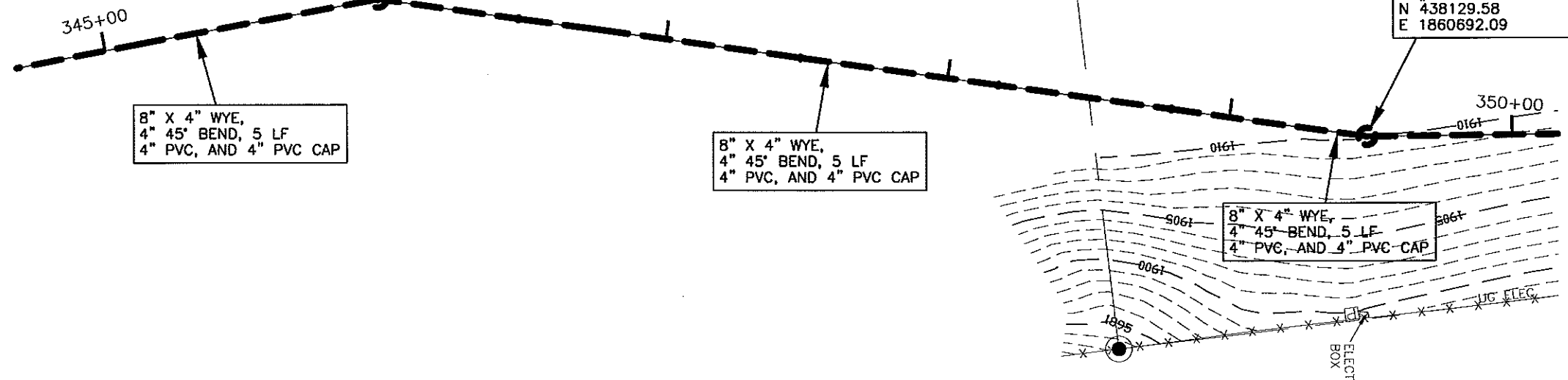
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HR#11C
N 437782.05
E 1860743.73

INSTALL SANITARY MH
HR#11
N 438129.58
E 1860692.09

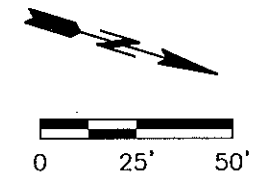
8" X 4" WYE,
4" 45° BEND, 5 LF
4" PVC, AND 4" PVC CAP

8" X 4" WYE,
4" 45° BEND, 5 LF
4" PVC, AND 4" PVC CAP

8" X 4" WYE,
4" 45° BEND, 5 LF
4" PVC, AND 4" PVC CAP



RECORD DRAWINGS
JANUARY 2000



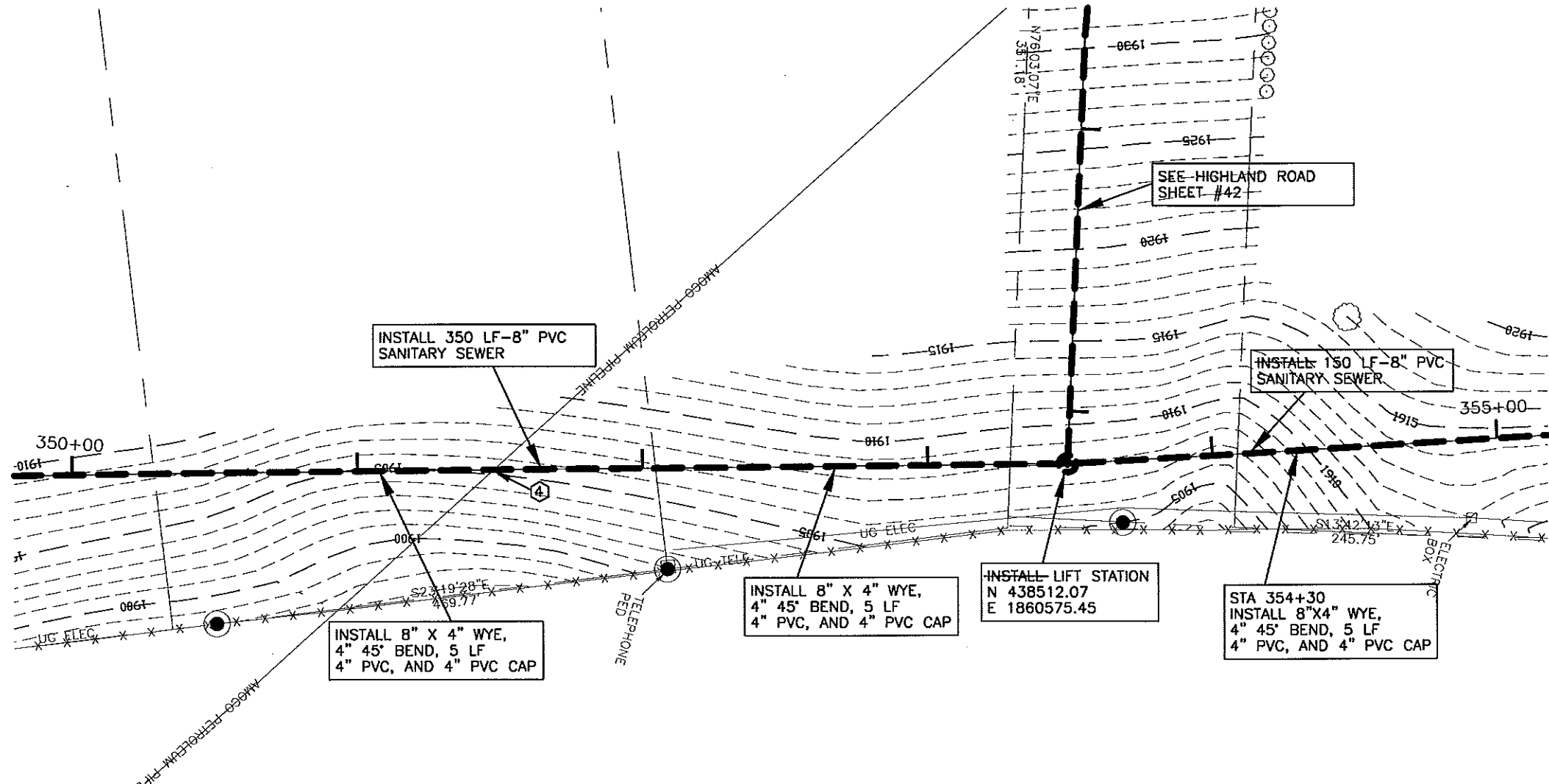
LEGEND

	SANITARY SEWER
	STORM SEWER
	WATER

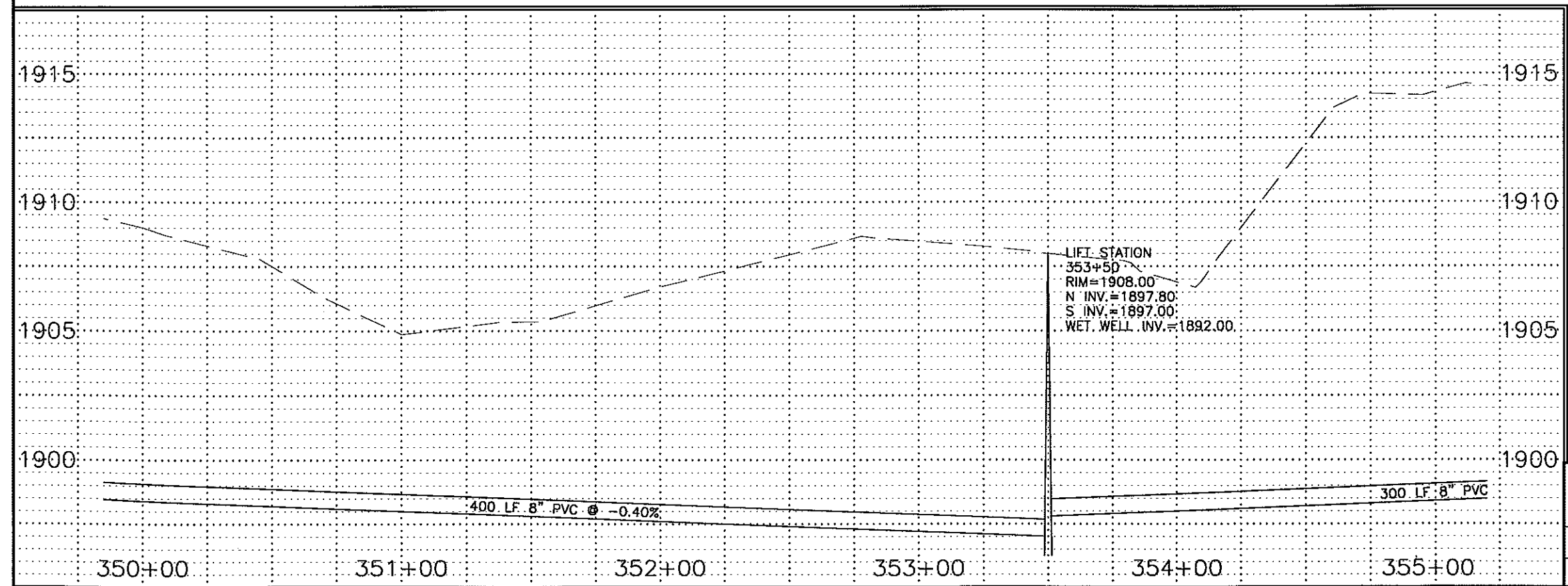
HIGHLAND ROAD
STA 345+00 TO 350+00
SANITARY
SHEET 39B



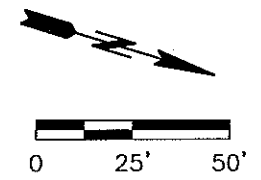
G:\CIVIL\1998-8927\AS-BUILT\San-pp.dwg Fri Jan 21 14:17:58 2000



- CONSTRUCTION NOTES:**
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 - 3 SEED DISTURBED AREAS.
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 - 5 EXACT LOCATION OF SANITARY SEWER SERVICE CONNECTION SHALL BE FIELD LOCATED BY THE ENGINEER.



RECORD DRAWINGS
JANUARY 2000

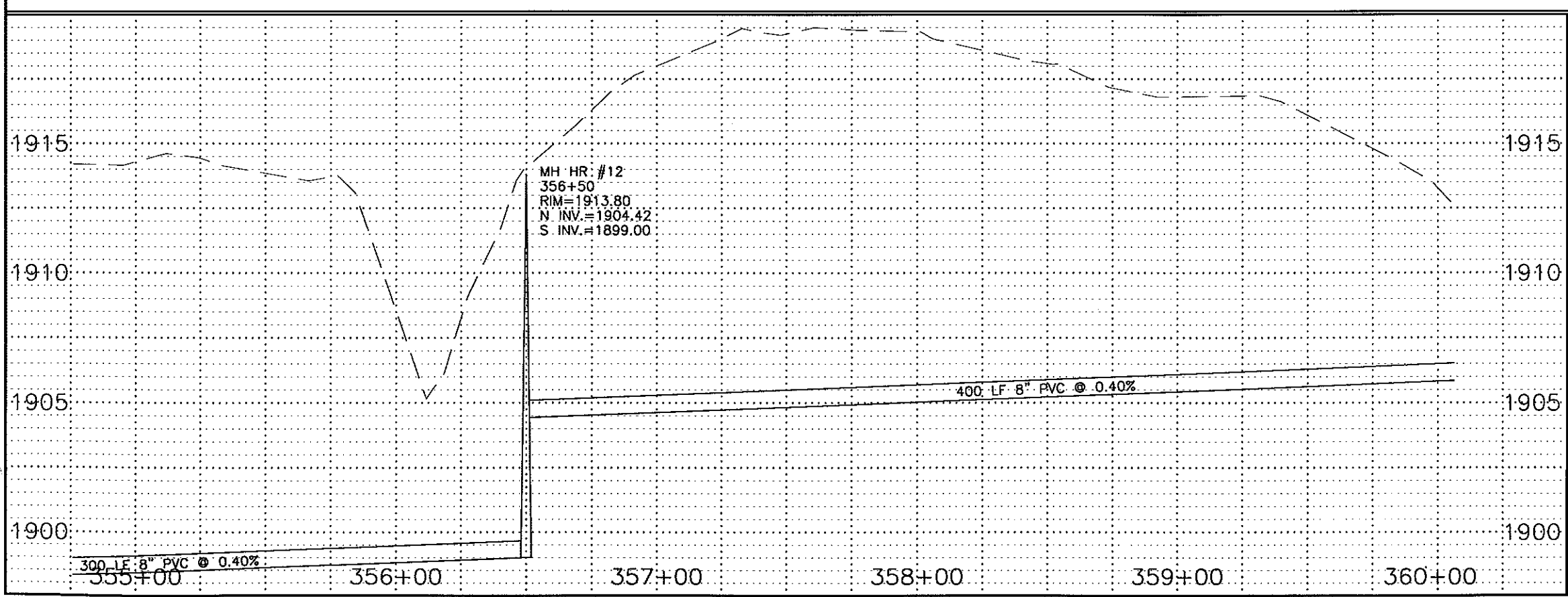
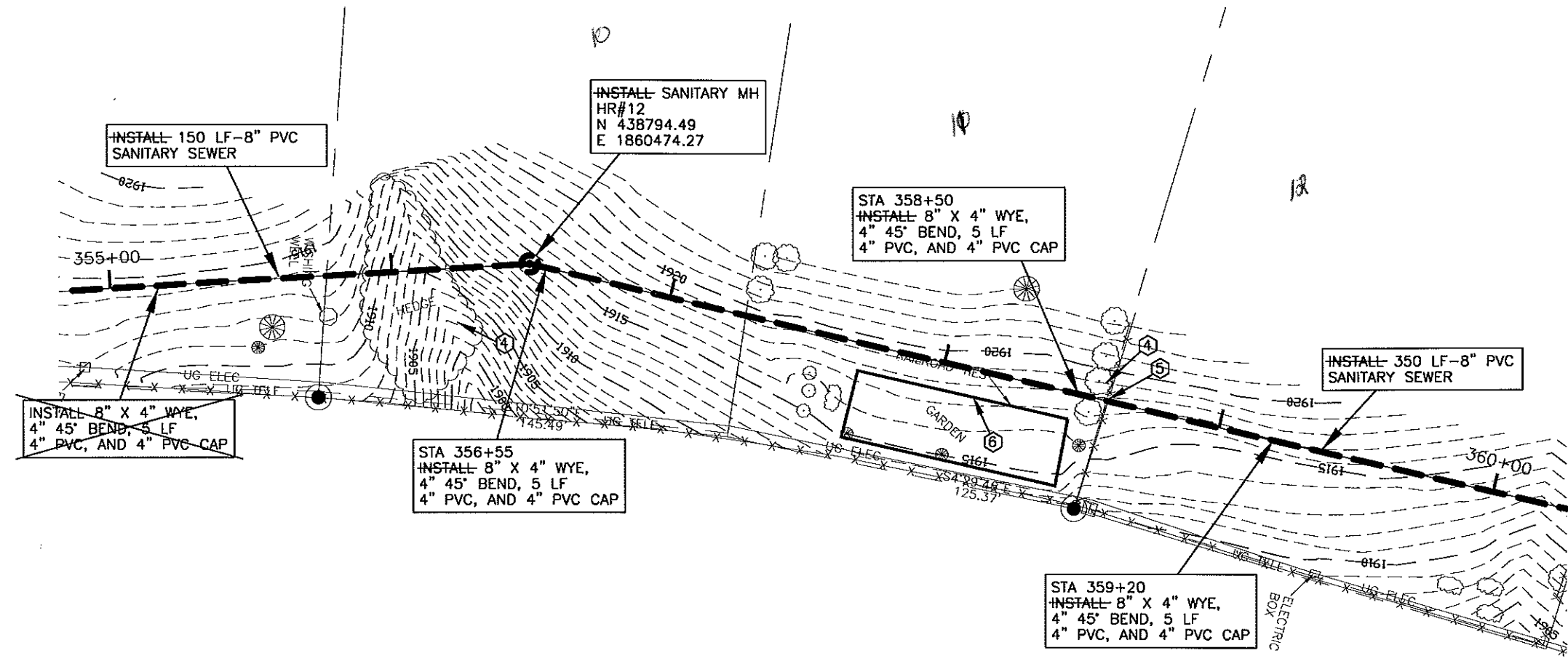


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

HIGHLAND ROAD
STA 350+00 TO 355+00
SANITARY
SHEET 39C



- CONSTRUCTION NOTES:**
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 - ③ SEED DISTURBED AREAS.
 - ④ CLEAR AND GRUB TREES AND SHRUBS.
 - ⑤ REMOVE AND RESET FENCE. ALL COSTS INCIDENTAL TO OTHER ITEMS.
 - ⑥ CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT RAILROAD TIES. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.
 - ⑦ EXACT LOCATION OF SANITARY SEWER SERVICE CONNECTION SHALL BE FIELD LOCATED BY THE ENGINEER.



RECORD DRAWINGS
JANUARY 2000

0 25' 50'

LEGEND

- SANITARY SEWER
- STORM SEWER
- WATER

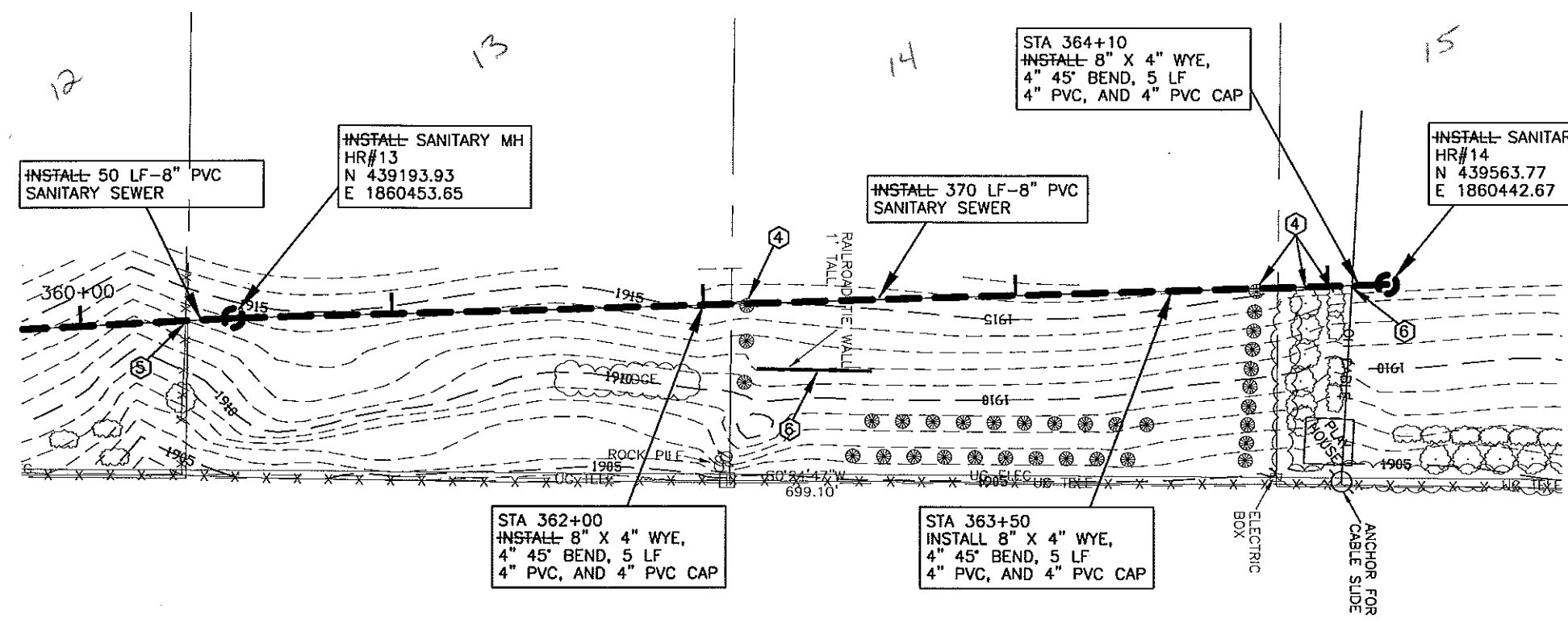
HIGHLAND ROAD
STA 355+00 TO 360+00

SANITARY

SHEET 40

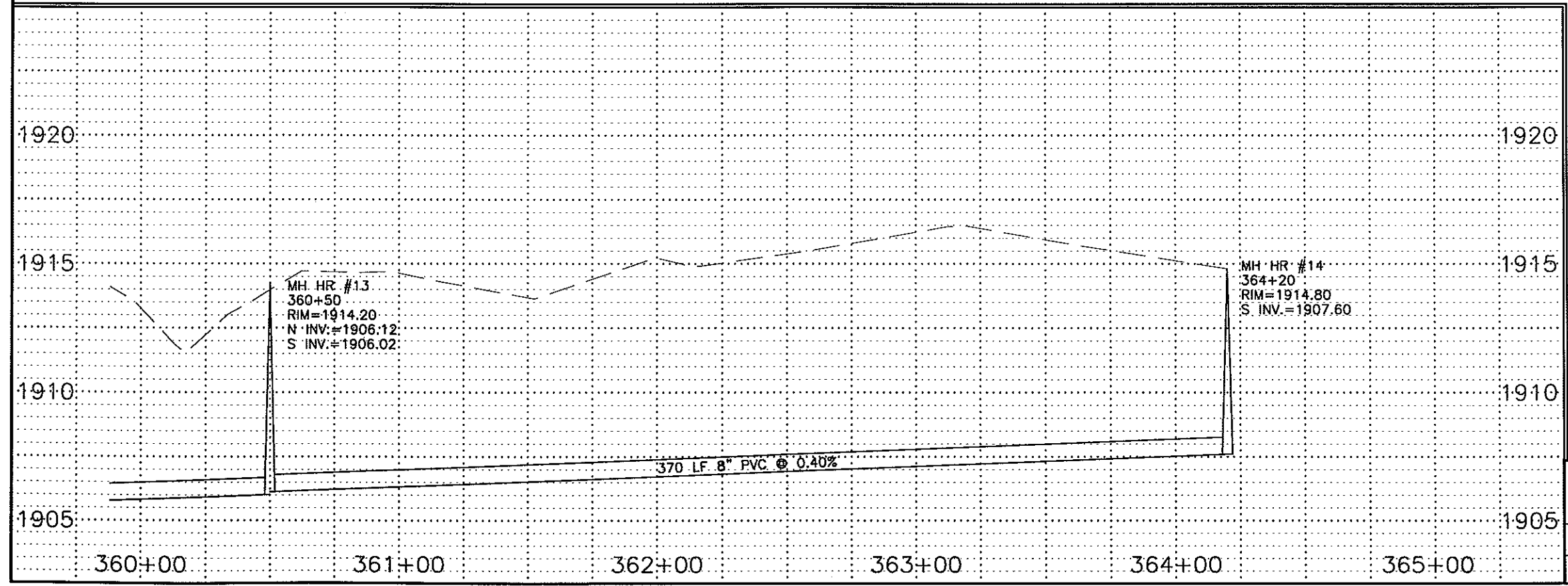



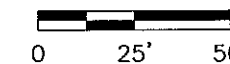



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- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
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 - 3 SEED DISTURBED AREAS.
 - 4 CLEAR AND GRUB TREES AND SHRUBS.
 - 5 REMOVE AND RESET FENCE. ALL COSTS INCIDENTAL TO OTHER ITEMS.
 - 6 CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT OVERHEAD CABLE AND RAILROAD TIE WALL. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.
 - 7 EXACT LOCATION OF SANITARY SEWER SERVICE CONNECTION SHALL BE FIELD LOCATED BY THE ENGINEER.

RECORD DRAWINGS
JANUARY 2000

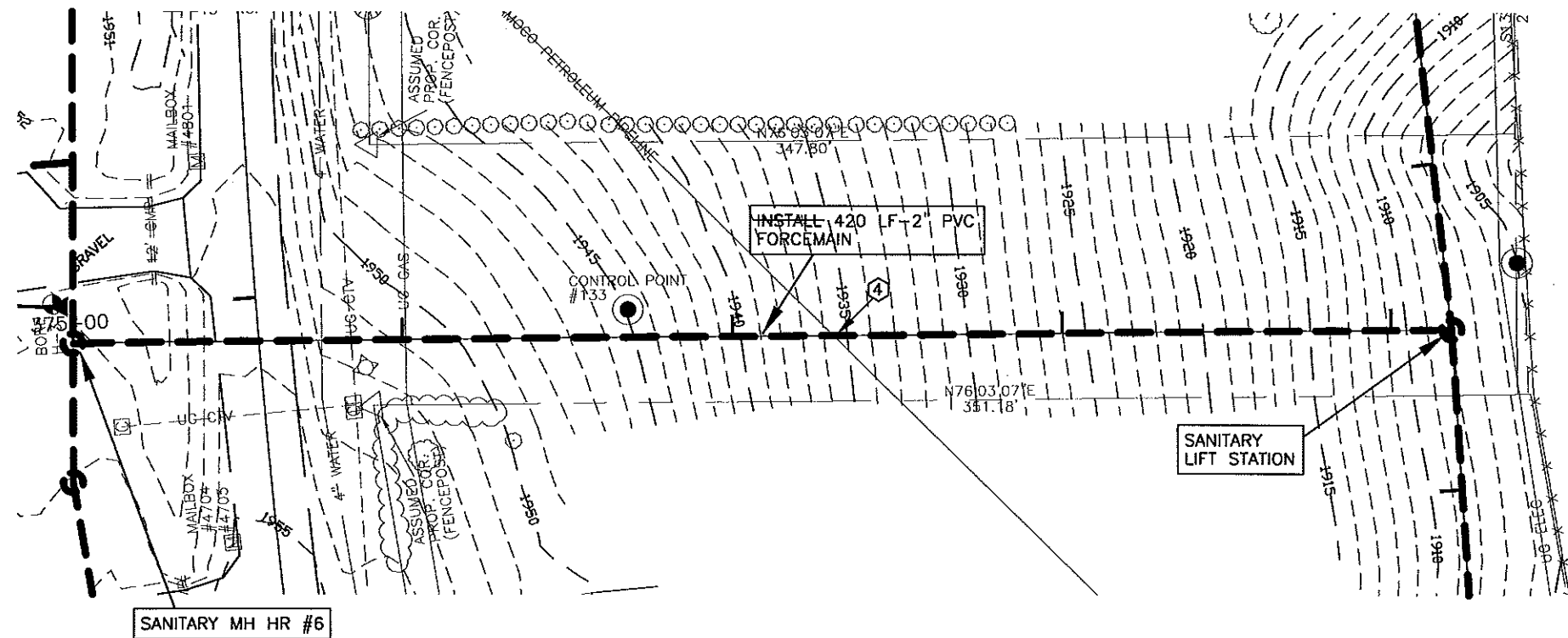




LEGEND
 SANITARY SEWER
 STORM SEWER
 WATER

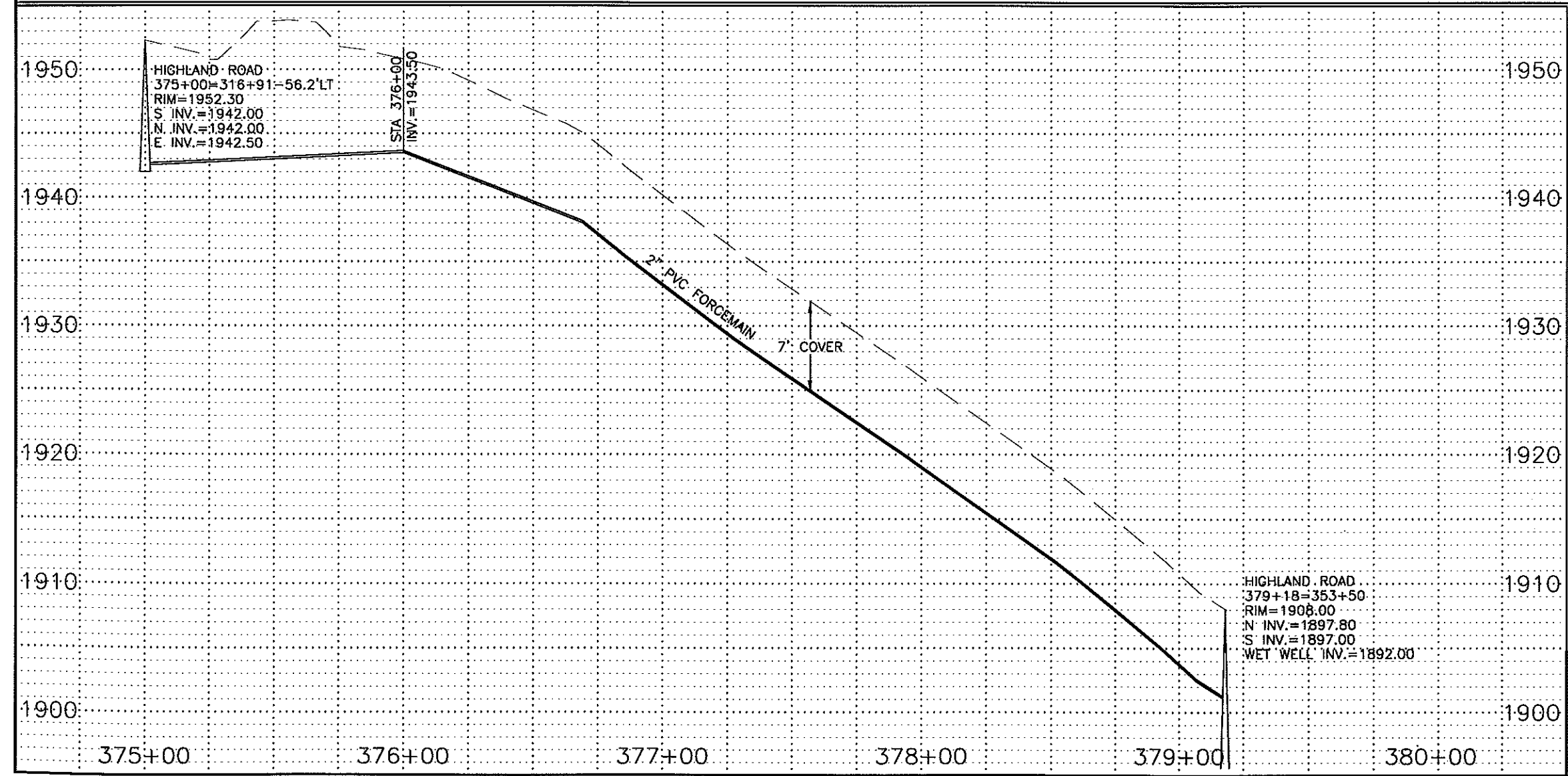
HIGHLAND ROAD
 360+00 TO 365+00
SANITARY
 SHEET 41



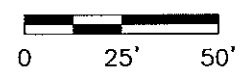
G:\CIVIL\1998-8927\AS-BUILD\Hind-spp.dwg Fri Jan 21 09:31:26 2000



- CONSTRUCTION NOTES:**
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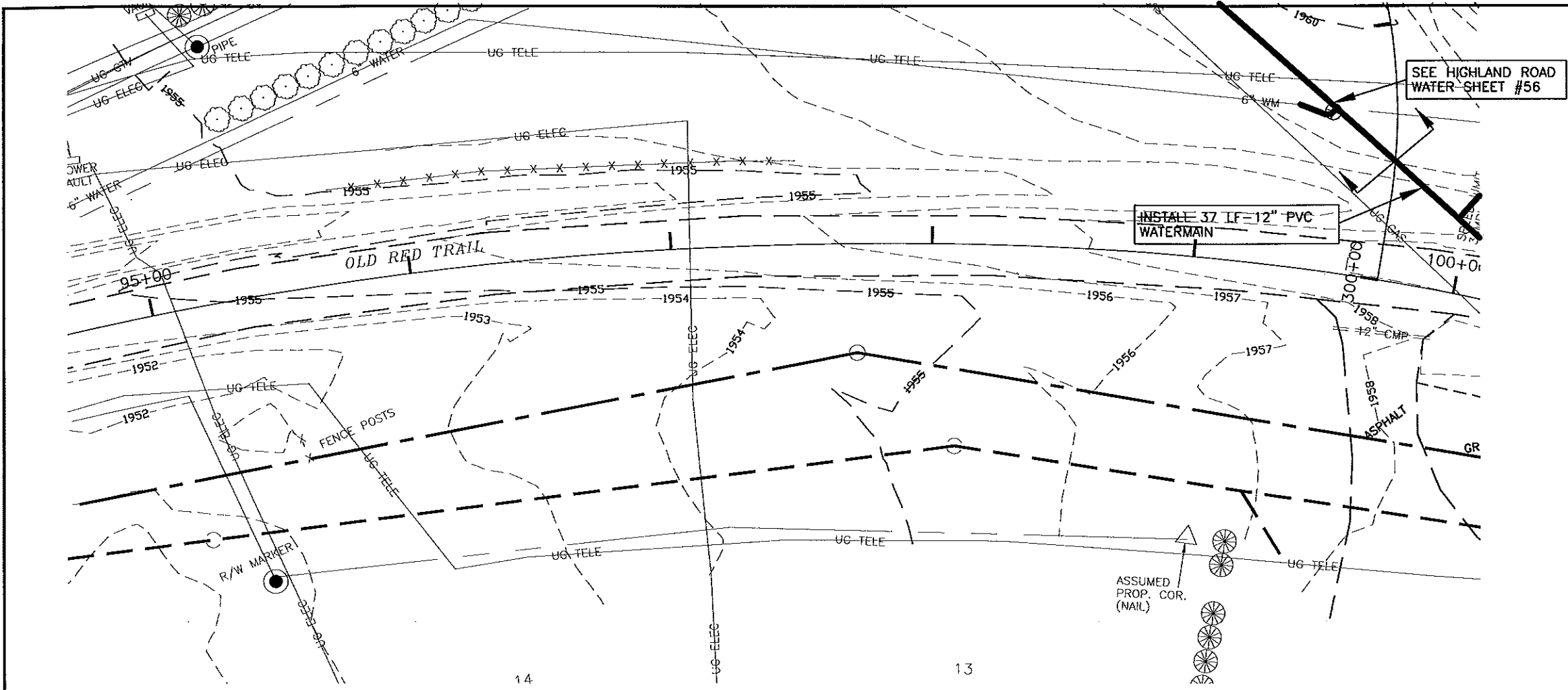
RECORD DRAWINGS
JANUARY 2000



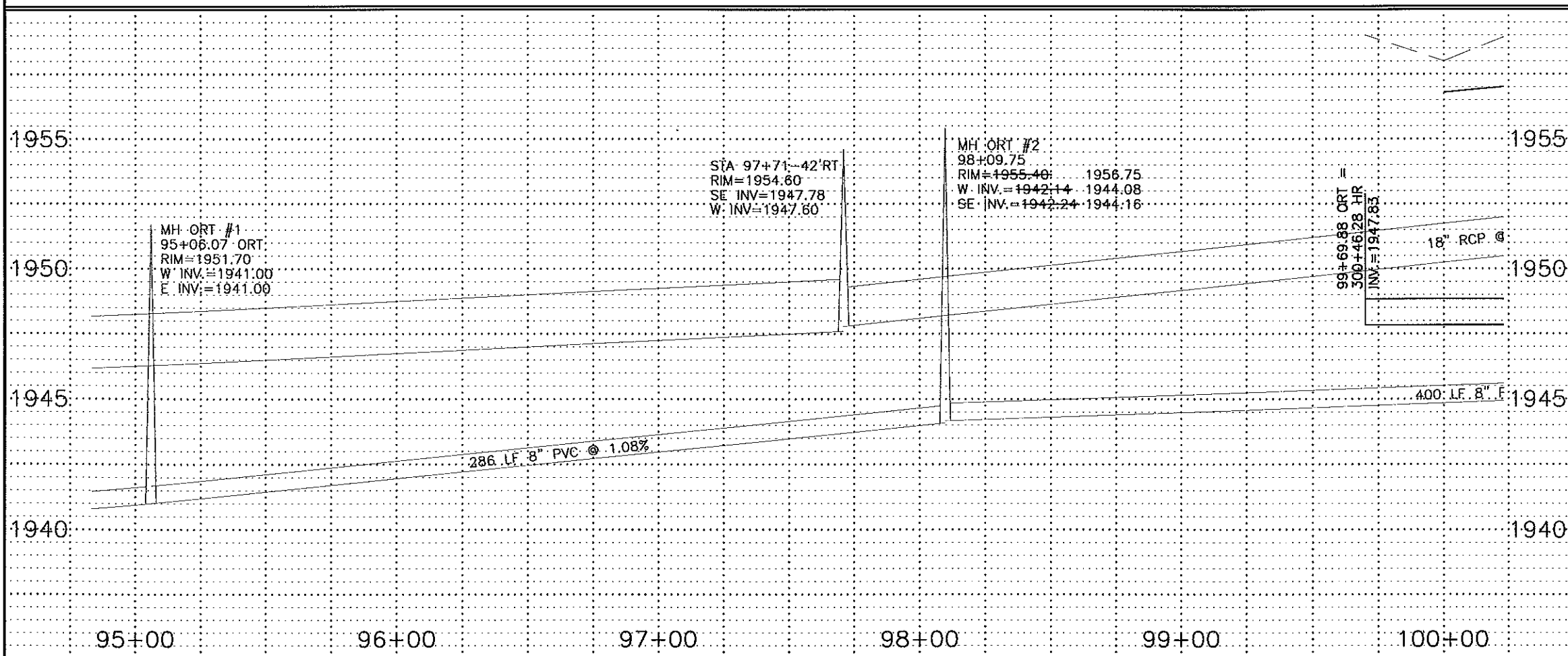
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

HIGHLAND ROAD 375+00 TO 380+00		
SANITARY		
SHEET 42		

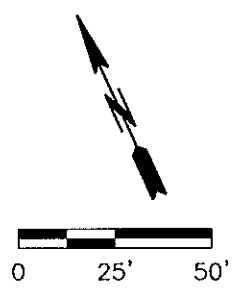
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 - ③ SEED DISTURBED AREAS.



RECORD DRAWINGS
JANUARY 2000

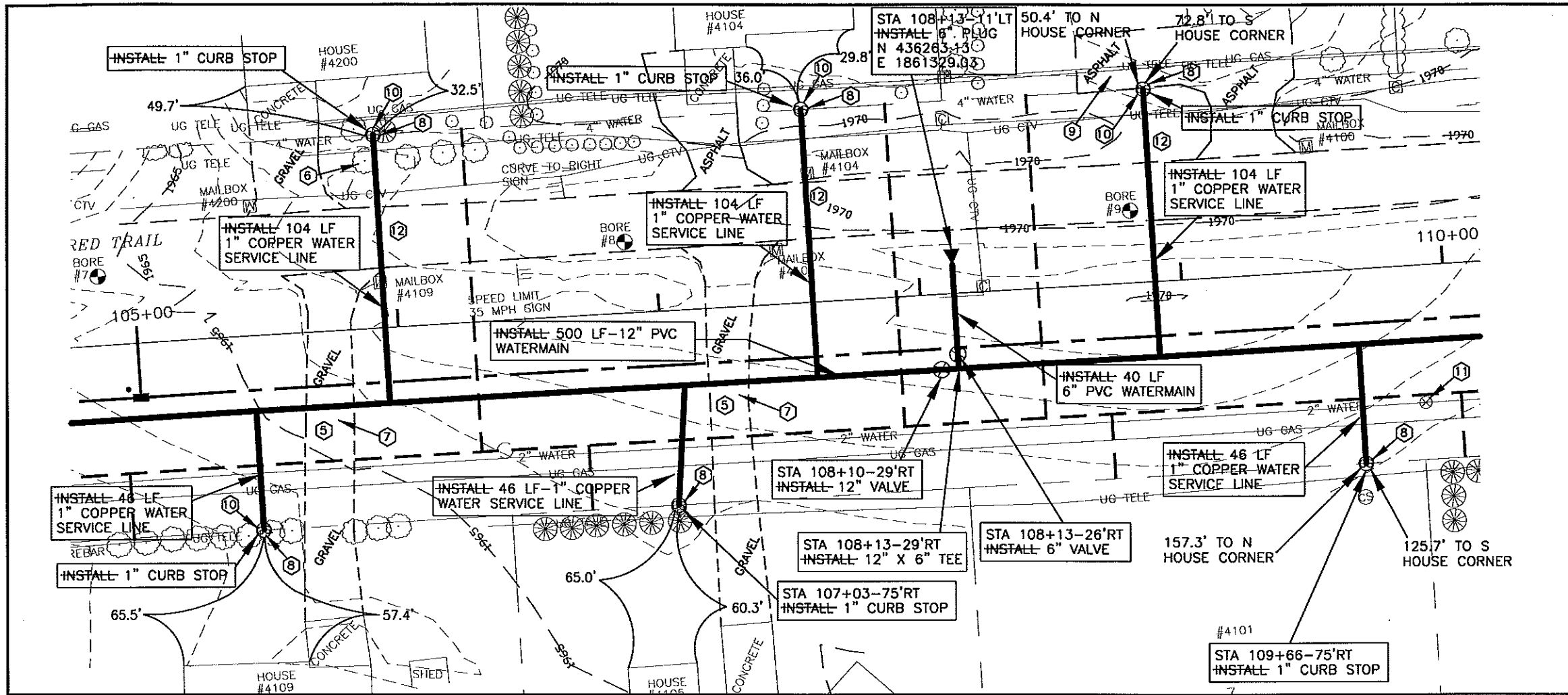


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

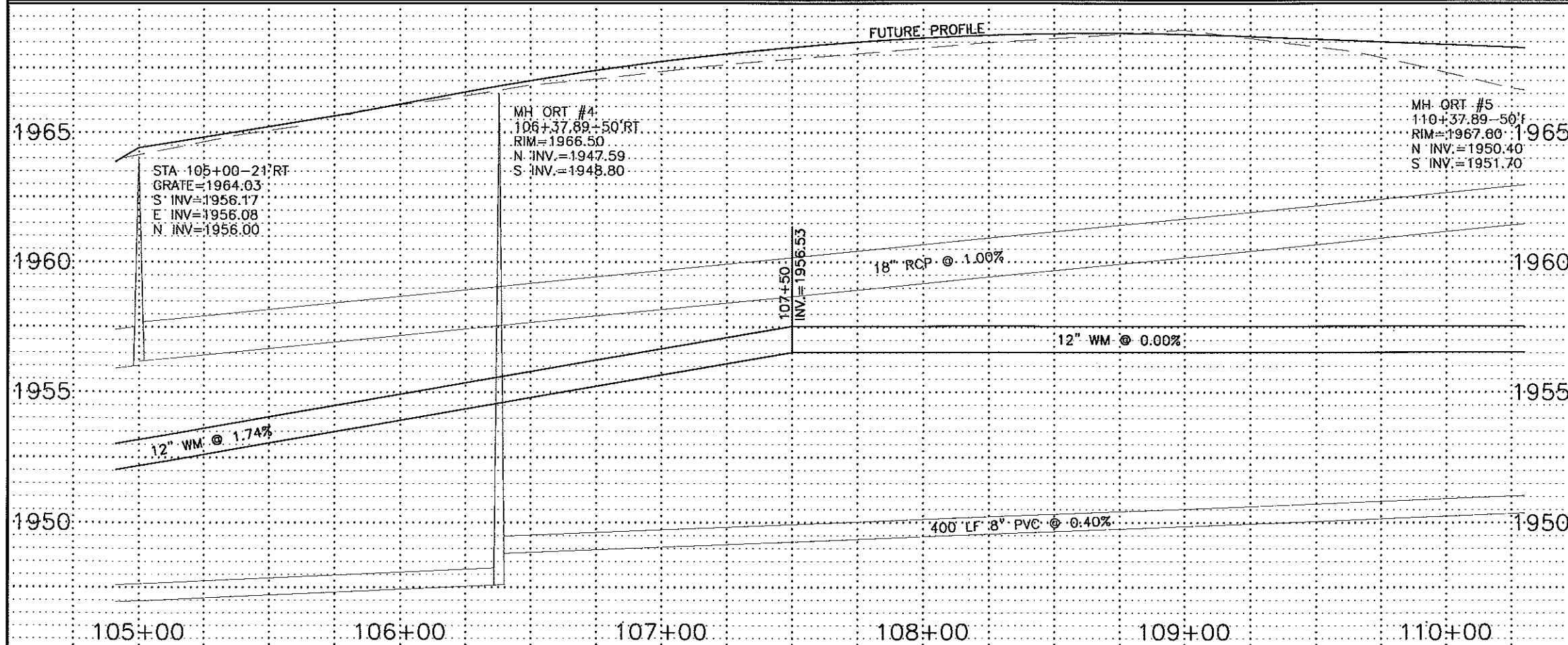
OLD RED TRAIL
STA 99+00 TO 100+00
WATER
SHEET 43



G:\CIVIL\1997\38-892\AS-BUILT\Ort-w-pp.dwg Fri Jan 21 09:39:10 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 CLEAR AND GRUB TREES AND SHRUBS.
 - 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 8 MAKE WATER SERVICE CONNECTION.
 - 9 CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ASPHALT DRIVEWAY. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.
 - 10 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - 11 REMOVE TOP SECTION OF VALVE BOX.
 - 12 REMOVE AND REPLACE ASPHALT PAVEMENT. THICKNESS SHALL BE 3.5". 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.



RECORD DRAWINGS
JANUARY 2000

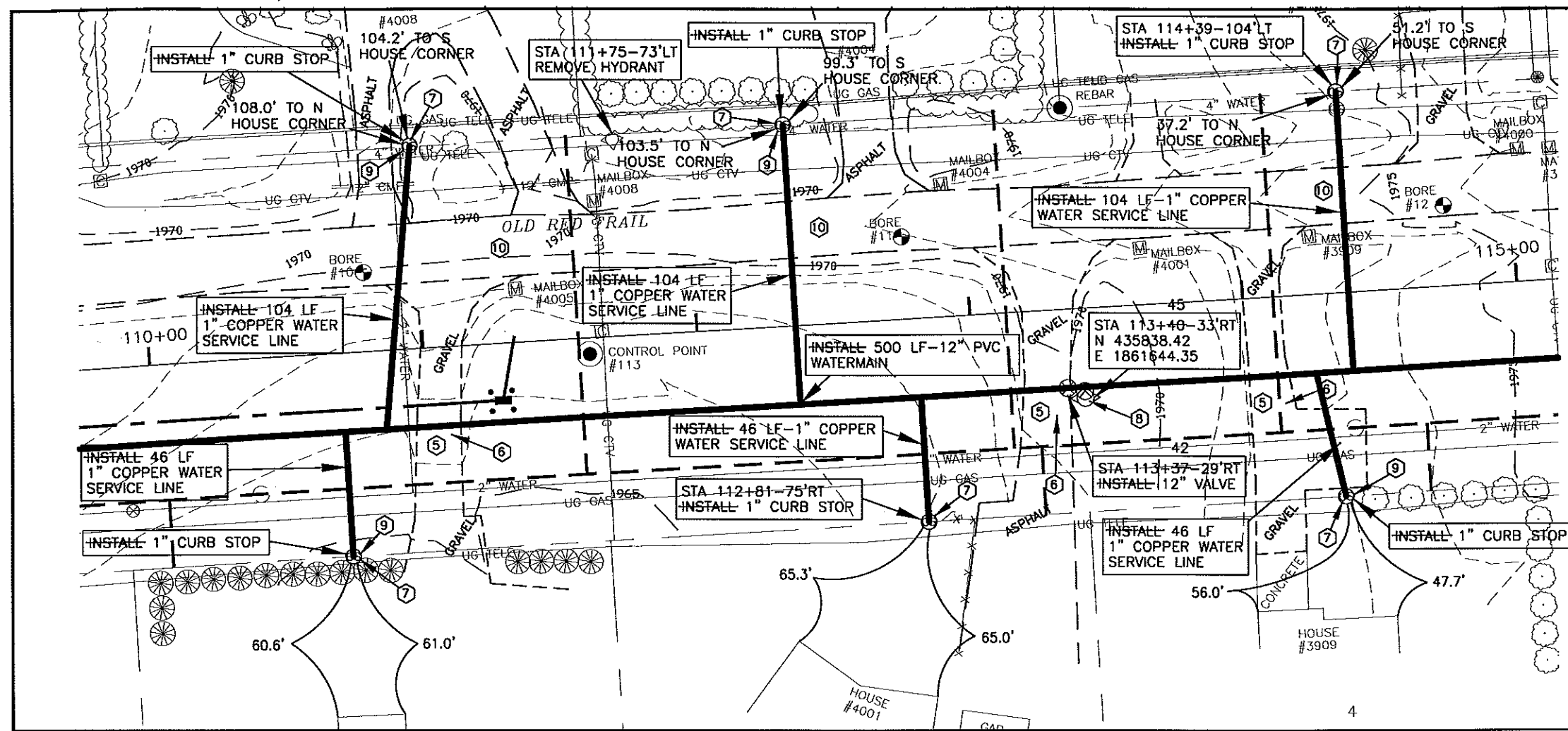
LEGEND

---	SANITARY SEWER
---	STORM SEWER
---	WATER

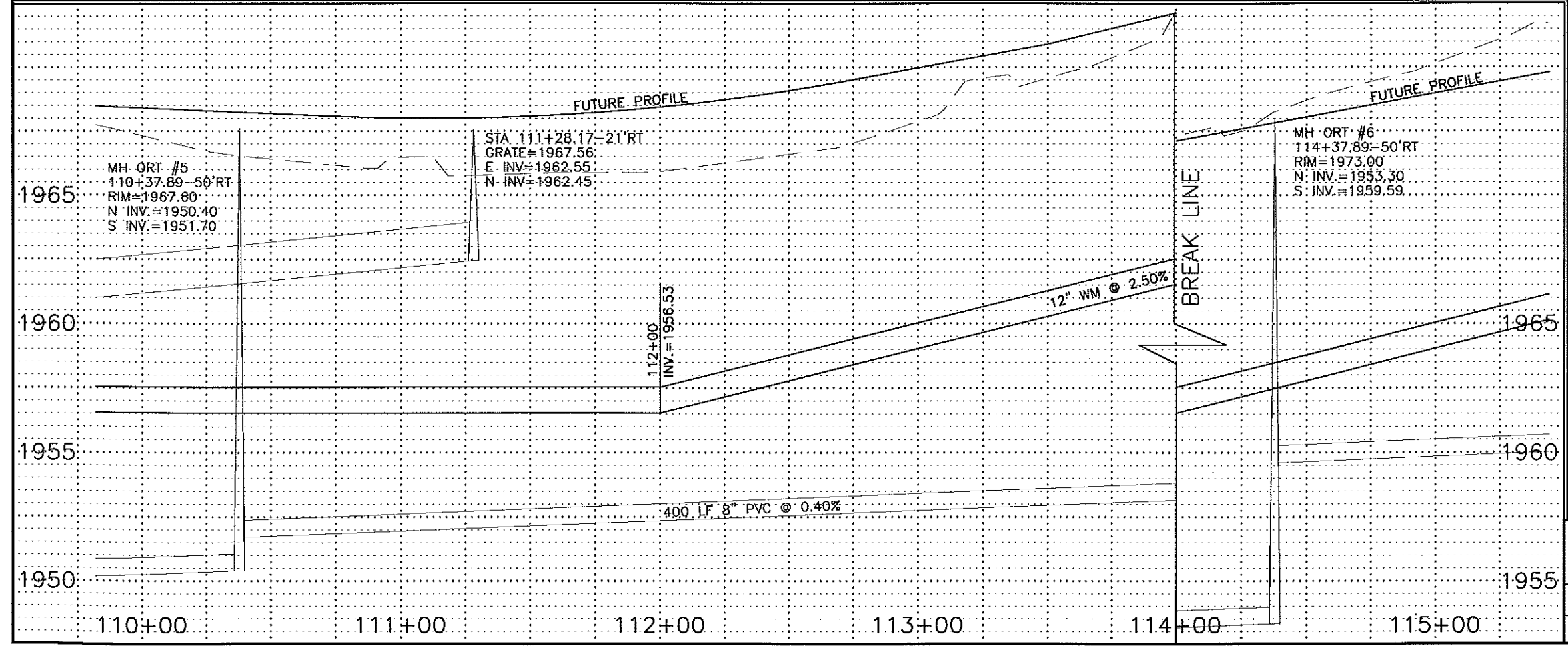
OLD RED TRAIL
STA 105+00 TO 110+00
WATER

SHEET 45

G:\CIVIL\1999\38-8927\AS-BUILT\Ort-w-pp.dwg Fri Jan 21 09:45:34 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 MAKE WATER SERVICE CONNECTION.
 - 8 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "8" HYDRANT".
 - 9 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - 10 REMOVE AND REPLACE ASPHALT PAVEMENT. THICKNESS SHALL BE 3.5". 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.



RECORD DRAWINGS
JANUARY 2000

LEGEND

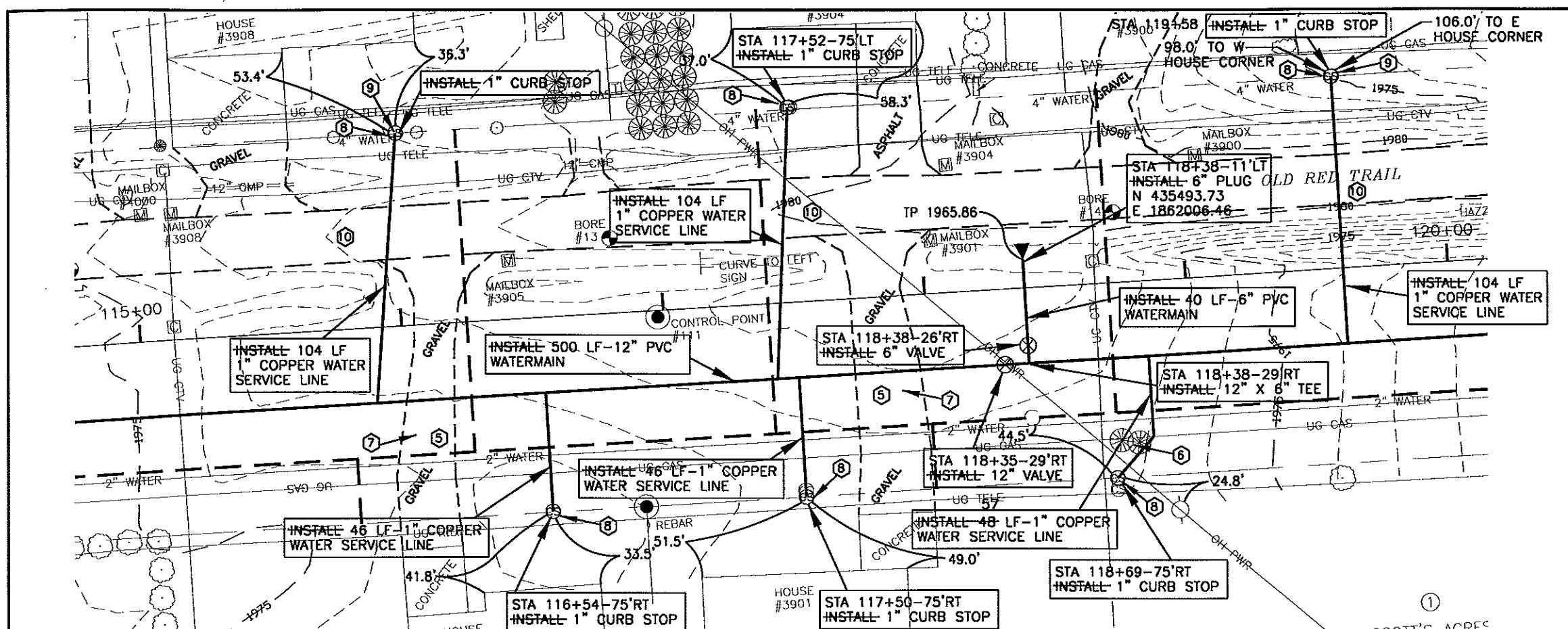
- SANITARY SEWER
- STORM SEWER
- WATER

OLD RED TRAIL
STA 110+00 TO 115+00

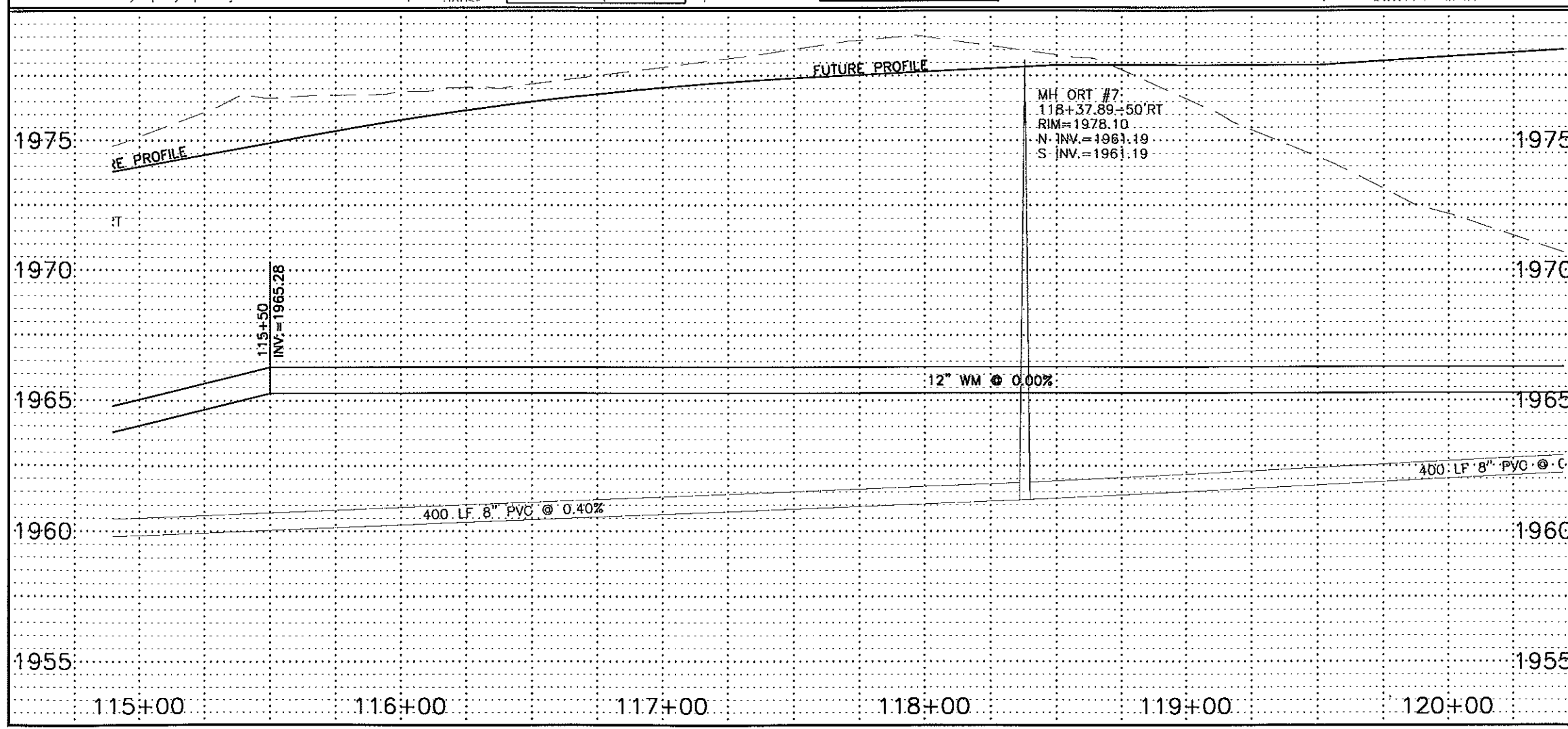
WATER

SHEET 46

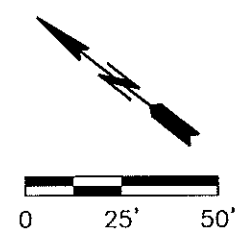
G:\CIVIL\1999\98-8927\AS-BUILT\ort-w-pp.dwg Thu Feb 03 14:33:50 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - ④ SEED DISTURBED AREAS.
 - ⑤ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑥ CLEAR AND GRUB TREES AND SHRUBS.
 - ⑦ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑧ MAKE WATER SERVICE CONNECTION.
 - ⑨ EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - ⑩ REMOVE AND REPLACE ASPHALT PAVEMENT. THICKNESS SHALL BE 3.5". 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.




RECORD DRAWINGS
JANUARY 2000

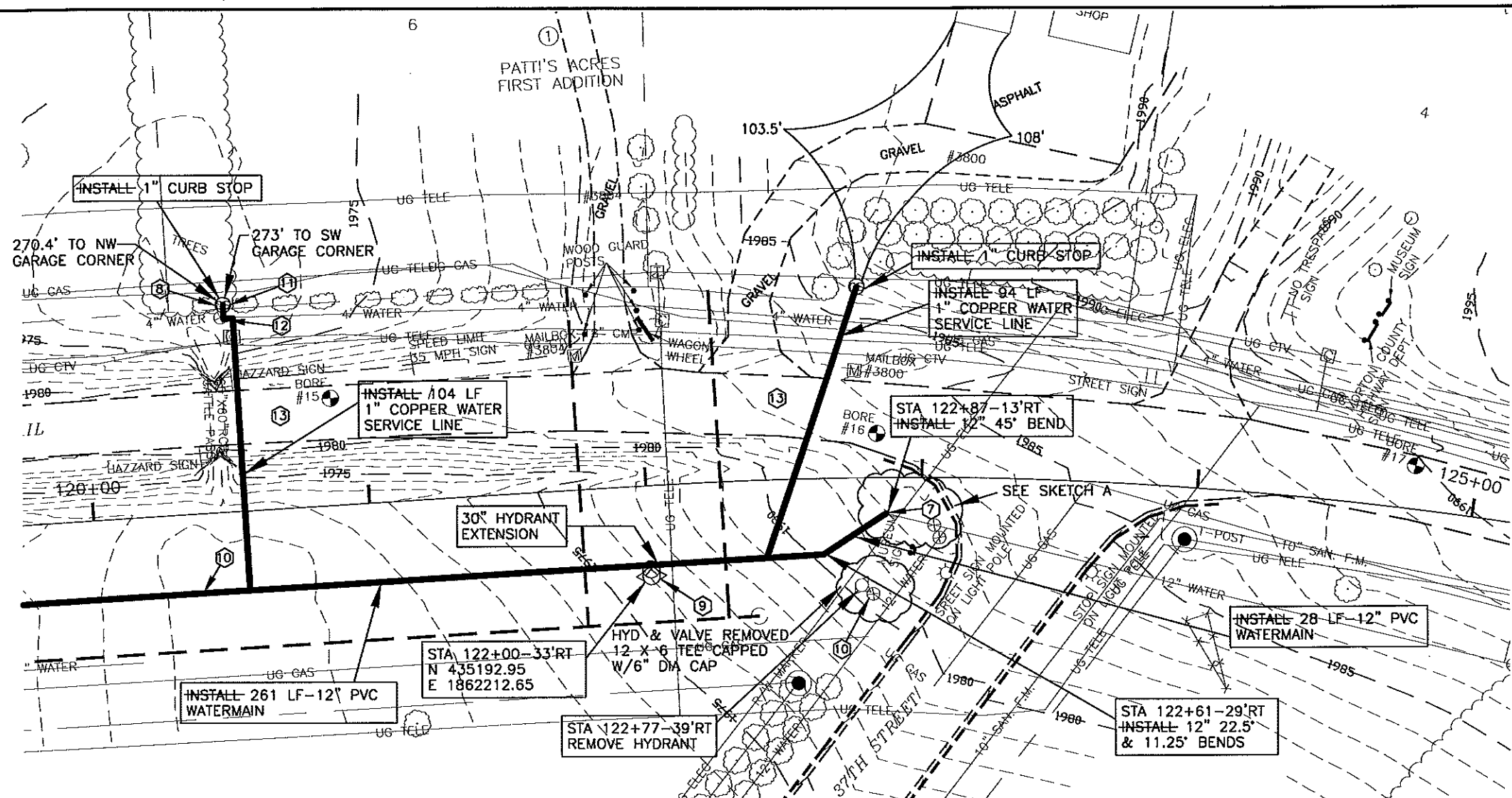


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

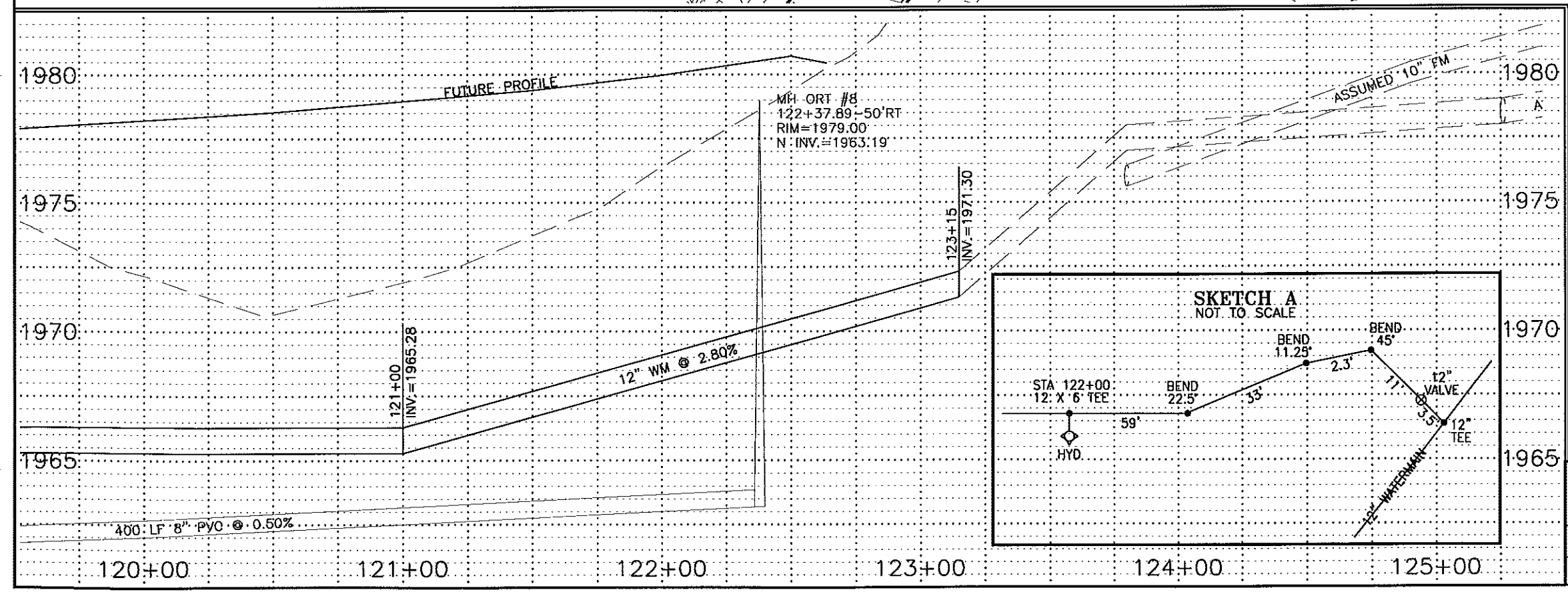
OLD RED TRAIL	
STA 115+00 TO 120+00	
WATER	
SHEET 47	



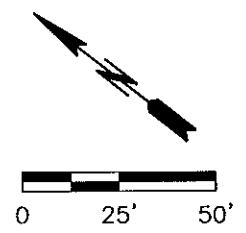
G:\CIVIL\1999\38-8927\AS-BUILT\Ort-w-pp.dwg Fri Jan 21 09:46:47 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - ④ SEED DISTURBED AREAS.
 - ⑤ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND EXISTING WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑥ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑦ INSTALL FITTINGS AND COUPLINGS AS REQUIRED TO CONNECT EXISTING WATERMAIN TO NEW WATERMAIN.
 - ⑧ MAKE WATER SERVICE CONNECTION.
 - ⑨ INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - ⑩ FILL AREA OVER WATERMAIN AS DIRECTED BY ENGINEER IN THE FIELD.
 - ⑪ EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - ⑫ REMOVE TOP SECTION OF VALVE BOX.
 - ⑬ REMOVE AND REPLACE ASPHALT PAVEMENT. THICKNESS SHALL BE 3.5". 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.



RECORD DRAWINGS
JANUARY 2000

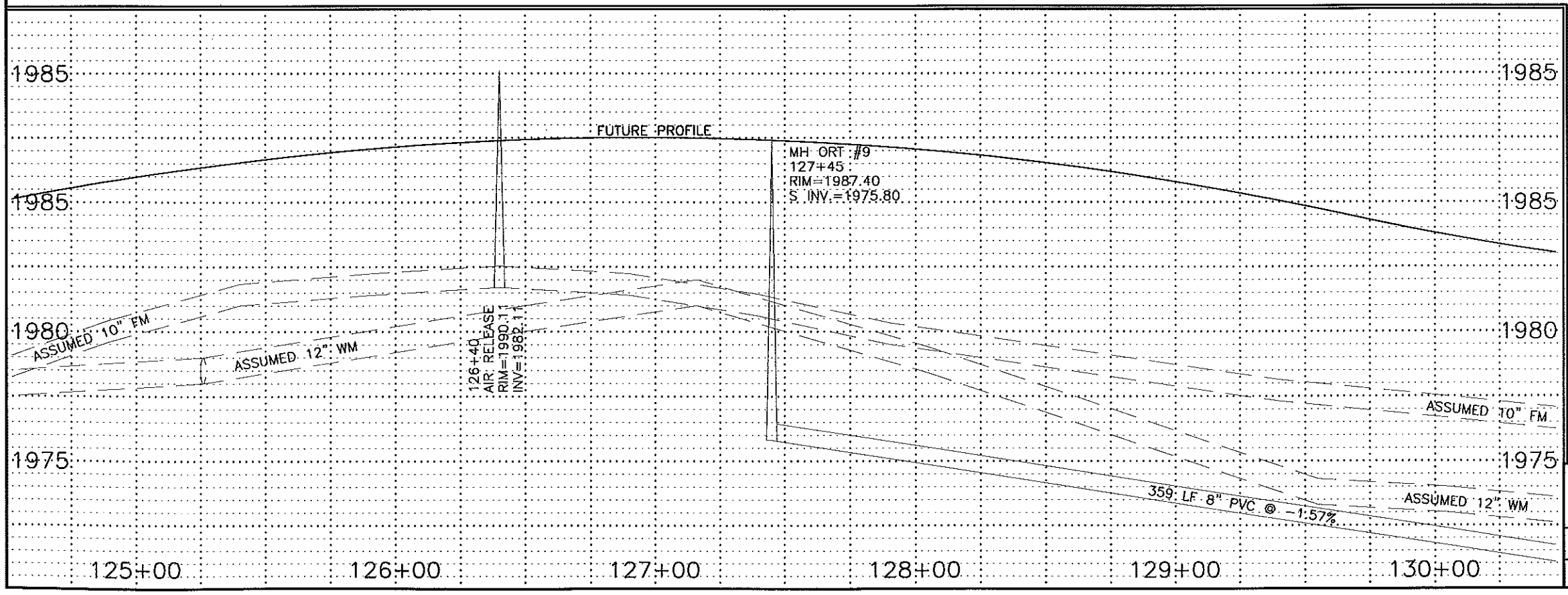
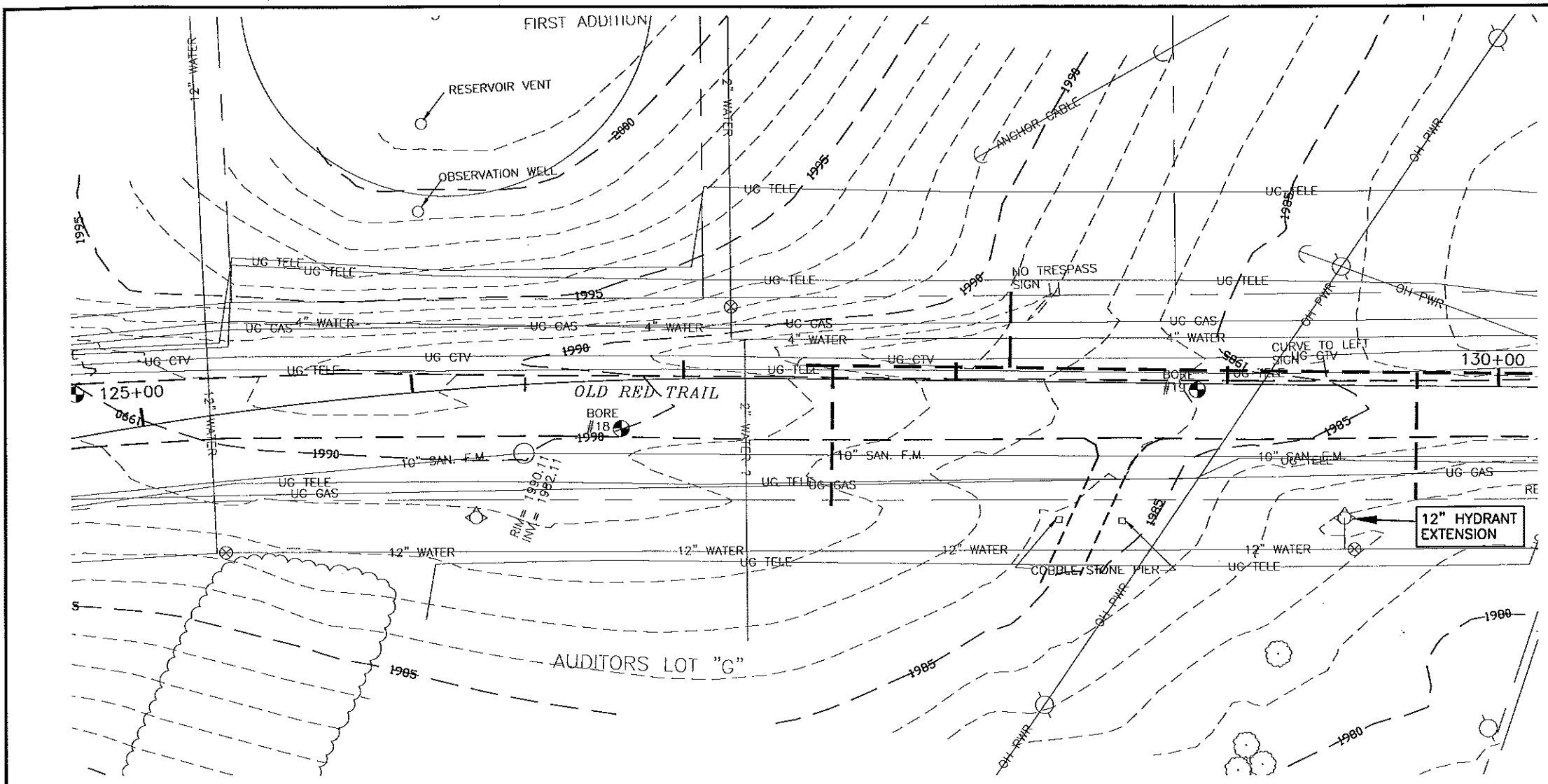


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

OLD RED TRAIL
STA 120+00 TO 125+00
WATER
SHEET 48



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RECORD DRAWINGS
JANUARY 2000

LEGEND

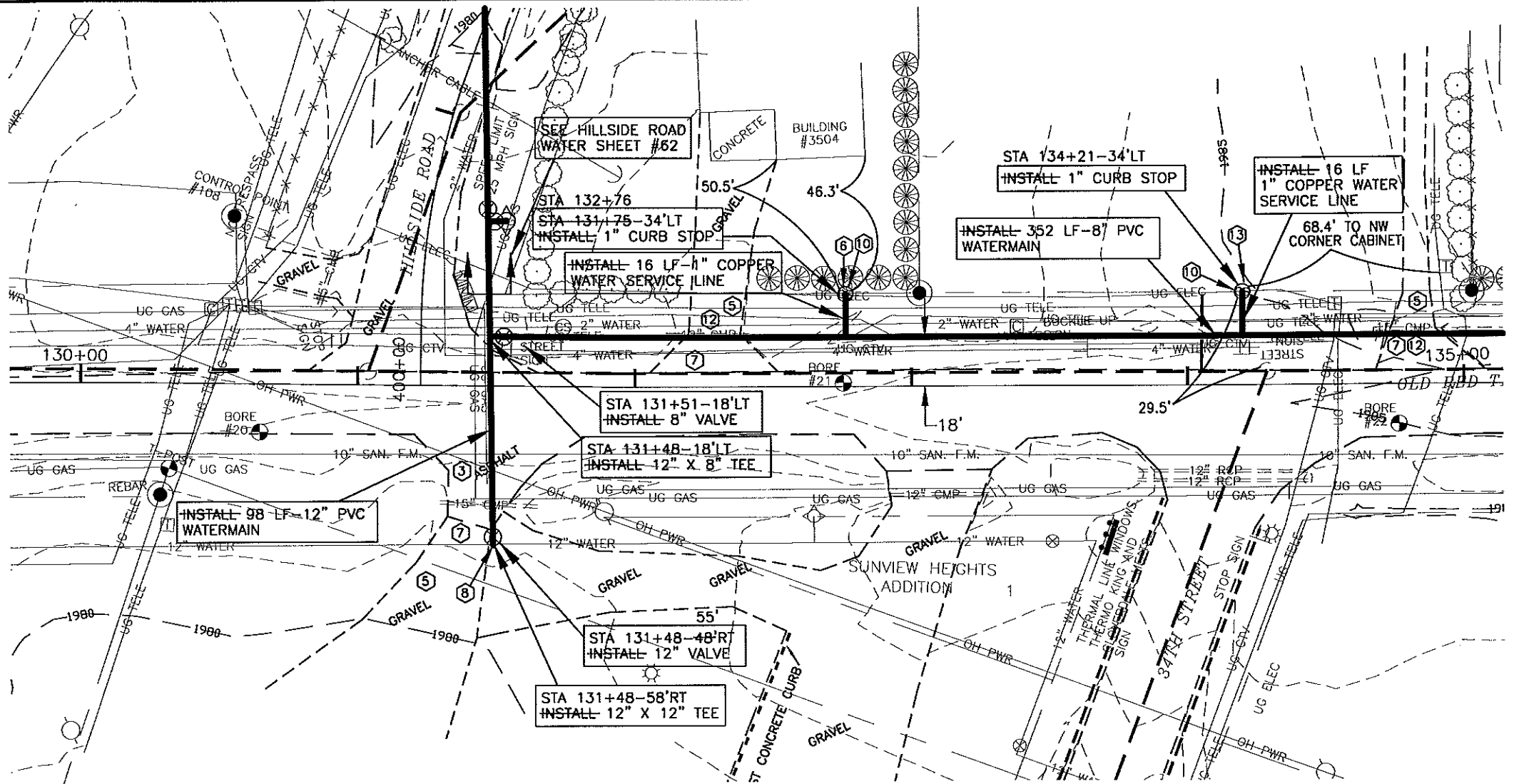
	SANITARY SEWER
	STORM SEWER
	WATER

OLD RED TRAIL
STA 125+00 TO 130+00

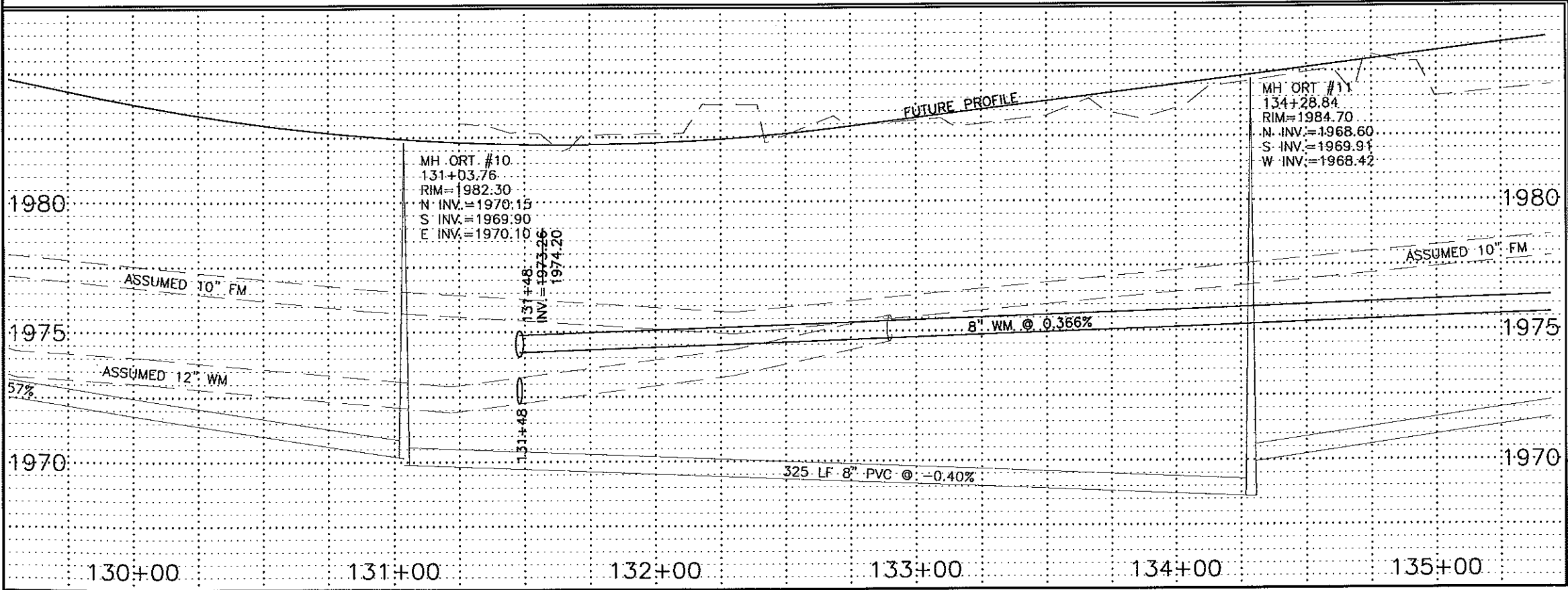
WATER

SHEET 49

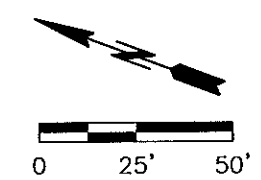
G:\CIVIL\1997\98-8927\AS-BUILT\ort-w-pp.dwg Fri Jan 21 10:01:53 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 CLEAR AND GRUB TREES AND SHRUBS.
 - 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 8 INSTALL FITTINGS AND COUPLINGS AS REQUIRED TO CONNECT EXISTING WATERMAIN TO NEW WATERMAIN.
 - 10 MAKE WATER SERVICE CONNECTION.
 - 11 ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.
 - 12 REMOVE EXISTING CULVERT.
 - 13 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.



RECORD DRAWINGS
JANUARY 2000

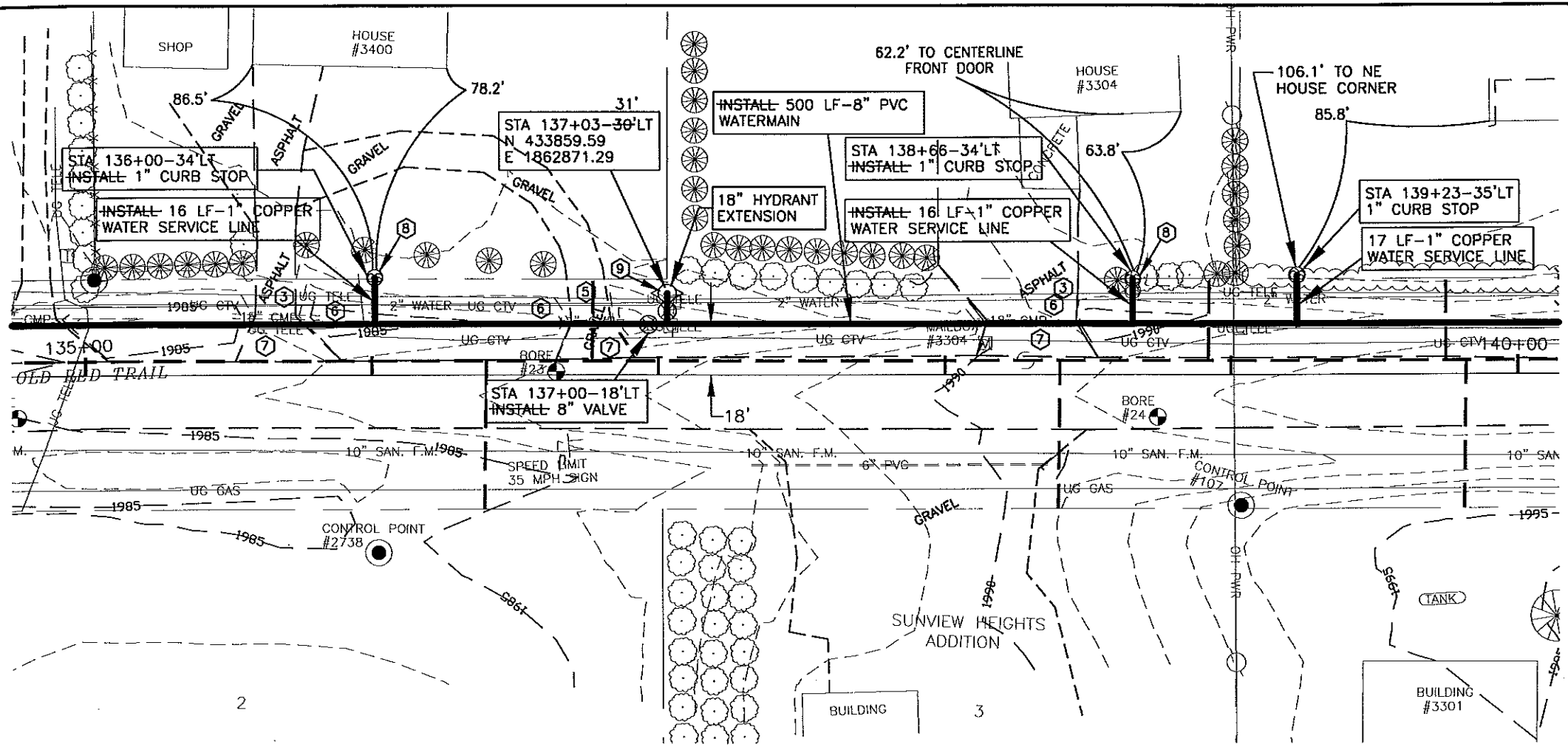


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

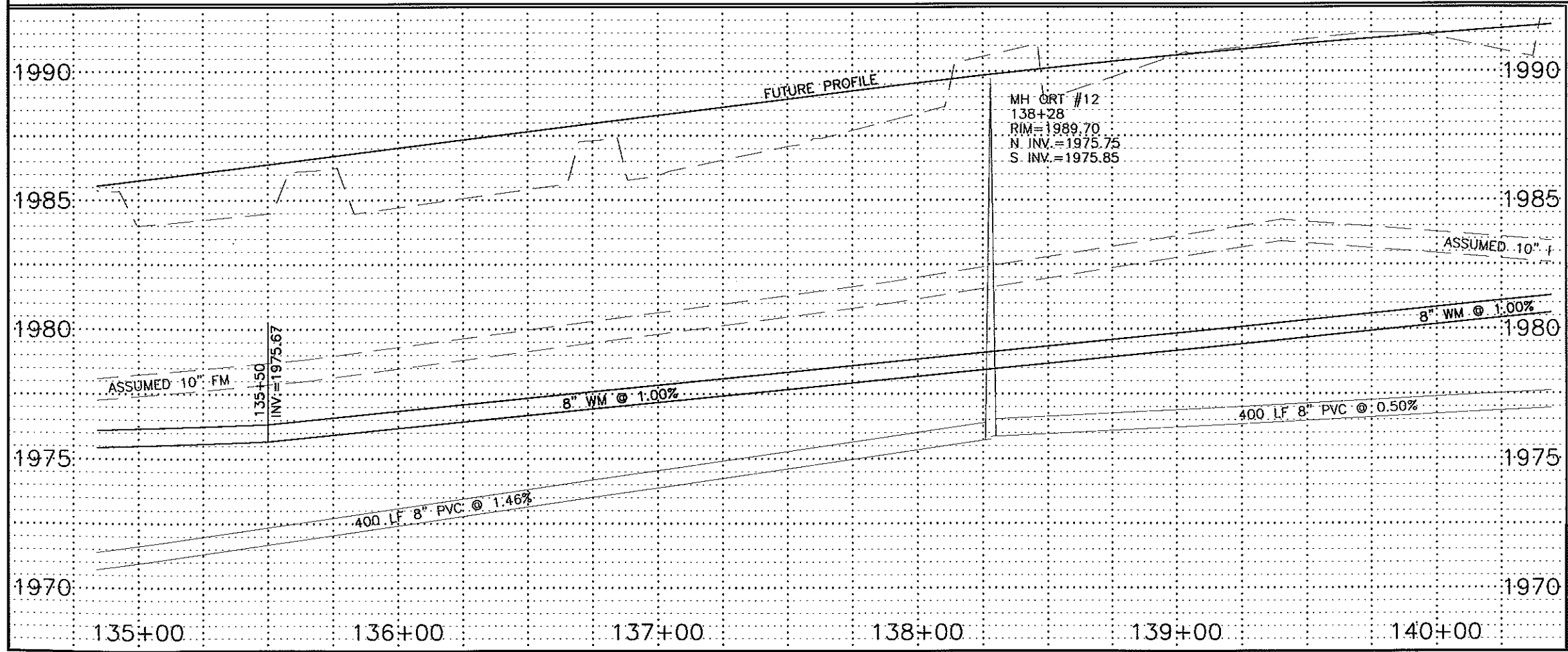
OLD RED TRAIL
STA 130+00 TO 135+00
WATER
SHEET 50



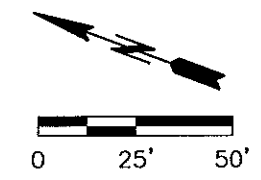
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- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 REMOVE EXISTING CULVERT.
 - 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 8 MAKE WATER SERVICE CONNECTION.
 - 9 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 10 ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.



RECORD DRAWINGS
JANUARY 2000

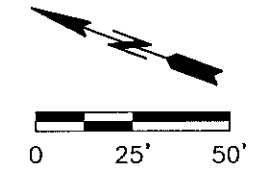
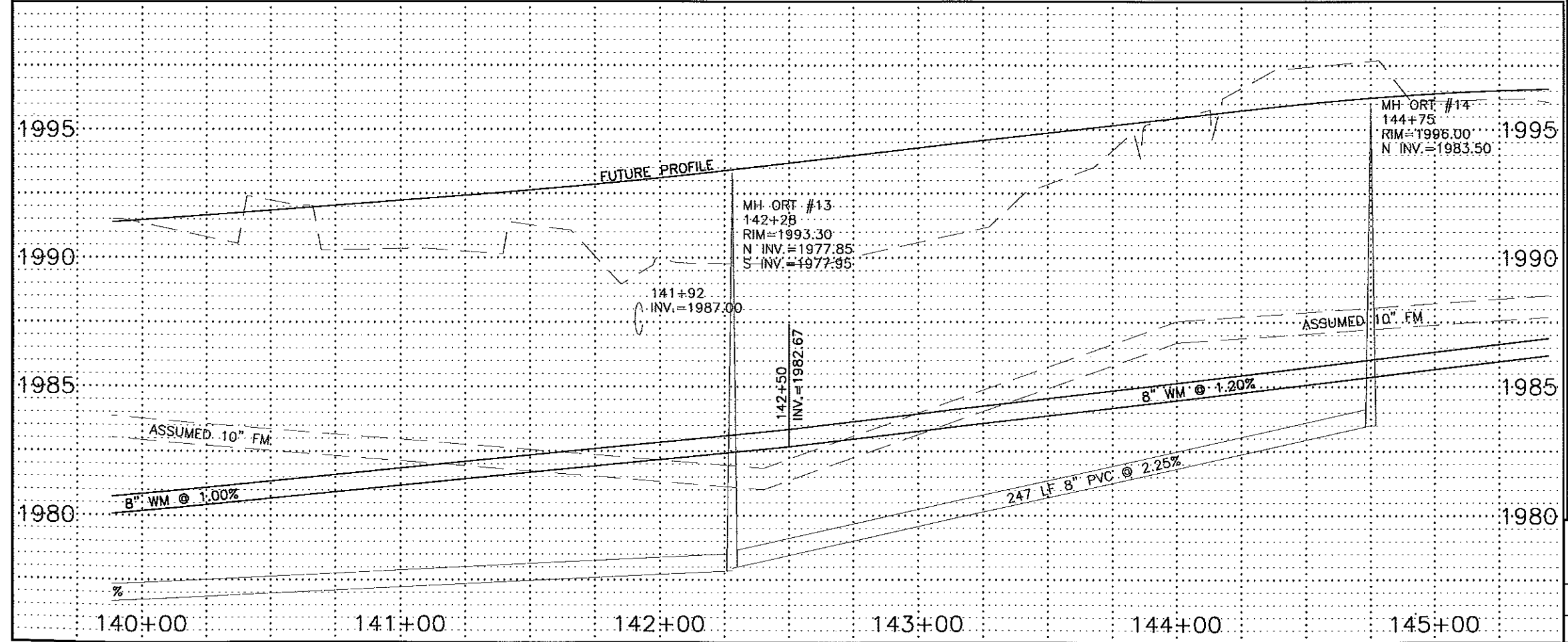
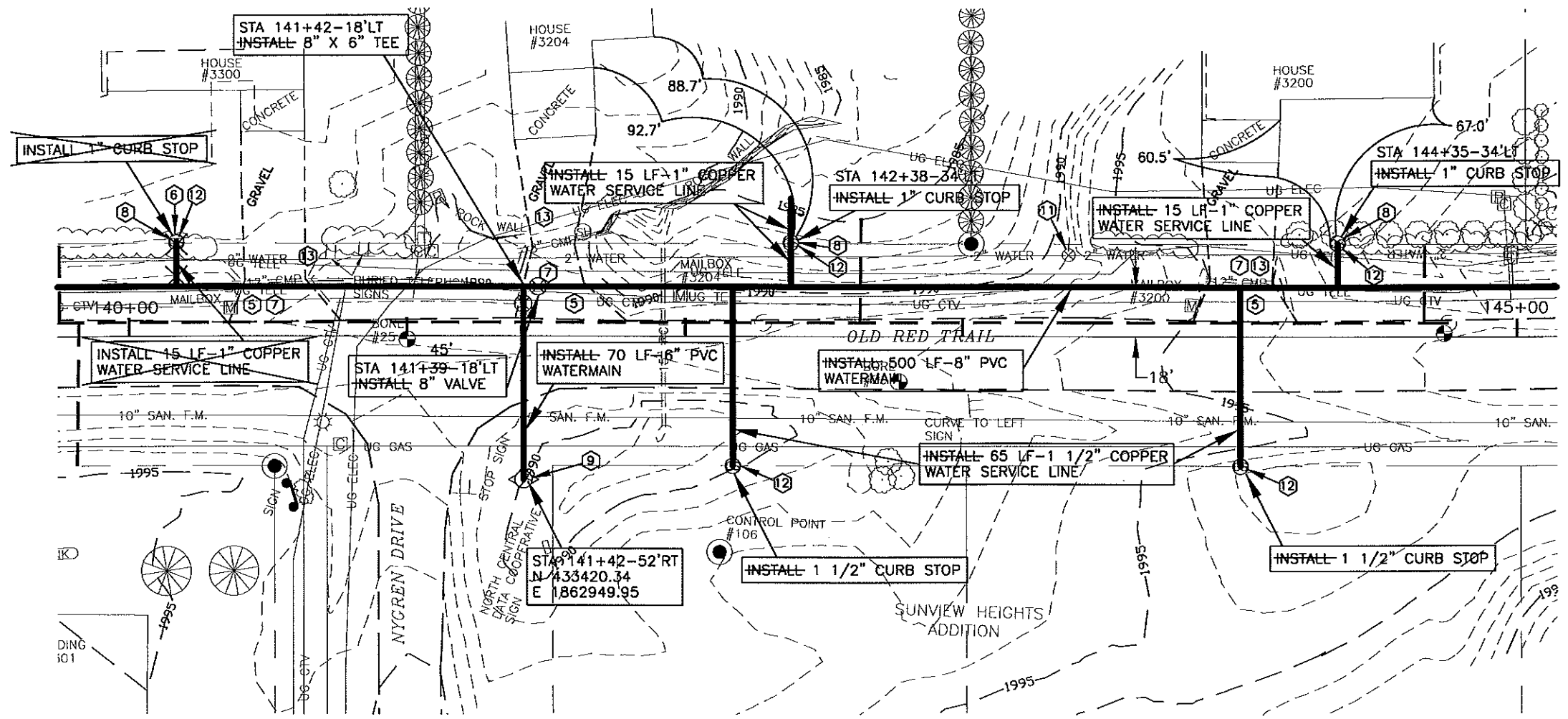


- LEGEND**
- SANITARY SEWER
 - - - STORM SEWER
 - WATER

OLD RED TRAIL
STA 135+00 TO 140+00
WATER
SHEET 51



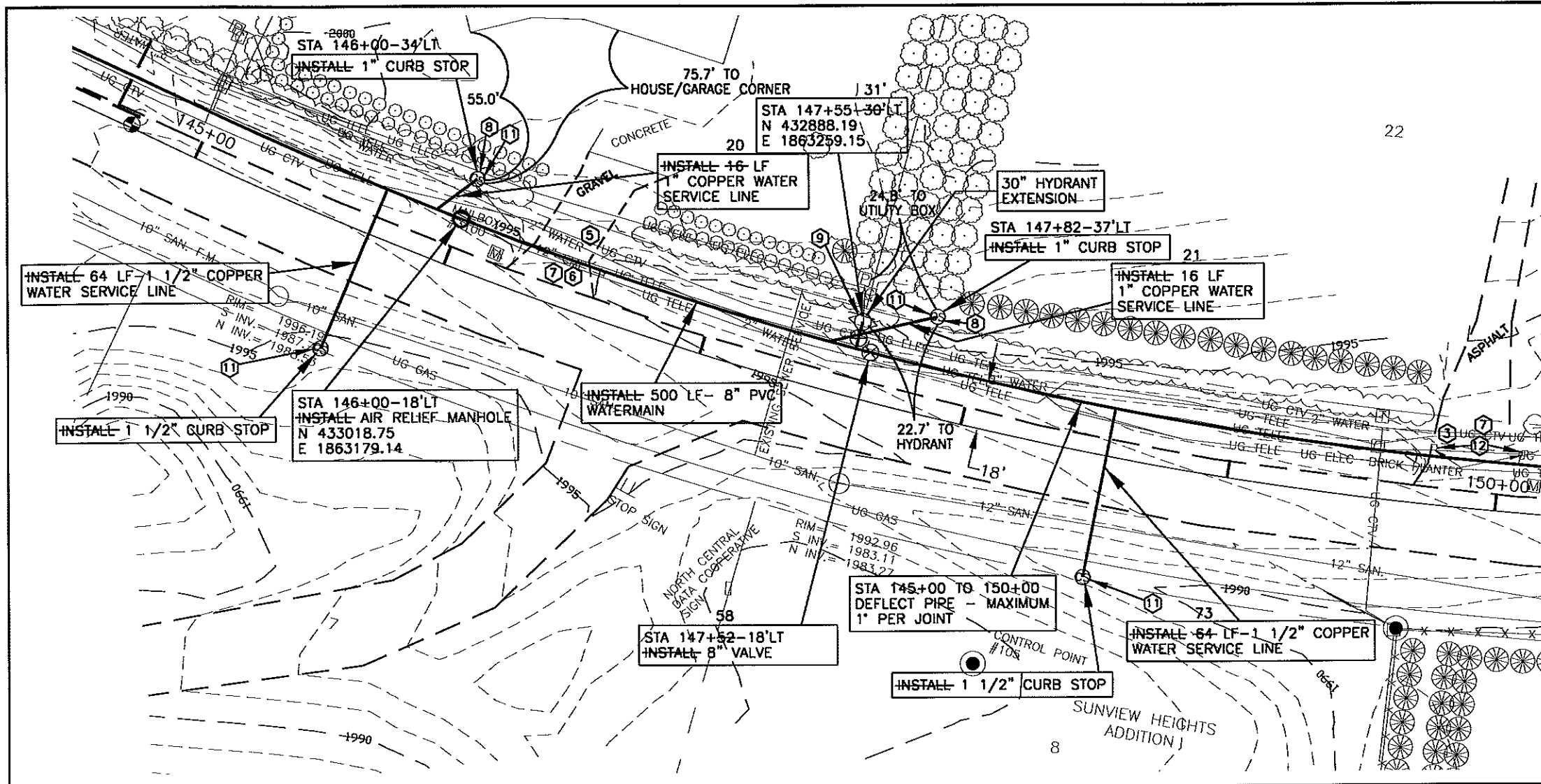
G:\CIVIL\1997\98-8927\AS-BUILT\Ort-w-pp.dwg Fri Jan 21 10:08:05 2000



- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

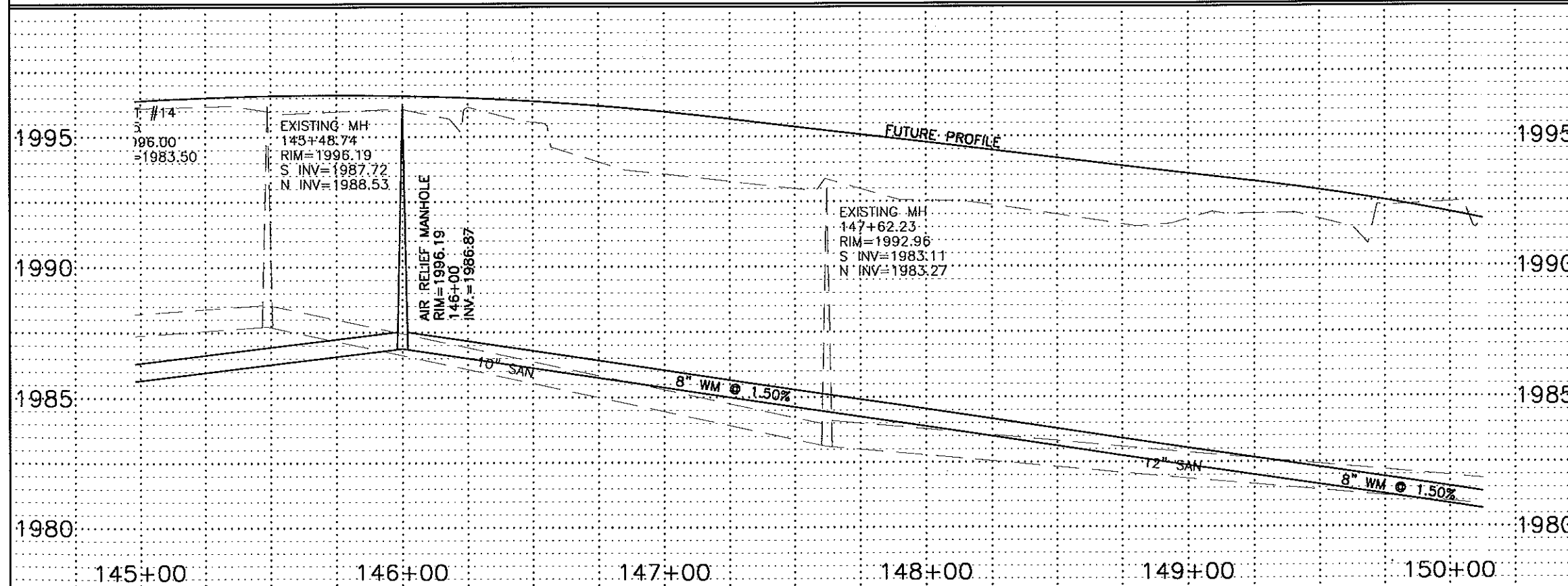
OLD RED TRAIL
STA 140+00 TO 145+00
WATER
SHEET 52



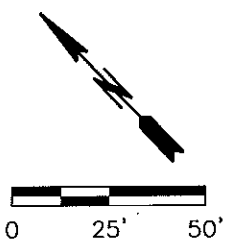


CONSTRUCTION NOTES:

- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
- 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
- 4 SEED DISTURBED AREAS.
- 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
- 6 REMOVE EXISTING CULVERT.
- 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
- 8 MAKE WATER SERVICE CONNECTION.
- 9 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
- 10 ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.
- 11 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
- 12 CONTRACTOR SHALL DISCONNECT POWER TO LIGHT POLES IN TWO BRICK PLANTERS AT 149+75 LT. & 150+10 LT. AND SHALL REMOVE AND DISPOSE OF PLANTERS, CONCRETE FOUNDATIONS, LIGHT POLES AND OTHER MISCELLANEOUS ITEMS ENTIRELY. ALL COSTS SHALL BE INCLUDED IN CLEARING AND GRUBBING.




RECORD DRAWINGS
JANUARY 2000

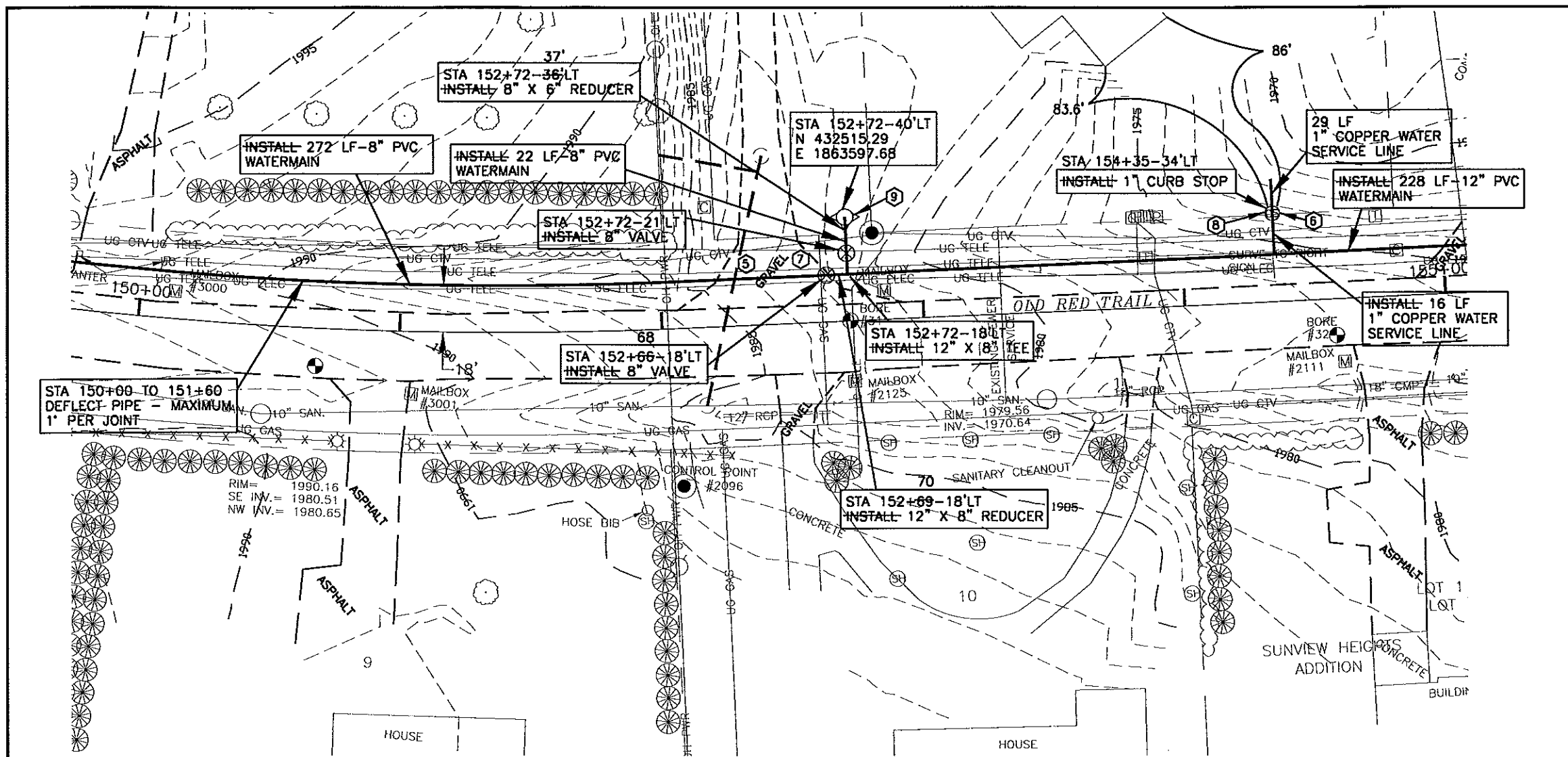


LEGEND
 --- SANITARY SEWER
 --- STORM SEWER
 --- WATER

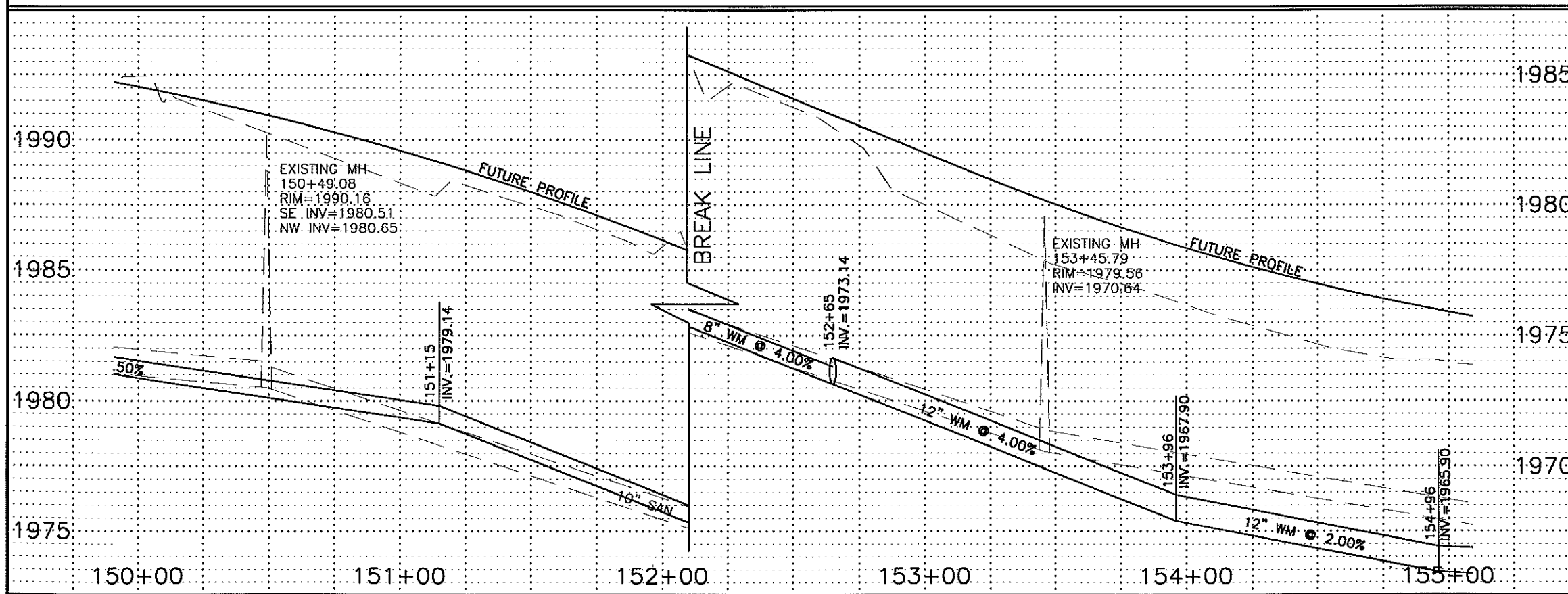
ADDENDUM #1 - APRIL 12, 1999

OLD RED TRAIL	
STA 145+00 TO 150+00	
WATER	
SHEET 53*	

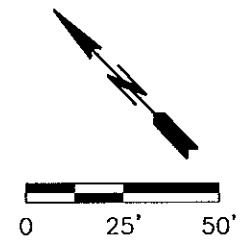




- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 8 MAKE WATER SERVICE CONNECTION.
 - 9 INSTALL 8" HYDRANT, THRUST BLOCKING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 10 ALL UTILITIES WITHIN NEW PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACING TOP LIFT OF ASPHALT.




RECORD DRAWINGS
JANUARY 2000

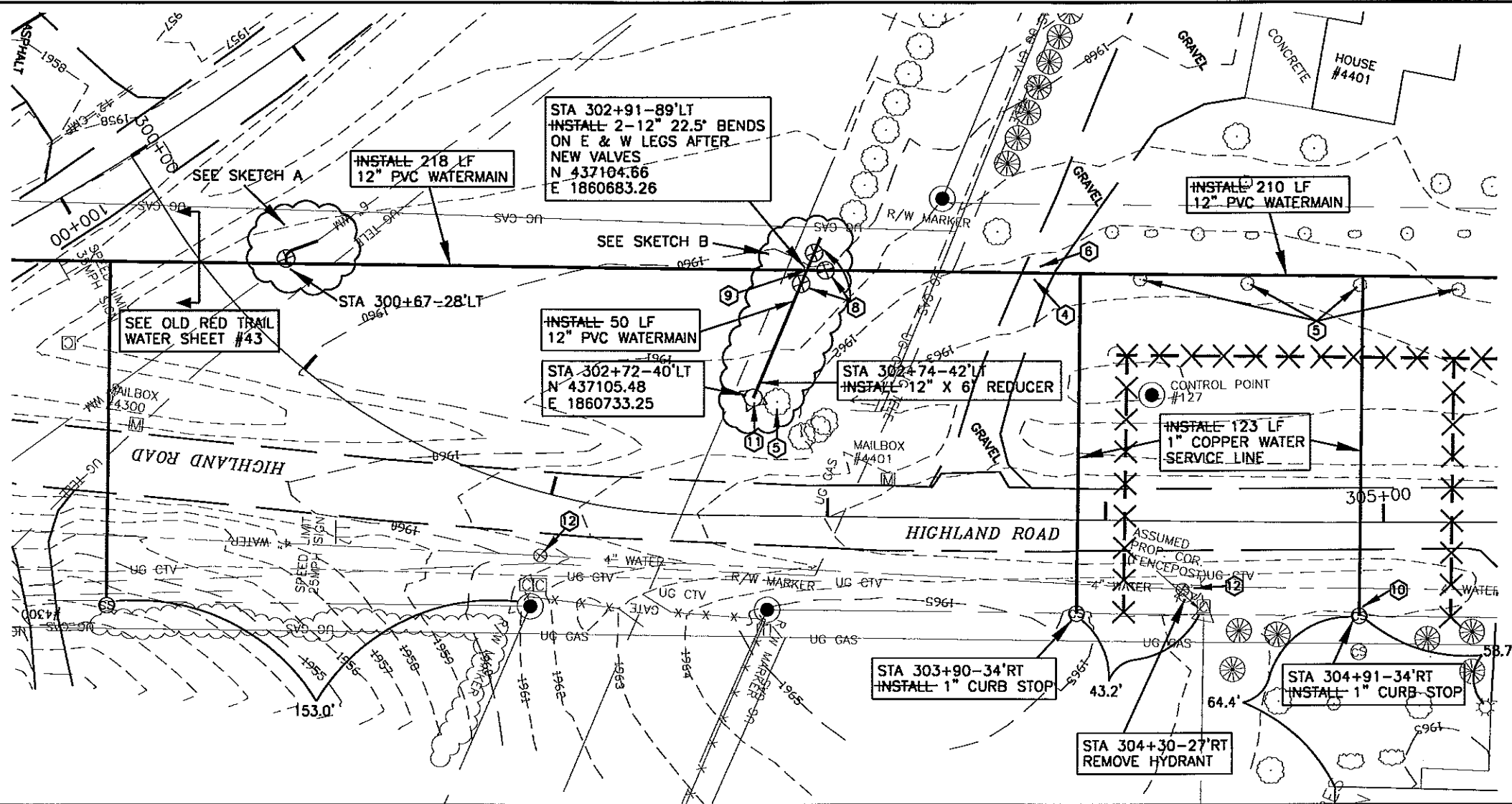


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

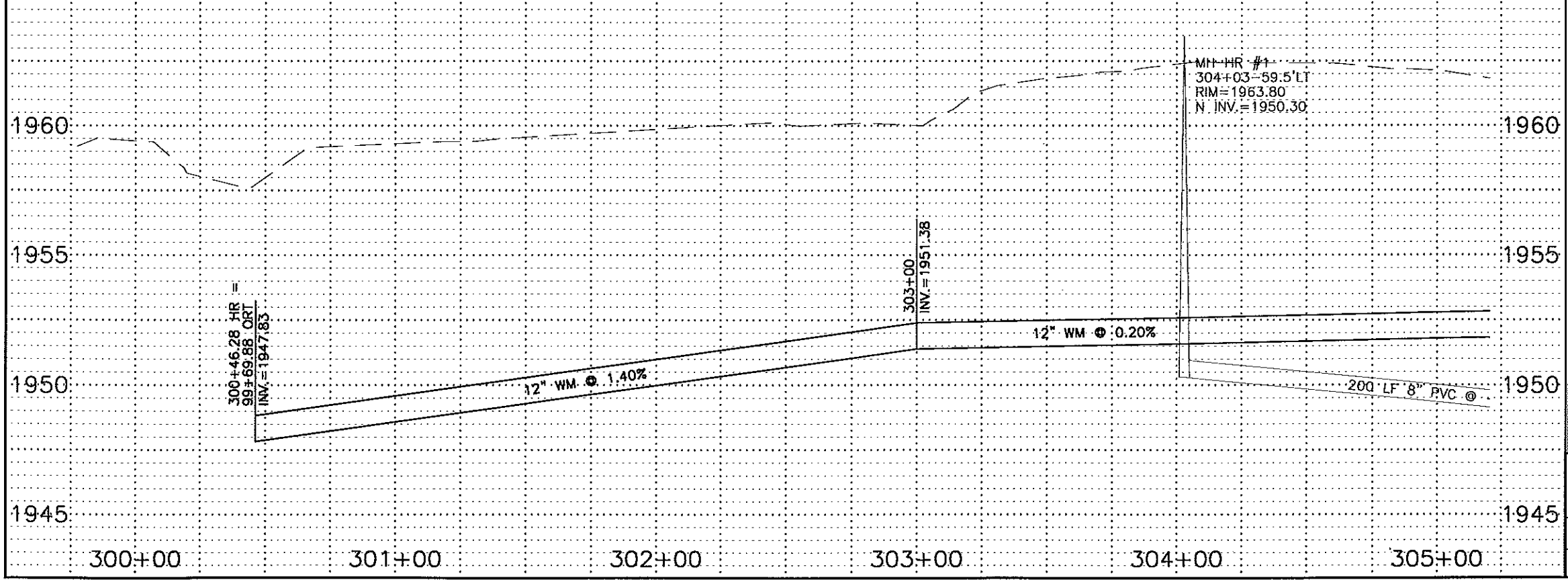
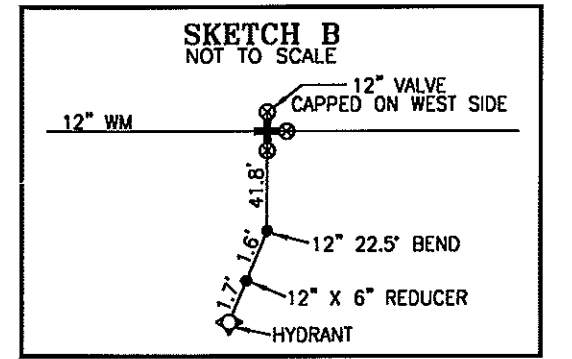
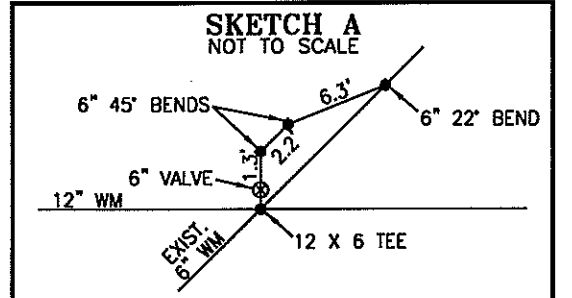
OLD RED TRAIL	
STA 150+00 TO 155+00	
WATER	
SHEET 54	



G:\CIVIL\1998\98-8927\AS-BUILT\Wat-pp.dwg Thu Feb 03 15:12:35 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 CLEAR AND GRUB TREES AND SHRUBS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 INSTALL FITTINGS AND COUPLINGS AS REQUIRED TO CONNECT EXISTING WATERMAIN TO NEW WATERMAIN.
 - 8 INSTALL 12" VALVE.
 - 9 INSTALL 12" X 12" CROSS.
 - 10 MAKE WATER SERVICE CONNECTION.
 - 11 INSTALL 6" HYDRANT, THRUST BLOCKING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 12 REMOVE TOP SECTION OF VALVE BOX.



RECORD DRAWINGS
JANUARY 2000

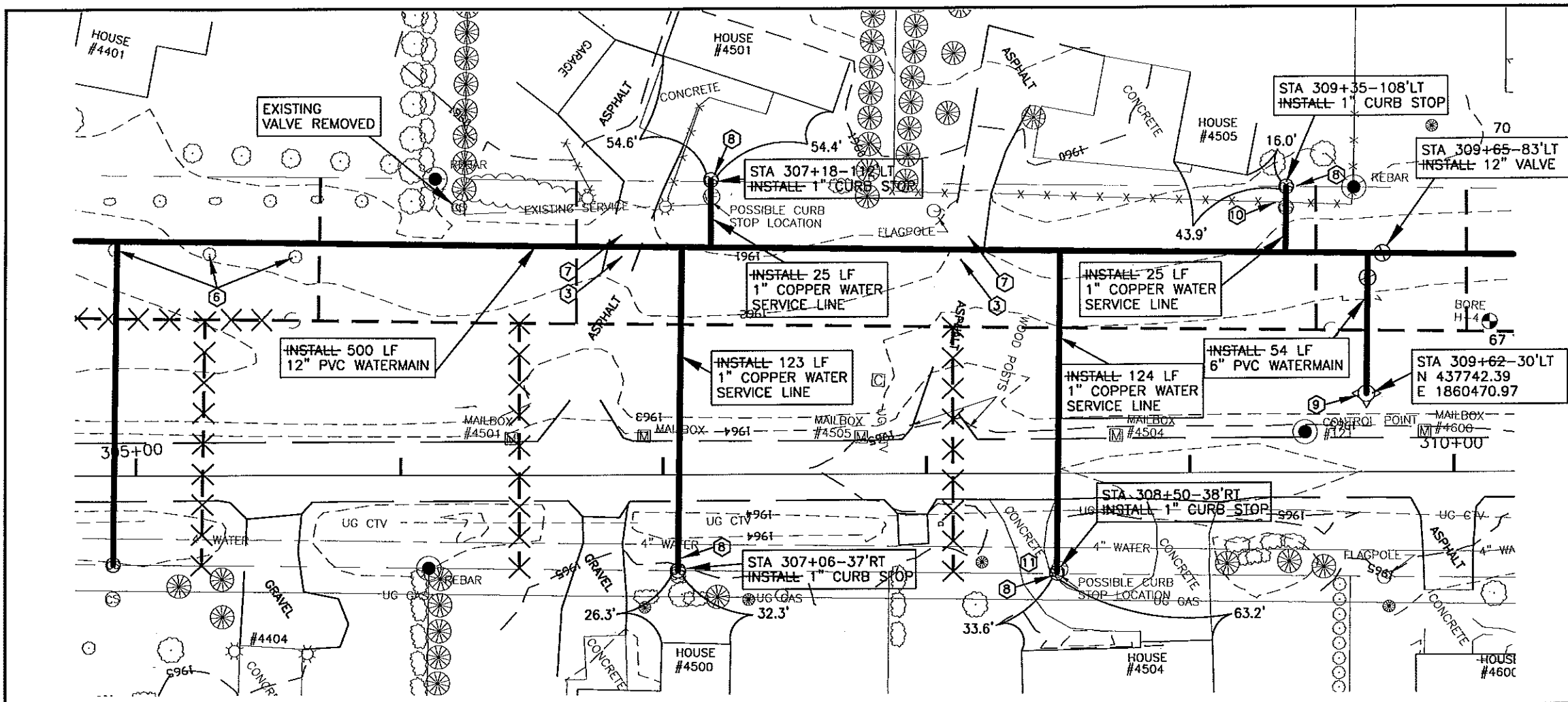
LEGEND

- SANITARY SEWER
- STORM SEWER
- WATER

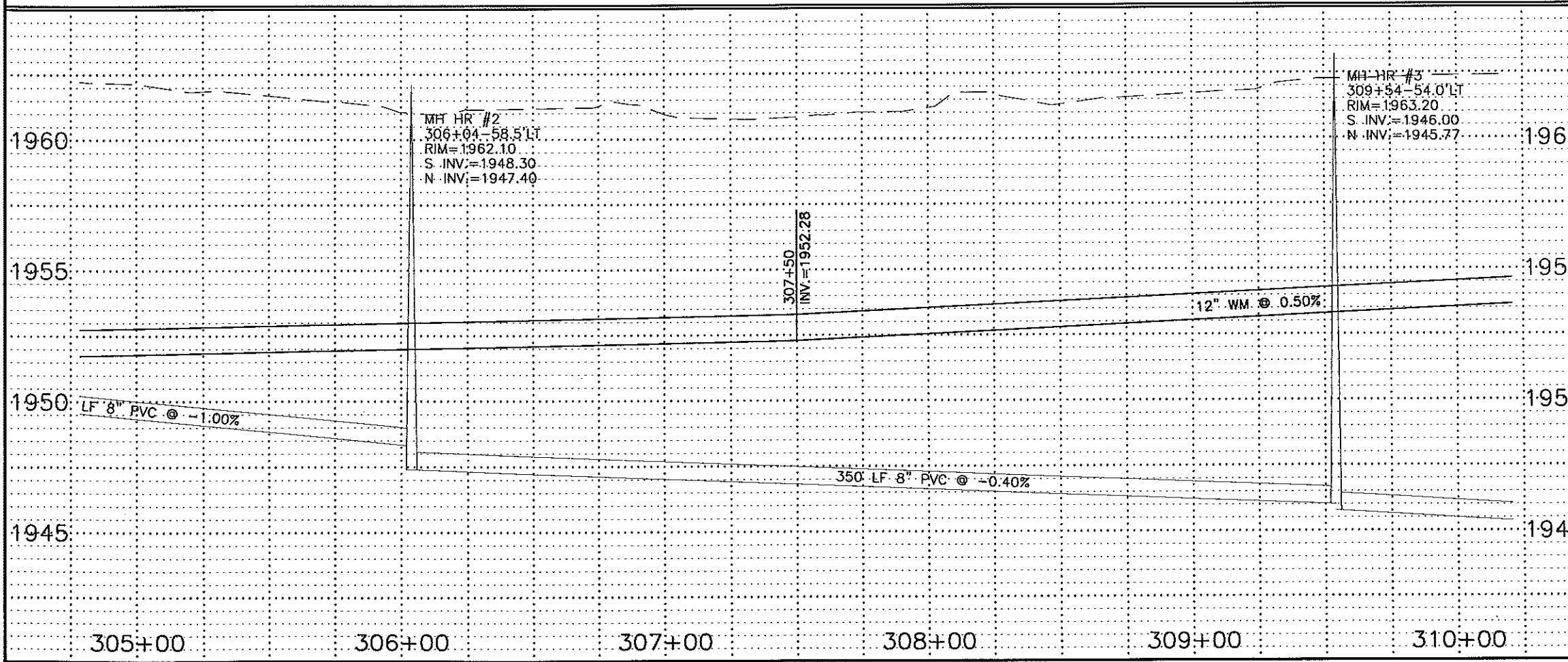
HIGHLAND ROAD
STA 300+00 TO 305+00

WATER

SHEET 56



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING.
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 CLEAR AND GRUB TREES AND SHRUBS.
 - 7 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 8 MAKE WATER SERVICE CONNECTION.
 - 9 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 10 REMOVE AND REPLACE SPLIT RAIL WOOD FENCE TO FACILITATE SERVICE INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.
 - 11 CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT CONCRETE DRIVEWAY. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTORS' RESPONSIBILITY.

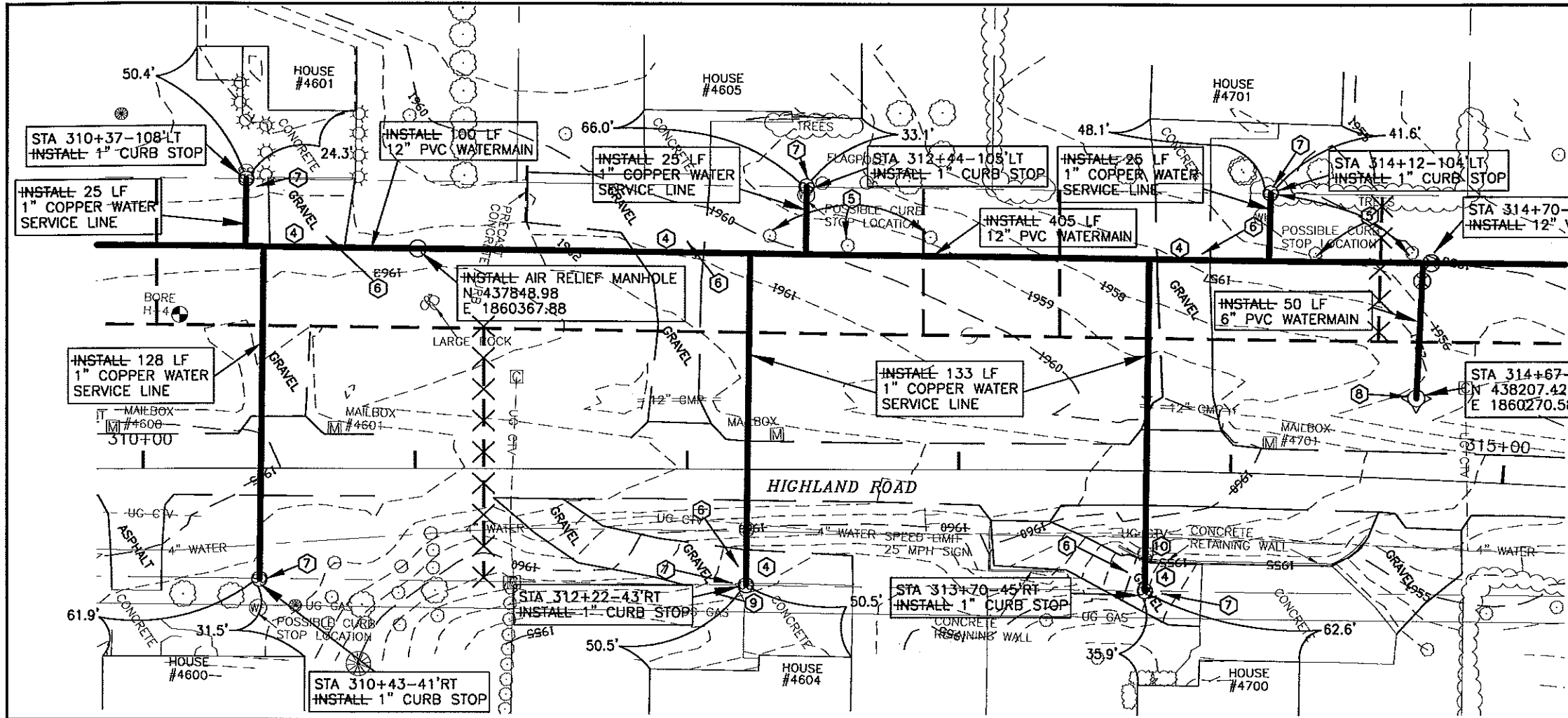


RECORD DRAWINGS
JANUARY 2000

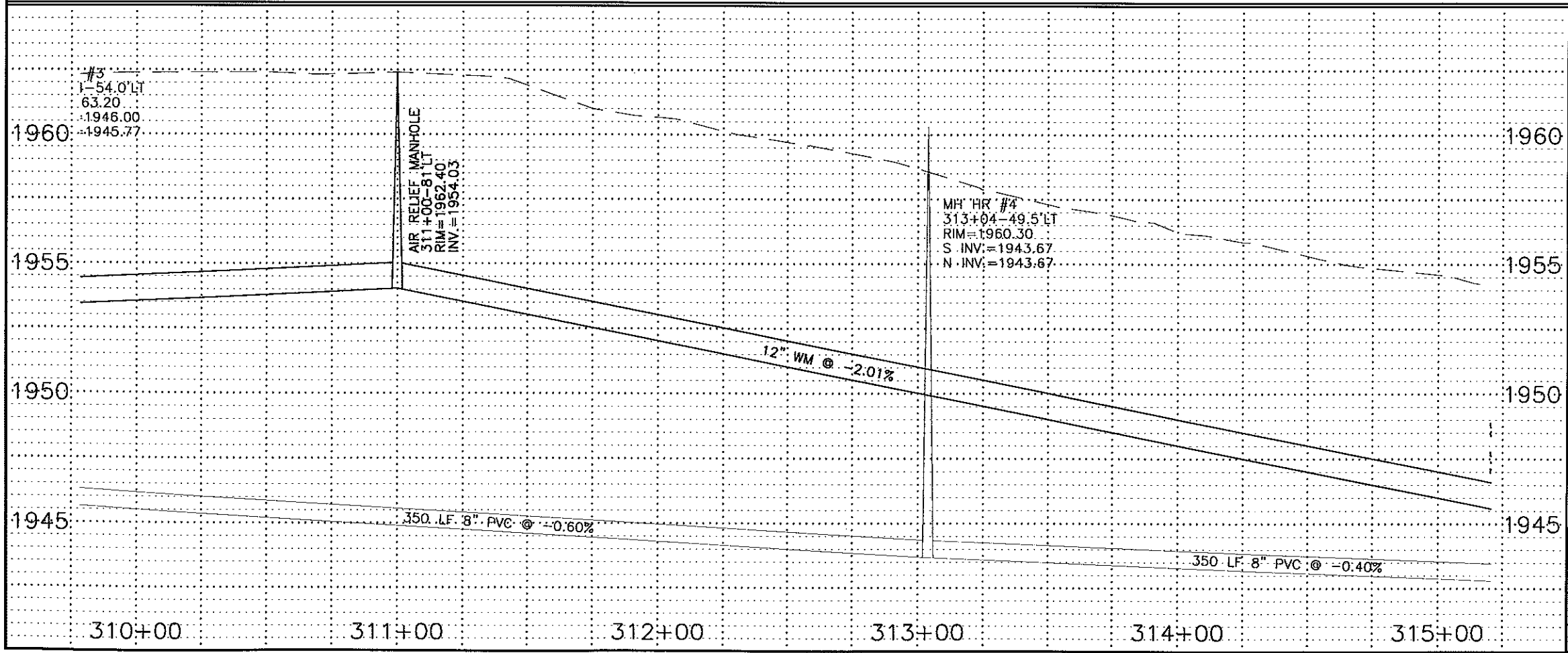
LEGEND

	SANITARY SEWER
	STORM SEWER
	WATER

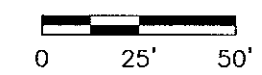
HIGHLAND ROAD STA 305+00 TO 310+00	
WATER	
SHEET 57	



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑤ CLEAR AND GRUB TREES AND SHRUBS.
 - ⑥ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑦ MAKE WATER SERVICE CONNECTION.
 - ⑧ INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - ⑨ CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT CONCRETE DRIVEWAY. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.
 - ⑩ CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT RETAINING WALL DURING WATER SERVICE LINE INSTALLATION. ANY COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT SHALL BE CONTRACTOR'S RESPONSIBILITY.



RECORD DRAWINGS
JANUARY 2000



- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

HIGHLAND ROAD
STA 310+00 TO 315+00

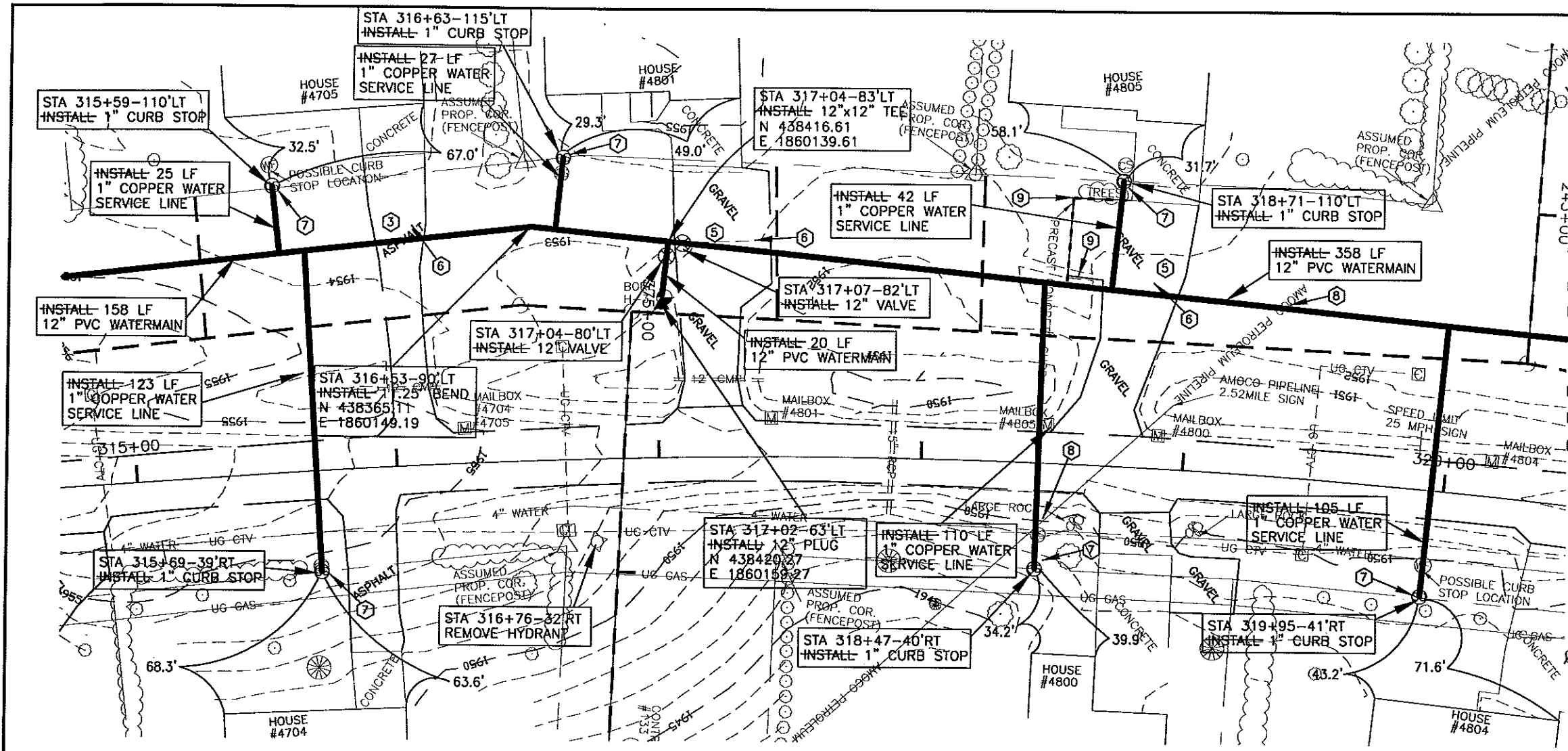
WATER

SHEET 58

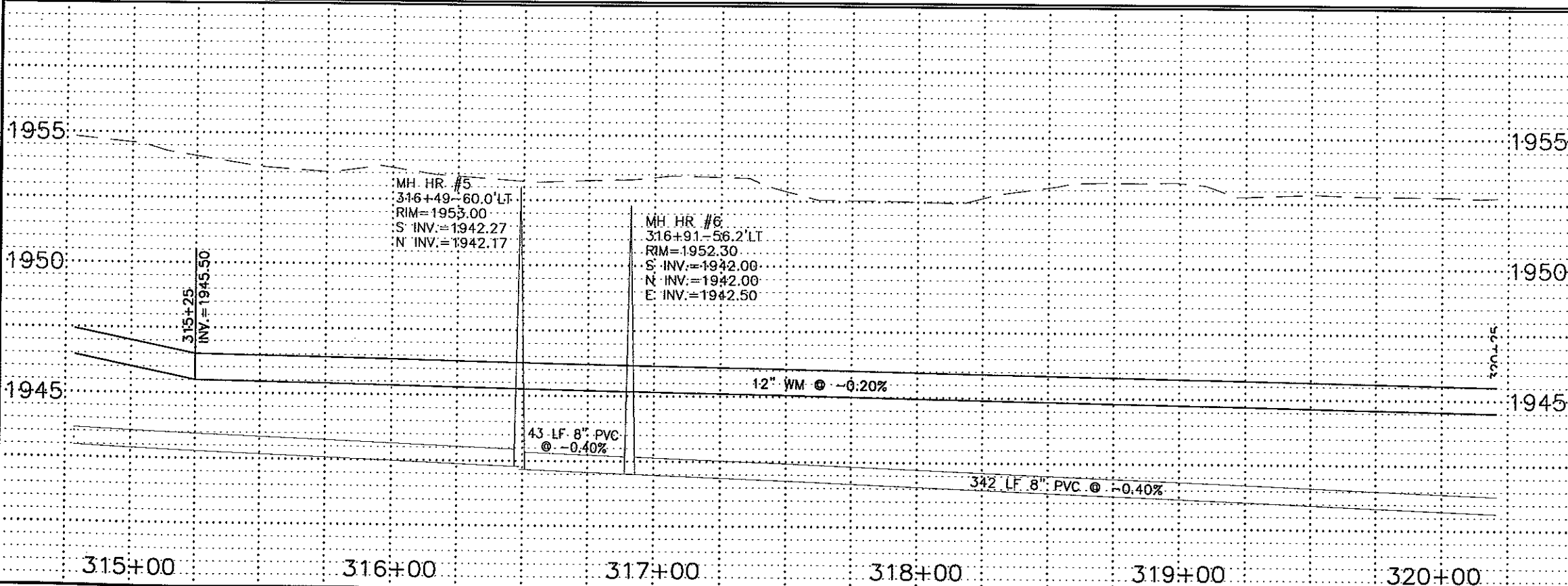


G:\CIVIL\199R\98-8927\AS-BUILD\Wat-pp.dwg Fri Jan 21 10:24:41 2000

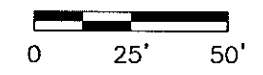
G:\CIVIL\1999\8927\AS-BUILT\Wat-pp.dwg Fri Jan 21 10:28:56 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE EXISTING ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING
 - 4 SEED DISTURBED AREAS.
 - 5 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 MAKE WATER SERVICE CONNECTION.
 - 8 CONTRACTOR SHALL MEET ALL REQUIREMENTS SET FORTH BY AMOCO PIPELINE COMPANY FOR WORK WITHIN THEIR RIGHT-OF-WAY. REQUIREMENTS INCLUDE:
 1. A RIBBON DESIGNATING THE TYPE OF UTILITY CROSSING THE PIPELINE BEING PLACED 1' BELOW EXISTING GROUND AND APPROXIMATELY 30' LONG CENTERED OVER THE PIPELINE.
 2. MINIMUM 24HR NOTICE PRIOR TO EXCAVATION NEAR THE PIPELINE GIVEN TO TIM JOHNSON, DICKINSON ND PL 701-225-8973 OR 701-260-5053 SO HE MAY BE ON SITE DURING EXCAVATION AND BACKFILLING. MARKING RIBBON REQUIRED IN ADDITION TO THE AMOUNT REQUIRED BY DETAILS CONTAINED IN THESE PLANS SHALL BE INCIDENTAL TO OTHER ITEMS.
 - 9 REMOVE AND RESET PRECAST CONCRETE CURB SECTIONS. ALL COSTS INCIDENTAL TO OTHER ITEMS.

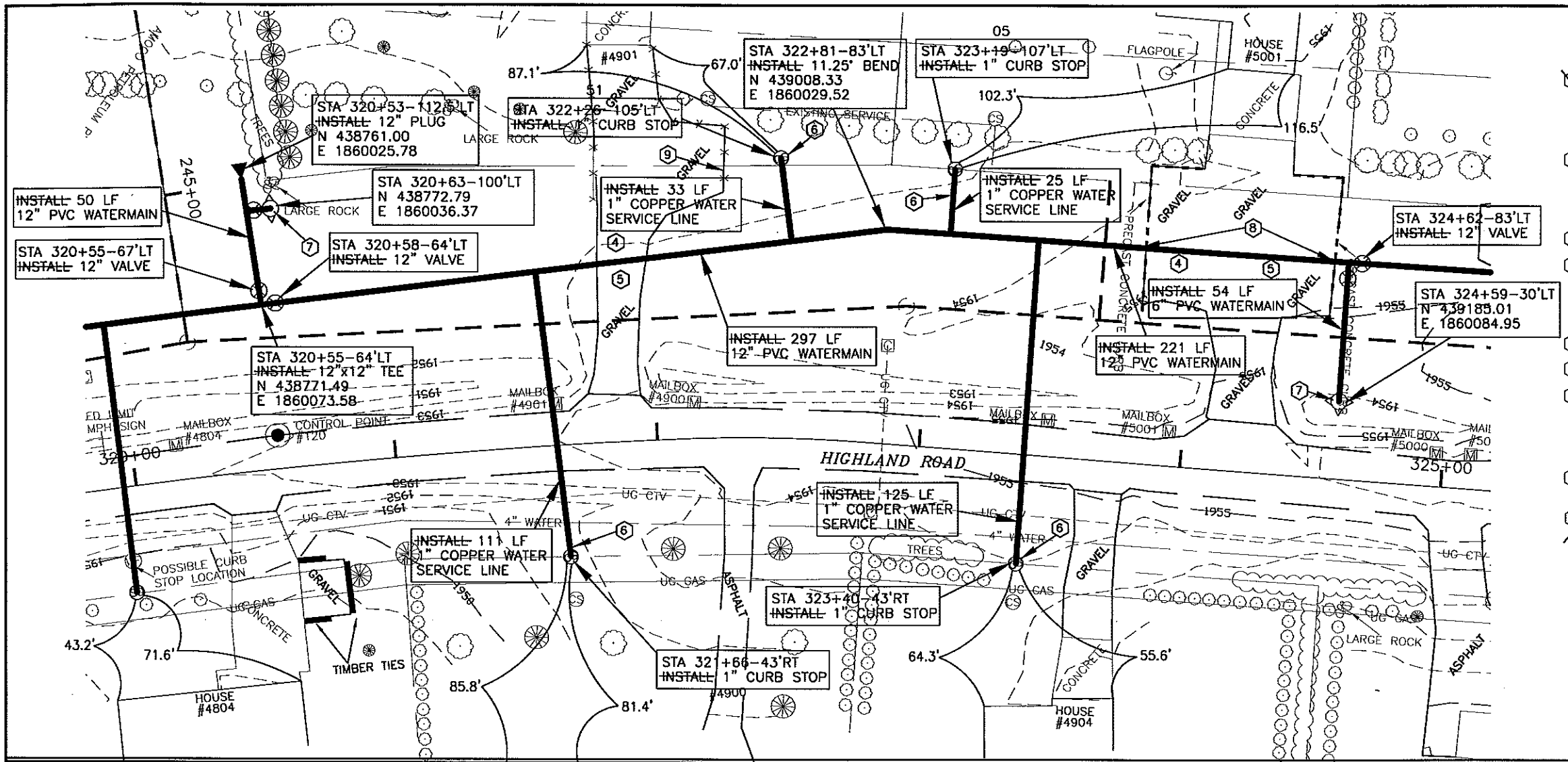


RECORD DRAWINGS
JANUARY 2000

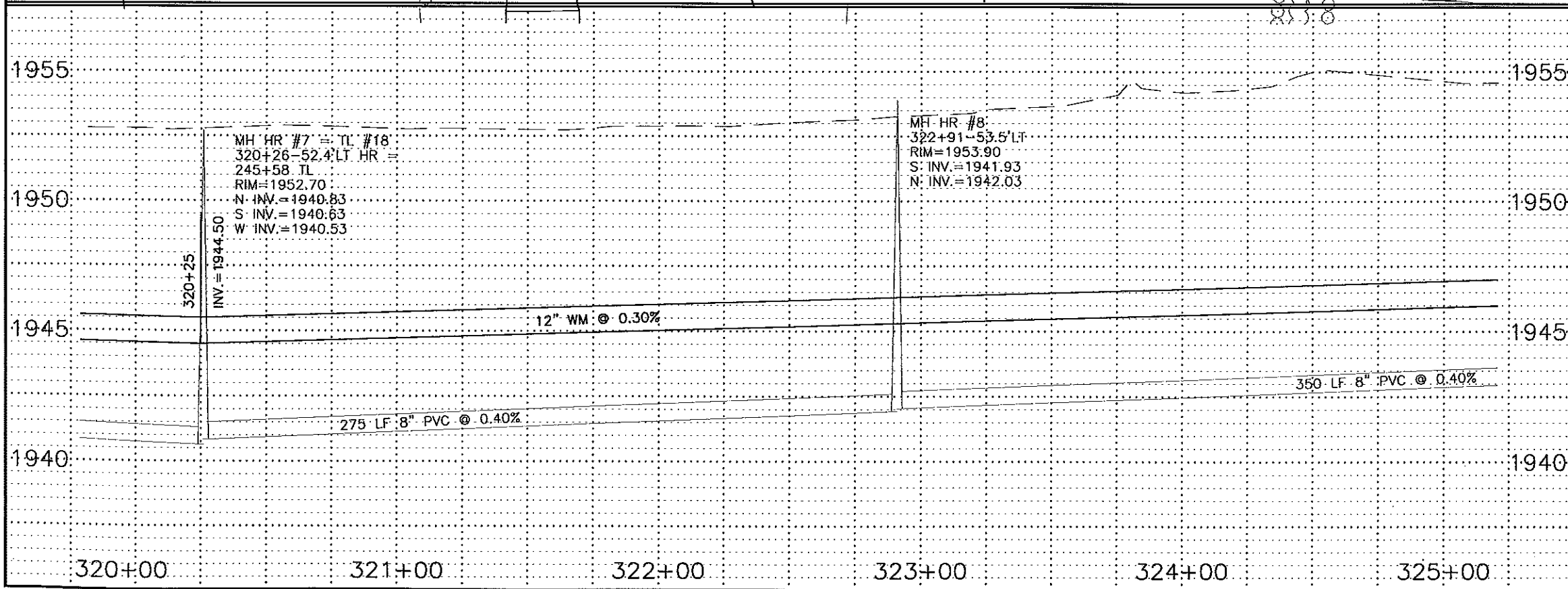


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

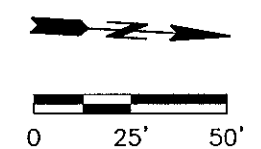
HIGHLAND ROAD	
STA 315+00 TO 320+00	
WATER	
SHEET 59	



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 MAKE WATER SERVICE CONNECTION.
 - 7 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 8 REMOVE AND RESET PRECAST CONCRETE CURB SECTIONS. ALL COSTS INCIDENTAL TO OTHER ITEMS.
 - 9 REMOVE AND RESET FENCE AS NEEDED FOR WATER SERVICE LINE INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
 JANUARY 2000

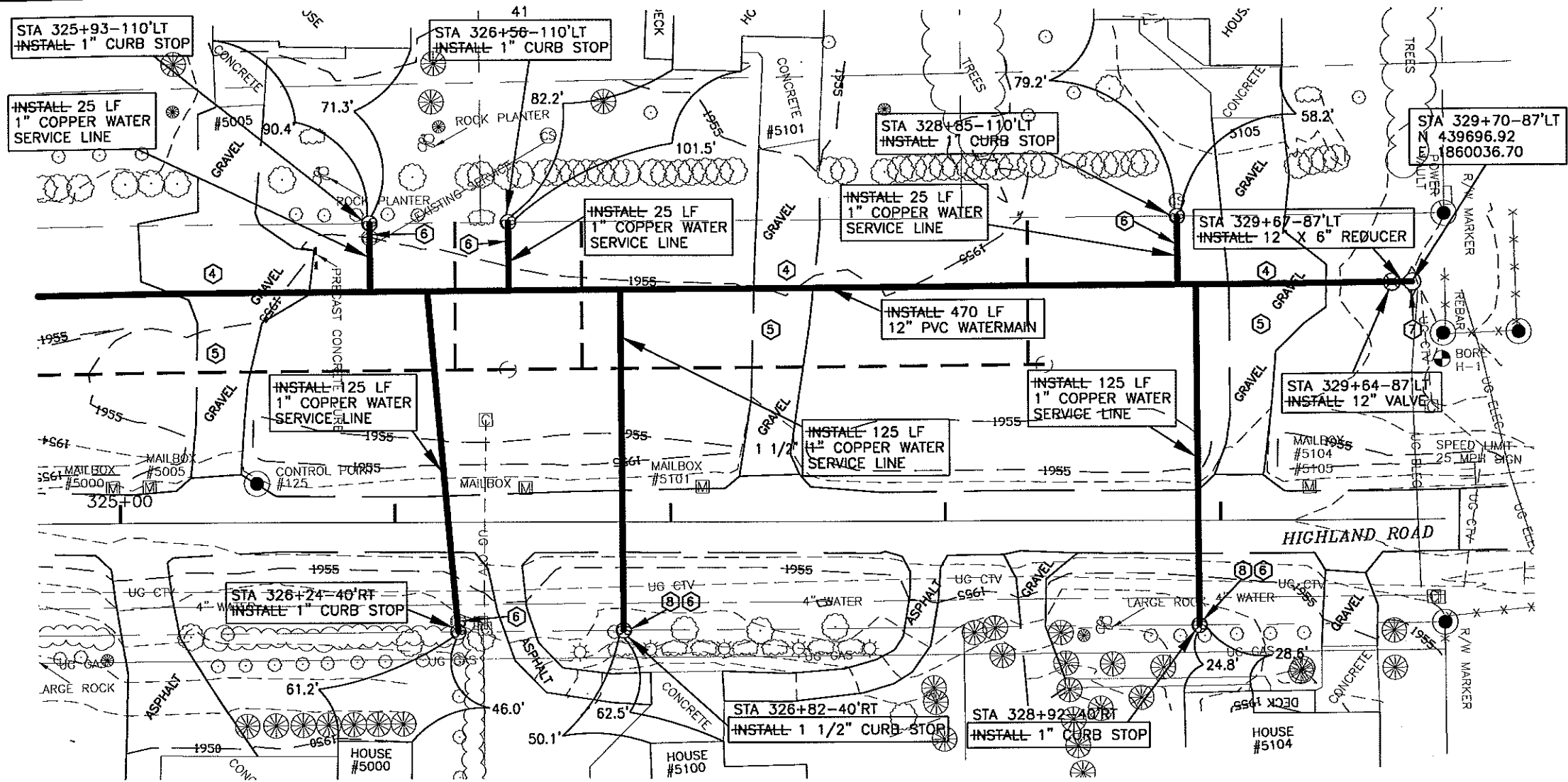


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

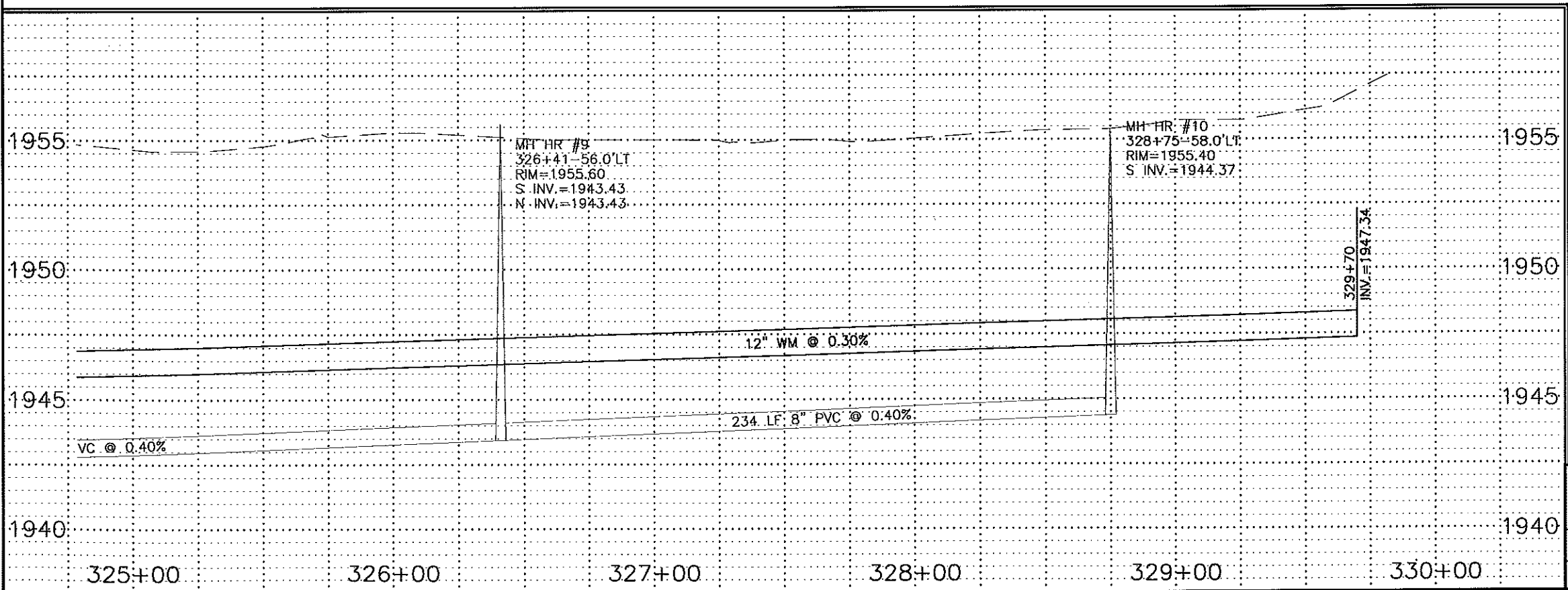
HIGHLAND ROAD
 STA 320+00 TO 325+00
WATER
 SHEET 60



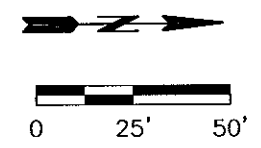
G:\CIVIL\1999\38-8927\AS-BUILT\wat-pp.dwg Fri Jan 21 10:29:48 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑤ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑥ MAKE WATER SERVICE CONNECTION.
 - ⑦ INSTALL 6" HYDRANT, THRUST BLOCKING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - ⑧ EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.



RECORD DRAWINGS
JANUARY 2000

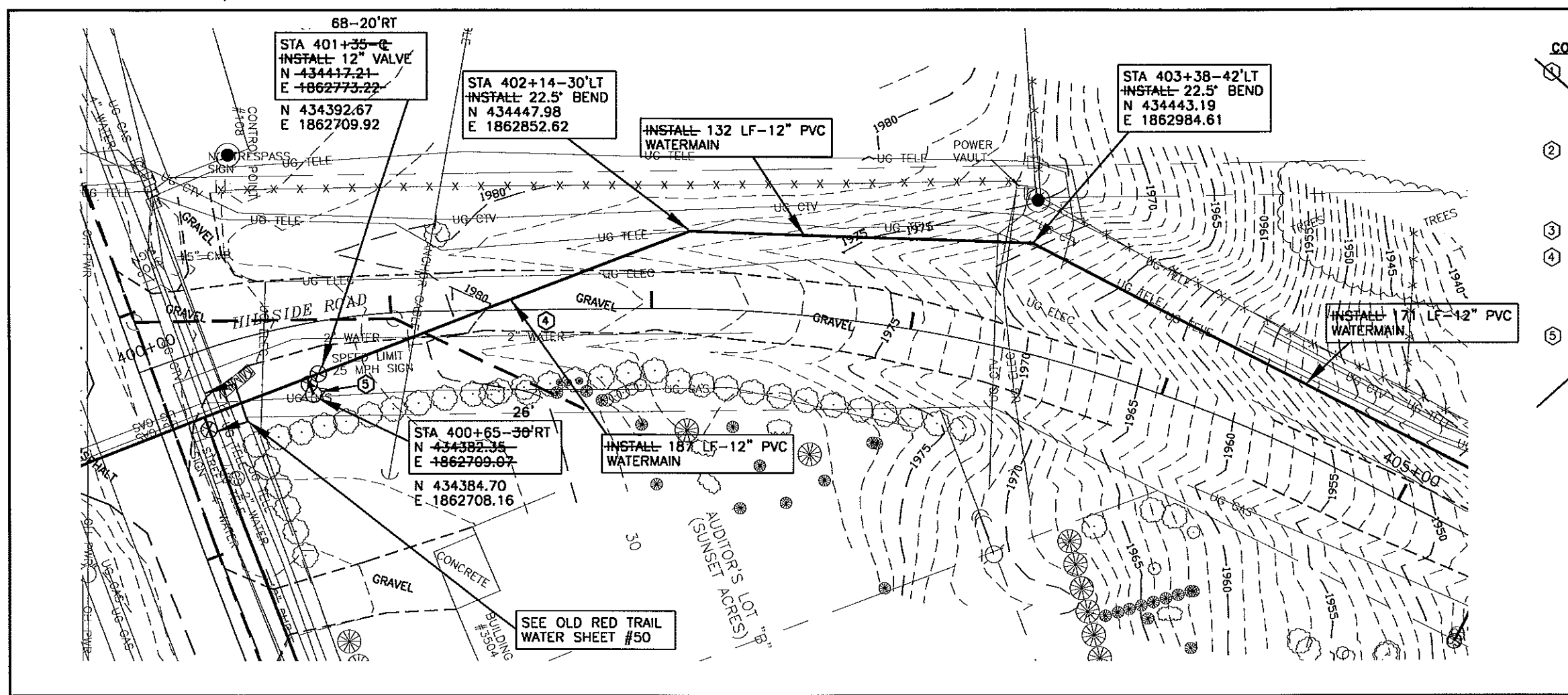


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

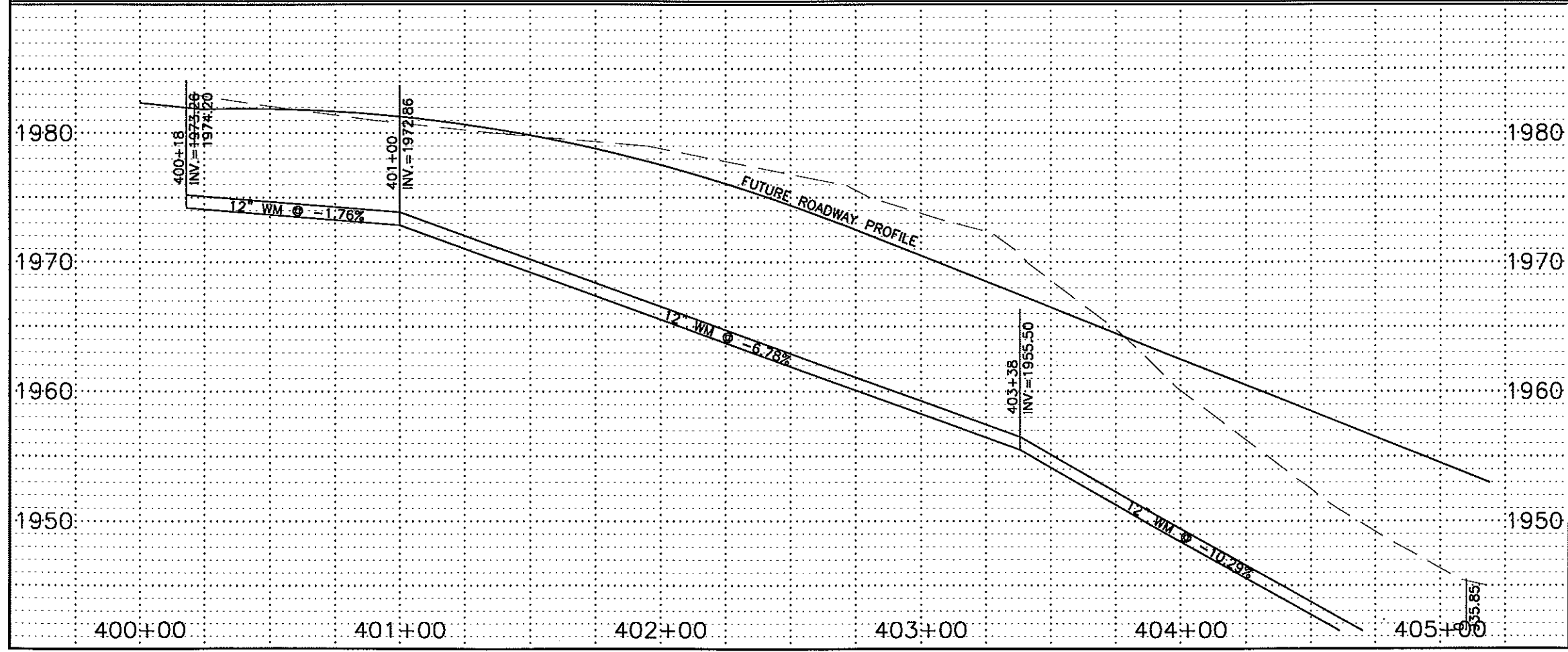
HIGHLAND ROAD
STA 325+00 TO 330+00
WATER
SHEET 61



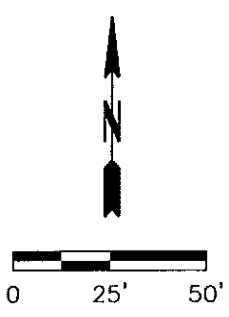
G:\CIVIL\1995\98-8927\AS-BUILT\Hil-w-pp.dwg Thu Feb 03 14:43:16 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".



RECORD DRAWINGS
JANUARY 2000

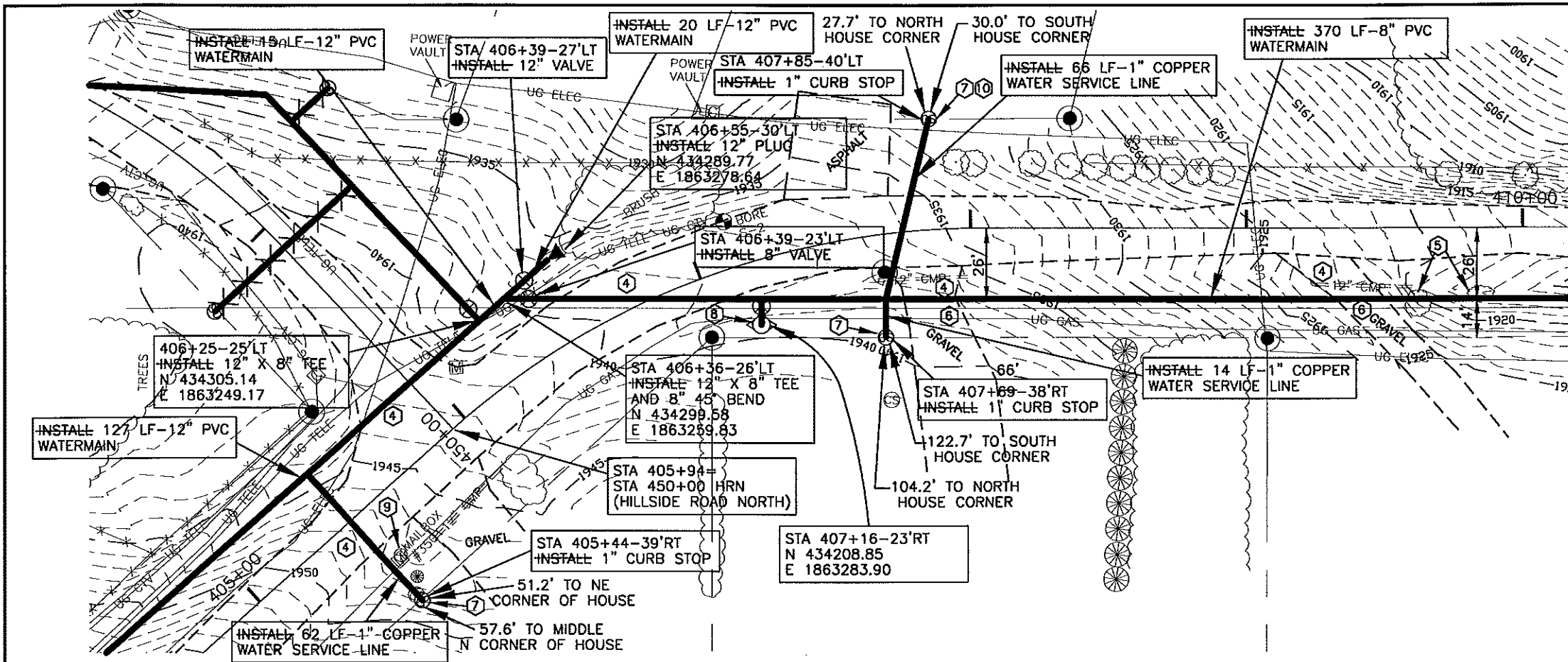


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

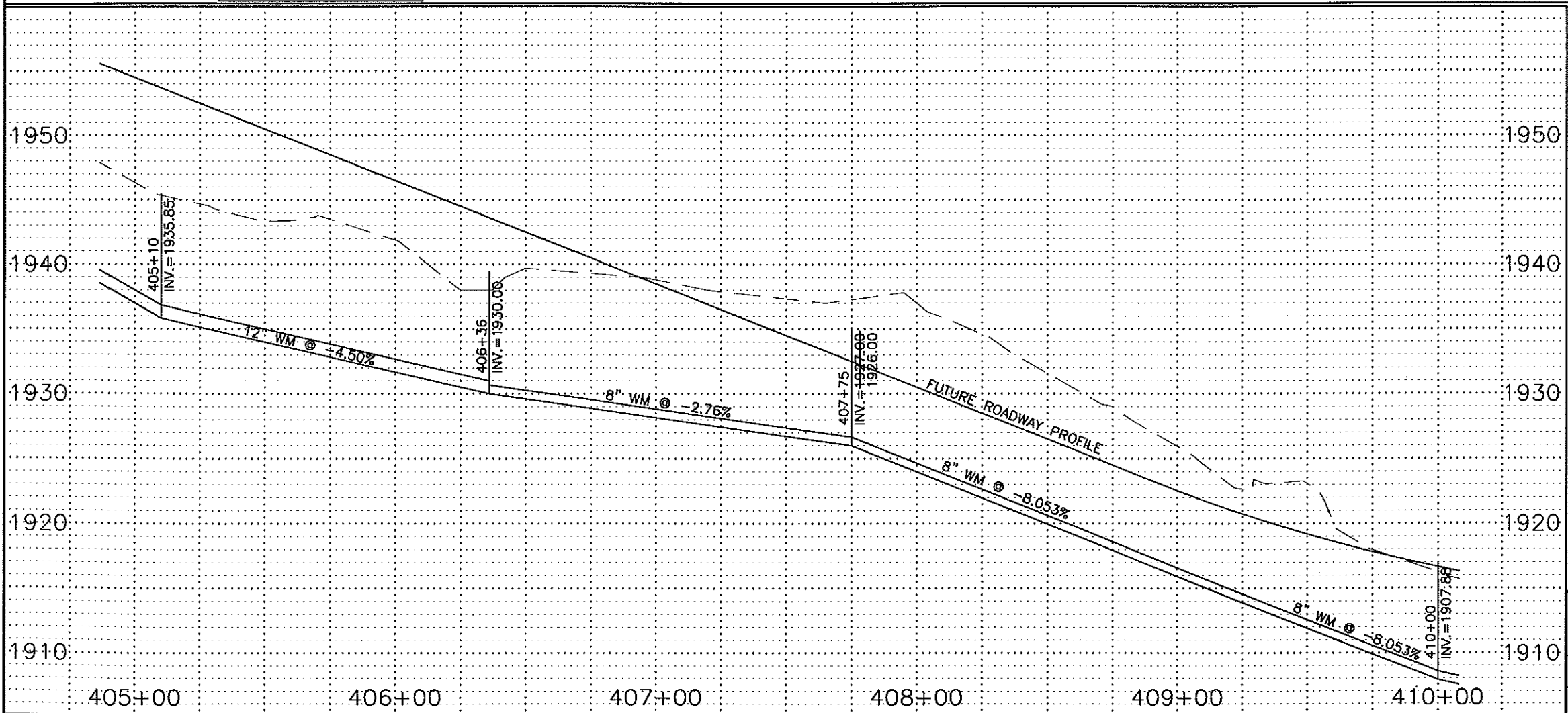
HILLSIDE ROAD
400+00 TO 405+00
WATER
SHEET 62



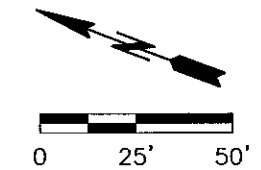
G:\CIVIL\199\78-8927\AS-BUILT\Hil-w-pp.dwg Fri Jan 21 11:22:28 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 CLEAR AND GRUB TREES AND SHRUBS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 MAKE WATER SERVICE CONNECTION.
 - 8 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 9 REMOVE TOP SECTION OF VALVE BOX.
 - 10 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.



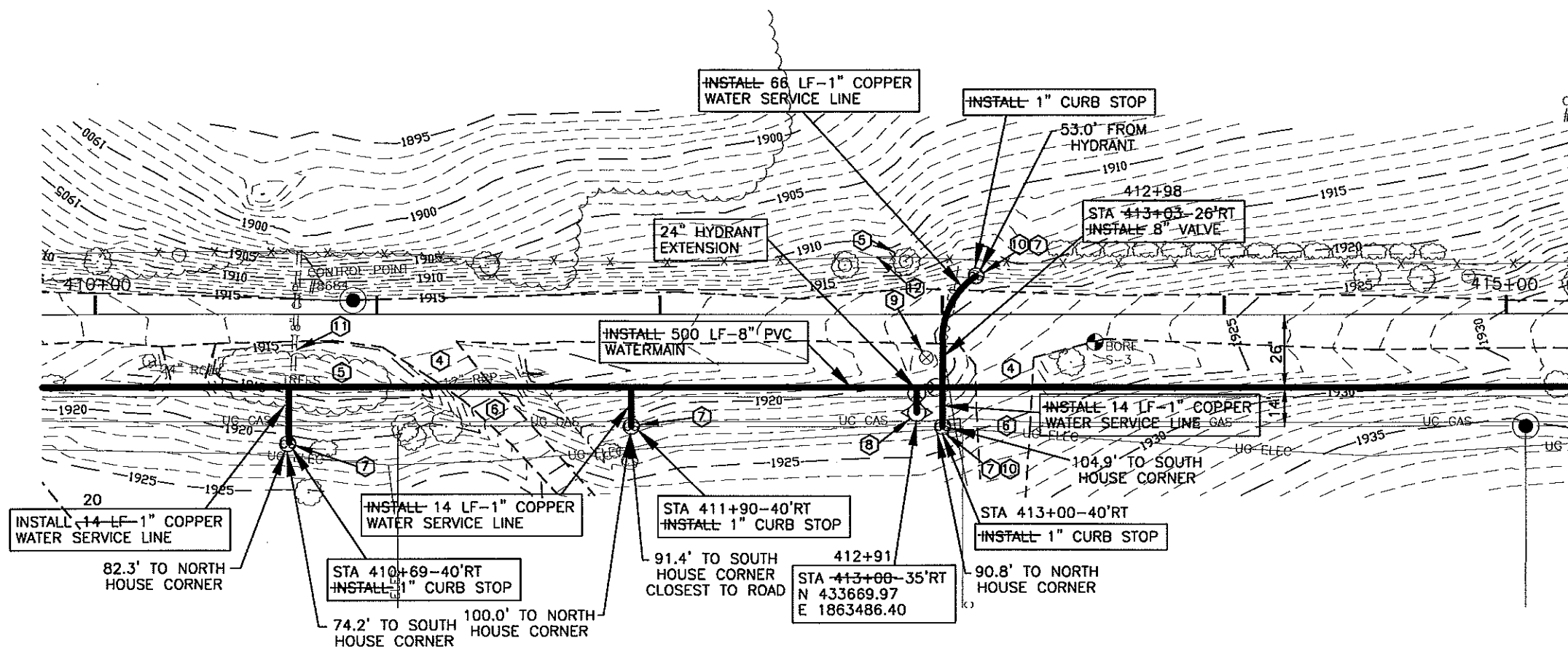
RECORD DRAWINGS
JANUARY 2000



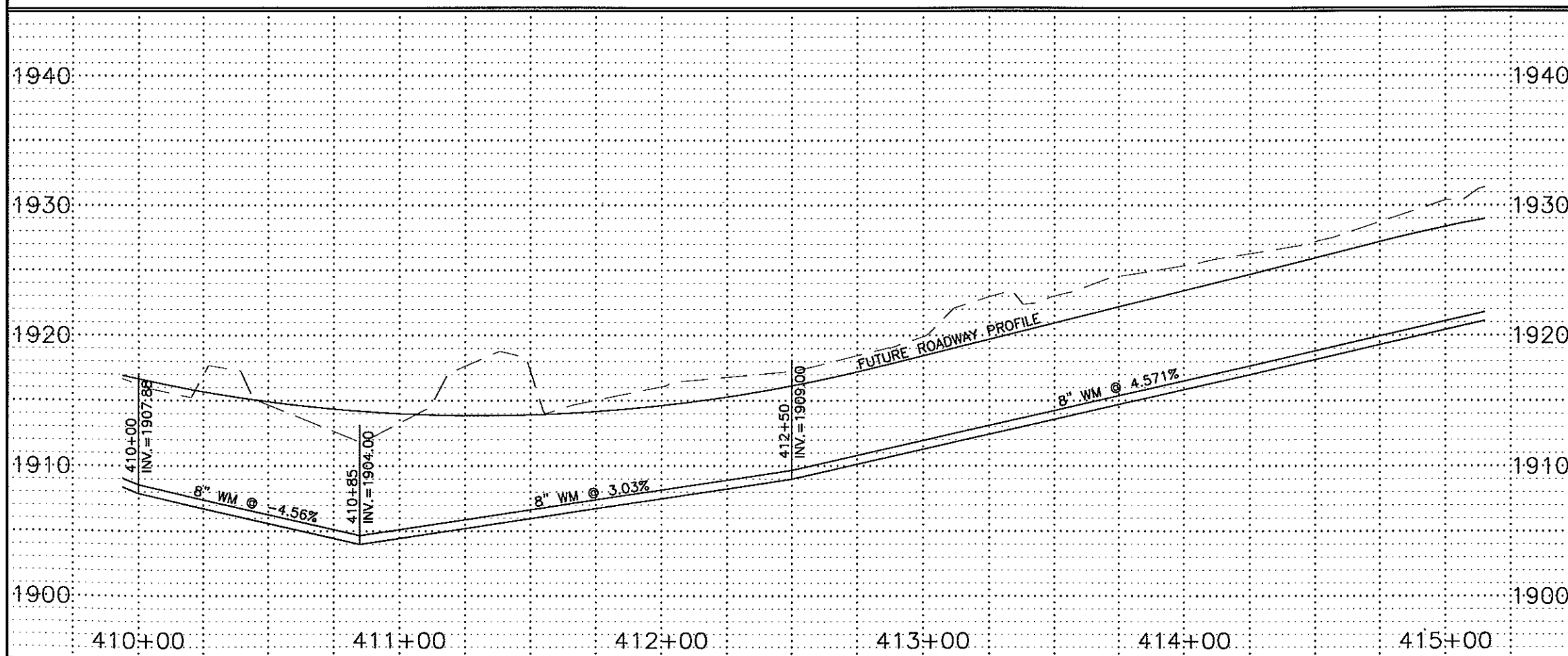
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

HILLSIDE ROAD 405+00 TO 410+00		
WATER		
SHEET 63		

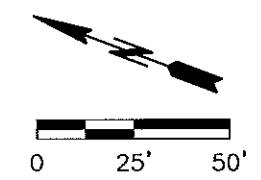
G:\CIVIL\1997\38-8927\AS-BUILT\Hil-w-pp.dwg Fri Jan 21 11:23:12 2000



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 CLEAR AND GRUB TREES AND SHRUBS.
 - 6 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 7 MAKE WATER SERVICE CONNECTION.
 - 8 INSTALL 6" HYDRANT, VALVE, TEE, THRUST BLOCKING, PIPING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - 9 REMOVE TOP SECTION OF VALVE BOX.
 - 10 EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - 11 PROTECT 18" CMP DURING WATERMAIN INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.
 - 12 REMOVE AND RESET FENCE. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000



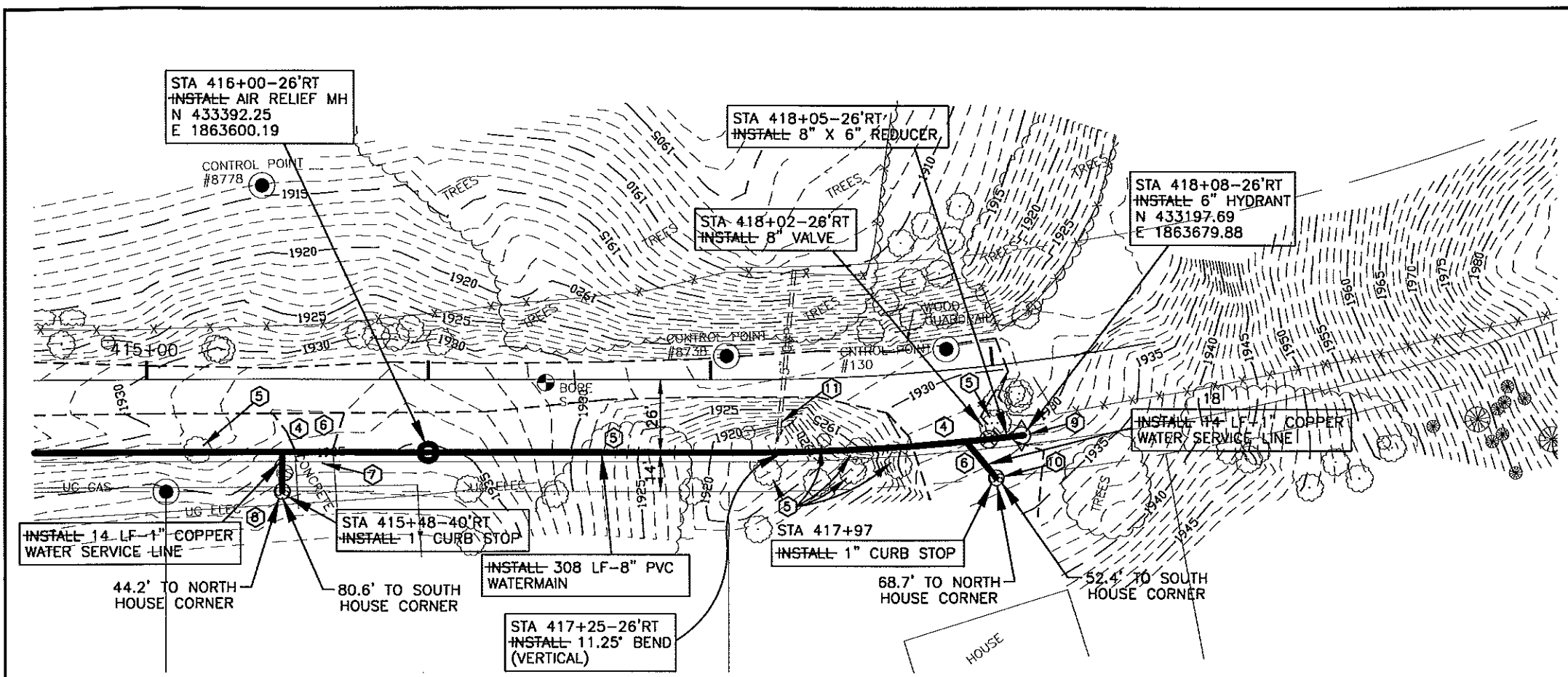
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

ADDENDUM #1 - APRIL 12, 1999

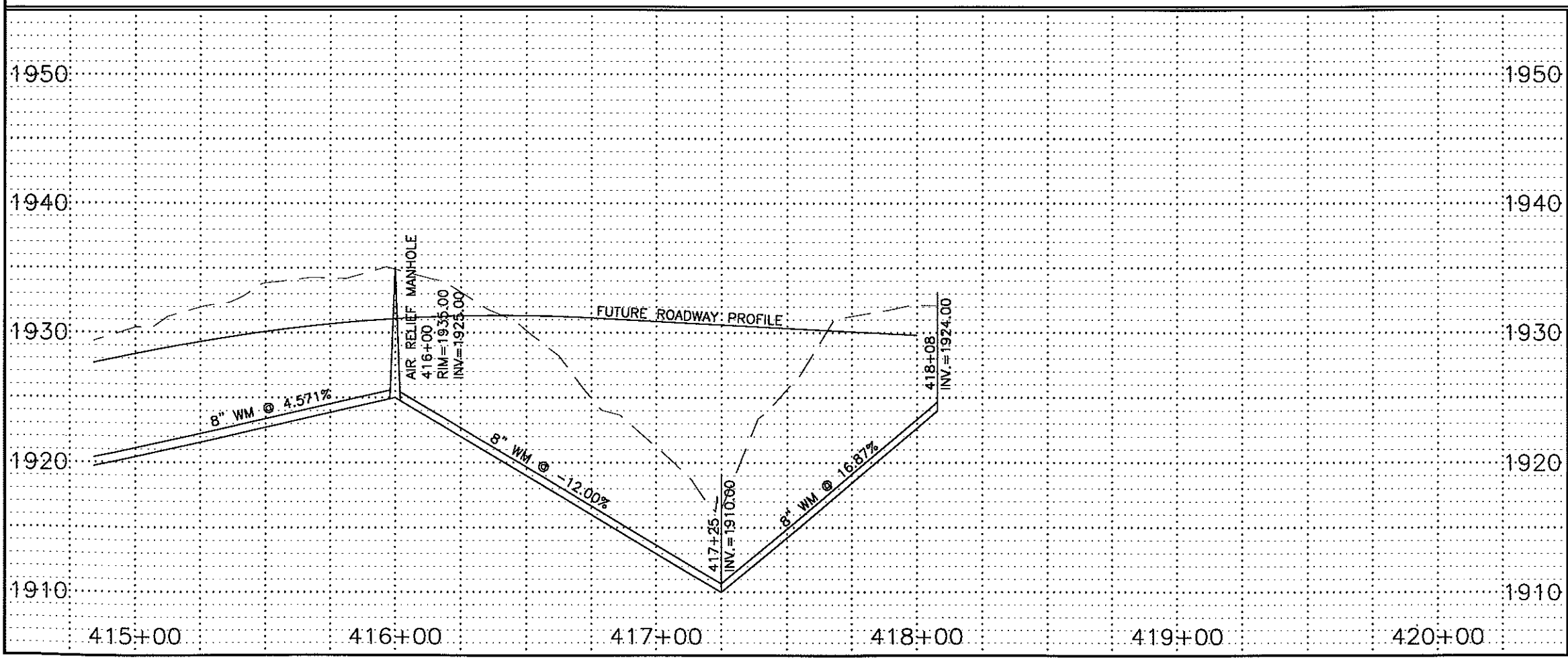
HILLSIDE ROAD
410+00 TO 415+00
WATER
SHEET 64*



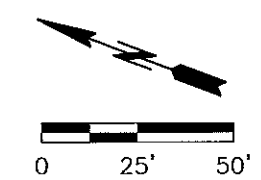
G:\CIVIL\1999\8-8927\AS-BUILT\Hil-w-pp.dwg Fri Jan 21 11:24:55 2000



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ SEED DISTURBED AREAS.
 - ④ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - ⑤ CLEAR AND GRUB TREES AND SHRUBS.
 - ⑥ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - ⑦ REMOVE CONCRETE DRIVEWAY AS REQUIRED. FULL DEPTH SAW CUT CONCRETE PRIOR TO REMOVAL. ALL COSTS INCLUDED IN THE SQUARE YARD PRICE BID FOR "CONCRETE PAVEMENT REMOVAL".
 - ⑧ MAKE WATER SERVICE CONNECTION.
 - ⑨ INSTALL 6" HYDRANT, THRUST BLOCKING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
 - ⑩ EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
 - ⑪ PROTECT 15" CMP DURING WATERMAIN INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000

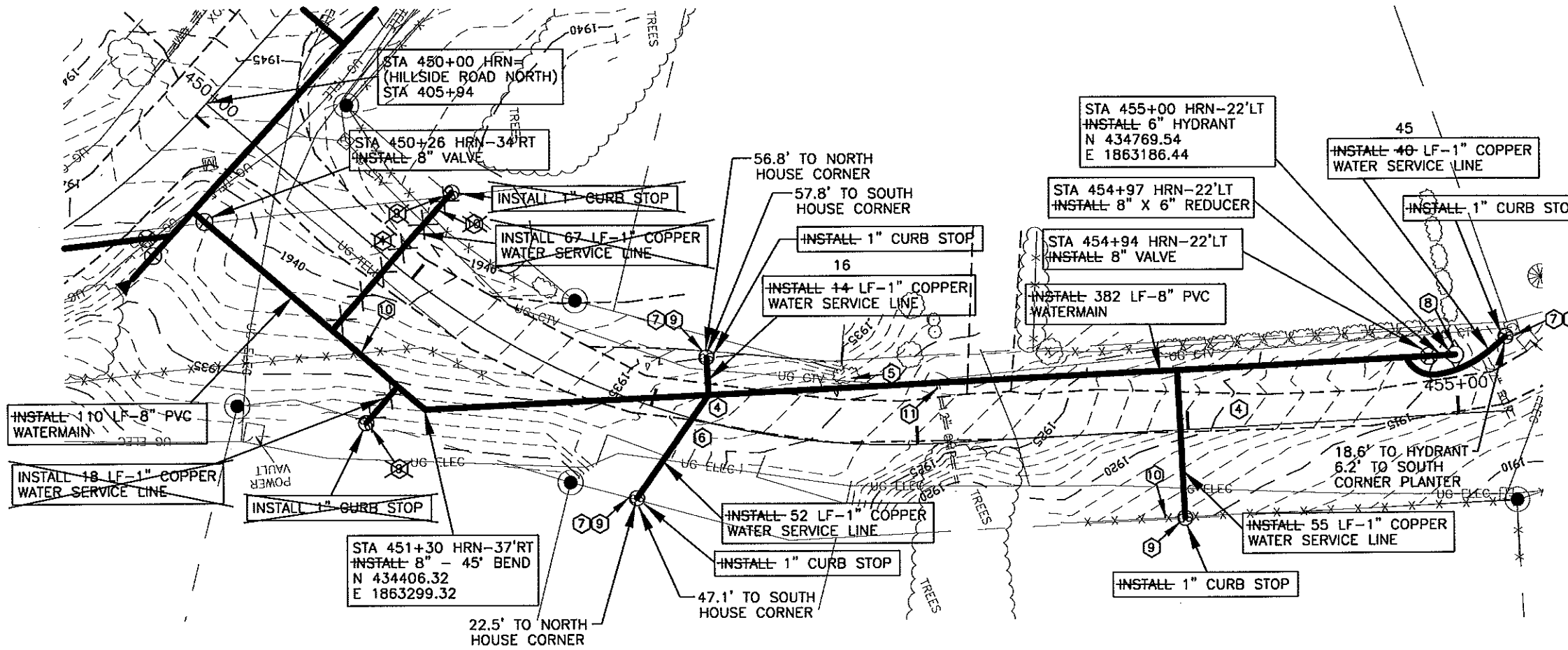


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

ADDENDUM #1 - APRIL 12, 1999

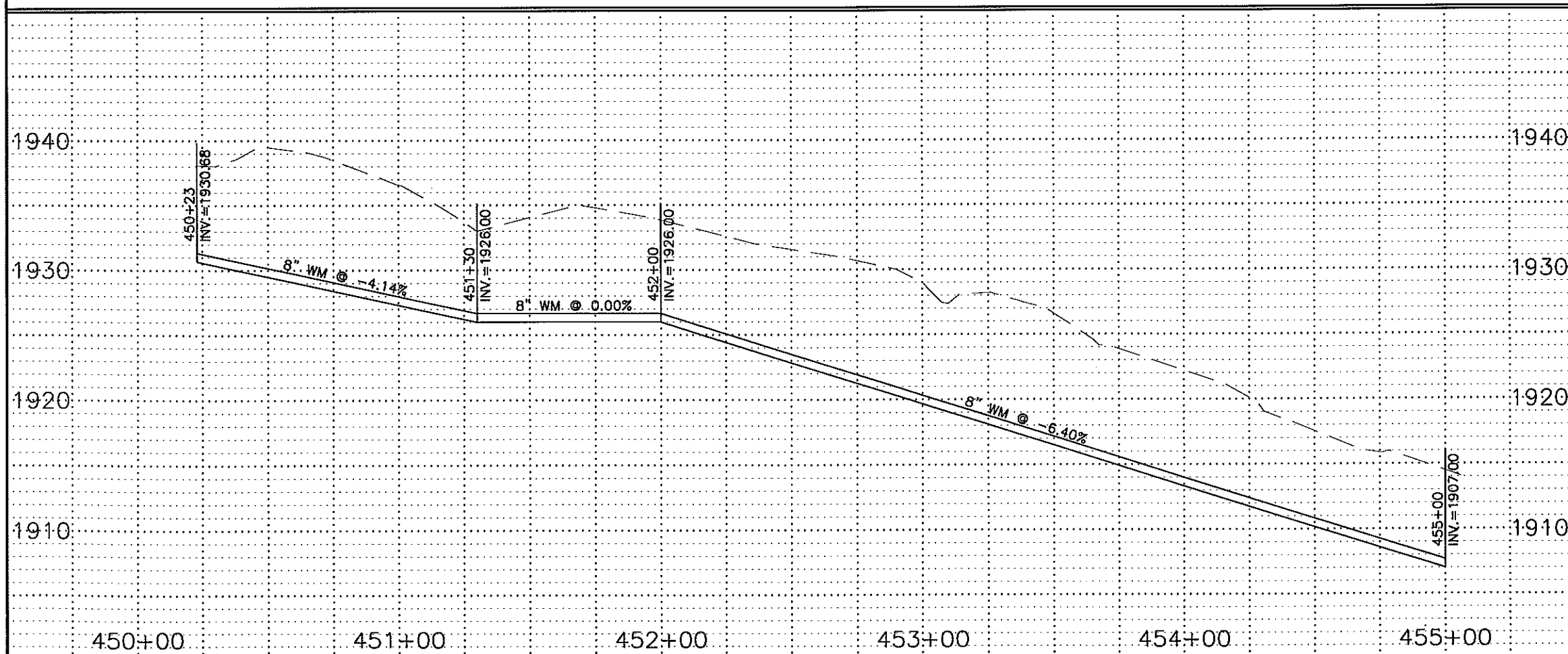
HILLSIDE ROAD 415+00 TO 420+00		
WATER		
SHEET 65*		

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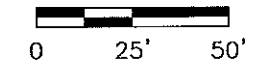


CONSTRUCTION NOTES:

- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
- ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
- ③ SEED DISTURBED AREAS.
- ④ STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
- ⑤ CLEAR AND GRUB TREES AND SHRUBS.
- ⑥ REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
- ⑦ MAKE WATER SERVICE CONNECTION.
- ⑧ INSTALL 6" HYDRANT, THRUST BLOCKING, AND INCIDENTALS REQUIRED TO COMPLETE HYDRANT INSTALLATION PER DETAIL. HYDRANTS, THRUST BLOCKS AND INCIDENTALS ALL INCLUDED IN THE UNIT PRICE BID FOR "6" HYDRANT".
- ⑨ EXACT LOCATION OF CURB STOP SHALL BE FIELD LOCATED PRIOR TO WATER SERVICE LINE INSTALLATION.
- ⑩ REMOVE AND RESET FENCE. ALL COSTS INCIDENTAL TO OTHER ITEMS.
- ⑪ PROTECT 12" CMP DURING WATERMAIN INSTALLATION. ALL COSTS INCIDENTAL TO OTHER ITEMS.



RECORD DRAWINGS
JANUARY 2000



LEGEND

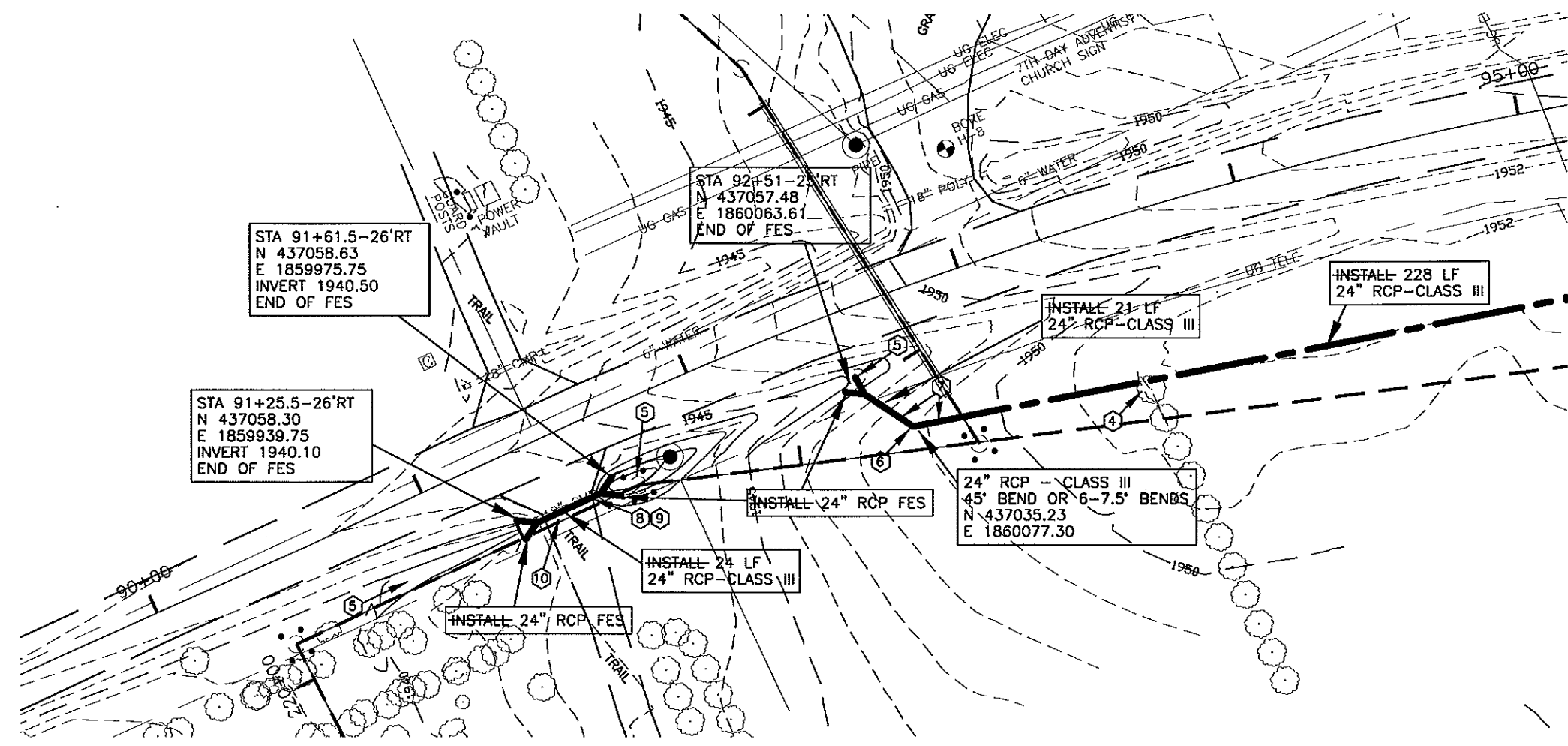
- SANITARY SEWER
- STORM SEWER
- WATER

HILLSIDE ROAD
450+00 TO 455+00

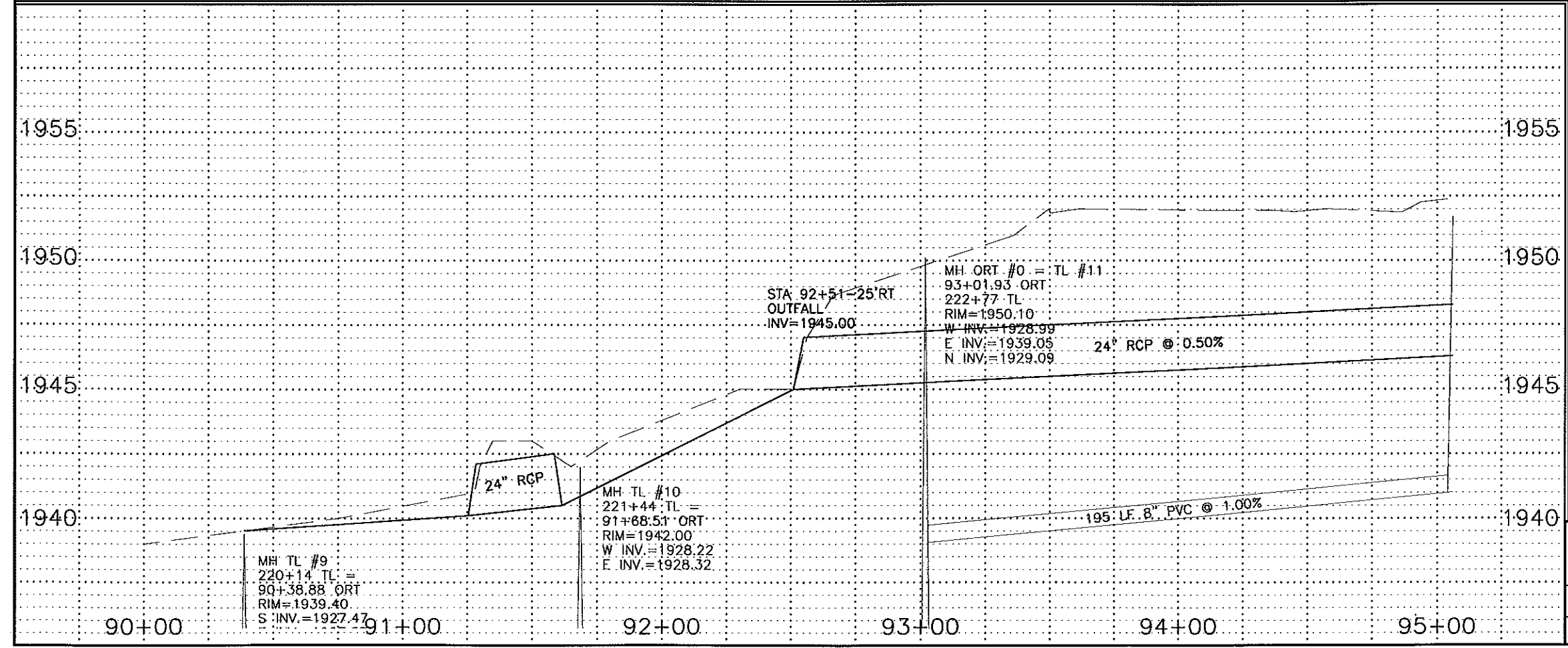
WATER

SHEET 66

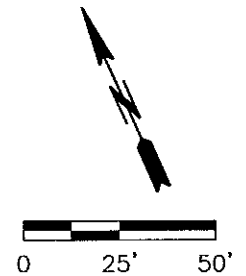




- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 CLEAR AND GRUB TREES AND SHRUBS.
 - 5 REGRADE EXISTING DITCH AS SHOWN OR AS DIRECTED BY THE ENGINEER IN THE FIELD. ALL COSTS INCIDENTAL TO 24" RCP-FES.
 - 6 INSTALL PRECAST 45' BEND, OR 6 - 7.5' BENDS, 24" RCP - CLASS III. ALL COSTS INCIDENTAL TO INSTALLING 24" RCP.
 - 7 CONCRETE PIPE TIES SHALL BE INSTALLED FROM THE 24" RCP-FES TO ONE JOINT BEYOND THE BEND.
 - 8 REMOVE 18" CMP. ALL COSTS INCIDENTAL TO INSTALLATION OF NEW 24" RCP.
 - 9 CONCRETE PIPE TIES SHALL BE INSTALLED AT ALL JOINTS.
 - 10 REMOVE AND REPLACE TRAIL AS REQUIRED.



RECORD DRAWINGS
JANUARY 2000

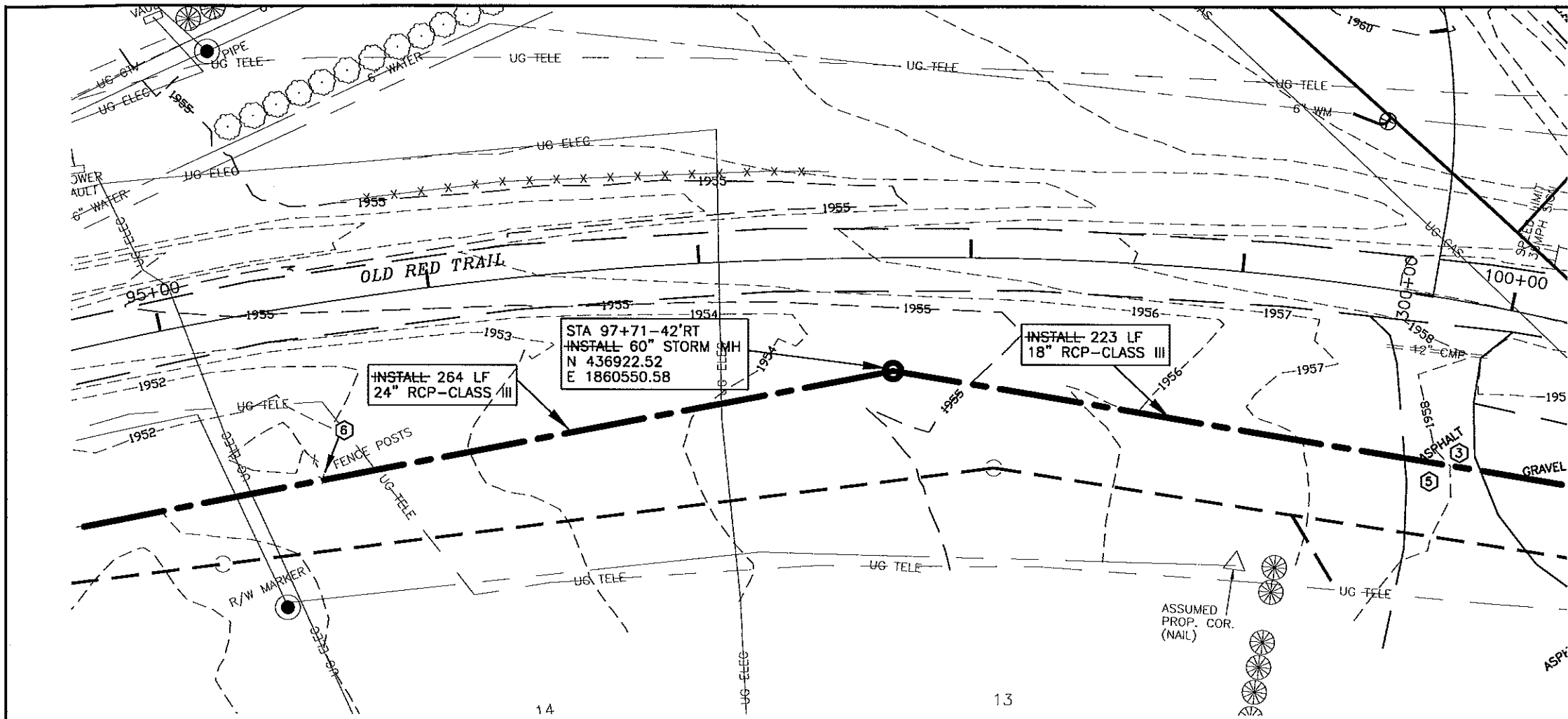


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

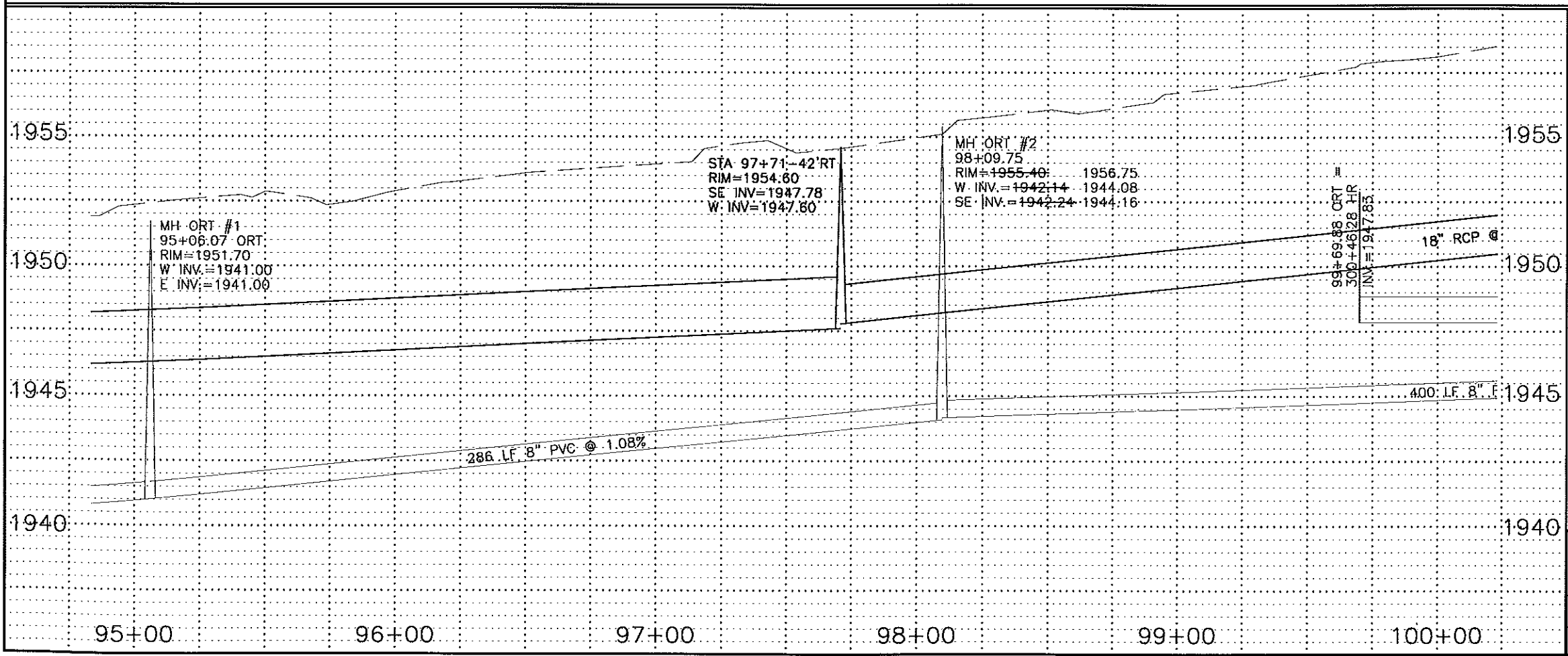
OLD RED TRAIL
STA 90+00 TO 95+00

STORM

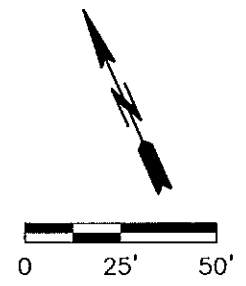
SHEET 67



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 REMOVE AND REPLACE ASPHALT PAVEMENT, THICKNESS TO MATCH EXISTING. 15' IS THE MAXIMUM WIDTH OF REMOVAL AND REPLACEMENT FOR PAYMENT PURPOSES.
 - 4 SEED DISTURBED AREAS.
 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 REMOVE FENCE POSTS.



RECORD DRAWINGS
JANUARY 2000



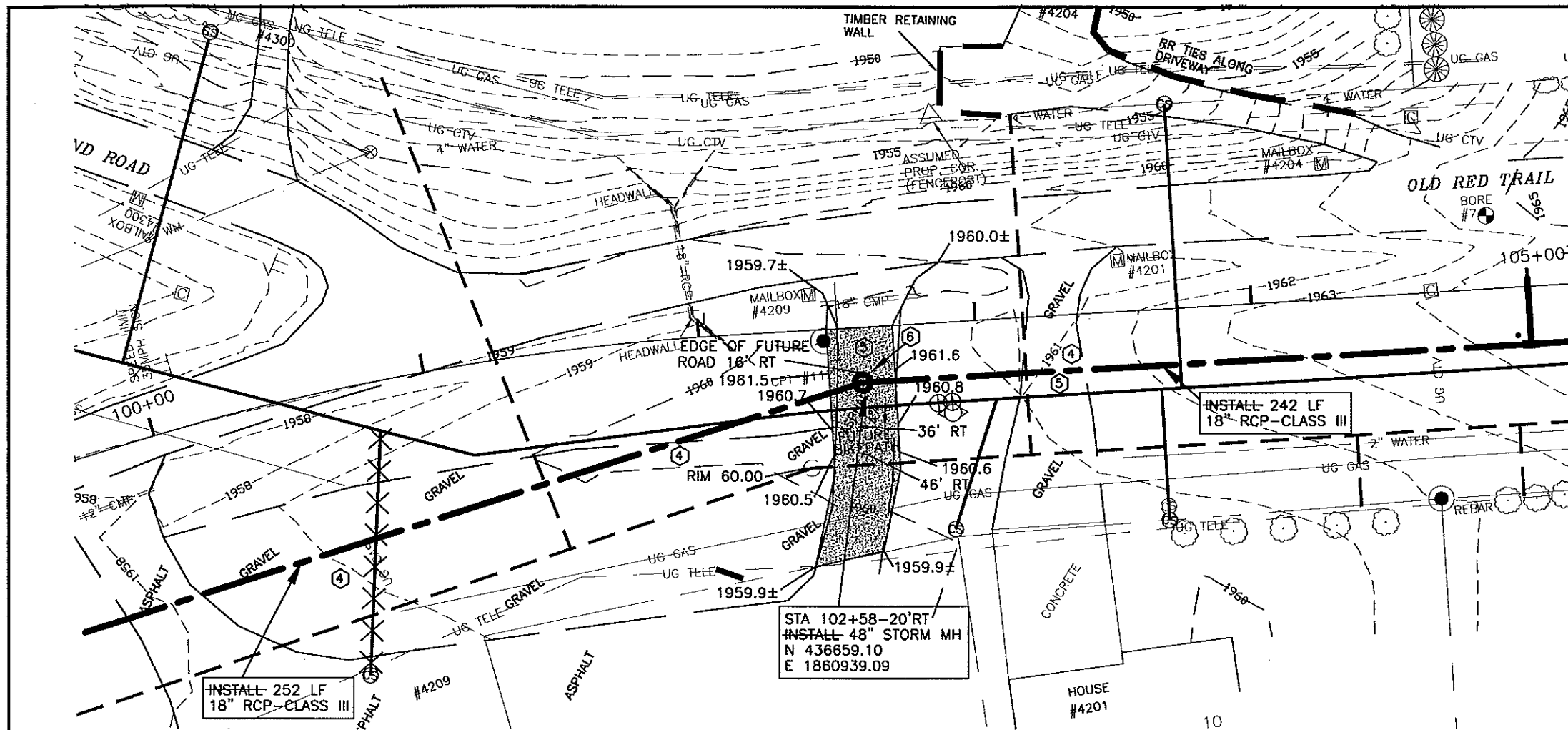
- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

OLD RED TRAIL
STA 95+00 TO 100+00

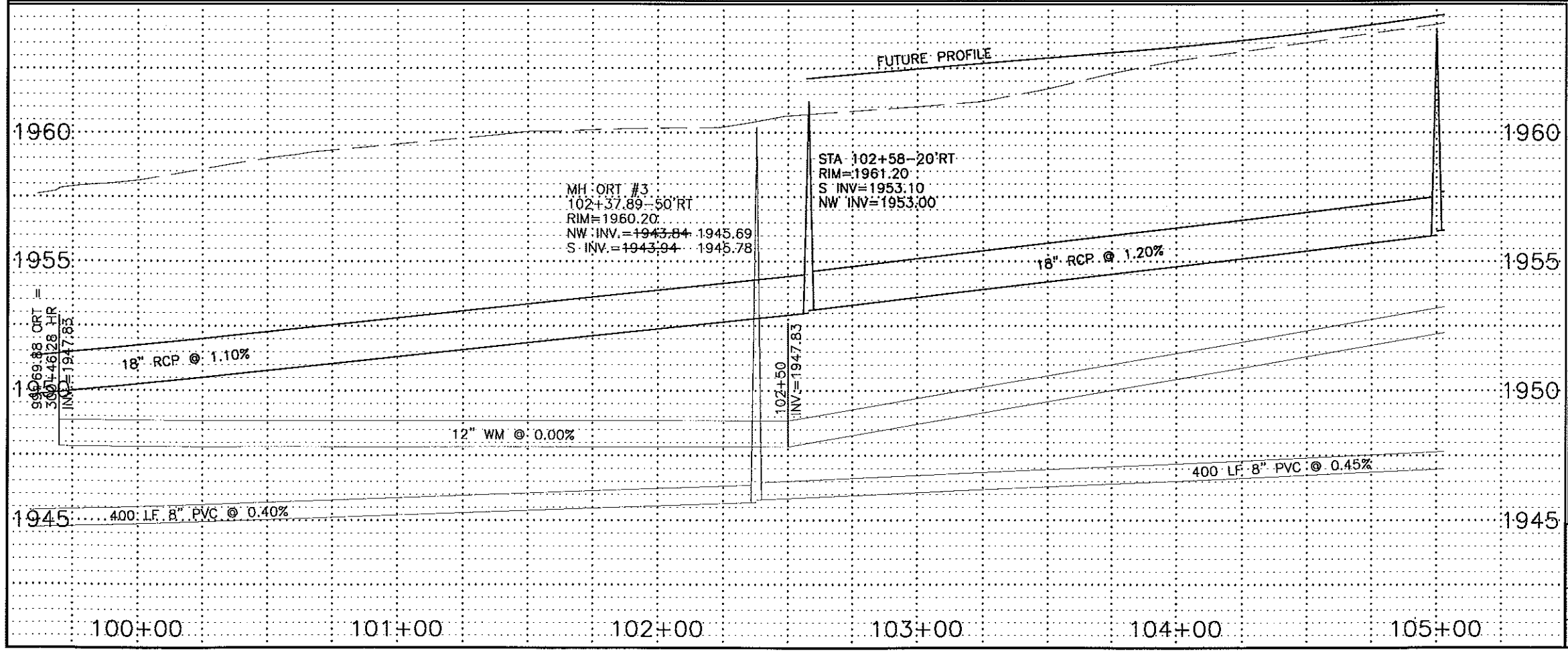
STORM

SHEET 68

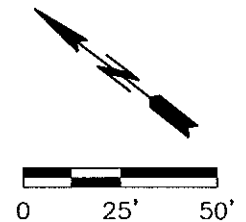
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- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - 2 CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - 3 SEED DISTURBED AREAS.
 - 4 STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION. UPON COMPLETION OF UNDERGROUND WORK, RESPREAD GRAVEL SURFACE TO THICKNESS OF EXISTING. ADD GRAVEL AS REQUIRED TO ACHIEVE REQUIRED THICKNESS.
 - 5 REMOVE AND REPLACE DRIVEWAY AS REQUIRED.
 - 6 CONSTRUCT DRIVEWAY TO SPOT ELEVATIONS SHOWN ON DRAWING AND AS DIRECTED BY THE ENGINEER IN THE FIELD. PAVEMENT THICKNESS SHALL BE 4" ASPHALT AND 6" CLASS 5 AGGREGATE BASE.




RECORD DRAWINGS
JANUARY 2000

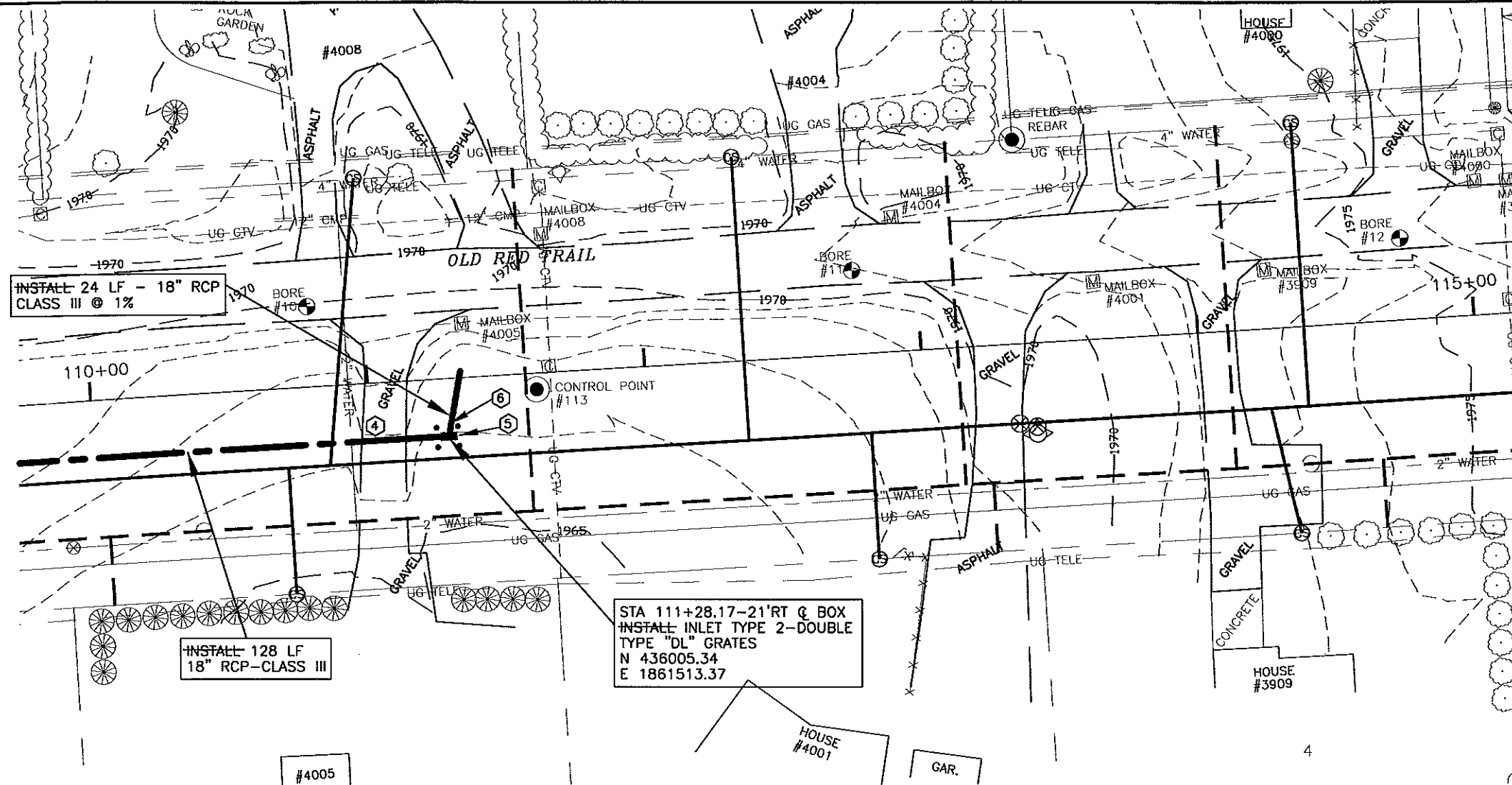


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

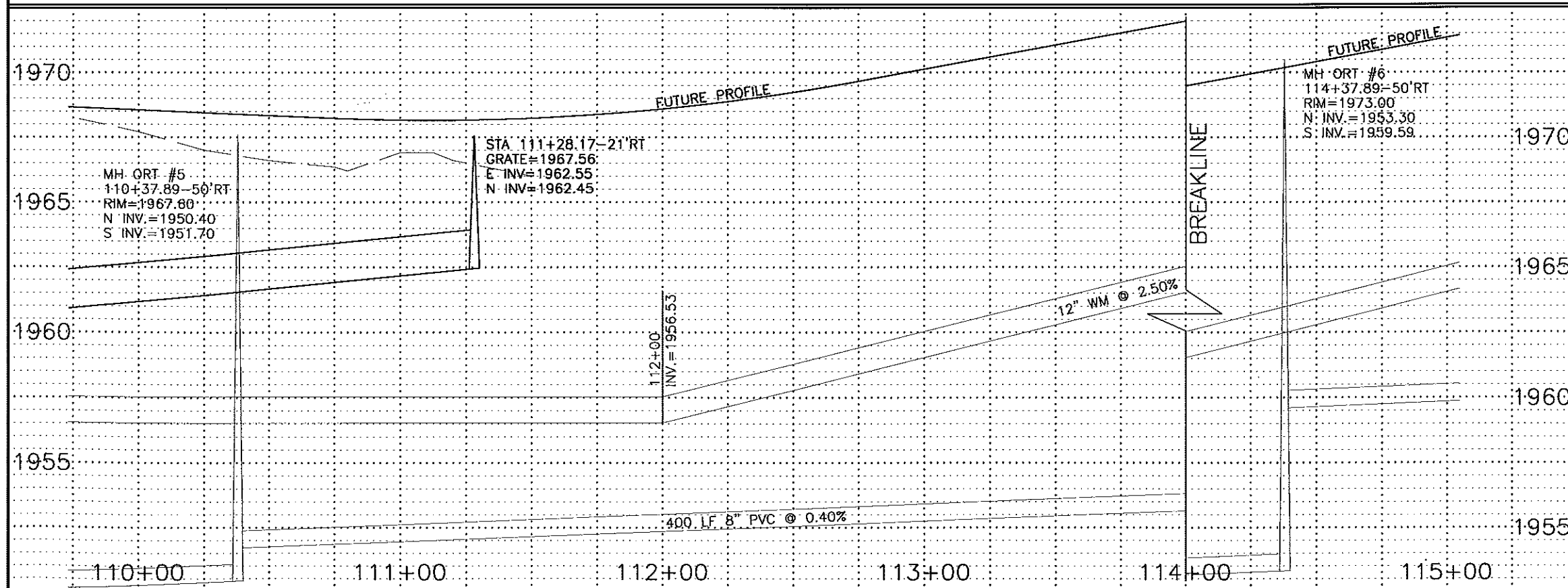
OLD RED TRAIL	
STA 100+00 TO 105+00	
STORM	
SHEET 69	



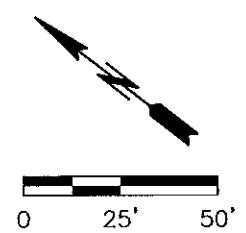
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- CONSTRUCTION NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF THE UNDERGROUND UTILITY INSTALLATION, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - SEED DISTURBED AREAS.
 - REMOVE DRIVEWAY AS REQUIRED. STRIP GRAVEL SURFACING AND STOCKPILE PRIOR TO EXCAVATION.
 - INSTALL 4 - TYPE D DELINEATORS NEAR INLET.
 - TONGUE OF 18" RCP SHALL BE INSTALLED INTO THE INLET AND EAST END OF 18" RCP SHALL BE COVERED WITH 2 SHEETS OF 3/4" PLYWOOD. ALL COSTS INCIDENTAL.



RECORD DRAWINGS
JANUARY 2000

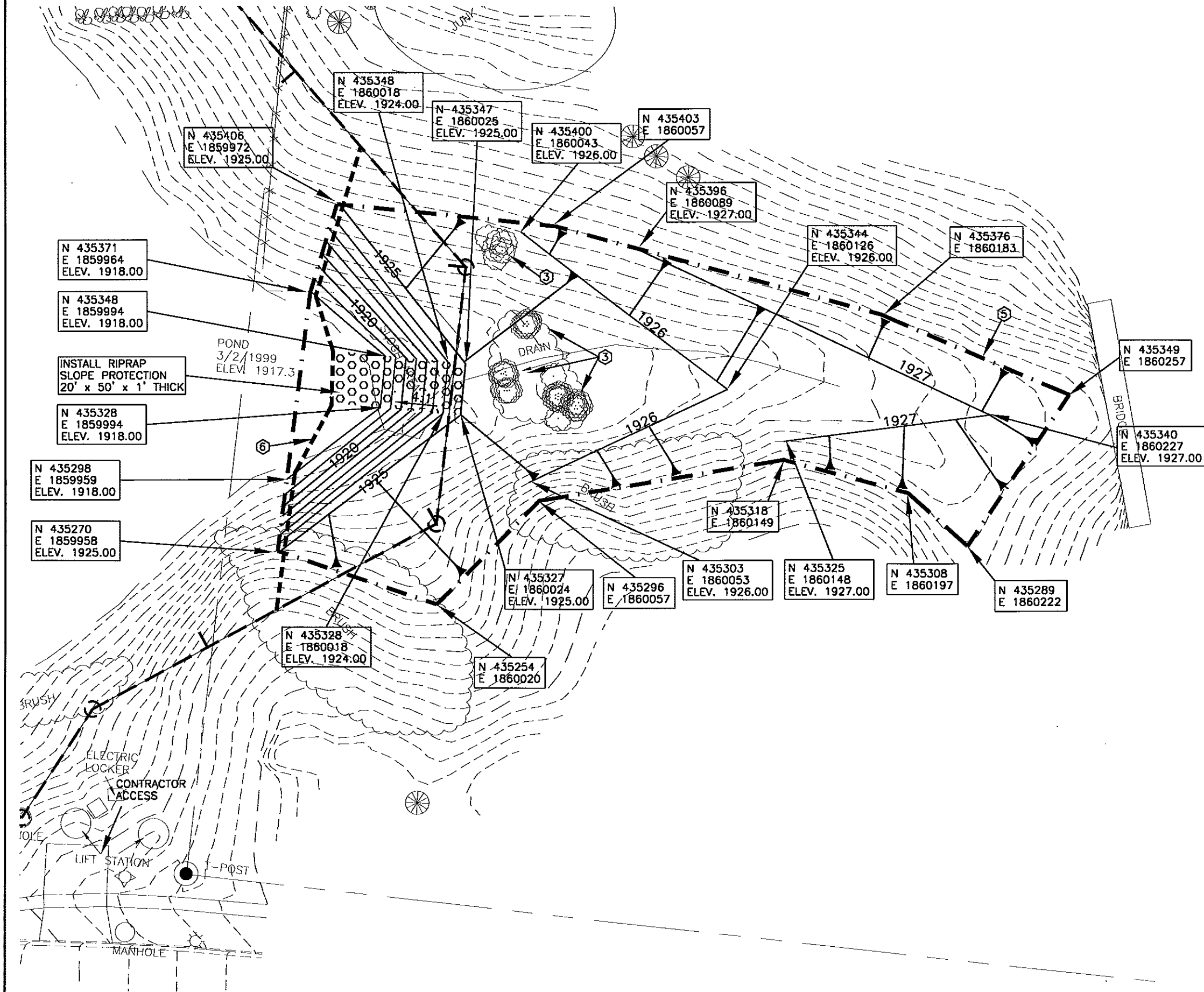


- LEGEND**
- SANITARY SEWER
 - STORM SEWER
 - WATER

OLD RED TRAIL
STA 110+00 TO 115+00
STORM
SHEET 71

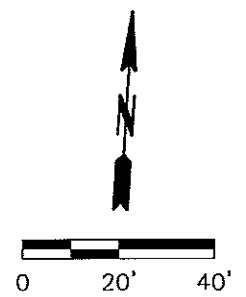


RAILROAD MUSEUM REGRADING



- CONSTRUCTION NOTES:**
- ① CONTRACTOR TO VERIFY LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
 - ② CONTRACTOR SHALL STRIP 6" OF TOPSOIL OVER ENTIRE AREA DISTURBED BY CONSTRUCTION OPERATIONS. UPON COMPLETION OF REGRADING, CONTRACTOR SHALL RESPREAD TOPSOIL TO A DEPTH OF 6".
 - ③ CLEAR AND GRUB TREES AND SHRUBS.
 - ④ CONTRACTOR SHALL IMPORT FILL AS REQUIRED TO FILL AND SHAPE AREA AS SHOWN.
 - ⑤ ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE SEEDED PER SPECIFICATION.
 - ⑥ CONTRACTOR SHALL INSTALL SILT FENCE AT THE LOCATION SHOWN ON THIS PLAN SHEET. COSTS FOR SILT FENCE MATERIALS, INSTALLATION, MAINTENANCE AND REMOVAL SHALL BE INCLUDED IN OTHER ITEMS.
 - ⑦ CONTRACTOR SHALL USE DRIVEWAY AT LIFT STATION TO ACCESS THE REGRADING AREA. CONTRACTOR SHALL PROTECT LIFT STATION DURING HAULING OPERATIONS. THE EMBANKMENT SHALL BE HAULED TO THE REGRADING AREA WITHOUT DISRUPTING VEGETATION IN EXCESS OF WHAT IS DISTURBED FOR SEWERMAIN INSTALLATION.

RECORD DRAWINGS
JANUARY 2000

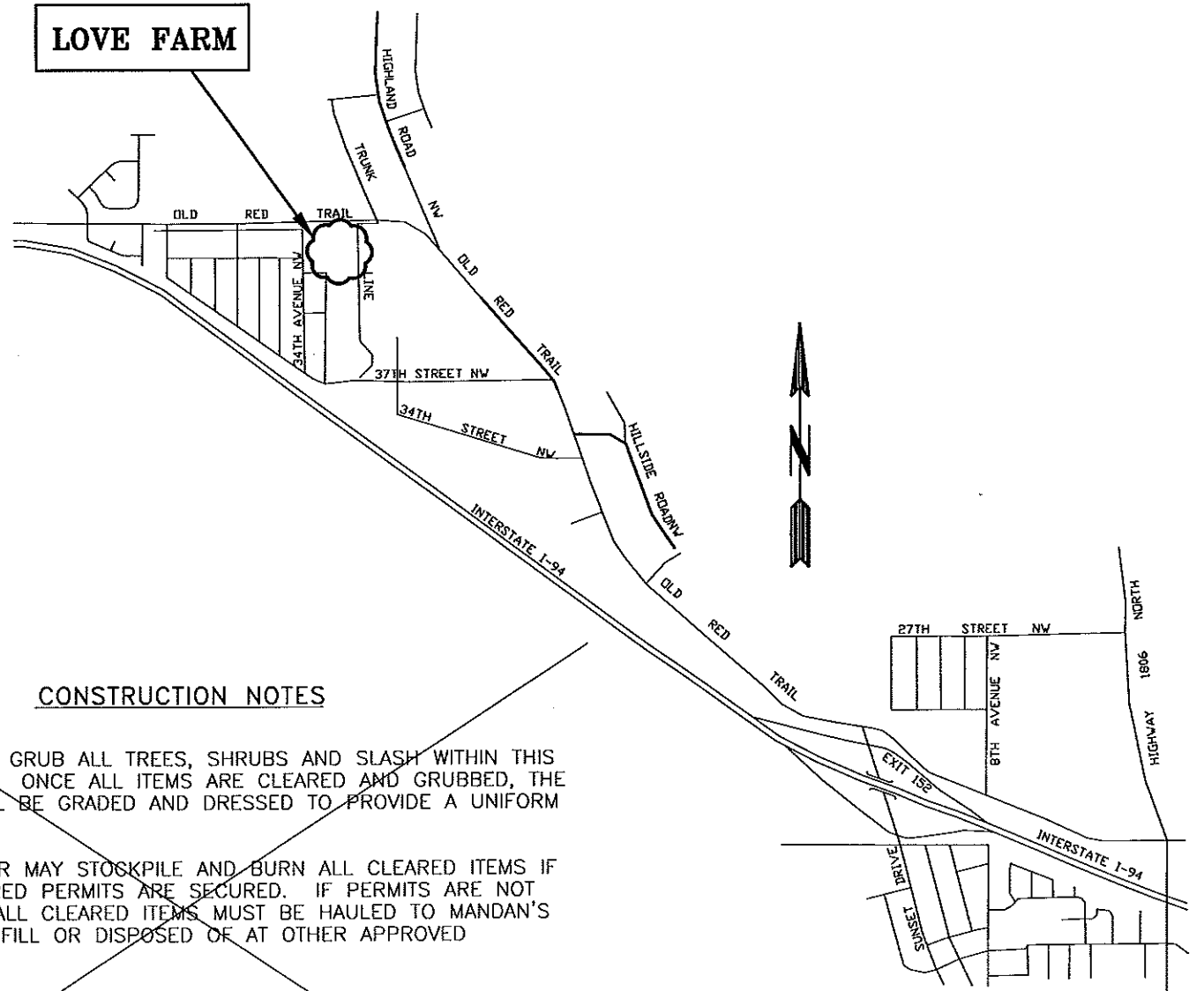


- LEGEND**
- SANITARY SEWER
 - . - . - SHAPING LIMITS
 - NEW CONTOURS
 - - - - - SILT FENCE

RAILROAD MUSEUM REGRADING	
SHEET 72	

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LOVE FARM SITE WORK



CONSTRUCTION NOTES

- ① CLEAR AND GRUB ALL TREES, SHRUBS AND SLASH WITHIN THIS BOUNDARY. ONCE ALL ITEMS ARE CLEARED AND GRUBBED, THE AREA SHALL BE GRADED AND DRESSED TO PROVIDE A UNIFORM LOOK.
- ② CONTRACTOR MAY STOCKPILE AND BURN ALL CLEARED ITEMS IF ALL REQUIRED PERMITS ARE SECURED. IF PERMITS ARE NOT SECURED, ALL CLEARED ITEMS MUST BE HAULED TO MANDAN'S INERT LANDFILL OR DISPOSED OF AT OTHER APPROVED LOCATIONS.
- ③ CONTRACTOR MAY UTILIZE THE LOVE FARM SITE AS A STAGING AREA. ALL AREAS TO BE RESTORED ONCE THE AREA IS NO LONGER USED AS A STAGING AREA.
- ④ DO NOT REMOVE EVERGREEN. ALL COSTS ASSOCIATED WITH THE PROTECTION OF THIS EVERGREEN ARE INCIDENTAL.

RECORD DRAWINGS
JANUARY 2000

**LOVE FARM
SITE WORK**

SHEET 73

