

ENGINEERING PLANS FOR THE CONSTRUCTION OF OFFSITE SANITARY SEWER (OSS) - DENTON COUNTY

FOR

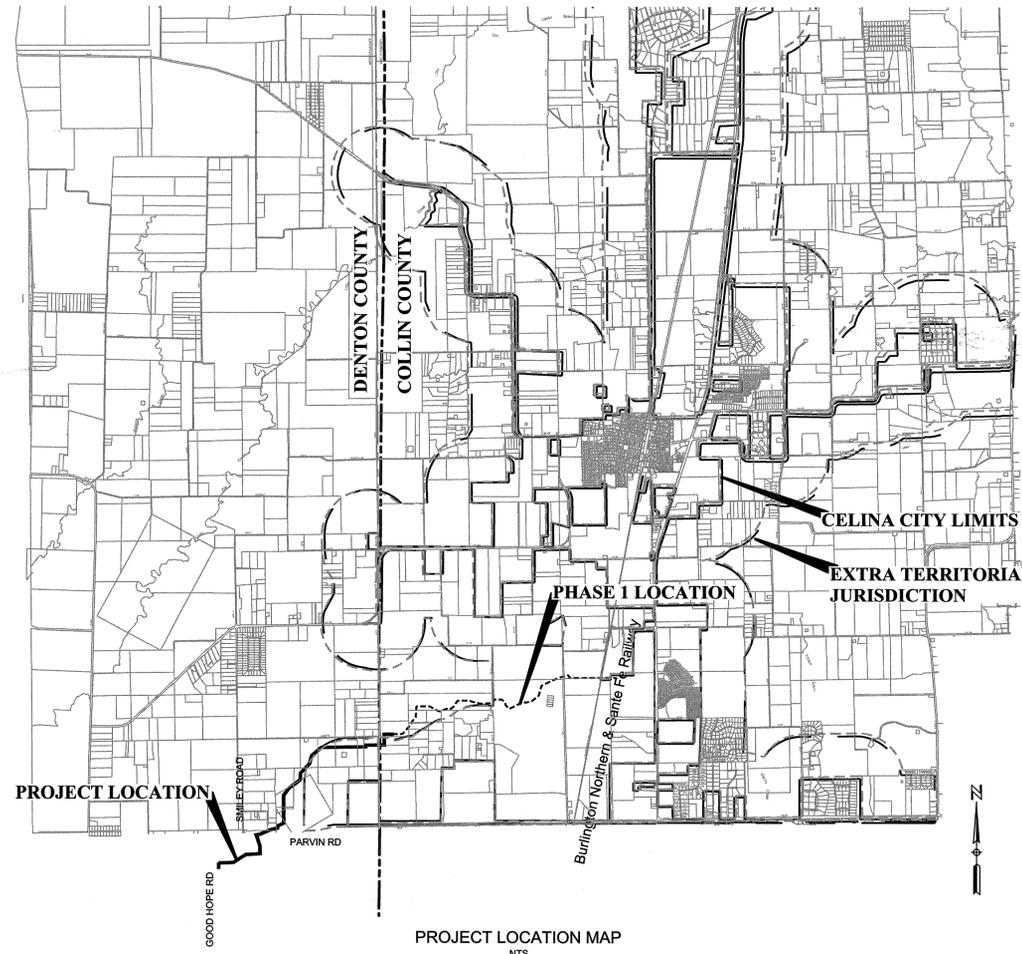
LIGHT FARMS CITY OF CELINA, TEXAS

GENERAL NOTES

- The Contractor shall have in his possession prior to the commencement of construction all necessary permits, licenses, etc.
- All work shall conform to the N.C.T.C.O.G. standards and specifications, Third Edition, January 1998, unless otherwise indicated on the plans and specifications. In the event an item is not covered in the N.C.T.C.O.G. standards and specifications, the district engineer's decision shall apply. In the event of a conflict with N.C.T.C.O.G., the design engineer shall be notified to provide clarification.
- Prior to any construction the Contractor shall familiarize himself with the contract documents, specifications, and plans including all notes. Failure on the part of the Contractor to familiarize himself with the designated standards and specifications pertaining to this work shall in no way relieve the Contractor of his responsibility for performing the work in accordance with all such standards and specifications.
- The owners engineer will perform certain construction staking. Reference the construction documents, which outline the scope of this service.
- The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The Contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities.
- It will be the responsibility of each Contractor to protect all existing public and private utilities throughout the construction of this project. Contractor shall contact the appropriate utility companies for line locations at least 48 hours prior to commencement of construction and shall assume full liability to those companies for any damages caused to their facilities.

City of Celina, general information	(972) 382-2682
CoServ	(800) 274-4014
Upper Trinity Regional Water District	(972) 219-1228
GTE Telecommunications	(800) 344-8377
TXU Electric	(817) 992-8107
Atmos Energy (Field Engineer Robin Richardson)	(972) 485-6204
- All Contractors must confine their activities to the work area. No encroachments onto adjacent developed or undeveloped property areas will be allowed unless specified in the plans. Any damage resulting therefrom shall be the Contractor's responsibility to repair.
- Other construction may be underway at the same time and in the general area of the subject project. It shall be the responsibility of the Contractor to notify and coordinate with other Contractors to determine a construction schedule that will offer the least hindrance to all involved. The owner's engineer will be notified of all coordination. In the event of a scheduling conflict the owner's engineer shall be notified immediately.
- Construction inspection will be performed by representatives of the owner, engineer, geotechnical engineer, and reviewing authorities and agencies. Unrestricted access shall be provided to them at all times. Contractor is responsible for understanding and scheduling required inspections.
- The Contractor shall be required to provide and maintain all necessary warning and safety devices (flashing lights, barricades, signs, etc., in conformance with the Texas Manual on Uniform Traffic Control, latest edition) to protect public safety and health until the work has been completed and accepted by the District.
- See Special Provision regarding saving and protection of trees that are not to be cleared. (Special Condition #7)
- Provide tree protection for 8 trees, as indicated by Engineer's field representative, consisting of orange construction fencing at the dripline; existing tree to remain. Do not allow construction activities within the drip line of the tree.
- Provide tree protection for 8 trees, as indicated by Engineer's field representative, consisting of orange construction fencing at the dripline; existing tree to remain. Where construction is required within the drip line of the tree, trimming and excavation activities are to be performed in such a manner to minimize damage and impact to the tree. Do not store materials or debris within drip line. Do not permit vehicles or foot traffic within drip where feasible.

SHEET NO.	INDEX OF DRAWINGS
1	COVER SHEET
2	SANITARY SEWER PLAN & PROFILE (STA. 98+32.50 TO STA. 106+25)
3	SANITARY SEWER PLAN & PROFILE (STA. 106+25 TO STA. 116+25)
4	SANITARY SEWER PLAN & PROFILE (STA. 116+25 TO STA. 126+25)
5	SANITARY SEWER PLAN & PROFILE (STA. 126+25 TO STA. 44+00)
6	SANITARY SEWER PLAN & PROFILE (STA. 44+00 TO STA. 54+00)
7	SANITARY SEWER PLAN & PROFILE (STA. 54+00 TO STA. 64+00)
8	SANITARY SEWER PLAN & PROFILE (STA. 64+00 TO STA. 74+00)
9	SANITARY SEWER PLAN & PROFILE (STA. 74+00 TO STA. 84+00)
10	SANITARY SEWER PLAN & PROFILE (STA. 84+00 TO STA. 94+00)
11	SANITARY SEWER PLAN & PROFILE (STA. 94+00 TO STA. 104+00)
12	SANITARY SEWER PLAN & PROFILE (STA. 104+00 TO STA. 114+00)
13	SANITARY SEWER PLAN & PROFILE (STA. 114+00 TO STA. 124+00)
14	SANITARY SEWER PLAN & PROFILE (STA. 124+00 TO STA. 134+00)
15	SANITARY SEWER PLAN & PROFILE (STA. 134+00 TO STA. 144+00)
16	SANITARY SEWER PLAN & PROFILE (STA. 144+00 TO STA. 154+00)
17	SANITARY SEWER PLAN & PROFILE (STA. 154+00 TO STA. 163+50)
18	SANITARY SEWER PLAN & PROFILE (STA. 163+50 TO STA. 168+45.56)
19	DETAILS
20	SCHEDULES & DETAILS



PROJECT LOCATION MAP
NTS

Developer:
Forestar / RPG Land Company, LLC
Mark Wagner
8401 North Central Expressway, Suite 350, Dallas, TX 75225
Phone: 214-292-3410 Fax: 214-292-3411

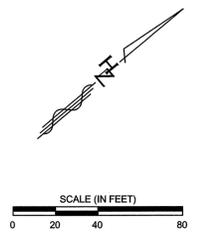
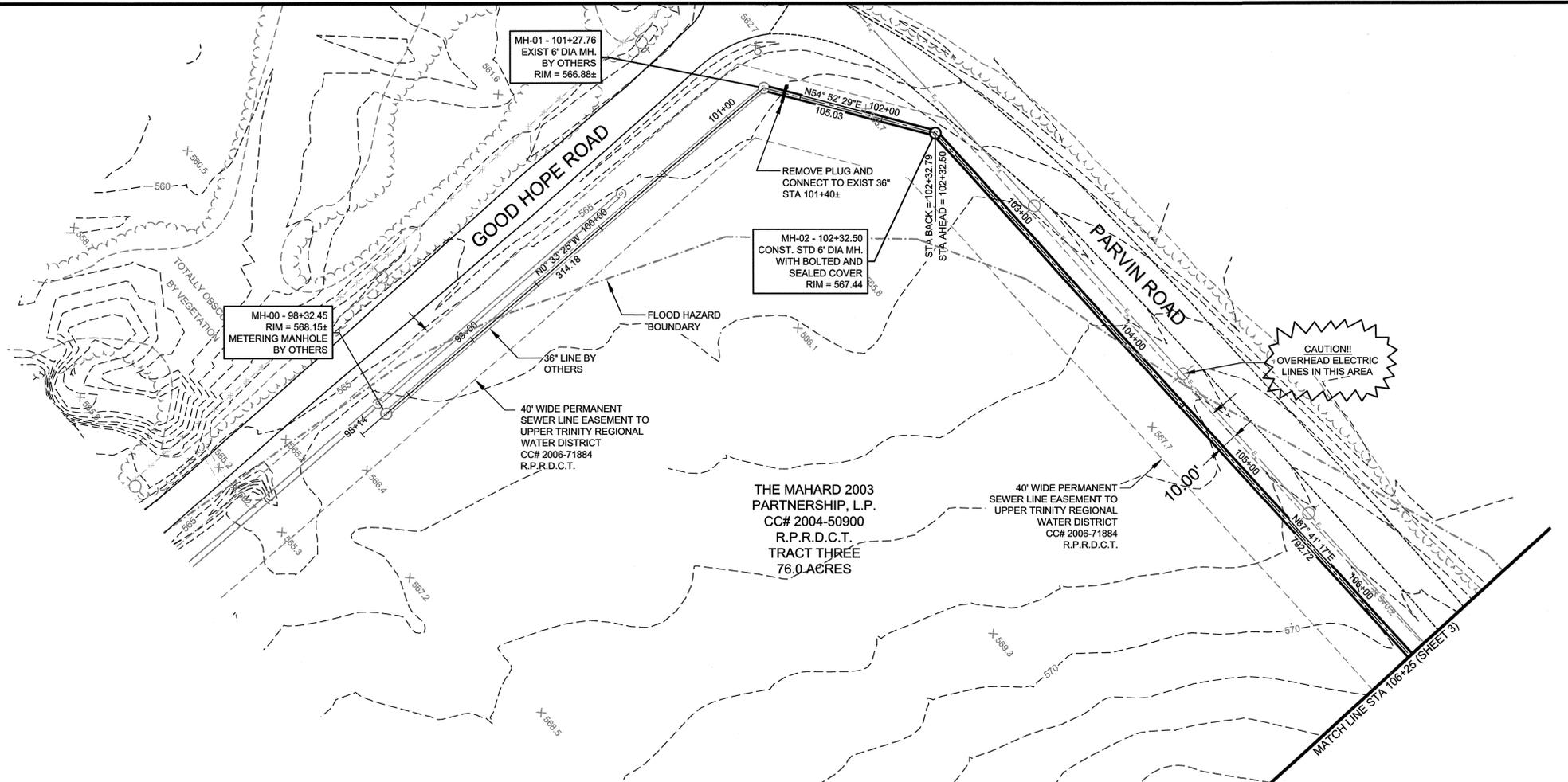
Prepared For:
THE CITY OF CELINA, TEXAS
Through:
COLLIN COUNTY MUNICIPAL UTILITY DISTRICT No. 1
c/o Republic Property Group
8401 North Central Expressway, Suite 350, Dallas TX 75227
Phone: 214-292-3410 Fax 214-292-3411

RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

PREPARED BY:
HUITT-ZOLLARS
Huitt-Zollars, Inc.
3131 McKinney Ave. Ste. 600 Dallas, Texas 75204
Phone (214) 871-3311 Fax (214) 871-0757



DATE	DESCRIPTION	REV. No.
9 JUN 2008	ISSUED FOR CONSTRUCTION	
REVISIONS AND ISSUE DATES		



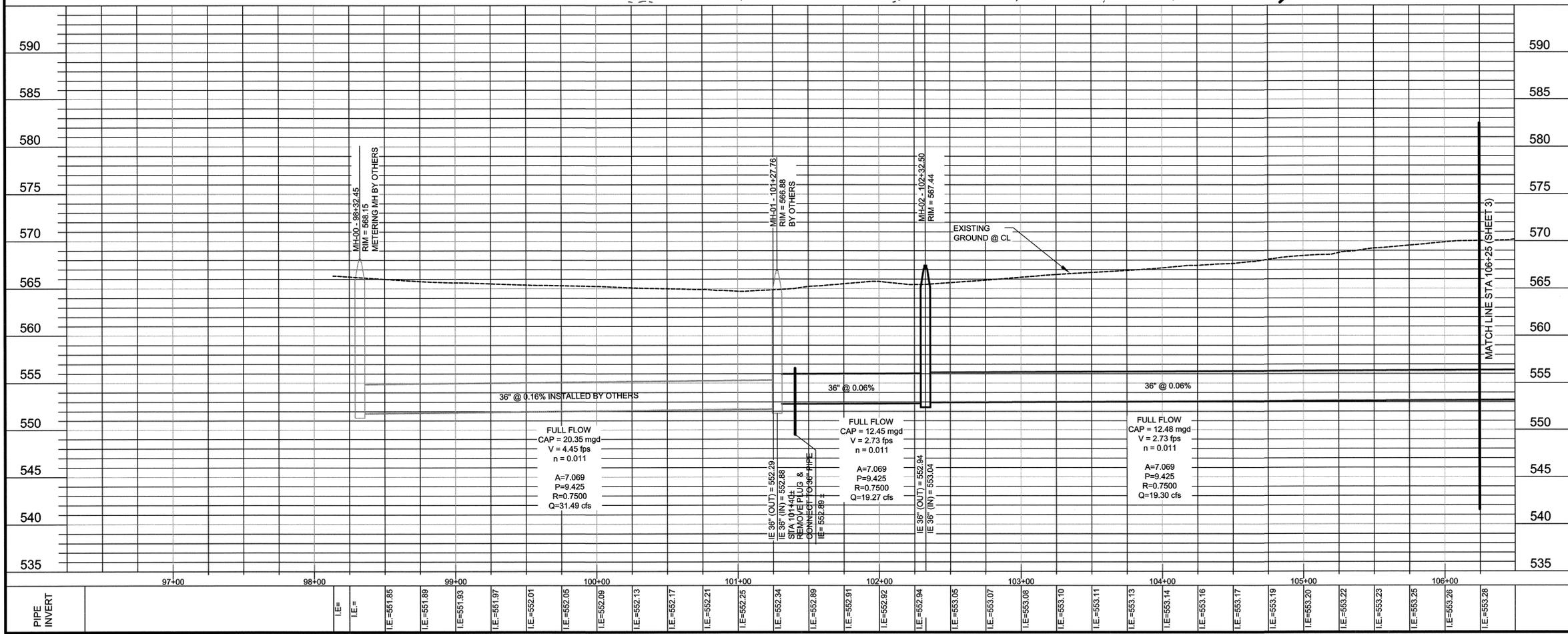
RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!! EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:**
- THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 - THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 - THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 - PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 - ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



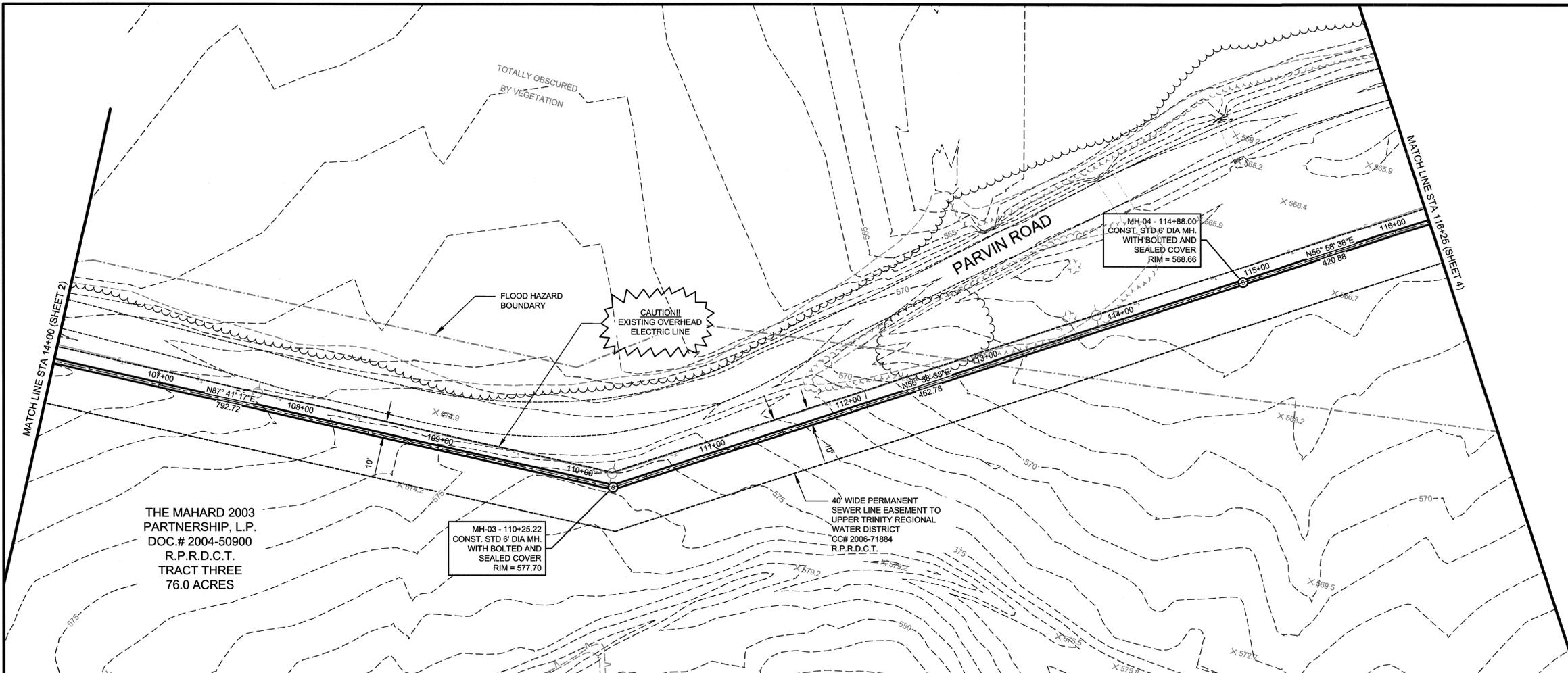
NO.	DATE	REVISIONS	APPROVED
1	18 JUL 2008	ALTER ALIGNMENT PER UTRWD COORDINATION	KNC

LIGHT FARMS OSS - DENTON COUNTY
STA. 98+32.50 TO STA. 106+25
REPUBLIC PROPERTY GROUP

HUITT-ZOLIARS
 Huitt-Zollars, Inc.
 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489
 Phone (214) 871-3311 Fax (214) 871-0757

CELINA, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	PROJECT ID	NO.
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'		01390501	2

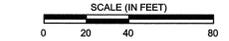


THE MAHARD 2003
PARTNERSHIP, L.P.
DOC.# 2004-50900
R.P.R.D.C.T.
TRACT THREE
76.0 ACRES

MH-03 - 110+25.22
CONST. STD 6" DIA MH.
WITH BOLTED AND
SEALED COVER
RIM = 577.70

MH-04 - 114+88.00
CONST. STD 6" DIA MH.
WITH BOLTED AND
SEALED COVER
RIM = 568.66

40' WIDE PERMANENT
SEWER LINE EASEMENT TO
UPPER TRINITY REGIONAL
WATER DISTRICT
CC# 2006-71884
R.P.R.D.C.T.



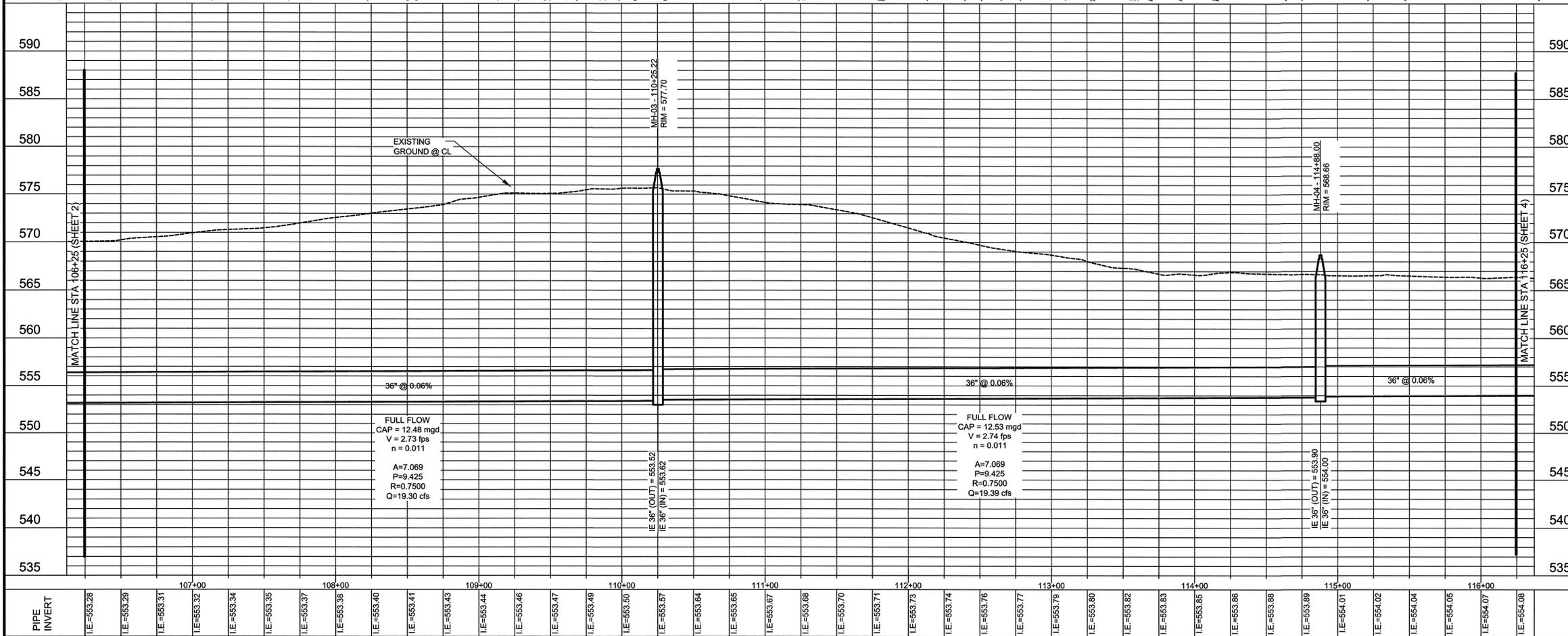
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:**
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

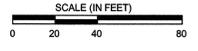
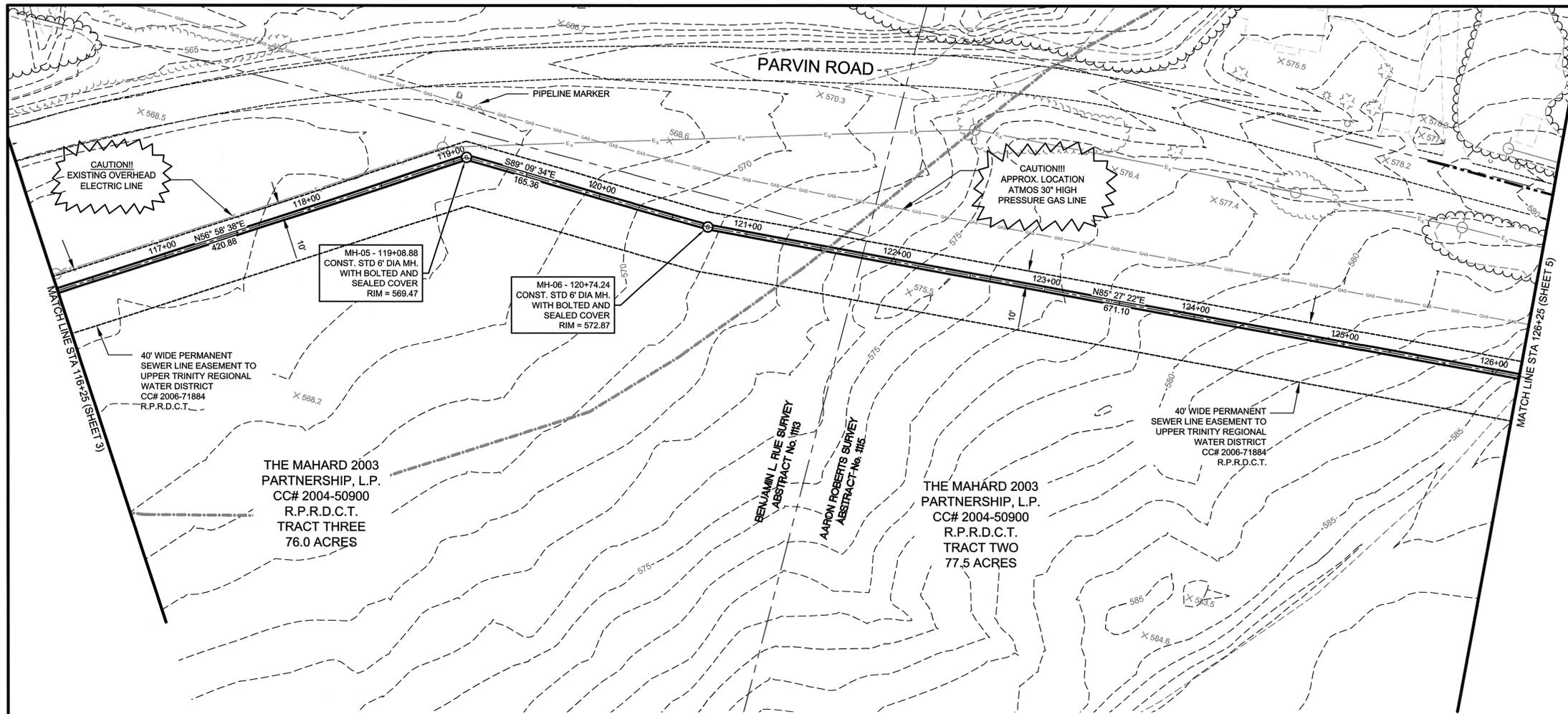
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 14+00 TO STA. 24+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS			
<small>Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 871-3311 Fax (214) 871-0157</small>			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6"
PROJECT ID	NO.	01390501	3
			20



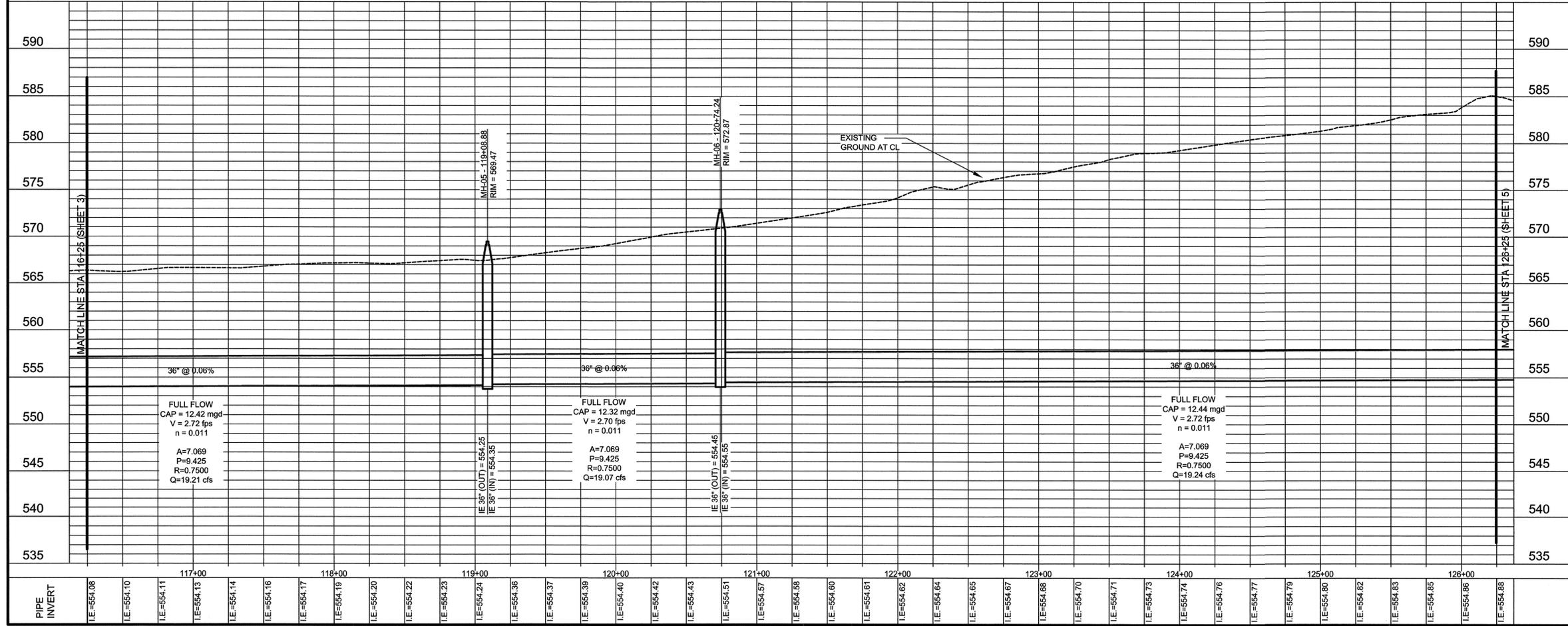
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN
PREPARED BASED IN PART UPON
INFORMATION FURNISHED BY OTHERS. THE
DESIGN PROFESSIONAL CANNOT ASSURE
THE ACCURACY OF OTHERS INFORMATION
AND THIS IS NOT RESPONSIBLE FOR THE
ACCURACY OF THIS RECORD DOCUMENT OR
FOR ANY ERROR OR OMISSION THAT MAY
HAVE BEEN INCORPORATED INTO IT AS A
RESULT. THOSE RELYING ON THIS RECORD
DOCUMENT ARE ADVISED TO OBTAIN
INDEPENDENT VERIFICATION OF ITS
ACCURACY BEFORE APPLYING IT FOR ANY
PURPOSE.

**CAUTION!!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES
INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM
REFERENCE INFORMATION. IT SHALL BE THE
RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH
HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL
EXISTING UTILITIES AND UNDERGROUND FACILITIES
PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL
TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT
ALL FACILITIES ENCOUNTERED. THE CONTRACTOR
SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES
FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE
CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON,
FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM F-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5.
ELEV. = 603.44'

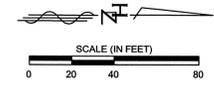
TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 24+00 TO STA. 34+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLIARS			Huitt-Zoliars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2499 Phone (214) 871-3311 Fax (214) 871-0757
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	4		

SALVADOR N. BUENTELLO, JR.,
AND
WIFE, JERE BUENTELLO
vol. 2633, pg. 648
R.P.R.D.C.T.
15.7231 ACRES



RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)

- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5.
ELEV. = 603.44'

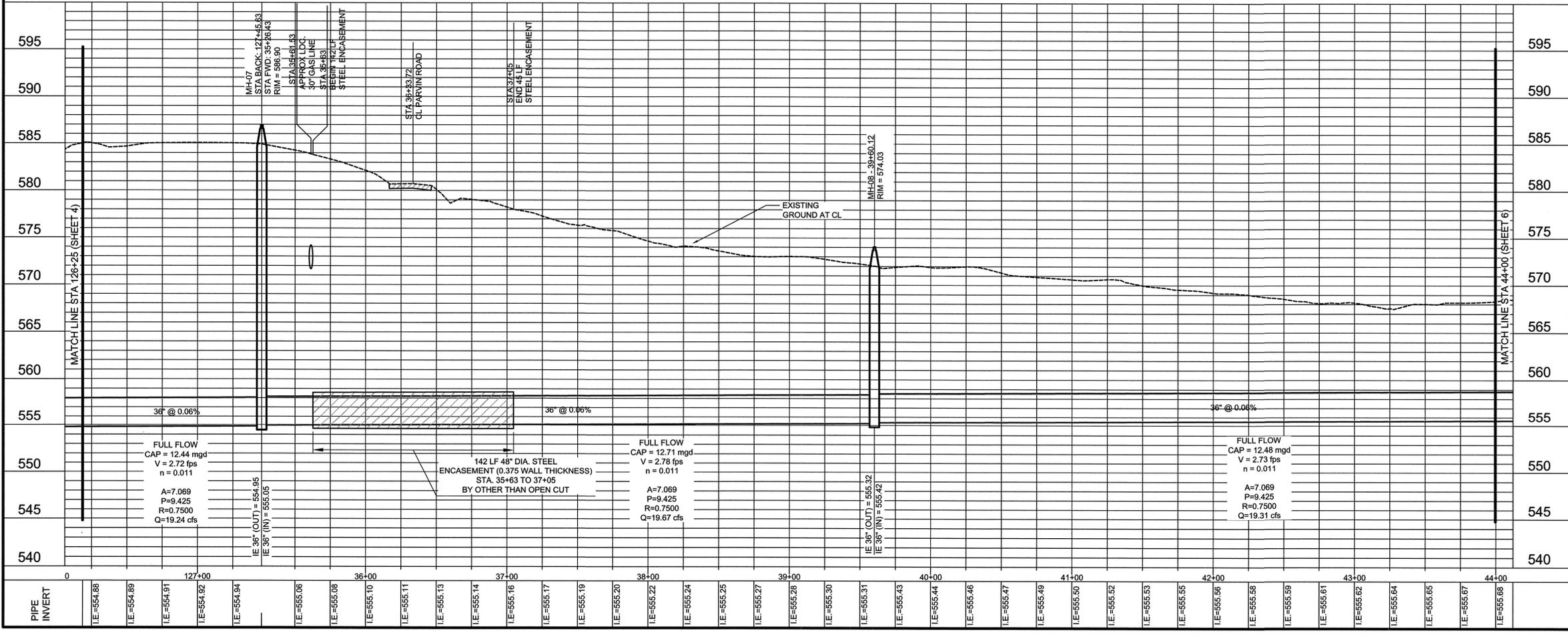
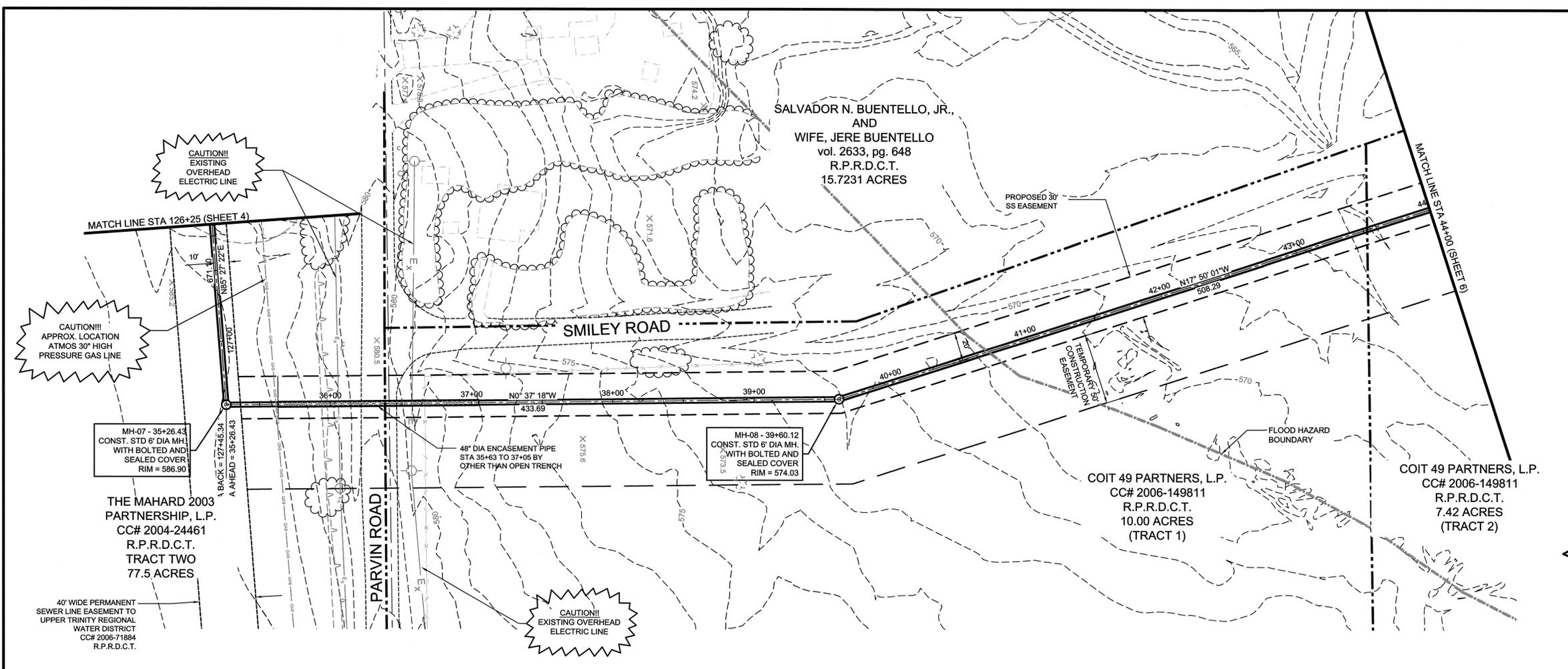
TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
ELEV. = 581.74'

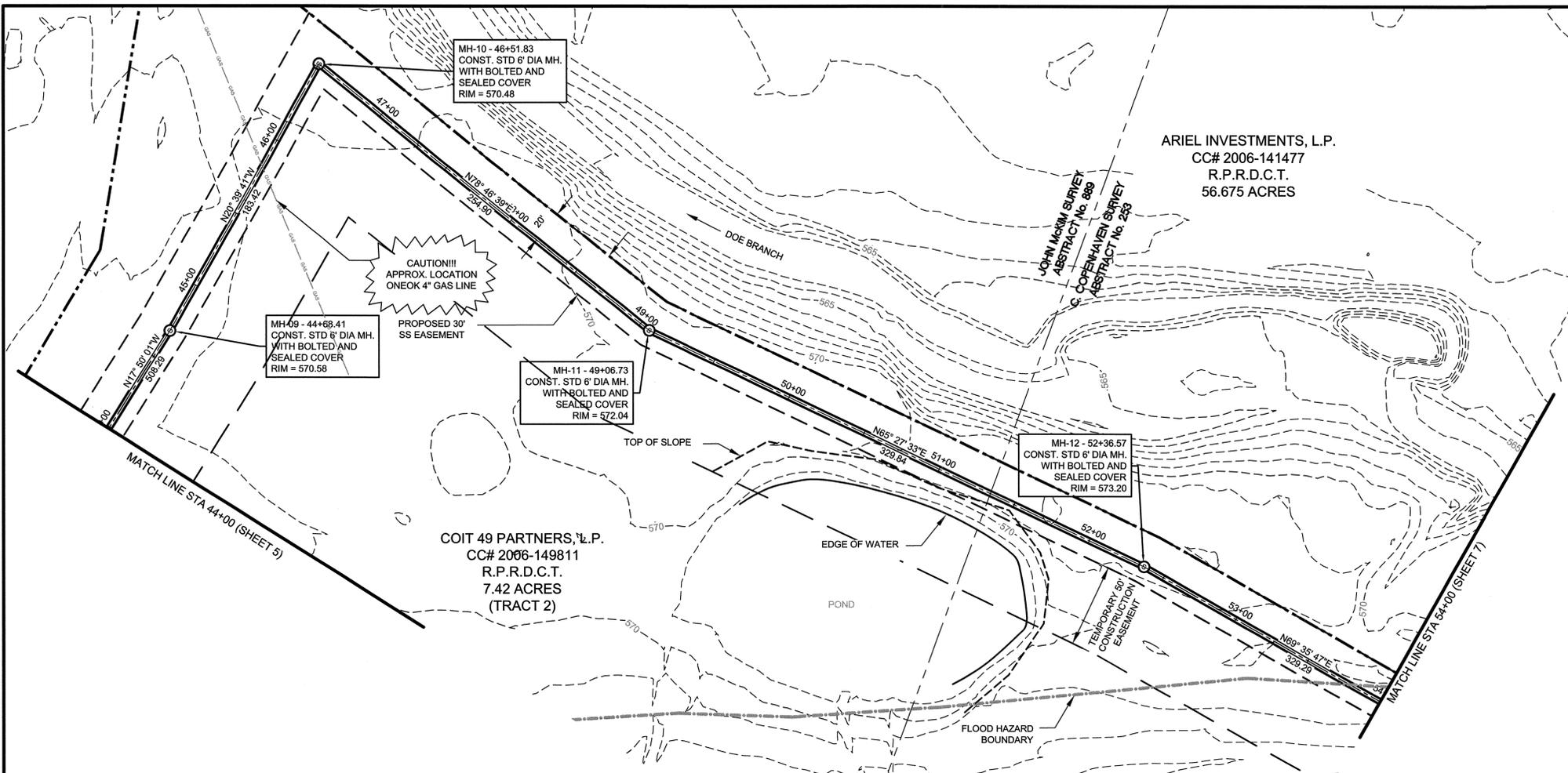


NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 126+25 TO STA. 44+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS			
<small>Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 871-3311 Fax (214) 871-0757</small>			
CELINA, TEXAS			

DESIGN	DRAWN	DATE	SCALE	NOTES	PROJECT ID	NO.
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6"		01390501	5 20



I:\proj\01390501\ACTIVE\CD\LF-OSS DENTON - AS BUILT\05_34+00 - 44+00.dwg



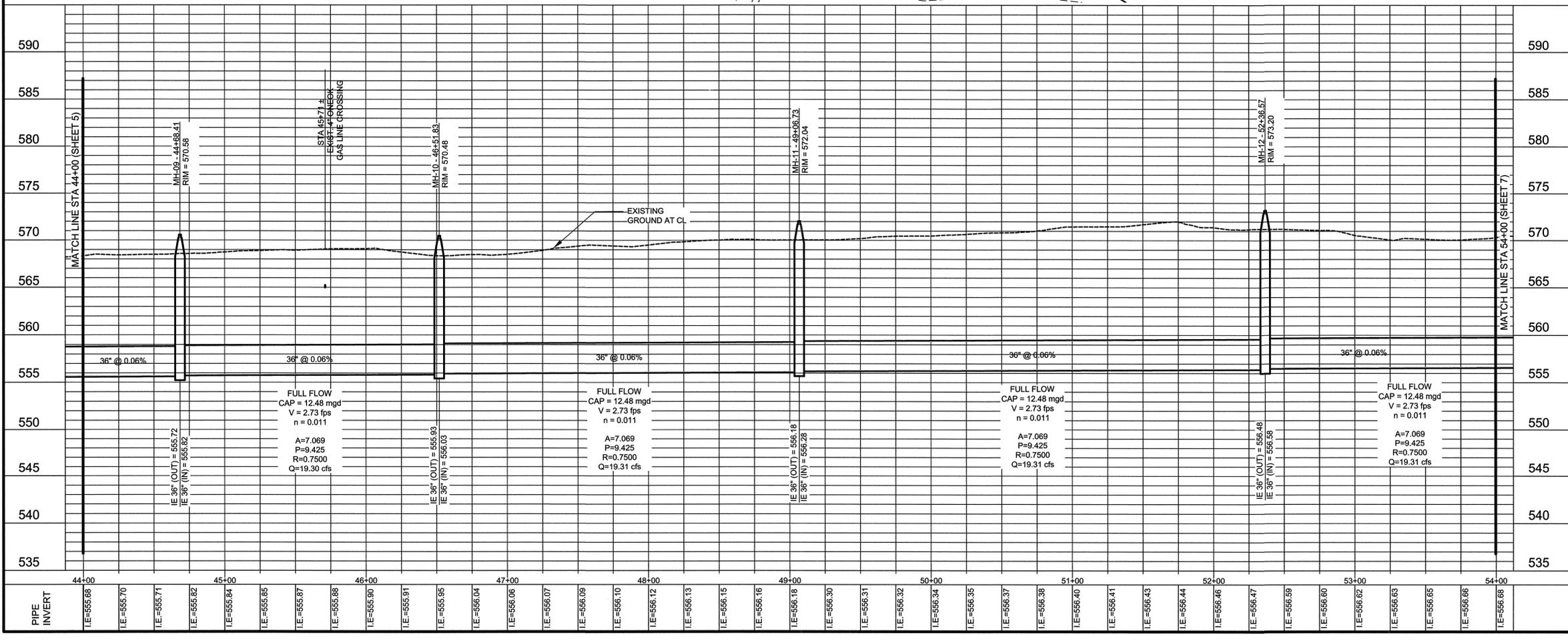
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED

BENCH MARKS:

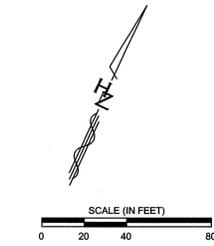
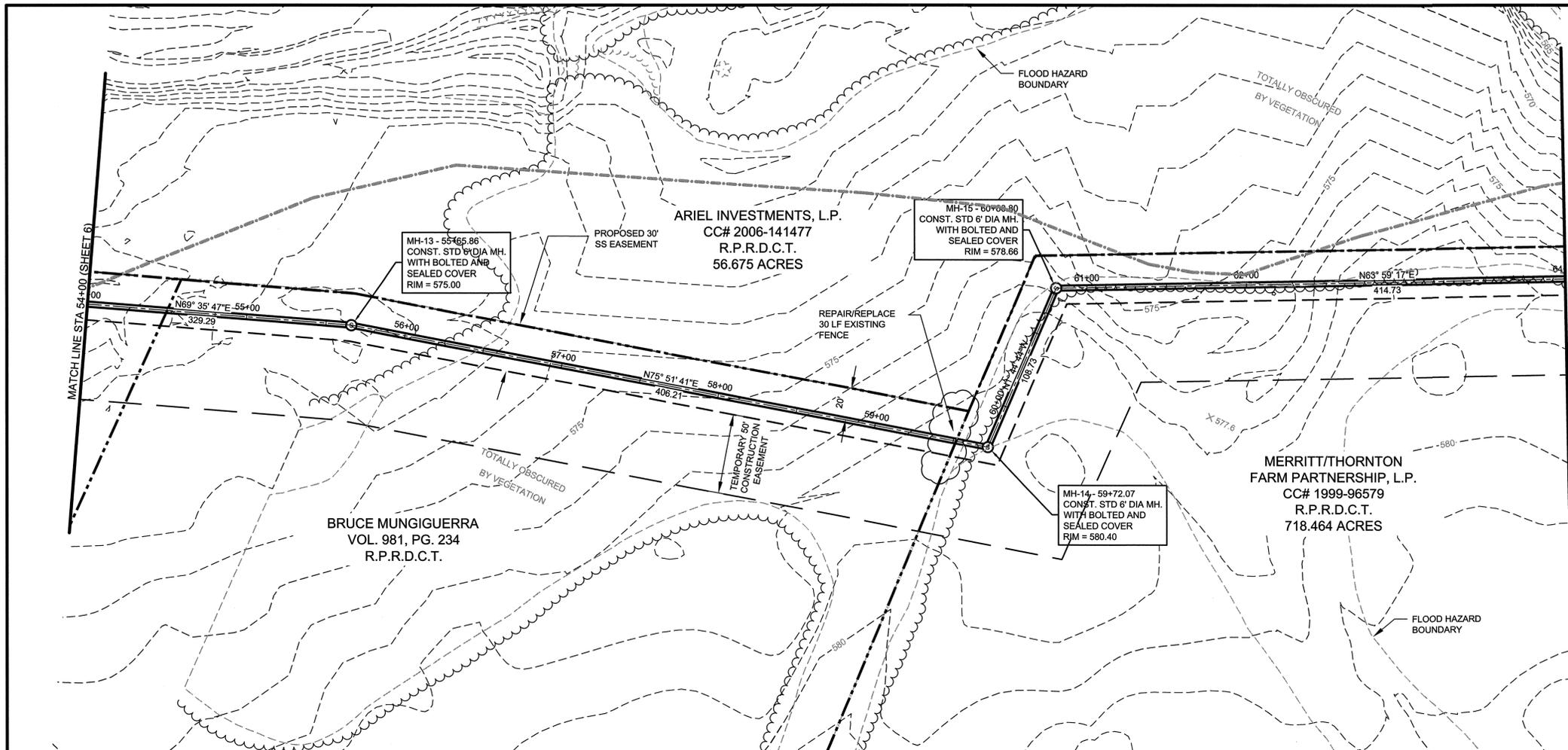
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5.
ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 44+00 TO STA. 54+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 971-5311 Fax (214) 971-0727			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6"
PROJECT ID	NO.	01390501	6
			20



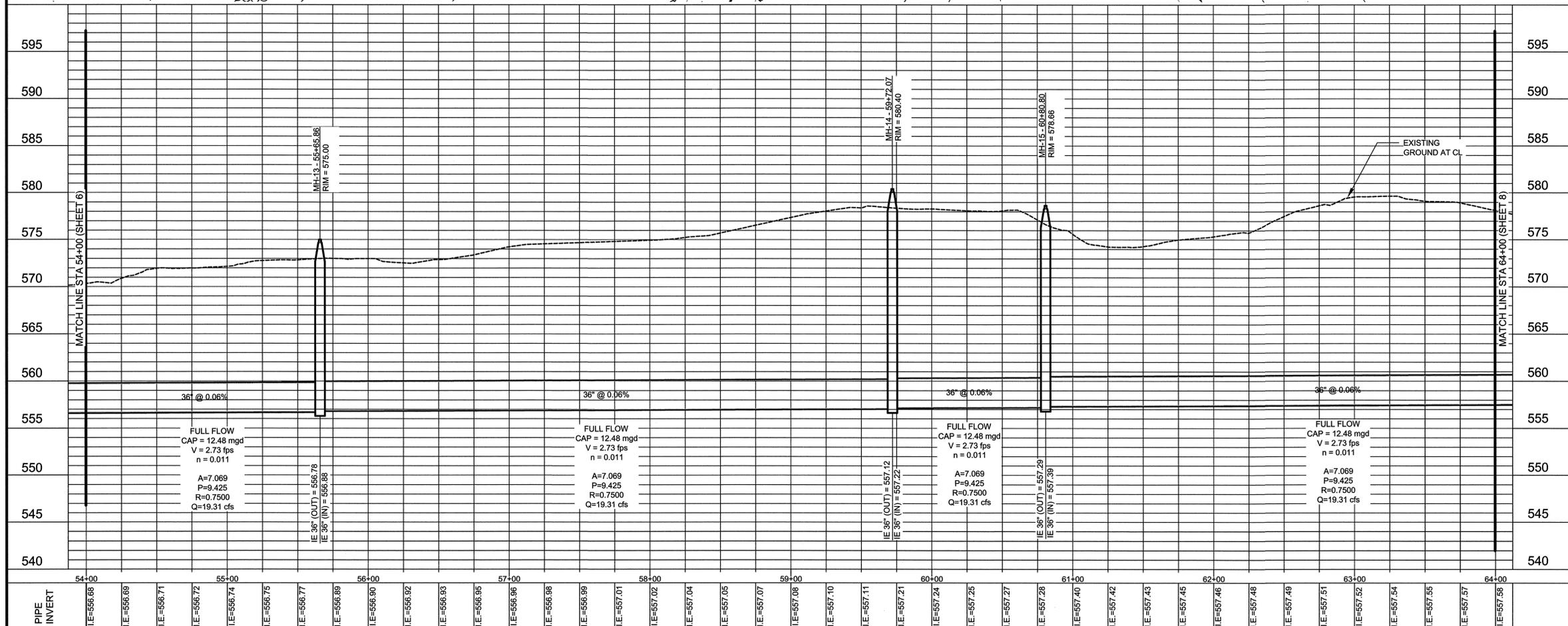
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:**
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED

BENCH MARKS:

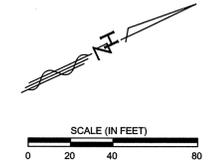
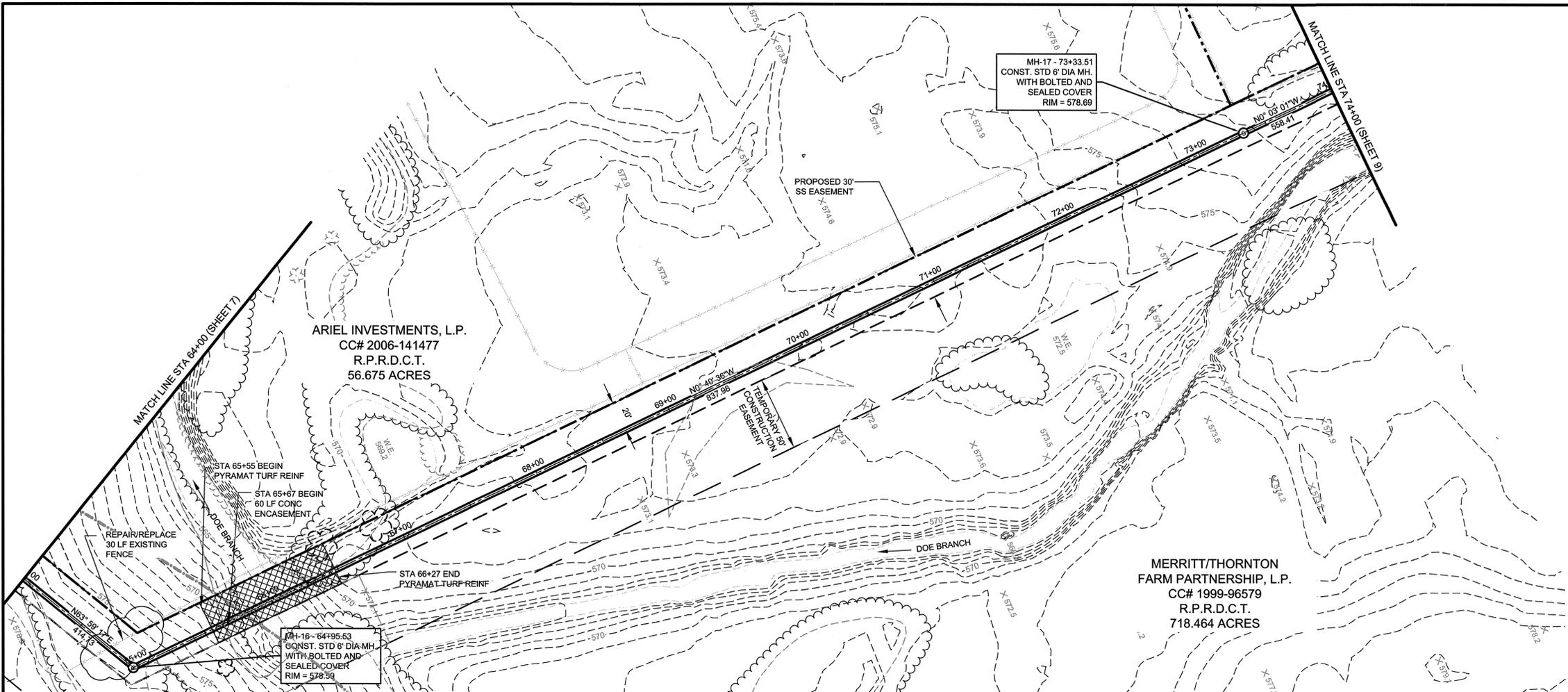
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF FARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 54+00 TO STA. 64+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	7		



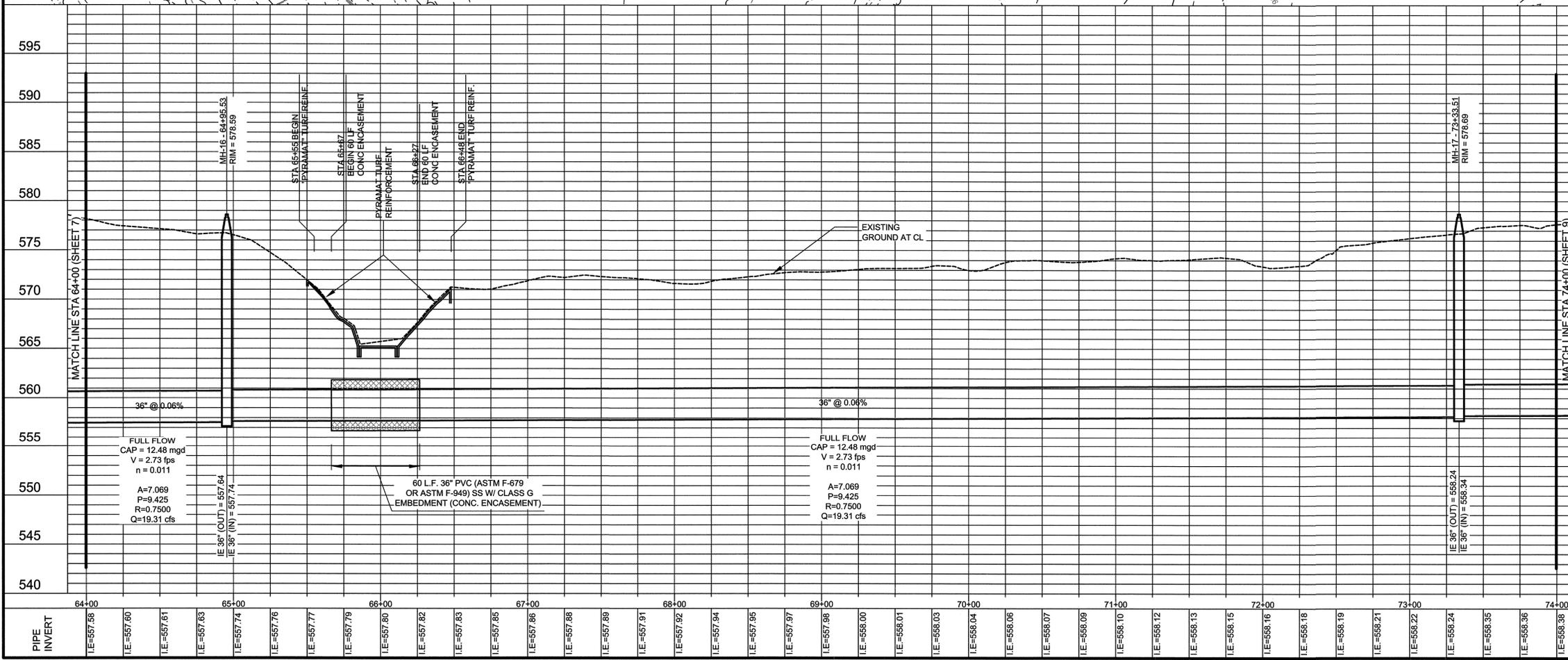
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED

BENCH MARKS:

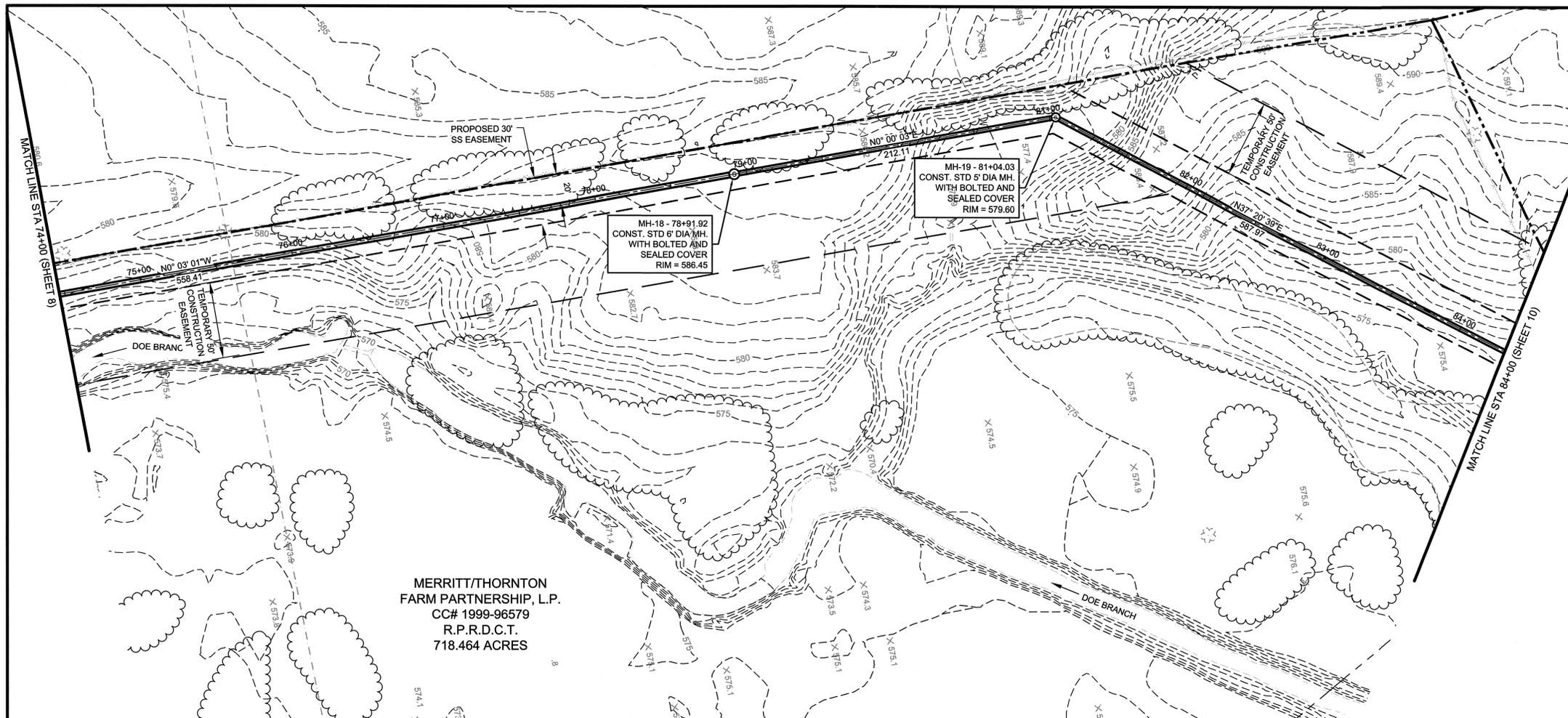
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5.
ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
ELEV. = 598.06'

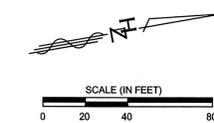
TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 64+00 TO STA. 74+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS			
<small>Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 871-3311 Fax (214) 871-0767</small>			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.	01390501	8
			20



MERRITT/THORNTON
FARM PARTNERSHIP, L.P.
CC# 1999-96579
R.P.R.D.C.T.
718.464 ACRES



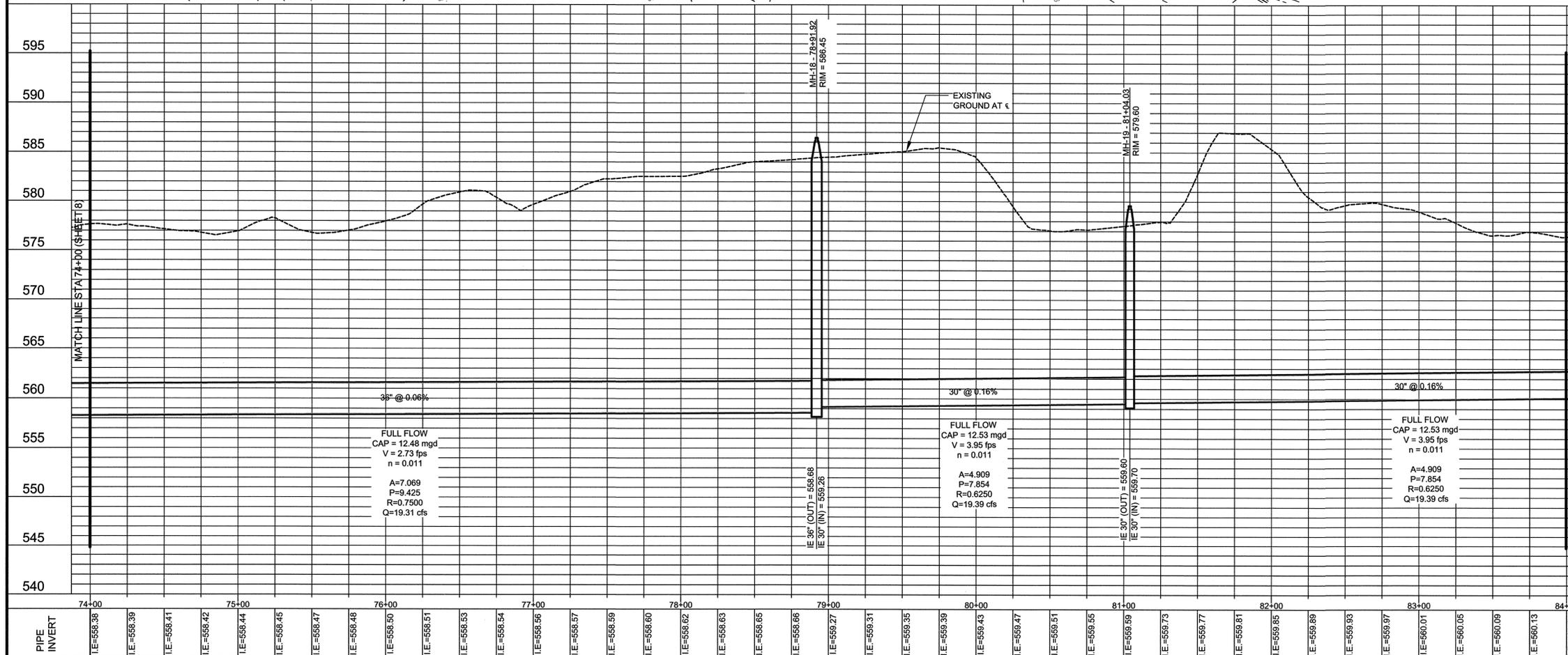
RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



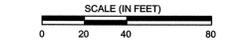
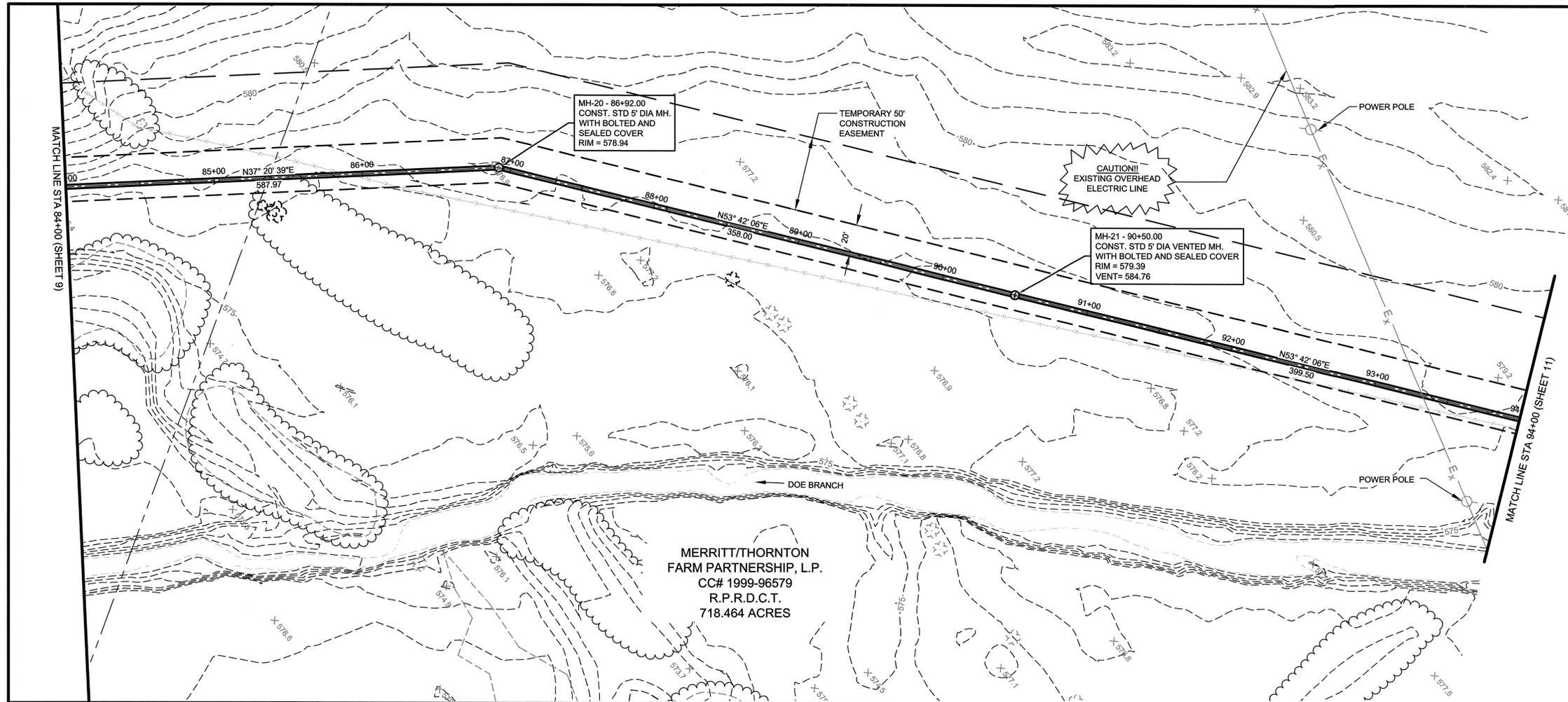
NO.	DATE	REVISIONS	APPROVED

LIGHT FARMS OSS - DENTON COUNTY
STA. 74+00 TO STA. 84+00
REPUBLIC PROPERTY GROUP

HUITT-ZOLLARS
Huitt-Zollars, Inc.
3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489
Phone (214) 971-3311 Fax (214) 971-0727

CELINA, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	PROJECT ID	NO.
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'		01390501	9



RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)

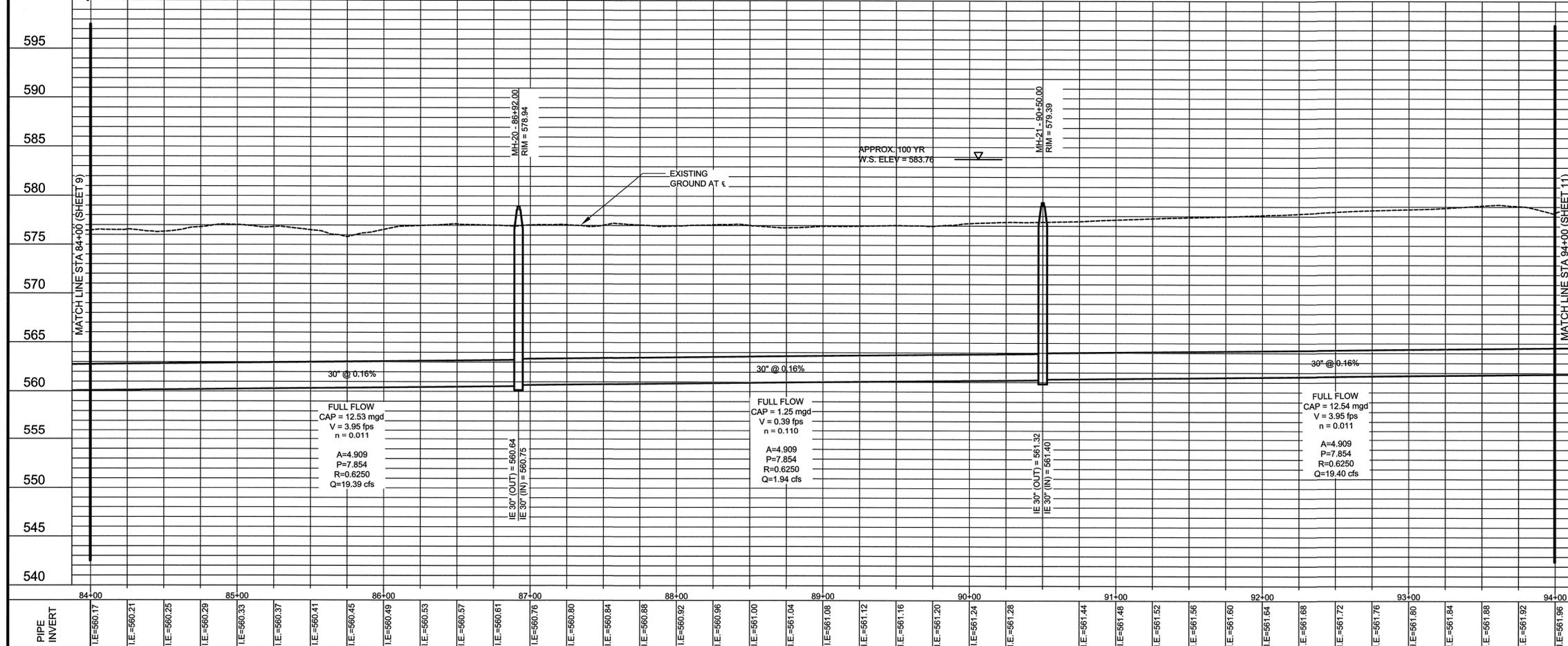
- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



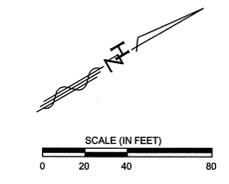
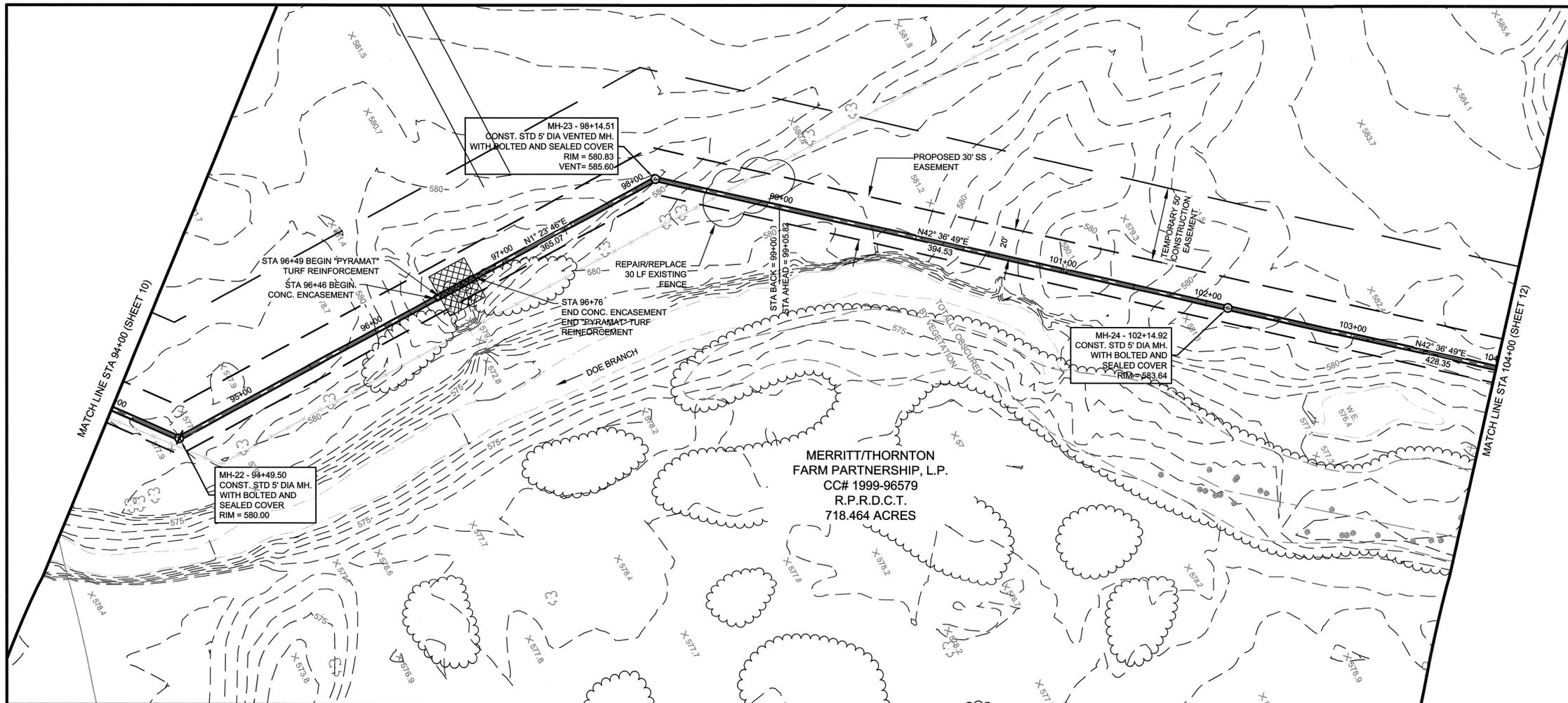
NO.	DATE	REVISIONS	APPROVED

LIGHT FARMS OSS - DENTON COUNTY
STA. 84+00 TO STA. 94+00
REPUBLIC PROPERTY GROUP

HUITT-ZOLLARS
 Huitt-Zollars, Inc.
 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489
 Phone (214) 871-3311 Fax (214) 871-0757

CELINA, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	PROJECT ID	NO.
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'		01390501	10 20



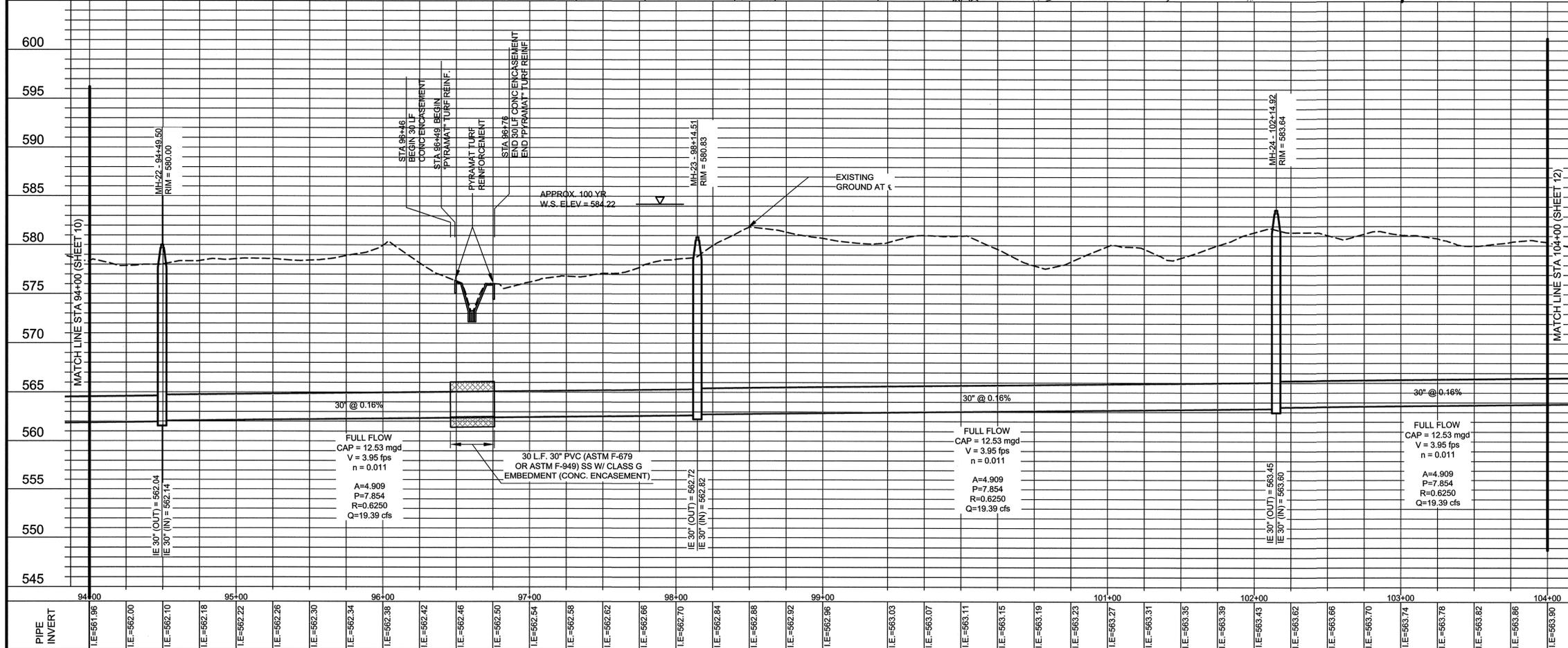
RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

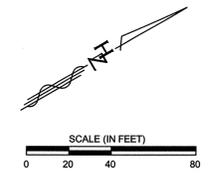
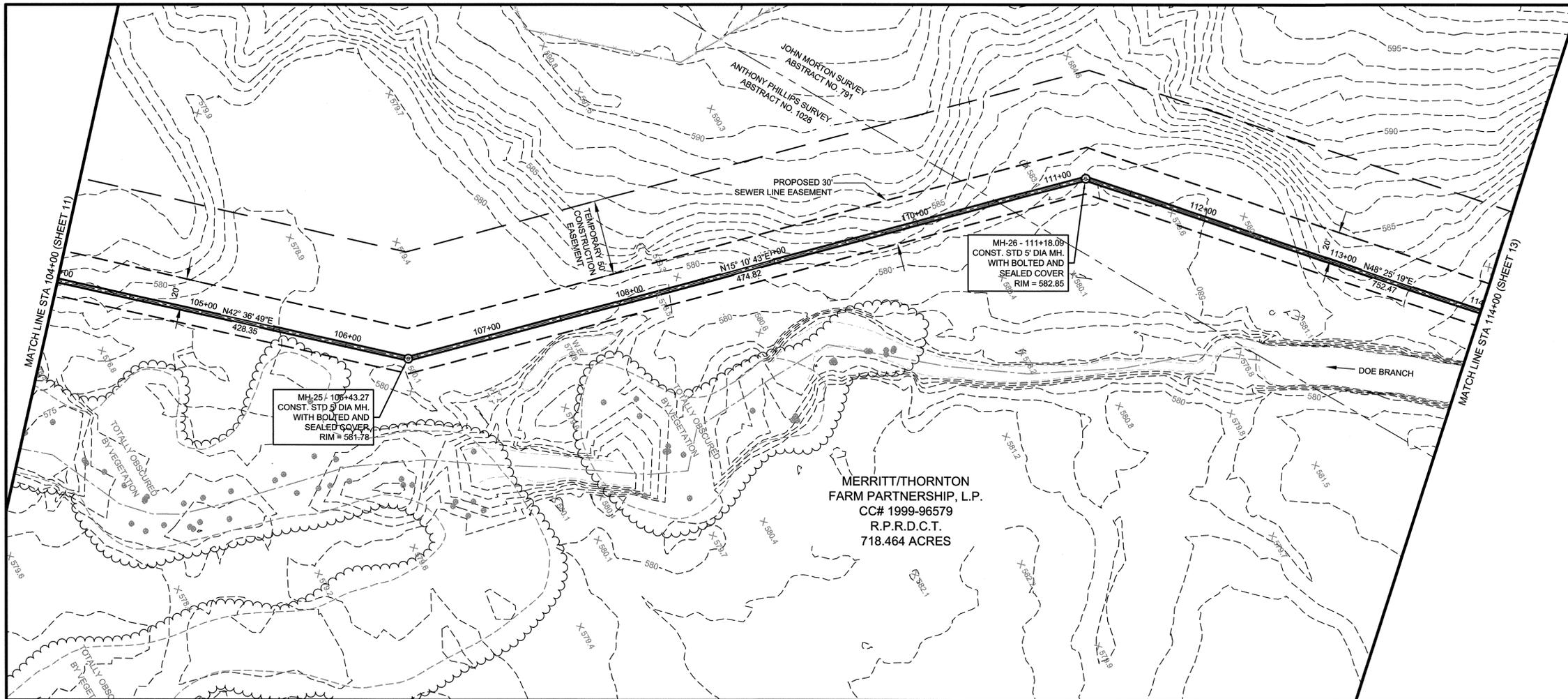
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 94+00 TO STA. 104+00			
REPUBLIC PROPERTY GROUP			
HUETT-ZOLLARS			
Huell-Zollars, Inc. 3131 McGraw Avenue, Suite 600 Dallas, Texas 75204-2499 Phone (214) 871-3311 Fax (214) 871-0757			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6"
PROJECT ID	NO.		
01390501	11		20



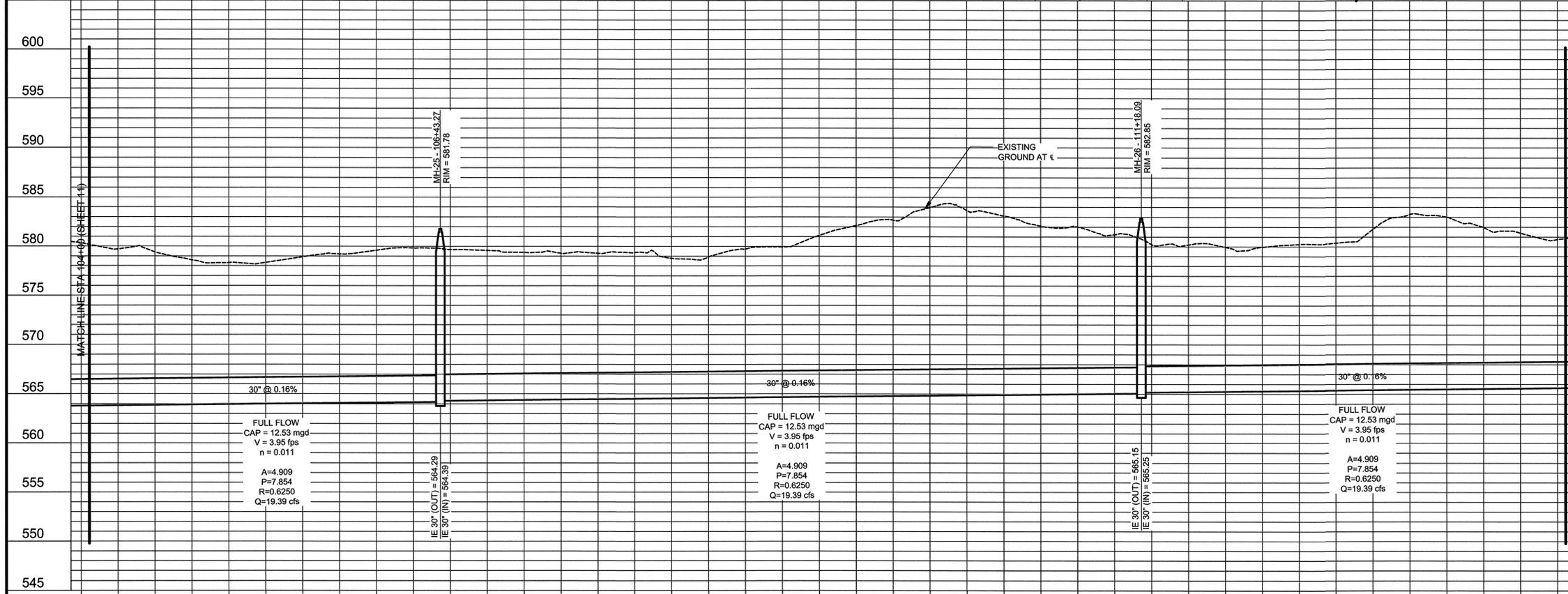
RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5. ELEV. = 603.44'

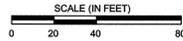
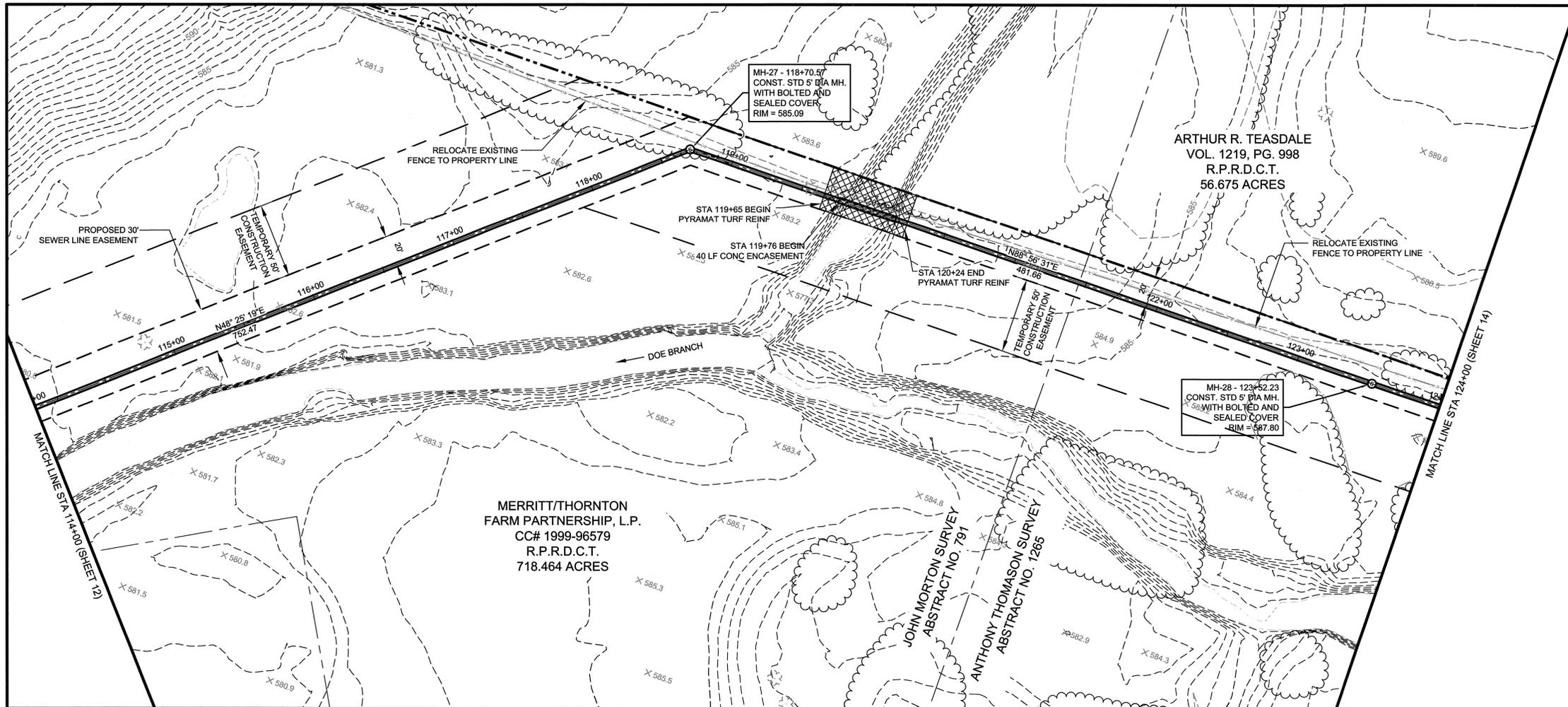
TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED

LIGHT FARMS OSS - DENTON COUNTY						
STA. 104+00 TO STA. 114+00						
REPUBLIC PROPERTY GROUP						
HUITT-ZOLLARS						
CELINA, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	PROJECT ID	NO.
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'		01390501	12/20



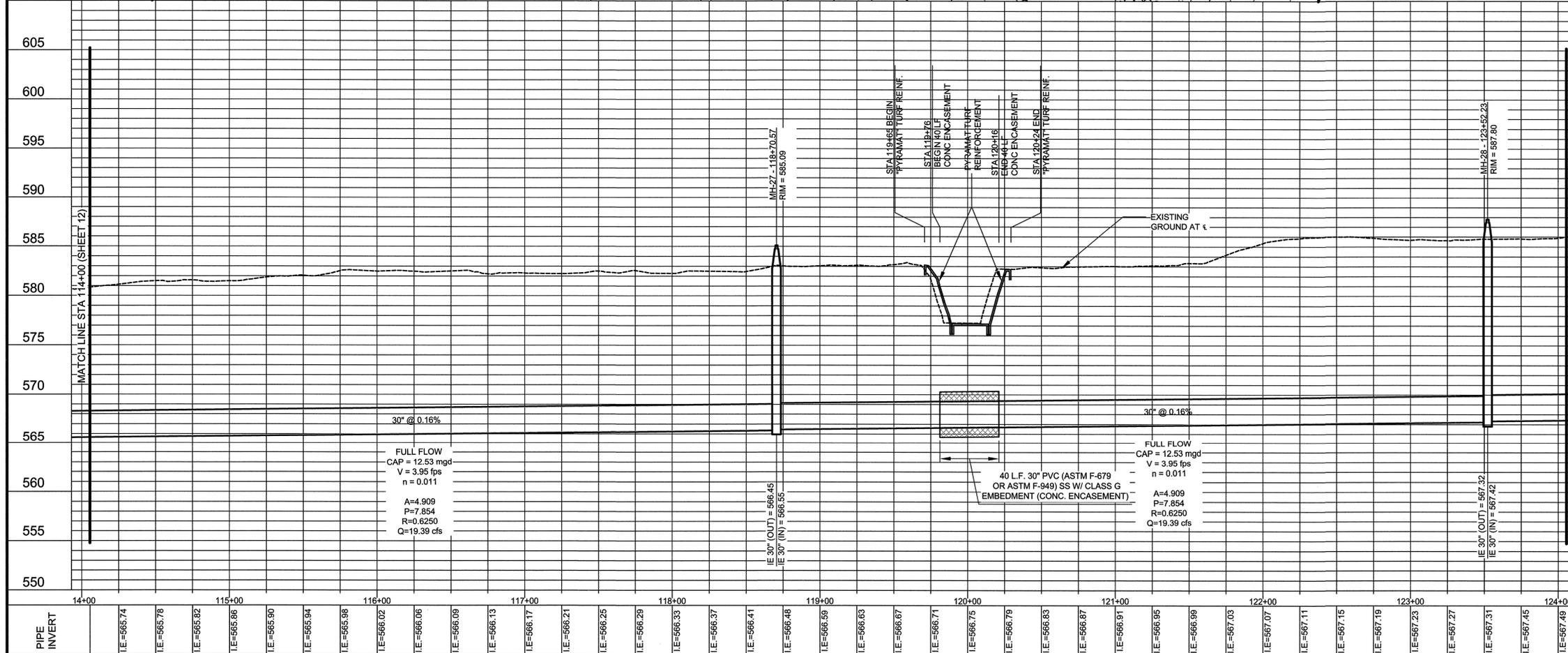
RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:**
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

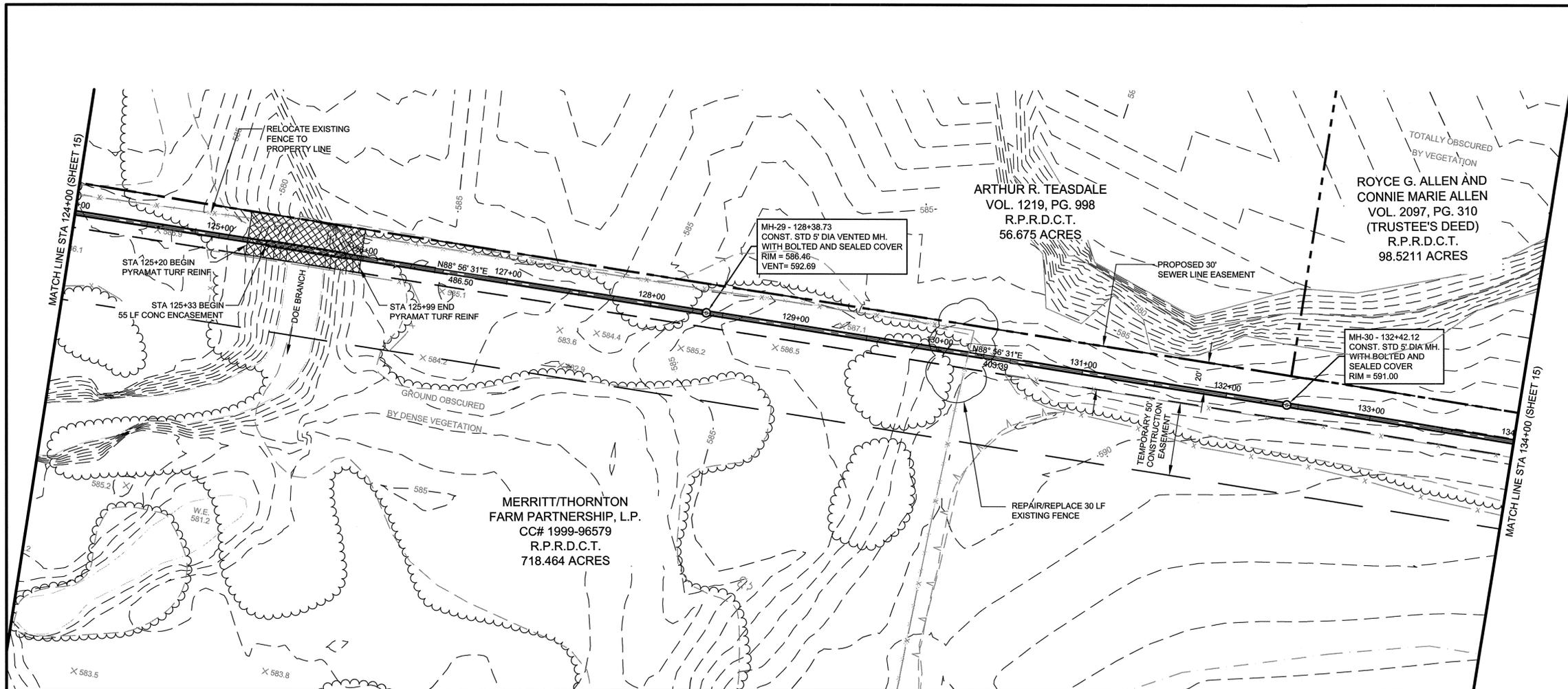
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5.
 ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
 ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
 ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 114+00 TO STA. 124+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLLARS			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	08/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	13		



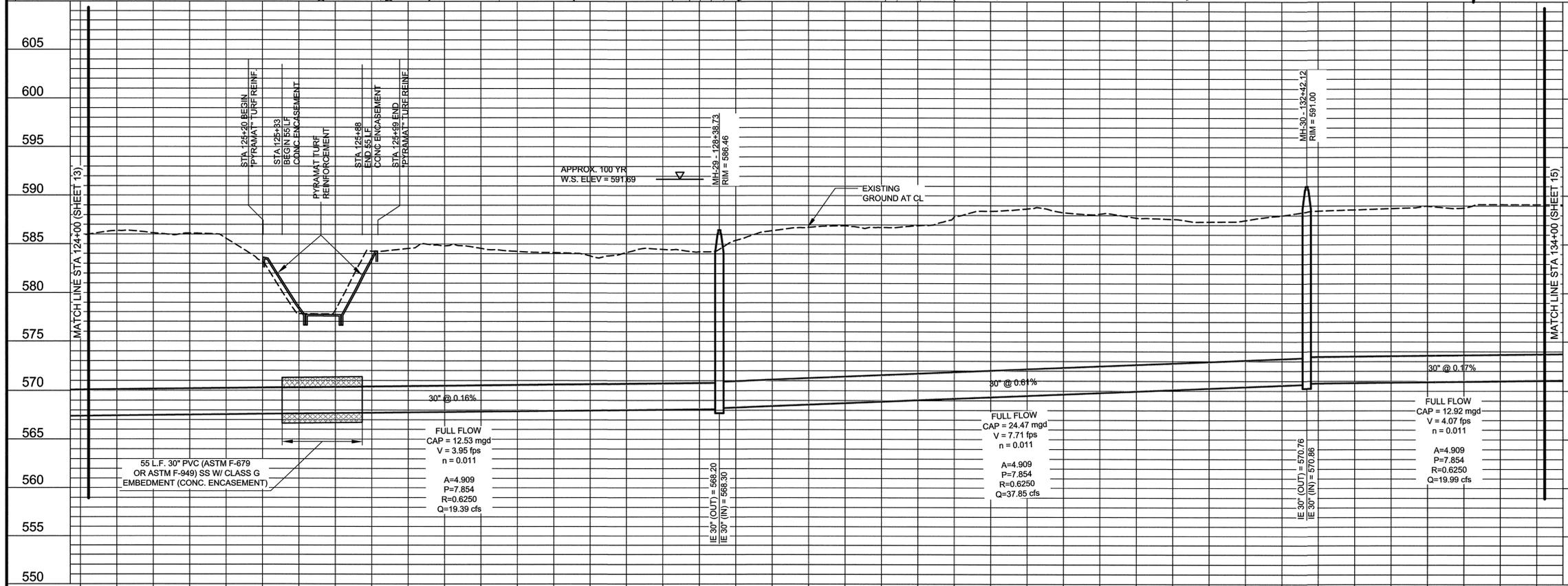
RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

CAUTION!!
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)



- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED

BENCH MARKS:

TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO. 5. ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'

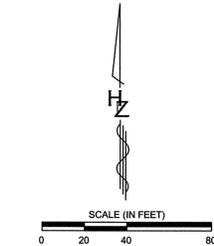
TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET ± EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED

LIGHT FARMS OSS - DENTON COUNTY
STA. 124+00 TO STA. 134+00
REPUBLIC PROPERTY GROUP
HUITT-ZOLLARS
 Huitt-Zollars, Inc.
 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489
 Phone (214) 971-3311 Fax (214) 971-0767
CELINA, TEXAS

PIPE INVERT	24+00	125+00	126+00	127+00	128+00	130+00	132+00	133+00	134+00
I.E. = 567.53	I.E. = 567.57	I.E. = 567.61	I.E. = 567.65	I.E. = 567.69	I.E. = 567.73	I.E. = 567.77	I.E. = 567.81	I.E. = 567.85	I.E. = 567.89
I.E. = 567.93	I.E. = 567.97	I.E. = 568.01	I.E. = 568.05	I.E. = 568.09	I.E. = 568.13	I.E. = 568.17	I.E. = 568.21	I.E. = 568.25	I.E. = 568.29
I.E. = 568.33	I.E. = 568.37	I.E. = 568.41	I.E. = 568.45	I.E. = 568.49	I.E. = 568.53	I.E. = 568.57	I.E. = 568.61	I.E. = 568.65	I.E. = 568.69
I.E. = 568.73	I.E. = 568.77	I.E. = 568.81	I.E. = 568.85	I.E. = 568.89	I.E. = 568.93	I.E. = 568.97	I.E. = 569.01	I.E. = 569.05	I.E. = 569.09
I.E. = 569.13	I.E. = 569.17	I.E. = 569.21	I.E. = 569.25	I.E. = 569.29	I.E. = 569.33	I.E. = 569.37	I.E. = 569.41	I.E. = 569.45	I.E. = 569.49
I.E. = 569.53	I.E. = 569.57	I.E. = 569.61	I.E. = 569.65	I.E. = 569.69	I.E. = 569.73	I.E. = 569.77	I.E. = 569.81	I.E. = 569.85	I.E. = 569.89
I.E. = 569.93	I.E. = 569.97	I.E. = 570.01	I.E. = 570.05	I.E. = 570.09	I.E. = 570.13	I.E. = 570.17	I.E. = 570.21	I.E. = 570.25	I.E. = 570.29
I.E. = 570.33	I.E. = 570.37	I.E. = 570.41	I.E. = 570.45	I.E. = 570.49	I.E. = 570.53	I.E. = 570.57	I.E. = 570.61	I.E. = 570.65	I.E. = 570.69
I.E. = 570.73	I.E. = 570.77	I.E. = 570.81	I.E. = 570.85	I.E. = 570.89	I.E. = 570.93	I.E. = 570.97	I.E. = 571.01	I.E. = 571.05	I.E. = 571.09
I.E. = 571.13	I.E. = 571.17	I.E. = 571.21	I.E. = 571.25	I.E. = 571.29	I.E. = 571.33	I.E. = 571.37	I.E. = 571.41	I.E. = 571.45	I.E. = 571.49



RECORD DRAWING
 THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE CONTRACTOR SHALL CONTACT

GTE 800/344-8377
 ATMOS 972/485-6204 (ROBIN RICHARDSON, FIELD ENGINEER)

- NOTES:
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
 2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
 3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
 4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
 5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
 6. ALL PIPE TO BE IN CLASS B-2 EMBEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

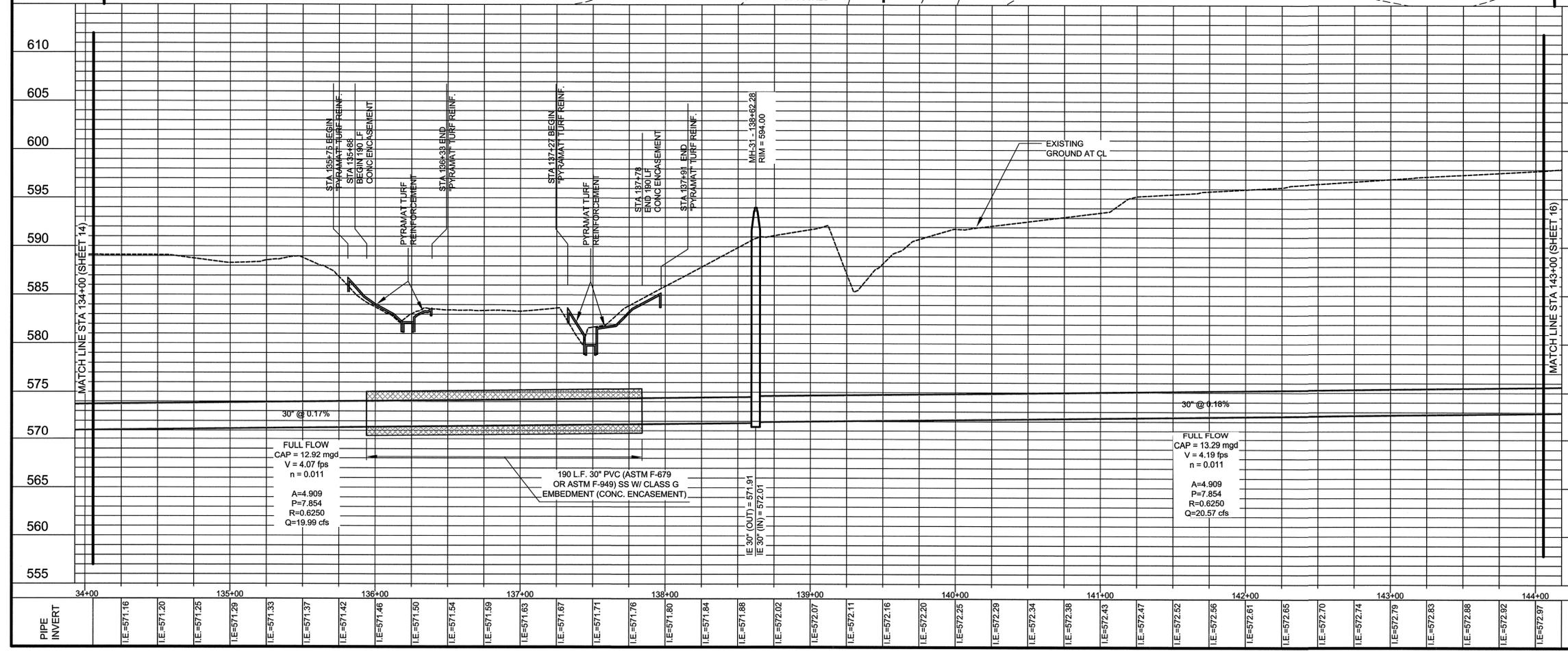
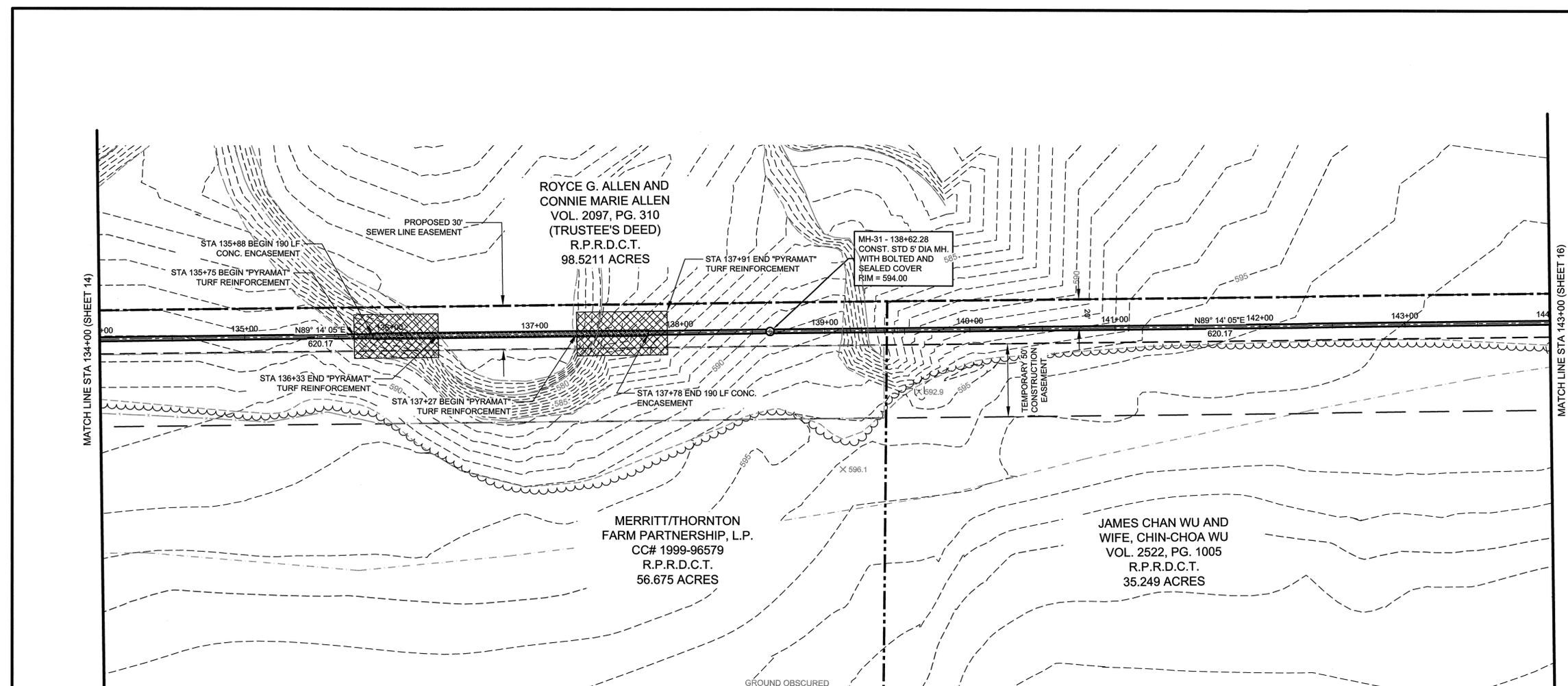
TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5.
 ELEV. = 603.44'

TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD.
 ELEV. = 598.06'

TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD.
 ELEV. = 581.74'



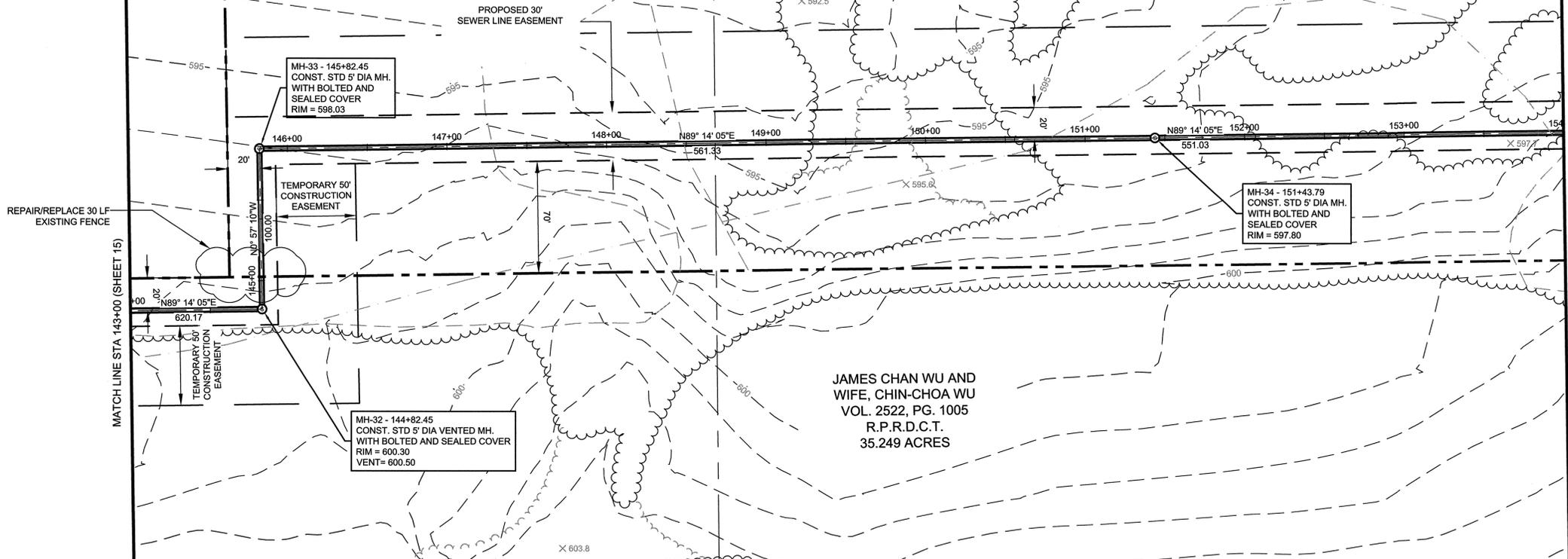
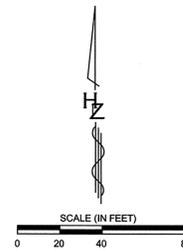
NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 134+00 TO STA. 144+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLIARS			
<small>Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 871-3311 Fax (214) 871-0757</small>			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	15		
		20	



ROYCE G. ALLEN AND
CONNIE MARIE ALLEN
VOL. 2097, PG. 310
(TRUSTEE'S DEED)
R.P.R.D.C.T.
98.5211 ACRES
TOTALLY OBSCURED
BY VEGETATION

SANGANI PROPERTIES II, LP
INSTR.# 2007-65515
R.P.R.D.C.T.
49.31 ACRES

JAMES CHAN WU AND
WIFE, CHIN-CHOA WU
VOL. 2522, PG. 1005
R.P.R.D.C.T.
35.249 ACRES



NOTE:
MH-32 & MH-33 ARE TO BE SET
2'-0" ABOVE FINISHED GRADE.

RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN
PREPARED BASED IN PART UPON
INFORMATION FURNISHED BY OTHERS. THE
DESIGN PROFESSIONAL CANNOT ASSURE
THE ACCURACY OF OTHERS' INFORMATION
AND THIS IS NOT RESPONSIBLE FOR THE
ACCURACY OF THIS RECORD DOCUMENT OR
FOR ANY ERROR OR OMISSION THAT MAY
HAVE BEEN INCORPORATED INTO IT AS A
RESULT. THOSE RELYING ON THIS RECORD
DOCUMENT ARE ADVISED TO OBTAIN
INDEPENDENT VERIFICATION OF ITS
ACCURACY BEFORE APPLYING IT FOR ANY
PURPOSE.

**CAUTION!!
EXISTING UTILITIES**

EXISTING UTILITIES AND UNDERGROUND FACILITIES
INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM
REFERENCE INFORMATION. IT SHALL BE THE
RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH
HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL
EXISTING UTILITIES AND UNDERGROUND FACILITIES
PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL
TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT
ALL FACILITIES ENCOUNTERED. THE CONTRACTOR
SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES
FROM DAMAGE DURING CONSTRUCTION.

48 HOURS PRIOR TO CONSTRUCTION INITIATION THE
CONTRACTOR SHALL CONTACT

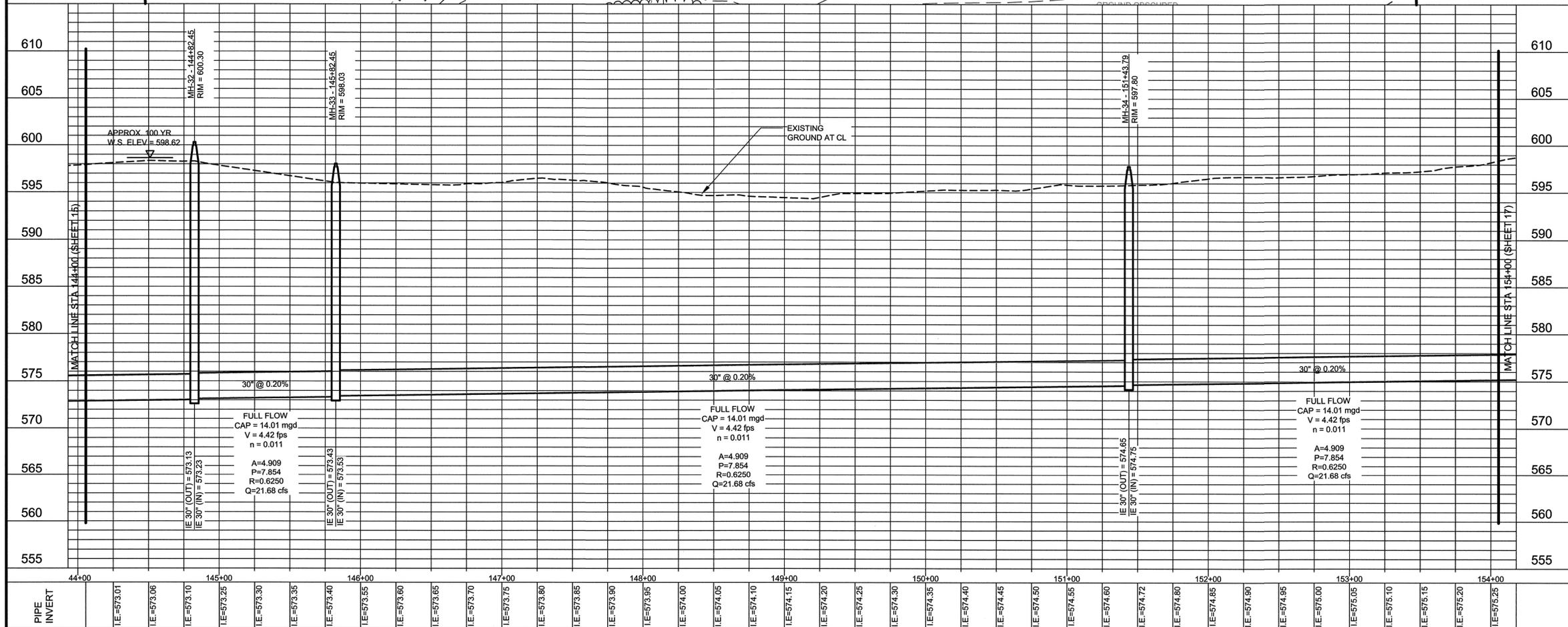
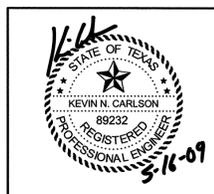
GTE 800/344-8377
ATMOS 972/485-6204 (ROBIN RICHARDSON,
FIELD ENGINEER)

NOTES:

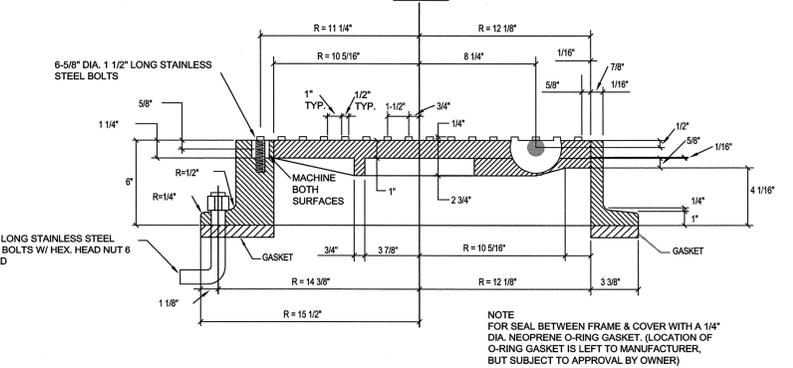
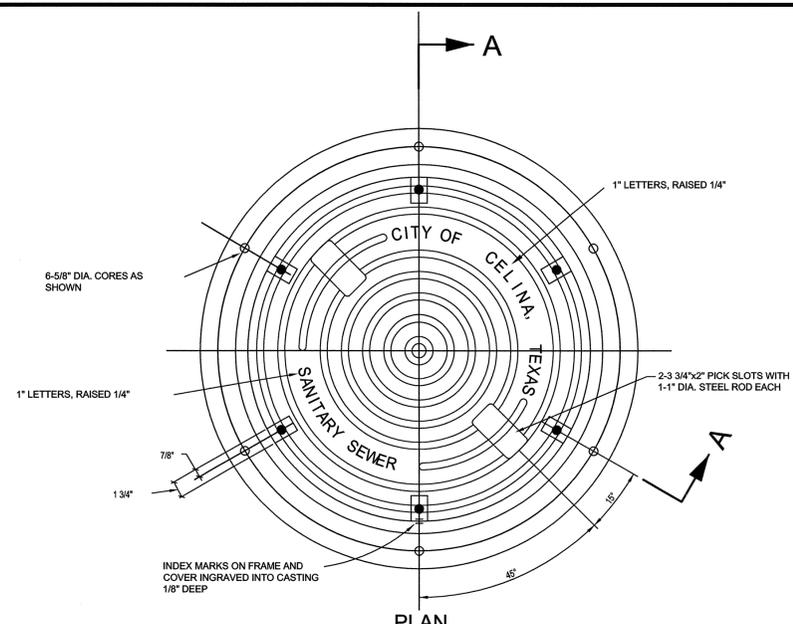
1. THE CONTRACTOR SHALL CONSTRUCT SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM ON THE DOWNSLOPE SIDE OF THE SANITARY SEWER EASEMENT FOR EROSION CONTROL MEASURES.
2. THE CONSTRUCTION OF THE SHALLOW EARTHEN DITCH AND/OR LOW EARTHEN BERM SHALL BE EXECUTED WITHIN 48 HOURS OF EVERY 500 LINEAR FEET OF APPROVED PIPE LINE BACKFILL COMPACTION.
3. THIS SEQUENTIAL CONSTRUCTION PROGRAM SHALL BE CONTINUED UNTIL ALL THE PIPE LINE SYSTEM HAS BEEN BACKFILLED.
4. PYRAMAT TURF REINFORCEMENT (OR APPROVED EQUAL) TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL PIPE TO BE ASTM-679 OR ASTM F-949 UNLESS OTHERWISE NOTED.
6. ALL PIPE TO BE IN CLASS B-2 EMBEDEDMENT UNLESS OTHERWISE NOTED.

BENCH MARKS:

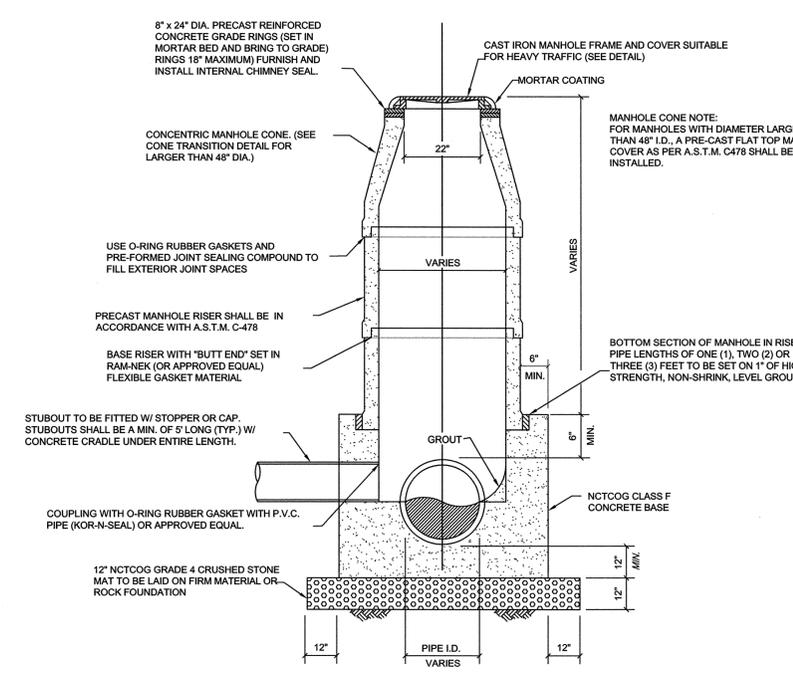
- TBM #28-RR SPIKE IN POWER POLE, WEST SIDE OF INTERSECTION OF LEGACY ROAD WITH COUNTY ROAD NO 5. ELEV. = 603.44'
- TBM #29-60D NAIL IN POWER POLE, SOUTH SIDE OF CAREY ROAD, 0.3 MILES WEST OF LEGACY ROAD. ELEV. = 598.06'
- TBM #34-60D NAIL IN POWER POLE, NORTH SIDE OF PARVIN ROAD, 95 FEET EAST OF SMILEY ROAD. ELEV. = 581.74'



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
STA. 144+00 TO STA. 154+00			
REPUBLIC PROPERTY GROUP			
HUITT-ZOLIARS			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	16	20	



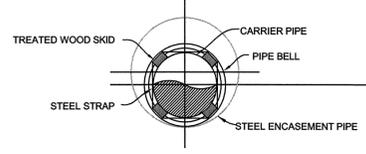
SECTION A-A
PRESSURE TYPE MANHOLE FRAME AND COVER



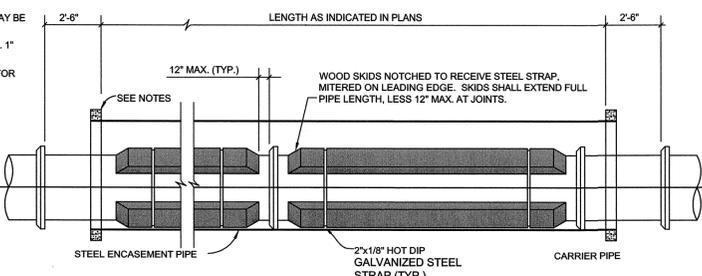
PRECAST CONCRETE MANHOLE

NOTE:
ALL JOINTS IN PRECAST MANHOLE SHALL BE SEALED ON OUTSIDE OF MANHOLE WITH AQUAGARD SHRINK SEAL.

- BORING NOTES:**
- 2 MORTAR BANDS FOR R.C.C.P. AND CEMENT LINED & COATED STEEL PIPE MAY BE USED IN LIEU OF SKIDS & STRAPS.
 - CONTRACTOR SHALL PROVIDE SUPPORT UNDER CARRIER PIPE TO HAVE MIN. 1" CLEARANCE BETWEEN PIPE BELL AND ENCASEMENT PIPE.
 - ENDS OF ENCASEMENT PIPE SHALL BE PLUGGED WITH BRICK AND MORTAR FOR ROADWAY CROSSINGS AND CLAY FOR RAILROAD CROSSINGS.

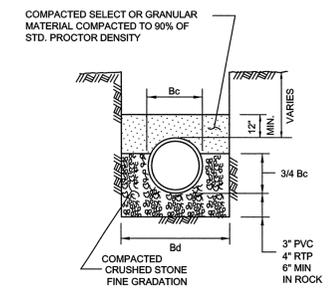


SECTION



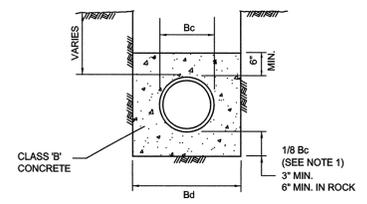
ELEVATION

ENCASED ROAD OR RAILROAD BORE



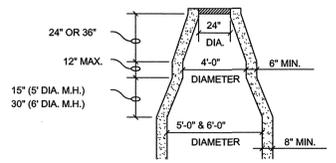
NOTES:
1. Bc = OUTSIDE DIAMETER OF PIPE
2. Bd = TRENCH WIDTH

CLASS "B-2" EMBEDMENT
N.T.S.



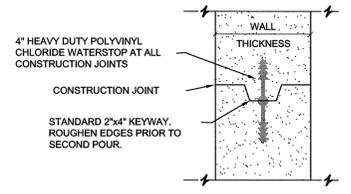
NOTES:
1. Bc = OUTSIDE DIAMETER OF PIPE
2. Bd = TRENCH WIDTH

CLASS "G" EMBEDMENT
N.T.S.

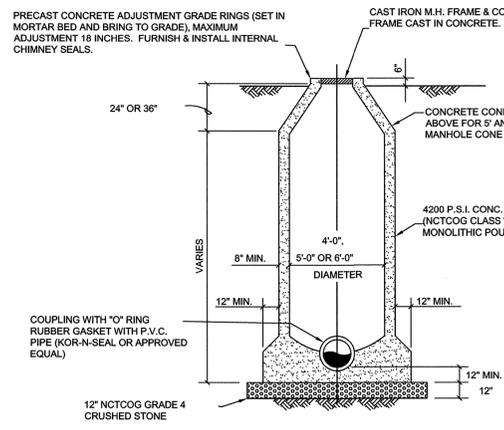


CONE TRANSITION
5' & 6' DIAMETER MANHOLES ONLY

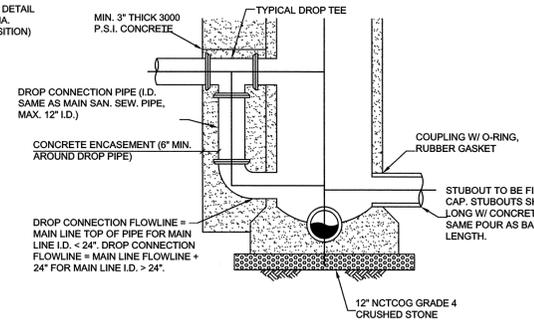
MANHOLE CONE NOTE:
FOR MANHOLES WITH DIAMETER LARGER THAN 48" I.D., A PRE-CAST FLAT TOP MANHOLE COVER AS PER A.S.T.M. C478 SHALL BE INSTALLED.



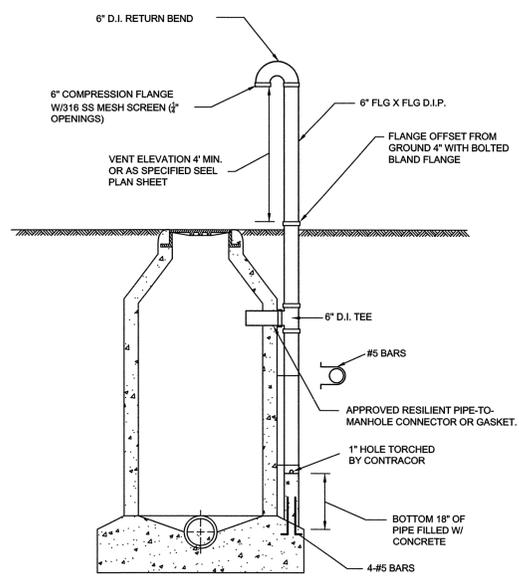
MANHOLE CONSTRUCTION JOINT
KEYWAY WITH WATERSTOP



STANDARD MANHOLE ELEVATION
4', 5' & 6' DIAMETER MANHOLES



MANHOLE WITH DROP CONNECTION
5' & 6' DIAMETER MANHOLES
(MIN. 5' DIA.)



VENTED MANHOLE DETAIL

RECORD DRAWING
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED IN PART UPON INFORMATION FURNISHED BY OTHERS. THE DESIGN PROFESSIONAL CANNOT ASSURE THE ACCURACY OF OTHERS' INFORMATION AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DOCUMENT OR FOR ANY ERROR OR OMISSION THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.



NO.	DATE	REVISIONS	APPROVED
LIGHT FARMS OSS - DENTON COUNTY			
DETAILS			
REPUBLIC PROPERTY GROUP			
HUETT-ZOLLARS			
CELINA, TEXAS			
DESIGN	DRAWN	DATE	SCALE
H.Z.I.	H.Z.I.	06/2008	H 1"=40' V 1"=6'
PROJECT ID	NO.		
01390501	19		
			20

