

SAN ANTONIO WATER SYSTEM
Masterson Road 36-Inch Oversize (15-Inch Required) Sanitary Sewer Project
SAWS Job # 07-1693
SAWS Solicitation No. B-10-051-RA
ADDENDUM NO. 1

September 15, 2010

This addendum, applicable to work designed above, is an amendment to the bidding and specification documents and as such shall be part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

1.0 Clarifications:

QUESTION: "This area is highly suspected to have a lot of ground water. Therefore we need to dig test holes at this site prior to the bid. How can we get access to do this?"

RESPONSE: Coordination should be made with Pate Engineers, 210-340-8481. All requests shall be addressed to Mr. Damian Esquivel

QUESTION: "SAWS standard specifications states that compaction testing is paid for by the owner. The special conditions on this project state that the contractor shall be responsible for retaining an independent testing lab to verify compaction for each lift. Is that correct and can you clarify exactly what testing is required on this project?"

RESPONSE: Please review SAWS Specification 804. The Contractor is responsible for supplying compaction testing for the project. The testing indicated to be completed by the owner is for Quality Assurance only and does not relieve the Contractor from providing the required test results that indicate Quality Control. The Contractor is responsible for the cost and completion of all required testing.

QUESTION: "Will we need to stay within the easement area to build this project or can we use more area?"

RESPONSE: The contractor will need to stay within the 30-foot sanitary sewer easement and the additional 20-foot temporary construction easement.

QUESTION: "Is there a bid packet that we need to get from SAWS or do we use the "on-line" bid packet?"

RESPONSE: Please use the online bid packet.

QUESTION: "Please specify how thick the 54" steel casing needs to be?"

RESPONSE: Please see SAWS Specification 856. The casing should follow the specification shown on Detail Sheet DD-856-01, Sheet 1 of 2, Water Mains in Conduit. The 36-inch sewer main requires a 54-inch steel casing with 0.50 inch thickness.

QUESTION: "Are there any bore logs for this project?"

RESPONSE: Please see the Special Conditions Section of the Bid Documents, item SC-5.0. No Geotechnical investigation was completed during design.

QUESTION: “Is air testing allowed from manhole to manhole instead of joint to joint pressure testing?”

RESPONSE: This issue was discussed during the pre-bid meeting and the attendees were incorrectly informed. Manhole to manhole pressure testing will not be allowed. Per SAWS Specification 849, joint testing is required for 36-inch sewer main.

QUESTION: “Can we use compacted native material around the manholes in lieu of flowable fill?”

RESPONSE: Yes, with restrictions. Please see the Special Conditions Section of the Bid Documents, item SC-9.0.

QUESTION: “What type of trench backfill is required for this project?”

RESPONSE: Please see SAWS Specification 804

QUESTION: “What percentage of the project will be paid by SAWS?”

RESPONSE: The SAWS percentage of payment based on pipe ratios will be 83% at the max. Please see SAWS Utility Service Regulation, Section 14.3 for complete details of why this percentage may change.

QUESTION: “What defines high strength and normal strength fiberglass pipe?”

RESPONSE: Please see the Special Conditions Section of the Bid Documents, item SC-8.0.

QUESTION: “Will the Engineer stake the entire easement?”

RESPONSE: Please see the Special Conditions Section of the Bid Documents, item SC-4.0. The Engineer will only stake the alignment of the proposed sewer main with the requested offset by the contractor.

QUESTION: “What is the current use of the property not within existing ROW?”

RESPONSE: Per the Engineer for the project the majority of the property is pasture land with brush.

2.0 Revisions:

- a. Replace Plan sheets OSS3, OSS4, OSS5, OSS6 and OSS7 with the attached Plan sheets numbered the same.

3.0 Additions:

- a. Attached to this document is the sign in sheets from the non-mandatory pre-bid meeting held on September 13, 2010



Charles R. Hallenberger
9-15-10

ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 1 by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulations set forth.

DATE

SIGNATURE

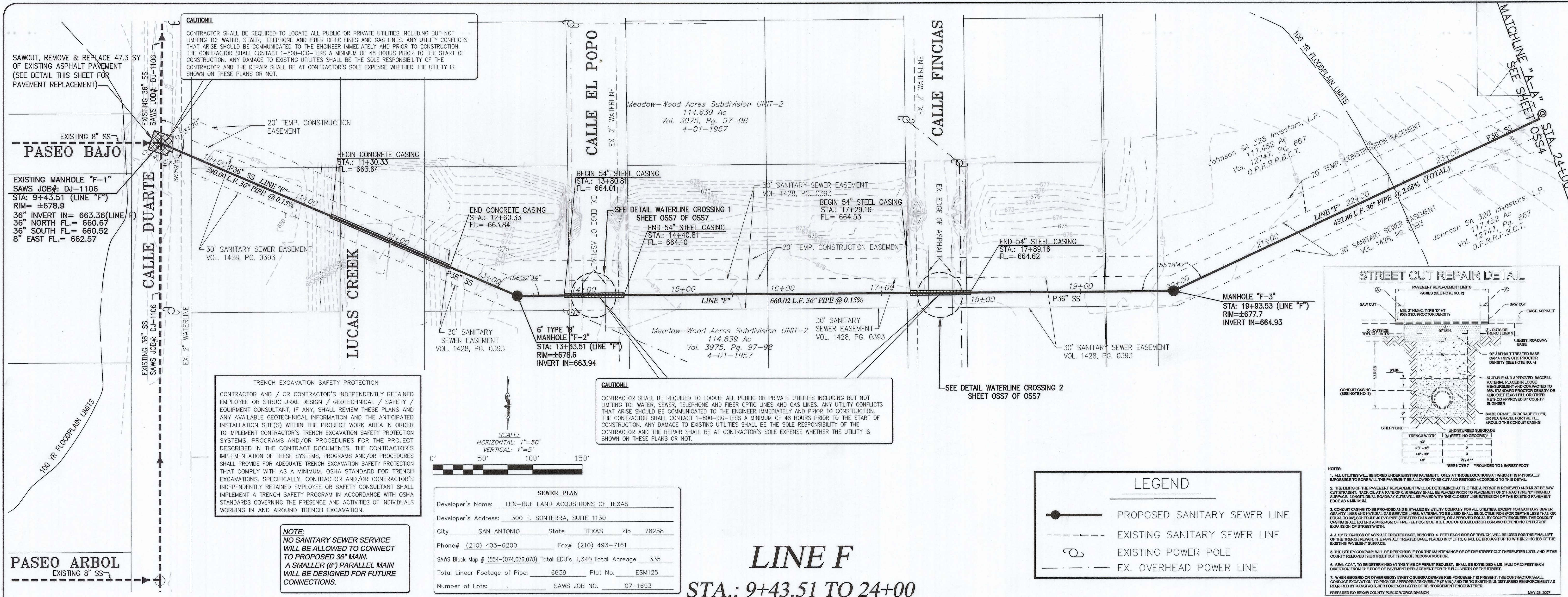
END OF ADDENDUM NO. 1

This addendum including this page is 3 pages in its entirety.

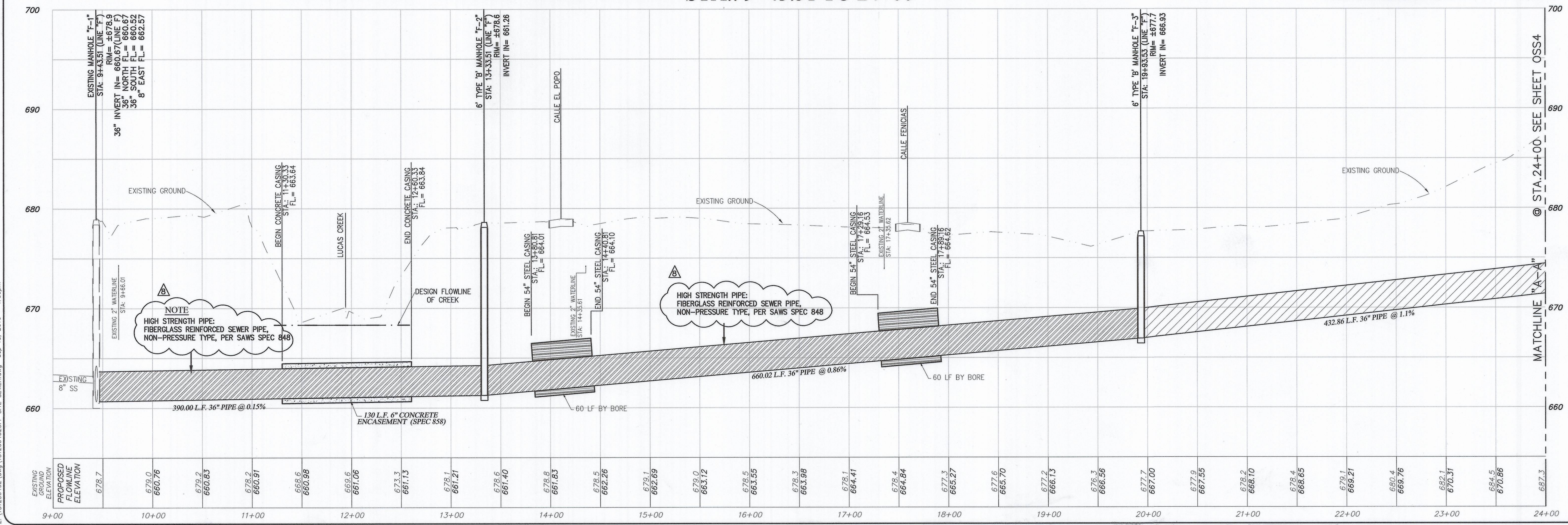


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3	08/20/07	FINAL DESIGN	J.N./R.D.
4	08/20/07	FINAL DESIGN	J.N./R.D.
5	08/20/07	FINAL DESIGN	J.N./R.D.
6	08/20/07	FINAL DESIGN	J.N./R.D.
7	08/20/07	FINAL DESIGN	J.N./R.D.
8	08/20/07	FINAL DESIGN	J.N./R.D.

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FOR
MASTERTSON ROAD



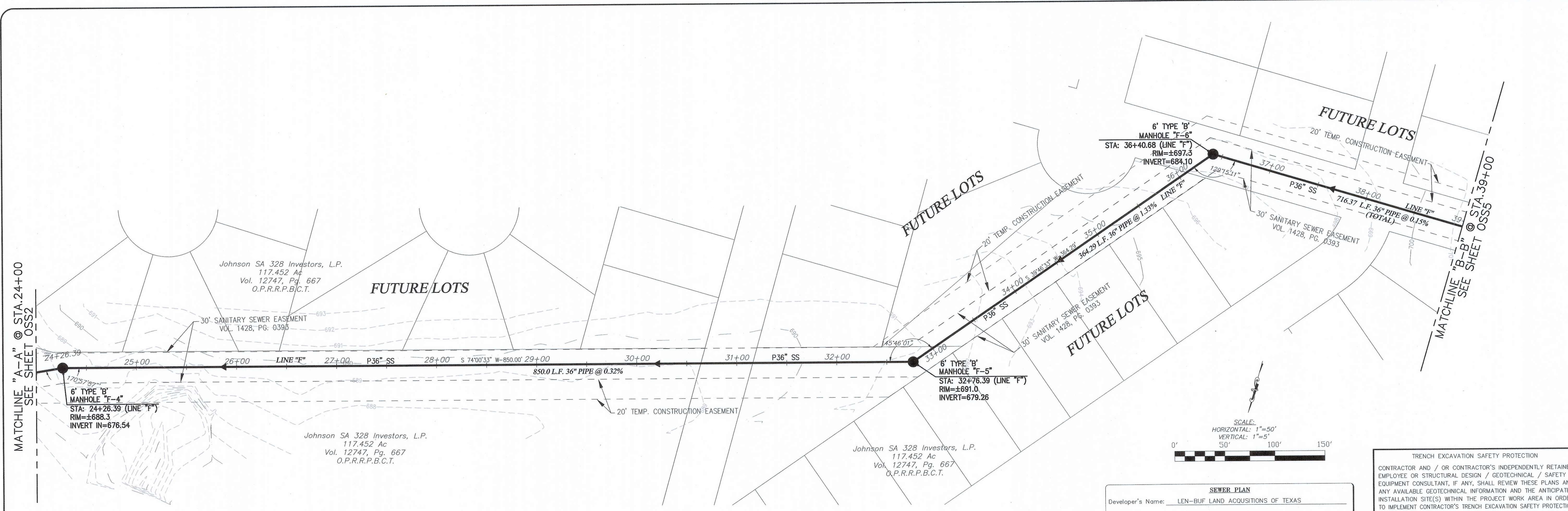
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NO.	DATE	DESCRIPTION	BY
1	08/29/07	PLP DIRECTION OF PROFILE	MON
2	07/10/07	ADDED NOTES AND DIM NOTES	MON
3	06-17-08	REVISED SEWER ALIGNMENT	MON
4	01-24-08	REVISED SEWER ALIGNMENT	MON
5	11-4-09	REMOVED PVC CALLOUT TO SS LINE	MON
6	01-26-10	UPDATED EASEMENT & SAWS BLOCK INFO.	MON
7	7-21-10	UPDATED 30' EASEMENT AND PIPE SPEEDS	MON
8	8-13-10	REVISED NOTE FOR HIGH STRENGTH PIPE	JAC



NOTE:
NO SANITARY SEWER SERVICE
WILL BE ALLOWED TO CONNECT
TO PROPOSED 36" MAIN.
A SMALLER (8") PARALLEL MAIN
WILL BE DESIGNED FOR FUTURE
CONNECTIONS.

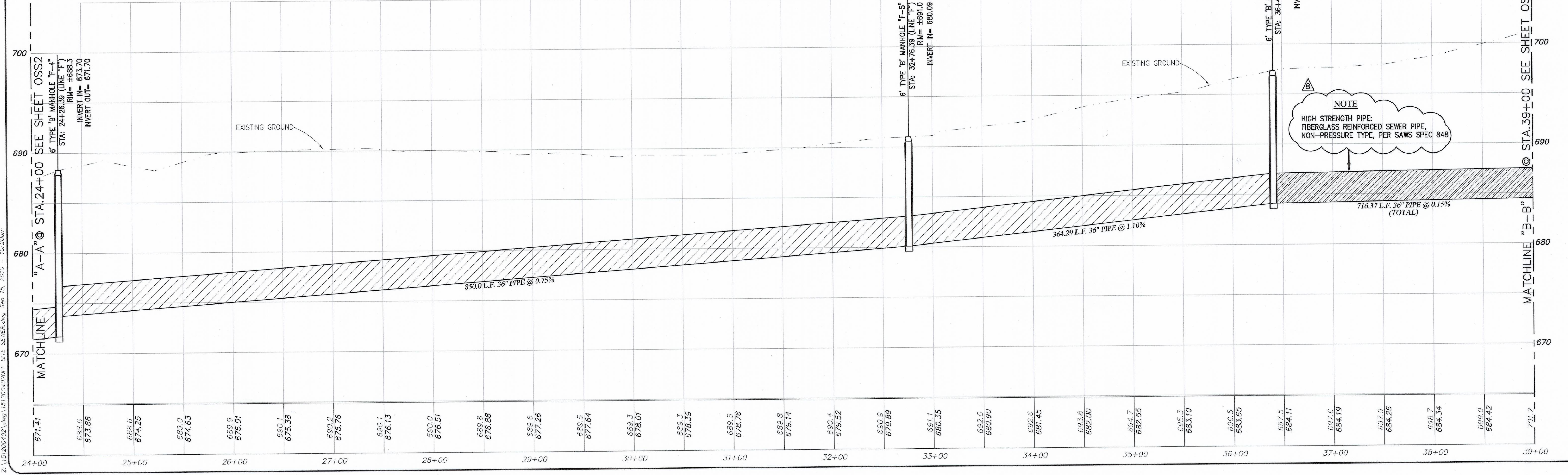
SEWER PLAN

Developer's Name: LEN-BUF LAND ACQUISITIONS OF TEXAS
Developer's Address: 300 E. SONTERRA, SUITE 1130
City: SAN ANTONIO State: TEXAS Zip: 78258
Phone# (210) 403-6200 Fax# (210) 493-7161
SAWS Block Map # (554-074,076,078) Total EDU's 1,340 Total Acreage .335
Total Linear Footage of Pipe: 6639 Plot No. ESM125
Number of Lots: SAWS JOB NO. 07-1693

TRENCH EXCAVATION SAFETY PROTECTION

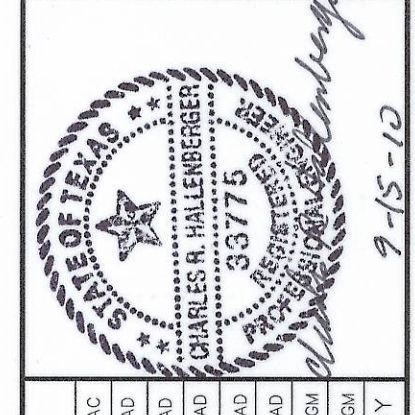
CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN / GEOTECHNICAL / SAFETY / EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARD FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

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FOR
MASTERSON ROAD

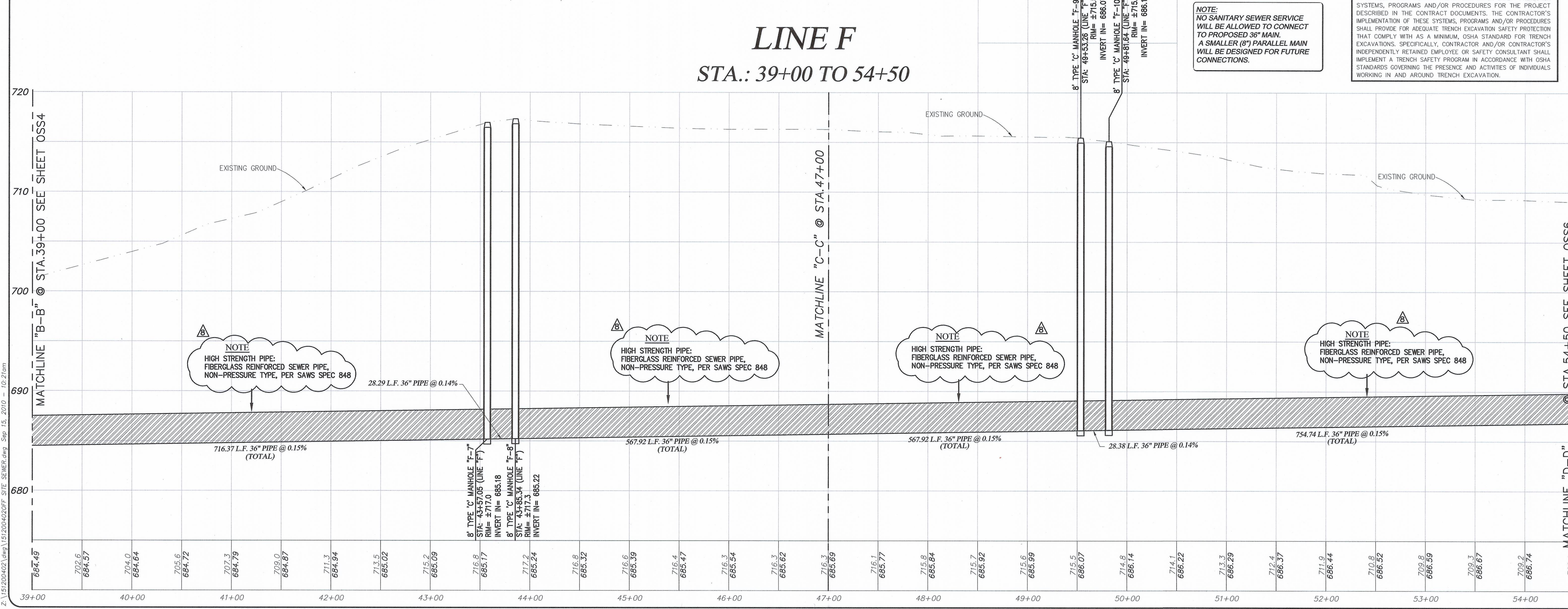
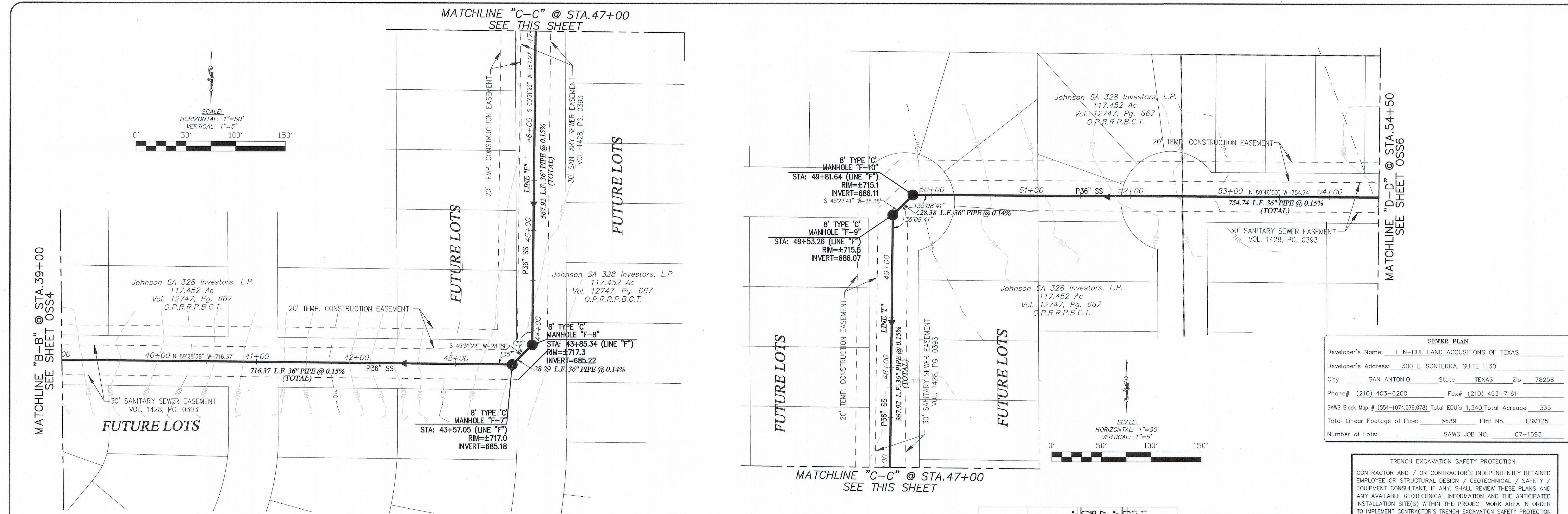
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NO.	DATE	DESCRIPTION
8	8-13-07	REVISE NOTE FOR HIGH STRENGTH PIPE
7	7-21-07	UPDATED 30' EASEMENT AND PIPE SIZES
6	01-26-07	UPDATED EASEMENT & SAWS BLOCK INFO.
5	11-14-06	REMOVED PVC CALLOUT TO SS LINE
4	01-24-06	REVISED SEWER ALIGNMENT
3	08-15-05	ADDED NOTES AND DIM NOTES
2	07/20/07	MOVING SEWER LINE
1	02/20/07	FLIP DIRECTION OF PROFILE

NO.	DATE	DESCRIPTION
8	8-13-07	REVISE NOTE FOR HIGH STRENGTH PIPE
7	7-21-07	UPDATED 30' EASEMENT AND PIPE SIZES
6	01-26-07	UPDATED EASEMENT & SAWS BLOCK INFO.
5	11-14-06	REMOVED PVC CALLOUT TO SS LINE
4	01-24-06	REVISED SEWER ALIGNMENT
3	08-15-05	ADDED NOTES AND DIM NOTES
2	07/20/07	MOVING SEWER LINE
1	02/20/07	FLIP DIRECTION OF PROFILE

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FOR
MASTERSON ROAD



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LINE F
STA.: 39+00 TO 54+50

NOTE:
 NO SANITARY SEWER SERVICE
 WILL BE ALLOWED TO CONNECT
 TO PROPOSED 36" MAIN.
 A SMALLER (8") PARALLEL MAIN
 WILL BE DESIGNED FOR FUTURE
 CONNECTIONS.

TRENCH EXCAVATION SAFETY PROTECTION
 CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED
 EMPLOYEE OR STRUCTURAL DESIGN / GEOTECHNICAL / SAFETY /
 EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND
 ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED
 INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER
 TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION
 SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT
 DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S
 IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES
 SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION
 THAT COMPLY WITH AS A MINIMUM, OSHA STANDARD FOR TRENCH
 EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S
 INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL
 IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA
 STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS
 WORKING IN AND AROUND TRENCH EXCAVATION.

NOTE
 HIGH STRENGTH PIPE:
 FIBERGLASS REINFORCED SEWER PIPE,
 NON-PRESSURE TYPE, PER SAWS SPEC 848

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MATCHLINE "D-D" @ STA.54+50
 SEE SHEET OSS6

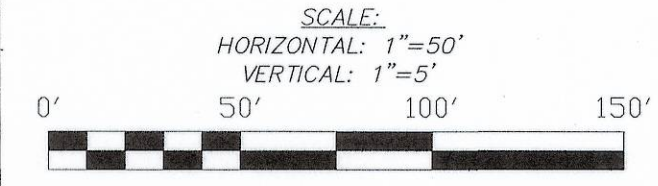
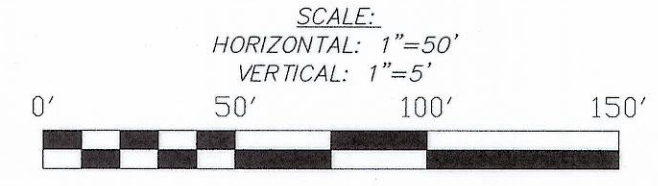
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MATCHLINE "C-C" @ STA.47+00
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MATCHLINE "B-B" @ STA.39+00 SEE SHEET OSS4

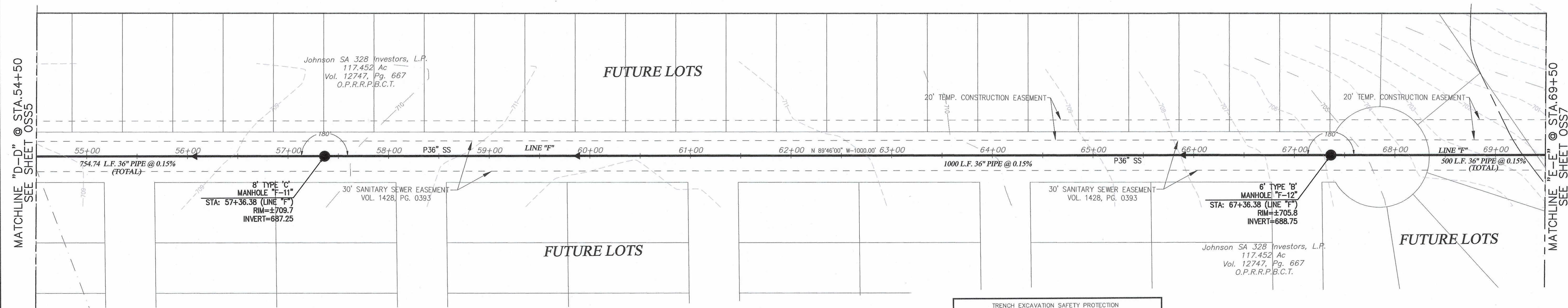
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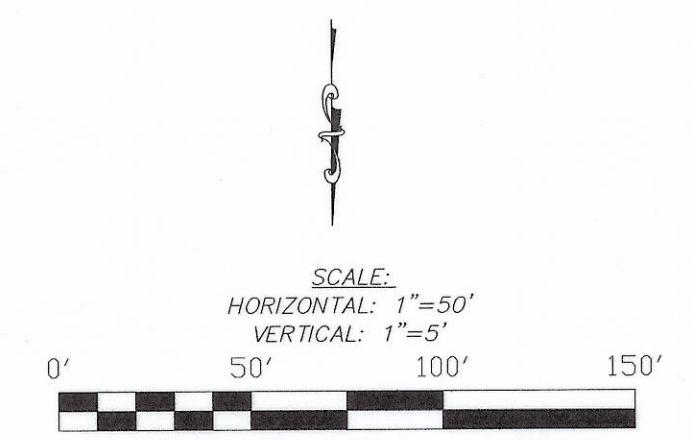
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DRAWN BY: M.G.M.
CHECKED BY: J.W.F.
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2	08/17/07	ADDED NOTES AND TBM NOTES
3	08/17/07	MOVING SEWER LINE & ADJING EASEMENT
4	01-24-08	REVISED SEWER ALIGNMENT
5	11-14-09	REVISED PAC CALCUL TO 36" LINE
6	01-20-10	UPDATED EASEMENT & SAWS BLOCK INFO.
7	7-21-10	UPDATED BY EASEMENT AND PIPE SPECS
8	9-13-10	REVISE NOTE FOR HIGH STRENGTH PIPE



MATCHLINE "D-D" @ STA. 54+50
SEE SHEET OSS5

MATCHLINE "E-E" @ STA. 69+50
SEE SHEET OSS7



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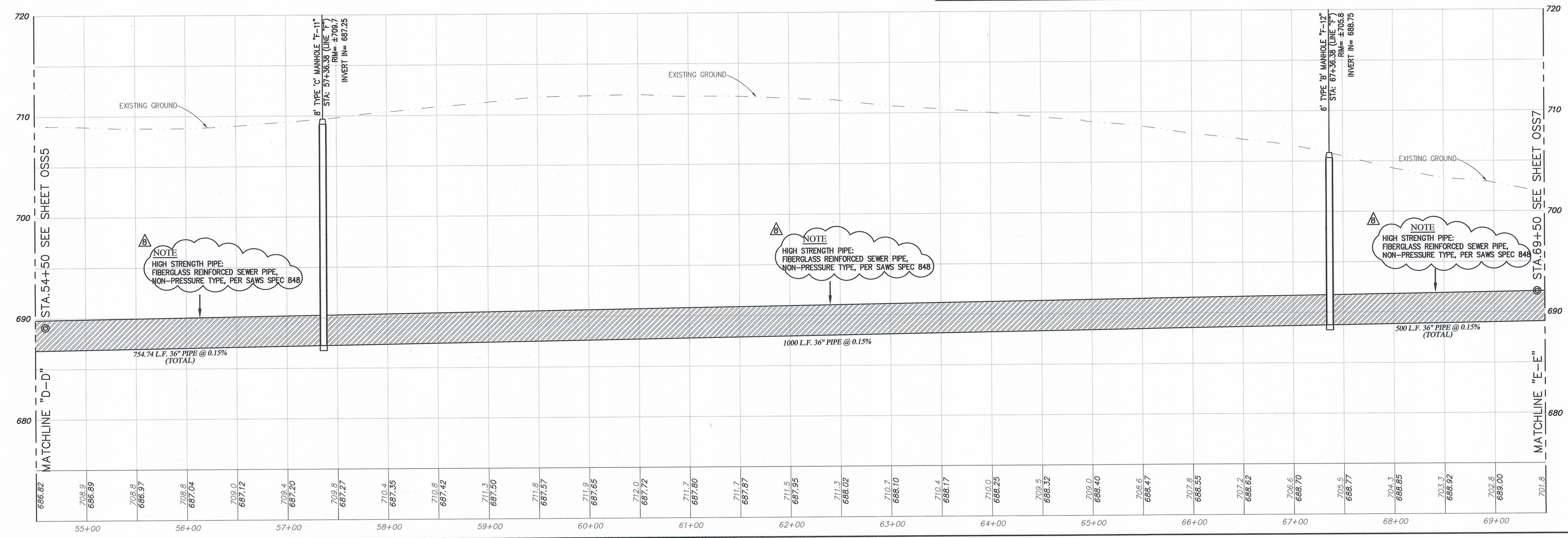
STA.: 54+50 TO 69+50

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NOTE:
NO SANITARY SEWER SERVICE WILL BE ALLOWED TO CONNECT TO PROPOSED 36" MAIN. A SMALLER (8") PARALLEL MAIN WILL BE DESIGNED FOR FUTURE CONNECTIONS.

SEWER PLAN

Developer's Name: LEN-BUF LAND ACQUISITIONS OF TEXAS
Developer's Address: 300 E. SONTERRA, SUITE 1130
City: SAN ANTONIO State: TEXAS Zip: 78258
Phone# (210) 403-6200 Fax# (210) 493-7161
SAWS Block Map # (554-074,076,078) Total EDU's 1,340 Total Acreage 335
Total Linear Footage of Pipe: 6639 Plot No. ESM125
Number of Lots: SAWS JOB NO. 07-1693



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OFFSITE SEWER STA: 54+50.00~69+50.00
FOR
MASTERTSON ROAD

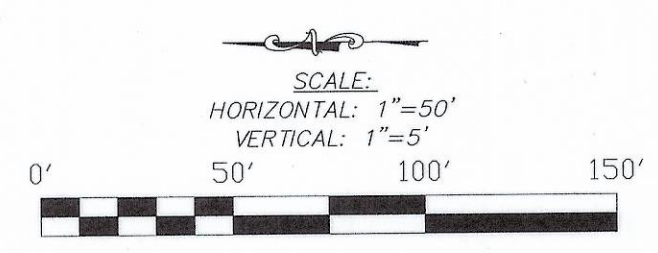
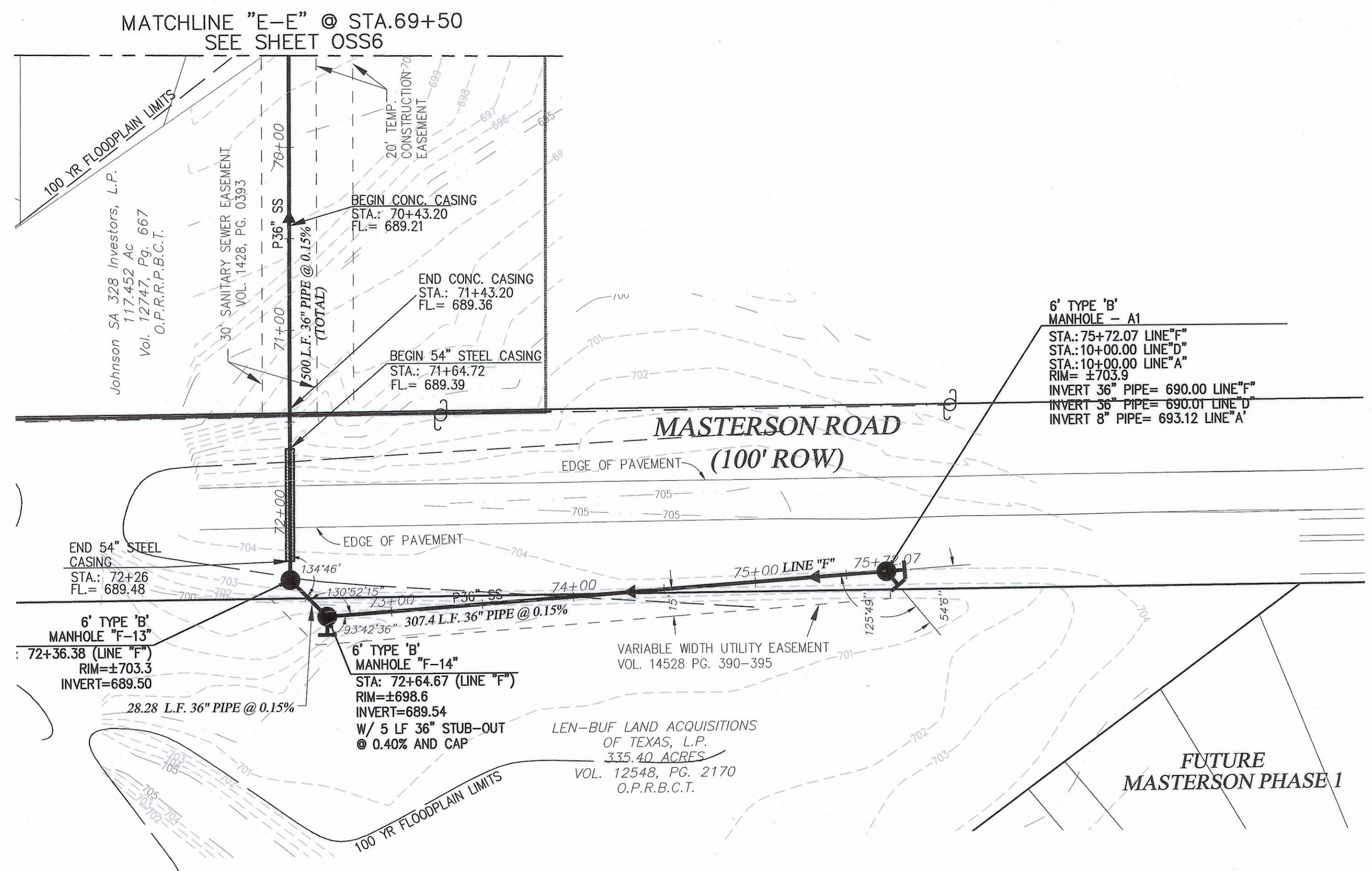
ESM125
OFF SITE SEWER
SHEET OSS6 OF OSS8

DATE: August 16, 2007
DESIGNED BY: J.N./R.D.
DRAWN BY: M.G.M.
CHECKED BY: J.W.F.
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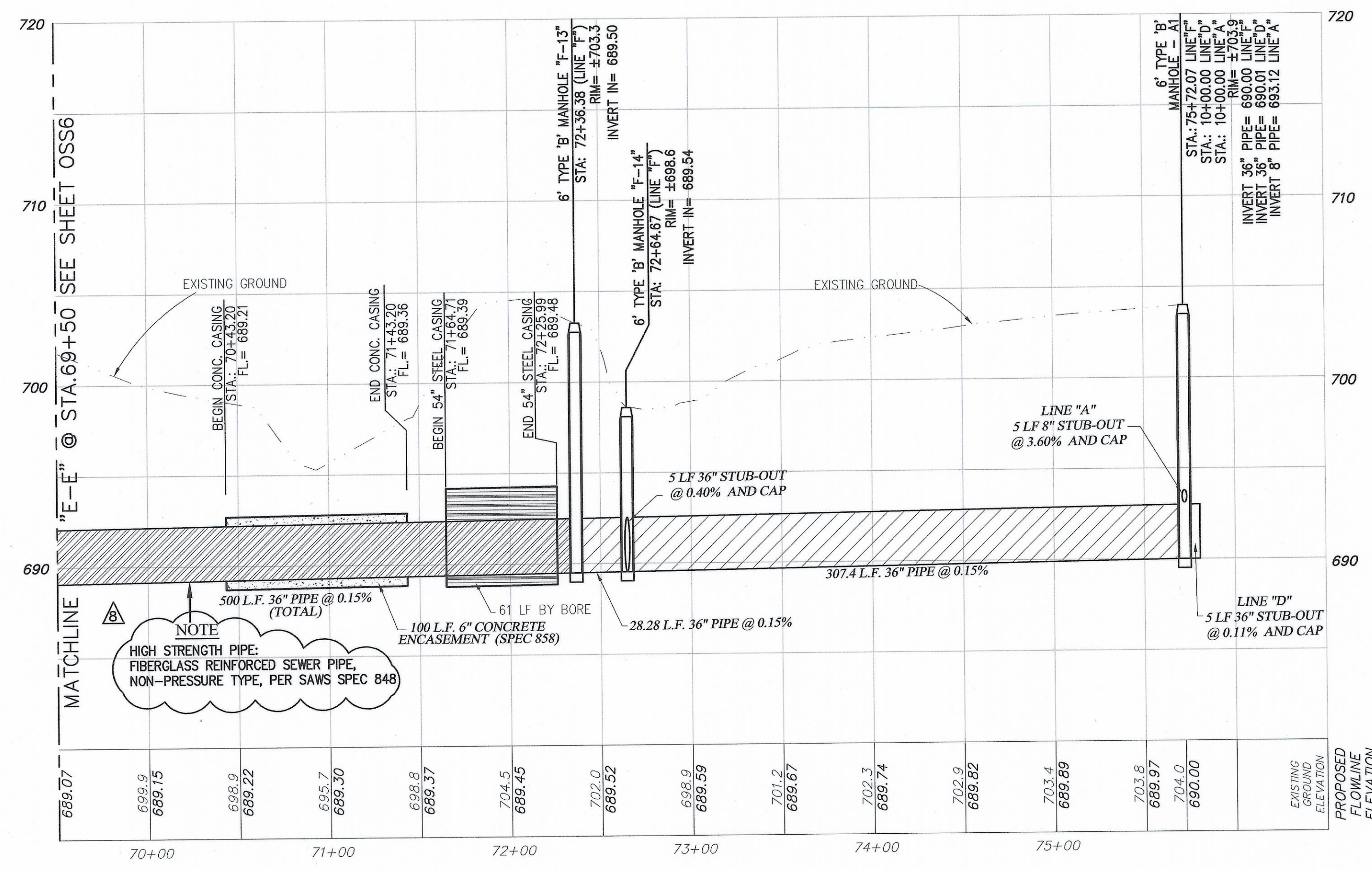


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2	07/10/07	MOVING SEWER LINE & ADDING EASEMENTS
3	08-17-07	ADDED NOTES AND DIM NOTES
4	01-24-08	REVISED SEWER ALIGNMENT
5	11-4-09	REMOVED PVC CALLOUT TO SS LINE
6	01-20-10	UPDATED EASEMENT, SANS BLOCK, & REMOVED PVC CALLOUT TO SS LINE
7	7-21-10	UPDATED 30' EASEMENT AND PIPE SPECS
8	8-13-10	REVERSE NOTE FOR HIGH STRENGTH PIPE

OFFSITE SEWER STA: 69+50.00~75+72.07
FOR
MASTERTSON ROAD



LINE F
STA.: 69+50 TO 75+72.07



TRENCH EXCAVATION SAFETY PROTECTION
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SAWS Block Map # (054-074,076,078) Total EDU's 1,340 Total Acreage 335

Total Linear Footage of Pipe: 6639 Plat No. ESM125

Number of Lots: SAWS JOB NO. 07-1693

SAN ANTONIO WATER SYSTEM

NON-MANDATORY PRE-BID CONFERENCE

Masterson Road 36-inch Oversize (15-inch Required) Sanitary Sewer Project

SAWS Job No. 07-1693

DATE: September 13, 2010

SIGN - IN

No.	NAME	COMPANY	PHONE
1	Tracey Lehmann, P.E.	SAWS	(210) 233-3492
2	Stephen Resendiz	Act Pipe & Supply	(210) 946-4969
3	Chuck Zinsmeyer	Yantis Company	210-617-0240
4	Nick Lewis	DNT	210-490-6700
5	VICTOR Rivera	HOBAS PIPE USA	713-907-4406
6	KELLY COURTNEY	LAUGHLIN THYSSEN	713-539-9630
7	Adam Hackeisel	United Rentals Truck Safety	210-862-4754
8	Robert Rubio	Qro mex	830-598-2268
9	Chuck Hallenberg	Pate Engr	210-340-8481
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SAN ANTONIO WATER SYSTEM

NON-MANDATORY PRE-BID CONFERENCE

Masterson Road 36-inch Oversize (15-inch Required) Sanitary Sewer Project

SAWS Job No. 07-1693

DATE: September 13, 2010

SIGN -IN

No.	NAME	COMPANY	PHONE
1	Tracey Lehmann, P.E.	SAWS	(210) 233-3492
2	RANDY WAUTERS	WAUTERS ENGINEERING	(210) 667-2300
3	Steve Mergel	" "	" "
4	DAMIAN ESTERL	Pate Engines	210-3468481
5	BLAD MILLER	WEIGHT CONST.	817-481-2594
6	LUCAS Menebaker	S.J. LOUIS CONST.	210-340-9998
7	Rosalee Arcos	SAW Contracting	
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