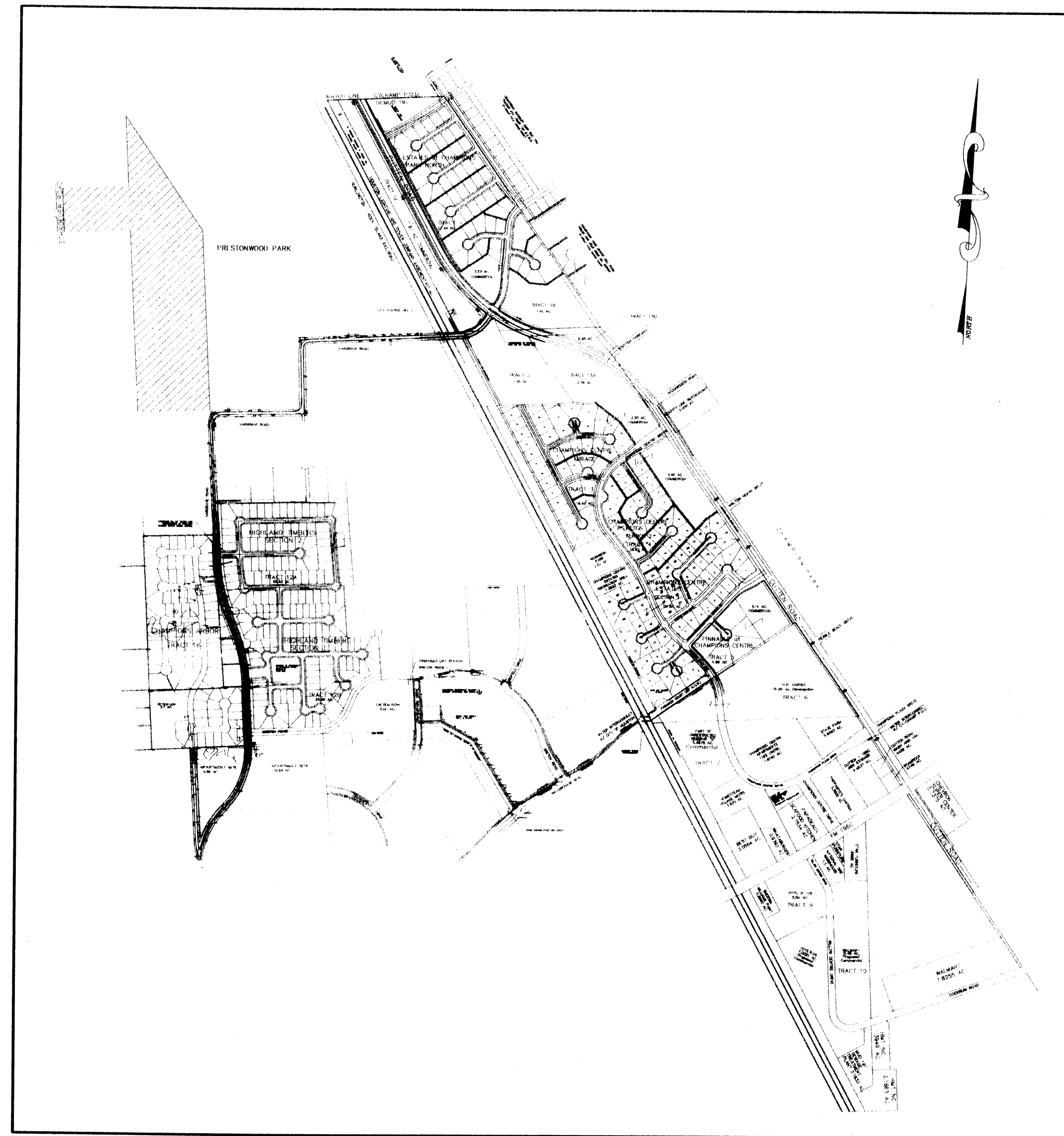


(KEYMAP Nos. 369-D & 370-A)



SHEET INDEX

- 1 TITLE SHEET
- 2 DRAINAGE AREA MAP
- 3 PAVING AND DRAINAGE
- 4 SANITARY SEWERS
- 5 WATER MAINS
- 6 POLLUTION PREVENTION PLAN
- 7 DETENTION POND DETAILS
- 8 LOT GRADING PLAN
- 9 GENERAL CONSTRUCTION NOTES

PLAN PROFILES

- 10 WOOD LANE & CRESTGLEN LANE
- 11 NAPLES PARK COURT AND FERNBROOK LANE
- 12 NAPLES PARK LANE (0+00 TO 9+00)
- 13 NAPLES PARK LANE (9+00 TO END)
- 14 WATER CONNECTION THROUGH THE PARK
- 15 MASONWOOD LANE & HADDONFIELD COURT
- 16 TYNELAND COURT & FORTROSE COURT
- 17 LINDENCROFT COURT & NORCROFT COURT
- 18 HIGH HOLLOW LANE (0+00 TO 8+00)
- 19 HIGH HOLLOW LANE (8+00 TO 13+00)
- 20 HILLINGDALE LANE (13+00 TO 17+00)
- 21 HILLINGDALE LANE (17+00 TO END)
- 22 SCHROEDER ROAD (0+00 TO 10+00)
- 23 SCHROEDER ROAD (10+00 TO END)

DETAILS

- 22 HC/CD OUTFALL AND INTERCEPTOR
- 23 CITY OF HOUSTON STANDARD WHEEL
- 24 CITY OF HOUSTON PAVING AND DRAINAGE
- 25 CITY OF HOUSTON SANITARY SEWER
- 26 CITY OF HOUSTON WATER LINE
- 27 HARRIS COUNTY TRENCH SAFETY
- 28 HARRIS COUNTY SUBDIVISION PAVIMENT

HARRIS COUNTY M.U.D. No. 191

PRESTONWOOD PARK SECTION 1

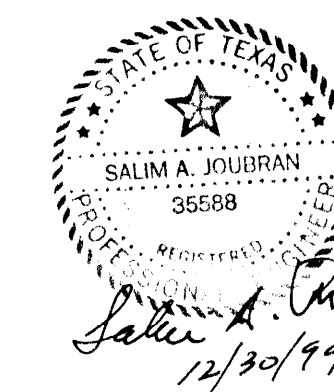
HARRIS COUNTY, TEXAS

DECEMBER 1999

PREPARED BY:

PEPE
ENGINEERING

9950 CYPRESSWOOD, SUITE 300
HOUSTON, TEXAS 77070-5412
TELEPHONE: (281)897-0590
pepeenr@pepe-engineering.com



Herbert Lum
CITY ENGINEER
HERBERT LUM, P.E.

Jerry King
DIRECTOR OF PUBLIC WORKS AND ENGINEERING
JERRY KING, P.E.

CITY OF HOUSTON STANDARD DETAIL SHEETS ARE NOT INCLUDED. REFER TO THE LATEST CITY OF HOUSTON SPECIFICATIONS, HARRIS COUNTY, AND HARRIS COUNTY FLOOD CONTROL DISTRICT.

PRIOR TO THE CONSTRUCTION OF THESE FACILITIES WITHIN OR BY THE DISTRICT, THE DISTRICT OR ITS ENGINEER WILL GIVE WRITTEN NOTICE BY THE REGISTERED OR CERTIFIED MAIL TO THE DIRECTOR OF PUBLIC WORKS AND ENGINEERING STATING THE DATE SUCH CONSTRUCTION WILL BE COMMENCED.

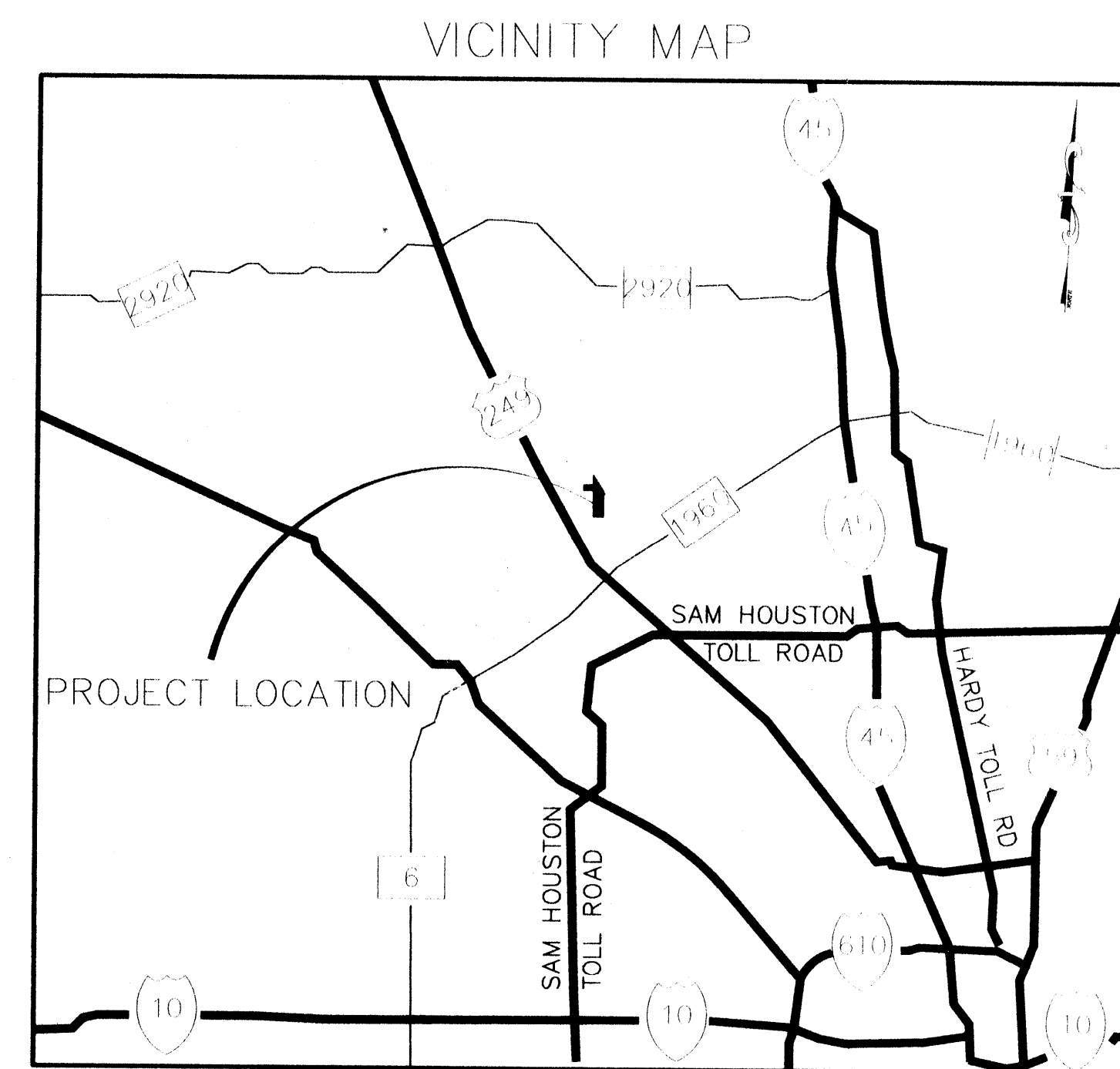
"CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-837-7000) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT."

WATER MAINS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING", SEPTEMBER 1996.

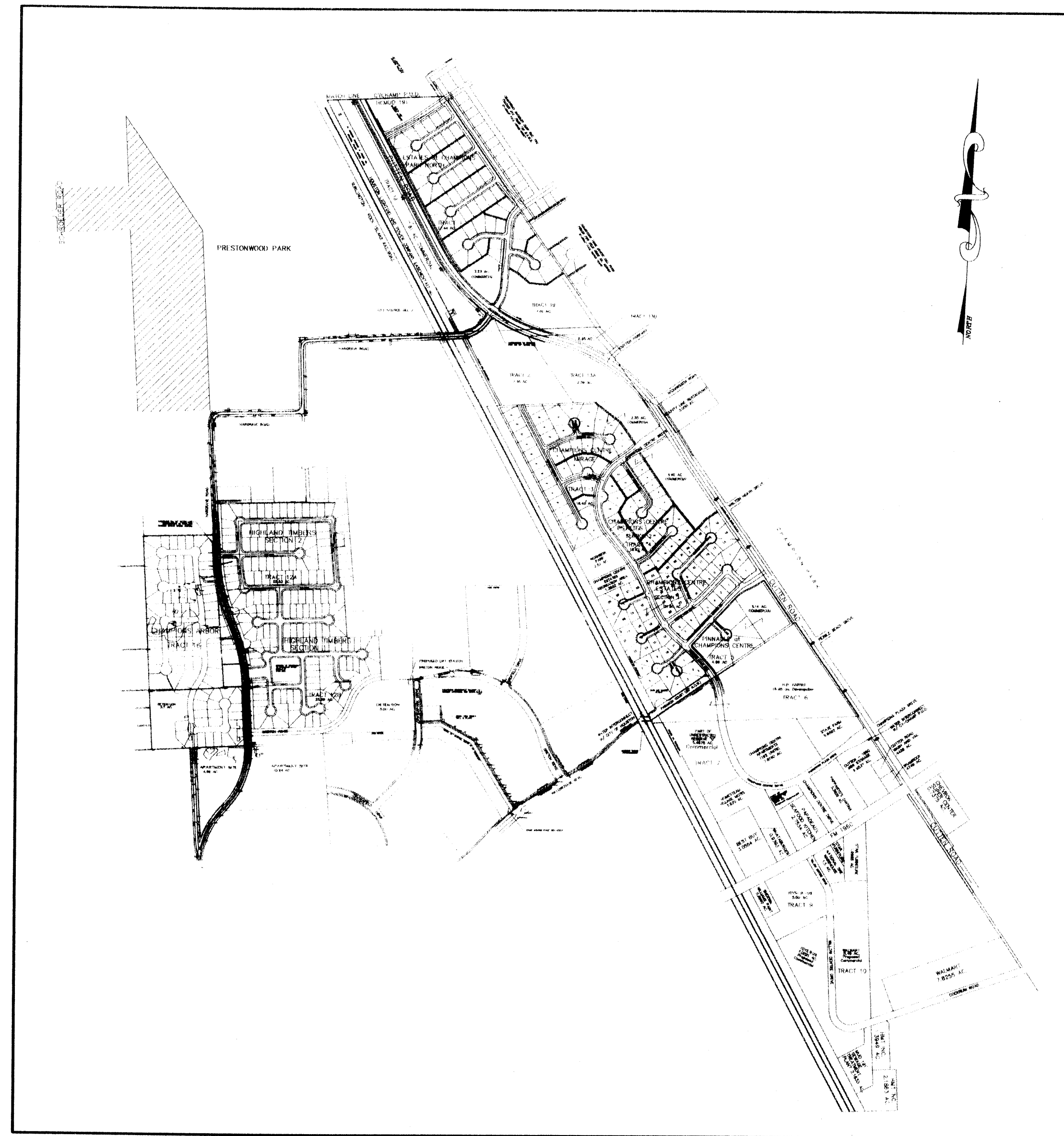
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING PUBLIC OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS AND STORM SEWERS, DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD CONSTRUCTION SPECIFICATIONS" WITH LATEST ADDENDA AND AMENDMENTS THERETO, WITH NO COST TO THE PUBLIC.

JOB No. 9815

LOG No. 99 - 0917



(KEYMAP Nos. 369-D & 370-A)



SHEET INDEX

- 1 TITLE SHEET
- 2 DRAINAGE AREA MAP
- 3 PAVING AND DRAINAGE
- 4 SANITARY SEWERS
- 5 WATER MAINS
- 6 POLLUTION PREVENTION PLAN
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DETAILS

- 24 HC/CD OUTFALL AND INTERCEPTOR
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- 27 CITY OF HOUSTON SANITARY SEWER
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- 29 HARRIS COUNTY TRENCH SAFETY
- 30 HARRIS COUNTY SUBDIVISION PAVIMENT

HARRIS COUNTY M.U.D. No. 191

PRESTONWOOD PARK SECTION 1

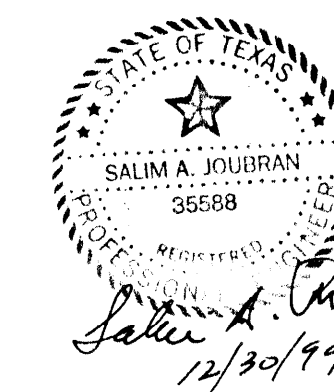
HARRIS COUNTY, TEXAS

DECEMBER 1999

PREPARED BY:

PEPE
ENGINEERING

9950 CYPRESSWOOD, SUITE 300
HOUSTON, TEXAS 77070-5412
TELEPHONE: (281)897-0590
pepeenr@pepe-engineering.com



Herbert Lum
CITY ENGINEER
HERBERT LUM, P.E.

Jerry King
DIRECTOR OF PUBLIC WORKS AND ENGINEERING
JERRY KING, P.E.

CITY OF HOUSTON STANDARD DETAIL SHEETS ARE NOT INCLUDED. REFER TO THE LATEST CITY OF HOUSTON SPECIFICATIONS, HARRIS COUNTY, AND HARRIS COUNTY FLOOD CONTROL DISTRICT.

PRIOR TO THE CONSTRUCTION OF THESE FACILITIES WITHIN OR BY THE DISTRICT, THE DISTRICT OR ITS ENGINEER WILL GIVE WRITTEN NOTICE BY THE REGISTERED OR CERTIFIED MAIL TO THE DIRECTOR OF PUBLIC WORKS AND ENGINEERING STATING THE DATE SUCH CONSTRUCTION WILL BE COMMENCED.

"CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, ENGINEERING CONSTRUCTION DIVISION (TELEPHONE NO. 713-837-7000) 48 HOURS BEFORE STARTING WORK ON THIS PROJECT."

WATER MAINS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING", SEPTEMBER 1996.

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING PUBLIC OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS AND STORM SEWERS, DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD CONSTRUCTION SPECIFICATIONS" WITH LATEST ADDENDA AND AMENDMENTS THERETO, WITH NO COST TO THE PUBLIC.

JOB No. 9815

LOG No. 99 - 0917

THIS PLAN IS THE PROPERTY OF THE ENGINEER AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED HEREON AND DOES NOT EXTEND TO ANY OTHER MATTER. THE USER OF THIS PLAN ASSUMES ALL LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM THE USE OF THIS PLAN.

CONSTRUCTION PLAN FOR
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS
PROPOSED DRAINAGE AREA MAP
 PRIVATE PROPERTY LINES SHOWN

NO. DATE BY REVISION

1. NA ENR INC. 1/4/00
 2. NA SOUTHWOOD DEVELOPMENT CO. 1/19/00
 3. NA HOUSTON ENGINEERING & POWER CO. 1/19/00
 4. NA APPROVAL ONE FOR CROSSING UNDERGROUND DUCT LINES (SEE NOTES) VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: [Signature]
 Date: [Blank]

Approval implied for paving and drainage within the R.O.W. and/or easement, all other improvements or E.P.C.D. jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY: [Signature]
 CITY ENGINEER: [Signature]
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

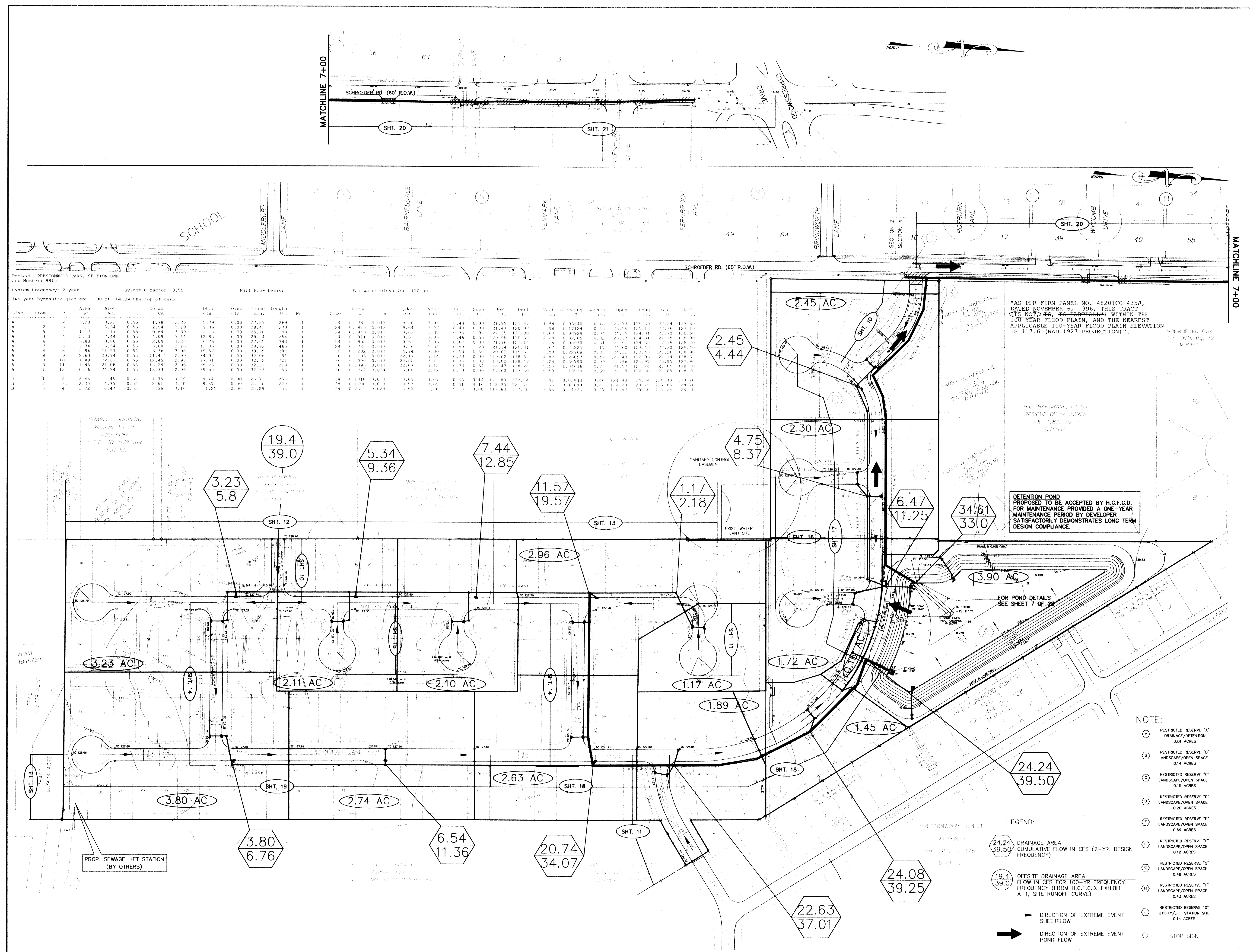
TRAFFIC AND TRANSPORTATION DEPARTMENT

CITY ENGINEER: [Signature]
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

LEGEND:

- 24.24 39.50 DRAINAGE AREA CUMULATIVE FLOW IN CFS (2-YR DESIGN FREQUENCY)
- 19.4 39.0 OFFSITE DRAINAGE AREA FLOW IN CFS FOR 100-YR FREQUENCY (FROM H.C.F.C.D. EXHIBIT A-1, SITE RUNOFF CURVE)
- DIRECTION OF EXTREME EVENT SHEETFLOW
- DIRECTION OF EXTREME EVENT POND FLOW

DATE: 1/11/2000
 SCALE: HORIZ. 1" = 100'
 DRAWN BY: EHM
 SHEET NO. 24 OF 26 SHEETS
 CITY DWG NO.



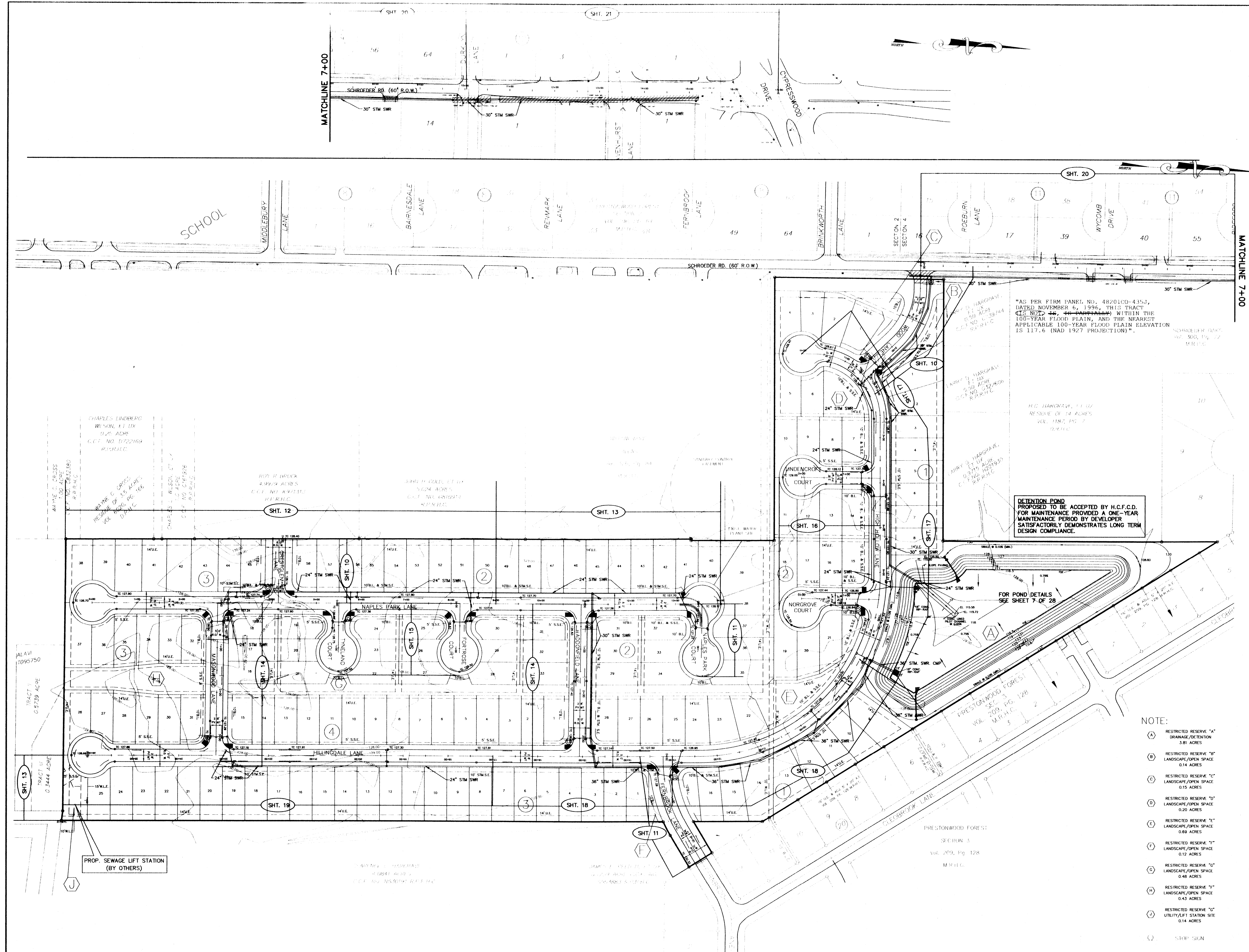
"AS PER FIRM PANEL NO. 48201CO-435J, DATED NOVEMBER 6, 1996, THIS TRACT (SEE MAP) IS WITHIN THE 100-YEAR FLOOD PLAIN, AND THE NEAREST APPLICABLE 100-YEAR FLOOD PLAIN ELEVATION IS 17.6 (NAD 1927 PROJECTION)".

DETENTION POND PROPOSED TO BE ACCEPTED BY H.C.F.C.D. FOR MAINTENANCE PROVIDED A ONE-YEAR MAINTENANCE PERIOD BY DEVELOPER SATISFACTORILY DEMONSTRATES LONG TERM DESIGN COMPLIANCE.

FOR POND DETAILS SEE SHEET 7 OF 26

NOTE:

- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 3.81 ACRES
- (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
- (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
- (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
- (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.69 ACRES
- (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
- (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
- (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
- (I) RESTRICTED RESERVE "I" UTILITY/STATION SITE 0.14 ACRES
- (J) STOP SIGN



PRESTONWOOD PARK SECTION 1, HARRIS COUNTY, TEXAS. THIS PLAN IS A PART OF A LARGER PROJECT AND IS NOT TO BE USED SEPARATELY FROM THE OTHER PARTS OF THE PROJECT. THE INFORMATION CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE A WARRANTY OR REPRESENTATION OF ANY KIND. THE USER OF THIS PLAN SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED HEREIN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED HEREIN.

CONSTRUCTION PLAN FOR
 HARRIS COUNTY MULTIFAMILY
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS
 PROPOSED PAVING AND DRAINAGE LAYOUT
 PRIVATE UTILITY LINES SHOWN

NO.	DATE	REVISION
NA		INDEX
NA		SOUTHWESTERN BELL TELEPHONE CO. SAID FOR ONE YEAR ONLY
NA		HOUSTON LIGHTING & POWER CO. APPROVAL ONLY FOR LIGHTING. APPROVAL ONLY FOR LIGHTING. APPROVAL ONLY FOR LIGHTING.

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
 for Assistant County Engineer

Date: _____
 Approval implied for paving and drainage facilities within limits shown. ROW and/or easement. All other improvements in H.C.F.D. limits jurisdiction are approved as to location only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY:	CITY ENGINEER
PROJECT MANAGER:	PROJECT MANAGER
CONSTRUCTION:	CONSTRUCTION
CITY ENGINEER:	CITY ENGINEER

OTHER APPROVAL:
 TRAFFIC AND TRANSPORTATION DEPARTMENT

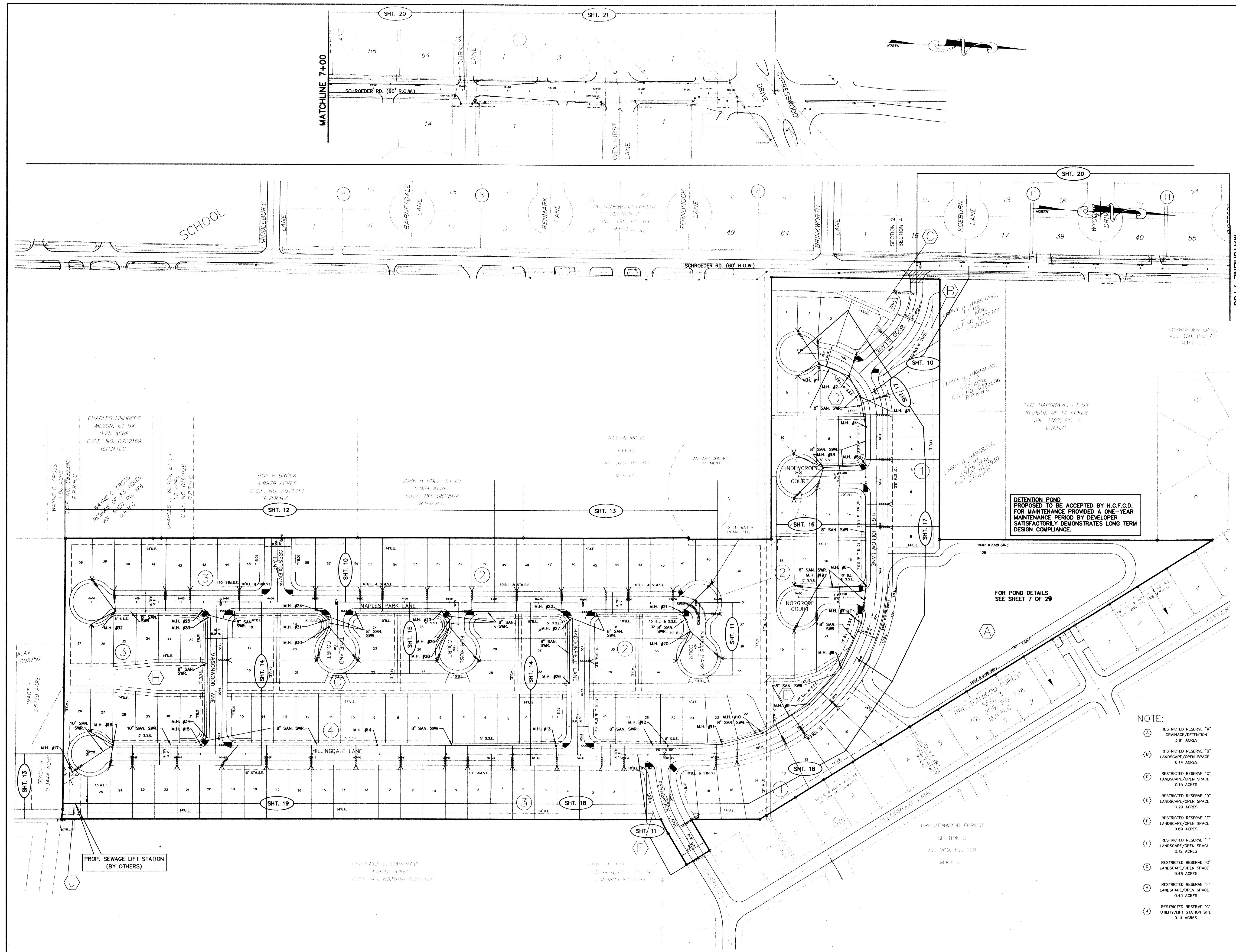
CITY ENGINEER: _____ DATE: 1-17-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED: _____ DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 100' VERT. 1" = 10'
 DATE: DECEMBER, 1999 SHEET NO. 3 OF 28 SHEETS
 SURVEY BY: JOHN THOMAS CITY DWG. NO. _____

SEAL: _____
 12/30/99

CADD DWG. FILE: 115.RR1 JOB NO: 9917
 ORIGINAL SCALE IN INCH FOR REDUCED PLANS

- NOTE:
- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 3.81 ACRES
 - (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
 - (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
 - (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
 - (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.69 ACRES
 - (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
 - (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
 - (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
 - (I) RESTRICTED RESERVE "I" UTILITY/APT STATION SITE 0.14 ACRES
 - (J) STOP SIGN



REVISIONS

NO.	DATE	REVISIONS

CONSTRUCTION PLANS FOR
 HARRIS COUNTY M.U.D. NO. 11
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
SANITARY SEWERS LAYOUT

PRIVATE UTILITY LINES SHOWN

NA	ENTX, INC.	1/14/00	DATE
NA	SOUTHWESTERN BELL TELEPHONE CO.	1/14/00	DATE
NA	HOUSTON LIGHTING & POWER CO.	1/14/00	DATE

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
 for Assistant County Engineer

Date: _____
 Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.D.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY

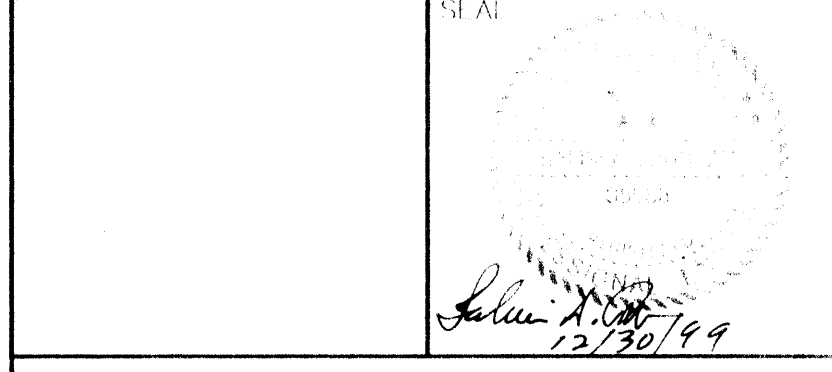
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER: *Mark C. ...* DATE: 1-11-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED	DESIGNED BY: S.A.J.
SCALE: HORIZ. VERT. 1" = 100'	DRAWN BY: T.H.M.
DATE: DECEMBER, 1999	SHEET NO. 4 OF 28 SHEETS
SURVEY BY: JOHN THOMAS	CITY DWG. NO.
T.H.M.	SEAL

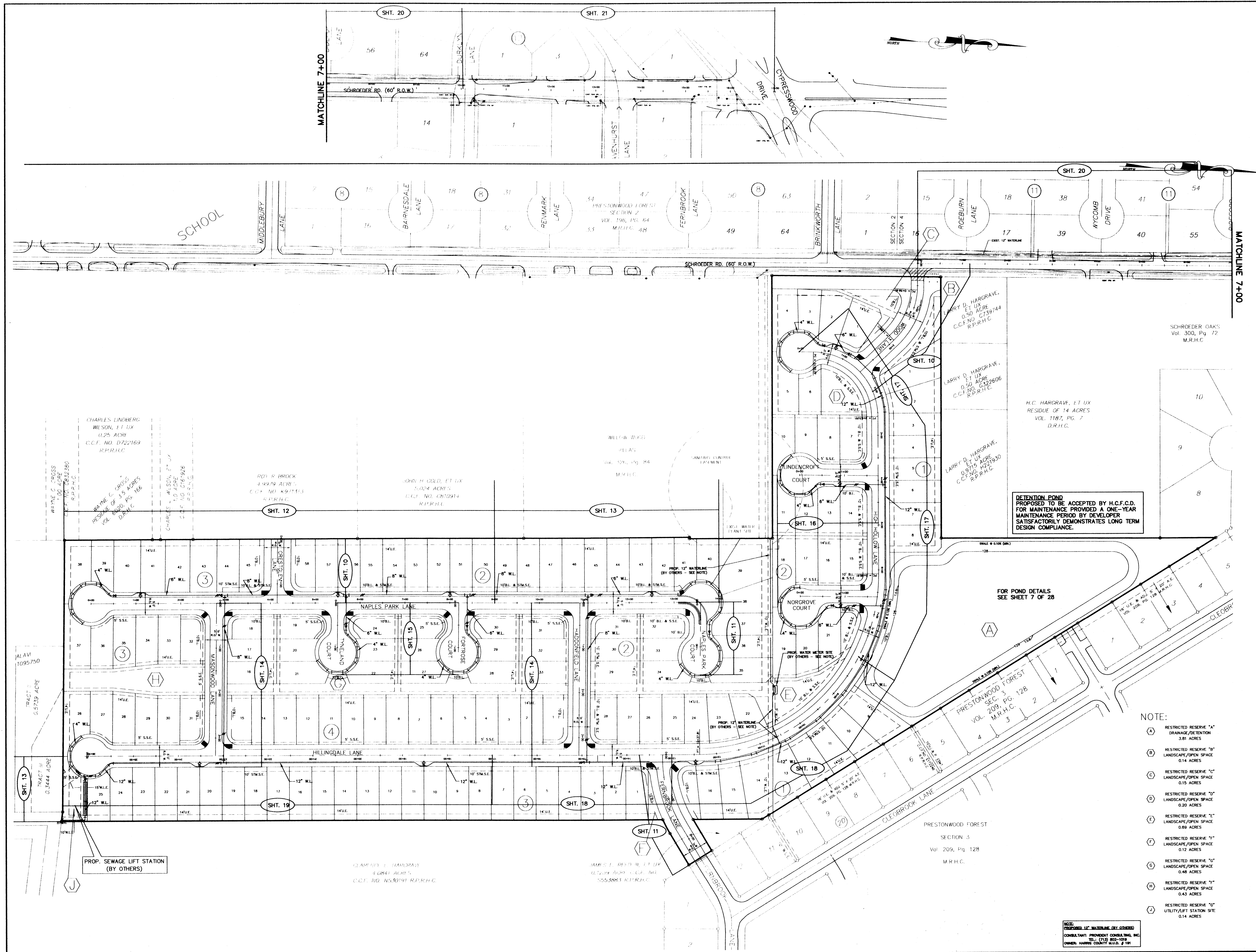


CADD DWG. FILE: 115 582	JOB NO.: 9815
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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

NOTE:

- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 3.81 ACRES
- (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
- (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
- (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
- (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.69 ACRES
- (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
- (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
- (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
- (I) RESTRICTED RESERVE "I" UTILITY/AFT STATION SITE 0.14 ACRES



BE BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tomball, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rat. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.

CONSTRUCTION PLANS FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
WATER MAINS LAYOUT
 PRIVATE UTILITY LINES SHOWN

NA
 ENTEX, INC. DATE 1/4/00
 NA
 SOUTHWESTERN BELL TELEPHONE CO. DATE 1/4/00
 VALID FOR ONE YEAR ONLY
 NA
 HOUSTON LIGHTING & POWER CO. DATE 1/4/00
 APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
 for Assistant County Engineer
 Date _____

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.
 The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY:
 PRIVATELY FUNDED PUBLIC WORKS WATER: *[Signature]*
 WASTEWATER: *[Signature]*
 STORM WATER: *[Signature]*
 CITY FUNDED PUBLIC WORKS PROJECT MANAGER: _____
 CONSTRUCTION CHIEF ENGINEER: _____

OTHER APPROVAL
 TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER: *[Signature]* DATE 1-11-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED: _____ DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 100' DRAWN BY: T.B.M.
 DATE: DECEMBER, 1999 SHEET NO. 5 OF 28 SHEETS
 SURVEY BY: JOHN THOMAS CITY DWG NO: _____
 F B NO: _____

SEAL OF SALMA J. JORDAN
 35588
[Signature]
 12/30/99

CADD DWG. FILE: 115_883_ JOB NO: 9815

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

DETENTION POND PROPOSED TO BE ACCEPTED BY H.C.F.C.D. FOR MAINTENANCE PROVIDED A ONE-YEAR MAINTENANCE PERIOD BY DEVELOPER SATISFACTORILY DEMONSTRATES LONG TERM DESIGN COMPLIANCE.

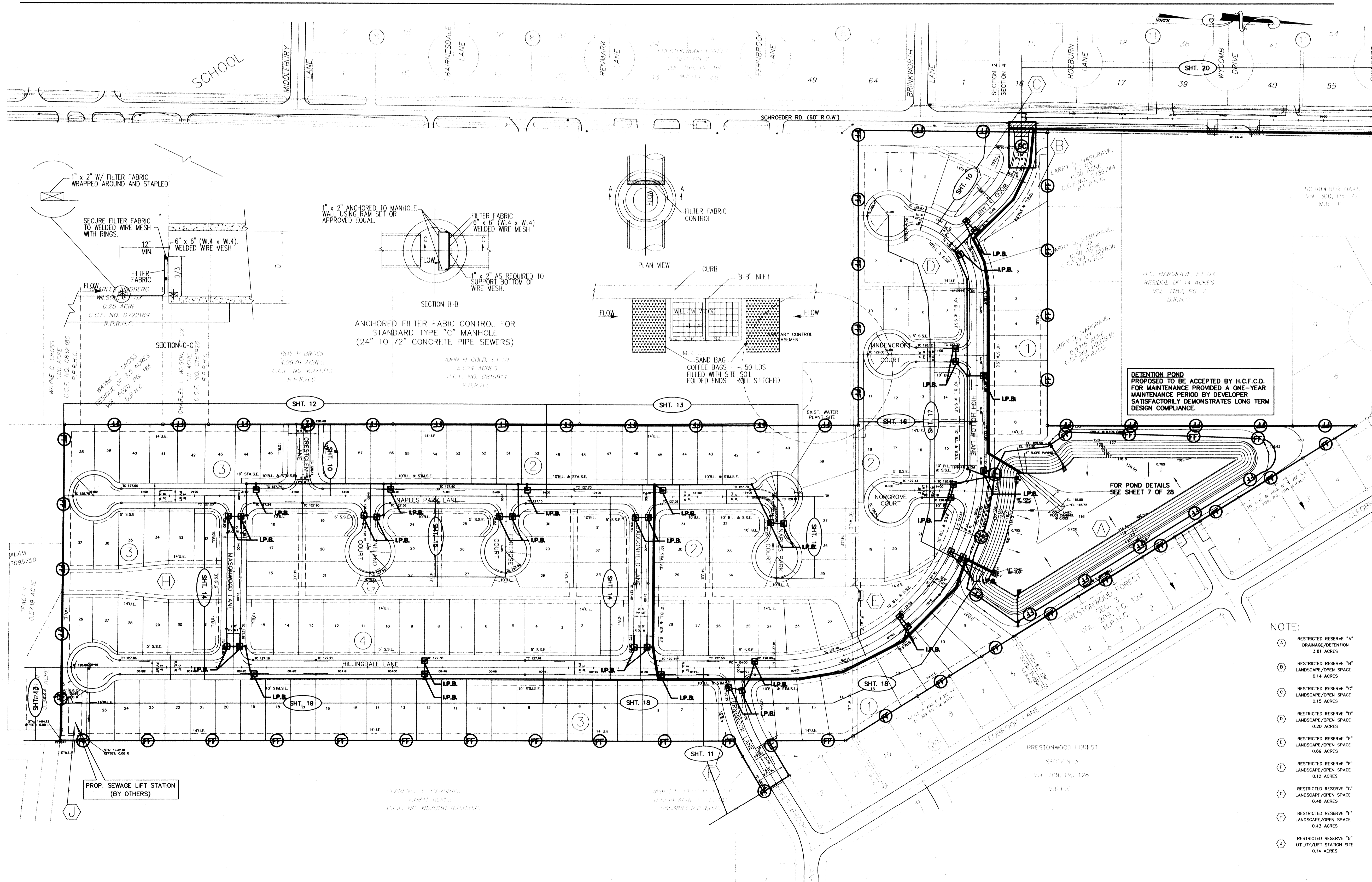
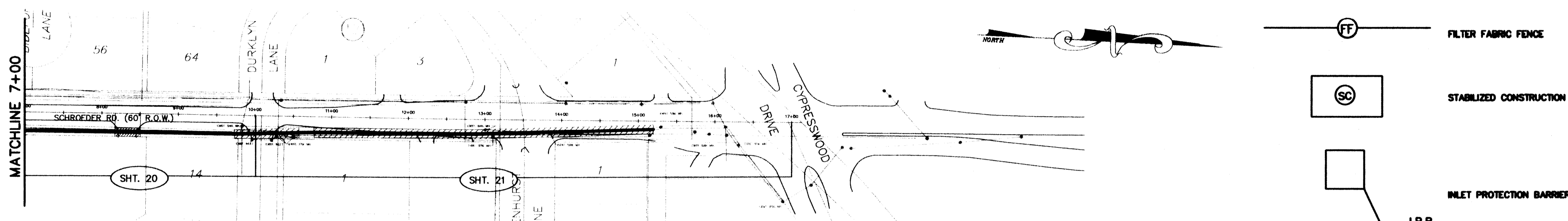
NOTE:

- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 3.81 ACRES
- (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
- (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
- (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
- (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.89 ACRES
- (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
- (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
- (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
- (I) RESTRICTED RESERVE "I" UTILITY/STATION SITE 0.14 ACRES

NOTE:
 PROPOSED 12" WATERLINE (BY OTHERS)
 CONSULTANT: PROGRESS ENGINEERING, INC.
 713.800.1018
 1101 W. WILSON ST., SUITE 100
 HOUSTON, TEXAS 77030

GENERAL NOTE:

1. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND NUMBER OF STABILIZED CONSTRUCTION EXITS.
2. CONTRACTOR SHALL PROVIDE CONTINUOUS STREET CLEANING THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD TO PROTECT EXISTING STREETS FROM VEHICLE TRACKING OFF-SITE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SEDIMENTATION CONTROL SYSTEMS AROUND THE PERIMETER OF STORAGE AREAS, CONSTRUCTION TRAILERS, PARKING AREAS, SPOIL DISPOSAL SITES, ETC., UNLESS AREA DRAINS TO EXISTING SEDIMENTATION CONTROLLED SYSTEMS.
4. CONTRACTOR SHALL HYDRO-MULCH SEED ALL DISTURBED AREAS WITHIN 24 HRS AFTER FINAL GRADING AND INSTALL ONE CONTINUOUS ROW OF SOD BEHIND ALL PROPOSED CURBS AND INLETS.
5. CONTRACTOR SHALL CONSTRUCT FILTER FABRIC FENCE AS SHOWN ON HARRIS COUNTY DRAWING NUMBER 708.
6. CONTRACTOR SHALL CONSTRUCT ANCHORED FILTER FABRIC CONTROL FOR STANDARD TYPE "C" MANHOLE (24" TO 72" CONCRETE PIPE SEWERS) AS SHOWN ON SHEET.
7. SEE STORM WATER POLLUTION PREVENTION PLAN REPORT FOR ADDITIONAL INSTRUCTIONS.



BENCHMARK:
RM192, Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tarrant approx. 41 feet Northwest of Northwest rail, approx. 2 feet Northeast of fence, and approx level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS

CONSTRUCTION PLANS FOR
HARRIS COUNTY M.U.D. NO. 111
PRESTONWOOD PARK SECTION 1
HARRIS COUNTY, TEXAS

PROPOSED
STORM WATER POLLUTION PREVENTION PLAN
PRIVATE UTILITY LINES SHOWN

NA
ENX, INC. 1/4/00
DATE

NA
SOUTHWESTERN BELL TELEPHONE CO. 1/4/00
DATE
VALID FOR ONE YEAR ONLY

NA
HOUSTON LIGHTING & POWER CO. 1/4/00
DATE
APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
for Assistant County Engineer

Date: _____

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY:

PRIVATELY FUNDED PUBLIC WORKS WATER	CITY FUNDED PUBLIC WORKS
WASTE WATER	PROJECT MANAGER
STORM WATER	CONSTRUCTION
STREET & BRIDGE	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER: *M. J. ...* DATE: 1-11-2000
DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED: _____
SCALE: HORIZ. 1" = 100'
VERT. _____
DATE: DECEMBER, 1999
SURVEY BY: JOHN THOMAS
CITY DWG NO. _____

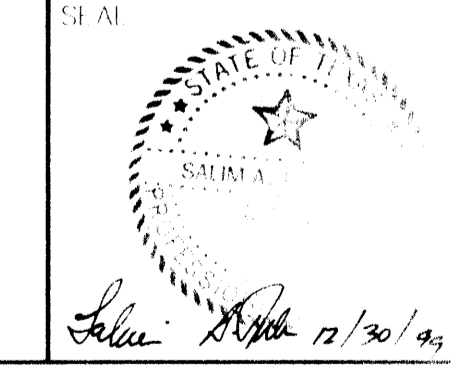
DESIGNED BY: S.A.J.
DRAWN BY: T.B.M.
SHEET NO. 6 OF 28 SHEETS
CITY DWG NO. _____

CADD DWG. FILE: 115-484 JOB NO: 9815

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

NOTE:

- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 3.81 ACRES
- (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
- (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
- (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
- (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.69 ACRES
- (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
- (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
- (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
- (I) RESTRICTED RESERVE "I" UTILITY/RT STATION SITE 0.14 ACRES



BENCHMARK:

RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri Kansas-Texas Railroad from station at Tomball, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.

CONSTRUCTION PLANS
FOR
HARRIS COUNTY M.U.D. No. 19
PRESTONWOOD PARK
SECTION 1
HARRIS COUNTY, TEXAS

PROPOSED
POND LAYOUT
AND DETAILS
PRIVATE UTILITY LINES SHOWN

NA	1/19/00
ENTEX, INC.	DATE
NA	1/19/00
SOUTHWESTERN BELL TELEPHONE CO.	DATE
VALID FOR ONE YEAR ONLY	
NA	1/19/00
HOUSTON LIGHTING & POWER CO.	DATE
APPROVAL ONLY FOR CROSSING UNDERGROUND	
DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY	

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
for Assistant County Engineer

Date
Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

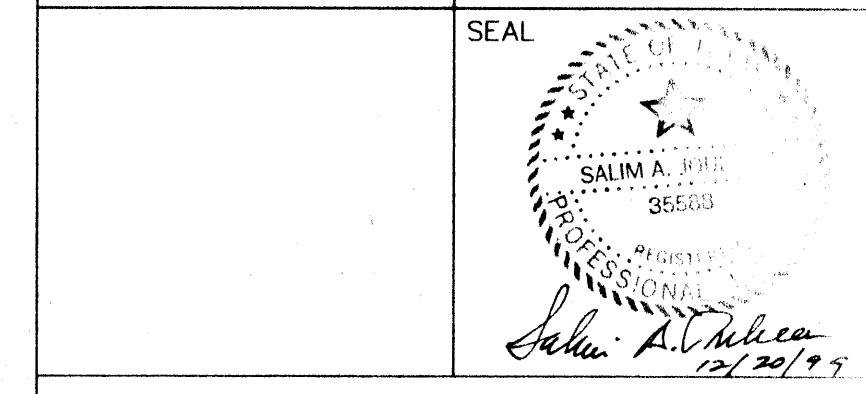
REVIEWED BY	CITY FUNDED PUBLIC WORKS
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	WATER
WASTEWATER	WASTEWATER
STORM WATER	STORM WATER
PROJECT MANAGER	PROJECT MANAGER
CONSTRUCTION	CONSTRUCTION
CHIEF ENGINEER	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

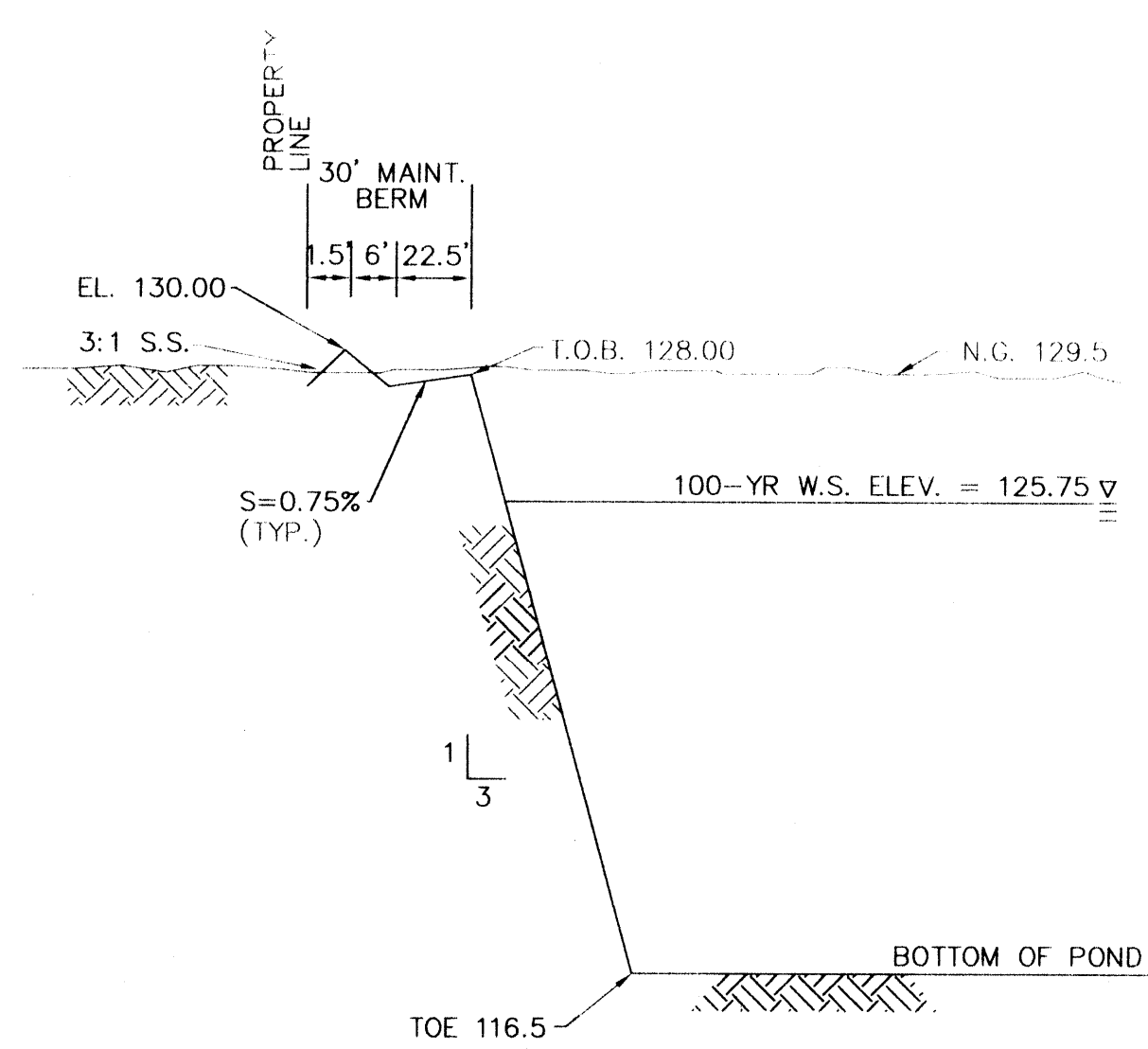
CITY ENGINEER DATE
1-11-2000

DESIGNED BY: S.A.J.
DRAWN BY: T.B.M.
DATE: DECEMBER, 1999 SHEET NO. 7 OF 28 SHEETS
SURVEY BY: JOHN THOMAS CITY DWG NO:
F B NO:

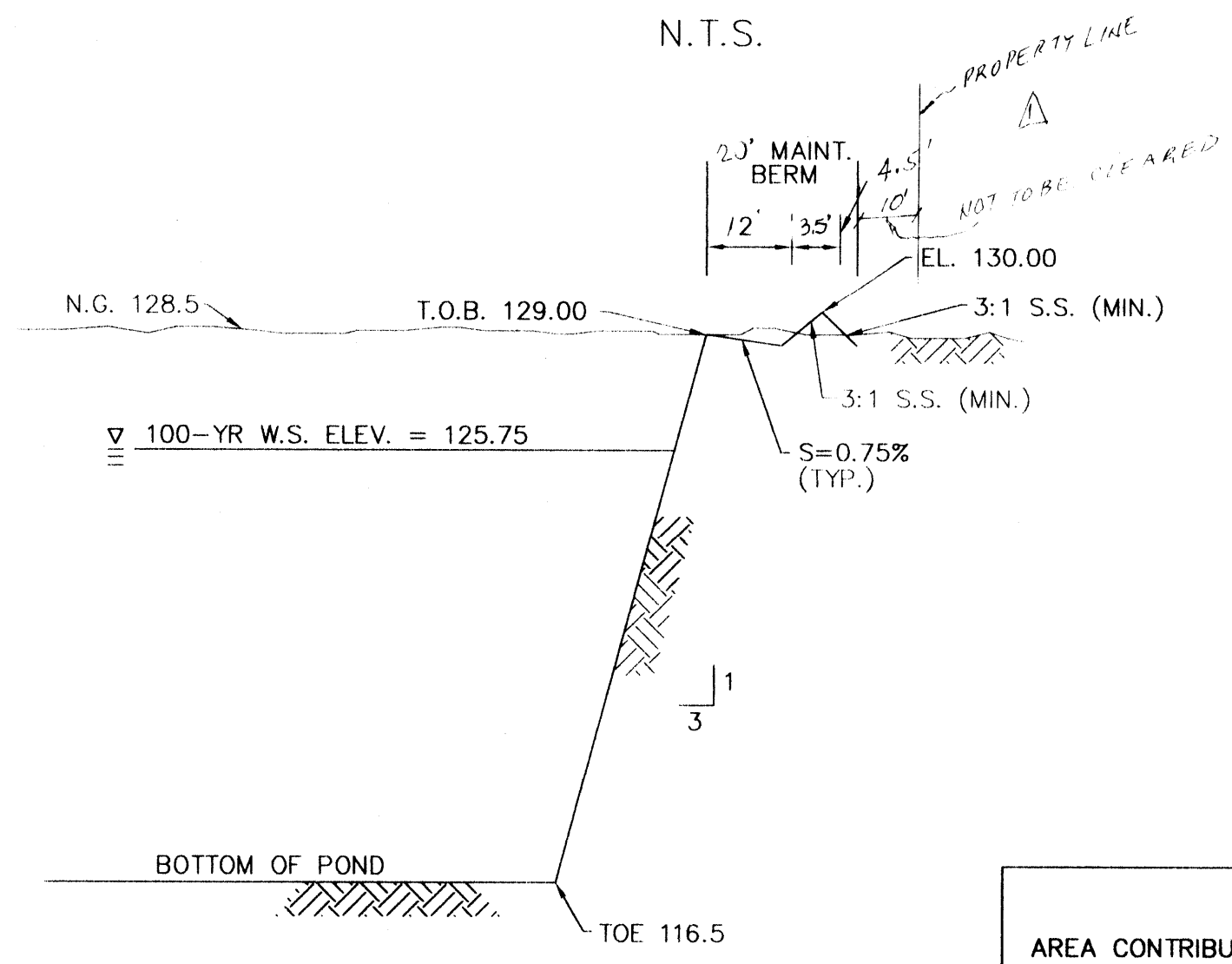


PEPE ENGINEERING
9950 CYPRESSWOOD, SUITE 300
HOUSTON, TEXAS 77070-3412
TELEPHONE: (281)887-0590
pepeinc@pepe-engineering.com

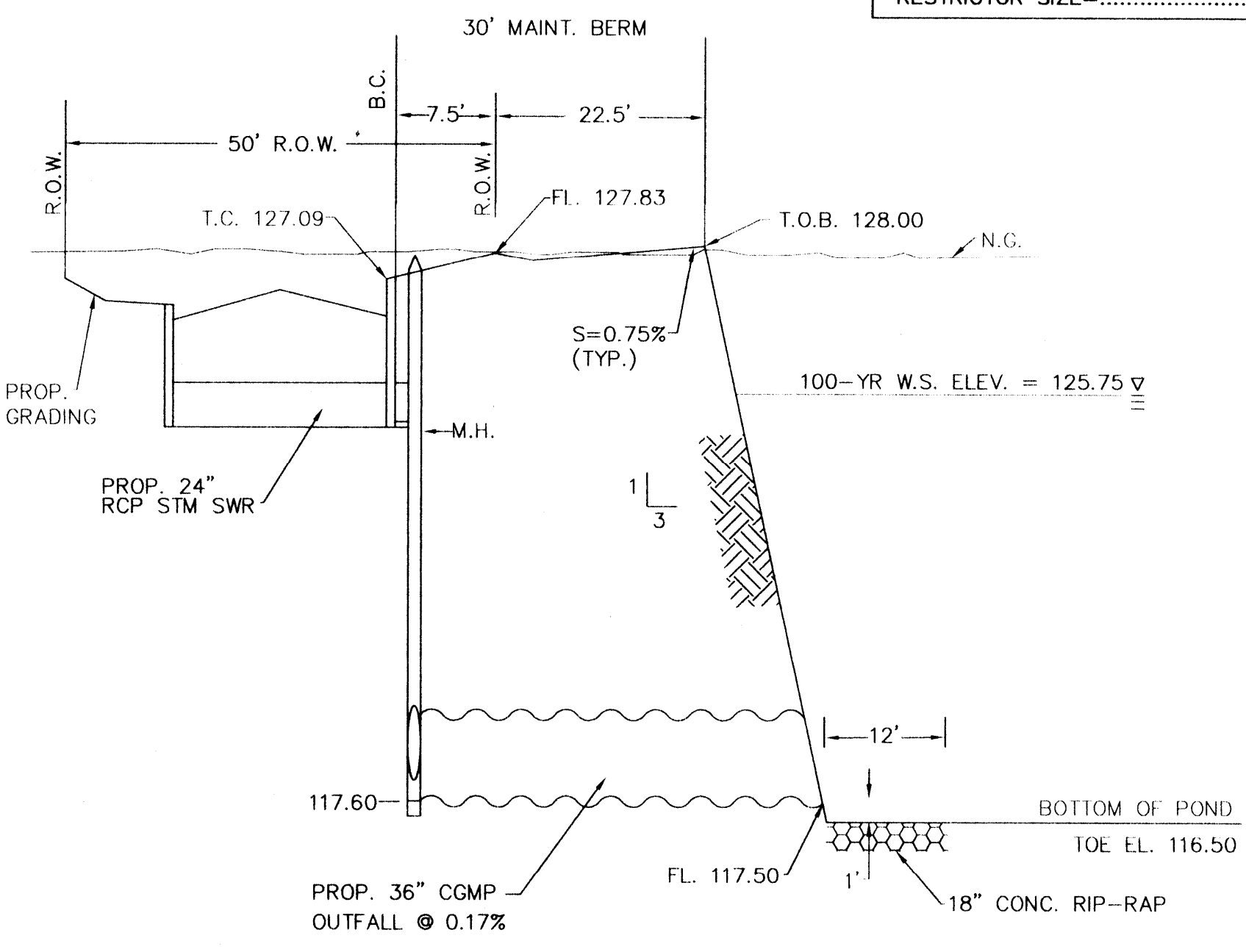
CADD DWG. FILE: 115_890_ JOB NO: 9815
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



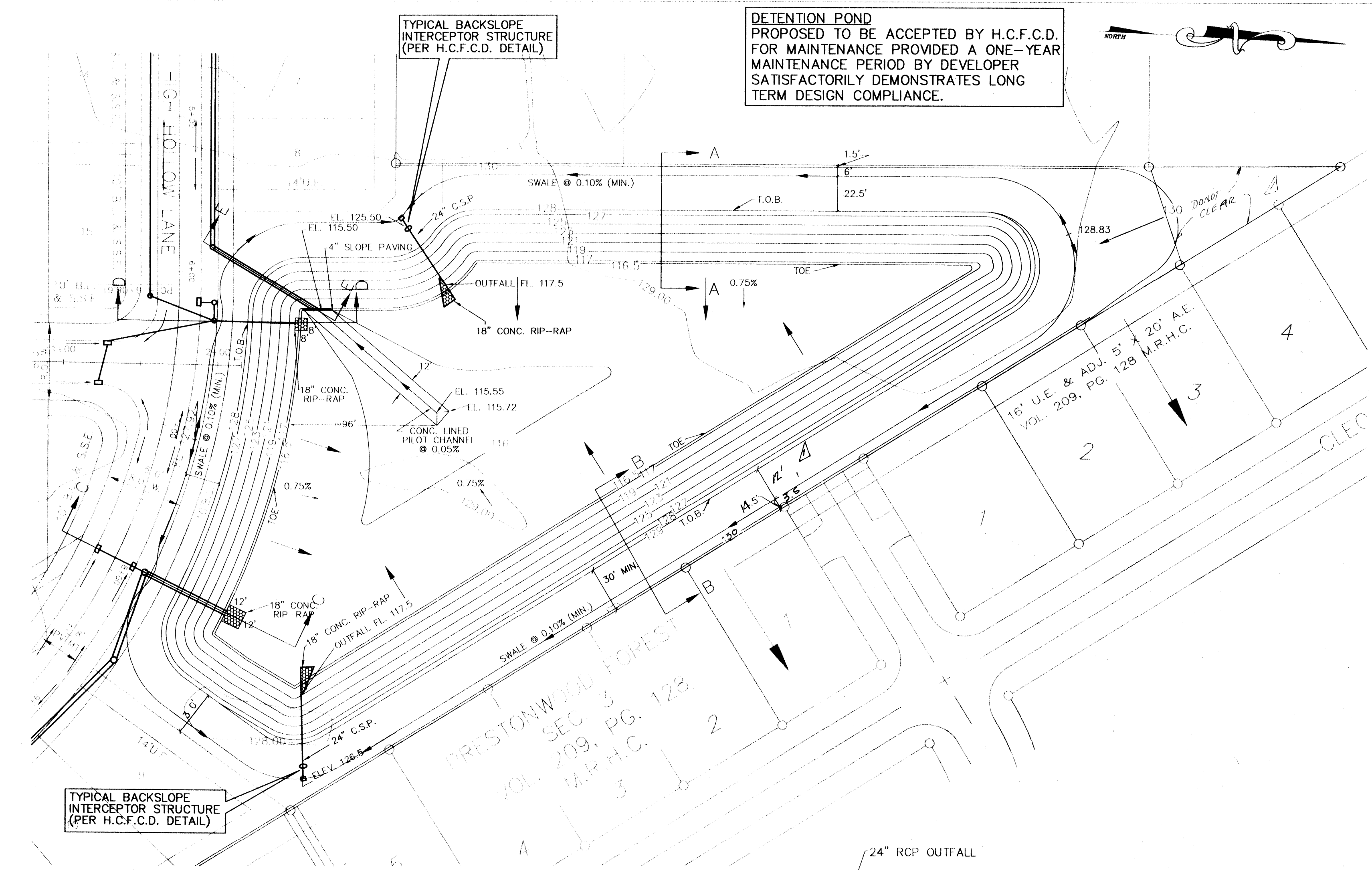
SECTION A-A
N.T.S.



SECTION B-B
N.T.S.



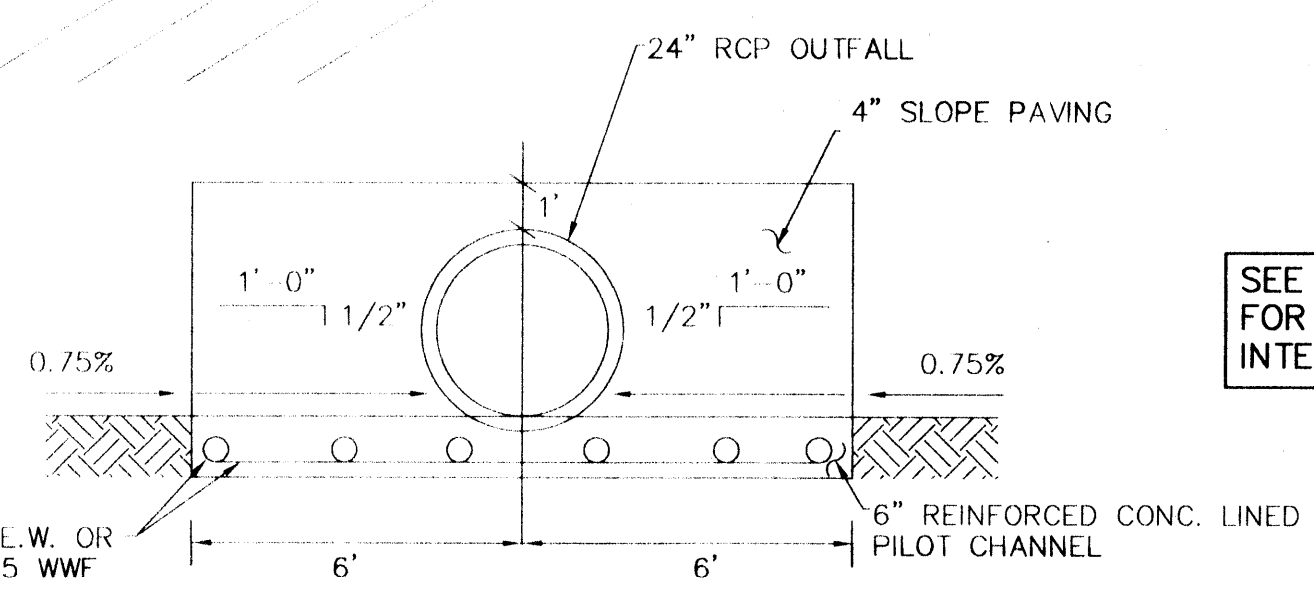
SECTION C-C
N.T.S.



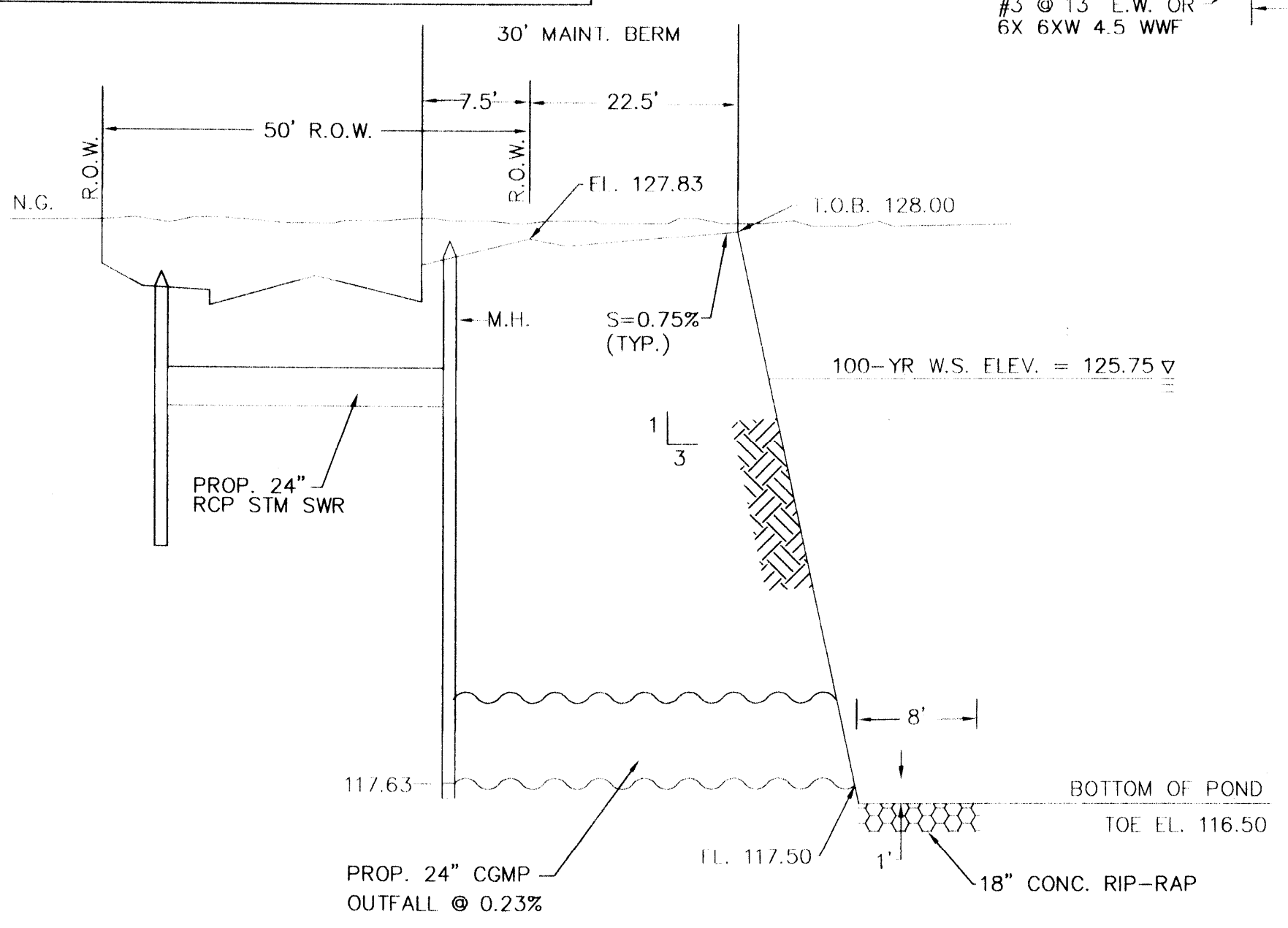
DETENTION POND SUMMARY

AREA CONTRIBUTING=	54.3	ACRES
AREA SERVICED=	34.9	ACRES
DETENTION STORAGE RATE =Cs=	0.51	ACRE-FEET /ACRE
DETENTION STORAGE VOLUME REQUIRED=	17.8	ACRE-FEET
DETENTION STORAGE VOLUME PROVIDED=	23.3	ACRE-FEET (AT TOP OF BANK)
MAXIMUM DESIGN WATER SURFACE ELEVATION=	125.75	(1973 ADJ.; AT REQUIRED DETENTION VOLUME)
MAXIMUM OUTFALL RATE ALLOWED=	17.45	CFS
MAXIMUM OUTFALL RATE PROVIDED=	17.45	CFS
RESTRICTOR SIZE=	24	INCHES

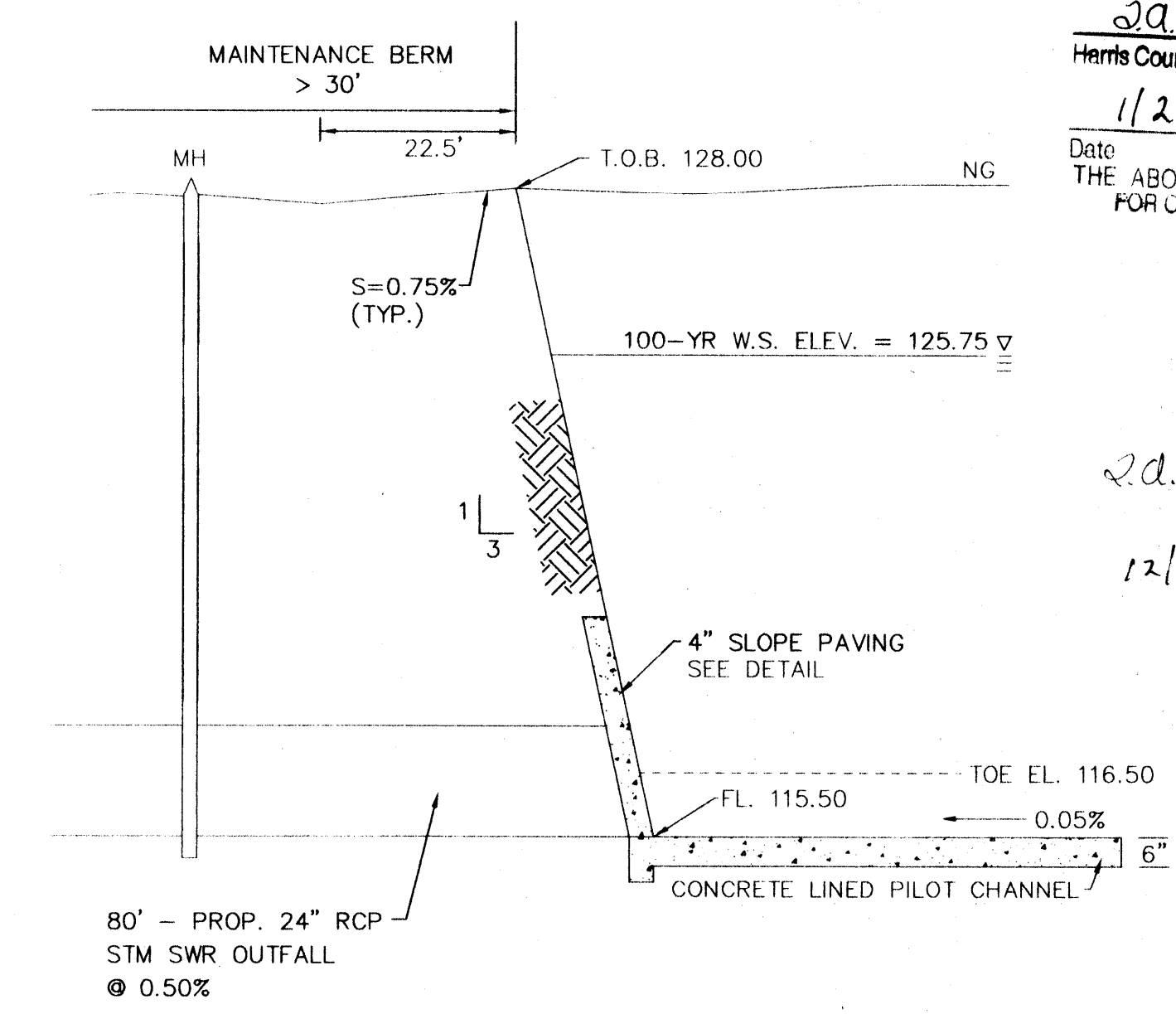
SCALE = 1" = 50'



SEE SHEET 22 OF 28
FOR STANDARD HCFD OUTFALL AND
INTERCEPTOR STRUCTURE DETAIL



SECTION D-D
N.T.S.



SECTION E-E
N.T.S.

EM-97 Branch and set in place of...
 post, approx. 2.5 miles southwest of...
 Harris County, Texas. Highway from stationing...
 approx. 41 feet Northeast of location...
 approx. 2 feet Northeast of base level...
 level with rail 1973 adjustment. The...

NO.	DATE	REVISIONS

CONSTRUCTION PLANS
 FOR
HARRIS COUNTY M.U.D. No. 119
PRESTONWOOD PARK
SECTION 1
 HARRIS COUNTY, TEXAS
 PROPOSED
LOT GRADING PLAN
 PRIVATE UTILITY LINES SHOWN

ENTEX, INC. DATE: _____
 SOUTHWESTERN BELL TELEPHONE CO. DATE: _____
 VALID FOR ONE YEAR ONLY
 HOUSTON LIGHTING & POWER CO. DATE: _____
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
 for Assistant County Engineer

Date: _____
 Approval implied for paving and drainage facilities within Harris County
 R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or
 jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

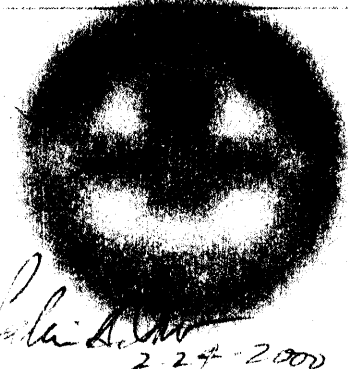
REVIEWED BY	
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER
STREET & BRIDGE	OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

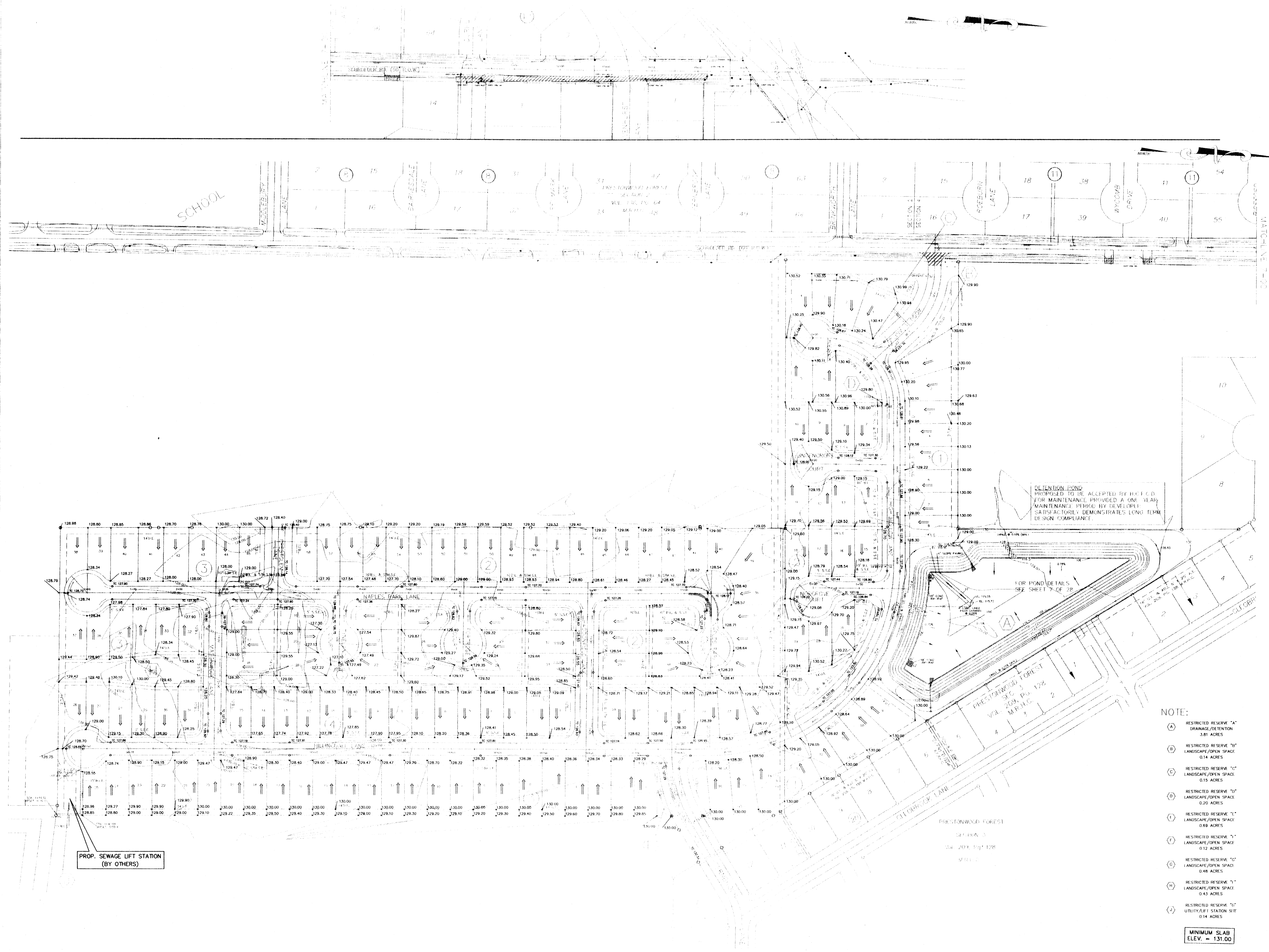
CITY ENGINEER DATE: _____

DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE: _____

SUBMITTED: _____ DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 100' DRAWN BY: T.H.M.
 DATE: JANUARY, 2000 SHEET NO. 8 OF 26 SHEETS
 SURVEY BY: JOHN THOMAS CITY DWG NO. _____

F.B. NO. _____ SEAL

 2-24-2000

CADD DWG. FILE: 115_886 JOB NO. 9510
 ORIGINAL SCALE IN INCHES
 FOR REDUCED PLANS



- NOTE:
- (A) RESTRICTED RESERVE "A" DRAINAGE/RETENTION 0.81 ACRES
 - (B) RESTRICTED RESERVE "B" LANDSCAPE/OPEN SPACE 0.14 ACRES
 - (C) RESTRICTED RESERVE "C" LANDSCAPE/OPEN SPACE 0.15 ACRES
 - (D) RESTRICTED RESERVE "D" LANDSCAPE/OPEN SPACE 0.20 ACRES
 - (E) RESTRICTED RESERVE "E" LANDSCAPE/OPEN SPACE 0.69 ACRES
 - (F) RESTRICTED RESERVE "F" LANDSCAPE/OPEN SPACE 0.12 ACRES
 - (G) RESTRICTED RESERVE "G" LANDSCAPE/OPEN SPACE 0.48 ACRES
 - (H) RESTRICTED RESERVE "H" LANDSCAPE/OPEN SPACE 0.43 ACRES
 - (I) RESTRICTED RESERVE "I" UTILITY/LIFT STATION SITE 0.14 ACRES
- MINIMUM SLAB ELEV. = 131.00

SANITARY SEWER NOTES:

- SANITARY SEWER JOINTS (ALL TYPES PVC INCLUDED) SHALL BE RUBBER GASKET EQUIPPED BELL AND SPIGOT TYPE. CHEMICALLY WELDED SANITARY SEWER JOINTS ARE NOT ACCEPTABLE!
- ANY PIPE TYPES NOT LISTED BELOW TAKE MODIFIED CLASS "AA" BEDDING UNLESS OTHERWISE SPECIFIED IN A SPECIAL LETTER OF PERMISSION. SEE C/H DRAWING #02730-03A, EFFECTIVE 2/17/94. STANDARD BEDDING FOR DUCTILE IRON - "C" WITH POLYETHYLENE WRAP
- ALL MANHOLE RIMS SHALL BE ABOVE THE 100 YEAR FLOOD ELEVATION OR THE MANHOLE TOP SHALL BE SEALED AND VENTED WITH A DETAIL OF A VENTED MANHOLE TO BE INCLUDED IN THE PLANS.
 - CITY OF HOUSTON SIGNATURES AFFIXED TO PLANS SHALL BE VALID FOR 1 YEAR ONLY AFTER THE DATE OF SAID SIGNATURES. ANY CHANGES MADE TO THE PLANS AFTER SAID DATE WILL REQUIRE REPLACEMENT AND/OR UPDATE OF THE SIGNATURES ON THE PLANS. WHEN THE SIGNATURES ARE BEING UPDATED, DESIGN CHANGES MAY BE ORDERED FOR ANY UNBUILT ITEMS FOUND ON THE PLANS. [NOTE: THIS ITEM DOES NOT APPLY TO CITY OF HOUSTON CAPITAL PROJECTS DEPT. PLANS!]
- DEFLECTION TESTING SHALL BE PERFORMED FOR ALL NON-RIGID PIPE TYPES. DEFLECTION TESTING SHALL BE CONDUCTED AFTER THE GRAVITY SANITARY SEWER HAS BEEN IN PLACES FOR AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. THE DEFLECTION TEST SHALL BE CONDUCTED USING A RIGID BALL OR MANDREL HAVING AN INSIDE DIAMETER EQUAL TO 95% OF THE INTERIOR DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES. I. & E. TEST FOR SANITARY SEWER SYSTEM SHALL BE IN ACCORDANCE WITH CITY OF HOUSTON REQUIREMENTS.
- SPECIAL BACKFILL - SEE ADDENDUM SEWER SPECIFICATION E-14-62, CITY OF HOUSTON SEWER SPECIFICATIONS FOR CEMENT STABILIZED BACKFILL OF SANITARY AND TRENCHES UNDER OR WITHIN (1) FT. OF PROPOSED OR EXISTING PAVEMENT.
- WYE BRANCHES, STACKS AND TEES FOR HOUSE SERVICE CONNECTION SHALL BE CENTERED BETWEEN SIDE LOT LINES UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL PROVIDE ENGINEER WITH DRAWINGS OF ACTUAL FIELD TIES OF THE WYES, STACKS AND TEES LOCATING THEM FROM THE NEAREST DOWNSTREAM MANHOLE.
- ALL MANHOLE RIMS LOCATED OUTSIDE OF THE PROPOSED PAVING WILL BE SET 3" ABOVE TOP OF CURB ELEVATION WHEN WITHIN STREET RIGHT-OF-WAY OR 3" TO 6" ABOVE SURROUNDING LEVEL OF FINISHED GRADE ELSEWHERE WITH SLOPED FILL ADDED FOR STORM DRAINAGE AWAY FROM THE MANHOLE RIM.
- ALL SANITARY SEWER MATERIALS, CONSTRUCTION, AND TESTING WILL BE IN ACCORDANCE WITH CITY OF HOUSTON E-14-62 (1977 PRINTING AND ALL SUBSEQUENT AMENDMENTS THERETO).
- CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY THE "REGULATIONS OF HARRIS COUNTY, TEXAS FOR FLOOD PLAIN MANAGEMENT".
- FOR USE IN WET SAND CONSTRUCTION AREAS, USE DRAWING #02730-01A & 02600-12, EFFECTIVE 2/17/94
- PVC TO BE SDR-26, ASTM D-3034, PVC TO HAVE A MINIMUM CELL CLASS 12454 A OR B PER ASTM D1784, ALL PVC PIPES TO HAVE GASKETED JOINTS WITH RUBBER GASKETS PER ASTM D-3212. GASKETS TO MEET ASTM F477.
- ALL FITTINGS FOR PVC PIPE SHALL BE SDR-26 FULL BODIED FITTINGS.
- DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA C151/A21.51 THK 50. IT SHALL BE WRAPPED IN 8 MILLS OF POLY ETHYLENE TUBING PER ANSI A21.51 AWWA C105. THE INTERIOR OF THE DIP SHALL BE LINED WITH 45 MILLS OF POLY ETHYLENE PER ASTM D-1748. LINER TO BE POLY LINF BY US PIPE, POLY BOND BY AMERICAN LIP, OR EQUAL. DIP TO HAVE "C" BEDDING.
- A STAINLESS STEEL DISH INSERT MUST BE PROVIDED FOR ALL SANITARY MANHOLES.

GENERAL NOTES - WATER

- ALL WATERLINE TO HAVE A MINIMUM OF FOUR (4) FEET OF COVER TO TOP OF CURB UNLESS OTHERWISE SHOWN.
- ALL FLUSHING VALVES SHALL BE SET THREE (3) FEET BEHIND BACK OF CURB.
- STEEL WATER LINE SECTION TO EXTEND A MINIMUM OF FIVE (5) FEET BEYOND 45' BENDS.
- THE CONTRACTOR MAY USE A BACK HOE FOR TRENCH EXCAVATION IN LIEU OF A TRENCHING MACHINE.
- WHENEVER SANITARY SEWERS CROSS OVER WATER MAINS, ONE 18' JOINT OF DUCTILE PIPE SHALL BE INSTALLED IN THE SEWER LINE AND CENTERED AT THE WATER LINE CROSSING, 6" MINIMUM CLEARANCE.
- DUCTILE IRON PIPE SHALL BE MINIMUM THICKNESS CLASS 50. THE PRESSURE RATING FOR BOTH THE PIPE AND THE JOINTS SHALL BE 150 PSI OR GREATER.
- WHENEVER SANITARY SEWERS CROSS OVER WATER MAINS, AND THE OUT-TO-OUT PIPE CLEARANCE IS LESS THAN 24", A CENTERED 18' JOINT OF DUCTILE IRON PIPE SHALL BE USED.
- WHENEVER SANITARY SEWERS CROSS OVER WATER MAINS AND THE MINIMUM PIPE CLEARANCE IS 24" OR GREATER, A CENTERED 20' SECTION OF CEMENT STABILIZED SAND (2 SACKS OF CEMENT PER CUBIC YARD) SHALL BE INSTALLED FROM THE LOWER 1/4 POINT OF THE SEWER PIPE TO A LEVEL OF 1 PIPE DIAMETER ABOVE THE SEWER PIPE, BUT IN NO CASE SHALL THE DEPTH OF SAND ABOVE THE SEWER PIPE BE LESS THAN 12".
- ALL P.V.C. WATER MAINS SHALL BE F C-900, DR 18, CLASS 150; DISTRICT WILL INSTALL.
- ALL WATER METERS MUST HAVE INDIVIDUAL SERVICE LEADS AS PER CITY OF HOUSTON STANDARDS.

GENERAL NOTES FOR WATER MAIN PROJECTS IN THE CITY'S I.U.

- ALL WATER MAINS UNDER STREET PAVEMENT - 4 INCHES THRU 12 INCHES IN DIAMETER, IF NOT SPECIFIED OTHERWISE, SHALL BE AWWA C-900 PVC PIPE.
- CONTRACTOR SHALL PROVIDE ADEQUATE THRUST BLOCKING TO WITHSTAND TEST PRESSURE SPECIFIED IN SPECIFICATION FOR WATER MAIN CONSTRUCTION AND MATERIALS WITH LATEST ADDENDA AND AMENDMENTS THERETO.
- DISTRICT WILL INSTALL LEADS, TAPS, AND METERS.

GENERAL NOTES - PAVING

- PAVING SHALL BE IN ACCORDANCE WITH HARRIS COUNTY "RULES, REGULATIONS AND REQUIREMENTS RELATING TO THE APPROVAL AND ACCEPTANCE OF IMPROVEMENTS IN SUBDIVISIONS OR RE-SUBDIVISIONS" AND THE LATEST REVISIONS AND/OR AMENDMENTS OF SAME.
- GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SHALL BE OBSERVED.
- ALL RADII AT CURB RETURNS TO BE 25.0' TO BACK OF CURB UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY HARRIS COUNTY ENGINEERING DEPARTMENT 24 HOURS IN ADVANCE OF COMMENCING CONSTRUCTION. (713-755-5504). AND WRITTEN NOTIFICATION 48 HOURS IN ADVANCE.
- STOP SIGN (R1 - 1A) TO BE PLACED AT ALL INTERSECTIONS.
- OWNER TO OBTAIN ALL PERMITS REQUIRED BY HARRIS COUNTY FOR CONSTRUCTION OF UTILITIES AND/OR CULVERTS WITHIN COUNTY ROAD R.O.W.

NOTE:

NOTIFY DISTRICT OPERATOR, AQUASOURCE (MUNISERVICE CORPORATION) AT (713) 849-6660, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. ALL WATER TAPS AND METERS TO BE INSTALLED BY DISTRICT OPERATOR.

PRIVATE UTILITY COMPANY NOTES

HOUSTON LIGHTING AND POWER COMPANY

CAUTION: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL HL&P AT 713-207-7777.

ENTEX

CAUTION: UNDERGROUND GAS FACILITIES

LOCATION OF ENTEX MAIN LINES (TO INCLUDE UNITED GAS TRANSMISSION, AND/OR INDUSTRIAL GAS SUPPLY CORPORATION WHERE APPLICABLE) ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. SERVICE LINES ARE USUALLY NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 OR 1-800-669-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

WHEN ENTEX PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 967-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.

WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF ENTEX FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.

WHEN ENTEX FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

SOUTHWESTERN BELL TELEPHONE COMPANY

THE LOCATIONS OF SOUTHWESTERN BELL TELEPHONE CO. UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.

GENERAL NOTES - CONSTRUCTION

CONSTRUCTION SHALL CONFORM TO DESIGN MANUAL 1996, AND STANDARD SPECS AND STANDARD DETAILS NOV. 1997. CONTRACTOR SHALL OBTAIN AND USE A COPY OF LATEST EDITION OF SAME. OBTAIN AT CITY FILE ROOM.

GENERAL UTILITY NOTES

WATER LINES, WASTEWATER COLLECTION SYSTEMS, AND DRAINAGE SYSTEMS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S "STANDARD CONSTRUCTION SPECIFICATIONS" DATED SEPTEMBER 1997, AND "STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING" DATED JULY 1997 UNLESS OTHERWISE NOTED AND APPROVED ON THESE PLANS. THE DESIGN IS CONSISTENT WITH THE MINIMUM STANDARDS ESTABLISHED IN THE "DESIGN MANUAL FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING", DATED SEPTEMBER 1996.

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING PUBLIC OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS AND STORM SEWERS, DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD CONSTRUCTION SPECIFICATIONS" WITH LATEST ADDENDA AND AMENDMENTS THERETO, WITH NO COST TO THE PUBLIC.

HARRIS COUNTY CONSTRUCTION NOTES

- STORM SEWERS SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON DESIGN MANUAL AND STANDARD CONSTRUCTION DETAILS, AS CURRENTLY AMENDED.
- REINFORCED CONCRETE PIPE (C76 CLASS III) STORM SEWERS SHALL BE INSTALLED, BEDDED AND BACK FILLED IN ACCORDANCE WITH CITY OF HOUSTON DRAWINGS 02317-04, 02317-05, 02317-06, 02317-07 AND 02317-09.
- ALL SEWERS CONSTRUCTED INSIDE LOT EASEMENTS SHALL BE R.C.P. MINIMUM TWENTY (20) FOOT WIDE EASEMENTS SHALL BE PROVIDED.
- ALL SEWERS UNDER ONE (1) FOOT OF PROPOSED OR FUTURE PAVEMENT SHALL BE BACK FILLED WITH 1-1/2 SACK CEMENT STABILIZED TO WITHIN ONE (1) FOOT OF SUBGRADE.
- ALTERNATIVE TO CEMENT STABILIZED SAND BACKFILL FOR PIPES 54-INCH AND LARGER, FROM 1-FOOT ABOVE THE TOP OF THE PIPE TO THE BOTTOM OF THE SUBGRADE, CONTRACTOR MAY BACKFILL WITH SUITABLE MATERIAL, PROVIDED THE BACKFILL MATERIAL IS PLACED IN 8-INCH LIFTS AND MECHANICALLY COMPACTED TO 95% STANDARD PROCTOR DENSITY. TESTS SHALL BE TAKEN AT 100-FOOT INTERVALS ON EACH LIFT. BEDDING AND BACKFILL TO 1-FOOT ABOVE THE TOP OF THE PIPE SHALL BE CEMENT STABILIZED SAND.
- ALL PROPOSED PIPE STUB-OUTS FROM MANHOLES OR INLETS ARE TO BE PLUGGED WITH 8" BRICK WALLS.
- THE CONTRACTOR SHALL NOTIFY THE HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT DEVELOPMENT PROJECTS SECTION, TWENTY-FOUR (24) HOURS IN ADVANCE OF COMMENCING CONSTRUCTION (713)-(956-3071) AND WRITTEN NOTIFICATION FORTY-EIGHT HOURS IN ADVANCE OF COMMENCING CONSTRUCTION.
- PAVING SHALL BE IN ACCORDANCE WITH HARRIS COUNTY "RULES, REGULATIONS AND REQUIREMENTS RELATING TO THE APPROVAL AND ACCEPTANCE OF IMPROVEMENTS IN SUBDIVISIONS OR RE-SUBDIVISIONS" AND/OR AMENDMENTS OF SAME. OF COMMENCING CONSTRUCTION.
- GUIDELINES SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SHALL BE OBSERVED.
- ALL STORM SEWER MANHOLE RIMS LOCATED OUTSIDE THE PROPOSED PAVING SHALL BE SET TO PROPOSED FINISH GRADE ELEVATION.

GENERAL NOTES - STORM SEWER

EXISTING PAVEMENTS, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO HARRIS COUNTY STANDARDS.

CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN THE CONDITION PRIOR TO STARTING WORK.

ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.

BENCHMARK:
RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri Kansas-Texas Railroad from station at Farnhall, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.

CONSTRUCTION PLANS FOR HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
HARRIS COUNTY, TEXAS

CONSTRUCTION GENERAL NOTES

PRIVATE UTILITY LINES SHOWN

<i>Call Waterwall</i>	1/4/00	DATE
ENTEX, INC.		
<i>Mike Bolin</i>	1/4/00	DATE
SOUTHWESTERN BELL TELEPHONE CO.		
VALID FOR ONE YEAR ONLY		
<i>Call Waterwall</i>	1/4/00	DATE
HOUSTON LIGHTING & POWER CO.		
APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY		

HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: _____
for Assistant County Engineer

Date
Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

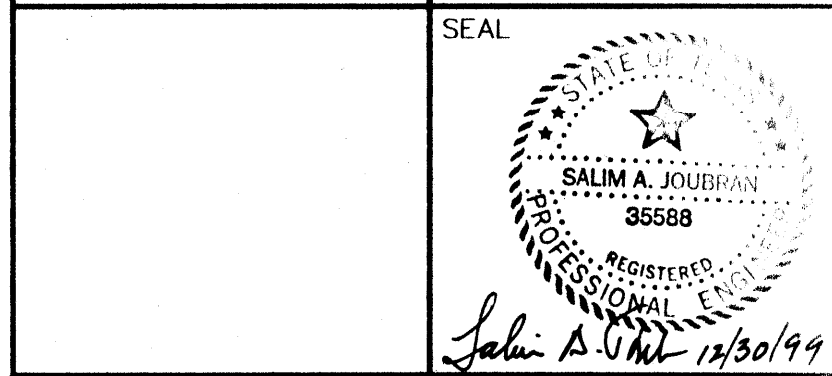
REVIEWED BY	CITY FUNDED PUBLIC WORKS
PRIVATELY FUNDED PUBLIC WORKS	PROJECT MANAGER
WATER	
WASTE WATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER
STREET & BRIDGE	

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER DATE
M. J. ... 1-11-2000
DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE

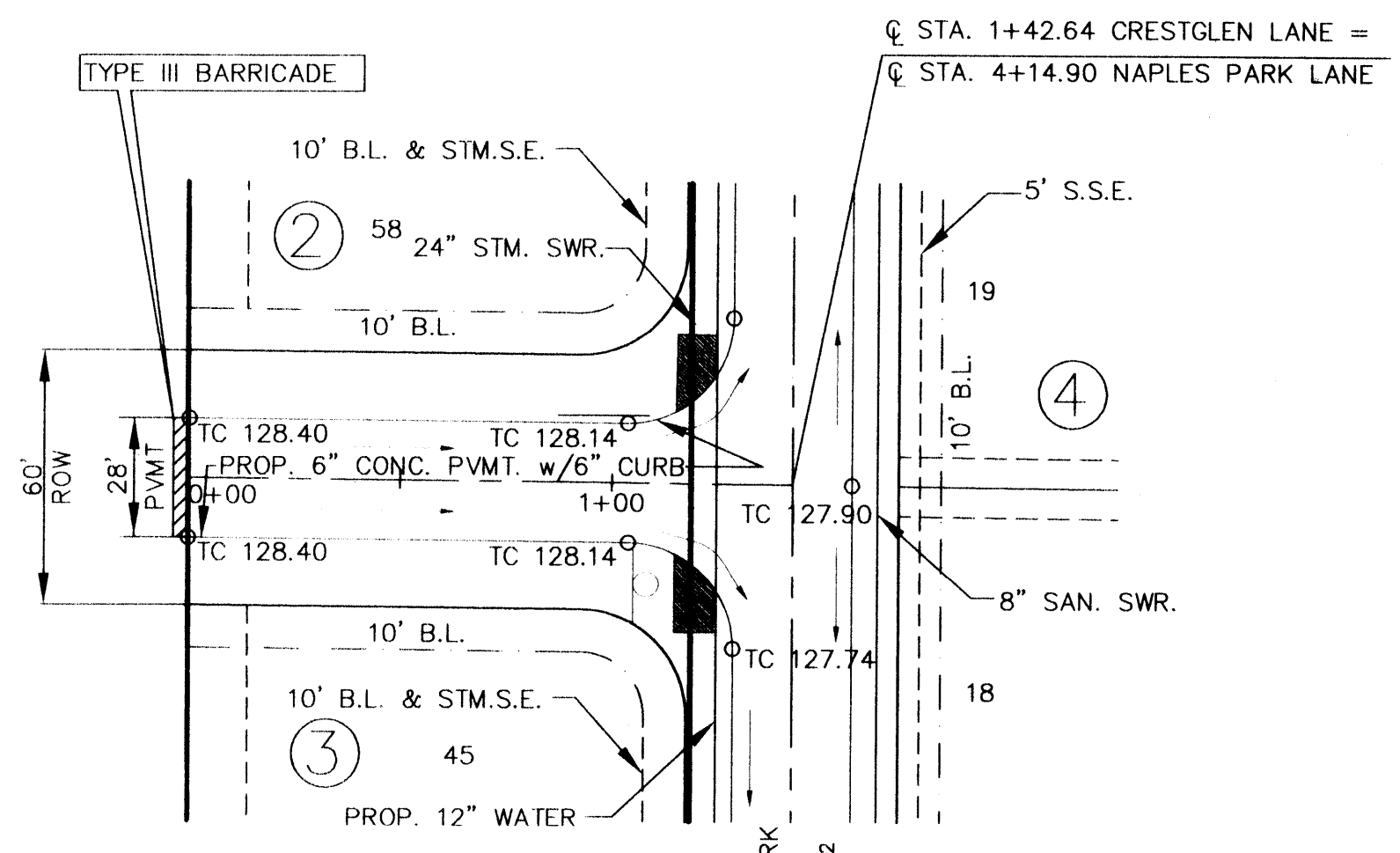
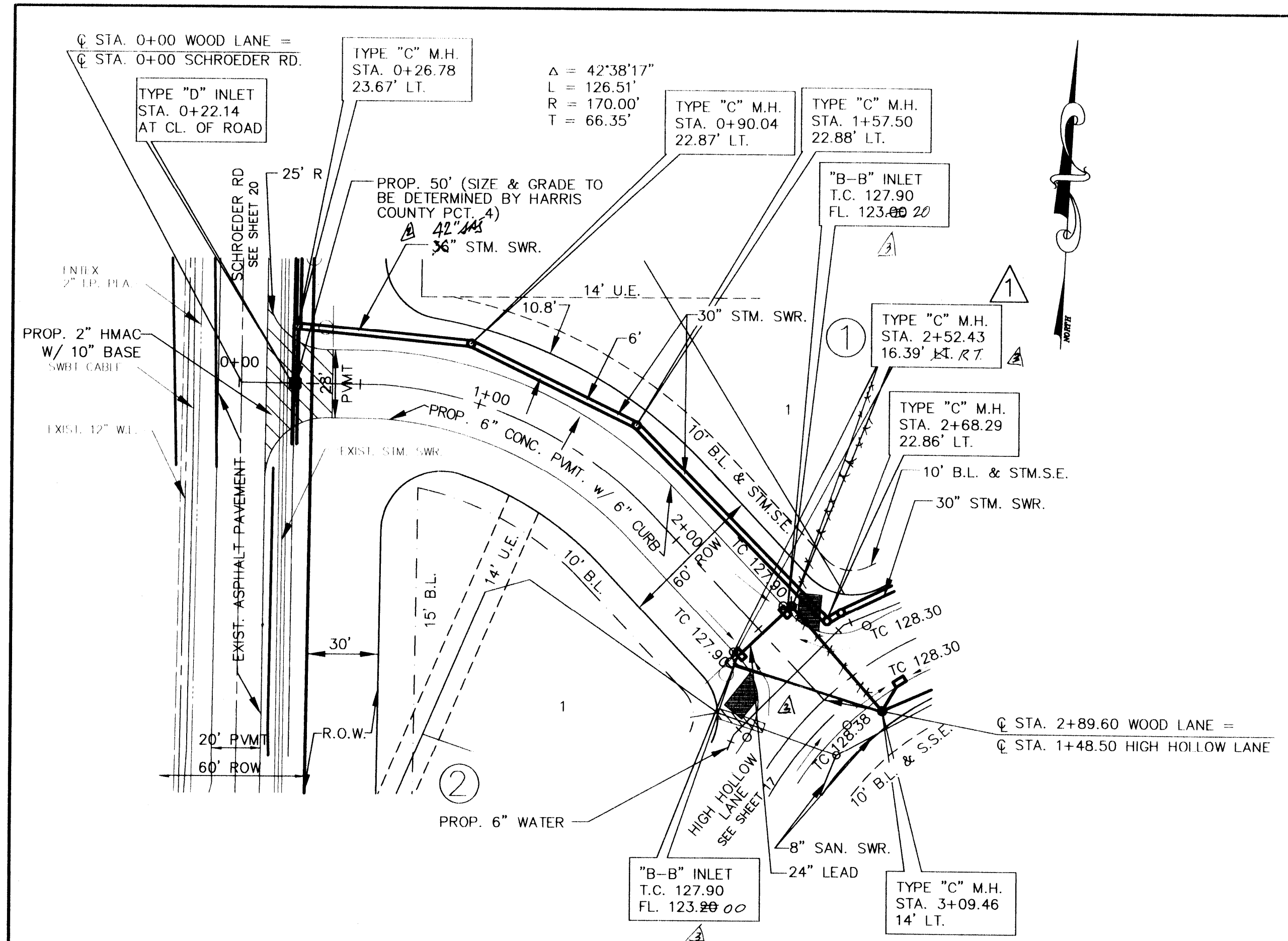
SUBMITTED: DESIGNED BY: S.A.J.
SCALE: HORIZ. 1" = 100' DRAWN BY: T.B.M.
DATE: DECEMBER, 1999 SHEET NO. 9 OF 28 SHEETS
SURVEY BY: JOHN THOMAS CITY DWG NO:
F B NO:



PEPE ENGINEERING
9950 CYPRESSWOOD, SUITE 300
HOUSTON, TEXAS 77070-3412
TELEPHONE: (281)897-0590
pepeinc@pepe-engineering.com

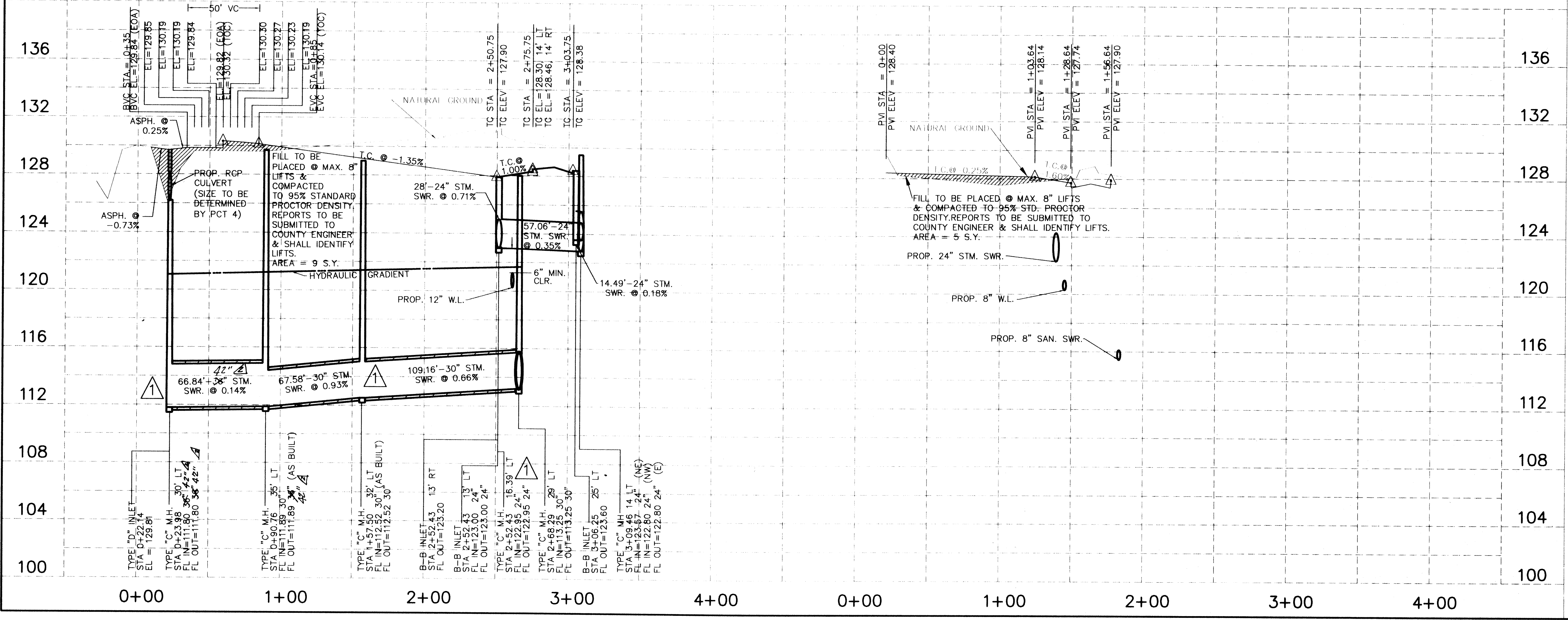
CADD DWG. FILE: 115_885... JOB NO.: 9815

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



WOOD LANE

CRESTGLEN LANE



APPROVED: *[Signature]*
 For Assistant County Engineer
 Date: 11/14/2000
 Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.
 This authorization is valid for one (1) year only.

BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tomball, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.
1	12-14-00	RELOCATE MH TO WEST SIDE	AT
2	5-15-00	CHANGE STORM SEWER SIZE	AT
3	5/18/00	REVISED STORM SEWER	AT

CONSTRUCTION PLANS FOR HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED PAVING, DRAINAGE AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

ENTEX, INC. DATE
 SOUTHWESTERN BELL TELEPHONE CO. DATE
 VALID FOR ONE YEAR ONLY
 HOUSTON LIGHTING & POWER CO. DATE
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 Assistant County Engineer
 Date: 11/14/2000

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.
 This authorization is valid for one (1) year only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER
STREET & BRIDGE	

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER DATE
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE

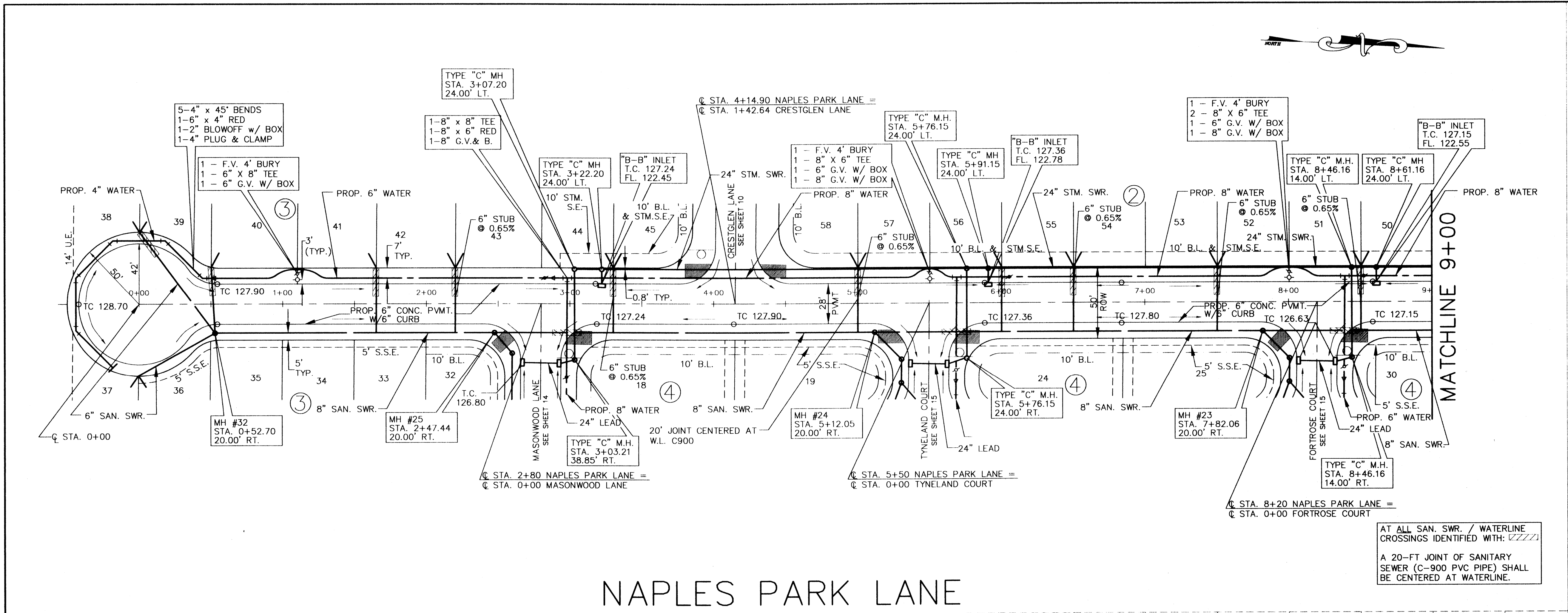
SUBMITTED:	DESIGNED BY: S.A.J
SCALE: HORIZ. 1" = 40'	DRAWN BY: T.B.M.
DATE: DECEMBER, 1999	SHEET NO. 10A OF 28 SHEETS
SURVEY BY: JOHN THOMAS	CITY DWG NO:
F.B. NO:	

SEAL
[Professional Seal: SALIM A. JOUBIN, REGISTERED PROFESSIONAL ENGINEER, NO. 36588]
 Salim A. Joubin
 5-11-2000

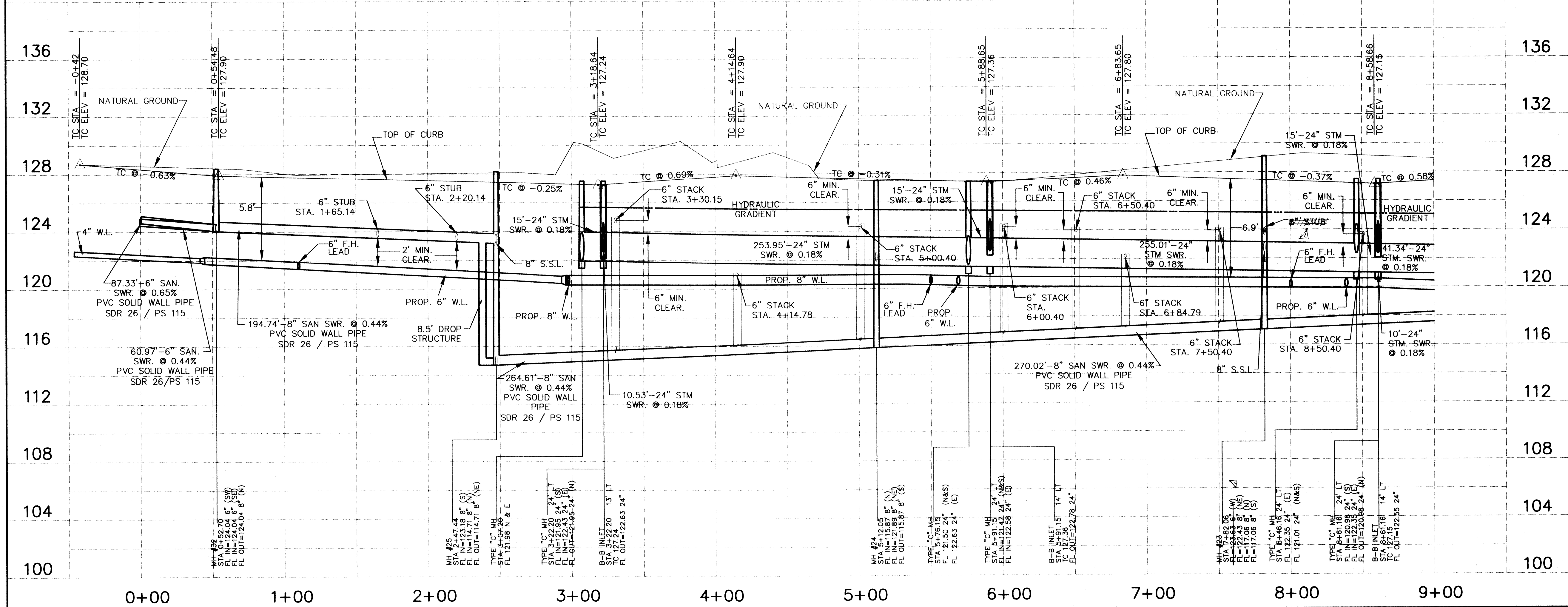
PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 300, HOUSTON, TEXAS 77070-9412
 TELEPHONE: (281) 897-1040
 pepeinc@pepe-engineering.com

CADD DWG. FILE: ITS_850 JOB NO.: 98115

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



NAPLES PARK LANE



BENCHMARK:
 RM192. Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri Kansas-Texas Railroad from station at Tomball, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.
A	2.16.00	6'SHEET DELETED	

CONSTRUCTION PLANS
 FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
 PAVING, DRAINAGE
 AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

Call Waterwall 1/4/00 DATE
 ENTEX, INC.
Nike Balin 1/4/00 DATE
 SOUTHWESTERN BELL TELEPHONE CO.
 VALID FOR ONE YEAR ONLY
Call Waterwall 1/4/00 DATE
 HOUSTON LIGHTING & POWER CO.
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 for Assistant County Engineer
 18 Jan 2000
 Date

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

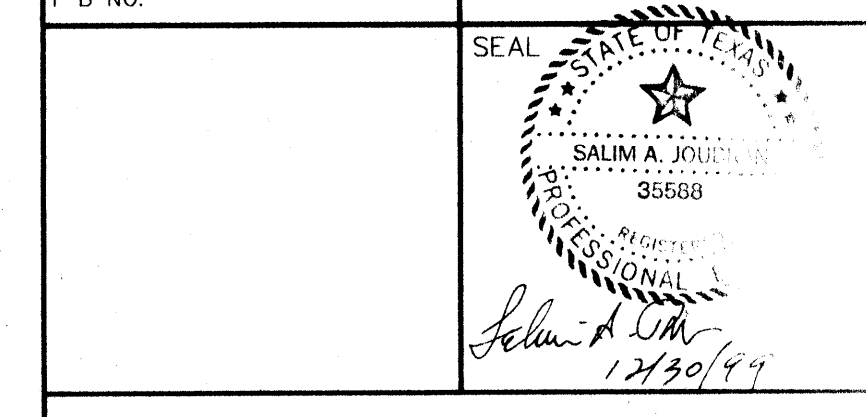
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY
 PRIVATELY FUNDED PUBLIC WORKS: *[Signature]* 1/16/00 DATE
 CITY FUNDED PUBLIC WORKS: PROJECT MANAGER
 WASTEWATER: *[Signature]* 1/16/00 DATE
 CONSTRUCTION: CHIEF ENGINEER
 STORM WATER: *[Signature]* 1/16/00 DATE

OTHER APPROVAL
 TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

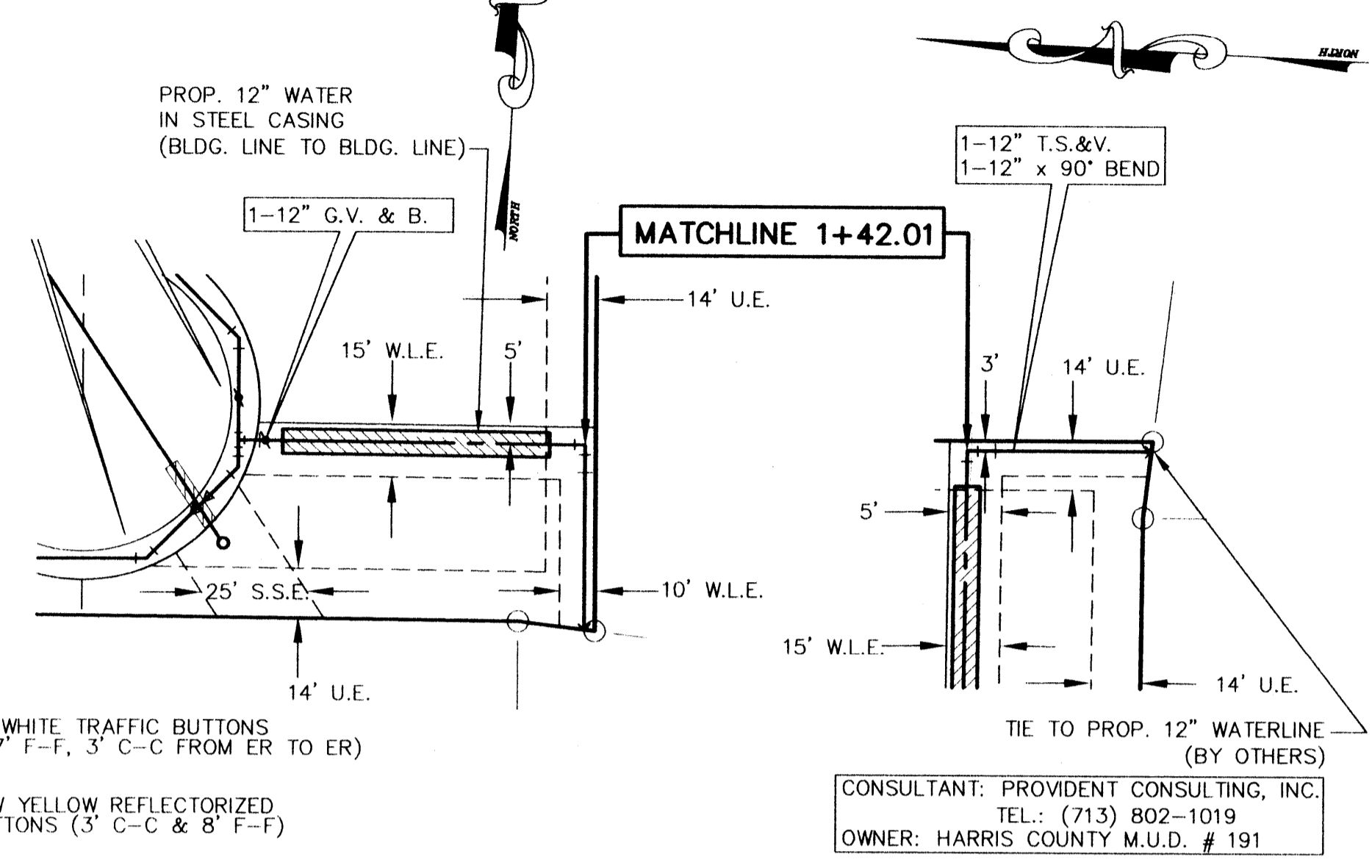
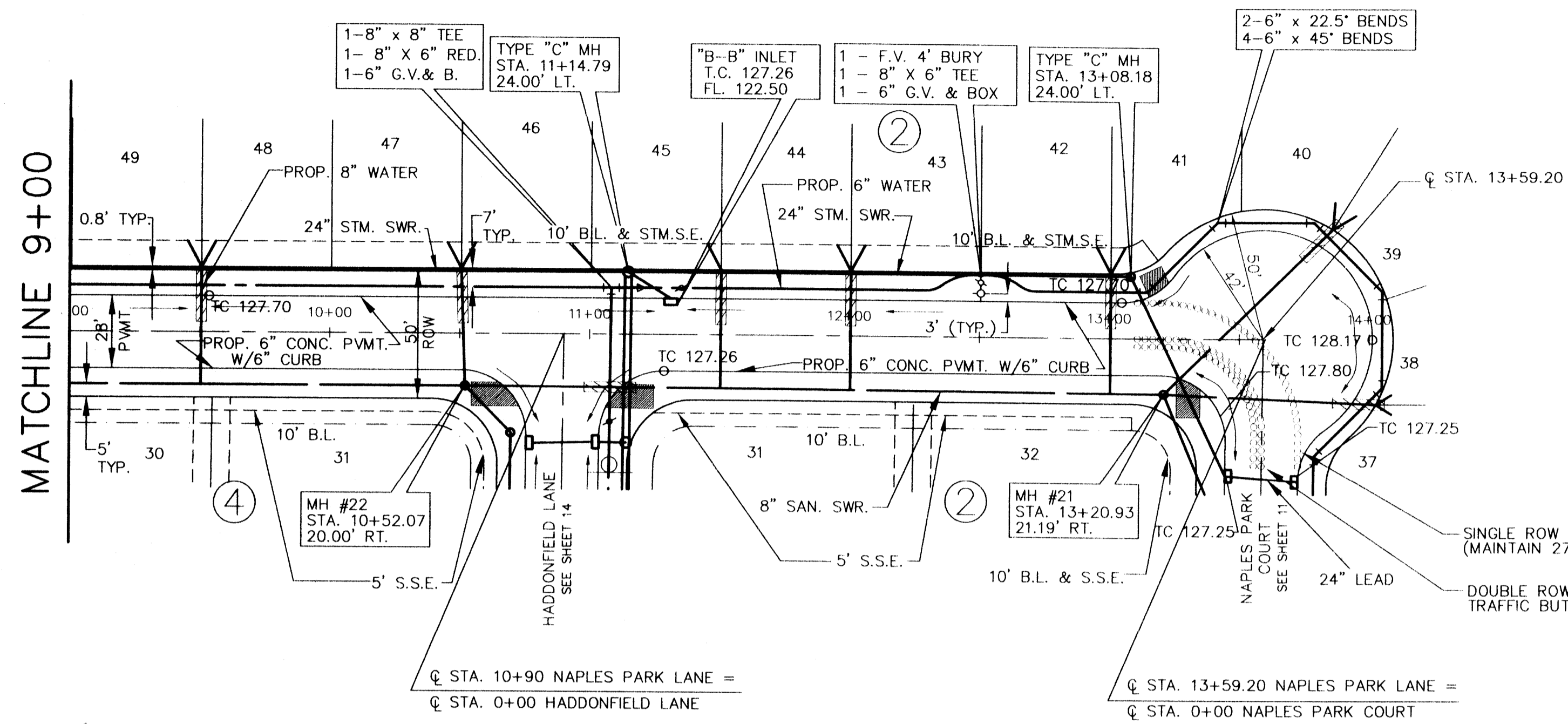
CITY ENGINEER: *[Signature]* 1-11-2000 DATE
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING: DATE

SUBMITTED: DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 40' DRAWN BY: T.B.M.
 VERT. 1" = 4'
 DATE: DECEMBER, 1999 SHEET NO. 12 OF 28 SHEETS
 SURVEY BY: JOHN THOMAS CITY DWG NO:
 F B NO:



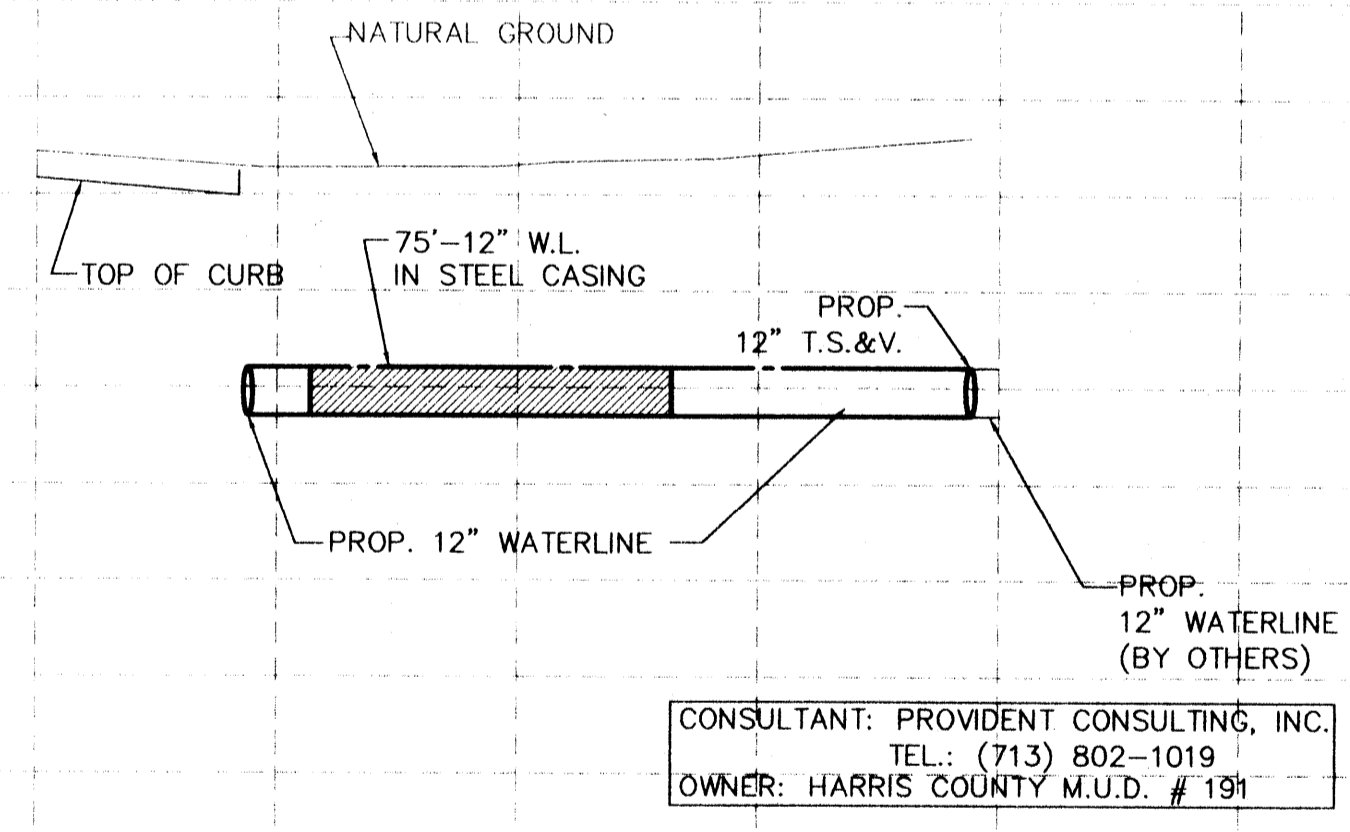
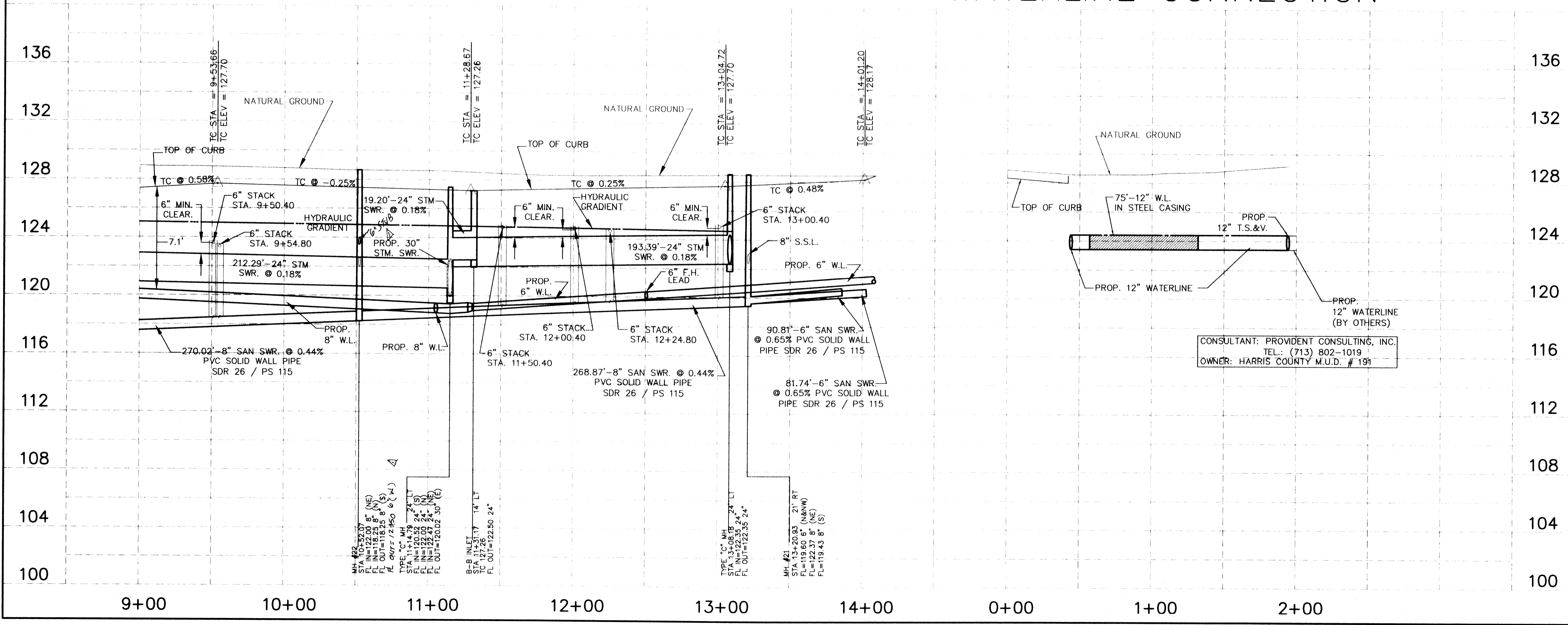
PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 300
 HOUSTON, TEXAS 77070-3419
 TELEPHONE: (281)897-0596
 pepe@pepe-engineering.com

CADD DWG. FILE: 115_852 JOB NO: 9815
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



NAPLES PARK LANE

WATERLINE CONNECTION



BENCHMARK:
 BM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast of Mission, Kansas - Texas Railroad from station at front, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS
1	11/14/00	ADD 6\"/>

CONSTRUCTION PLANS FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED PAVING, DRAINAGE AND UTILITIES

PRIVATE UTILITY LINES SHOWN

Cal Waterwall 1/4/00 DATE
 ENTEX, INC.

Mike Balin 1/4/00 DATE
 SOUTHWESTERN BELL TELEPHONE CO.
 VALID FOR ONE YEAR ONLY

Cal Waterwall 1/4/00 DATE
 HOUSTON LIGHTING & POWER CO.
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 for Assistant County Engineer
 9 JAN 2000
 Date

Approval implied for paving and drainage facilities within Harris County, R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY

PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER *[Signature]* DATE 1-11-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE

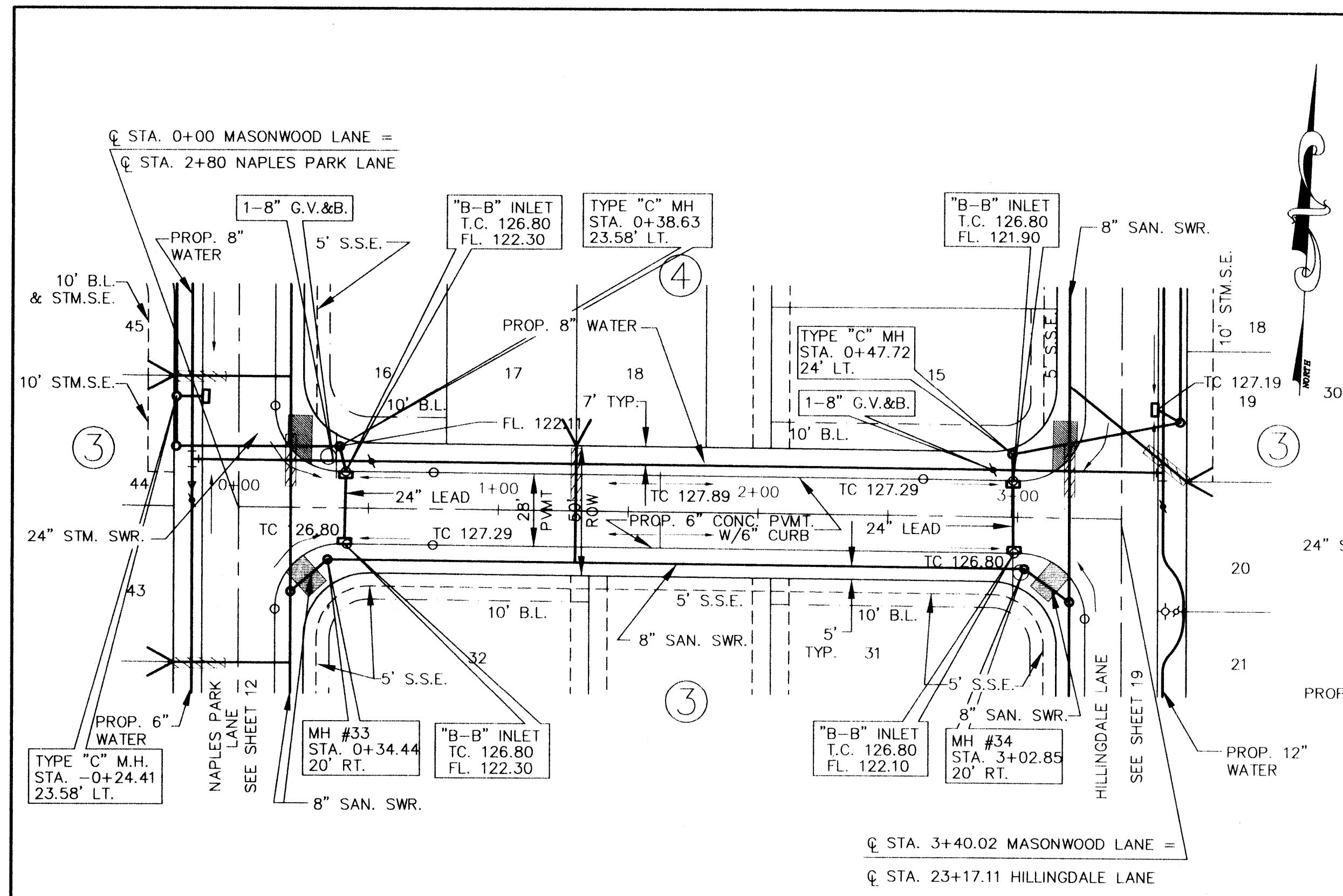
SUBMITTED: SCALE: HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: DECEMBER, 1999
 SURVEY BY: JOHN THOMAS
 F B NO:

DESIGNED BY: S.A.J.
 DRAWN BY: T.B.M.
 SHEET NO. 13 OF 28 SHEETS
 CITY DWG NO:

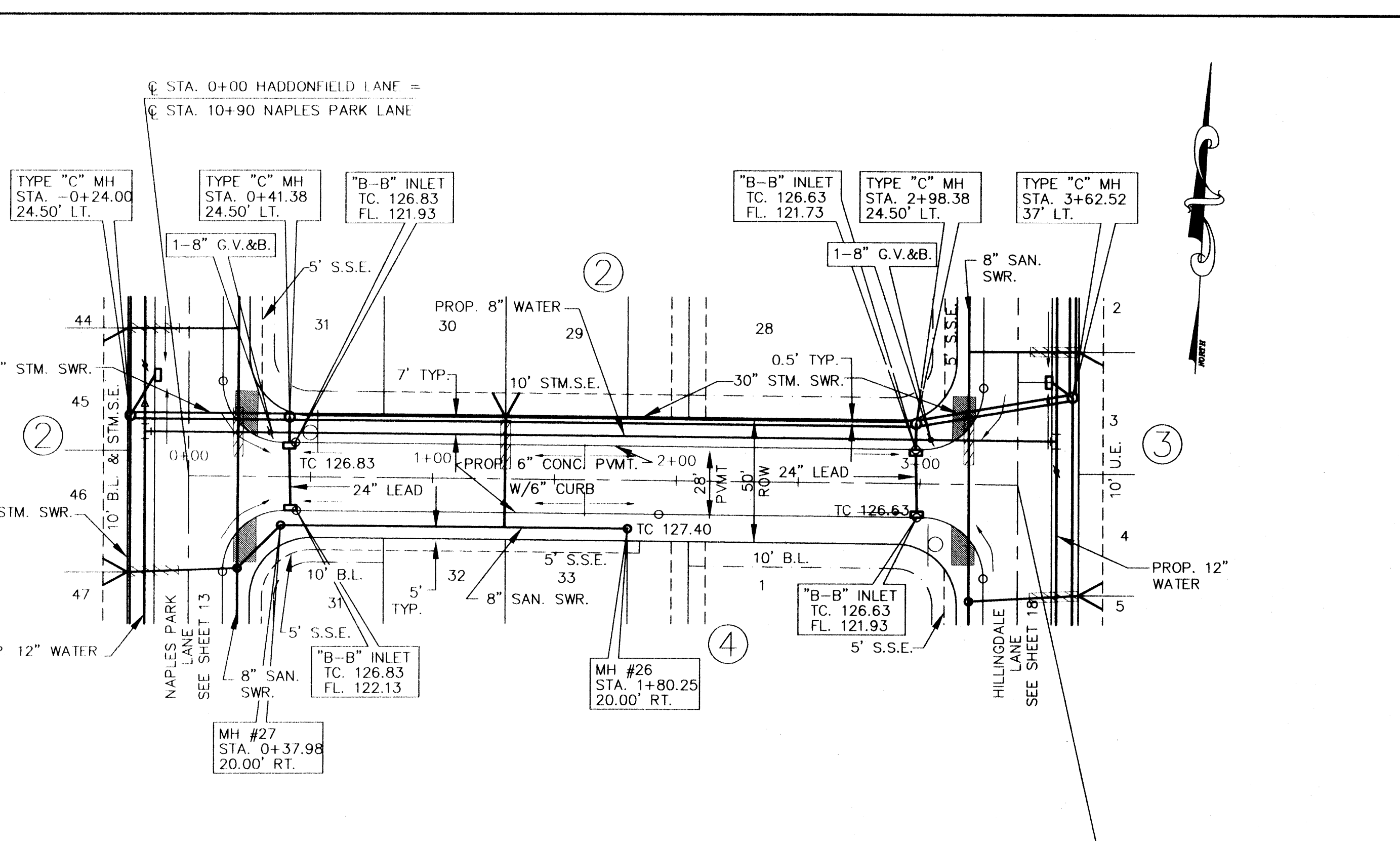
SEAL

PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 300
 HOUSTON, TEXAS 77070-4111
 TELEPHONE: (281) 897-0500
 pepenc@pepe-engineering.com

CADD DWG. FILE: 115_853 JOB NO.: 9815
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

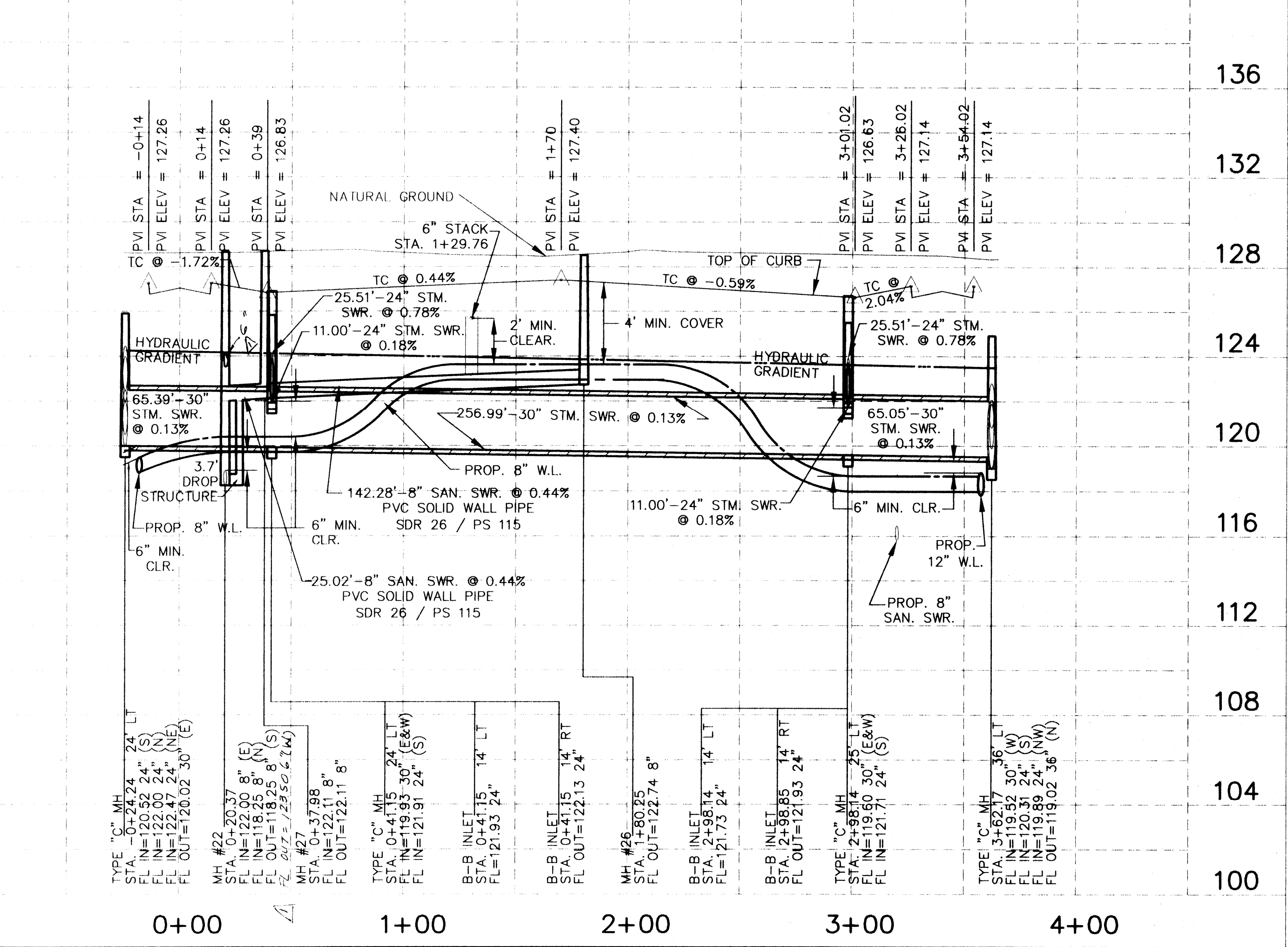
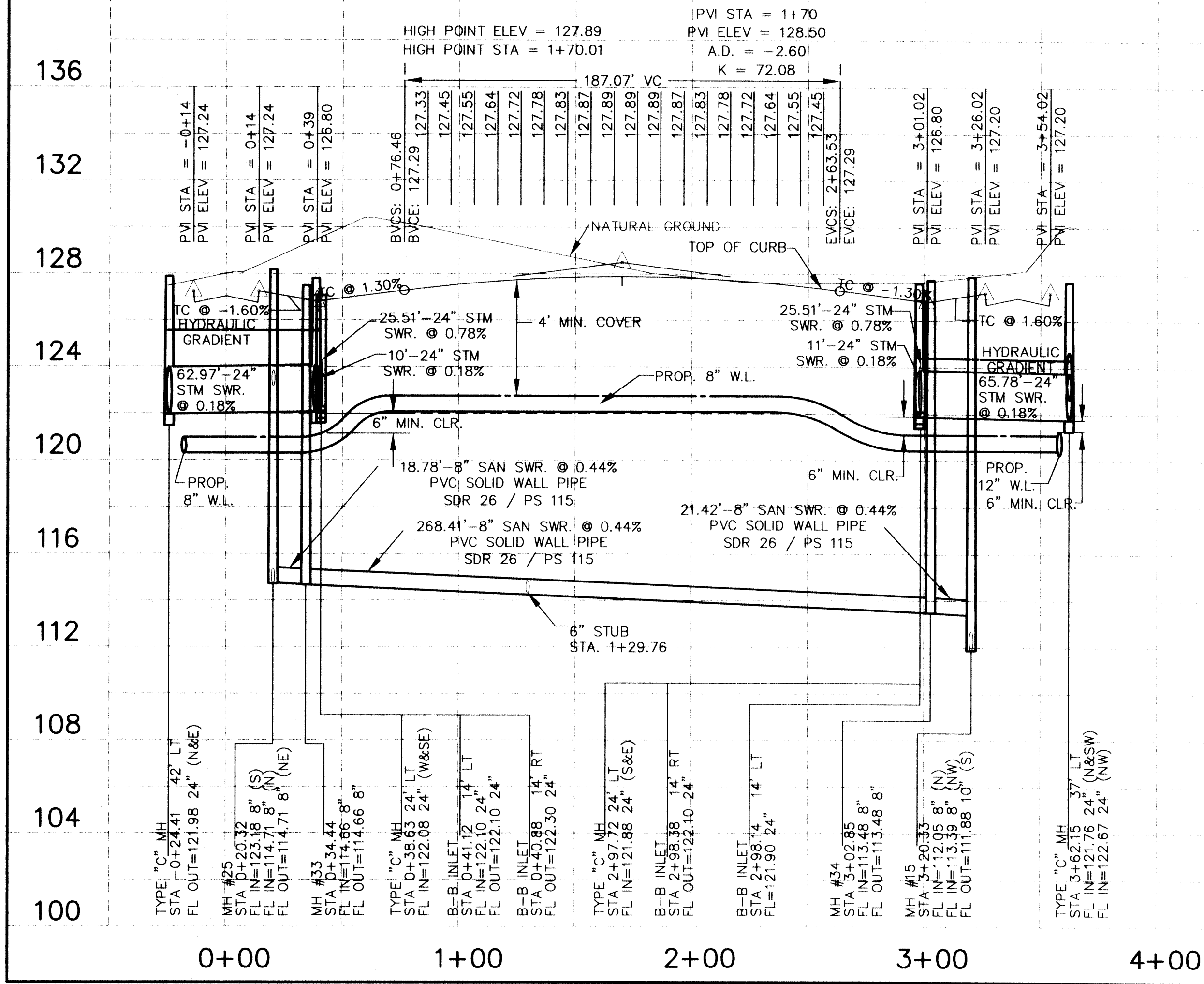


MASONWOOD LANE



HADDONFIELD LANE

AT ALL SAN. SWR. / WATERLINE CROSSINGS IDENTIFIED WITH: A 20-FT JOINT OF SANITARY SEWER (C-900 PVC PIPE) SHALL BE CENTERED AT WATERLINE.



BENCHMARK:
RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tomlin, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS
1	2-16-00	ADD 6" STUB IN PROFILE

CONSTRUCTION PLANS FOR
HARRIS COUNTY M.U.D. No. 100
PRESTONWOOD PARK SECTION 1
HARRIS COUNTY, TEXAS

PROPOSED
PAVING, DRAINAGE
AND UTILITIES
PRIVATE UTILITY LINES SHOWN

La Natural 1/4/00 DATE
ENTEX, INC.
Mike Bolin 1/4/00 DATE
SOUTHWESTERN BELL TELEPHONE CO.
VALID FOR ONE YEAR ONLY
La Natural 1/4/00 DATE
HOUSTON LIGHTING & POWER CO.
APPROVAL ONLY FOR CROSSING UNDERGROUND
DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
for Assistant County Engineer
18 JAN 2000
Date

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other Improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

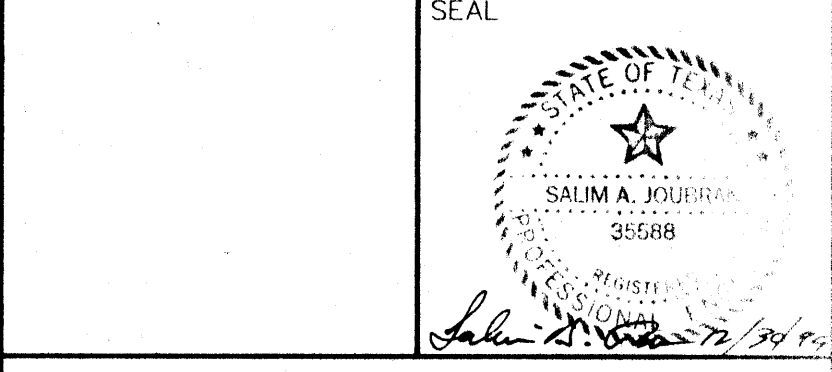
REVIEWED BY	CITY FUNDED PUBLIC WORKS
<i>[Signature]</i>	PROJECT MANAGER
<i>[Signature]</i>	CONSTRUCTION
<i>[Signature]</i>	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER *[Signature]* 1-11-2000 DATE
DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE

SUBMITTED: DESIGNED BY: S.A.J.
SCALE: HORIZ. 1" = 40' DRAWN BY: T.B.M.
VERT. 1" = 4'
DATE: DECEMBER, 1999 SHEET NO. 14 OF 28 SHEETS
SURVEY BY: JOHN THOMAS CITY DWG NO:
F B NO:



PEPE ENGINEERING
9950 CYPRESSWOOD, SUITE 100
HOUSTON, TEXAS 77070-3417
TELEPHONE: (281)897-0999
pepe@pepe-engineering.com

CADD DWG. FILE: I15_854_ JOB NO.: 9815
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS:

BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Lumberton, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16'

NO.	DATE	REVISIONS	APP.
1	1-22-20	ADD TYPE 'C' M.H.	
2	1-21-20	REVISE FLOW LINE	

CONSTRUCTION PLANS
 FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
 PAVING, DRAINAGE
 AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

LaWalsh	1/4/00	DATE
ENTEX, INC.		
Nike Bolin	1/4/00	DATE
SOU THWESTERN BELL TELEPHONE CO.		
VALID FOR ONE YEAR ONLY		
LaWalsh	1/4/00	DATE
HOUSTON LIGHTING & POWER CO.		
APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY		

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 for Assistant County Engineer
 13 Jan 2000
 Date

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	CITY FUNDED PUBLIC WORKS
PRIVATELY FUNDED PUBLIC WORKS	
WATER	
WASTEWATER	
STORM WATER	
STREET & BRIDGE	
PROJECT MANAGER	
CONSTRUCTION	
CHIEF ENGINEER	

OTHER APPROVAL

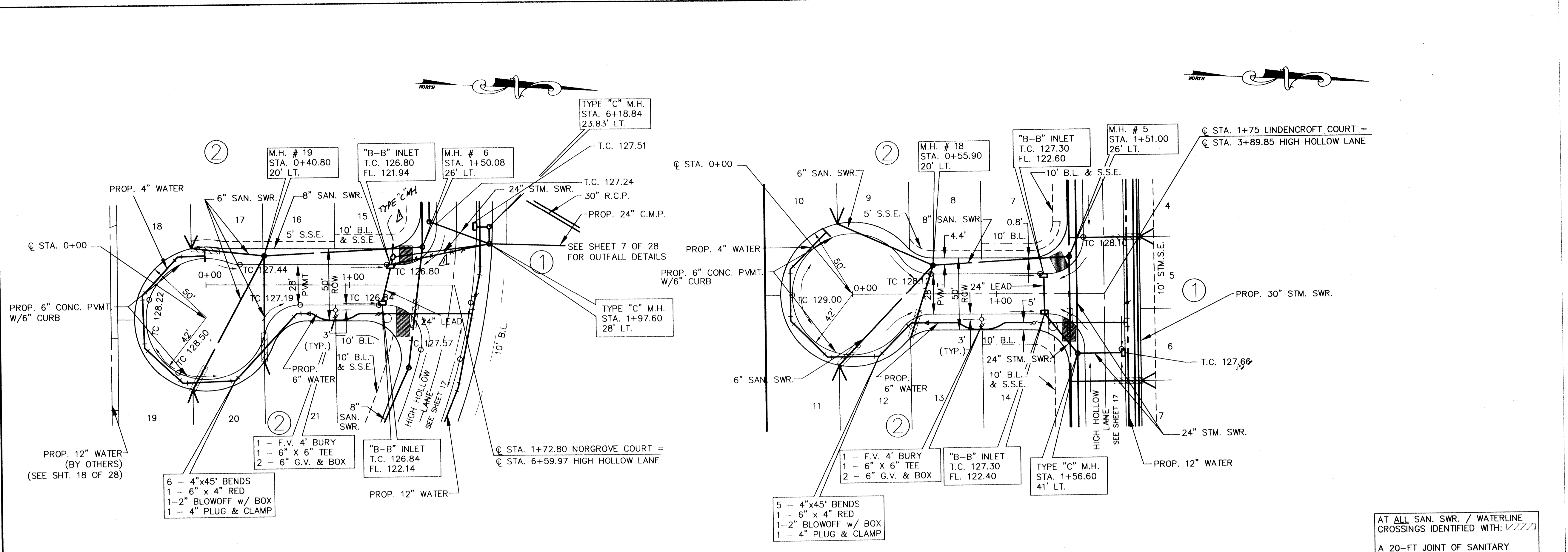
TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER	DATE
<i>[Signature]</i>	1-11-2000
DIRECTOR OF PUBLIC WORKS AND ENGINEERING	DATE
SUBMITTED:	DESIGNED BY: S.A.J.
SCALE: HORIZ. 1" = 40'	DRAWN BY: T.B.M.
VERT. 1" = 4'	
DATE: DECEMBER, 1999	SHEET NO. 16 OF 28 SHEETS
SURVEY BY: JOHN THOMAS	CITY DWG NO.:
F B NO.:	

SEAL
[Signature]
 SALIM A. J. PEPE
 35588
 10/20/99

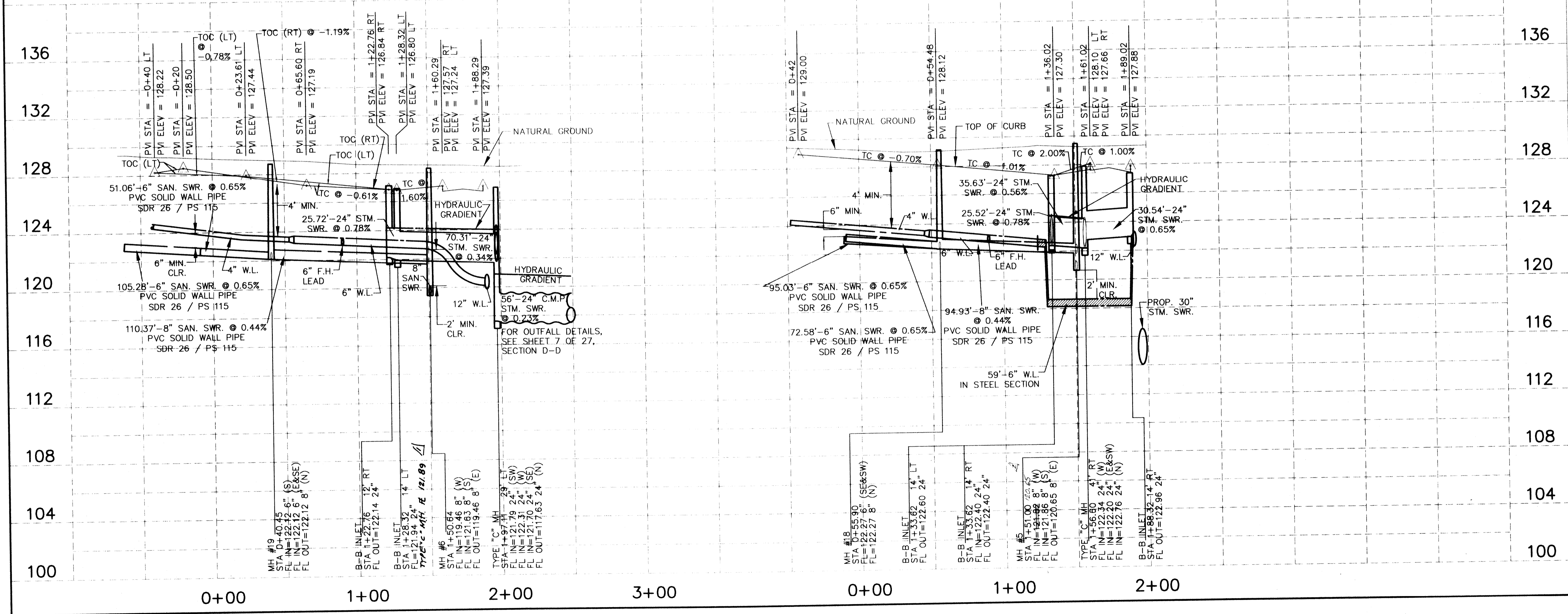
PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 500
 HOUSTON, TEXAS 77070-1412
 TELEPHONE: (281)897-0900
 pepe@pepe-engineering.com

CADD DWG. FILE: 115_856 JOB NO.: 9815
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

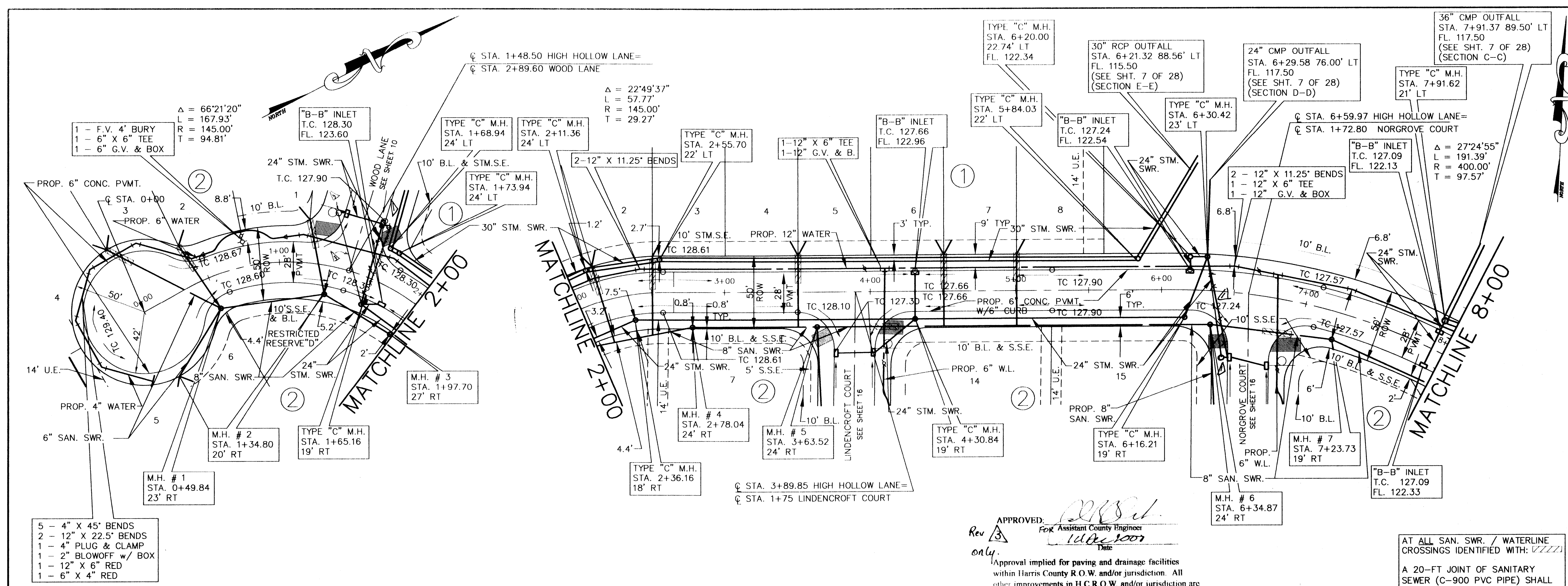


NORGROVE COURT

LINDENCROFT COURT



0+00 1+00 2+00 3+00 0+00 1+00 2+00



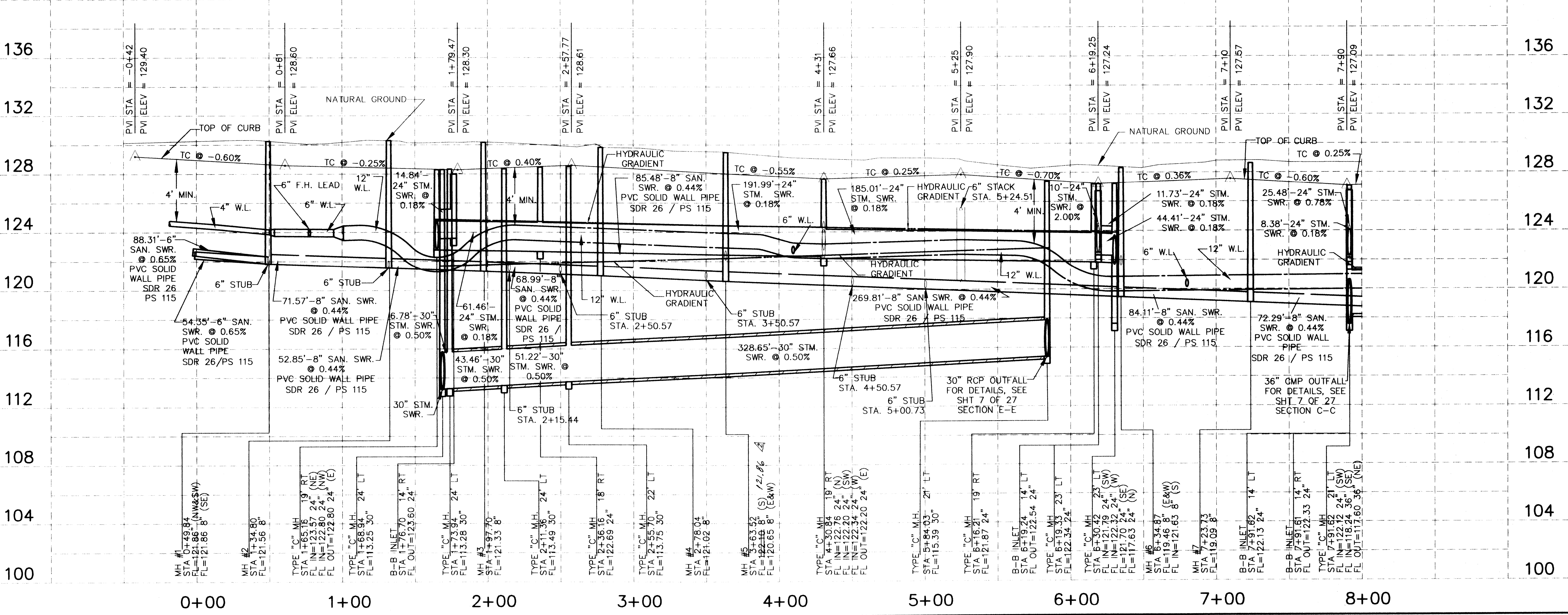
HIGH HOLLOW LANE

APPROVED: *[Signature]*
 Rev. 3 For Assistant County Engineer
 Date: 10/26/2000

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.
 This authorization is valid for one (1) year only.

AT ALL SAN. SWR. / WATERLINE CROSSINGS IDENTIFIED WITH: *[Symbol]*

A 20'-FT JOINT OF SANITARY SEWER (C-900 PVC PIPE) SHALL BE CENTERED AT WATERLINE.



BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast from Missouri-Kansas-Texas Railroad from station at Tarrant, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.
1	12/12/00	ADD TYPE "C" M.H.	STB
2	1-21-2000	REVISE FLOW LINE	STB
3	12-19-00	RELOCATE M.H. #5 OF WOODLANE	STB

CONSTRUCTION PLANS
 FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
 PAVING, DRAINAGE
 AND UTILITIES

PRIVATE UTILITY LINES SHOWN

<i>[Signature]</i> ENITEC, INC.	1/4/00	DATE
<i>[Signature]</i> SOUTHWESTERN BELL TELEPHONE CO.	1/4/00	DATE
<i>[Signature]</i> HOUSTON LIGHTING & POWER CO.	1/4/00	DATE

APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY.

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 For Assistant County Engineer
 Date: 10/26/2000

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	DATE
<i>[Signature]</i> PROJECT MANAGER	1/11/2000
<i>[Signature]</i> CONSTRUCTION	
<i>[Signature]</i> CHIEF ENGINEER	

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER *[Signature]* DATE: 1-11-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED: SCALE: HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: DECEMBER, 1999
 SURVEY BY: JOHN THOMAS
 F.B. NO.:

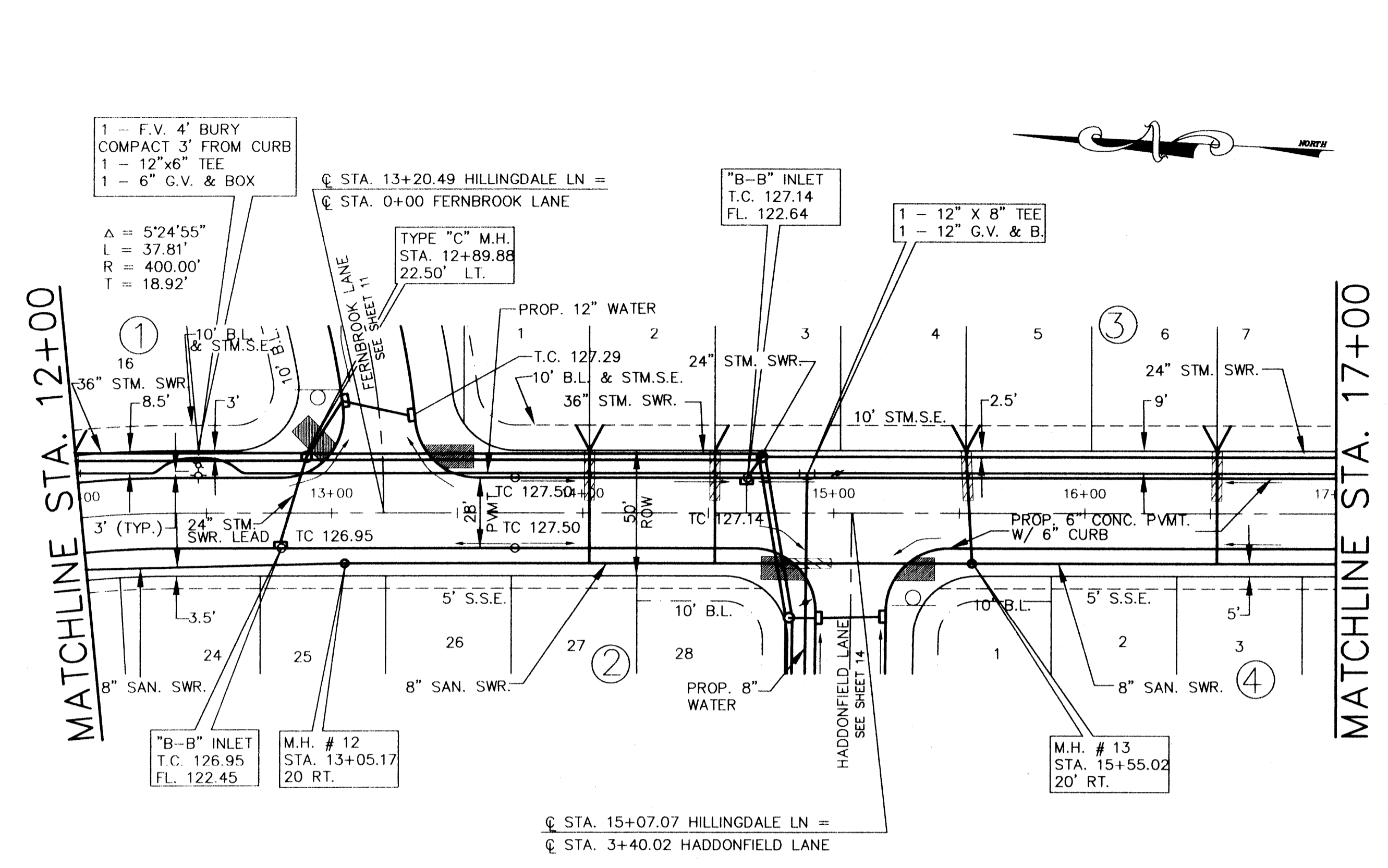
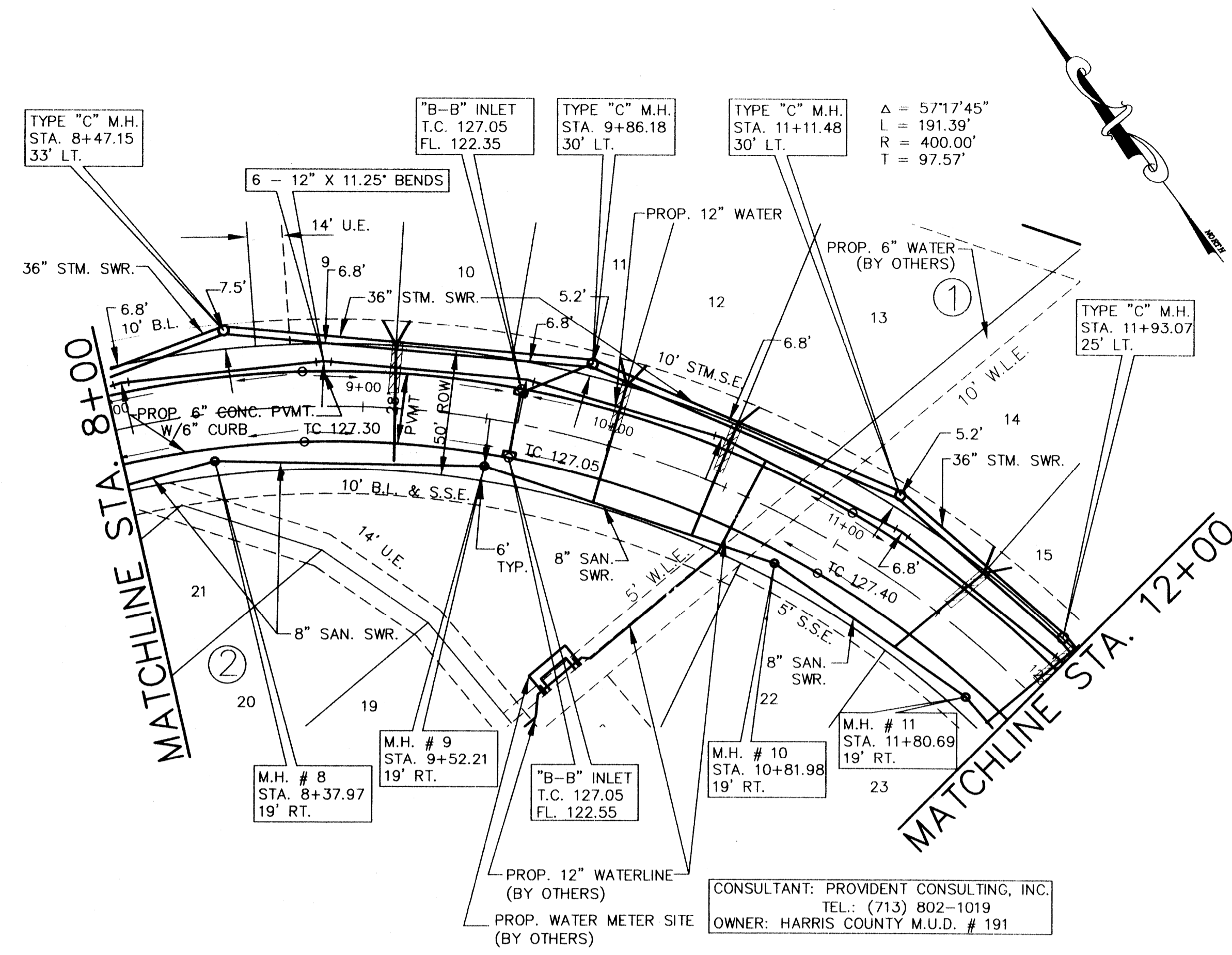
DESIGNED BY: S.A.J.
 DRAWN BY: T.B.M.
 SHEET NO. 17 OF 28 SHEETS
 CITY DWG NO.:

SEAL
[Signature]
 STATE OF TEXAS
 PEPE ENGINEERING

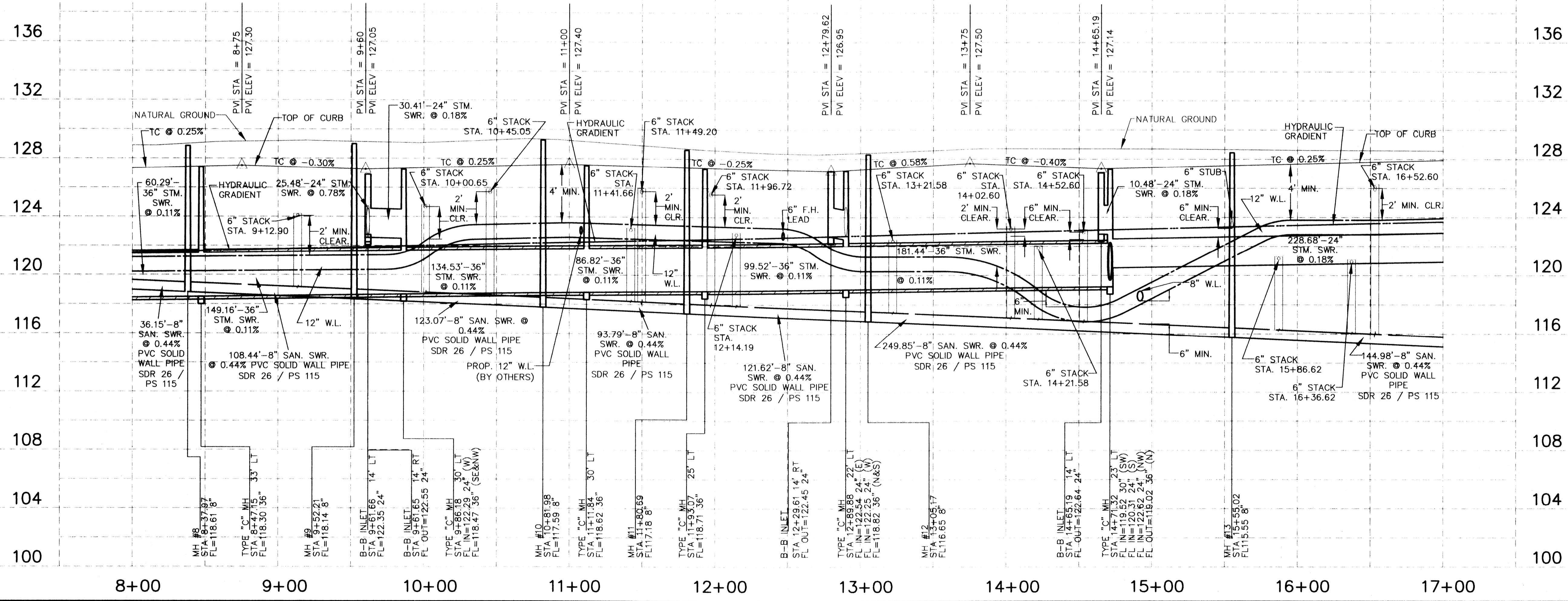
9950 CYPRESSWOOD, SUITE 300
 HOUSTON, TEXAS 77070-3417
 TELEPHONE: (281)897-0590
 pepe@pepe-engineering.com

CADD DWG. FILE: 115_857_ JOB NO.: 9815

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



HIGH HOLLOW LANE / HILLINGDALE LANE



BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at landing approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS

CONSTRUCTION PLANS
 FOR
HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
PAVING, DRAINAGE AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

Cal Water 1/4/00 DATE
 ENTEX, INC.
Mike Bolin 1/4/00 DATE
 SOUTHWESTERN BELL TELEPHONE CO.
 VALID FOR ONE YEAR ONLY
Cal Water 1/4/00 DATE
 HOUSTON LIGHTING & POWER CO.
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 for Assistant County Engineer
 Date: 20 Jan 2000

Approval implied for paving and drainage facilities within Harris County, R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

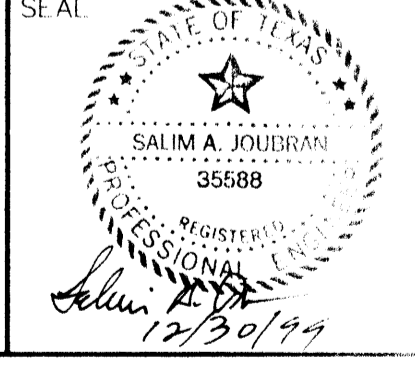
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY:
 PRIVATELY FUNDED PUBLIC WORKS: *[Signature]*
 CITY FUNDED PUBLIC WORKS: *[Signature]*
 PROJECT MANAGER
 CONSTRUCTION
 CHIEF ENGINEER

OTHER APPROVAL
 TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER: *[Signature]* 1-11-2000 DATE
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING: *[Signature]* DATE

SUBMITTED: DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 40' DRAWN BY: T.B.M.
 VERT. 1" = 4' SHEET NO. 18 OF 28 SHEETS
 DATE: DECEMBER, 1999 SURVEY BY: JOHN THOMAS CITY DWG NO:
 F.B. NO.:



PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 300
 HOUSTON, TEXAS 77070-3411
 TELEPHONE: (281) 897-0700
 pepeinc@pepe-engineering.com

CADD DWG. FILE: 115_858 JOB NO.: 9815
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

BENCHMARK:

RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Fort Worth, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx level with rail. 1973 adjustment. Elev. 130.16.

NO.	DATE	REVISIONS	APP'D.

CONSTRUCTION PLANS
FOR
HARRIS COUNTY M.U.D. No. 19
PRESTONWOOD PARK SECTION 1
HARRIS COUNTY, TEXAS
5' S.S.E.

PROPOSED
PAVING, DRAINAGE
AND UTILITIES
PRIVATE UTILITY LINES SHOWN

Cal Waterwell 1/14/00 DATE
ENTEX, INC.
Mike Bolin 1/14/00 DATE
SOUTHWESTERN BELL TELEPHONE CO.
VALID FOR ONE YEAR ONLY
Cal Waterwell 1/14/00 DATE
HOUSTON LIGHTING & POWER CO.
APPROVAL ONLY FOR CROSSING UNDERGROUND
DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *J. B. ...*
for Assistant County Engineer
Date: 12 Jan 2000

Approval implied for paving and drainage facilities within Harris County, R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY:
PRIVATELY FUNDED PUBLIC WORKS: *John Thomas* 1-11-2000 DATE
CITY FUNDED PUBLIC WORKS: PROJECT MANAGER
WATER: *John Thomas* 1/16/00 DATE
WASTEWATER: *John Thomas* 1/16/00 DATE
STORM WATER: *John Thomas* 1/16/00 DATE
STREET & BRIDGE: CHIEF ENGINEER

OTHER APPROVAL
TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER: *John Thomas* 1-11-2000 DATE
DIRECTOR OF PUBLIC WORKS AND ENGINEERING: *John Thomas* 1-11-2000 DATE

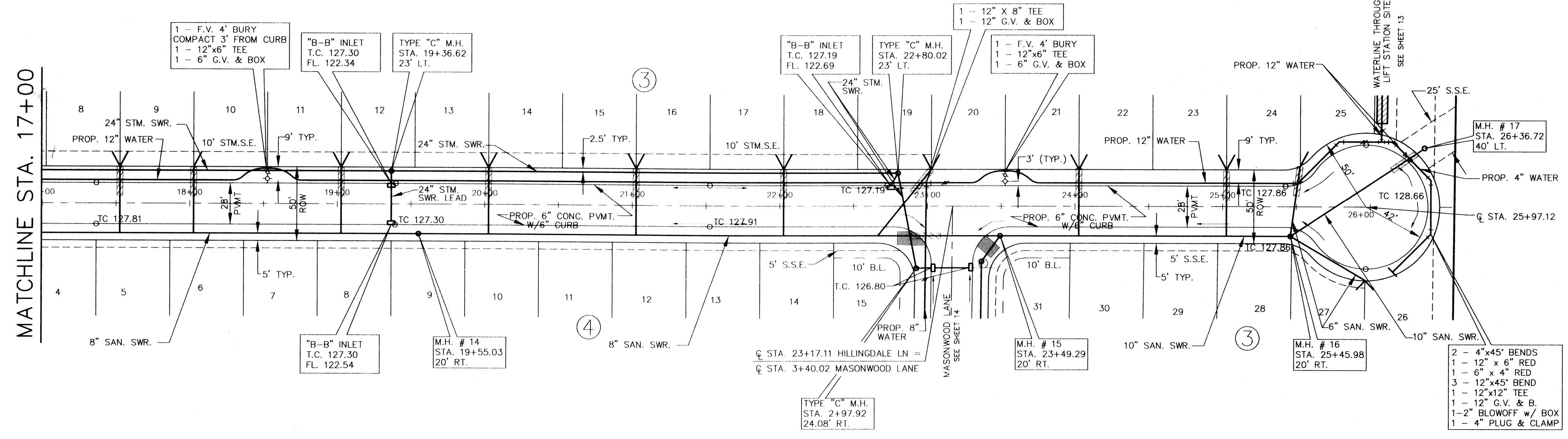
SUBMITTED: DESIGNED BY: S.A.J.
SCALE: HORIZ. 1" = 40' DRAWN BY: T.B.M.
VERT. 1" = 4'
DATE: DECEMBER, 1999 SHEET NO. 19 OF 28 SHEETS
SURVEY BY: JOHN THOMAS CITY DWG. NO.:

F.B. NO.: SEAL
John Thomas 1/16/00

PEPE ENGINEERING
9950 CYPRESSWOOD, SUITE 400
HOUSTON, TEXAS 77070-5412
TELEPHONE: (281)897-0590
pepe@pepe-engineering.com

CADD DWG. FILE: 115_859 JOB NO.: 9815
ORIGINAL SCALE IN INCHES FOR REDUCED PLAN:

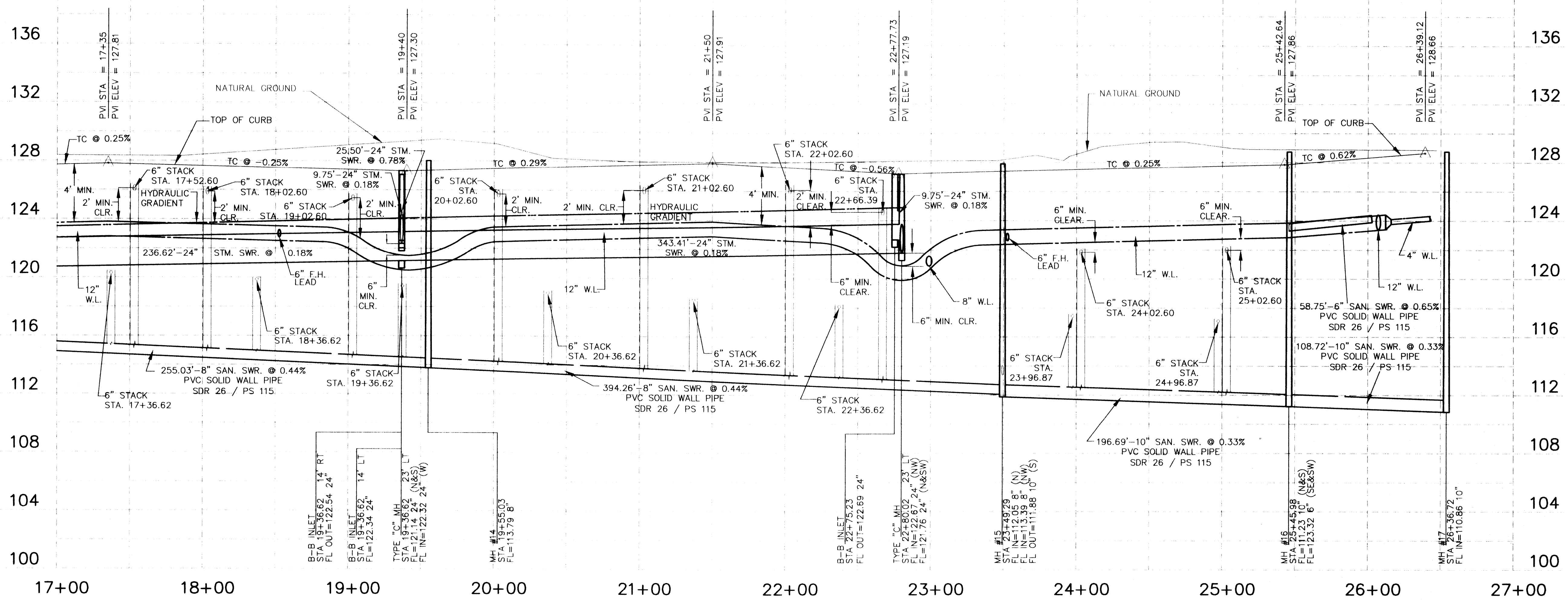
MATCHLINE STA. 17+00



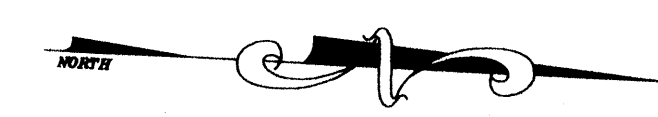
HILLINGDALE LANE

AT ALL SAN. SWR. / WATERLINE CROSSINGS IDENTIFIED WITH:

A 20-FT JOINT OF SANITARY SEWER (C-900 PVC PIPE) SHALL BE CENTERED AT WATERLINE.



17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00



BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tarrant approx. 41 feet Northeast of Northeast rd. approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS

CONSTRUCTION PLANS
 FOR
 HARRIS COUNTY M.U.D. No. 10
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
 PAVING, DRAINAGE
 AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

Cal National 1/19/00
 ENTEX, INC. (DATE)
Mike Balim 1/4/00
 SOUTHWESTERN BELL TELEPHONE CO. (DATE)
 VALID FOR ONE YEAR ONLY
Cal National 1/19/00
 HOUSTON LIGHTING & POWER CO. (DATE)
 APPROVAL ONLY FOR CROSSING UNDERGROUND
 DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 Assistant County Engineer
 Date

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	
PRIVATELY FUNDED PUBLIC WORKS WATER <i>[Signature]</i>	CITY FUNDED PUBLIC WORKS PROJECT MANAGER
WASTEWATER <i>[Signature]</i>	CONSTRUCTION
STORM WATER <i>[Signature]</i>	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION	SPONSOR DEPARTMENT
----------------------------	--------------------

CITY ENGINEER
[Signature] 1-11-2000
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING (DATE)

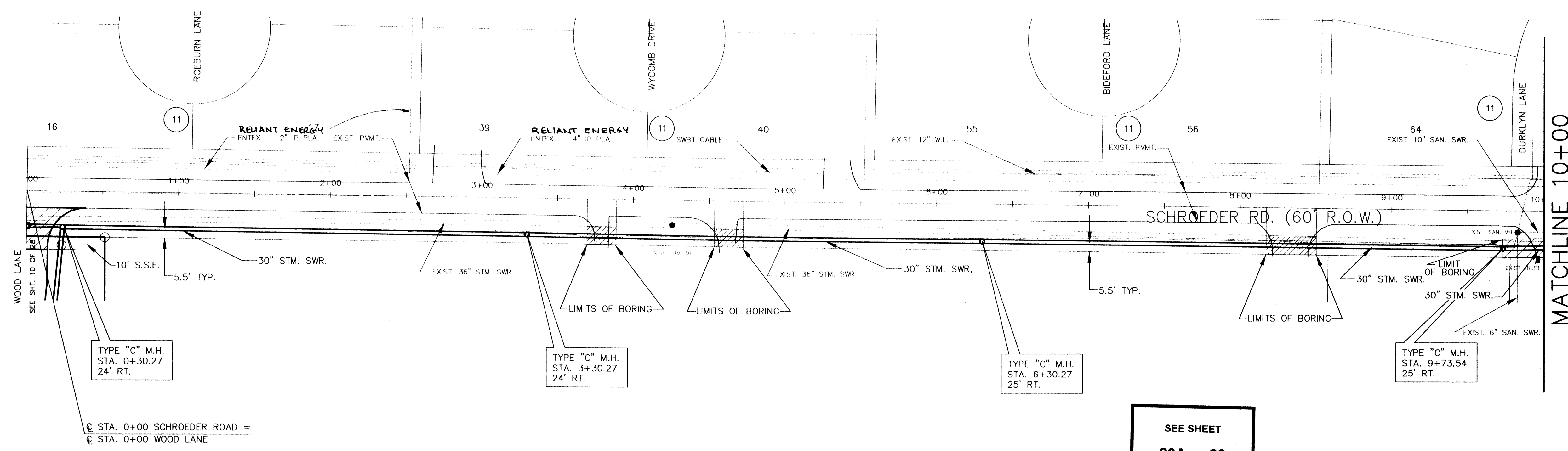
SUBMITTED:	DESIGNED BY: S.A.J.
SCALE: HORIZ 1" = 40' VERT 1" = 4'	DRAWN BY: T.B.M.
DATE: DECEMBER, 1999	SHEET NO. 20 OF 28 SHEETS
SURVEY BY: JOHN THOMAS	CITY DWG NO.:
F.B. NO.:	

SEAL

PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 500
 HOUSTON, TEXAS 77076-3411
 TELEPHONE: (281)897-0900
 pepeinc@pepe-engineering.com

CADD DWG. FILE: 115_861 JOB NO.: 9817

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN

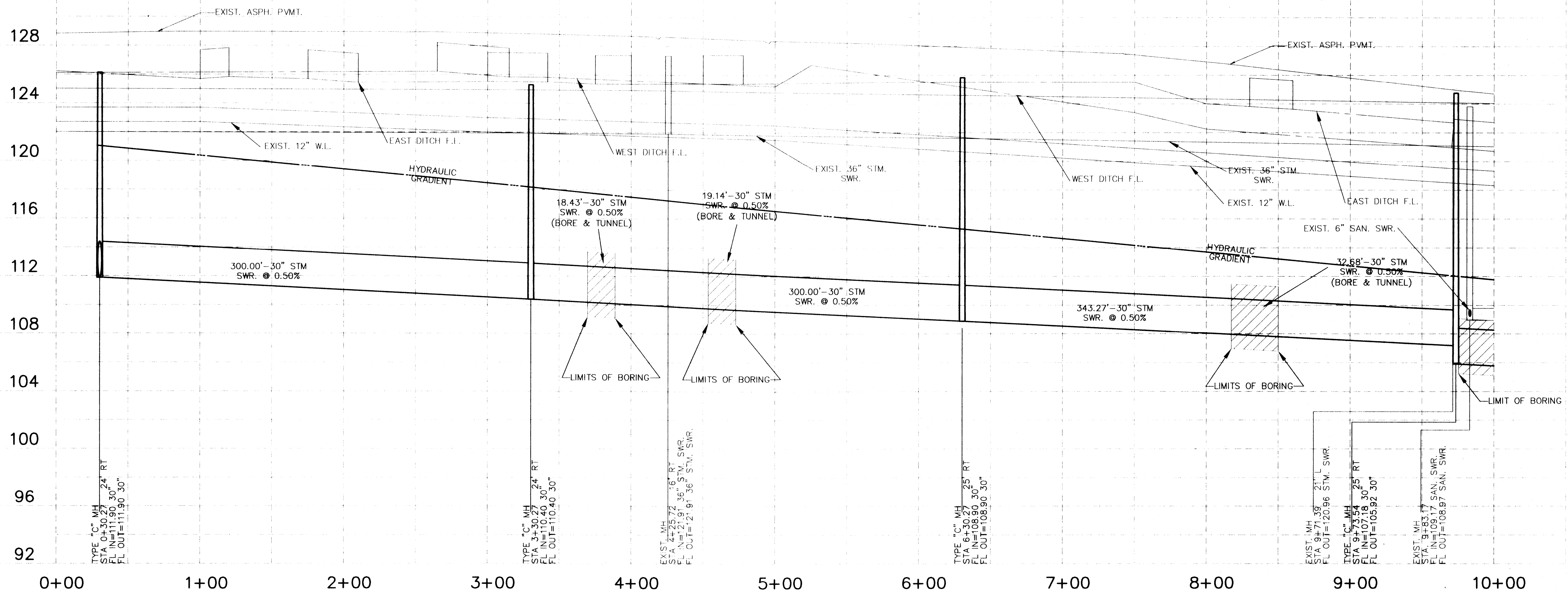


☉ STA. 0+00 SCHROEDER ROAD =
 ☉ STA. 0+00 WOOD LANE

SEE SHEET
20A OF 28
 FOR
 REVISED
 STORM SEWERS

NOTES:
 1- CONTRACTOR SHALL RESTORE ALL DRIVEWAYS TO ORIGINAL OR BETTER CONDITION.
 2- CONTRACTOR SHALL RESET EXISTING CULVERTS AND RE-GRADE EAST DITCH TO EXISTING CONDITIONS.

SCHROEDER ROAD



TYPE "C" M.H.
 STA. 0+30.27
 24' RT.
 FL IN=111.90
 30"
 FL OUT=111.90
 30"

TYPE "C" M.H.
 STA. 3+30.27
 24' RT.
 FL IN=110.40
 30"
 FL OUT=110.40
 30"

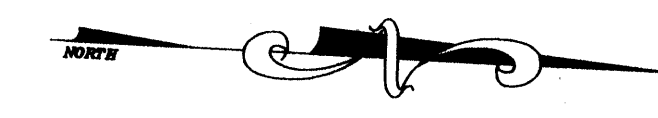
EXIST. M.H.
 STA. 4+21.97
 36"
 FL IN=107.36
 36"
 FL OUT=107.36
 36"

TYPE "C" M.H.
 STA. 6+30.27
 25' RT.
 FL IN=108.90
 30"
 FL OUT=108.90
 30"

EXIST. M.H.
 STA. 9+71.39
 21" L.
 FL OUT=120.96
 30"
 SWR.

TYPE "C" M.H.
 STA. 9+73.54
 25' RT.
 FL IN=105.92
 30"
 FL OUT=105.92
 30"

EXIST. M.H.
 STA. 9+83.77
 FL IN=109.67
 SAN. SWR.
 FL OUT=108.97
 SAN. SWR.



BENCHMARK:
 RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southeast on Missouri-Kansas-Texas Railroad from station at Tomball, approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail, 1973 adjustment. Elev. 130.16

NO.	DATE	REVISIONS	APP.
1	5/18/00	CHANGED STORM SEWER TO 42"	EAJ
2	5/8/00	REVISED STORM SEWER	EAJ

CONSTRUCTION PLANS
 FOR
 HARRIS COUNTY M.U.D. No. 191
PRESTONWOOD PARK SECTION 1
 HARRIS COUNTY, TEXAS

PROPOSED
 PAVING, DRAINAGE
 AND UTILITIES
 PRIVATE UTILITY LINES SHOWN

ENTEX, INC. DATE
 SOUTHWESTERN BELL TELEPHONE CO. DATE
 VALID FOR ONE YEAR ONLY
 HOUSTON LIGHTING & POWER CO. DATE
 APPROVAL ONLY FOR CROSSING UNDERGROUND DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW ONLY

HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: *[Signature]*
 for Assistant County Engineer
 11 May 2000

Approval implied for paving and drainage facilities within Harris County R.O.W. and/or jurisdiction. All other improvements in H.C.R.O.W. and/or jurisdiction are approved as to location only.

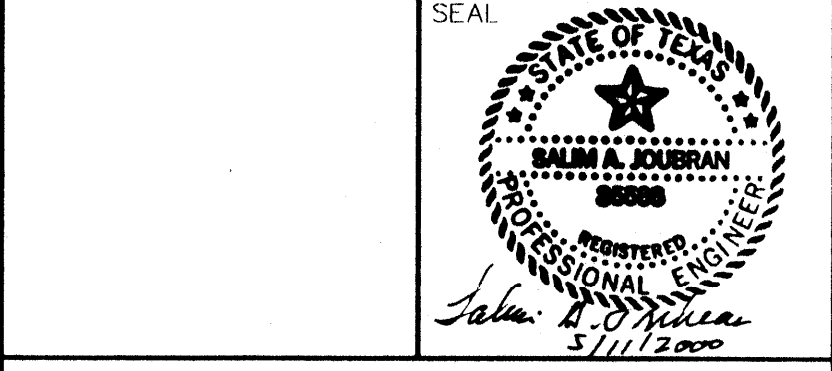
The above authorization is valid for one (1) year only.
CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER
STREET & BRIDGE	

OTHER APPROVAL
 TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

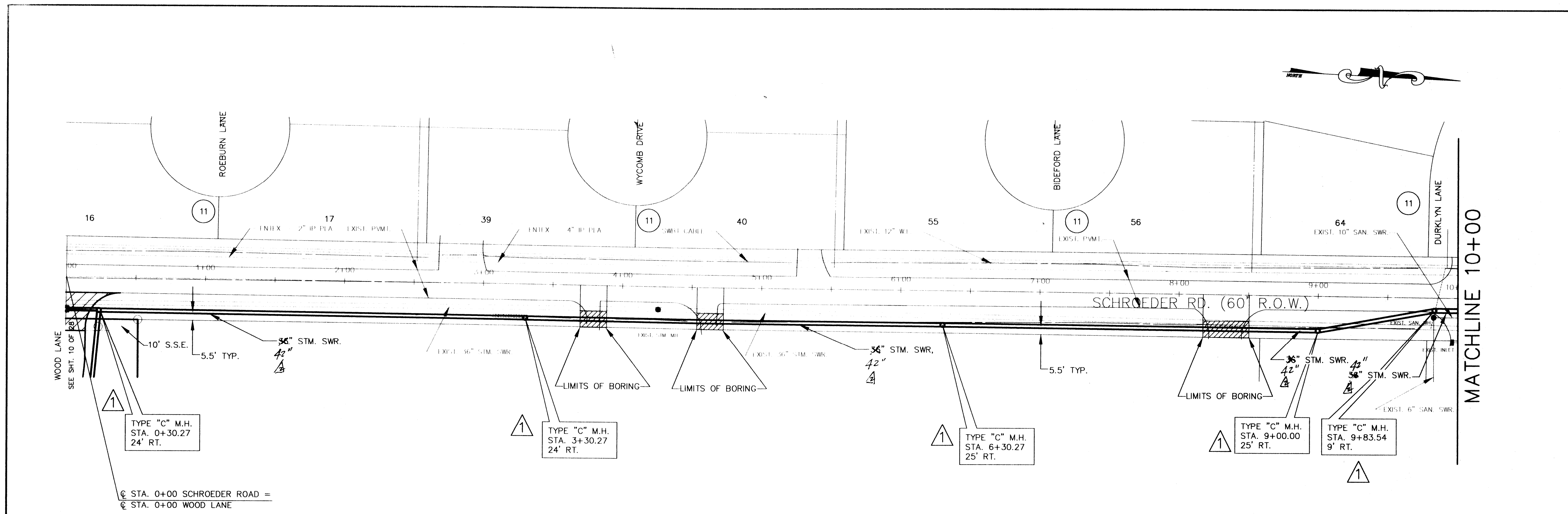
CITY ENGINEER DATE
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING DATE

SUBMITTED: DESIGNED BY: S.A.J.
 SCALE: HORIZ. 1" = 40' DRAWN BY: T.B.M.
 VERT. 1" = 4'
 DATE: DECEMBER, 1999 SHEET NO. 20A OF 28 SHEETS
 SURVEY BY: JOHN THOMAS CITY DWG NO:
 F.B. NO:



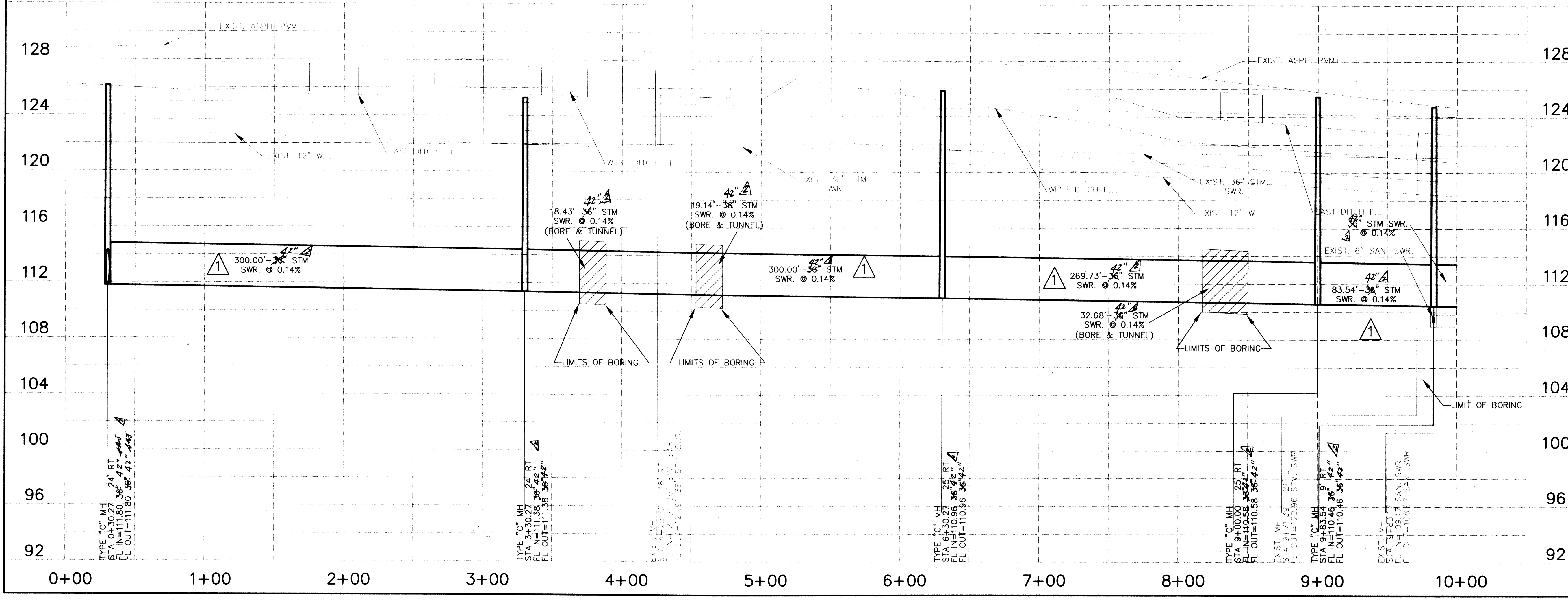
PEPE ENGINEERING
 9950 CYPRESSWOOD, SUITE 500
 HOUSTON, TEXAS 77079-5412
 TELEPHONE: (281) 849-0980
 pepe@pepe-engineering.com

CADD DWG. FILE: 115 861 JOB NO: 9817
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



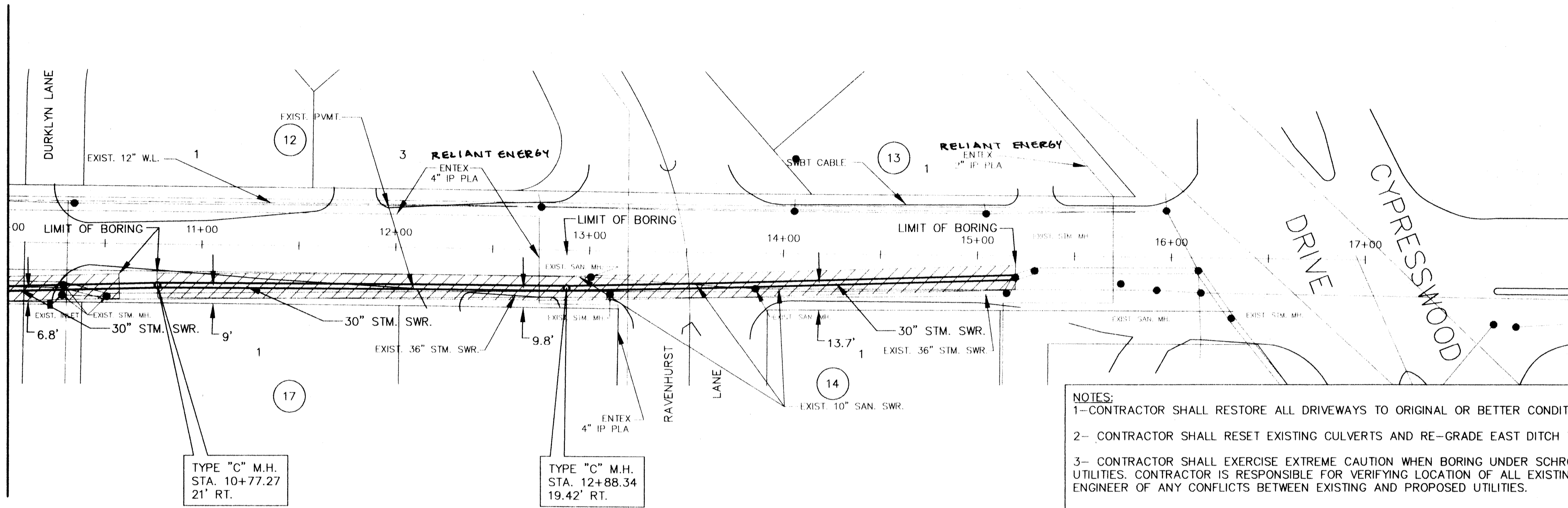
SCHROEDER ROAD

NOTES:
 1- CONTRACTOR SHALL RESTORE ALL DRIVEWAYS TO ORIGINAL OR BETTER CONDITION.
 2- CONTRACTOR SHALL RESET EXISTING CULVERTS AND RE-GRADE EAST DITCH TO EXISTING CONDITIONS.



0 1 2 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

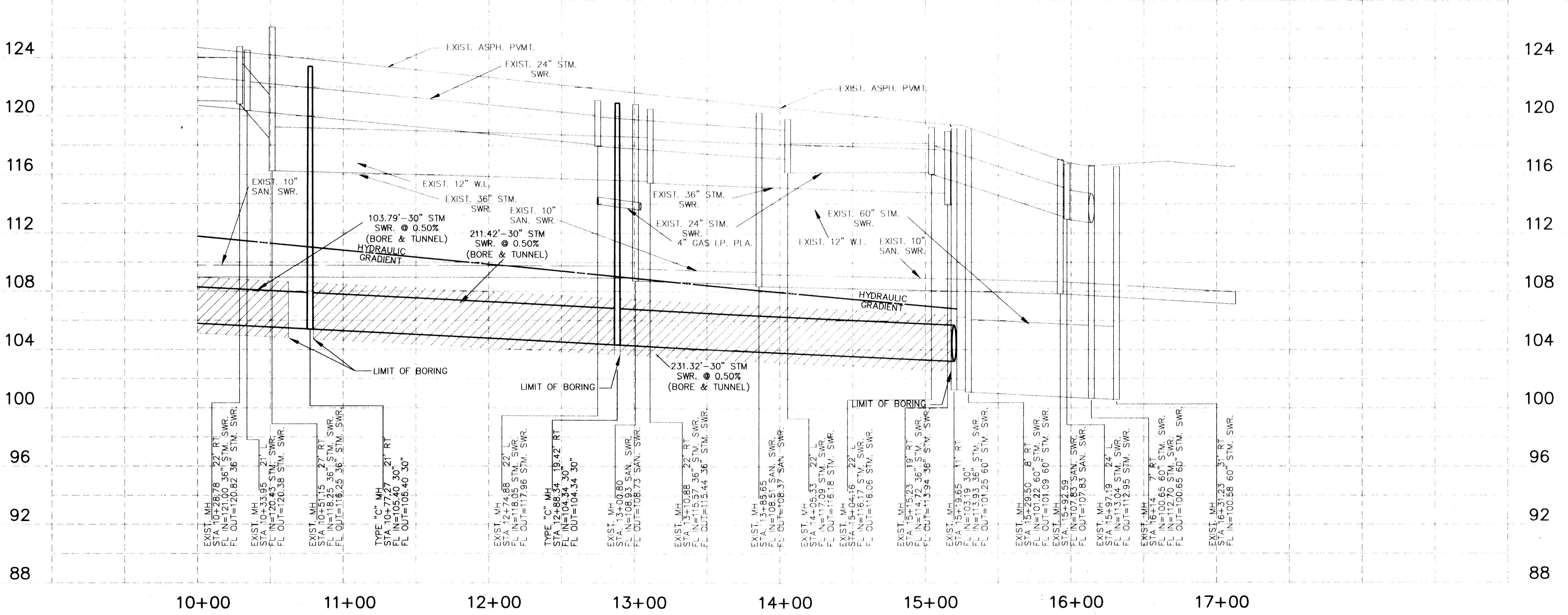
MATCHLINE 10+00



SEE SHEET
21A OF 28
FOR
REVISED
STORM SEWERS

- NOTES:
- 1- CONTRACTOR SHALL RESTORE ALL DRIVEWAYS TO ORIGINAL OR BETTER CONDITION.
 - 2- CONTRACTOR SHALL RESET EXISTING CULVERTS AND RE-GRADE EAST DITCH TO EXISTING CONDITIONS.
 - 3- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN BORING UNDER SCHROEDER ROAD WITH RESPECT TO EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES.
 - 4- CONTRACTOR SHALL PROVIDE FOR THE ENGINEER'S REVIEW, A BORING AND TUNNELING PLAN PRIOR TO CONSTRUCTION.
 - 5- CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TRAFFIC CONTROL PLAN AND FOR MAINTAINING PUBLIC SAFETY AT ALL TIMES.
 - 6- CONTRACTOR SHALL PROTECT ROADWAY FROM BEING UNDERMINED BY TRENCH EXCAVATION.
 - 7- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY FENCES OR EXISTING UTILITIES AND APPURTENANCES DAMAGED DURING CONSTRUCTION.
 - 8- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED BY HARRIS COUNTY - PERMIT DIVISION.

SCHROEDER ROAD



BENCHMARK
RM192 Bronze disk set in top of concrete post, approx. 8.7 miles Southbound on Missouri-Kansas Texas Railroad from station at 10+00 approx. 41 feet Northeast of Northeast rail, approx. 2 feet Northeast of fence, and approx. level with rail. 1973 adjustment. Elev. 150.0

NO. DATE REVISIONS

CONSTRUCTION PLANS
FOR
HARRIS COUNTY M.U.D. NO. 1
PRESTONWOOD PARK
SECTION 1
HARRIS COUNTY, TEXAS

PROPOSED
PAVING, DRAINAGE
AND UTILITIES

PRIVATE UTILITY LINES SHOWN

Cal Walcott 1/4/00
ENTEX, INC.
Mike Balin 1/4/00
SOUTHWESTERN BELL TELEPHONE CO.
VALID FOR ONE YEAR ONLY
Cal Walcott 1/4/00
HOUSTON LIGHTING & POWER CO.
APPROVAL ONLY FOR CROSSING UNDERGROUND
DUCT LINES UNLESS NOTED. VALID AT TIME OF REVIEW

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT

APPROVED: **VOID**

Approval implied for paving and drainage facilities within the R.O.W. and/or jurisdiction. All other improvements in this jurisdiction are approved as to location only.

The above authorization is valid for one (1) year only.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY

PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
WATER	PROJECT MANAGER
WASTEWATER	CONSTRUCTION
STORM WATER	CHIEF ENGINEER

OTHER APPROVAL

TRAFFIC AND TRANSPORTATION SPONSOR DEPARTMENT

CITY ENGINEER
Walter L. Thomas 1-11-99
DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SUBMITTED: SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'
DATE: DECEMBER, 1999
SURVEY BY: JOHN THOMAS
DESIGNED BY: S.A.J.
DRAWN BY: E.B.M.
SHEET NO. 21 OF 28
CITY DWG NO.

SEAL

Salim A. Jaber
REGISTERED PROFESSIONAL ENGINEER
NO. 35568
JAN 13 1999

PEPE ENGINEERING
9950 CYPRESSWOOD, SUITE 200
HOUSTON, TEXAS 77057
TELEPHONE: (281) 991-1111
pepeinc@pepe-engineering.com

CADD DWG FILE: 115_862 JOB NO.: 9911

ORIGINAL SCALE IN 1" = 40'
FOR REDUCED PLAN

