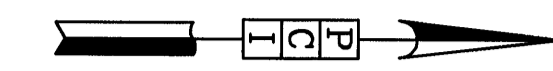
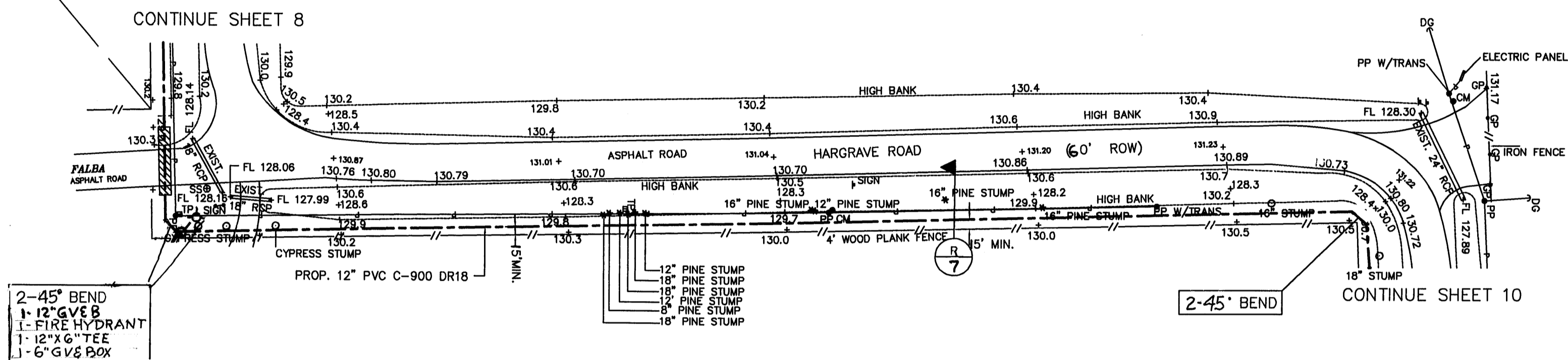


- LEGEND
 C CONCRETE
 CLR CENTERLINE OF ROAD
 DG DOWN GUY
 G GUTTER
 GB GRADE BREAK
 GP GATE POST
 LP LIGHT POLE
 NG NATURAL GROUND
 PP POWER POLE
 TC TOP OF CURB
 SN SIGN
 WV WATER VALVE



60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00 69+00



2-45° BEND
 1-12" GVE B
 1-FIRE HYDRANT
 1-12" X 6" TEE
 1-6" GVE BOX

2-45° BEND

HARGRAVE ROAD (EAST PROFILE)

TREE PRESERVATION NOTES:

1. NO OPEN CUT WITHIN 10' OF A TREE.
2. BORE AND JACK FORCE MAIN FROM DRIP LINE TO DRIP LINE OR A MAXIMUM OF 20' AT EACH TREE UNLESS OTHERWISE SHOWN.
3. OFFSET BORE 5' MINIMUM FROM ANY PINE TREE TRUNK TO AVOID BREAKING TAPROOT.

BENCH MARK
 BENCH MARK: NATIONAL GEODETIC SURVEY MARKER
 Y1216, 1973 ADJ. ELEV. = 125.994
 Y1216, 1978 ADJ. ELEV. = 125.406
 Y1216, 1988 ADJ. ELEV. = 123.94 (THIS ADJUSTMENT WAS USED FOR CUTTEN ROAD)
 ELEVATIONS SHOWN HEREON ARE BASED ON 1973 ADJUSTMENT
 TBM #1: SET RAILROAD SPIKE ON SOUTH SIDE OF 14" TALLOW APPROXIMATELY 31 FEET NORTH OF THE END OF CENTERFIELD DRIVE ELEVATION = 128.6
 TBM #2: SET RAILROAD SPIKE ON SOUTH SIDE OF POWER POLE WITH TRANSFORMER ON WEST SIDE OF PRIVATE ROAD AND 200 FEET NORTH OF PRIVATE ROAD ELEVATION = 130.62
 TBM #3: SET RAILROAD SPIKE ON EAST SIDE OF POWER POLE ON WEST SIDE OF HARGRAVE ROAD AND NORTH OF THE INTERSECTION OF DOTSON ROAD & HARGRAVE ROAD ELEVATION = 128.04
 TBM #4: RAILROAD SPIKE ON EAST SIDE OF POWER POLE #13629 ON THE WEST SIDE OF HARGRAVE ROAD APPROXIMATELY 30 FEET NORTH OF 18 INCH R.C.P. AT GRAVEL DRIVE FROM 13627 HARGRAVE ROAD ELEVATION = 130.56

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.

Rev.	Date	Description	App.

PRIVATE UTILITY LINES SHOWN

[Signature] 3/1/2000
 RELIANT ENERGIES, INC. TEX
 Mike Balwin 3/1/00
 SOUTHWESTERN BELL TELEPHONE CO.
 Valid for One Year Only
[Signature] 3/1/2000
 RELIANT ENERGIES, INC. TEX
 Approval Only for Crossing Underground Ductlines Unless Noted. Valid at Time of Review Only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

REVIEWED BY	
PRIVATELY FUNDED PUBLIC WORKS	CITY FUNDED PUBLIC WORKS
<i>[Signature]</i> 3-7-00 WATER	
<i>[Signature]</i> 3-7-00 WASH WATER	PROJECT MANAGER
<i>[Signature]</i> 3/2/00 STORM WATER	CONSTRUCTION
	CHIEF ENGINEER

OTHER APPROVAL

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

CITY ENGINEER _____ DATE _____
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING *[Signature]* 3-8-2000 DATE _____

SUBMITTED: _____ H: 1"=50'
 SCALE: _____ V: 1"=5'
 DATE: MARCH 2000
 SURVEY BY: _____ SHEET NO. 9 OF 14 SHEETS
 F B NO: 482U CITY DWG. NO. HARDTC4.DWG

HARRIS COUNTY MUD 191
 WATER LINE ALONG
 HARGRAVE ROAD
 (EAST PROFILE)
 STA. 60+00 TO STA. 69+00

PCI PROVIDENT CONSULTING, INC.
 1200 WEST 11TH ST.
 HOUSTON, TEXAS 77008
 (713)802-1019

130	EXIST. EAST DITCH FL 128.14	EXIST. EAST DITCH FL 128.16	EXIST. EAST DITCH FL 128.06	EXIST. EAST DITCH FL 127.99	EXIST. EAST P.W.T. 130.76	EXIST. EAST DITCH FL 128.6	EXIST. EAST P.W.T. 130.70	EXIST. EAST DITCH FL 128.3	EXIST. EAST P.W.T. 130.70	EXIST. EAST DITCH FL 128.3	EXIST. EAST P.W.T. 130.86	EXIST. EAST DITCH FL 128.2	EXIST. EAST P.W.T. 130.89	EXIST. EAST DITCH FL 128.3	EXIST. EAST P.W.T. 130.73	EXIST. EAST DITCH FL 128.4	
125	FL 128.14 EXIST. 18" RCP	EXIST. FL 127.99 18" RCP															
120																	
115																	
110																	
105																	

[Signature]
 03-07-00