

BM 159.60 City Sid SE Cor. 13th & Woodlawn 40'S, 42.5'E of E 90th



to Pine Valley Estates

Planted trees  
"SAVED" Any  
ed in kind

Replace chain link fence.

Drainage Easement Line

Sta. 14+55 Constr. Type A 4' dia.  
Manhole, Top 192.82

Sprinkler System

CAUTION: 2-1" Water Service Lines

Install 21" Pipe

6" PVC Force Main

Sta. 14+91.5 Constr. Type B 4' dia. Manhole  
to intercept 6" PVC Force Main. Plug PVC  
SE of MH. Cost included with Manhole bid.

Install 21" Pipe

Sta. 15+00 Existing Inlet to remain.  
See note below

San. Sewer

Install 21" Pipe

Conc. Pav't

R/W Line

Joint between Conc. & Asph. Pav't

Remove & Replace Pav't  
in kind (Conc. 7", Asph. 6")

es (Horiz.) for  
to be paid  
Guard

SWS Pump Station

Asph. Pav't

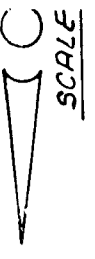
Lot Line 12+65

Lot 5

128	DR 5.0 R.
91.94	CG 11.85 CB
1.70	Hr. 204
	Hm. 0.58

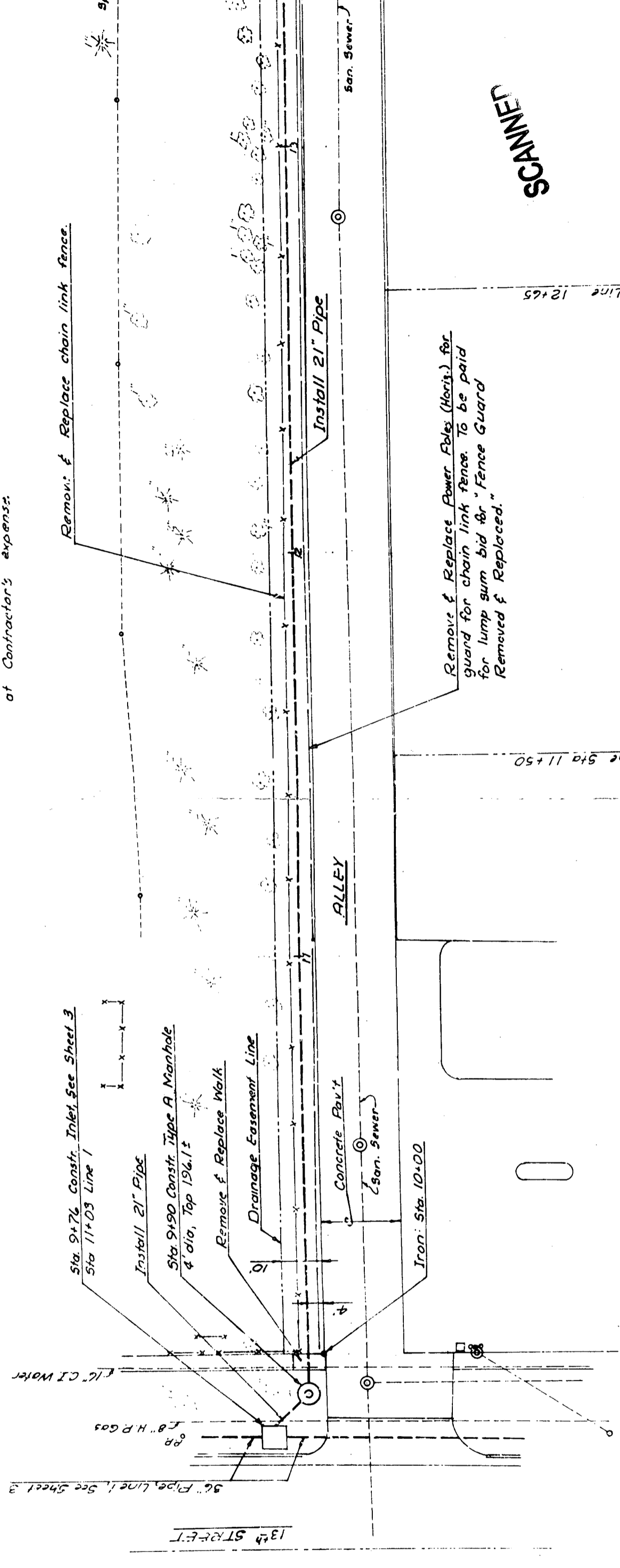
LINE 3

SCANNED



Lot 3, Blk 3, 4th Add'n to Pine Valley Estates

NOTE: Trees east of fence are newly planted trees (approx. 1" trees) and shall be SAVED. Any tree not saved shall be replaced in kind at Contractor's expense.



SCANNED

8" H.P. Gas: Coated & wrapped line, 9" dia. total.  
 11.90' N. of S.L. 13th St.  
 Top of pipe elev. @ 192.36

Lot 4, Highland Square Addition

186.73	192.87	187.8	187.8	187.8	187.8
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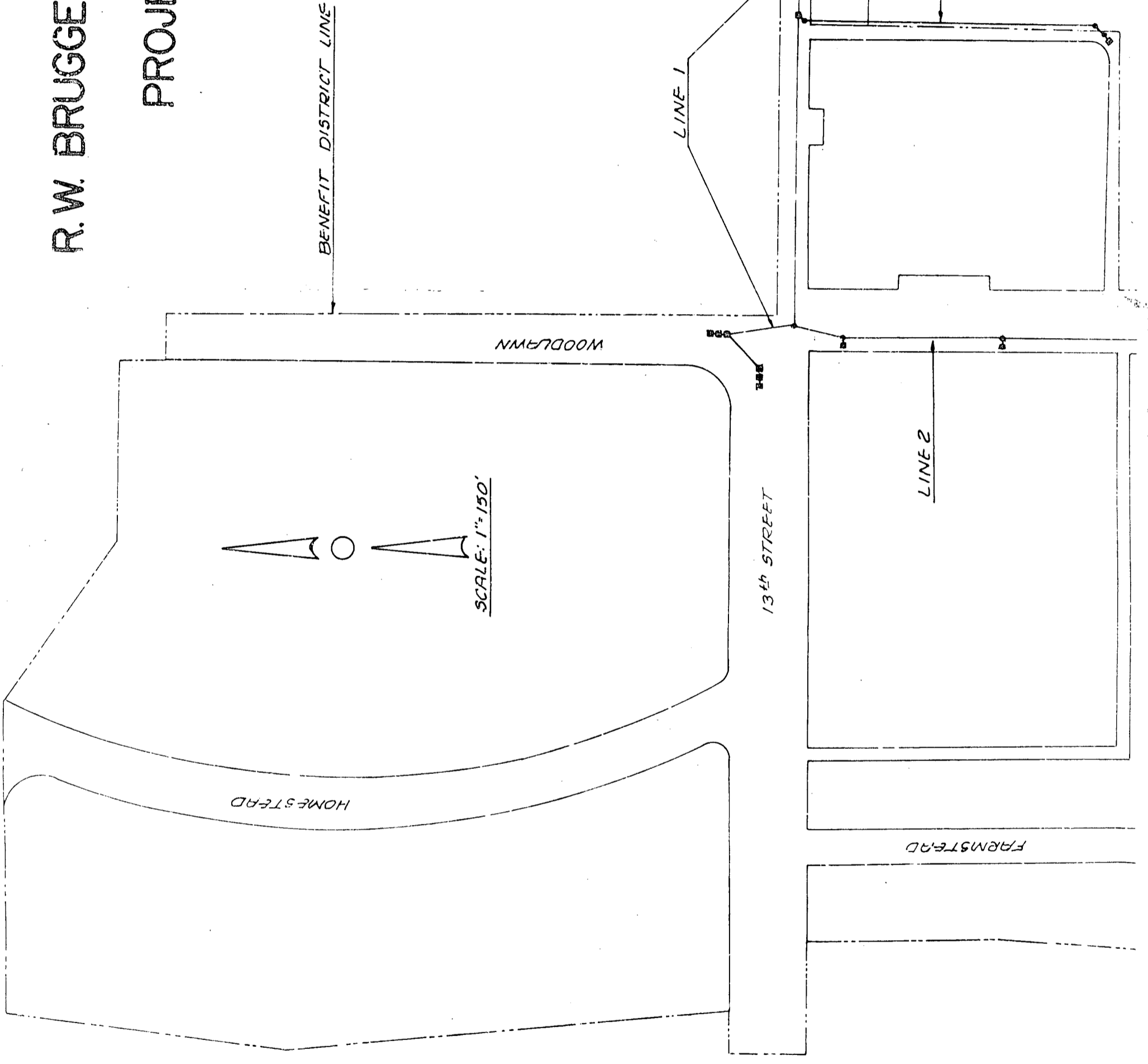
G<sub>3</sub> = 11.85cfs  
 H<sub>4</sub> = 2.22'  
 H<sub>m</sub> = 0.38'

LINE 3

R. W. BRUGGEMAN, DIRECTOR OF ENGINEERING

PROJECT NO. 468-76-245-80316-00

DATE: \_\_\_\_\_



SCANNED

- 1. ALL REFERENCE TO THE EXISTING CONDITIONS AND TO INTER-SECTION OF A CHANGE OF CONTROL, GAS TO GENERAL UTILITY
- 2. FOR IN
- 3. ~~SECTION OF~~
- 4. ED.
- 5. BID FOR ANY ITEM CUTTER AT
- 6. D REPLACED D AND RE-GATE THAT E TIED PER RE-
- 7. OR AS NTS SHALL
- 8. CURR PRIOR CUTTER TO WOODLAWN.
- 9. ANS. ANY OF THE AID FOR AS
- 10. CONCRETE OTHER
- 11. Y DEPART-
- 12. IR RAMPS.
- 13. TIONS AND TILL DO
- 14. NTAIN
- 15.