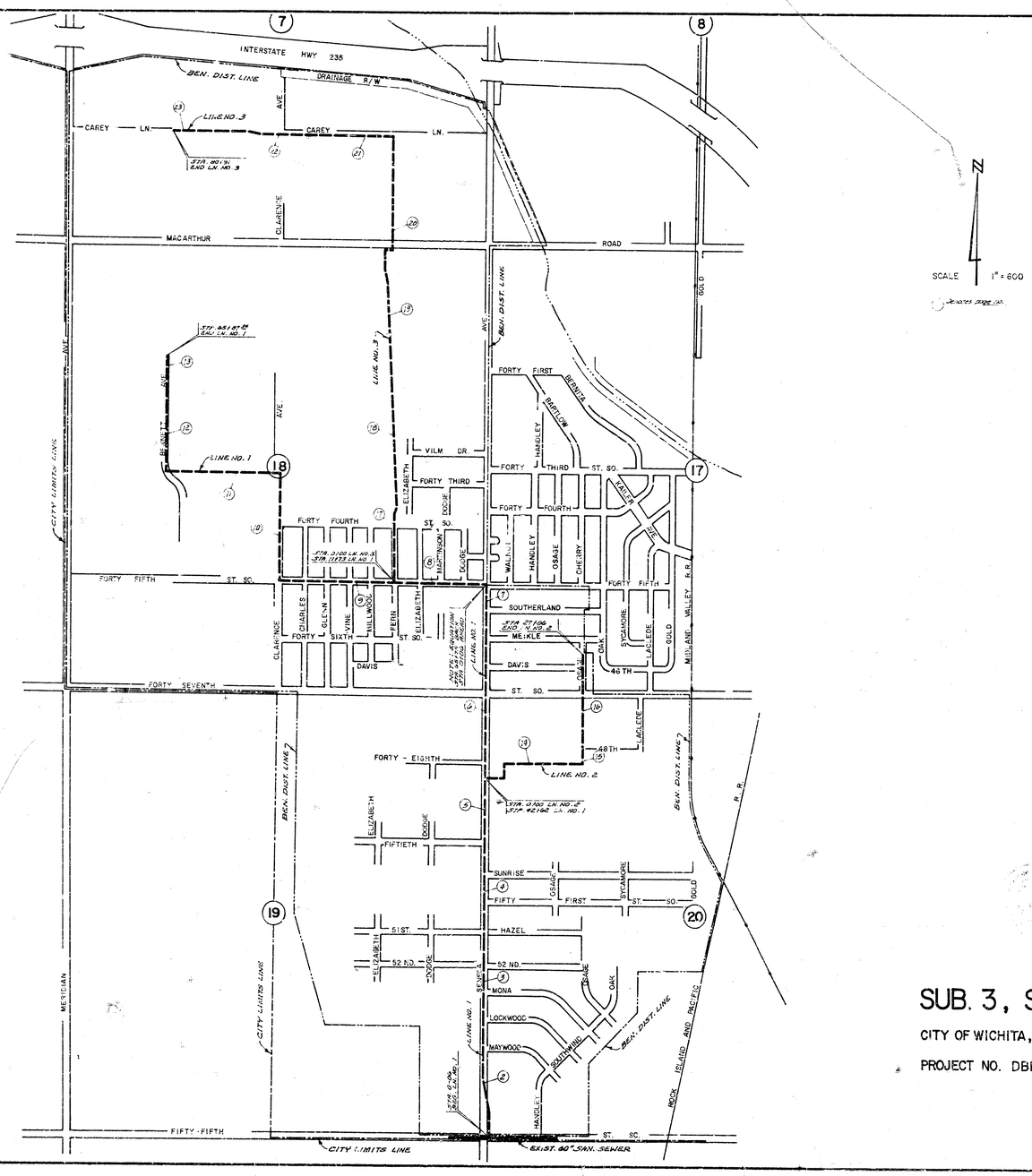


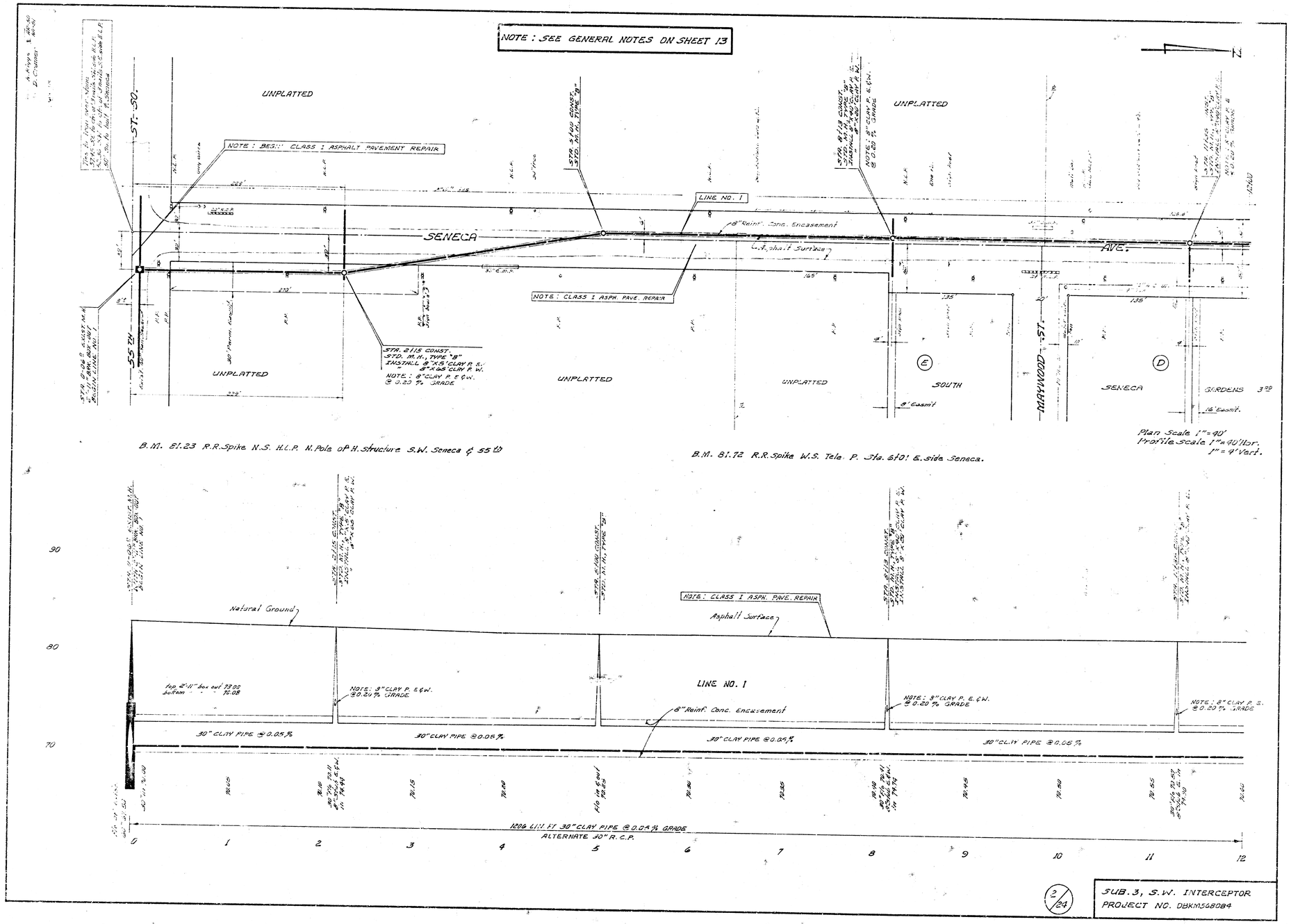
B.E. SMITH — MAY 1970 — CITY ENGINEER

SUB. 3, S.W. INTERCEPTOR

CITY OF WICHITA, KANSAS - B.E. SMITH, CITY ENGINEER

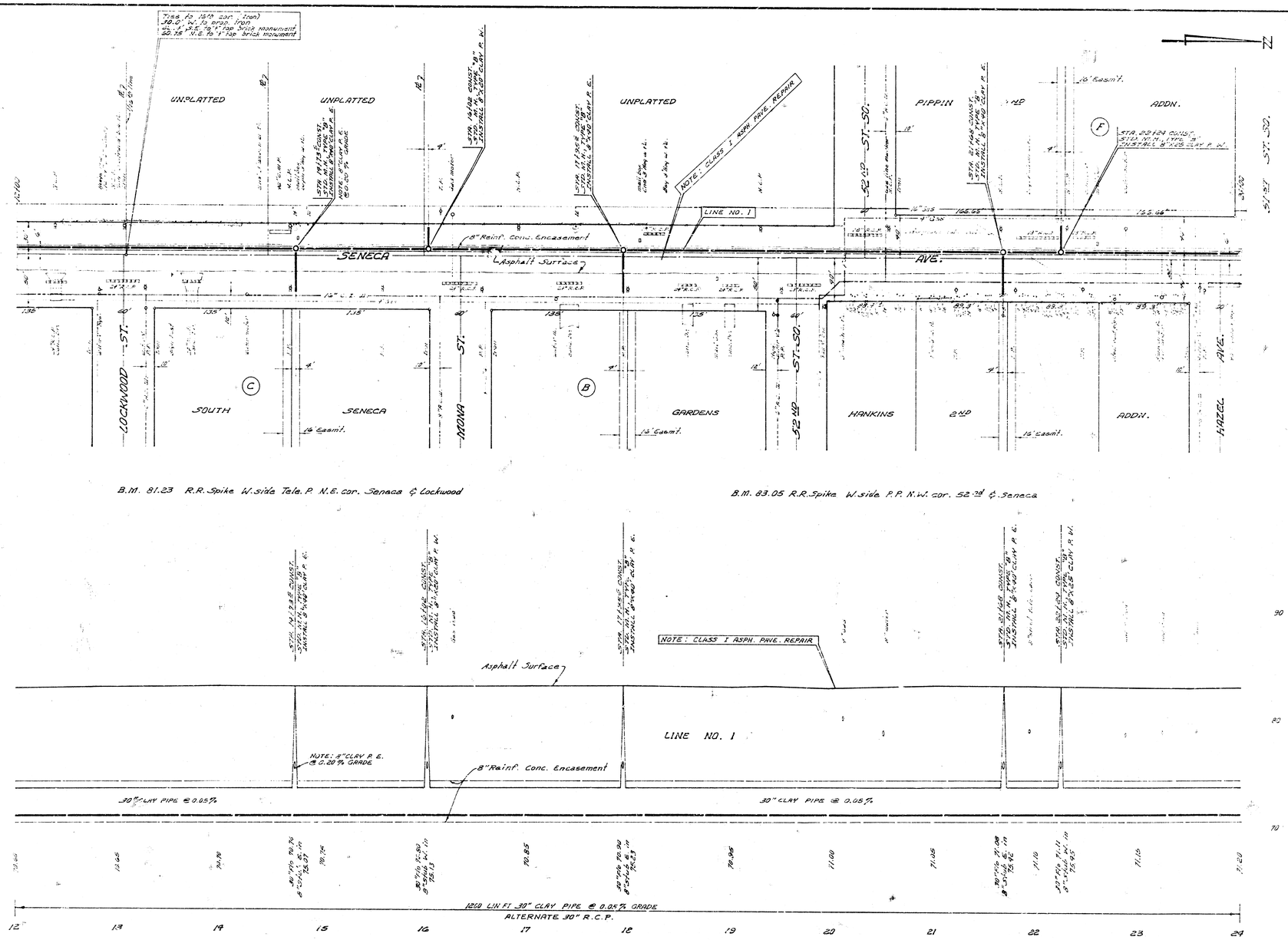
PROJECT NO. DBKM568084 DATE: MAY 1970

1/24



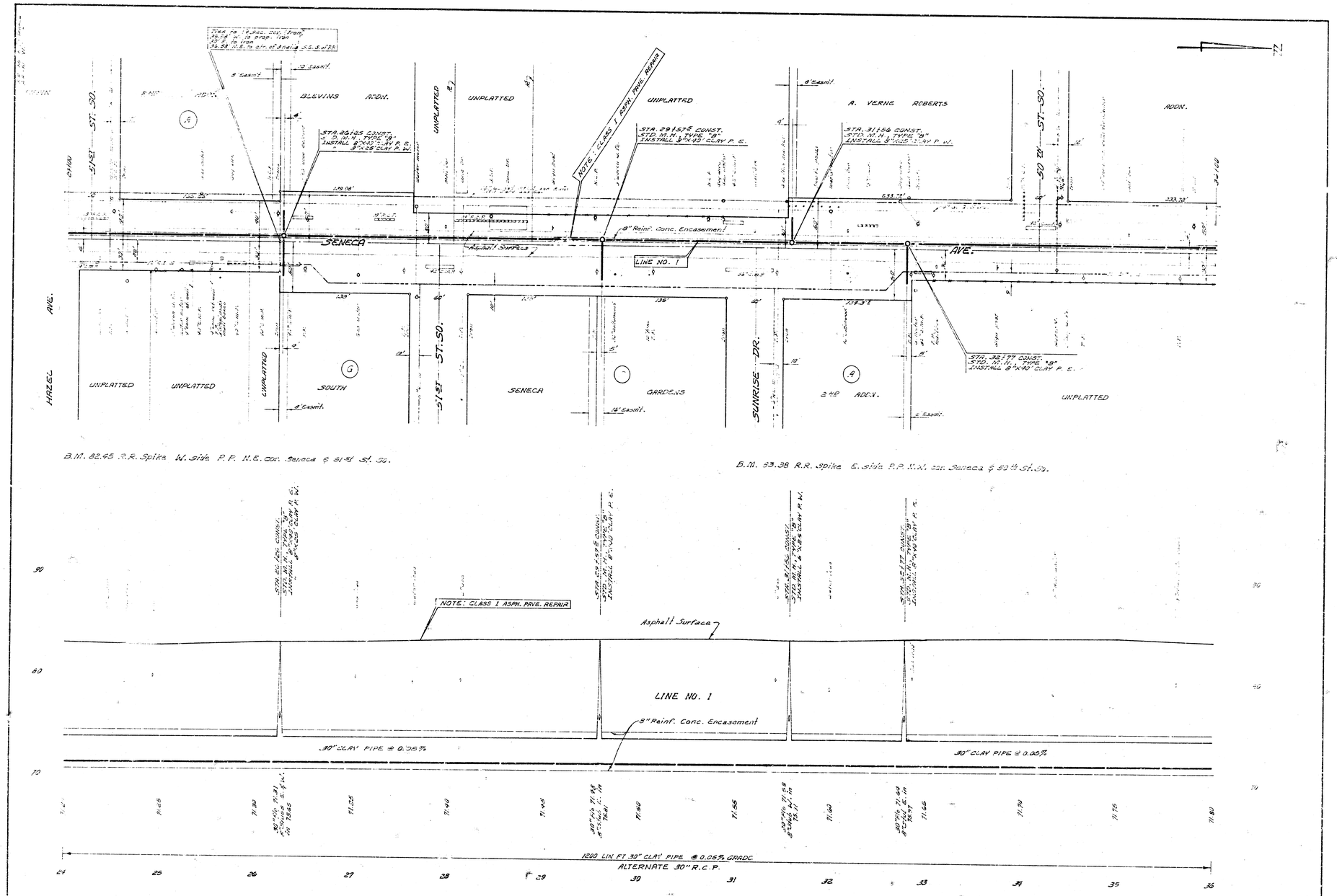
2/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



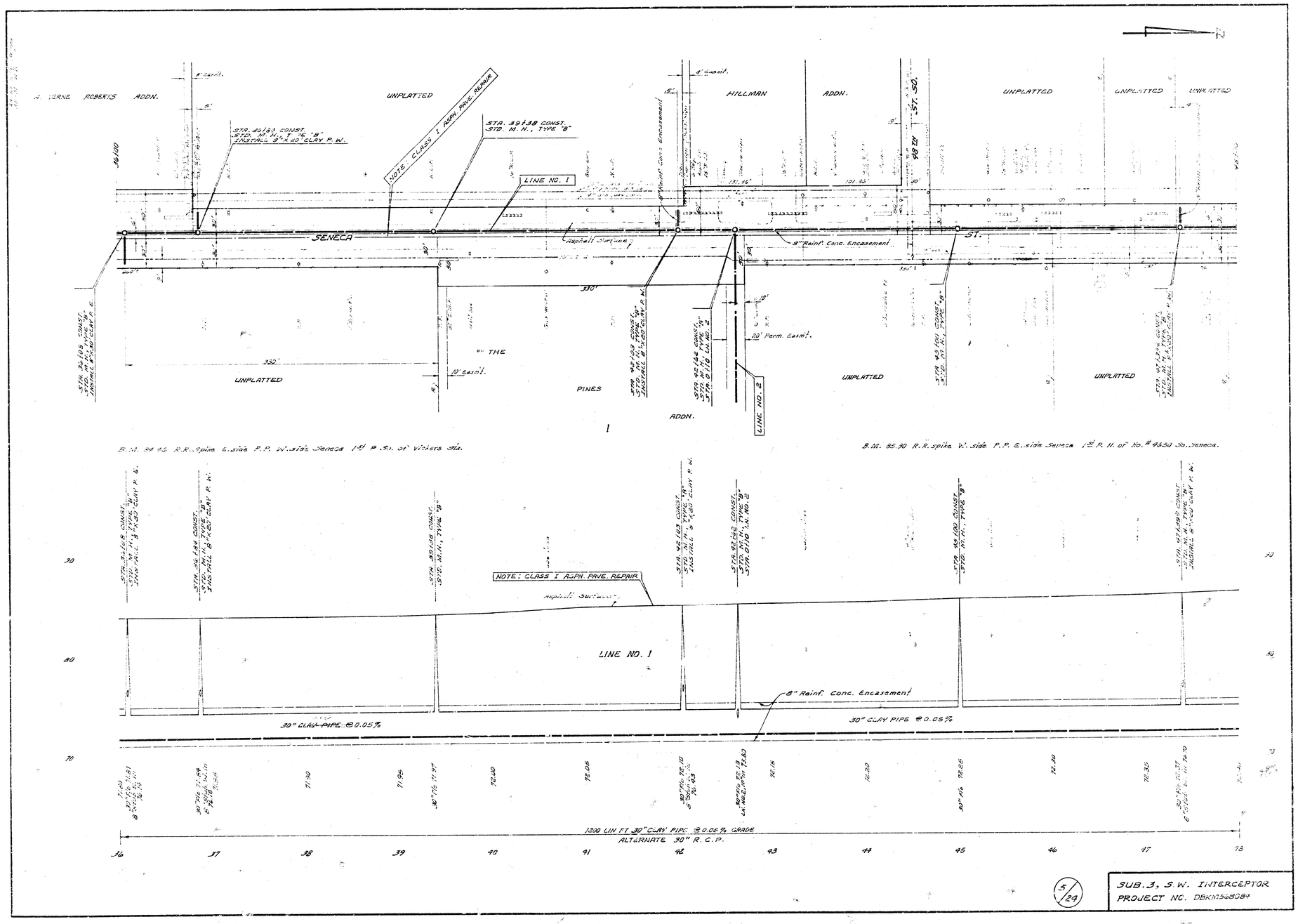
3/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



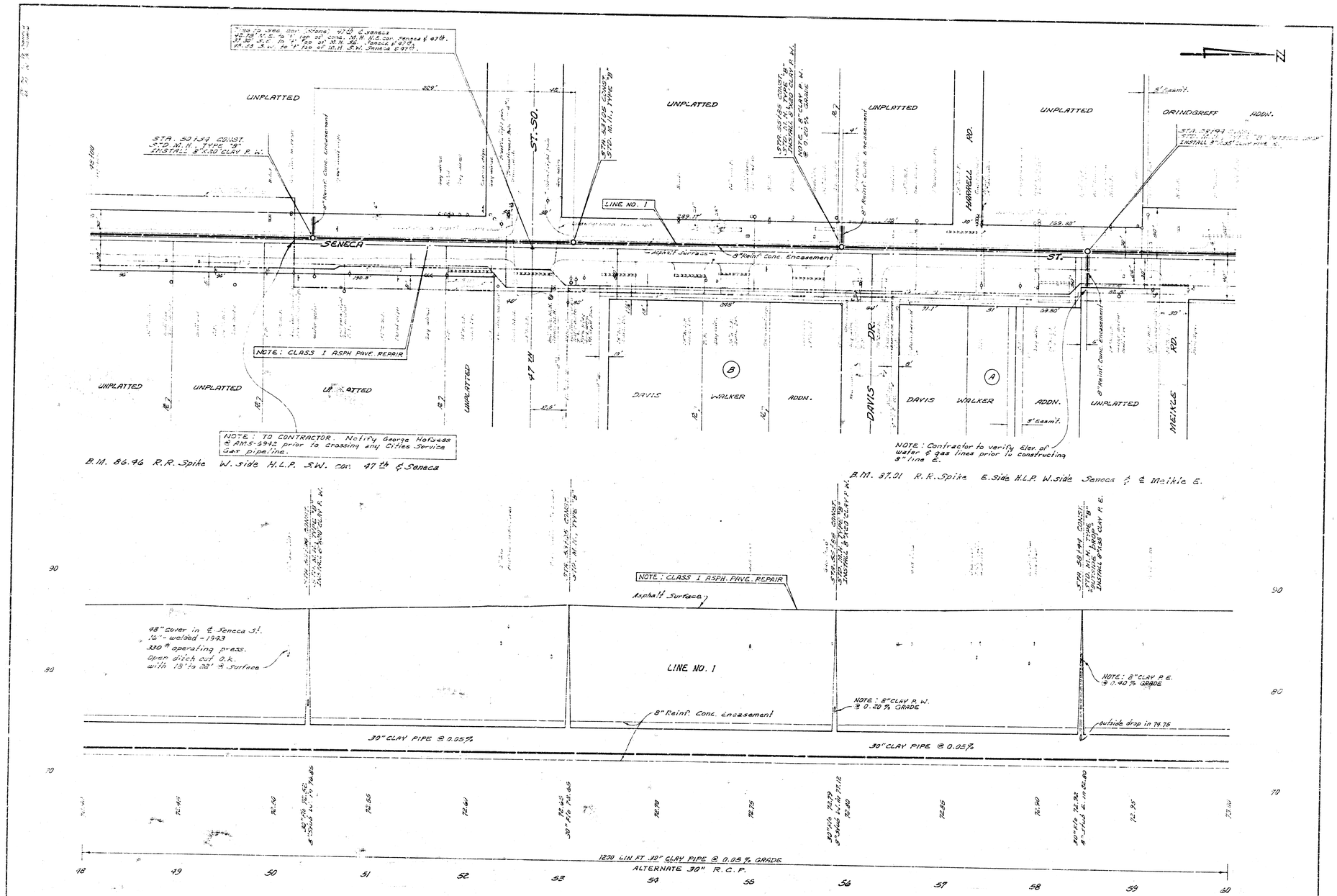
4/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



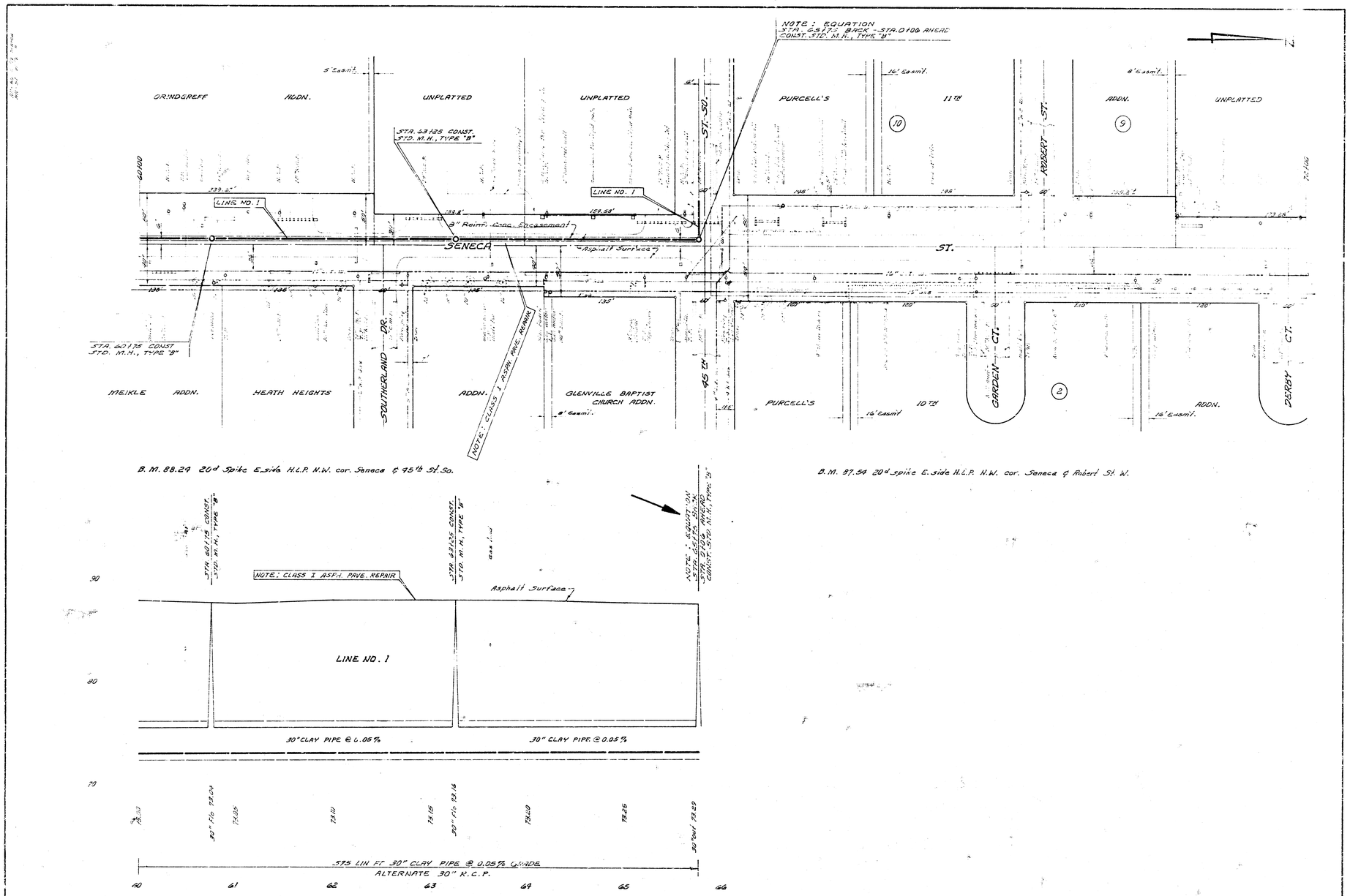
5/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



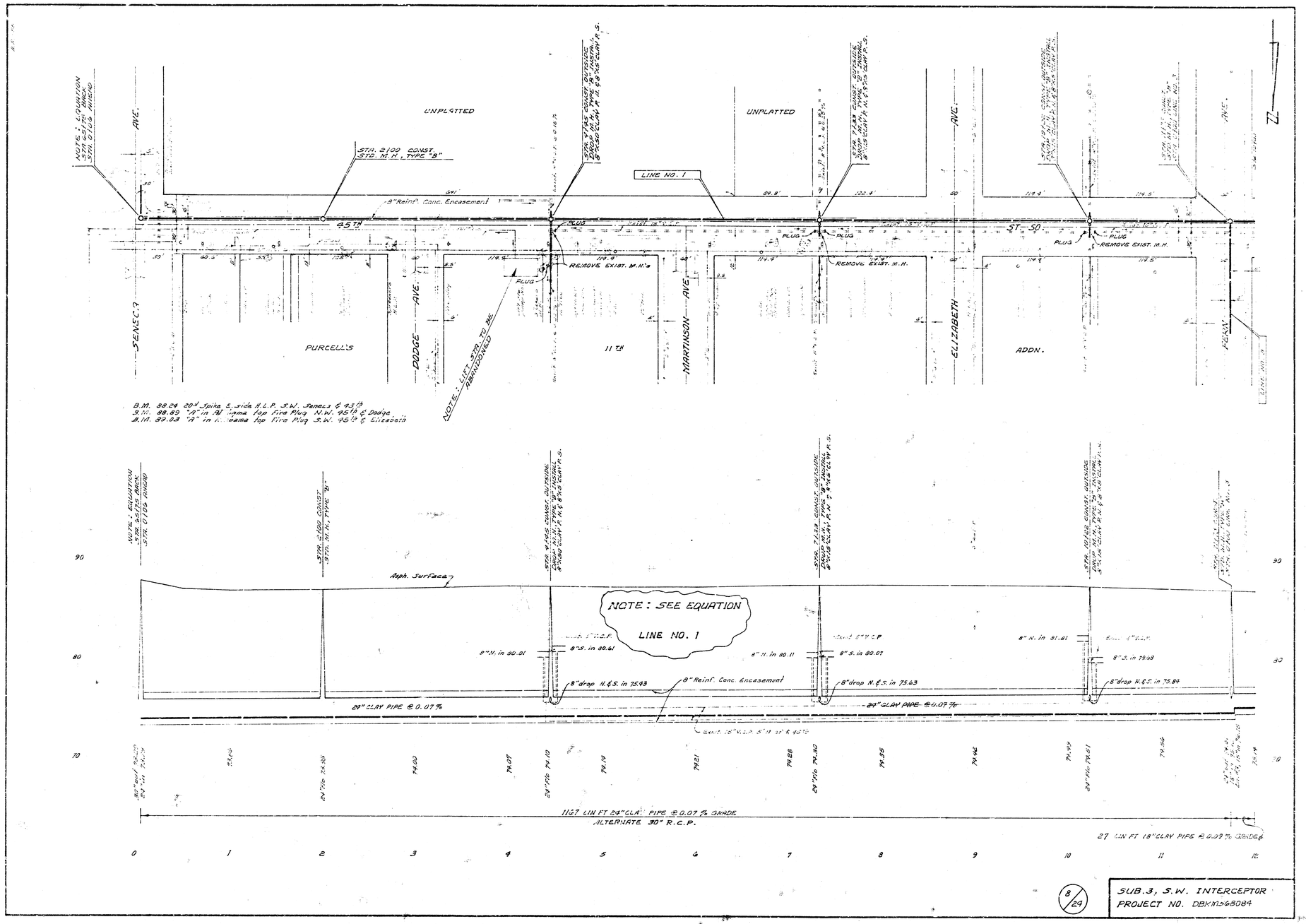
6/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM1568084



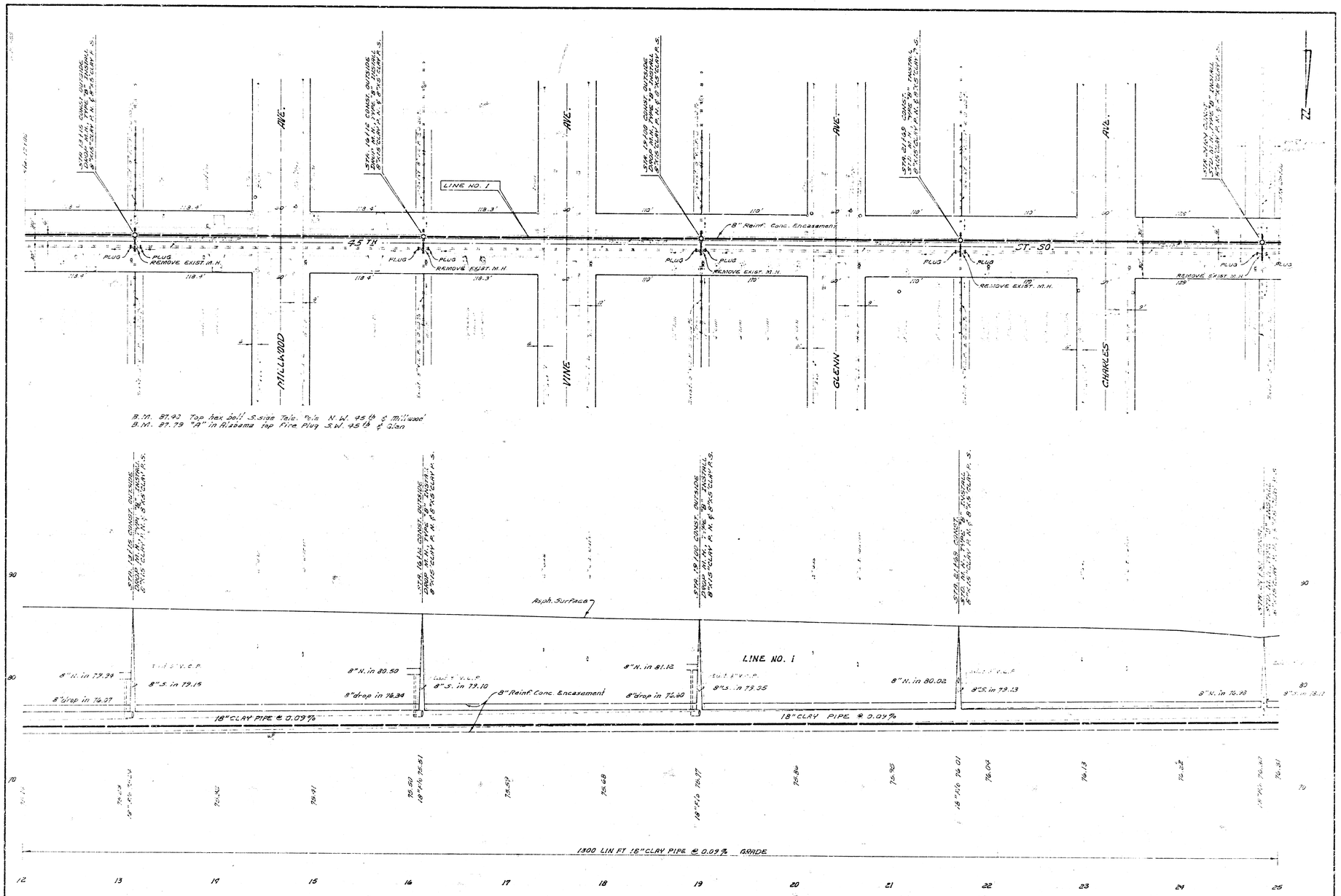
7/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



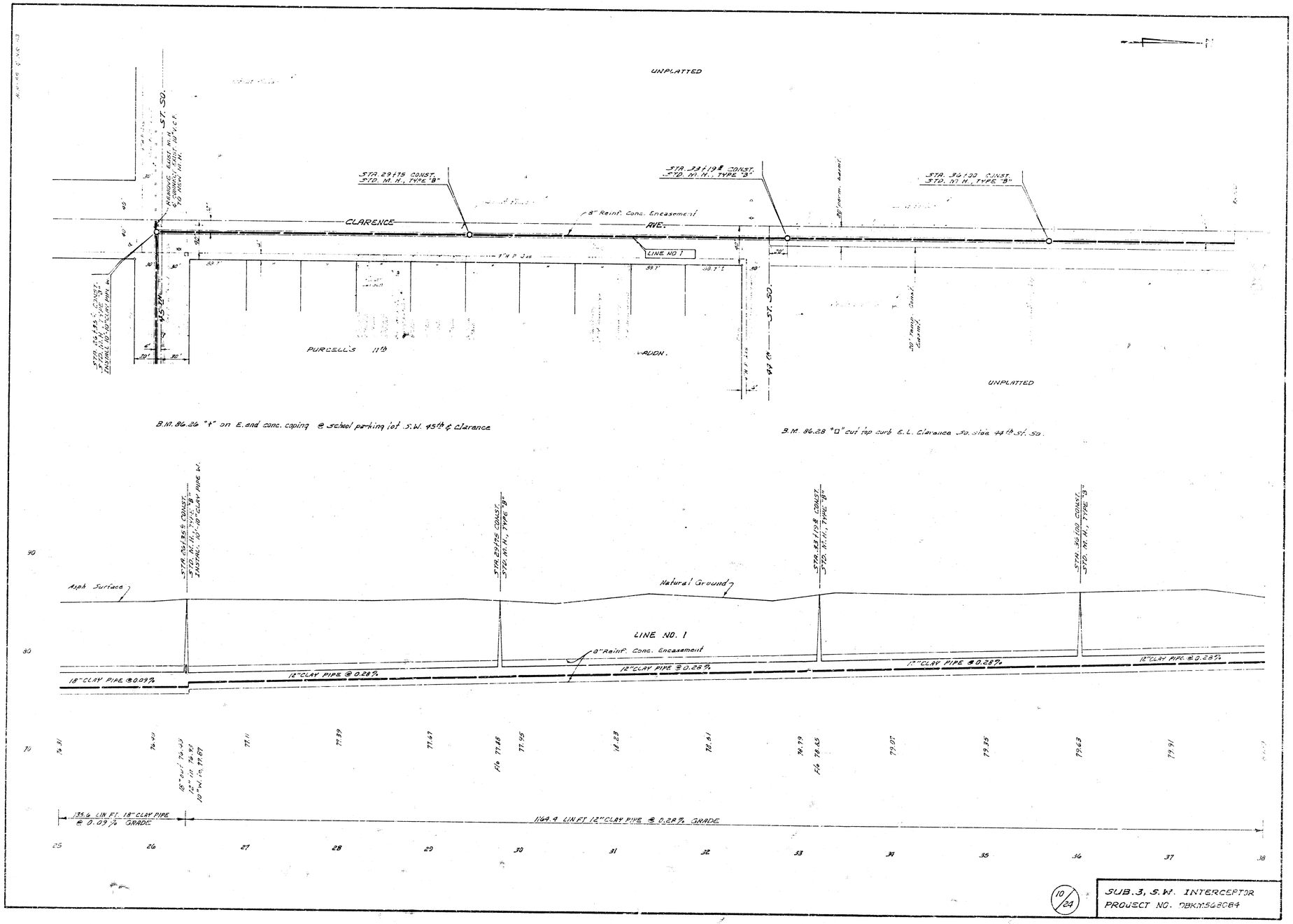
8/29

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBK 11-68084



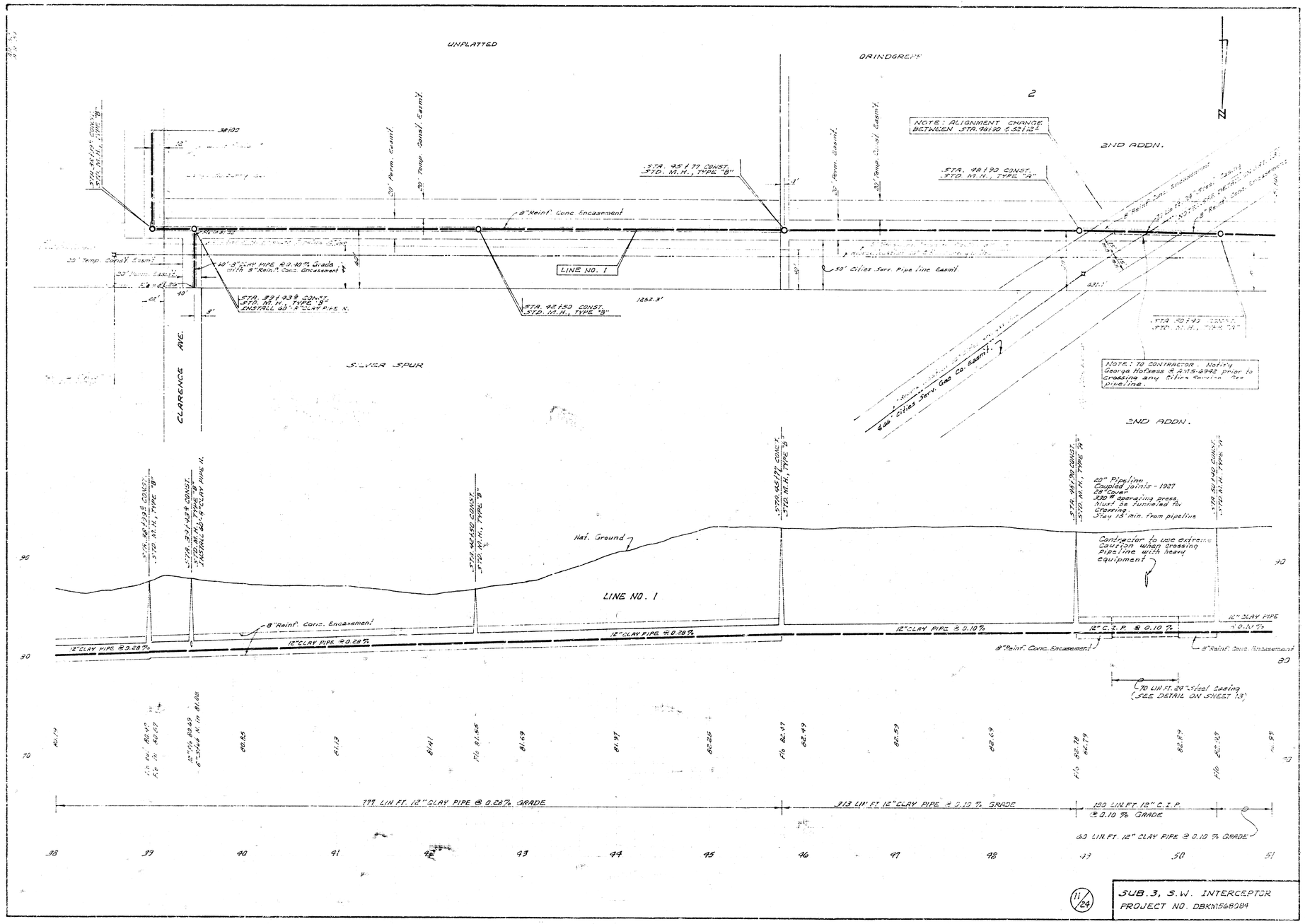
9/24

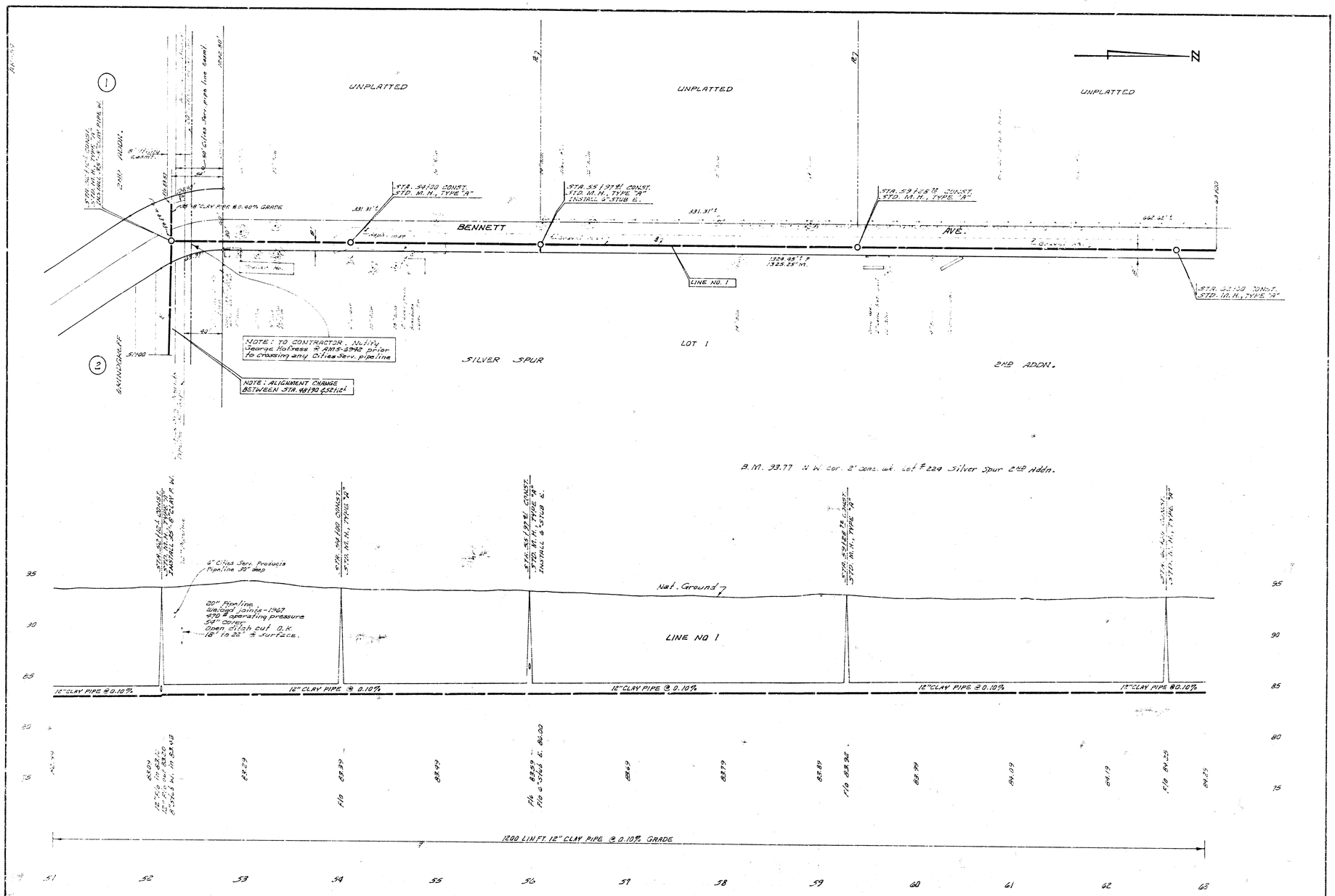
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



10/24

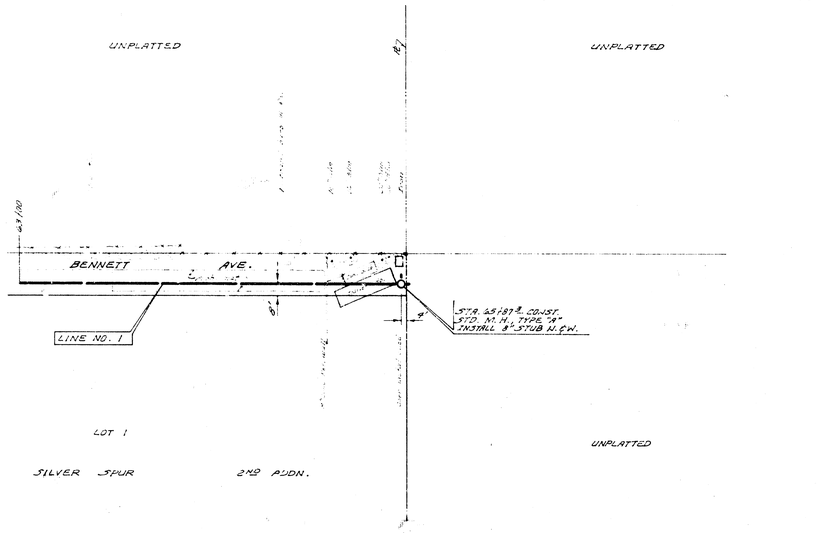
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM5680084


UNPLATTED
DRINDGREE
2
N
NOTE: ALIGNMENT CHANGE BETWEEN STA. 98+90 & 521.2
2ND ADDN.
STA. 95+77 CONST. STD. M.H., TYPE "B"
STA. 48+90 CONST. STD. M.H., TYPE "A"
8" Reinf. Conc. Encasement
LINE NO. 1
50' Cities Serv. Pipe line Easmt.
STA. 42+50 CONST. STD. M.H., TYPE "B"
1252.3'
STA. 39+93 CONST. STD. M.H., TYPE "B"
INSTALL 60' 8" CLAY PIPE N.
CLARENCE AVE.
SILVER SPUR
NOTE: TO CONTRACTOR: Notify George Hofness @ 713-2942 prior to crossing any Cities Service Co. pipeline.
3RD ADDN.
20" Pipeline
Coupled joints - 1927
38" Cover
250 # operating press.
Must be tunneled to crossing
Stay 15' min. from pipeline
Contractor to use extreme caution when crossing pipeline with heavy equipment
Nat. Ground
LINE NO. 1
12" CLAY PIPE @ 0.28%
12" C.I.P. @ 0.10%
12" CLAY PIPE @ 0.10%
70 LIN. FT. 24" Steel Casing (SEE DETAIL ON SHEET 13)
777 LIN. FT. 12" CLAY PIPE @ 0.28% GRADE
313 LIN. FT. 12" CLAY PIPE @ 0.10% GRADE
180 LIN. FT. 12" C.I.P. @ 0.10% GRADE
60 LIN. FT. 12" CLAY PIPE @ 0.10% GRADE
38 39 40 41 42 43 44 45 46 47 48 49 50 51
11/24
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKN1568084

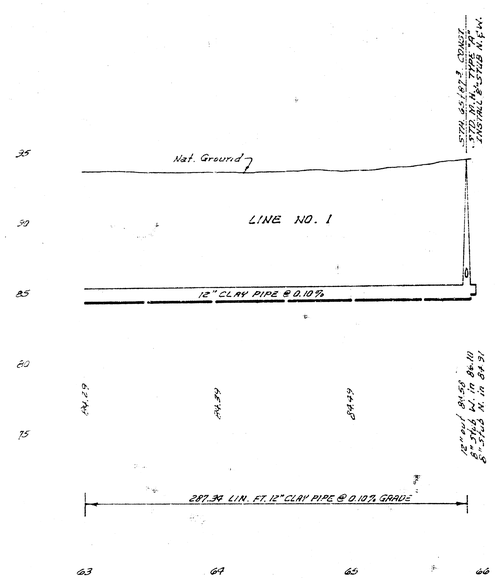


12/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



B.M. 94.05 S.W. Cor. conc. dr. Lot #26 Silver Spur 2ND Pl.dn.



GENERAL NOTES

#1 All 30" clay pipe shall be standard strength. All 24" clay pipe shall be standard strength. 30" & 24" clay pipe shall be encased with 8" reinf. conc. encasement. Encasement shall be included in price bid for 30" clay pipe encased & 24" clay pipe encased respectively. 15", 12", 10" & 8" clay pipe shall be encased with 6" reinf. conc. encasement as shown on the plan.

#2 All type "B" M.H.'s on 30" clay pipe shall be 5' in diameter with 10" walls. All type "B" M.H.'s on 24" clay pipe & smaller shall be 4' in diameter with 12" walls. All type "A" M.H.'s shall be 4' in diameter with 8" walls.

#3 Encasement on 8" stubs shall end 12" back from end of 8" stub. Reinf. steel shall be extended a min. of 8" for future encasement extension. All steel left exposed shall be painted with 2 coats of rust preventive paint.

#4 All 8" stubs to be installed @ 0.15% Grade unless otherwise noted on plan.

#5 4" on 10" Wye's on line #2 as shown on the plans shall be included in price bid per lin ft of 10" clay pipe.

#6 All 6" stubs shall be included in price bid for M.H.'s.

#7 All sand backfill is to be flushed & vibrated and shall be included in bid price per lineal ft. of pipe. Where flushing of the excavated material is directed by the Engineer, the Contractor shall consolidate the backfill using water jets & vibrators. Flushing shall be included in the bid price per lineal ft. of pipe.

#8 The Contractor shall be responsible for all settlement of backfill which may occur within one year after final completion of the project. The Contractor shall make or cause to be made, all necessary backfill replacements & repairs within thirty days after notice from the Engineer.

#9 "Culverts & ditches". After backfilling operations have been completed, all street & driveway culverts & drainage structures which have been removed or damaged shall be restored to proper lines & grades, using new or rem. material as necessary. All road ditches shall be graded for proper drainage & restored to their orig. condition.

#10 All pavement, roads, drives & parking areas which are disturbed by the sewer construction shall be resurfaced with the same or better type of material as the original. All such surface replacements shall be placed on properly compacted subgrade & to original line & grades. All park, roads, drives & parking areas removed & replaced, except that shown on the plans & designated as Class I Asph. Pavt. will not be pd. for directly but shall be included in the price bid per lin. ft. of pipe.

#11 30" reinf. conc. pipe [illegible] joints may be furnished & installed [illegible] of 30" & 24" clay pipe [illegible].

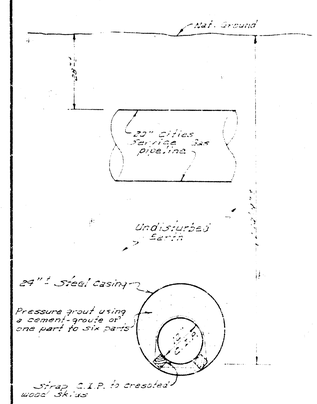
#12 All 30" reinf. conc. pipe [illegible] steel joint [illegible] Class III with [illegible] to

#13 The description of conc. [illegible] shall not exceed 7.2 percent.

#14 Install risers on sewer lines [illegible] line No. 2 to elev. 722.2. [illegible] encased with 6" reinf. conc. encasement [illegible] necessary for construction of risers. [illegible] to ground water, on sheet No. 15. [illegible] bid as lin ft of reinf. conc. encasement. Payment shall be made on measurement from [illegible] to sewer line to top end of the riser, [illegible] 4" or 6" stoppers to be included in bid price per lin ft. of reinf. conc. encased riser. Cost of wyes to be included in bid price of lin ft of 12" clay pipe.

#15 Except for items listed in the contract proposal, no separate payment will be made for any work or materials not [illegible] plans or in the specifications. All prices in connection therewith shall be considered incidental to the project.

#16 Cost of removing & replacing trees, mailboxes, road signs etc. & removal of trees, shrubs, manholes etc., shall be incidental to the project.

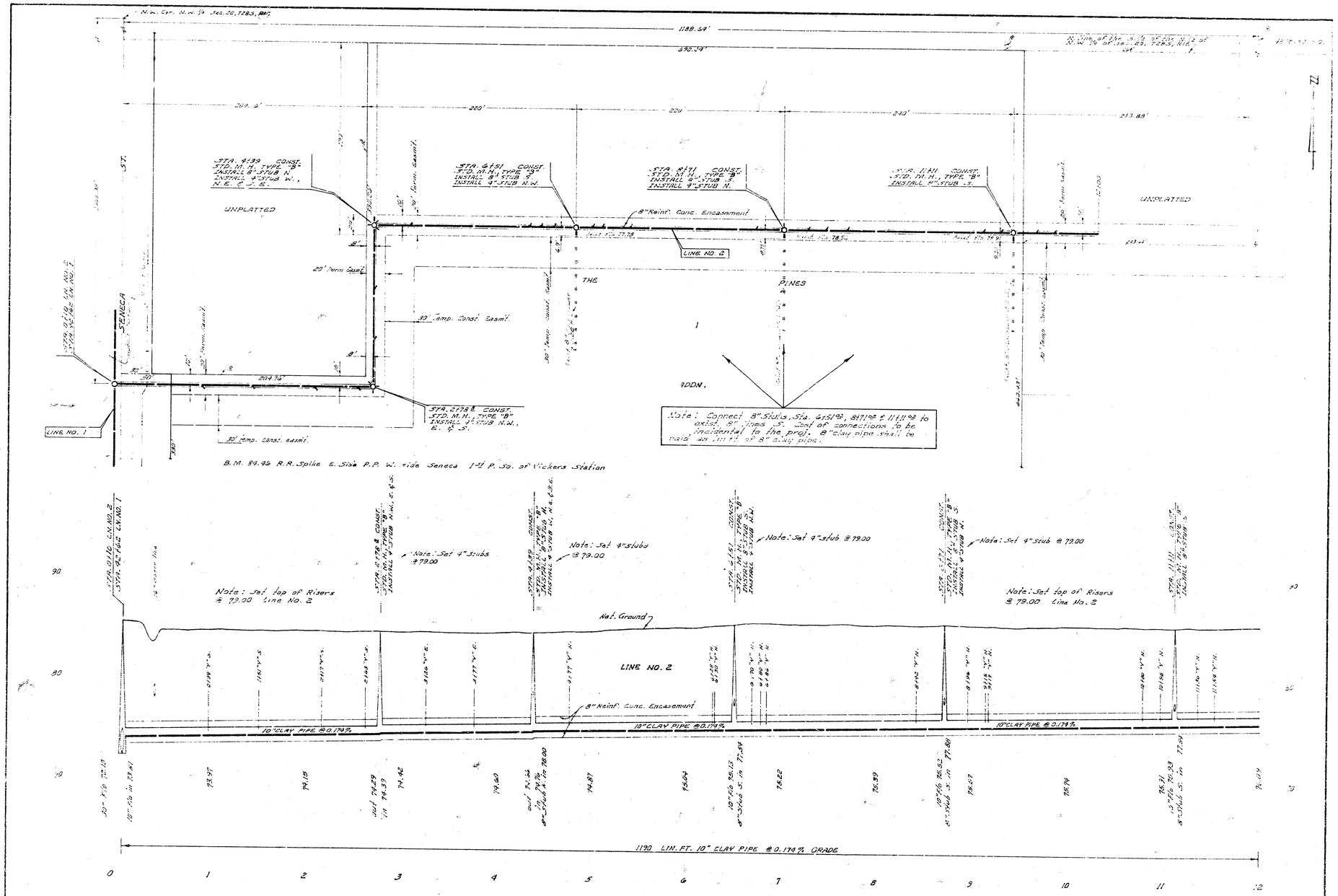


TUNNEL SECTION
STA. 99+75± SEE SHEET NO. 11
No Scale

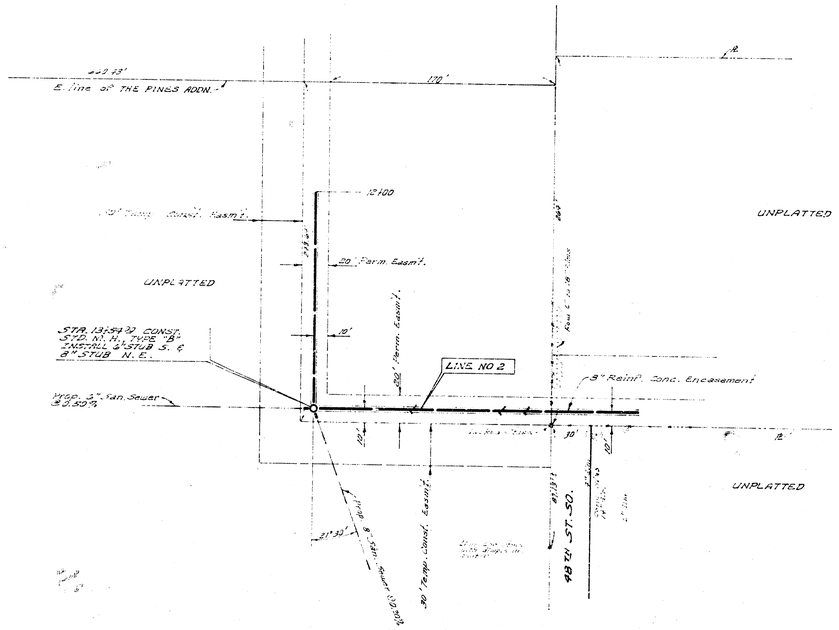
Note: Steel casing to be installed by augering & jacking method. Used steel casing may be used with the approval of the Field Engineer.

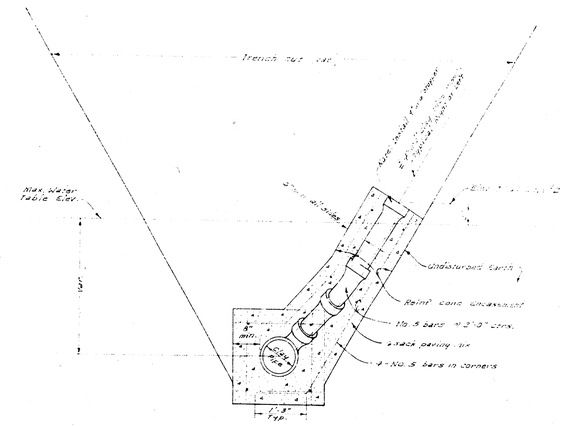
13/29

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM548084

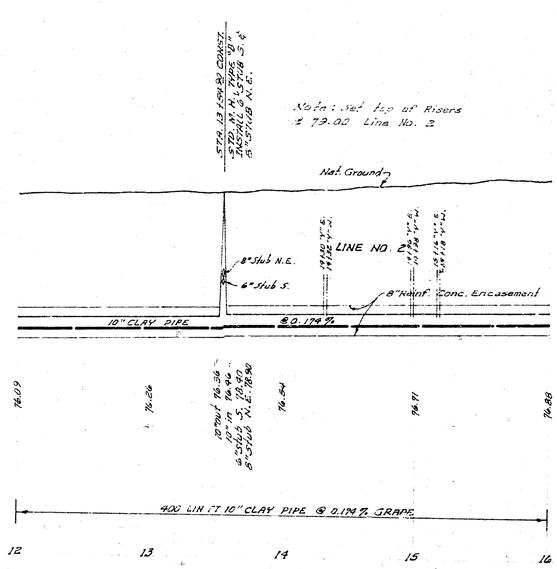


SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM508084



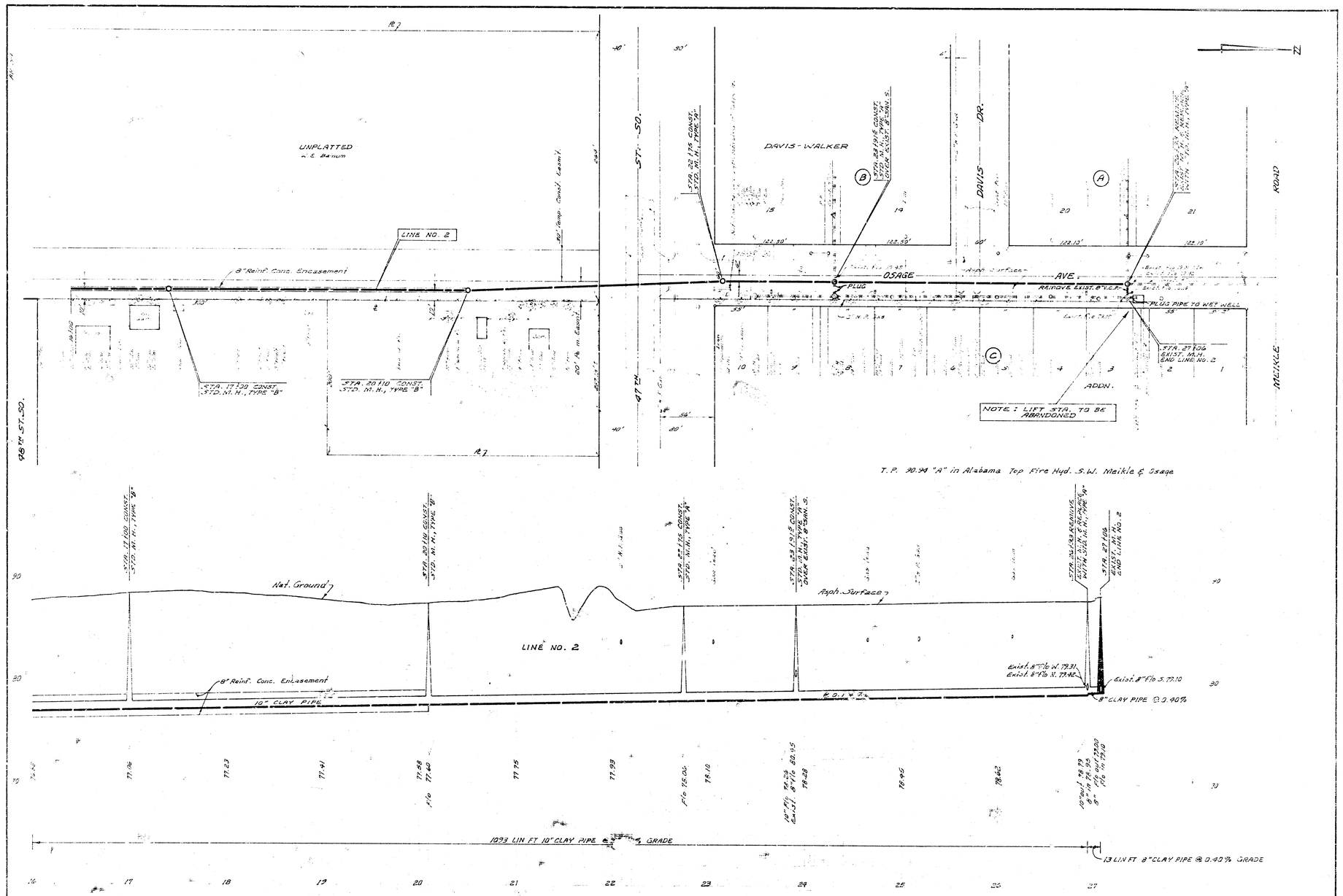


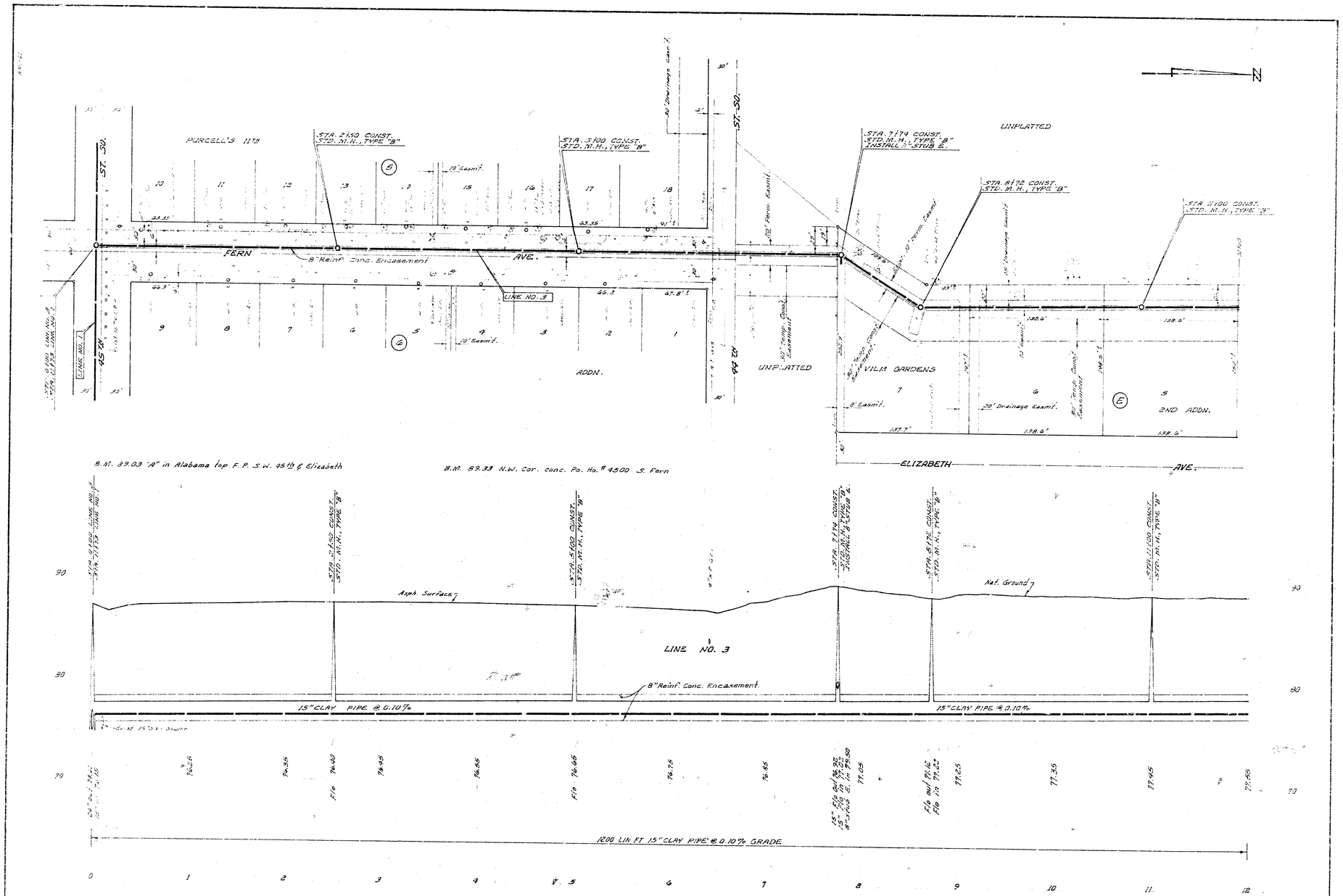
DETAIL OF RISERS IN GROUND WATER
Scale 3/8" = 1'-0"



15/24

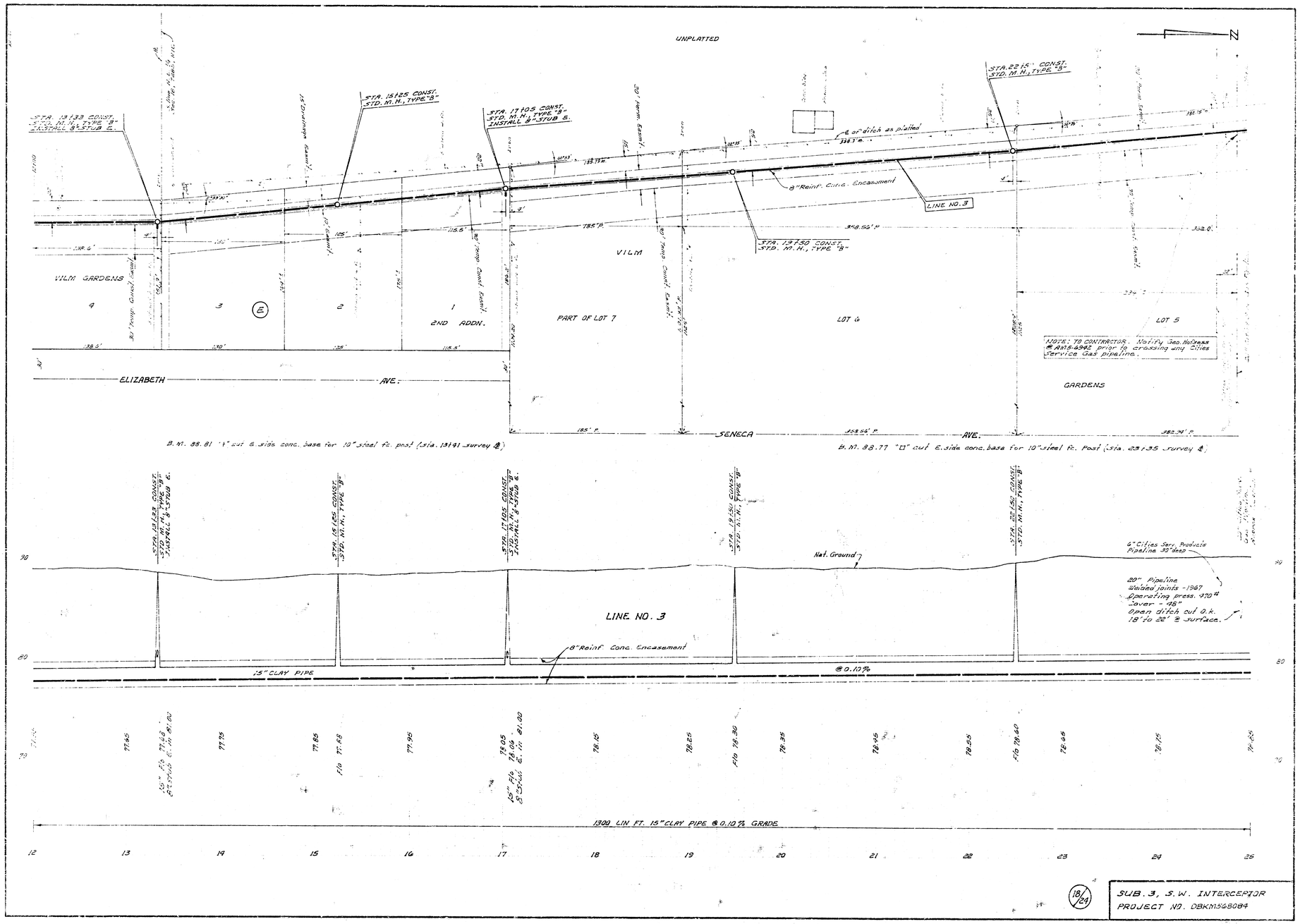
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568037


UNPLATTED
DAVIS-WALKER
ADDN.
OSAGE AVE.
DAVIS DR.
MEIKLE ROAD
98TH ST. SO.
87TH ST. SO.
LINE NO. 2
8" Reinf. Conc. Encasement
PLUG
REMOVE Exist. 8" V.C.P.
PLUG PIPE TO WET WELL
STA. 17+00 CONST. STD. M.H., TYPE "B"
STA. 20+10 CONST. STD. M.H., TYPE "B"
STA. 22+15 CONST. STD. M.H., TYPE "A"
STA. 22+19.5 CONST. STD. M.H., TYPE "A" OVER Exist. 8" SAN. S.
STA. 27+06 EXIST. M.H. END LINE NO. 2
NOTE: LIFT STA. TO BE ABANDONED
T.P. 90.94 "A" in Alabama Tap Fire Hyd. S.W. Meikle & Osage
Nat. Ground
Asph. Surface
Exist. 8" Flo W. 79.31
Exist. 8" Flo N. 79.42
Exist. 8" Flo S. 79.10
10" CLAY PIPE
8" CLAY PIPE @ 0.40%
1093 LIN FT 10" CLAY PIPE @ 0.1% GRADE
13 LIN FT 8" CLAY PIPE @ 0.40% GRADE
16/24
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. D3KM568084



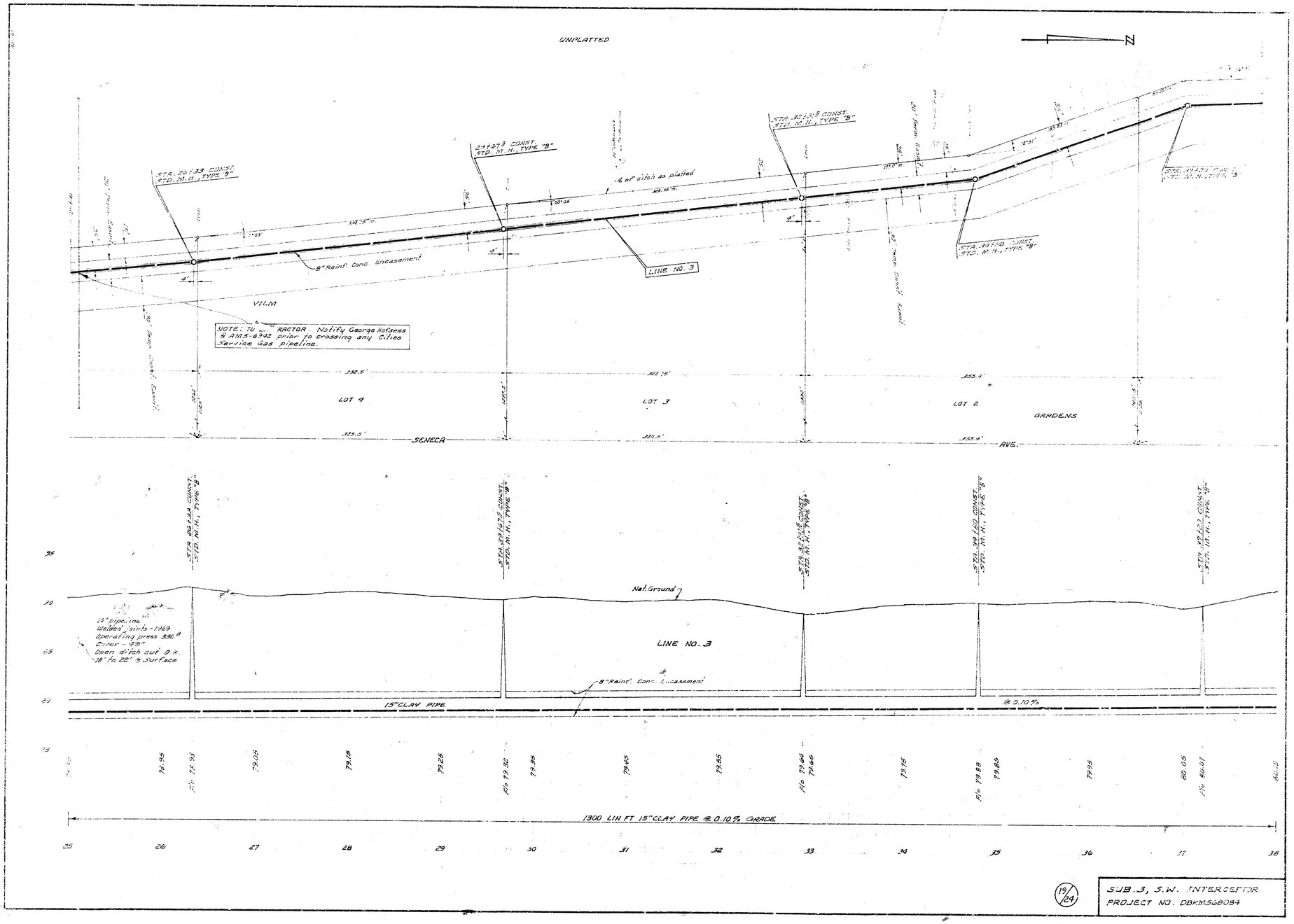
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DAKM54-084

17/24



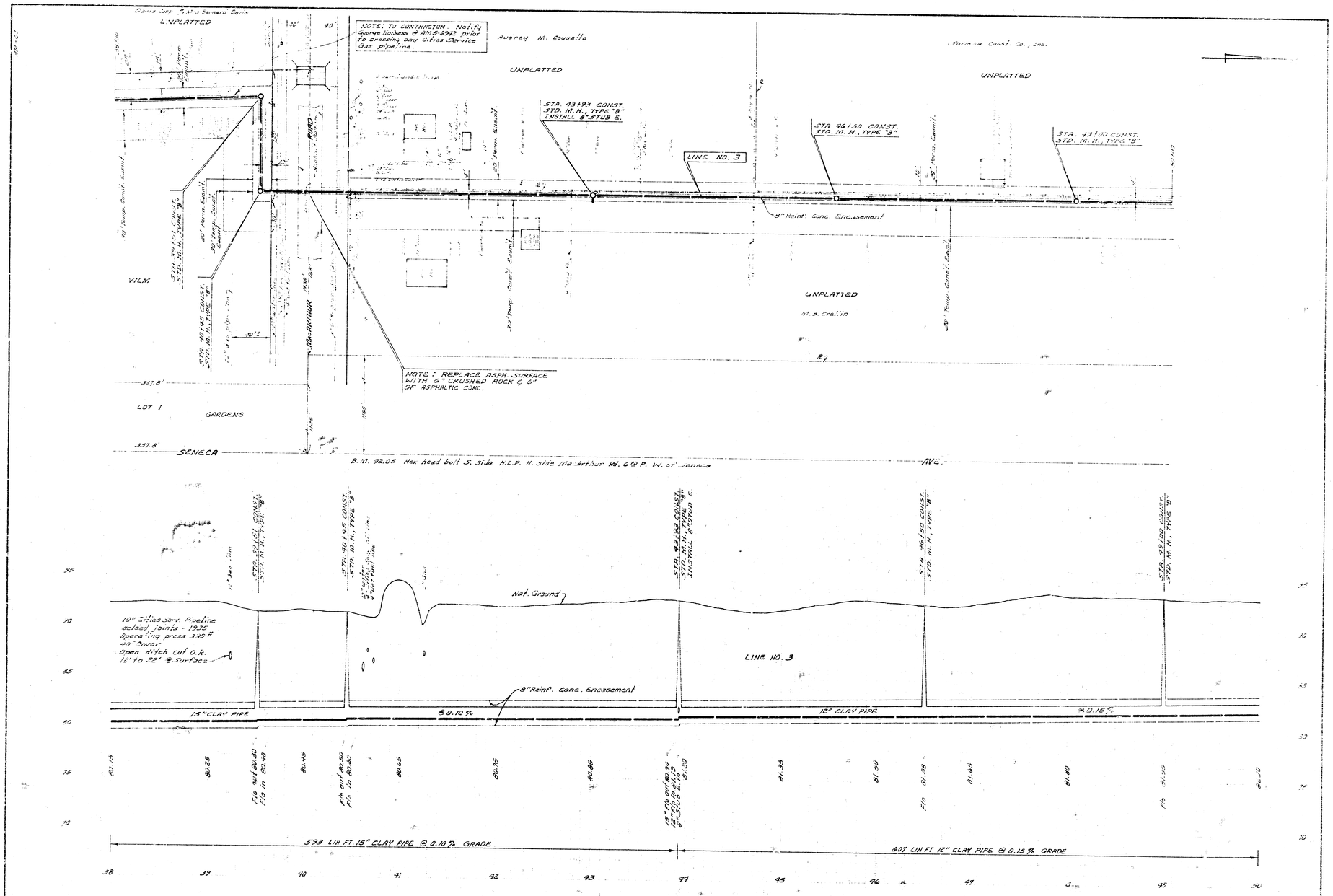
18/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



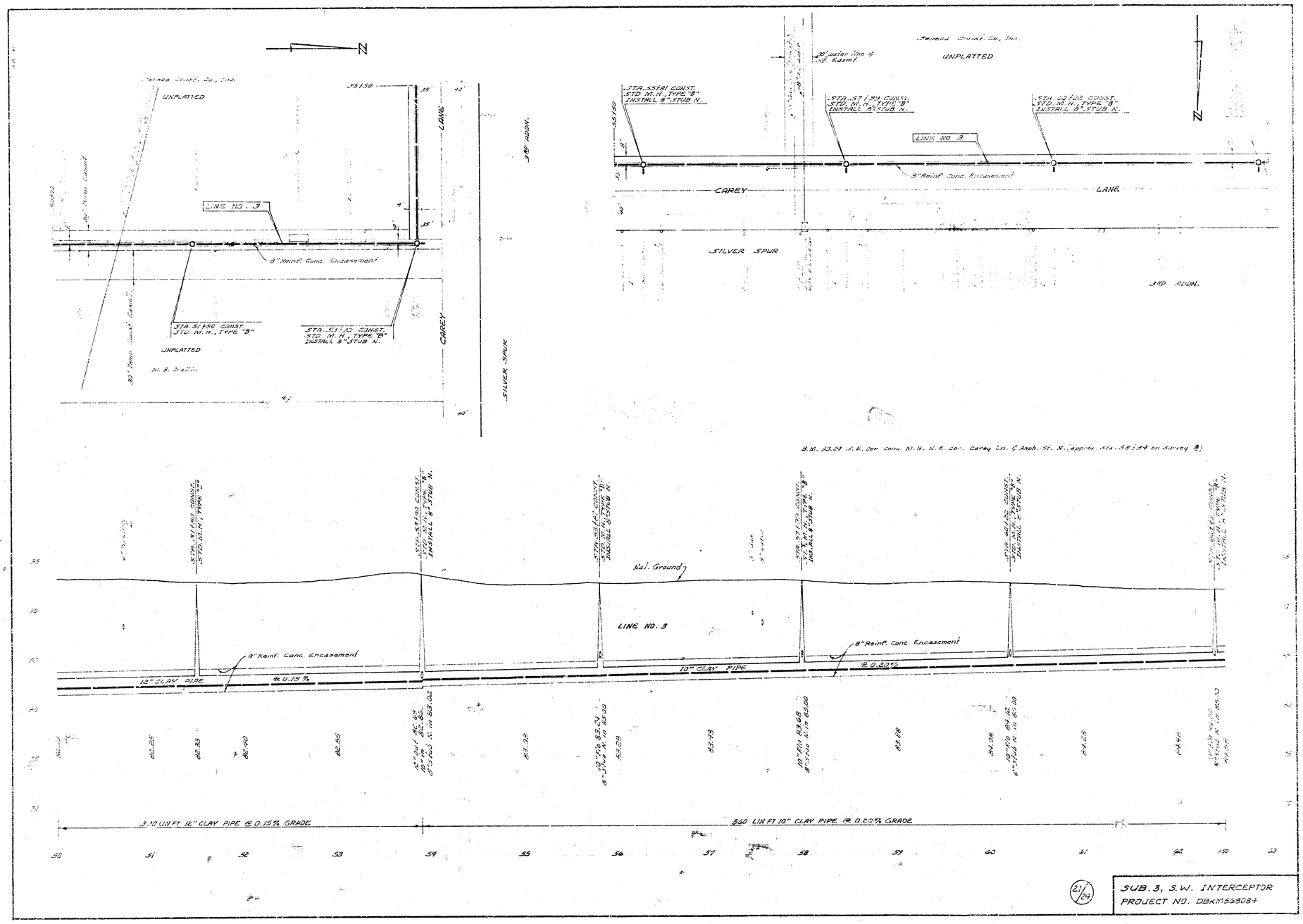
19/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568084



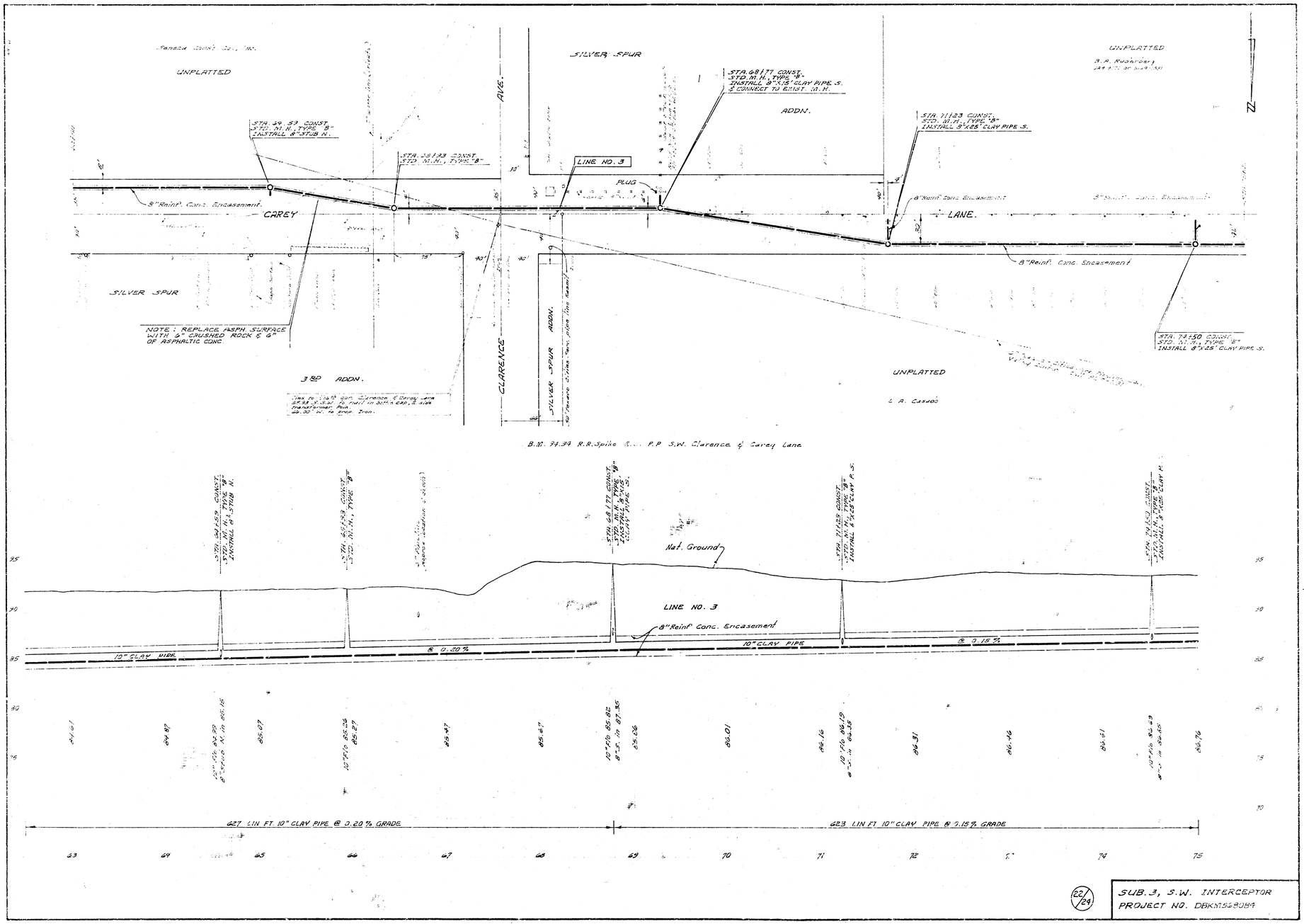
20/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM562084



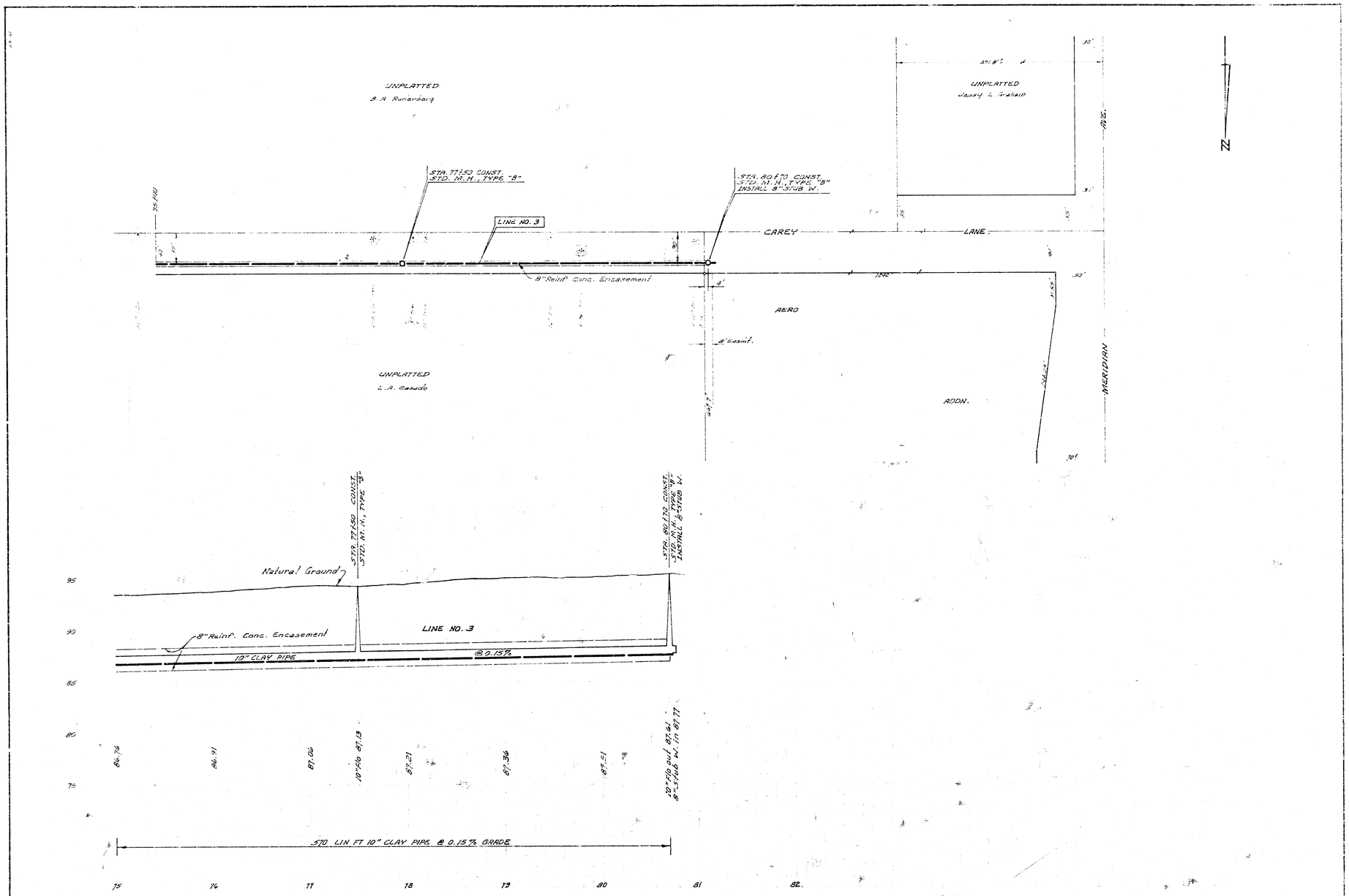
21/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM568087



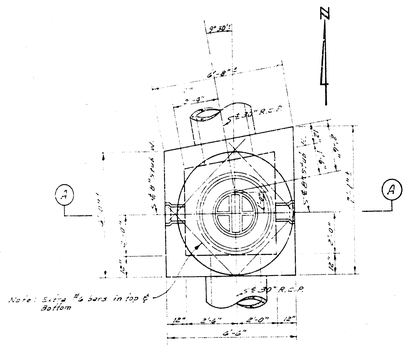
22/24

SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM5680B9

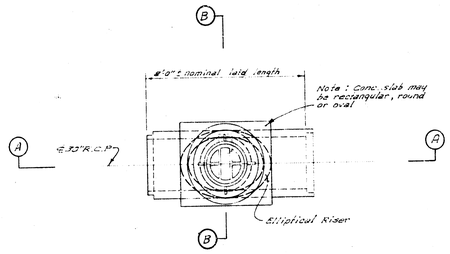


23/24

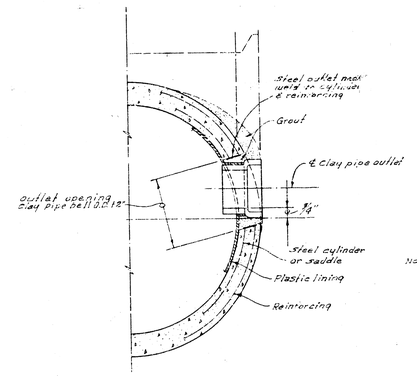
SUB. 3, S.W. INTERCEPTOR
PROJECT NO. DBKM5680A-7



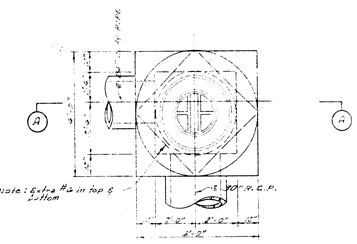
PLAN
Scale 3/8"=1'-0"



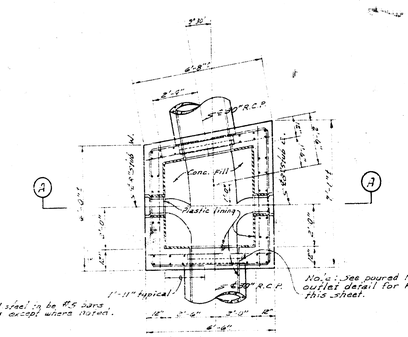
PLAN
Scale 3/8"=1'-0"



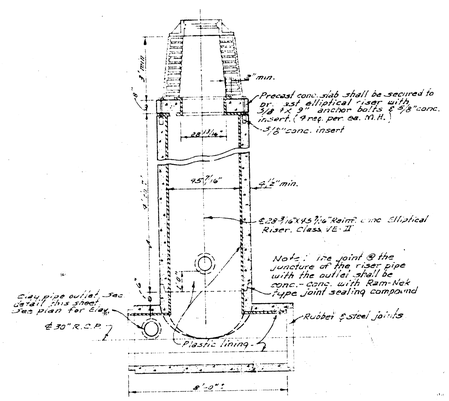
CLAY PIPE OUTLET DETAIL FOR STRUCTURAL TEE TYPE MANHOLES
No Scale



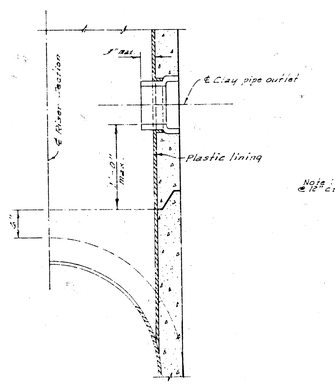
PLAN
Scale 3/8"=1'-0"



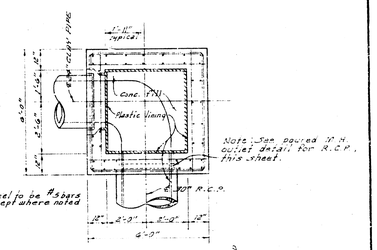
SECTION
Scale 3/8"=1'-0"



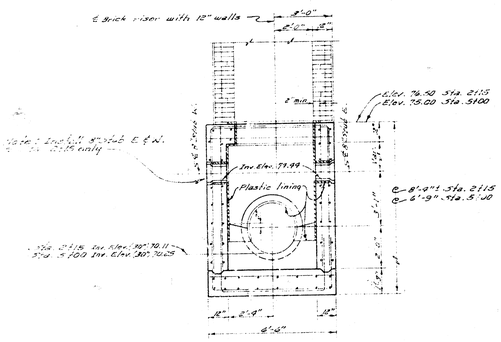
SECTION AA
Scale 3/8"=1'-0"



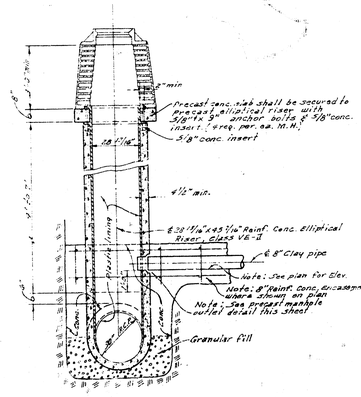
PRECAST MANHOLE OUTLET DETAIL IN RISER SECTION
NO Scale



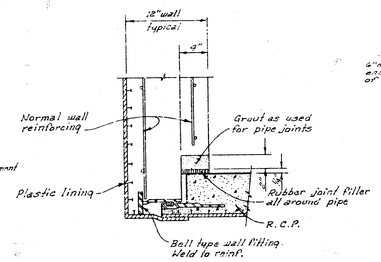
SECTION
Scale 3/8"=1'-0"



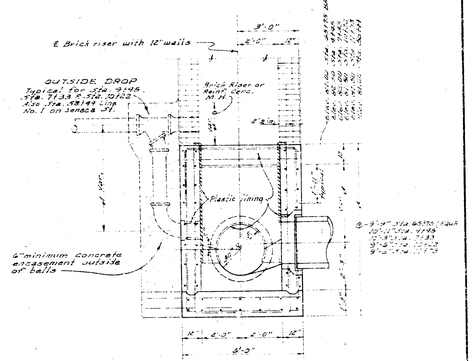
SECTION AA
ALTERNATE CONC. M.H. FOR STA. 2115 & 5100 LN. NO. 1
Scale 3/8"=1'-0"



SECTION BB
ALTERNATE PRECAST CONC. M.H. FOR 30" R.C.P.
Scale 3/8"=1'-0"



POURED MANHOLE OUTLET DETAIL FOR R.C.P.
Scale 1 1/2"=1'-0"



SECTION AA
ALTERNATE CONC. M.H. FOR STA. 9175, STA. 9145, STA. 9133, STA. 9122 & STA. 11173, LN. NO. 1, ON 45th ST.
ALSO STA. 58149 LINE NO. 1 ON SENECA ST.
Scale 3/8"=1'-0"

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SUB. 3, S.W. INTERCEPTOR
PROJ. NO. DBKM568084

14 5 3