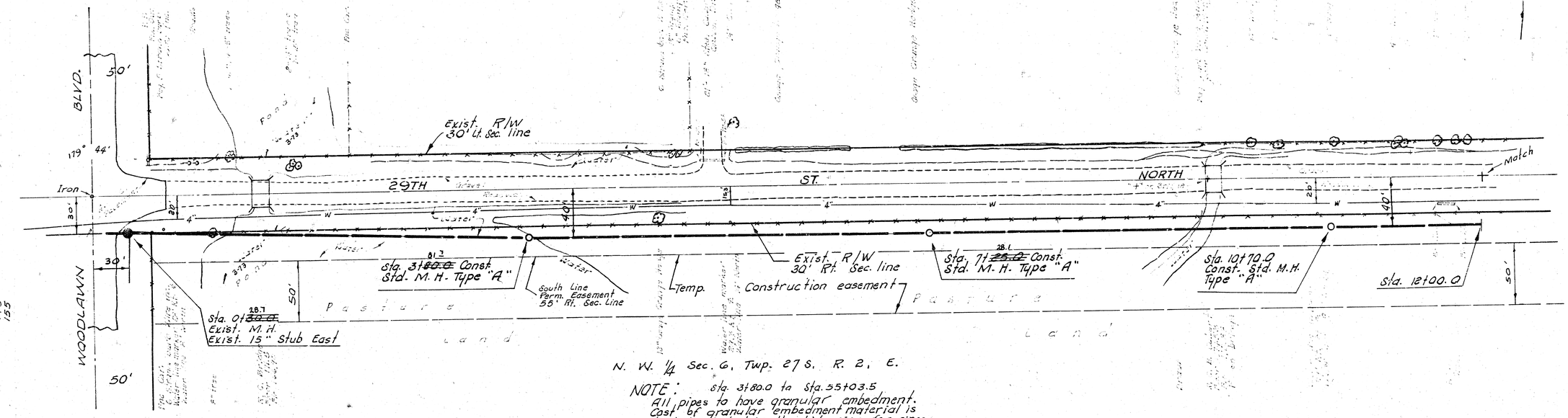
TIES TO IRON ℄ 29TH. ST. NO. & ℄ WOODLAWN BLVD.
58.05' SE to 3-Nail in W-face car. post.
51.00' SW to "+" on conc. headwall.
51.03' NW to "+" on conc. headwall.
49.69' NW to nail in pop cap NE face R.P.
56.35' NE to nail in pop cap SE face R.P.

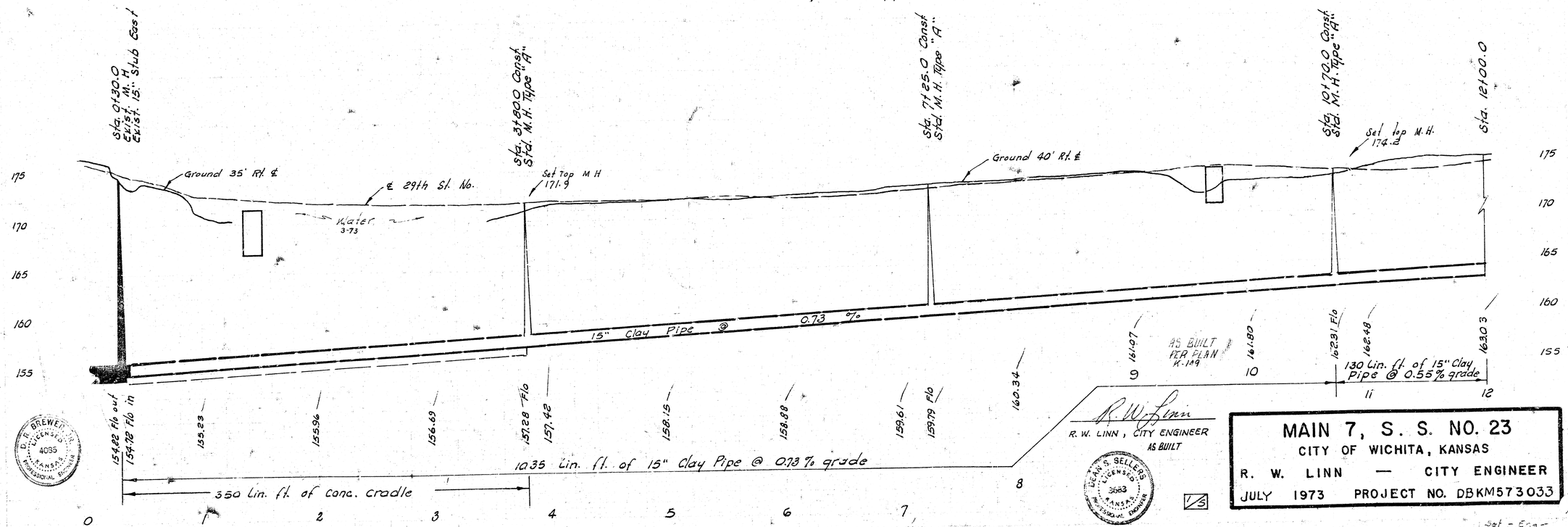
B. M. 175.85 City Std. "n" top N. Headwall R.C.B. 49² W. 17' N. of Both Woodlawn Blvd. and 29th. St. North.

B. M. 175.28 "a" on W-End N. Headwall R.C.B. 964' E. of Woodlawn on 29th. St. North.



N. W. ¼ Sec. 6, Twp. 27 S., R. 2, E.

NOTE: Sta. 3+80.0 to Sta. 55+03.5
All pipes to have granular embedment.
Cost of granular embedment material is to be included in the bid price for pipes.



D. R. BREWER LICENSED 4035 KANSAS PROFESSIONAL ENGINEER

R. W. LINN, CITY ENGINEER
AS BUILT

D. E. SELLERS LICENSED 3883 KANSAS PROFESSIONAL ENGINEER

1/5

MAIN 7, S. S. NO. 23

CITY OF WICHITA, KANSAS

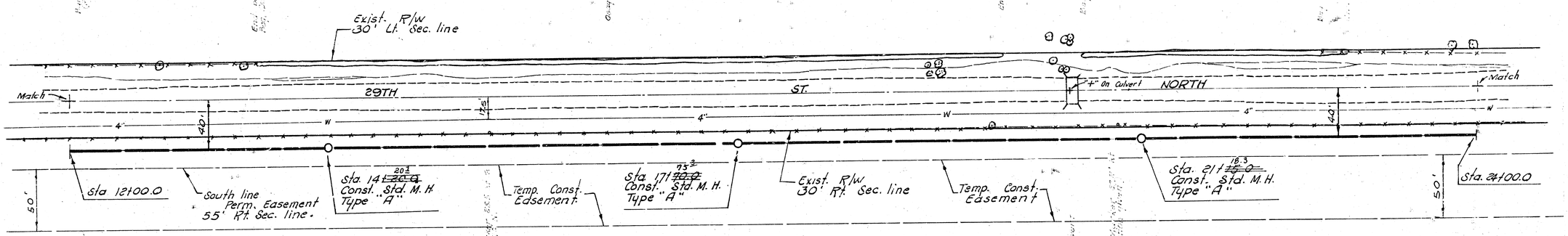
R. W. LINN — CITY ENGINEER

JULY 1973 PROJECT NO. DBKM573033

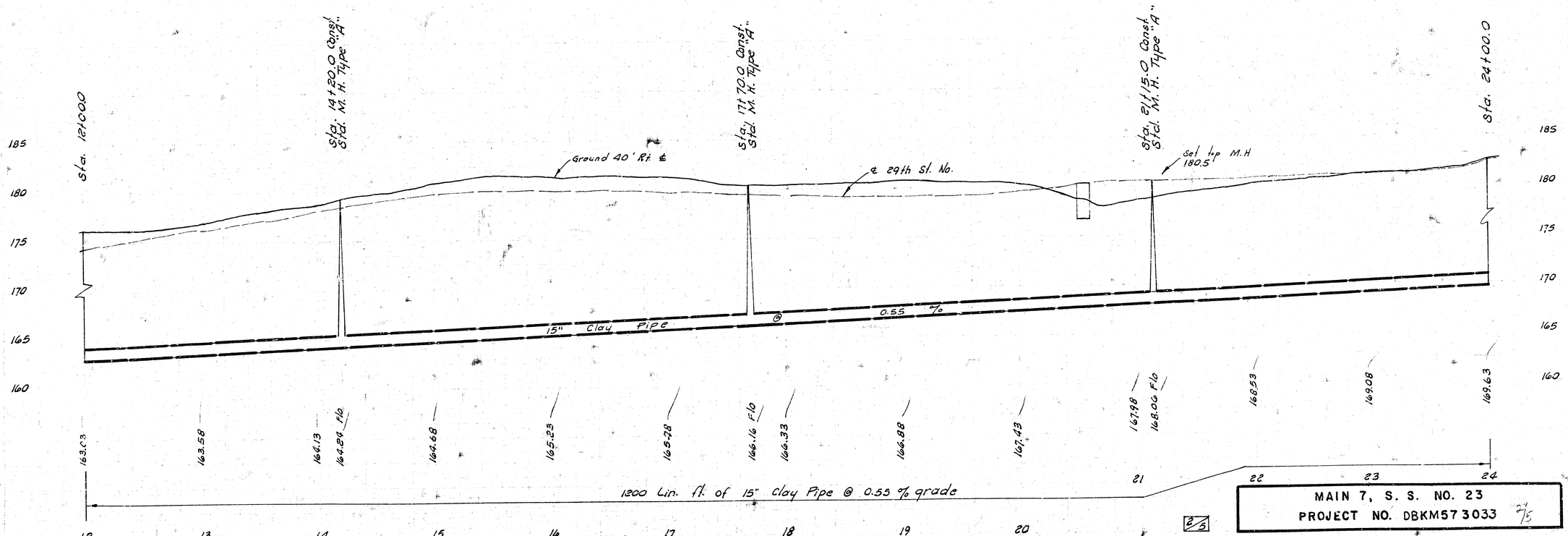
1/5

Set - Engr
Set - Contractor

B. M. 181.09 "D" on W. end N. headwall R.C.B. 2053' E. of Woodlawn on 29th St. North.

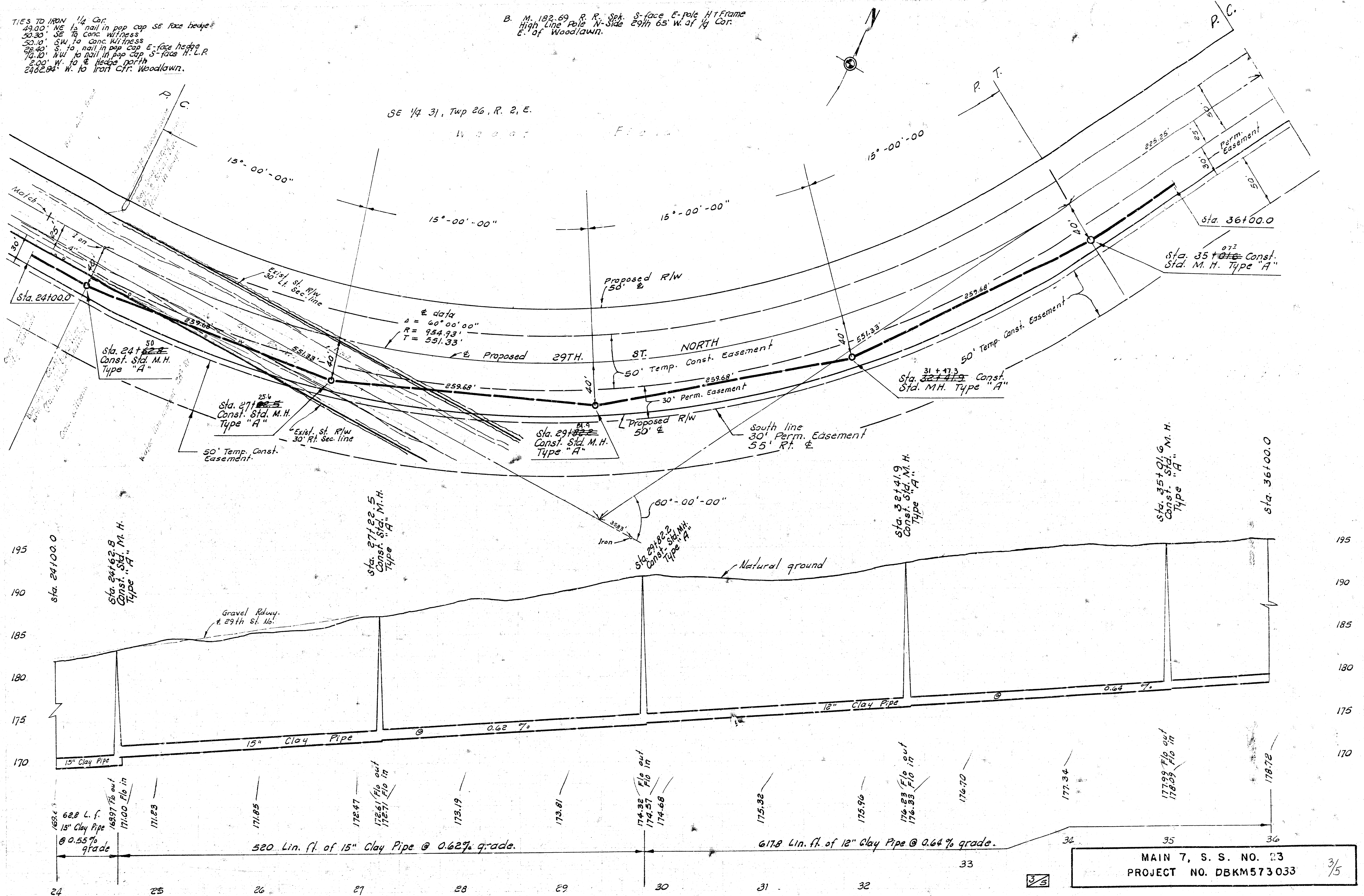


NW ¼ Sec. 6. Twp. 27S, R. 2, E.



MAIN 7, S. S. NO. 23
PROJECT NO. DBKM573033

2/5


TIES TO IRON 1/4 Cor.
49.00' NE to nail in pop cap SE face hedge
50.30' SE to Conc. witness
50.10' SW to conc. Witness
28.40' S. to nail in pop cap E-face hedge
74.10' NW to nail in pop cap S-face H.L.P.
2.00' W. to ℄ Hedge north
2462.84' W. to Iron Cfr. Woodlawn.
B. M. 182.69 R. R. Spk. S-face E-pole H Frame High Line Pole N-Side 29th 65' W. of 1/4 Cor. E. of Woodlawn.
N
SE 1/4 31, Twp 26, R. 2, E.
P. C.
P. T.
P. C.
15°-00'-00"
15°-00'-00"
15°-00'-00"
15°-00'-00"
Match
Sta. 24+00.0
Sta. 24+62.8 50 Const. Std. M.H. Type "A"
Sta. 27+22.5 25.6 Const. Std. M.H. Type "A"
Exist. St. R/W 30' Lt. Sec. line
Exist. St. R/W 30' Rt. Sec. line
50' Temp. Const. Easement
℄ data
Δ = 60°00'00"
R = 954.93'
T = 551.33'
℄ Proposed 29TH. ST. NORTH
Proposed R/W 50' ℄
50' Temp. Const. Easement
30' Perm. Easement
Proposed R/W 50' ℄
Sta. 29+82.2 84.9 Const. Std. M.H. Type "A"
South line 30' Perm. Easement 55' Rt. ℄
Sta. 32+41.9 31+47.3 Const. Std. MH. Type "A"
50' Temp. Const. Easement
Sta. 35+01.6 07.2 Const. Std. M.H. Type "A"
Sta. 36+00.0
225.25'
Perm. Easement
259.68'
551.33'
40'
50'
25'
30'
60°-00'-00"
3583'
Iron
sta. 24+00.0
sta. 24+62.8 Const. Std. M.H. Type "A"
sta. 27+22.5 Const. Std. M.H. Type "A"
sta. 29+82.2 Const. Std. M.H. Type "A"
sta. 32+41.9 Const. Std. M.H. Type "A"
sta. 35+01.6 Const. Std. M.H. Type "A"
sta. 36+00.0
195
190
185
180
175
170
Gravel Rdwy. ℄ 29th St. No.
Natural ground
15" Clay Pipe
15" Clay Pipe @ 0.62 %
12" Clay Pipe @ 0.64 %
169.63
169.97 Flo out
171.00 Flo in
171.23
171.85
172.47
172.61 Flo out
172.71 Flo in
173.19
173.81
174.32 Flo out
174.57 Flo in
174.68
175.32
175.96
176.23 Flo out
176.33 Flo in
176.70
177.34
177.99 Flo out
178.09 Flo in
178.72
62.8 L.f. 15" Clay Pipe @ 0.55% grade
520 Lin. ft. of 15" Clay Pipe @ 0.62% grade.
617.8 Lin. ft. of 12" Clay Pipe @ 0.64 % grade.
24
25
26
27
28
29
30
31
32
33
34
35
36
3/5
MAIN 7, S. S. NO. 23
PROJECT NO. DBKM573033
3/5

60° 00' 00"

Set Iron

Proposed R/W 50' ℄

551.33'

℄ data
Δ = 60°-00' 00"
R = 454.93'
T = 551.33'

Top of terrace
Bot. of terrace
Fill or terrace

29TH. ST. NORTH

Proposed 30' Perm. Easement

35'

238.80'

Proposed R/W 50' ℄

P. C.

P. T.

50' Temp. Const. Easement.

65'

239.55'

Sta. 39 ~~706.4~~ 70.2
Const. Std. M.H.
Type "A"

50' Temp. Const. Easement.

Sta. 42 ~~852.2~~ 138
Const. Std. M. H.
Type "A"

53.4
Sta. 44 ~~740~~
Const. Std. M. H.
Type "A"

239.55'

40'

65'

10'

Temp. Const. Easement.

South line 30' Perm. Easement 55' Rt. of ℄

15°-00'-00"

15°-00'-00"

15°-00'-00"

Sta. 37 ~~660~~ 31.6
Const. Std. M. H.
Type "A"

40'

50'

25'

30'

50'

Sta. 36+00.0

92.6
Sta. 46 ~~235~~
Const. Std. M.H.
Type "A"

Temp. Const. Easement

Perm. Easement

SE 1/4 Sec. 31 Twp 26 S, R. 2, E.

Sta. 36+00.0

Sta. 37+96.8 Const. Std. M. H. Type "A"

Sta. 39+66.4 Const. Std. M. H. Type "A"

Sta. 42+05.2 Const. Std. M. H. Type "A"

Sta. 44+40 Const. Std. M. H. Type "A"

Sta. 46+83.5 Const. Std. M.H. Type "A"

Natural ground

Natural ground

200
195
190
185
180

12" Clay Pipe @ 0.64 % 10" Clay Pipe @ 1.056 %

118.72
179.36
179.54 Flo out
179.64 Flo in
180.10
180.74
181.17 Flo out
181.27 Flo in
181.48
182.12
182.80 Flo out
182.97 Flo in
183.97
185.03
185.49 Flo out
185.59 Flo in
186.18
187.24
188.12 Flo out
188.22 Flo in

605.2 Lin. ft. of 12" Clay Pipe @ 0.64 % grade.

478.3 Lin. ft. 10" Clay Pipe @ 1.056 % grade

46

36 37 38 39 40 41 42 43 44 45 4/5

MAIN 7, S. S. NO. 23
PROJECT NO. DBKM573033

4/5

T. B. M. 211.89 R. R. Spk. W-face fc. post E-Side Rock Road 1175' N. of 29th.

B. M. 213.91 "D" cut on conc. base fence post SW cor. Rock Road & 29th St. North.

GENERAL NOTES

1. SAND BACKFILL SHALL BE FLUSHED AND VIBRATED IN 6' LIFTS. THE COST OF THE SAND BACKFILL, FLUSHING, VIBRATING, AND ALL NECESSARY INCIDENTALS SHALL BE INCLUDED IN THE PRICE BID PER LINEAL FOOT FOR PIPE FOR THE VARIOUS SIZES.

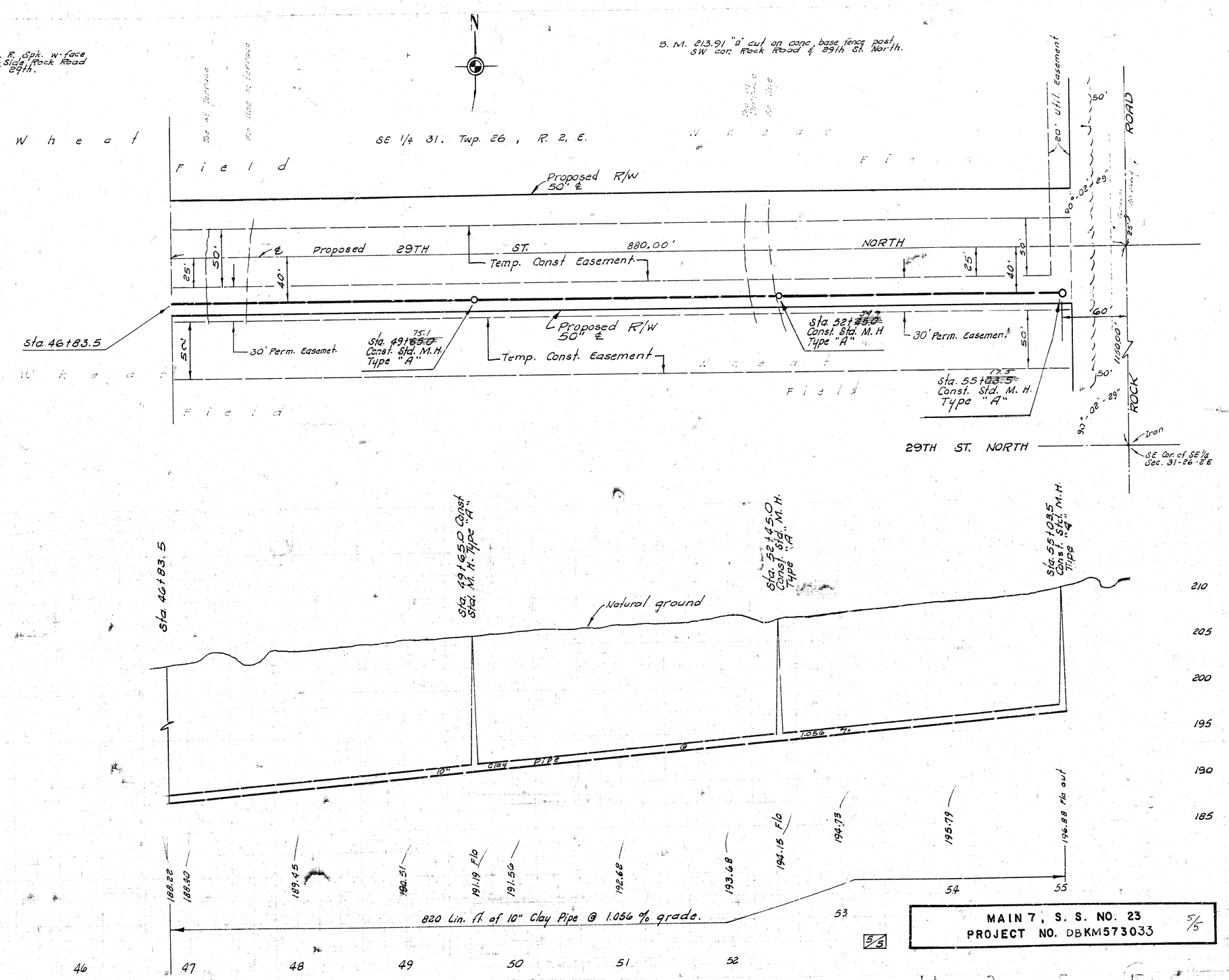
2. THE USE OF WYO-BOND BENTONITE AS MANUFACTURED BY ARCHER DANIELS MIDLAND CO., OR AND APPROVED EQUAL WILL BE REQUIRED AS A MIXTURE WITH THE BACKFILL MATERIAL AT THE LOCATION OF ALL MANHOLES. THE AMOUNT OF BENTONITE REQUIRED SHALL RANGE BETWEEN 40 TO 80 LBS. PER MANHOLE LOCATION AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT SHALL BE MADE FOR THIS WORK. THE COST OF MATERIAL AND NECESSARY INCIDENTALS TO COMPLETE THIS WORK SHALL BE INCLUDED IN PRICE BID PER MANHOLE.

3. THE OUTSIDE SURFACES OF ALL BRICK MANHOLES SHALL BE DAMP-PROOFED. MATERIAL REQUIRED SHALL BE BITUMASTIC SUPER SERVICE BLACK OR BITUMASTIC #50 AND PRIMER AS MANUFACTURED BY KOPPERS CHEMICALS & COATINGS OR AN APPROVED EQUAL. THE COST OF THIS WORK SHALL BE INCLUDED IN PRICE BID PER MANHOLE.

4. FIELD ENGINEER TO TAKE TIES TO ALL IRONS AND REPLACE IF IN CONSTRUCTION AREA.

5. GRANULAR EMBEDMENT MATERIAL SHALL BE 6" IN THICKNESS AND REQUIRED ON ALL PIPE EXCEPT WHERE CRADLE IS SPECIFIED. THE COST OF FURNISHING AND PLACING ALL EMBEDMENT MATERIAL SHALL BE INCLUDED IN THE PRICE BID PER LINEAL FOOT PIPE FOR THE VARIOUS SIZES.

6. CONTRACTOR SHALL GRADE DITCHES AND SHAPE ROADWAY. AFTER INSTALLATION OF SEWER AND PRIOR TO PLACEMENT OF ROAD GRAVEL, ALL WORK REQUIRED TO GRADE DITCHES AND SHAPE ROADWAY SHALL BE INCLUDED IN THE PRICE BID PER LINEAL FOOT OF ROAD GRAVEL.



MAIN 7, S. S. NO. 23
PROJECT NO. DBKM573033

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