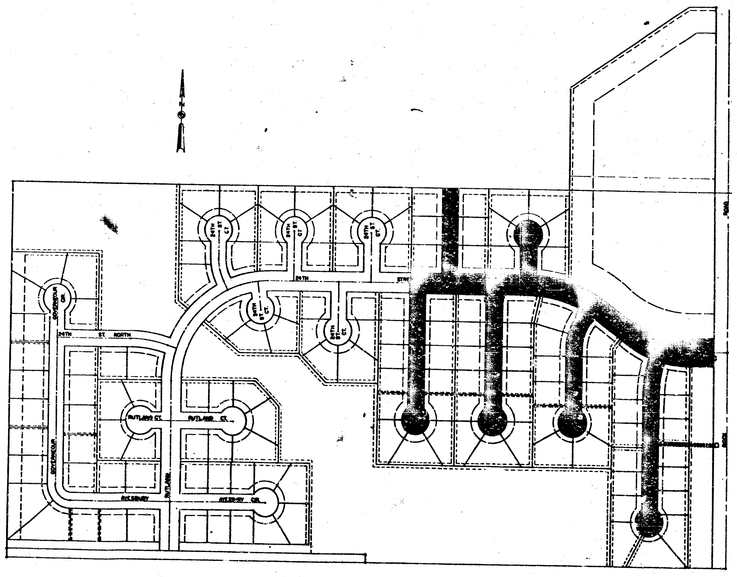
PHASE 1
STORM SEWERS IN SYCAMORE VILLAGE
THIRD ADDITION

PROJECT NO.
468-76-245-80731-000-000-008

CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE A & A-1
3	LINE A, A-2 & A-3
4	LINE B
5	DITCH PROFILE & SECTIONS
6	TYPE IA CURB INLET
7	STD. TYPE B MANHOLE DETAILS

VAN DOREN · HAZARD · STALLINGS
ARCHITECTS · ENGINEERS · PLANNERS

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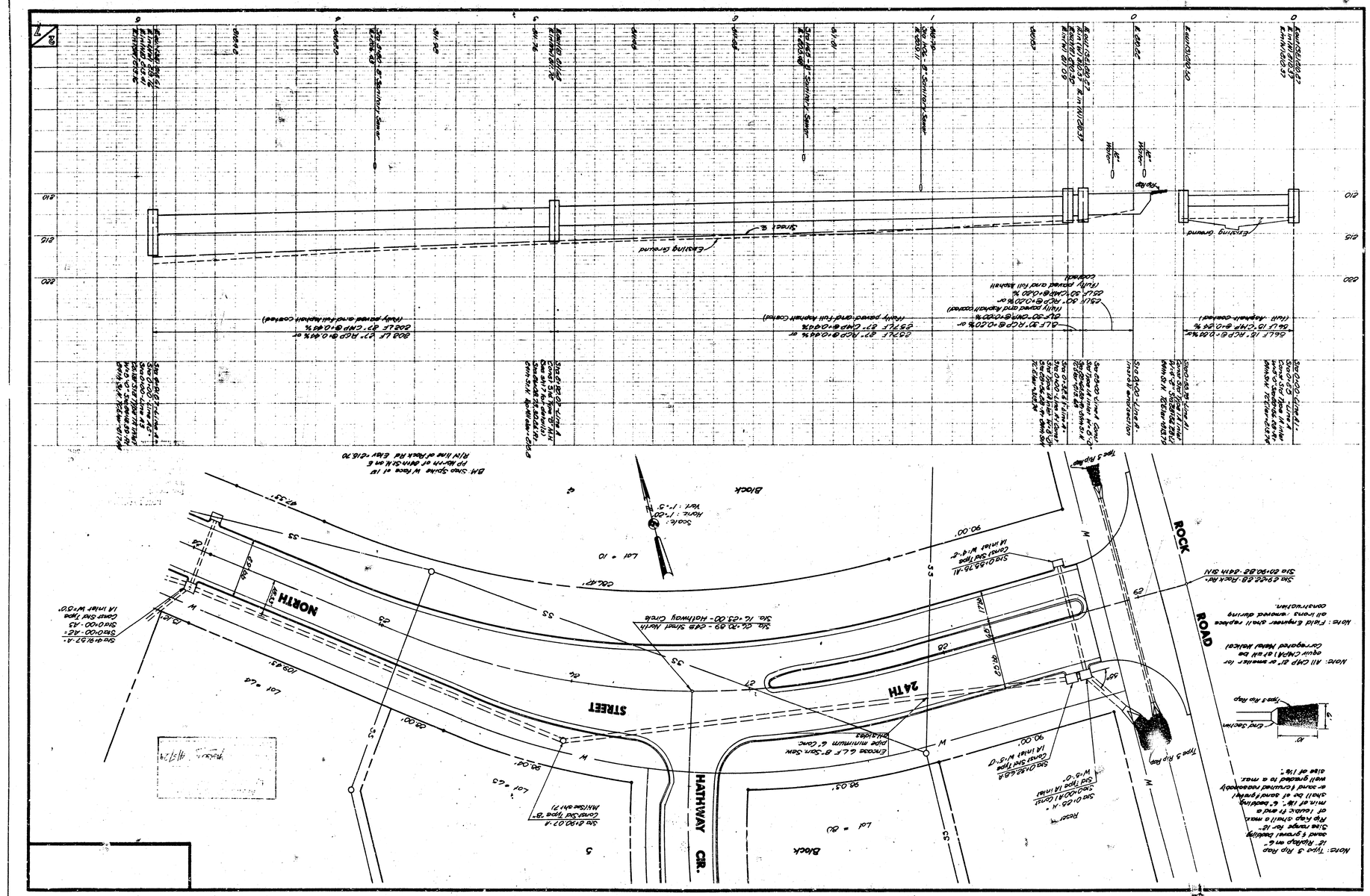
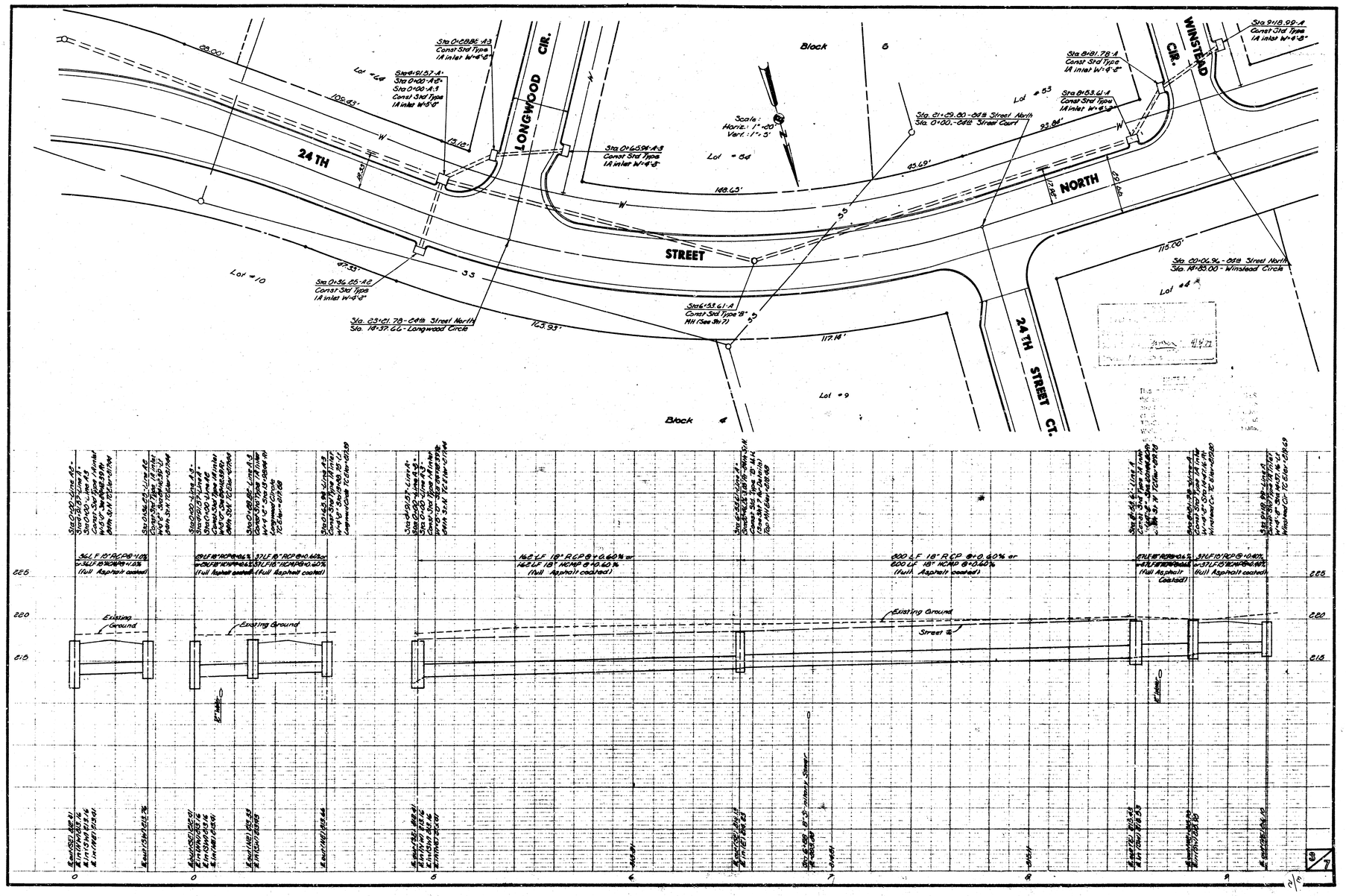

NORTH
STREET
24TH
HATHWAY CIR.
ROCK
ROAD
Block
Lot = 10
Lot = 44
Lot = 43
Lot = 63
Existing Ground
Finish Grade
Type 3 Rip Rap
Note: All CMP pipe to be smooth or equiv. CMPA 1 or 2 to be corrugated Metal Material
Note: Field Engineer shall replace all trees removed during construction.
Note: Type 3 Rip Rap at Roadway ins & at Drywell Detailing Site range for 12" Rip Rap shall a max of 18", 6" bedding or 1 course ft and a min of 18". 6" bedding shall be of sand & gravel or sand & crushed rock evenly well graded to a max size of 1/8".
Type 3 Rip Rap
End section
Type 3 Rip Rap
Excess 6 L F 8" Sch 35 PVC pipe minimum 6" Conc Blankets
Encase 6 L F 8" Sch 35 PVC pipe minimum 6" Conc Blankets
Sta 6+90.88 - Rock Rd.
Sta 20+90.88 - 24th St N
Sta 4+91.97 - A:
Sta 0+00 - A2:
Sta 0+00 - A3
Sta 0+00 Type A Inlet with 6" Conc Collar
Sta 0+00 Type A Inlet with 6" Conc Collar
Sta 1+90.07



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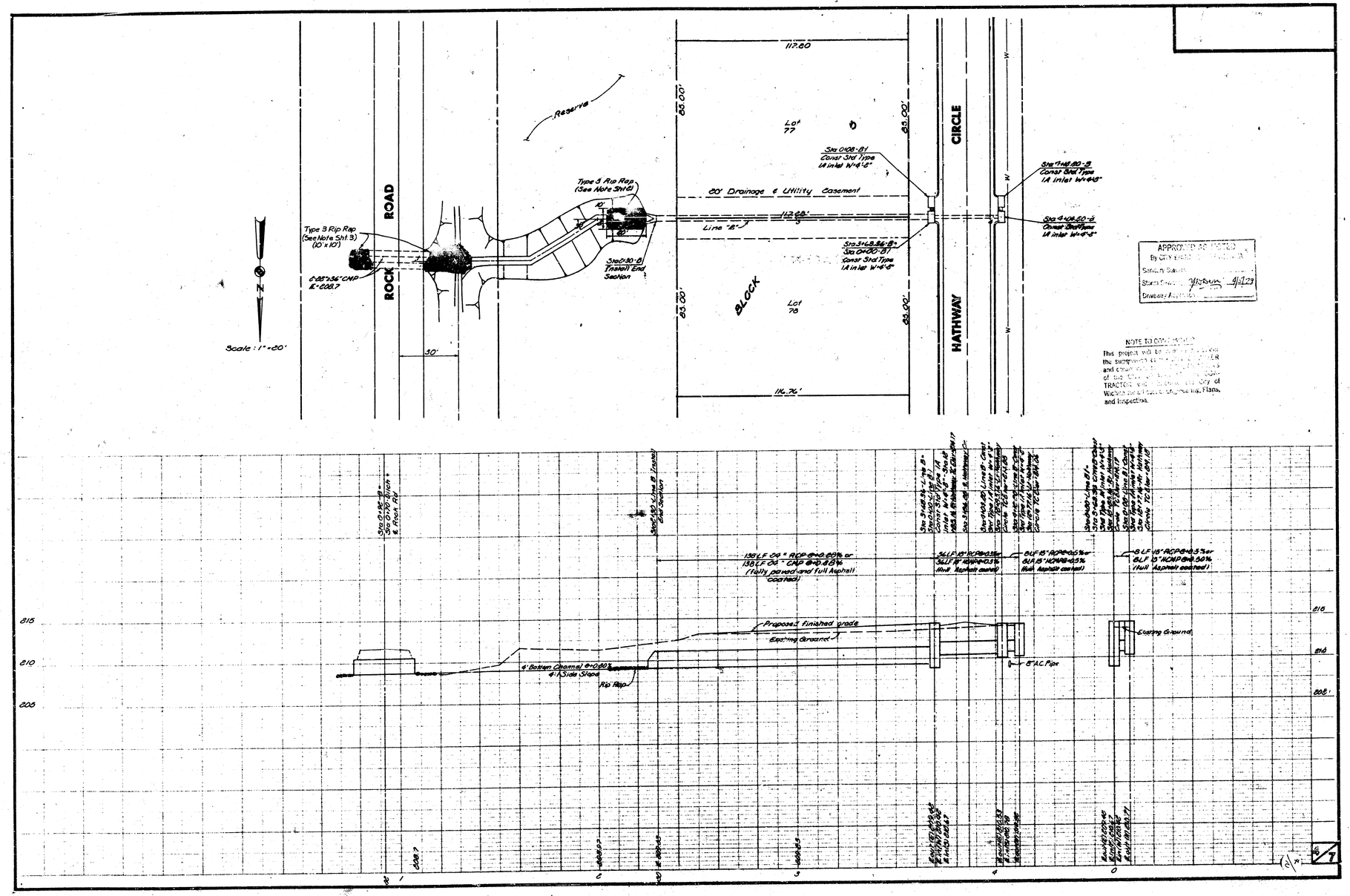
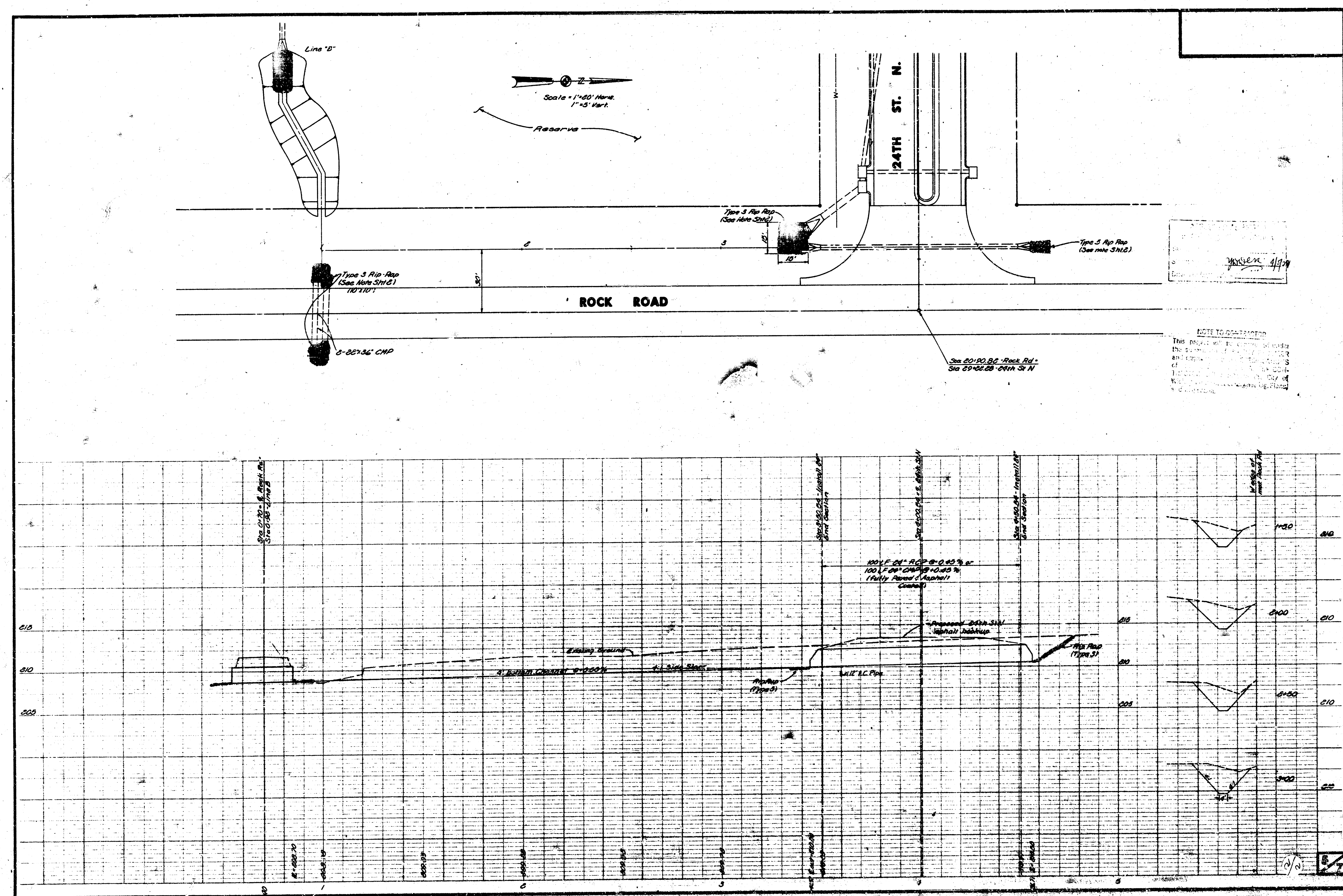

ROCK ROAD
CIRCLE
HATHWAY
BLOCK
Reserve
Lot 77
Lot 78
112.60
116.76'
65.00'
65.00'
65.00'
65.00'
30'
60' Drainage & Utility Easement
Line "B"
Type 3 Rip Rap (See Note Sht 3) (10'x10')
Type 3 Rip Rap (See Note Sht 3)
S 85°56' CMP R= 208.7
Sta 0+80.81 Asphalt End Section
Sta 0+08.81 Const Std Type 1A Inlet W=4'-2"
Sta 3+48.86 Const Std Type 1A Inlet W=4'-5"
Sta 0+00.81
Sta 7+48.80 Const Std Type 1A Inlet W=4'-5"
Sta 4+48.80 Const Std Type 1A Inlet W=4'-5"
Scale: 1"=20'
N
APPROVED AS NOTED
By CITY ENGR.
Sanitary Sewers
Storm Drains
Driveways
NOTE TO CONTRACTOR
This project will be
the superv
and cons
of the City
TRACTOR
Work on
and Inspection.
Sta 0+36.18 Sta 0+70.18 6" Prch. Rd
Sta 0+36.18 Line B Const Section
138 L.F. 24" RCP @+0.89% or 138 L.F. 24" CMP @+0.85% (fully paved and full Asphalt coated)
36 L.F. 18" RCP @+0.3% (Full Asphalt coated)
8 L.F. 15" RCP @+0.5% (Full Asphalt coated)
8 L.F. 15" RCP @+0.5% (Full Asphalt coated)
8 L.F. 18" RCP @+0.5% or 8 L.F. 18" HCMP @+0.50% (Full Asphalt coated)
Sta 0+48.18 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 1+00.80 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 1+48.80 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 2+48.80 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 3+48.80 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 0+48.80 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Sta 0+08.18 Line B Const Std Type 1A Inlet W=4'-5" Const 30° Skew 12" RCP
Proposed finished grade
Existing Ground
6' Bottom Channel @+0.80%
4:1 Side Slope
Rip Rap
6" A.C. Pipe
815
810
805
810
805
0
1
0
3
4
0


Line "B"
Scale = 1"=20' Horiz.
1"=5' Vert.
Reserve
24TH ST. N.
Type 3 Rip Rap
(See Note Sht 2)
10'
10'
Type 5 Rip Rap
(See note Sht.2)
Type 3 Rip-Rap
(See Note Sht 2)
110'x10'
30'
ROCK ROAD
2-22x36" CMP
Sta 20+90.82 -Rock Rd =
Sta 29+22.28 -24th St N
NOTE TO CONTRACTOR
Sta 0+70 = ℄ Rock Rd =
Sta 0+98 -Line B
Sta 3+50.54 -Install 24" End Section
Sta 4+00.54 = ℄ 24th St N
Sta 4+50.54 -Install 24" End Section
100 LF 24" RCP @ 0.45% or
100 LF 24" CMP @ 0.45%
(Fully Paved & Asphalt Coated)
Proposed 24th St
Asphalt Backup
Existing Ground
4' Bottom Channel @ 0.50%
4:1 Side Slope
Rip Rap
(Type 3)
12" C.C. Pipe
Rip Rap
(Type 3)
W edge of mat. Rock Rd
1+50
2+00
2+50
3+00
815
810
805
5/7