

AS BUILT 6793

SR 5 MP 174.24 TO MP 175
N.E. 145TH ST. OVER STP STAGE 1
KING COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

SCALE: HORIZ 1 INCH = 100 FEET VERT 1 INCH = 5 FEET
STATION MP 174.24 TO STATION MP 175.06 CONSTRUCTED LENGTH = 0.82 MILE
CONTRACT NO. 1626 F.A. NO. 1-3(544) 17th CONTRACTOR BUTLER CONST. & ENGR. CO.
WORK BEGAN SEPT 5 1979 WORK COMPLETED JANUARY 20 1981
PROJECT ENGINEER G.M. SAJER DISTRICT TRANSPORTATION ADMINISTRATOR J.D. ZIRKLE
APPROVED 19

SECRETARY OF TRANSPORTATION

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TITLE

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METRO STANDARD PLANS AND DETAILS

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE I
KING COUNTY

INDEX

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BALLEW

SECRETARY



R. B. Anderson

DESIGN ENGINEER

APPROVED May 25 1979

CONTRACT NUMBER 1626 SHEET 1 OF 68 SHEETS (ENCL)

6-20-79 Rev. Metro Standard Plans And Details Sheet Nos. 1-5
DATE REVISION BY

SR 5 L 4352
NE 145th St Flyer Stop Stage I
KING COUNTY
Index
Sheet 1 of 65 Sheets

DATE
BY
REVIEWED
RIGHT OF WAY CHECKED

DATE
BY
CHECKED
SUBMITTER

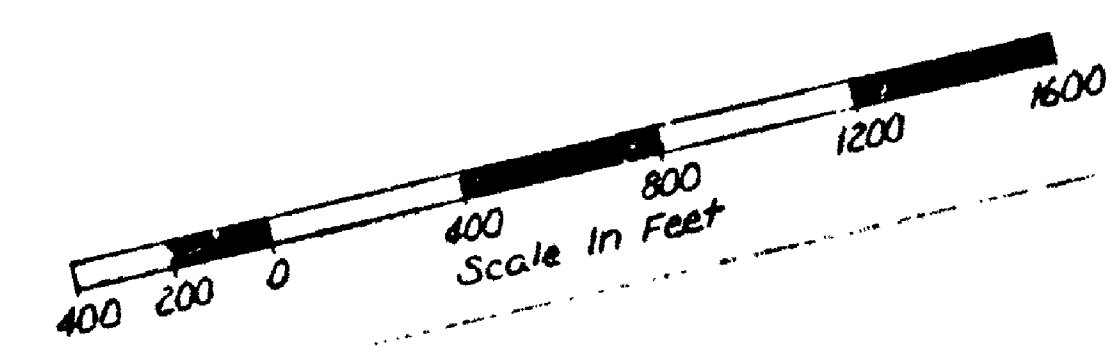
T.26N.R.4E.W.M.

STA. BL.
END OF PROJECT
END OF I-5-3(544) 174

MP 174.24
STA. BL. 131 + 35.00 P.O.T.
BEGINNING OF PROJECT
BEGINNING OF I-5-3(544) 174

LEGEND
— AREAS OF WORK
~ TRAIL
--- EXISTING BRIDGE

VICINITY MAP



FOR "AS CONSTRUCTED"
PLANS" ONLY

SR 5
MP 174.24 TO MP 175.0
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

VICINITY MAP
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY



CONTRACT NUMBER 1626

APPROVED May 23
2000

SR 5

LENGTH: NO LENGTH

| ITEM NO. | TOTAL QUANTITY | UNIT | ITEM |
|-----------|----------------|------|---|
| 1 | Lump Sum | L.S. | Mobilization |
| 2 | Lump Sum | L.S. | Removal Of Structure And Obstruction |
| 3 | 6000 | S.Y. | Removing Sod |
| 4 | 1195 | L.F. | Removing Beam Guard Rail |
| 5 | 3 | Each | Removing Beam Guard Rail Anchor Type 1 |
| 6 | 710 | L.F. | Removing Paint Striping |
| 7 | 4.3 | Hund | Removing Lane Marker |
| 8 | 1245 | L.F. | Removing Chain Link Fence |
| GRADING | | | |
| 9 | 5237 | C.Y. | Roadway Excavation Including Haul |
| 10 | 54,770 | Ton | Gravel Borrow Including Haul |
| 11 | 29,600 | C.Y. | Embankment Compaction |
| DRAINAGE | | | |
| 12 | 817 | C.Y. | Ditch Excavation Including Haul |
| 13 | 3 | Each | Grate Inlet Type 1 Or 2 |
| 14 | 10 | L.F. | Asphalt Concrete Spillway |
| 15 | 553 | L.F. | Special Gutter |
| 16 | 5 | C.Y. | Hand Placed Riprap |
| 17 | 3117 | L.F. | Underdrain Pipe 6 In Diameter |
| 18 | 1700 | L.F. | Drain Pipe 6 In Diameter |
| 19 | 566 | L.F. | Schedule A Culvert Pipe 12 In Diameter |
| 20 | 50 | L.F. | Schedule A Culvert Pipe 18 In Diameter |
| SEWER | | | |
| 21 | 1 | Each | Manhole Under 12 Feet 72 Inch Diam. |
| 22 | 13 | Each | Catch Basin Type 1 |
| 23 | 4 | Each | Catch Basin Type 2 |
| 24 | 20 | Each | Special Catch Basin |
| 25 | 960 | L.F. | Testing Sewer Pipe |
| 26 | 407 | L.F. | Class II Reinforced Concrete Sewer Pipe 12 Inch Diam. |
| 27 | 534 | L.F. | Class II Reinforced Concrete Sewer Pipe 18 Inch Diam. |
| 28 | 36 | L.F. | Class II Reinforced Concrete Sewer Pipe 24 Inch Diam. |
| STRUCTURE | | | |
| 29 | 490 | C.Y. | Structure Excavation Class A |
| 30 | Lump Sum | L.S. | Shoring And Cribbing Or Extra Excavation Class A |
| 31 | 1201 | C.Y. | Gravel Backfill For Wall |
| 32 | 46,030 | Lb. | Steel Reinforcing Bar For Structure |
| 33 | 815 | C.Y. | Concrete Class B For Structure |
| SURFACING | | | |
| 34 | 15,48 | Ton | Crushed Surfacing Top Course |

NOTE: For special features see special provisions

| I-5-3 (544) 174 | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|---------------|-------------|---------------|-----------------------|--------------|---|---------|---------|------------|------------|------------|------------|--------------------|--------------------------------------|--------------------|--|--|--|--|--|--|--|--|--|
| GROUP 1 | | | | | | | | | GROUP 2 | | | | GROUP 3 | GROUP 4 | GROUP 5 | | | | | | | | | | |
| T-S Line | Rel. 145-S Line | 145-T Line | T-N Line | T-145 Line | Rel. 145-N Line | BL Line | NE 145th Street And NE 145th To 5th Ave. NE Conn. | Detours | | Trail A | Trail B | Trail C | Trail D | Erosion Control | Metro Agreement No. GC 5502 | E.E.O. Training | | | | | | | | | |
| L.S. | L.S. L.S. | L.S. | L.S. | L.S. | L.S. L.S. | L.S. L.S. | L.S. | L.S. | | L.S. | L.S. | L.S. | L.S. | L.S. | | | | | | | | | | | |
| | | | 3530 | 970 | | | | | | 750 | 750 | | | | | | | | | | | | | | |
| | 620 1 | | | | | 445 2 | 130 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 710 | | | | | | | | | | | | | | | | | |
| | | | | | | 4.3 | 1245 | | | | | | | | | | | | | | | | | | |
| 2227 | 611 | | 658 | 37 | 373 | 274 | 414 | | | 326 | 40 | | 2.7 | | | | | | | | | | | | |
| 47320 | | | 2960 | 1780 | | 1190 | 430 | | | 500 | 520 | | 70 | | | | | | | | | | | | |
| 25,580 | | | 1600 | 960 | | 640 | 230 | | | 270 | 280 | | 40 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 817 1 | | | | | | | | | | | | | | | | | | | |
| | 10 | | 1 | | 1 | 218 | | | | 185 | | | 150 | | | | | | | | | | | | |
| | | | | | | | 1 | | | 4 | | | | | | | | | | | | | | | |
| 982 | 469 | | 193 | | | 526 | | | | 283 | | | 664 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 545 | 40 | | 80 | | | 344 | | | | 190 | 75 | 188 | 238 | | | | | | | | | | | | |
| 185 | 42 | | 97 | | | 122 | 120 | | | | | | | | | | | | | | | | | | |
| | | | | 50 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1 | | 1 | | | 1 | 4 | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | 3 | 4 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | 20 | | 4 | 866 | 24 | | | 5 | 2 | 4 | 7 | | | | | | | | | | | | |
| 26 | | | | | | 350 | 31 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | 504 | | | | | | | | | | | | | | | | | | | |
| | | | 20 | | 4 | 12 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 253 | | | 237 | | | | | | | | | | | | | | | | | | | | | | |
| L.S. | | | | | | | | | | | | | L.S. | | | | | | | | | | | | |
| 635 | 186 | | 77 | | | 303 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24,840 | 9140 | | 3430 | | | 8620 | | | | | | | | | | | | | | | | | | | |
| 355 | 214 | | 78 | | | 148 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1370 | 522 | 135 | 1104 | 350 | 965 | | 226 | 40 | | 62 | 45 | 42 | 87 | | | | | | | | | | | | |
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FOR "AS CC" STRUCTURED
PLANS" ONLY

SR 5 **MP 174.24 TO MP 175.06**
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

SUMMARY OF QUANTITIES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. BULLEY

SECRET



CONTRACT NUMBER 1626

APPROVED May 25 1973
SHEET 3 OF 68 SHEETS

509 2350

| REGION NO. | STATE | FED. AID PROJECT NO. | SHEET NO. |
|------------|----------|----------------------|-----------|
| 79W053 | 10 WASH. | I-5-3 (544) 174 | 4 of 68 |

[illegible]

NOTE: For special features see special provisions

| | | |
|---------|---|-----|
| 6-20-79 | Rev. Beam Guard Rail Anchor Type I Quantities | J K |
| DATE | REVISION | BY |

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

SUMMARY OF QUANTITIES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

W. A. BULLEY

SECRET



CONTRACT NUMBER 1626 APPROVED May 25, 1975
SHEET 4 OF 68 SHEETS

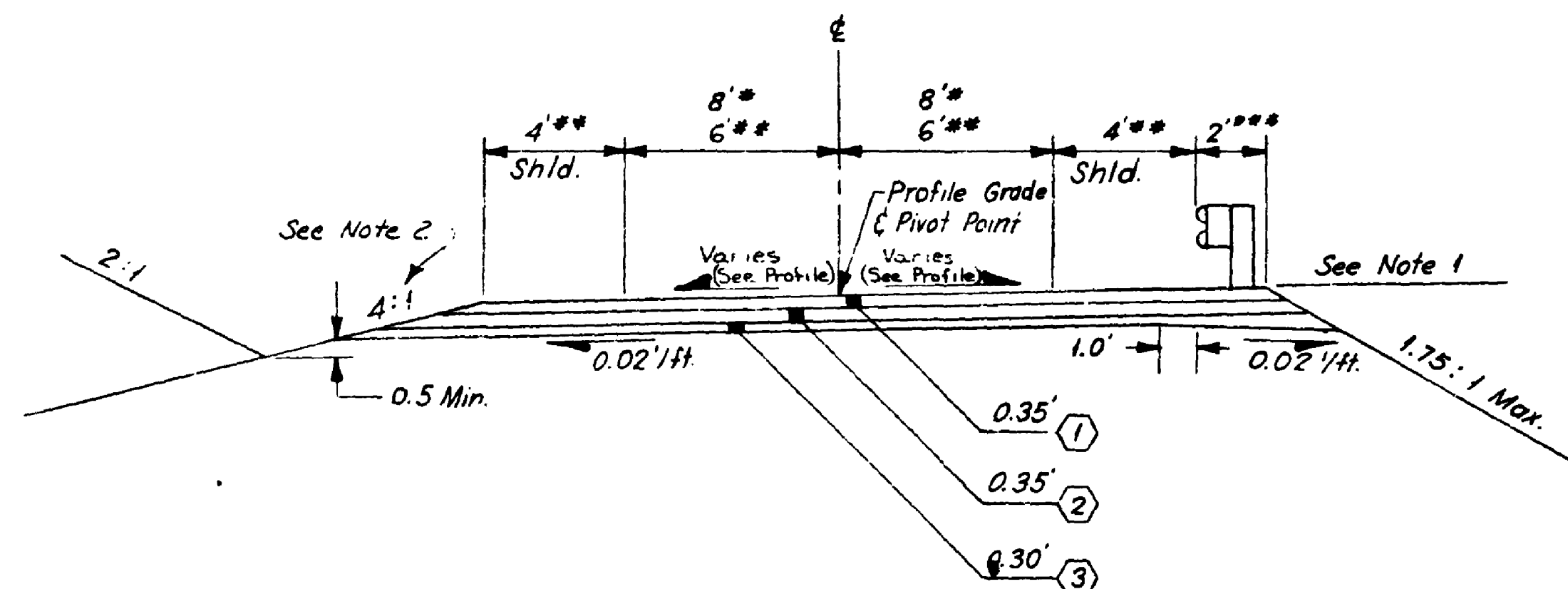
SR 5

| REGION NO. | STATE | FED. AID PROJECT NO. | SHEET NO. |
|------------|-------|----------------------|-----------|
| 10 | WASH. | I-5-3(544)174 | 5 of 6 |

GROUP 5

[illegible]

SR 5 2350

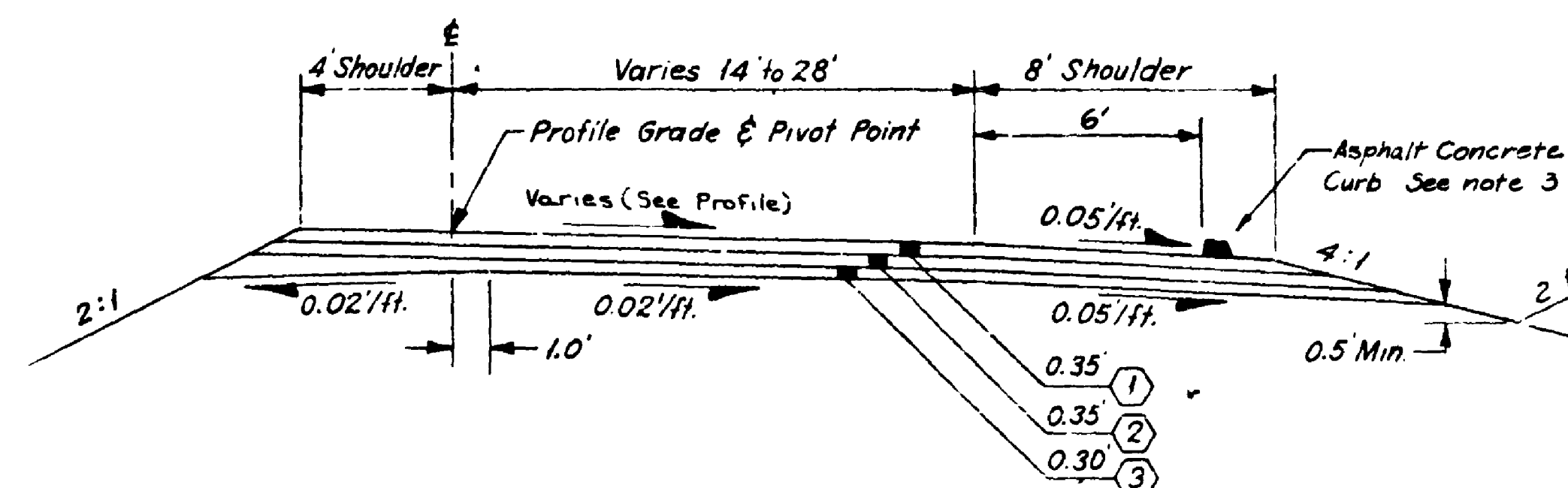


ROADWAY SECTION A

T-S 9+03.91 to 14+02.89
T-S 17+02.89 to 23+47.01
T-N 10+40.00 to 16+65.00 (Section Reversed)
T-N 18+65.00 to 22+15.49 (Section Reversed)
145-T 0+00 to 1+87.18 (Section Reversed)
* T-145 0+00 to 4+64.65

NOTES

1. For 145th - T Line Match Pavement Slope
* T-145 0+00 to 4+64.65
** Varies, See Paving Plan
*** T-S 13+00 to 17+02.89
2. See Metro Standard Plans
3. Rel 145-S 139+75 to 144+33.74
4. NE 145 Westbound 3+26.38 to 3+80
4+30 to 5+00

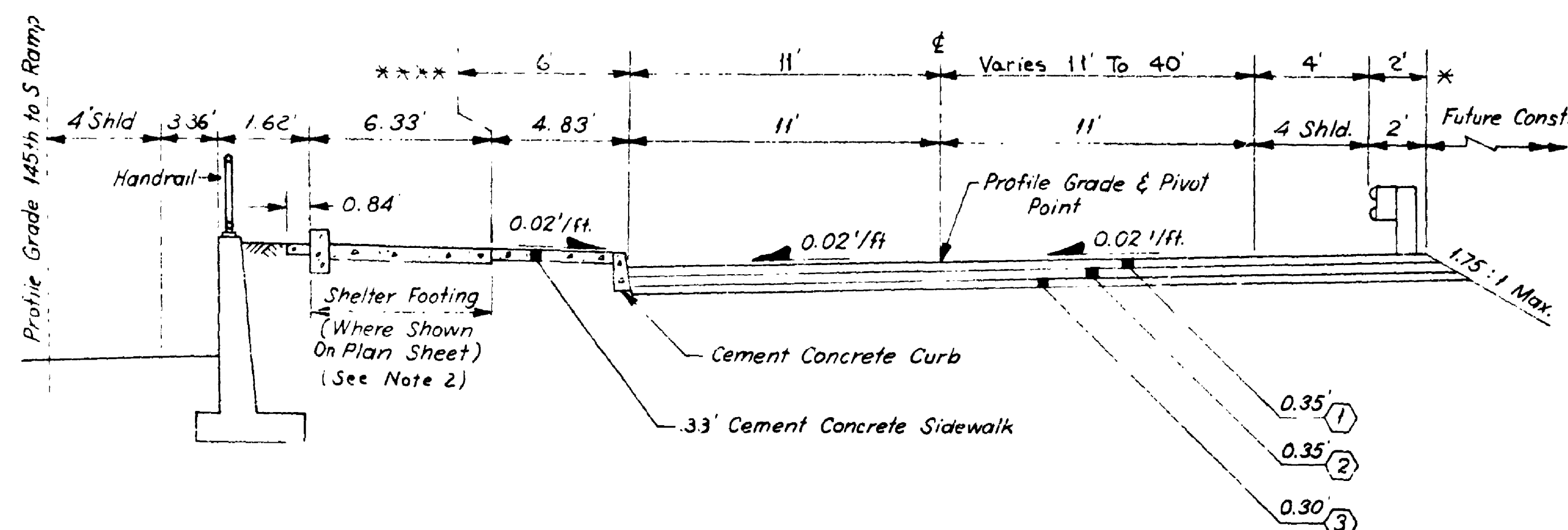


ROADWAY SECTION B

Rel. 145th - N 1+71.46 to 5+16.87
Rel. 145th - S 138+25 to 144+33.74 (Section Reversed)

ALTERNATE SHOULDER SECTION

BL 136+65 to REL 145-S 139+75
T-S 17+20 to T-S 21+00 LT
~~T-S 21+75 to T-S 22+52 LT~~
See Drainage Details

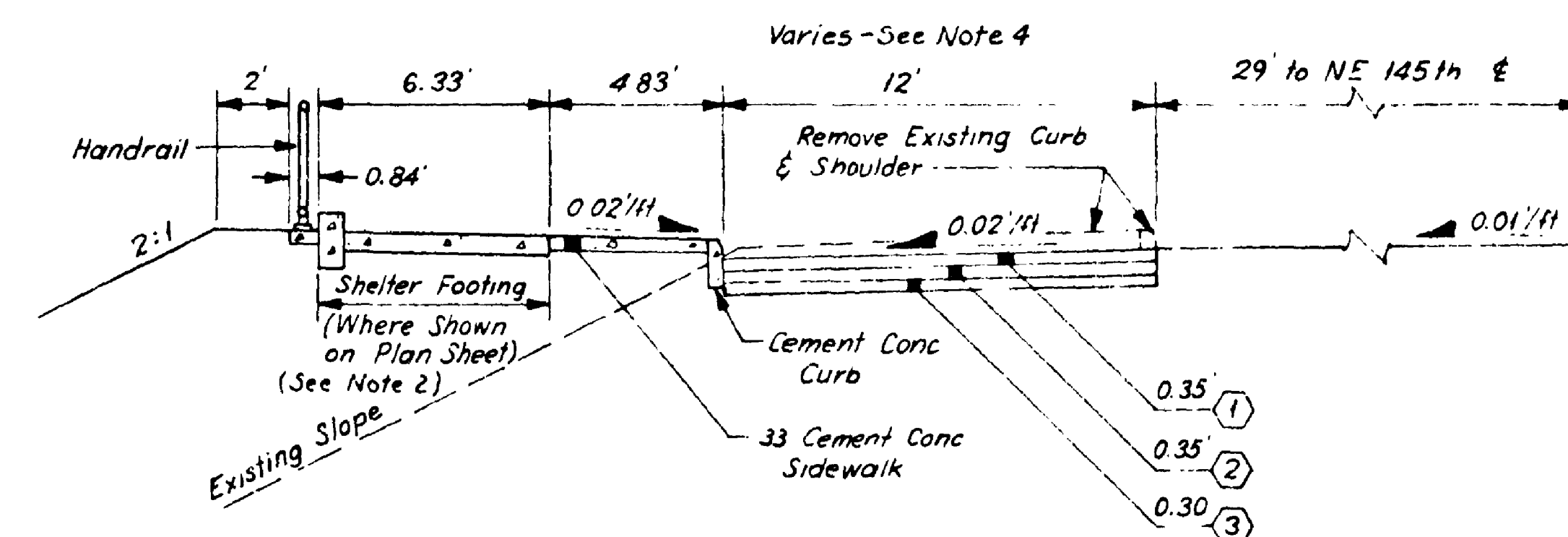


ROADWAY SECTION C LOADING PLATFORM

T-S 14+02.89 to 16+02.89
*** T-S 16+02.89 to 17+02.89

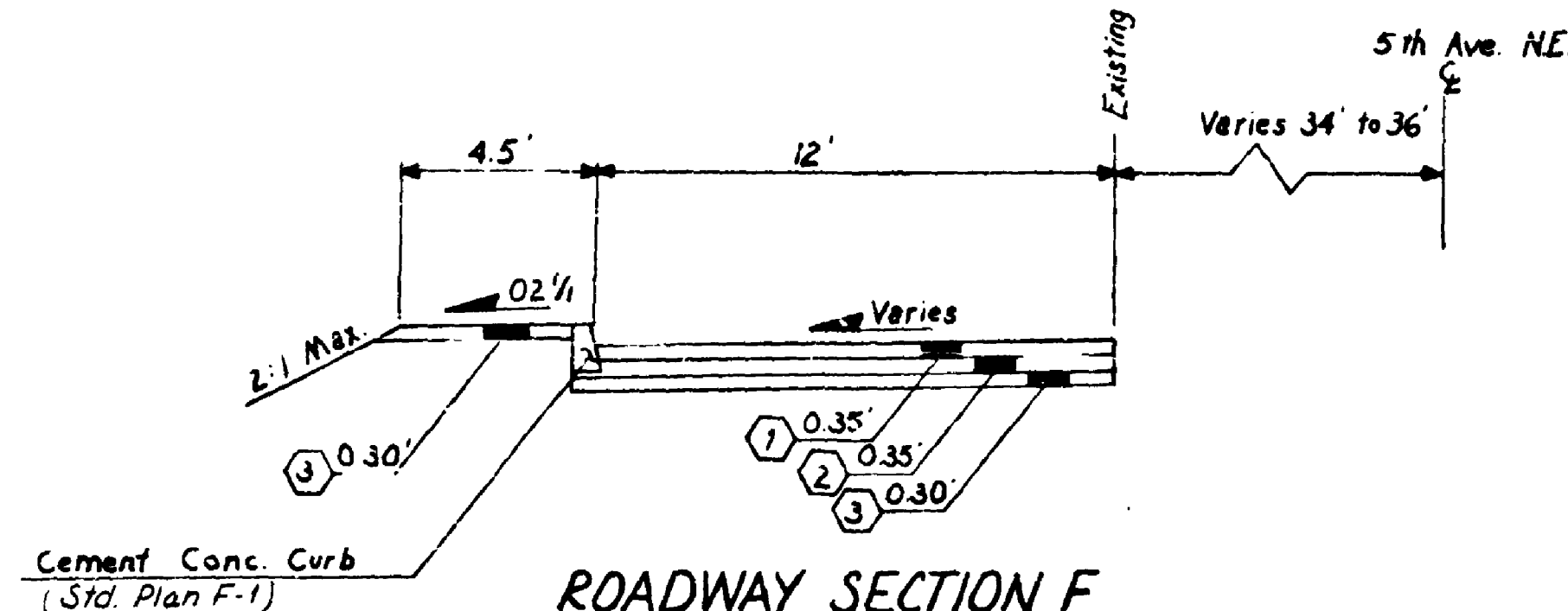
PAVING AND SURFACING LEGEND

- ① Min. Comp. Depth Of Asphalt Conc. Pvm't. Class B (Wearing Course)
- ② Min. Comp. Depth Of Asphalt Conc. Pvm't. Class B (Leveling Course)
- ③ Min. Comp. Depth Of Crushed Surfacing Top Course
- ④ Soil Residual Herbicide (See Special Provisions)



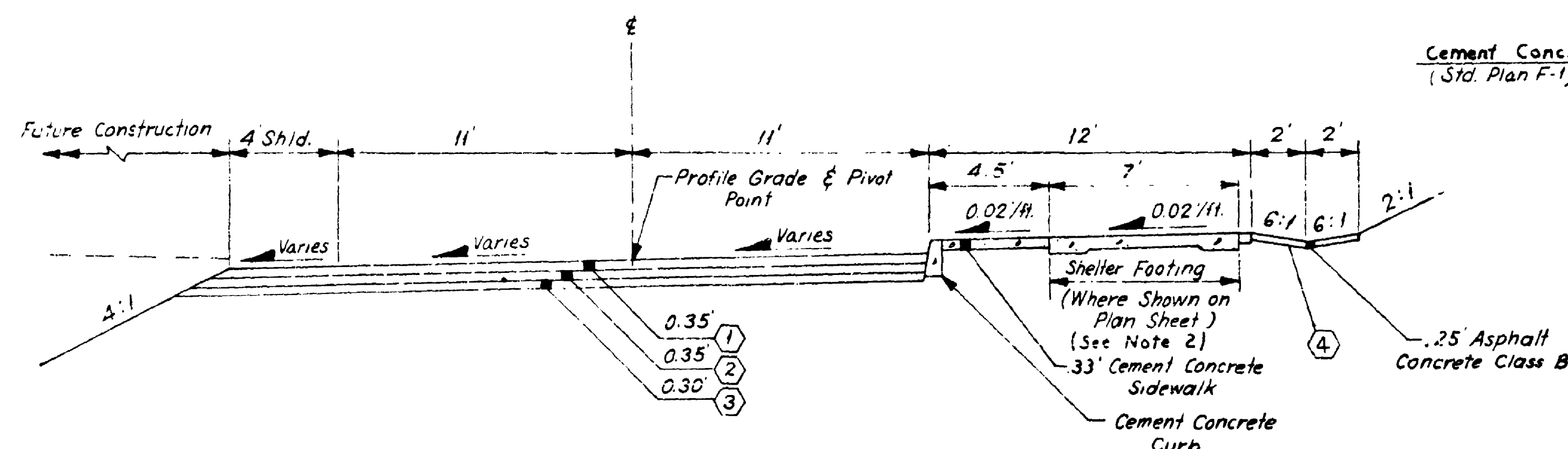
ROADWAY SECTION D LOADING PLATFORM

NE 145th Westbound 3+80 to 4+30
NE 145th Eastbound 3+80 to 4+62 (Section Reversed)



ROADWAY SECTION F

5TH AVE. N.E. TRANSIT LANE
N.E. 145TH - 5TH N.E. CONN. 149+80 to 152+65



ROADWAY SECTION E LOADING PLATFORM

T-N 16+65 to 18+65

ROADWAY SECTION G

N.E. 145th 0+40 to 0+92 Rt.
N.E. 145th 0+25 to 0+75 Lt. (Section Reversed)

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.00
N.E. 145TH ST. FLYER STOP - STAGE I
KING COUNTY

ROADWAY SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. BULLEY

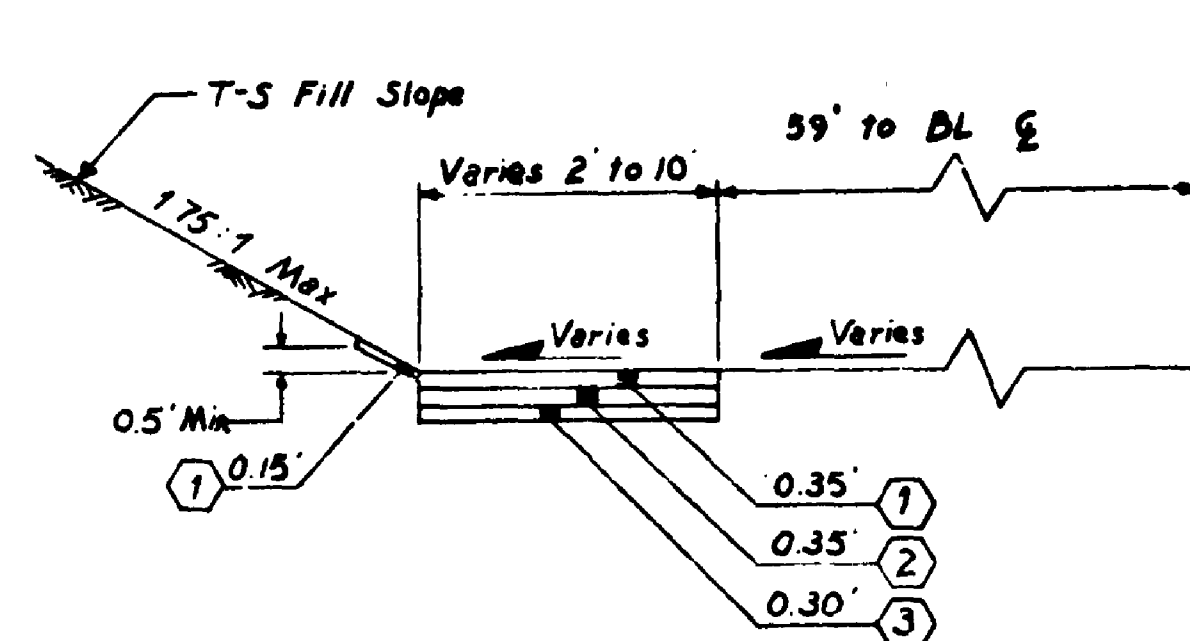
SECRETARY



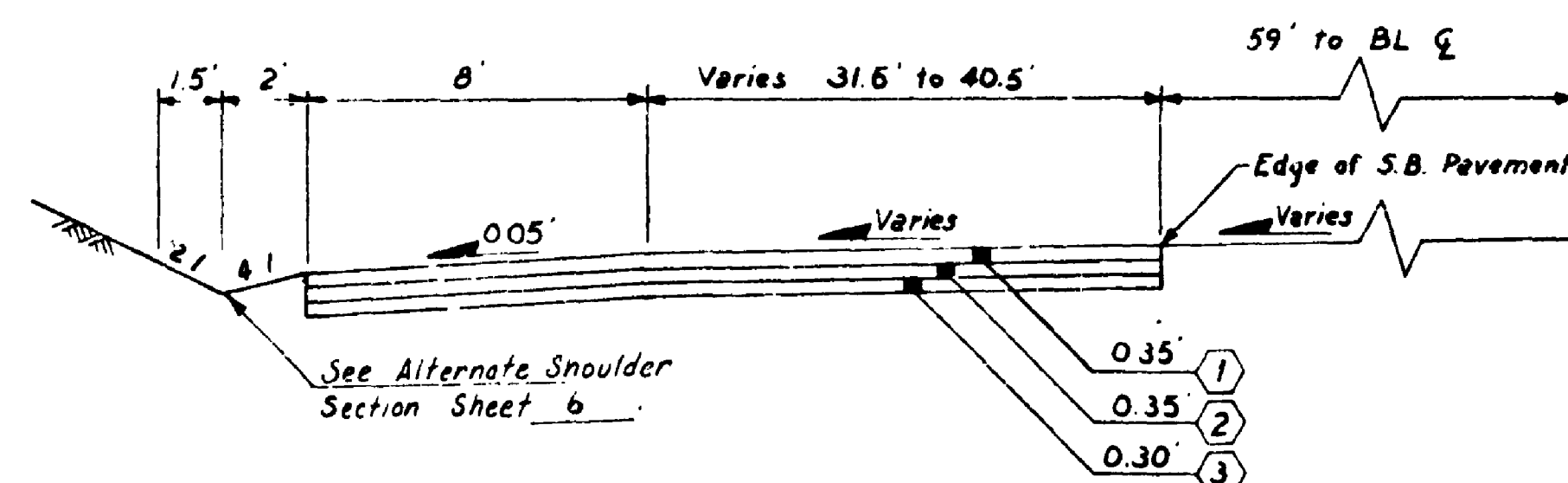
6-20-79 Added (4) To Roadway Section E
DATE REVISION

CONTRACT NUMBER 1626 APPROVED May 25, 1979
SHEET 6 OF 68 SHEETS

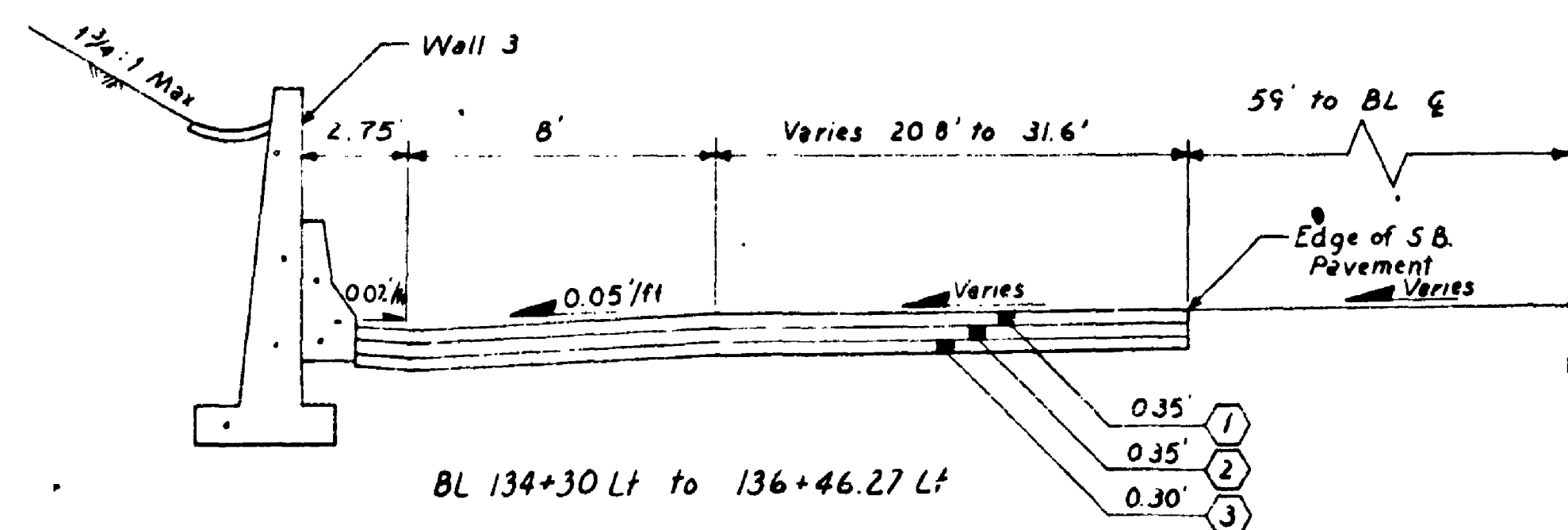
SR 5 1235



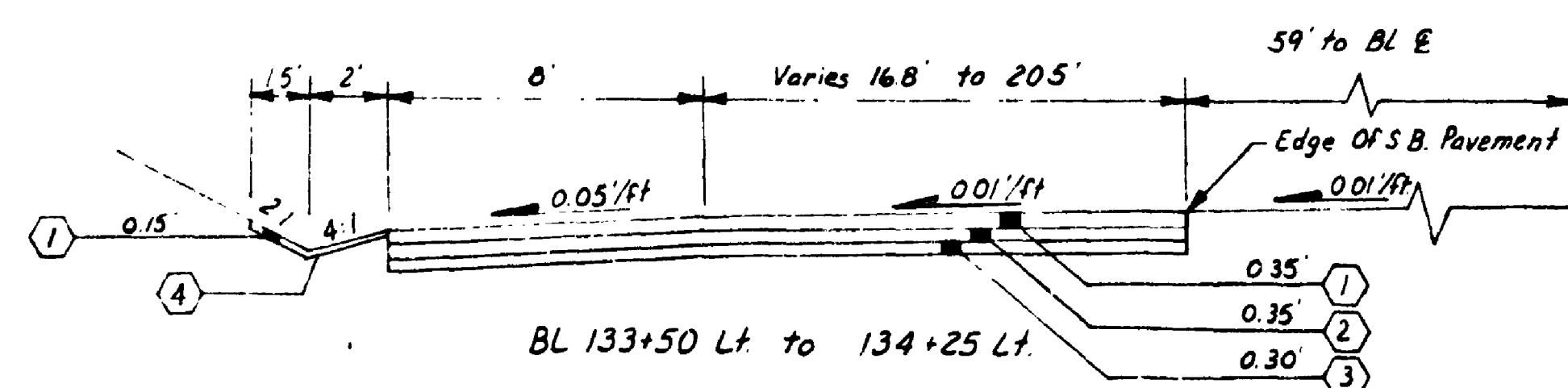
BL 138+25 Lt. to 142+50 Lt.
BL 150+49.22 Lt. to ~~152+92.00 Lt.~~
156+08 Lt.



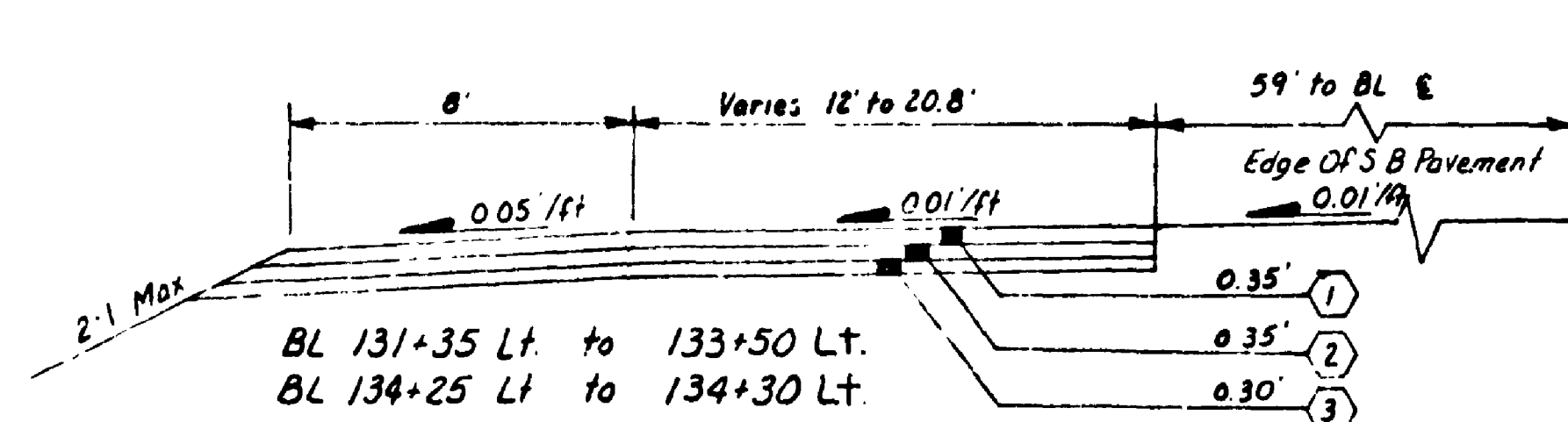
BL 136+46.27 Lt. to 138+25 Lt.



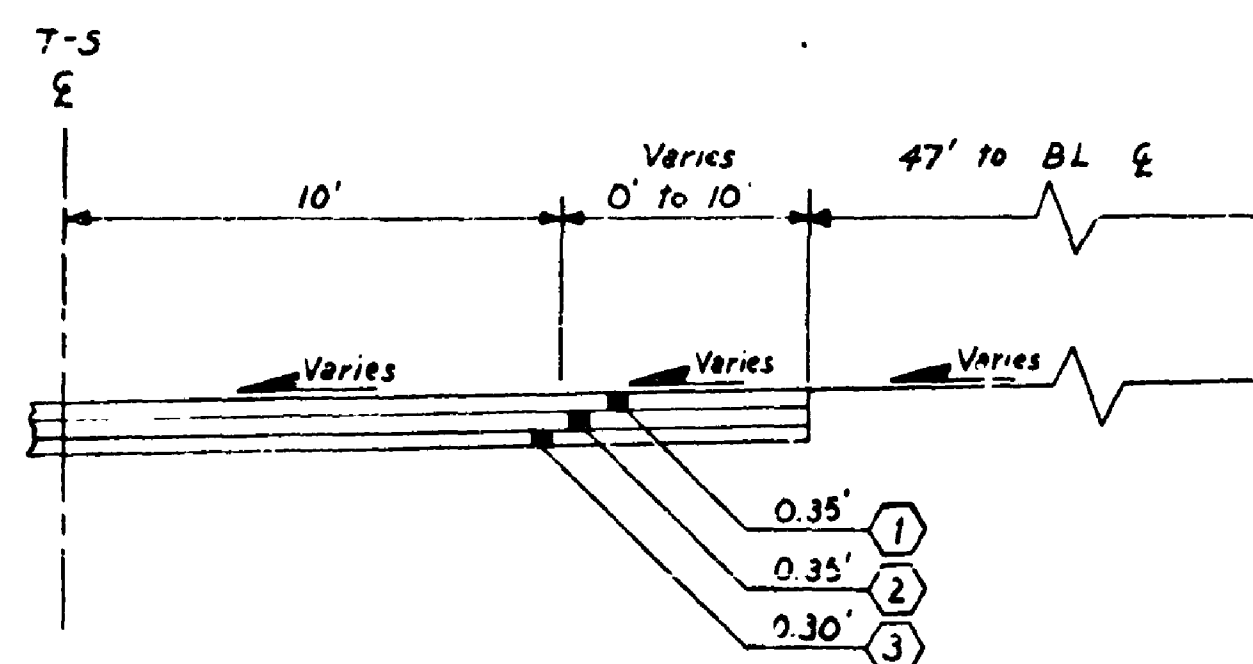
BL 134+30 Lt. to 136+46.27 Lt.



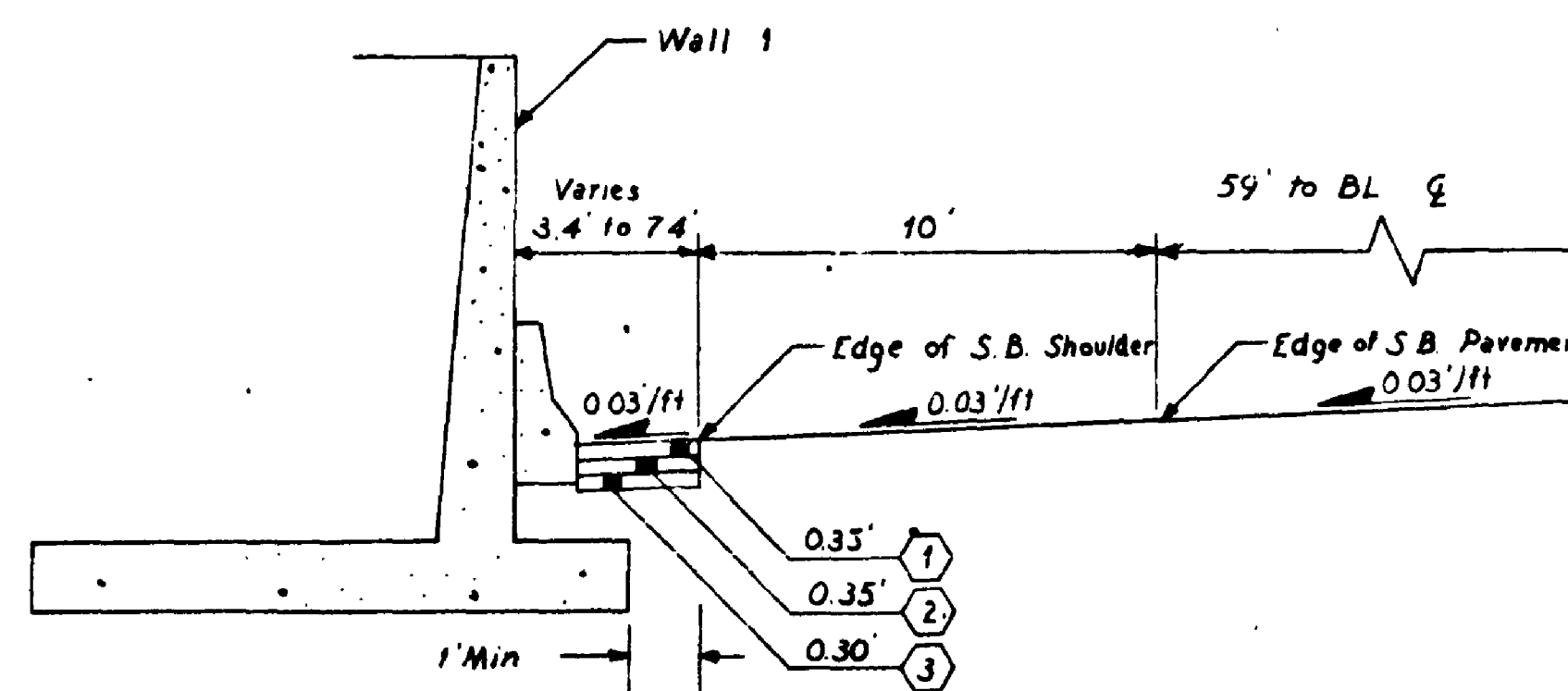
BL 133+50 Lt. to 134+25 Lt.



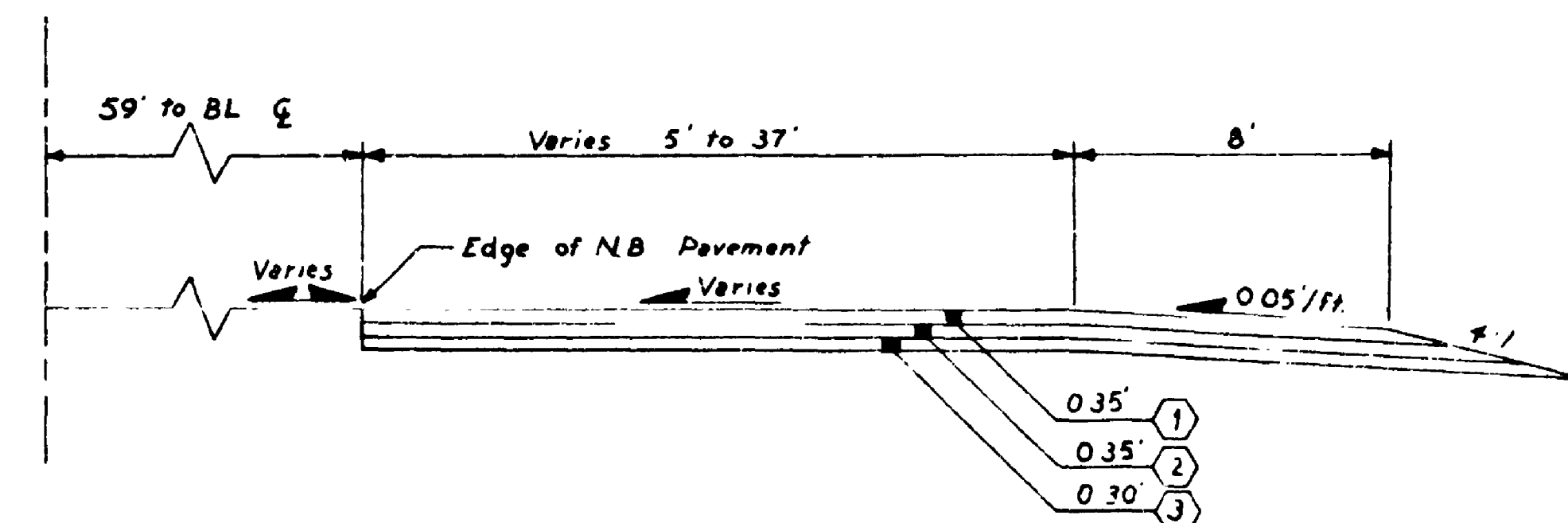
BL 131+35 Lt. to 133+50 Lt.
BL 134+25 Lt. to 134+30 Lt.



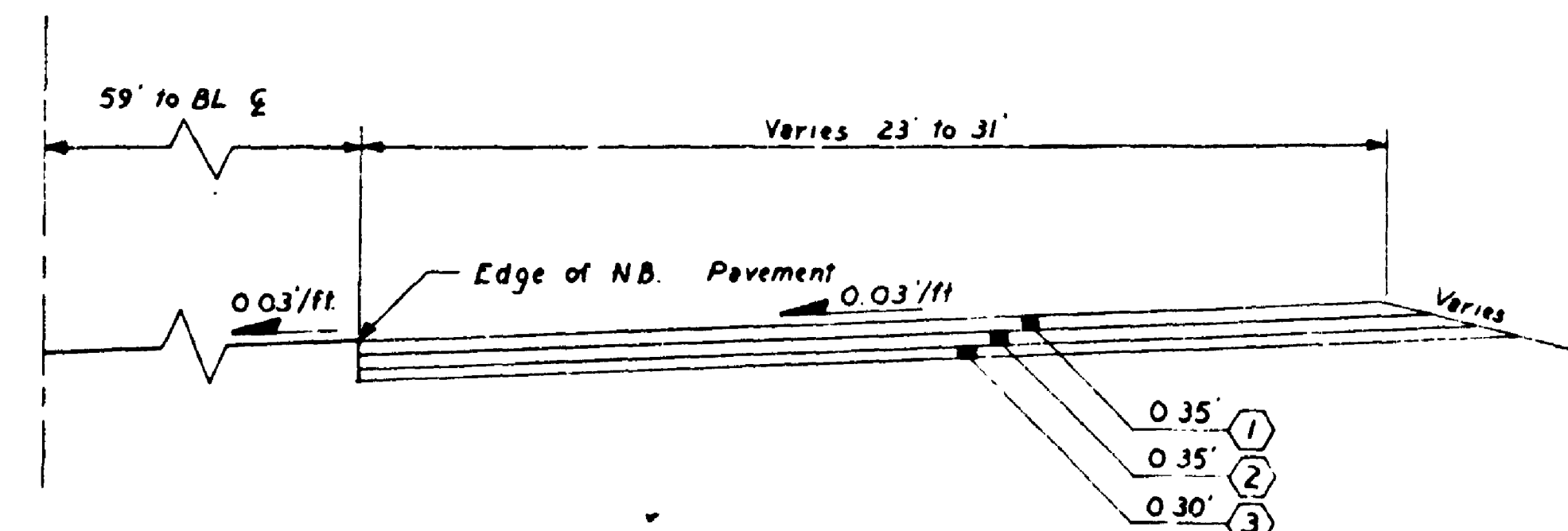
BL 152+92.00 Lt. to ~~157+80 Lt.~~
156+08 Lt.



BL 148+50 Lt. to 150+49.22 Lt.



BL 155+00 Rt (Ahead) to 171+68 Lt Rt.



BL 152+00 Rt to 155+00 Rt (Back)

FOR "AS CONSTRUCTED"
PLANS ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

ROADWAY SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA WASHINGTON

W. A. BULLY

SECRETARY



APPROVED May 25, 1979
CONTRACT NUMBER 1626 SHEET 7 OF 68

SR 5, 2350

BL SHOULDER SECTIONS

QUANTITY TABULATION

GUARD RAIL ITEMS ARE
TABULATED AHEAD OF ALL
OTHER MISC ITEMS

[illegible]

QUANTITY TABULATION

| SH. NO. | STATION | L.F. | Hund. | L.F. | L.F. | L.F. | Each | Each | Each | Hund. | Hund. | Each |
|----------|--------------------------------|-------------------------|----------------------|----------------|------------------|-------------------|--------------------------------|-----------------------------|------------------------|--------------------|--------------------|--------------------------|
| | | REMOVING PAINT STRIPING | REMOVING LANE MARKER | PAINT STRIPING | PAINTED STOP BAR | PAINTED CROSSWALK | THERMOPLASTIC BUS LANE DIAMOND | THERMOPLASTIC TRAFFIC ARROW | PLASTIC TRAFFIC BUTTON | LANE MARKER TYPE 1 | LANE MARKER TYPE 2 | WHITE PLASTIC RUMBLE BAR |
| 181920 | BL 136+66 to 170+50 Lt. | 310 | 0.6 | 3350 | | | | | | | | |
| 32,33 | Rel. 145TH-S. | | | 1218 | | | | | 22 | | | |
| 32,33 | T-S | | | 3701 | | | | | | | | |
| 33 | 145-T | | | 440 | | | | | | | | |
| 32,33 | T-N | | | 2535 | | | | | | | | |
| 33 | T-145 | | | 840 | | | | | | | | |
| 33,35 | Rel. 145-N | | | 914 | | | | | 10 | | | |
| 33,35 | NE 145TH-5TH N.E. Conn. | | | 350 | | | | | 15 | | | |
| 33,35 | NE 145 | | | 200 | | | | | | | | |
| 12,33,34 | BL 125+38 to 174+18 | | | 6312 | | | | | | | | |
| 181920 | BL 170+50 to 178+50 S.B. Lanes | 3.7 | | 1600 | | | | | | 2.2 | 0.3 | |
| 33 | N-145TH | | | 30 | | | | | | | | |
| 33 | NE 145TH-5TH NE. Conn. | | | 30 | | | | | | | | |
| 33 | N-145TH | | | 140 | | | | | | | | |
| 33,35 | 145TH | | | 20 | 150 | | | | | 0.3 | | |
| 33,35 | N.E. 145TH-5TH N.E. Conn. | | | 180 | | | 4 | 2 | | 1.0 | 0.1 | |
| 33 | 145TH-S 149+00 | | | 100 | | | | | | | | |
| 33 | S-145TH 150+10 | | | 100 | | | | | | | | |
| 33,35 | T-S | | | 36 | | | 3 | | | | | |
| 57 | T-N 10+40 to 12+50 | | | | | | 3 | | | | | |
| 58 | 145-T 0+60 to 1+80 | | | | | | 3 | | | | | |
| 58 | NE 145 | | | | | | 4 | | | | | |
| 33,34 | BL 152+00 to 160+18 Rt. | | | | | | | | | | | 273 |
| TOTALS | | 710 | 4.3 | 21,460 | 80 | 706 | 17 | 2 | 47 | 3.5 | 0.4 | 273 |

| REGION NO | STATE | FED AID PROJECT NO | SHEET NO |
|-----------|-------|--------------------|----------|
| 10 | WASH | I-5-3(544) 174 | 8 of 60 |

79W093

NOTES

[illegible]

APPROXIMATE PRECONSTRUCTION ESTIMATES ONLY

AS BUILT QUANTITIES IN FINAL RECORD BOOK NO. 1

FOR "AS CONSTRUCTED
PLANS" ONLY

| | | |
|---------|--|-----|
| 6 20-79 | Rev Beam Guard Rail Type I Quantities & Totals | J K |
| DATE | REVISION | BY |

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

QUANTITY TABULATION

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. BULLEY

OLYMPIA WASHINGTON

SECRET



APPROVED May 25, 1979

CONTRACT NUMBER 1626 SHEET 8 OF 68 SHEETS

505 235^

CITY OF SEATTLE

I-5-3(544)174 9 OF

79W093

SR 5
MP 174.24
STA. BL 131+35

T. 26 N. R. 4 E. W.M.

BEGINNING OF PROJECT
BEGINNING OF CONSTRUCTION
BEGINNING OF I-5-3(544)174

SE 1/4 NW 1/4 SEC. 20

NE 1/4 NW 1/4 SEC. 20

TO BE REMOVED

BEGIN REL. 145TH-S
STA 138+25.00 (85.5 Lt)

PC 145TH-S
STA 137+36.971

PC REL. 145TH-S
STA 138+55.32

PT 145TH-S
STA 140+80.80
BEGIN TAPER

PI REL. 145TH-S
140+04.60

PT REL. 145TH-S
STA 141+52.81

REL. 145TH-S

N 02° 49' 31" W

N 00° 02' 21" E

N 14° 43' 30" W

N 14° 43' 30" W

PT T-S
13+01.17

PI T-S
11+17.64

BEGIN T-S
STA 9+03.91 (71.5 Lt)
INTERSTATE 5

PC T-S
STA 9+32.06

BEGIN T-N
STA 10+40.00 =
145TH-N
139+72.46 20.26 LT.

PC T-N
STA 12+13.42

PI T-N
12+89.96

N 01° 01' 05" E
T-N LINE

PT N 145TH
STA 138+25.00

△ Monument

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

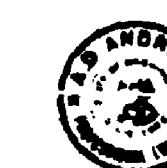
PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. BULLEY

SECRETARY



APPROVED May 25, 1979

6-20-79 Added Limited Access To R/W
DATE REVISION BY

CONTRACT NUMBER 1626

SHEET 9 OF 68 SHEETS

SR 5, 2260

| CURVE DATA | | | | | |
|---------------------|---------------|---------|--------|--------|------|
| PI STATION | Δ | R | T | L | S |
| T-N 12+89.96 | 6° 04' 27" R | 1442.67 | 76.54 | 152.94 | .05% |
| T-S 11+17.64 | 14° 45' 51" L | 1432.40 | 185.58 | 369.11 | .05% |
| REL 145-S 140+04.60 | 11° 53' 59" L | 1432.40 | 149.28 | 297.49 | .05% |

50 30 100 50 100 150 200
SCALE IN FEET

King County
4352
Alignment of
Sheet

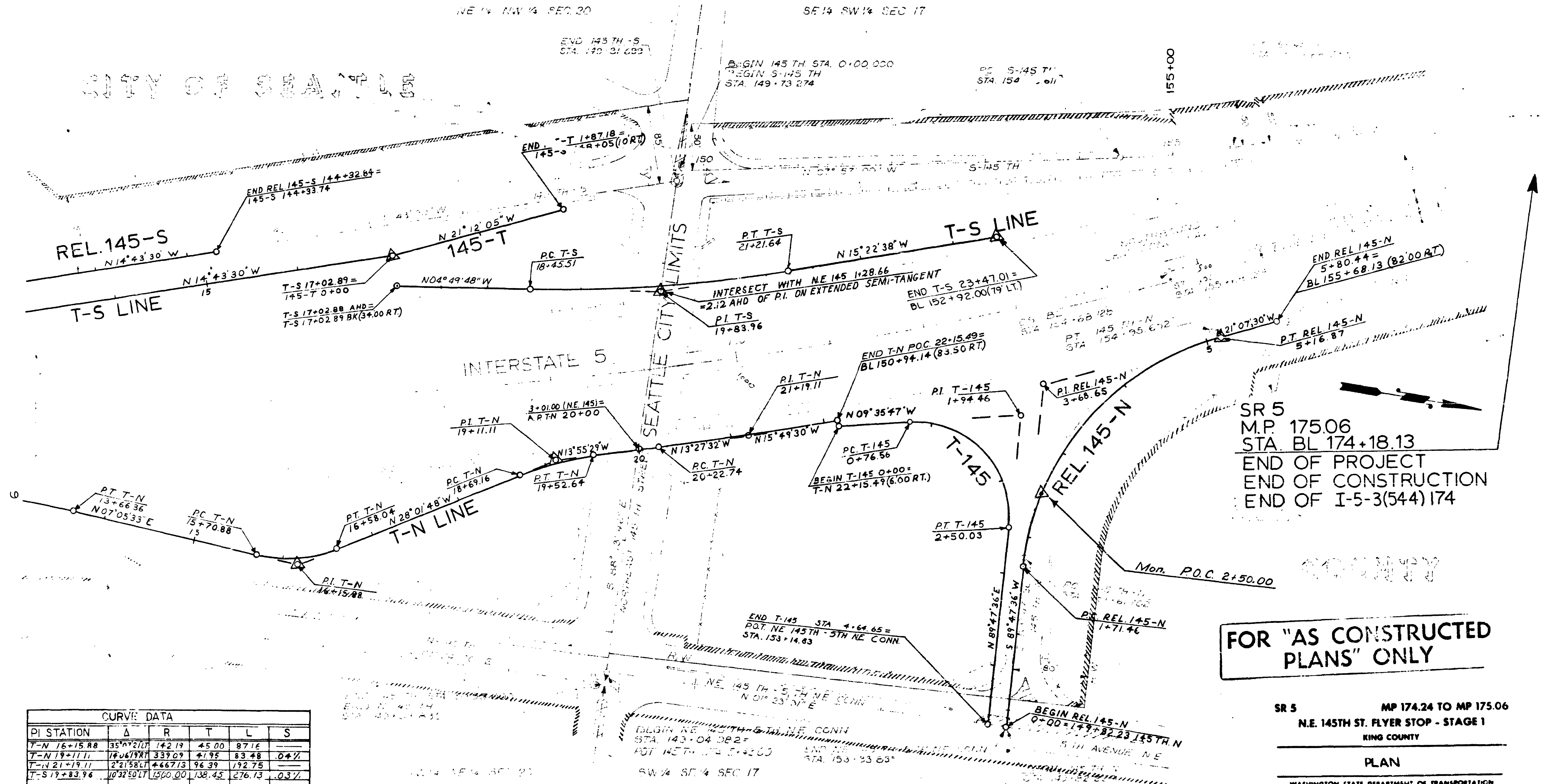
T. 26 N. R. 4 E. W.M.

I-5-3(544) 174 10 OF 68

79W093

NE 1/4 NW 1/4 SEC 20

SE 1/4 SW 1/4 SEC 17

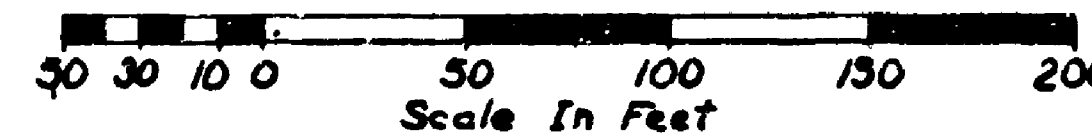


SR 5
M.P. 175.06
STA. BL 174+18.13
END OF PROJECT
END OF CONSTRUCTION
END OF I-5-3(544) 174

FOR "AS CONSTRUCTED
PLANS" ONLY

| CURVE DATA | | | | | |
|-------------------|-------------|---------|--------|--------|------|
| PI STATION | Δ | R | T | L | S |
| T-N 16+15.88 | 35° 21' 07" | 142.19 | 45.00 | 87.16 | — |
| T-N 19+11.11 | 18° 06' 19" | 339.09 | 41.95 | 83.48 | 0.4% |
| T-N 21+19.11 | 2° 21' 58" | 4667.13 | 96.39 | 192.75 | — |
| T-S 19+83.96 | 10° 32' 50" | 1500.00 | 138.45 | 276.13 | 0.3% |
| T-145 1+94.46 | 99° 23' 23" | 100.00 | 117.90 | 173.47 | 0.5% |
| REL 145-N 3+68.65 | 67° 04' 54" | 286.48 | 197.19 | 345.41 | 0.6% |

| SPIRAL DATA | | | | | | | | | | | |
|-------------|-------------|--------|-------|-------|-------|--------|---------|-----|-----------|-----------|-----------|
| STATION | Δ | R | T | L | S | Q | DE | Ls | PC | PT | PI |
| 143+04.08 | 22° 31' 30" | 100.00 | 25.00 | 45.00 | 66.67 | 100.00 | 0.03/ft | 174 | 143+04.08 | 143+29.08 | 143+16.58 |
| 143+29.08 | 22° 31' 30" | 100.00 | 25.00 | 45.00 | 66.67 | 100.00 | 0.03/ft | 174 | 143+29.08 | 143+54.08 | 143+41.58 |



Monument

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

PLAN
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA WASHINGTON
W. A. BULLEY
SECRETARY

| DATE | REVISION | BY |
|---------|----------------------|------|
| 6-20-79 | Added Limited Access | J.K. |

CONTRACT NUMBER 1626
SHEET 10 OF 68 SHEETS

SR 5

T. 26 N. R. 4 E. W.M.

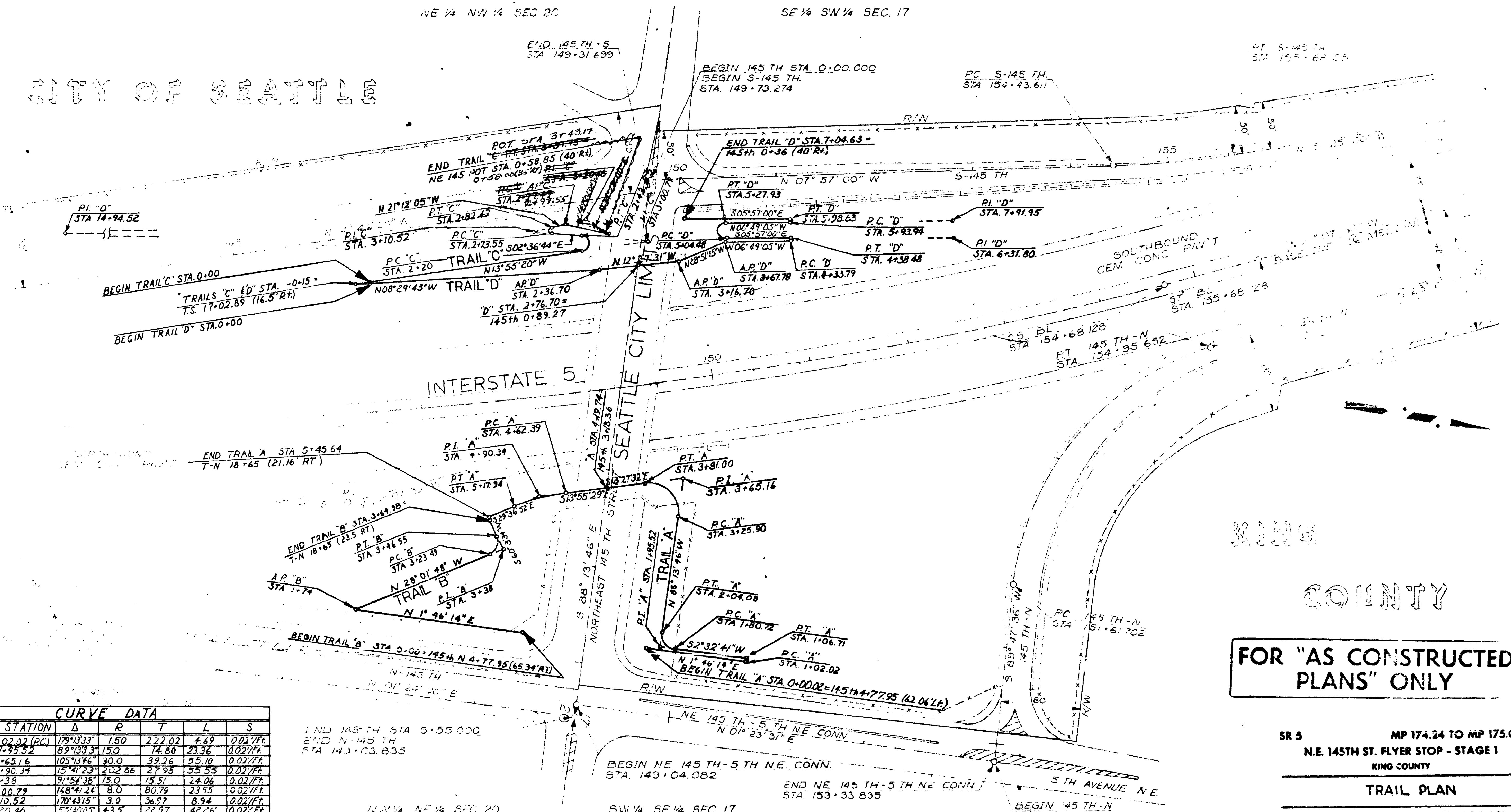
I-5-3(544)174 110F68

79W093

NE 1/4 NW 1/4 SEC 20

SE 1/4 SW 1/4 SEC. 17

CITY OF SEATTLE



KING COUNTY

FOR "AS CONSTRUCTED PLANS" ONLY

| CURVE DATA | | | | | |
|-----------------|------------|--------|--------|-------|-----------|
| P.I. STATION | Δ | R | T | L | S |
| A" 1+02.02 (PC) | 179°13'33" | 150 | 222.02 | 4.69 | 0.021/Ft. |
| A" 1+95.52 | 89°33'33" | 150 | 14.80 | 23.36 | 0.021/Ft. |
| A" 3+65.16 | 105°13'46" | 30.0 | 39.26 | 55.10 | 0.021/Ft. |
| A" 4+90.34 | 15°41'23" | 202.86 | 27.95 | 55.55 | 0.021/Ft. |
| B" 3+38 | 91°54'38" | 15.0 | 15.51 | 24.06 | 0.021/Ft. |
| C" 3+00.79 | 168°41'24" | 8.0 | 80.79 | 23.55 | 0.021/Ft. |
| C" 3+10.52 | 170°43'15" | 3.0 | 36.97 | 8.94 | 0.021/Ft. |
| C" 3+20.46 | 55°40'05" | 43.5 | 22.97 | 42.26 | 0.021/Ft. |
| D" 6+31.80 | 179°07'55" | 7.5 | 198.01 | 4.69 | 0.021/Ft. |
| D" 14+94.52 | 179°07'55" | 7.5 | 990.04 | 23.45 | 0.021/Ft. |
| D" 1+97.95 | 179°07'55" | 7.5 | 198.01 | 4.69 | 0.021/Ft. |

END 145TH STA 5+55.000
END N-145TH
STA 143+03.835

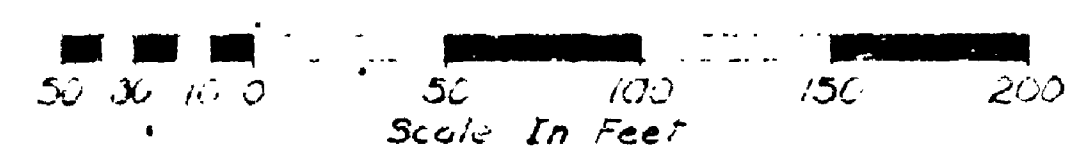
NW 1/4 NE 1/4 SEC. 20

SW 1/4 SE 1/4 SEC 17

CURVE DATA

SPIRAL DATA

| CS | ST | Δ | CA | D | R | L | T | S | Q | DE | LS |
|------------|------------|-------------|----------|---------|----------|----------|---------|----------|-----|----------|--------|
| 15+468.128 | 155+68.128 | 22°31'30" L | 2°16'30" | 1250.00 | 4583.667 | 1702.000 | 562.805 | 0.031/Ft | 1/4 | 6°39'30" | 100000 |
| Δ | D | R | L | T | S | | | | | | |
| 47.24 | 20.100 | 246.478 | 333.285 | 188.862 | 0.061/Ft | | | | | | |
| 14.00 | 106.00 | 954.932 | 124.14 | 673.00 | 0.041/Ft | | | | | | |



SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

TRAIL PLAN

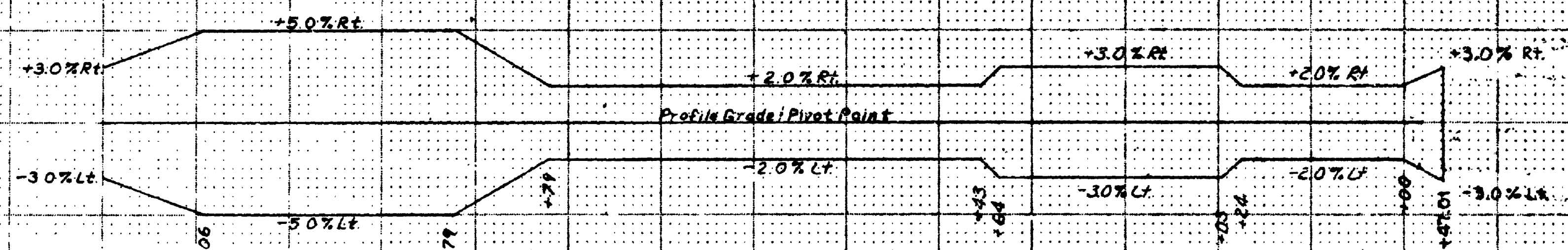
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA WASHINGTON

W. A. BULLEY SECRETARY

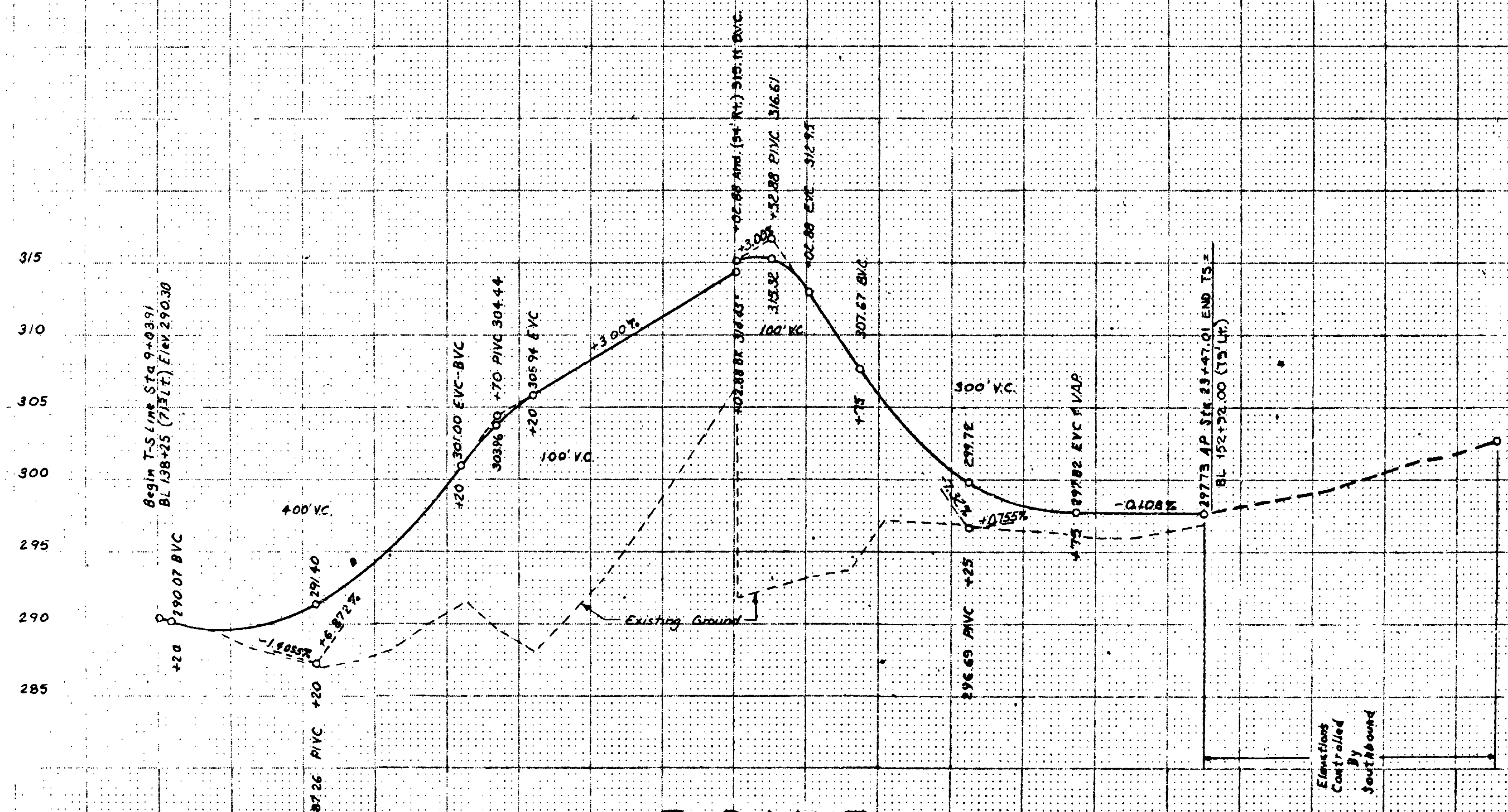


CONTRACT NUMBER 1626 APPROVED May 25, 1979
SHEET 11 OF 68 SHEETS

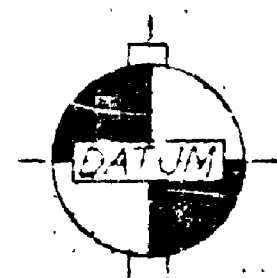
SR 5/2350



SUPER ELEVATION DIAGRAM



FOR "AS CONSTRUCTED
PLANS" ONLY



City of Seattle
B.M. Ramset In Sidewalk
N.E. End Of 145th Bridge
0.5' From Rail Base. 0.8' West
Of Back Of Pavement Seat

ROADWAY SECTION A ROADWAY SECT. C ROADWAY SECTION A

T-S LINE

Elevations
Controlled
By
Southbound

SR 5 MP 174.24 TO MP 175.06

N.E. 145TH ST. FLYER STOP - STAGE I
KING COUNTY V

ROADWAY PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAILEY

SECRETARY

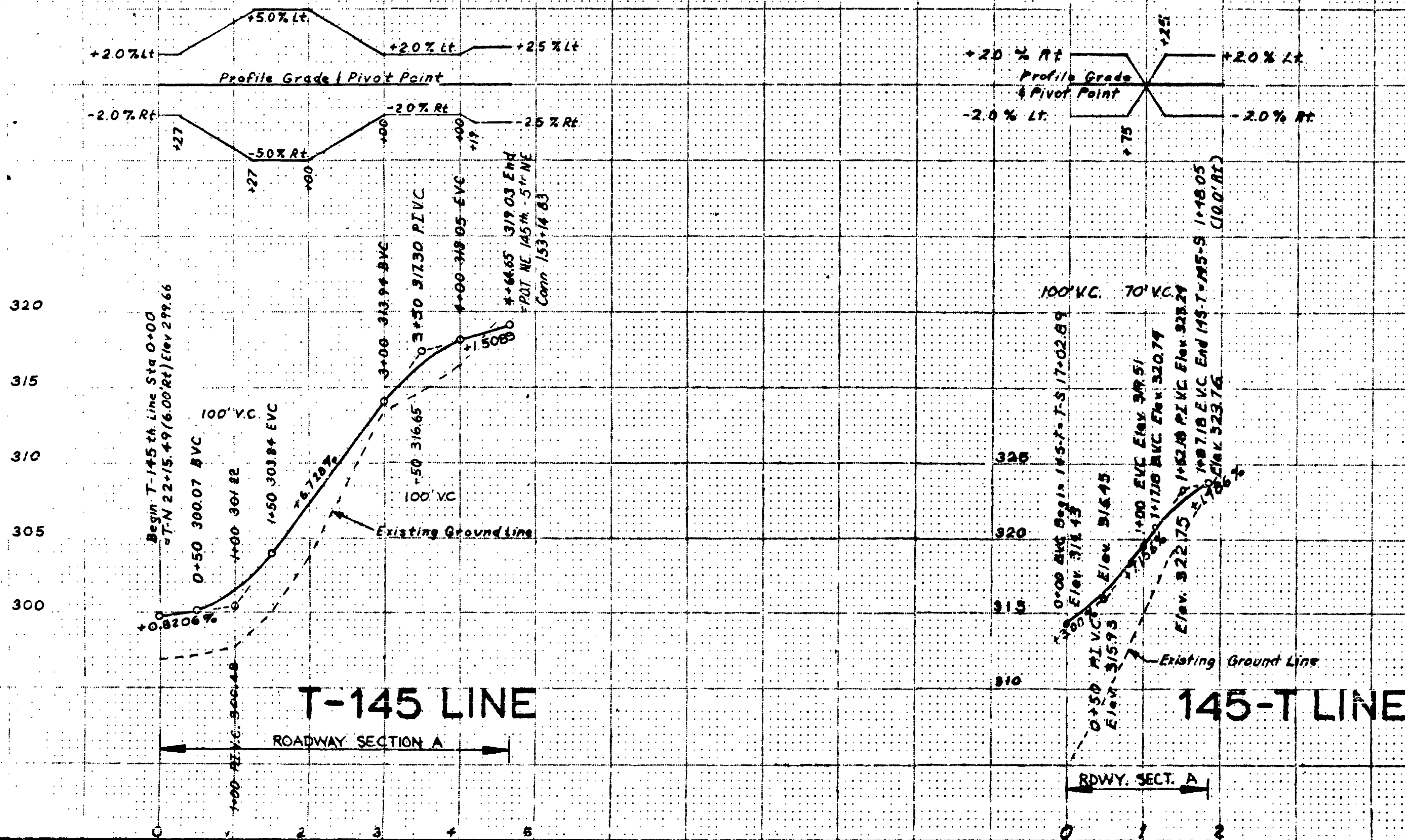
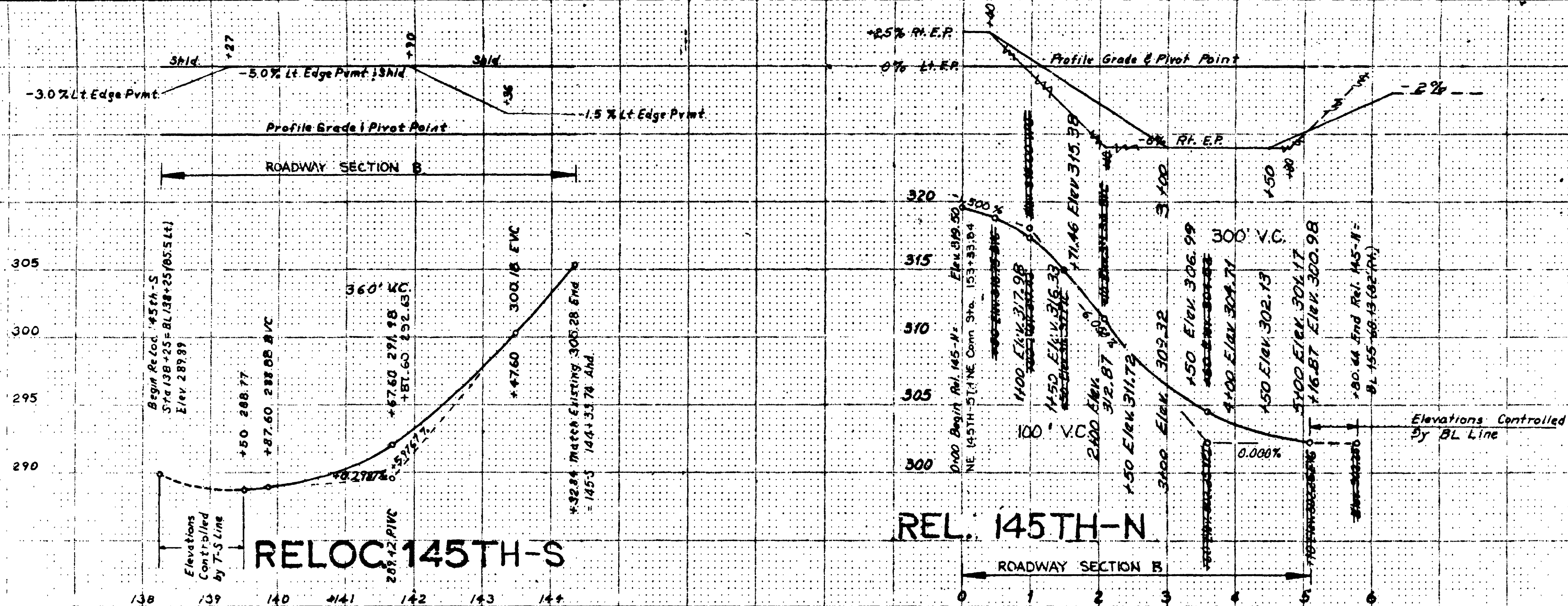


APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 12 OF 68 SHEETS

SR 5/2350

| FED. ROAD DIV. NO. | STATE | FED. AID PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|----------------------|-----------|--------------|
| 10 | WASH. | 1-5-3(544) 174 | 14 | 68 |

TSW093



FOR "AS CONSTRUCTED PLANS" ONLY

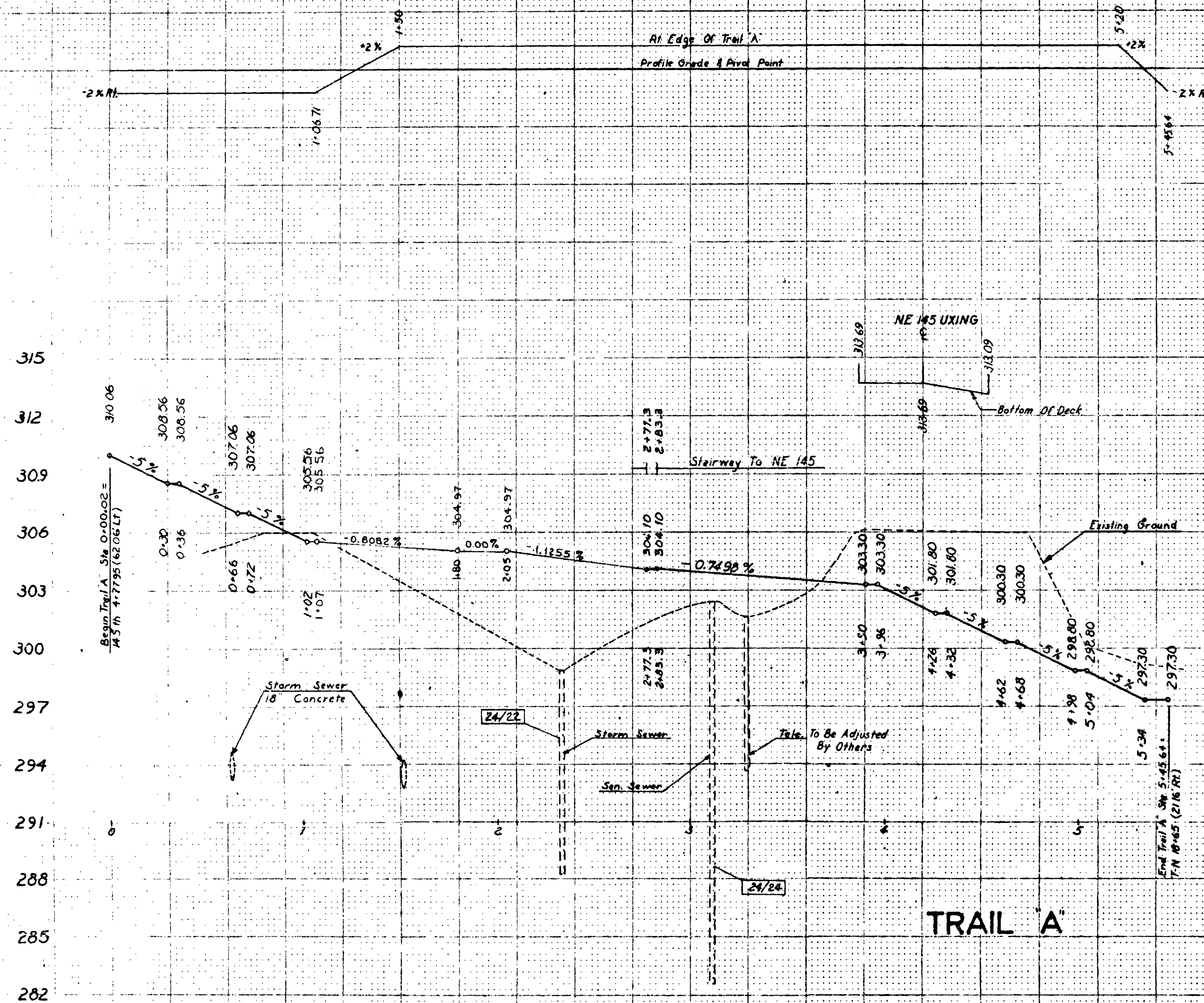
SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

ROADWAY PROFILES
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W. A. BULLY SECRETARY



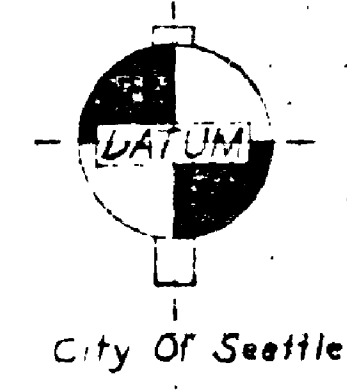
CONTRACT NUMBER 1626 OFFERED May 25, 1973
SHEET 14 OF 68 SHEETS

52 5 2050



LEGEND:
 XX/YY
 "XX" Refers to the sheet number of the contract plans.
 "YY" Refers to the construction feature found on the particular sheet.

FOR "AS CONSTRUCTED" PLANS ONLY



TRAIL "A"

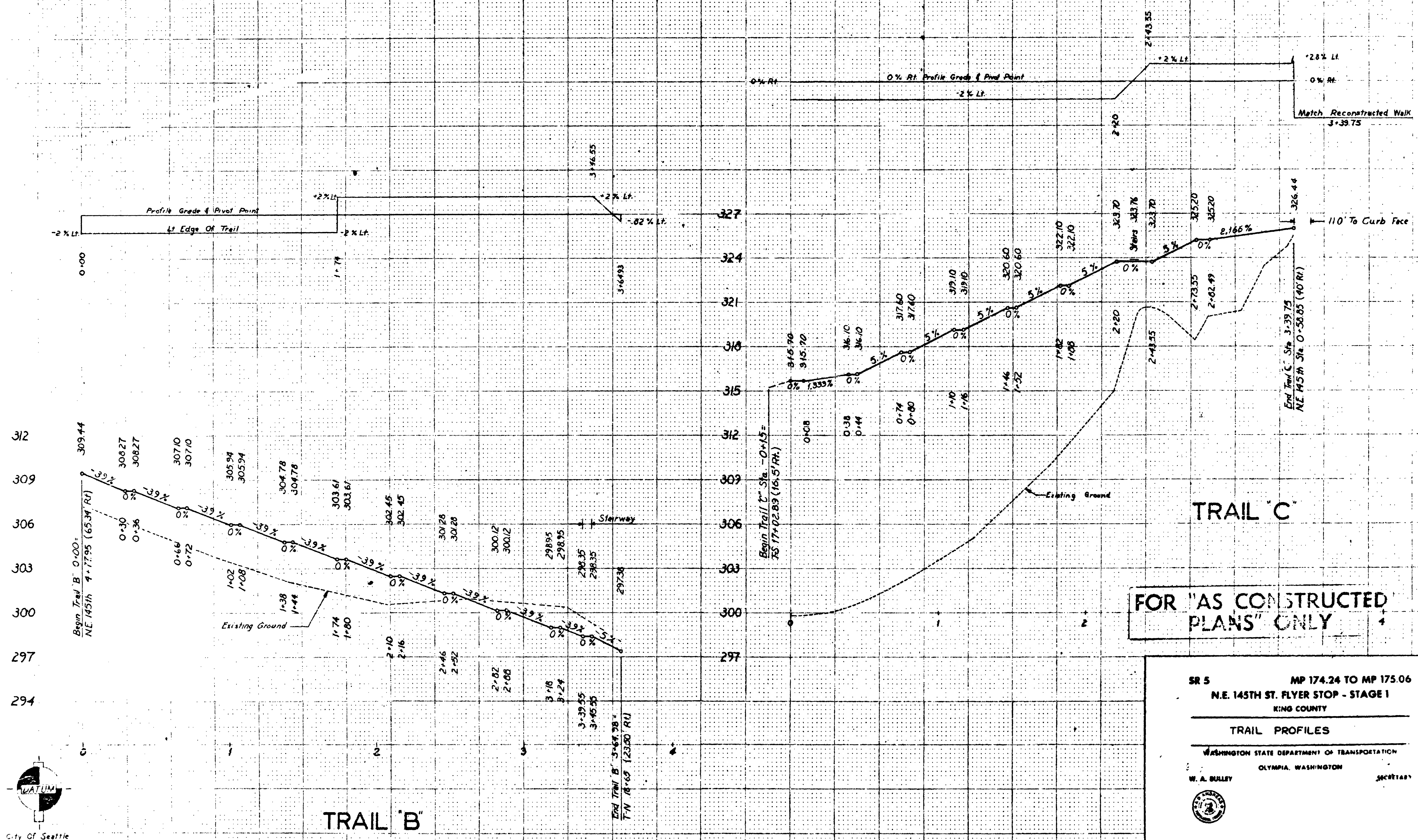
| | | |
|------|---------------|----|
| DATE | REV. PROJ. L. | BY |
| | REVISION | |

SR 5 MP 174.24 TO MP 175.06
 N.E. 145TH ST. FLYER STOP - STAGE 1
 KING COUNTY
 TRAIL PROFILE
 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
 OLYMPIA WASHINGTON
 W. A. BULLEY SECRETARY

APPROVED May 25, 1973
 CONTRACT NUMBER 1626 SHEET 15 OF 68 SHEETS

SR 5 2350

79W033



T. 26 N. R. 4 E. W.M.

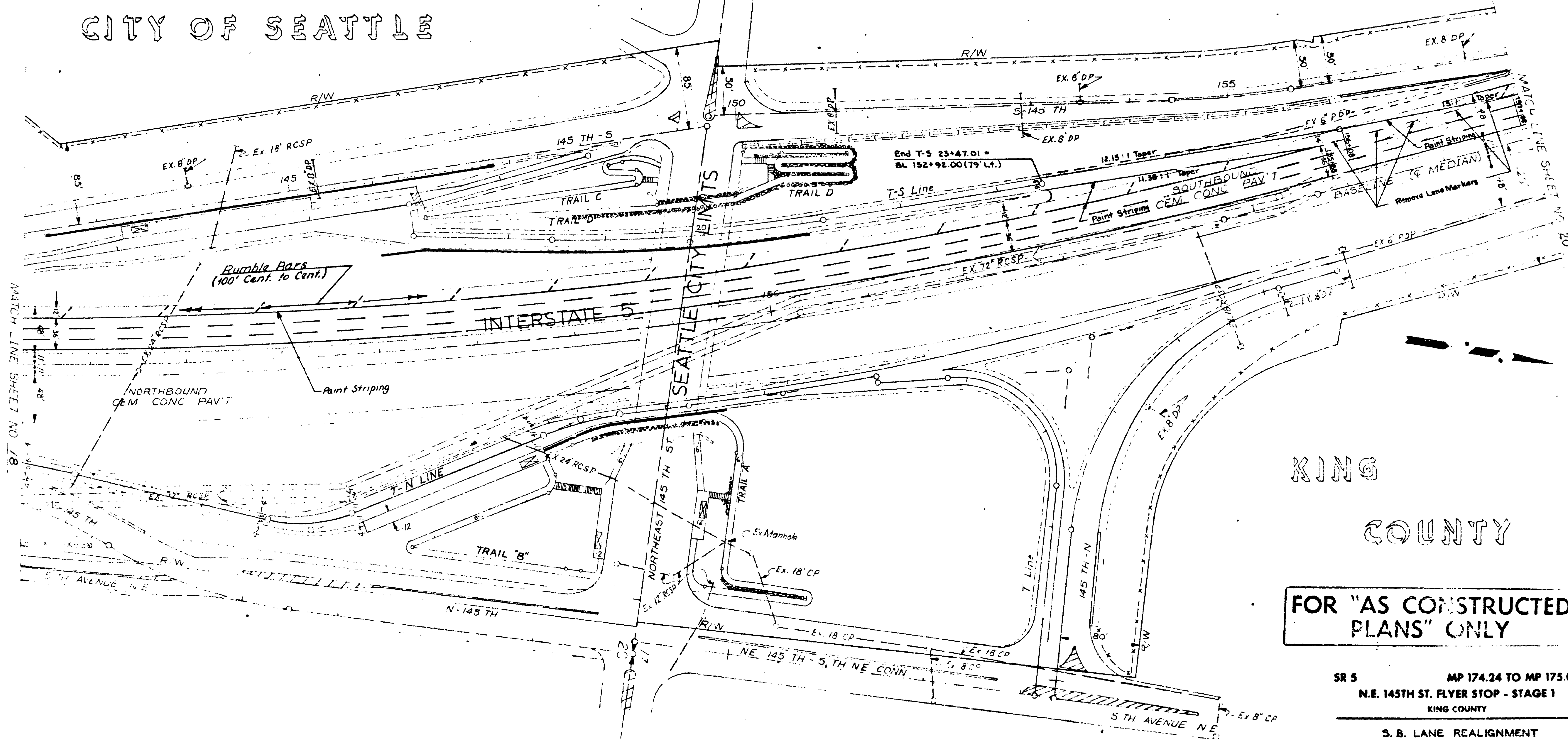
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|------------|-------|-------------------------|-----------|
| REGION NO. | STATE | FEDERAL AID PROJECT NO. | SHEET NO. |
| 10 | WASH. | 5-3(544) 174 | 19 OF 68 |

79W093

NE 1/4 NW 1/4 SEC. 20

SE 1/4 SW 1/4 SEC. 17

CITY OF SEATTLE



KING
COUNTY

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

S. B. LANE REALIGNMENT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY



Scale In Feet
50 100 150 200

| | |
|--|----------|
| 6-20-79 Deleted Lane Markers Type 1 & 2 - Rev. Title | J.K. |
| DATE | REVISION |
| | BY |

CONTRACT NUMBER 1626

APPROVED May 25, 1979

SHEET 19 OF 68 SHEETS

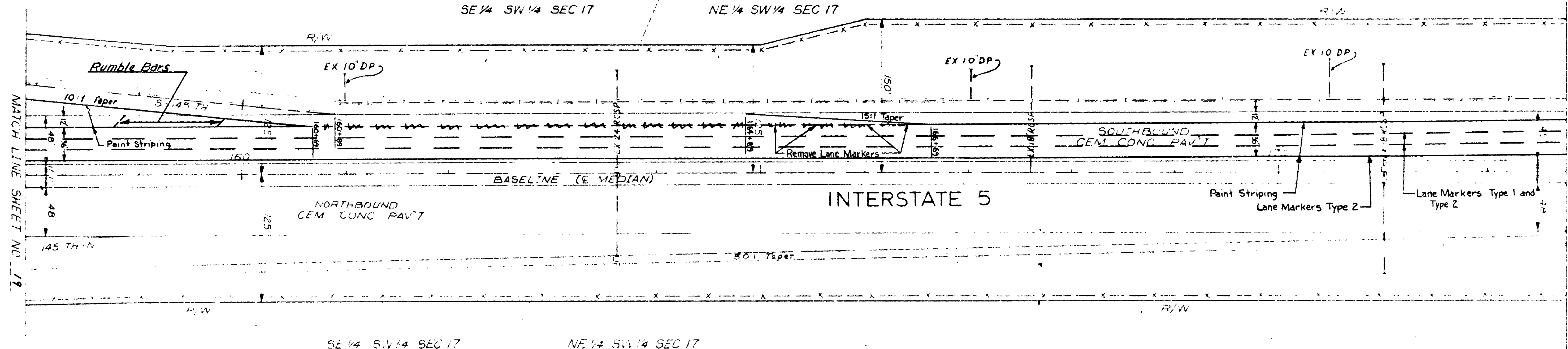
SR 5/23.50

KING COUNTY

T. 26 N. R. 4 E. W.M.

SECTION NO. 10 STATE WASH. FEDERAL AID PROJECT NO. 1-5-3(544)174 SHEET NO. 20 OF 68

79W093

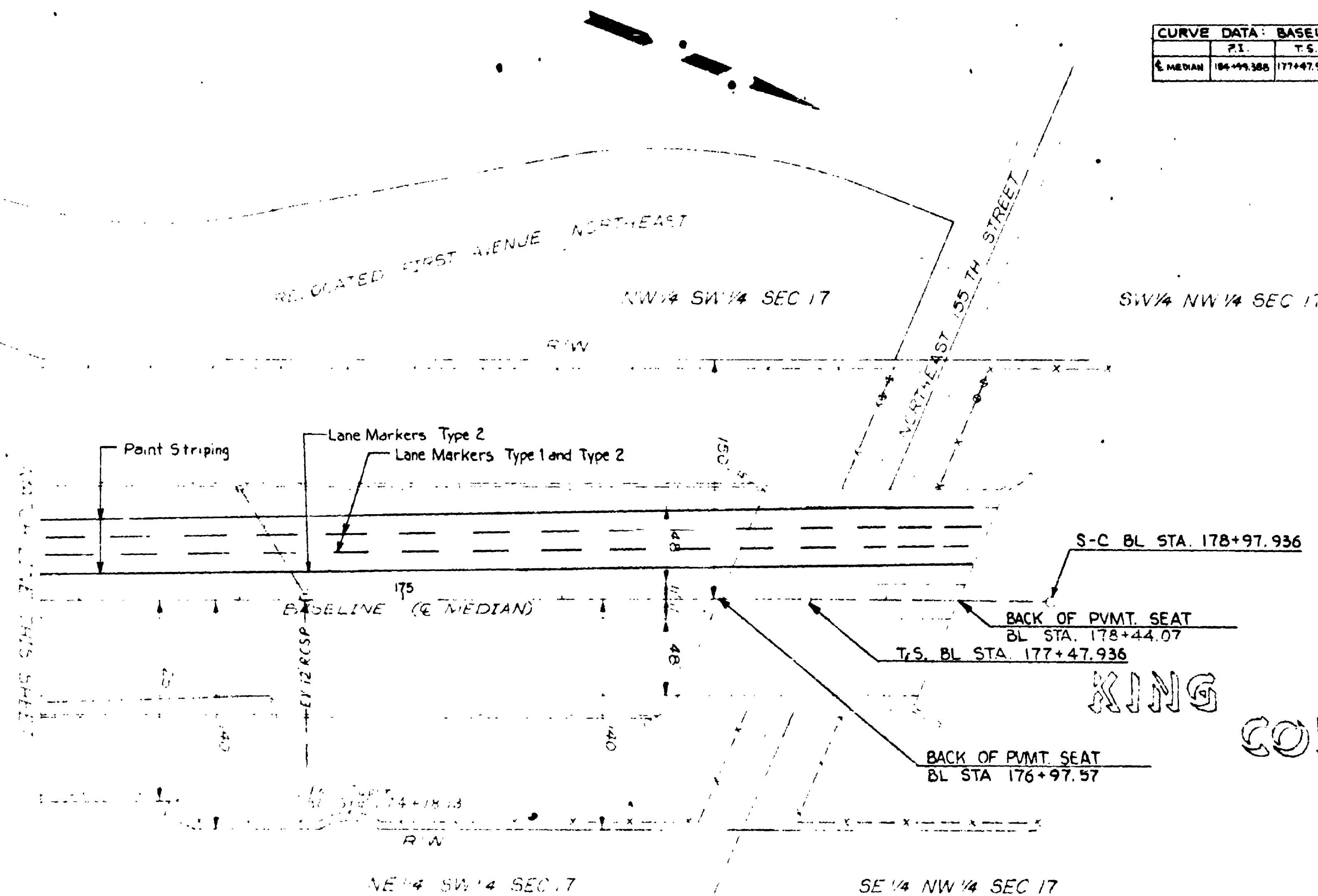


| CURVE DATA: BASELINE | | | | | | | | | | | | | | SPIRAL DATA | | | |
|----------------------|------------|------------|------------|------------|------------|---------------|-------------|---------|----------|---------|----------|--------|-----|-------------|---------|--|--|
| STATION | P.T. | T.S. | S.C. | C.S. | E.T. | A | CA | D | R | L | T | S | a | DE | LS | | |
| E. MEDIAN | 184+99.388 | 177+47.936 | 178+97.936 | 190+43.268 | 172+13.268 | 37° 55' 00" R | 27° 04' 00" | 2.30000 | 2291.831 | 169.333 | 1751.492 | 0.0571 | 175 | 1° 52' 30" | 1.50000 | | |

| NEW SOUTHBOUND LANE ALIGNMENT | | | | |
|-------------------------------|----------------------|-----------|-----------|----------------------|
| STATION | WEST PVMT. EDGE LINE | LANE LINE | LANE LINE | EAST PVMT. EDGE LINE |
| 178+50 | 59.00' | 47.00' | 35.00' | 23.00' |
| 178+00 | 58.88' | 46.88' | 34.88' | 22.88' |
| 177+50 | 58.50' | 46.50' | 34.50' | 22.50' |
| 177+00 | 57.88' | 45.88' | 33.88' | 21.88' |
| 176+50 | 57.00' | 45.00' | 33.00' | 21.00' |
| 176+00 | 56.00' | 44.00' | 32.00' | 20.00' |
| 175+50 | 55.00' | 43.00' | 31.00' | 19.00' |
| 175+00 | 54.00' | 42.00' | 30.00' | 18.00' |
| 174+50 | 53.00' | 41.00' | 29.00' | 17.00' |
| 174+00 | 52.00' | 40.00' | 28.00' | 16.00' |
| 173+50 | 51.00' | 39.00' | 27.00' | 15.00' |
| 173+00 | 50.00' | 38.00' | 26.00' | 14.00' |
| 172+50 | 49.00' | 37.00' | 25.00' | 13.00' |
| 172+00 | 48.12' | 36.12' | 24.12' | 12.12' |
| 171+50 | 47.50' | 35.50' | 23.50' | 11.50' |
| 171+00 | 47.12' | 35.12' | 23.12' | 11.12' |
| 170+50 | 47.00' | 35.00' | 23.00' | 11.00' |

DISTANCES LT. FROM E

FOR "AS CONSTRUCTED PLANS" ONLY



KING COUNTY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

S.B. LANE REALIGNMENT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY



| | | |
|---------|---|------|
| 6-20-79 | Initial Lane Markers, Rev. Paint Striping | R.B. |
| DATE | REVISION | BY |

CONTRACT NUMBER 1626 SHEET 20 OF 68 SHEETS

APPROVED May 25, 1979

SR 5

STRUCTURE NOTES

REGION NO. 10 STATE WASH. FED. AID PROJECT NO. 1-5-3(544)174 SHEET NO. 21 of 68

75W053

| CODE DESIGNATION | | STATION | OFFSET | OFFSET | DITCH EXCAVATION INCLUDING HAUL | GRATE INLET TYPE 1 OR 2 | ASPHALT CONCRETE SPILLWAY | HAND PLACED RIPRAP | UNDERDRAIN PIPE 6 IN. DIAM. | DRAIN PIPE 6 IN. DIAM. | SCHEDULE A CULVERT PIPE 12 IN. DIAM. | SCHEDULE A CULVERT PIPE 18 IN. DIAM. | MANHOLE UNDER 12 FEET 22 INCH DIAM. | CATCH BASIN TYPE 1 | CATCH BASIN TYPE 2 | SPECIAL CATCH BASIN | TESTING SEWER PIPE | CLASS II REINFORCED CONCRETE SEWER PIPE 12 INCH. | CLASS II REINFORCED CONCRETE SEWER PIPE 18 INCH. | CLASS II REINFORCED CONCRETE SEWER PIPE 24 INCH. | STRUCTURE EXCAVATION CLASS B | SHOULDER AND CRACKING OR EXTRA EXCAVATION CLASS B | GRAVEL BACKFILL FOR FOUNDATION CLASS B | GRAVEL BACKFILL FOR PIPE BEDDING | GRAVEL BACKFILL FOR DRAIN | ADJUST MANHOLE | ADJUST GRATE INLET | NOTES | REMARKS | | | | |
|--|---------------------------|---------------------------------|--------|--------|---------------------------------|-------------------------|---------------------------|--------------------|-----------------------------|------------------------|--------------------------------------|--------------------------------------|-------------------------------------|--------------------|--------------------|---------------------|--------------------|--|--|--|------------------------------|---|--|----------------------------------|---------------------------|----------------|--------------------|-------|---------|--|---|--|--|
| The first number of "CODE DESIGNATION" refers to the sheet number of the contract plans. The second number refers to the construction feature found on the particular sheet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23-1 | BL 134+25 to BL 134+35 | 95 LF | | | | | | | 40 | 20 | | | | | | | | | | | | 80 | | | 72 | | | | | | Connect 6" DP to 6" VDP. Drain to A.C. Ditch | | |
| 23-2 | BL 134+30 to BL 137+20 | 95 LF | 105 LF | | | | | | | 33 1/2 | | | | | | | | | | | | 33 1/2 | | | | | | | | | Connect 6" UDP to Grate Inlet. See Highway Sections For A.C. Ditch Detail | | |
| 23-3 | BL 136+65 to BL 139+75 | 100 LF | 120 LF | | | | | | | 80 | | | | | | | | | | | | 43 1/2 | 1260 | | 16 | | | | | | 5 | Connect New C.B. to Existing Manhole. Remove Existing Inlet | |
| 23-4 | FS 11+40 | 20 LF | | | | | | | | | | | | | | | | | | | | 33 1/2 | | 34 | | | | | | | 7 | Raise M.H. to Grade. Connect 6" DP to Exist 6" UDP. Outlet to M.H. | |
| 23-5 | T-S 10+75 to T-S 11+15 | 2 LF | 5 LF | | | | | | | 46 | | | | | | | | | | | | 23 | | 22 | | | | | | | Connect 6" DP to Exist 6" UDP. Outlet to Ditch. | | |
| 23-6 | T-N 12+75 to T-N 13+40 | 5 LF | 22 LF | | | | | | | | | | | | | | | | | | | 29 1/2 | | | | | | | | | | | |
| 24-1 | T-N 13+75 | 7 LF | 30 LF | | | | | | | | | | | | | | | 20 | | 20 | | 32 1/2 | | | 7 1/2 | | | | | | 18 | Remove Exist Inlet. Extend 24" Pipe. See Special Provisions | |
| 24-2 | T-N 14+50 | 27 LF | 18 LF | | | | | | | 67 | | | | | | | | | | | | 5 1/2 | | | 4 1/2 | | | | | | 43 | | |
| 24-3 | T-N 16+60 | 18 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-4 | Trail B 1+68 | 30 LF | | | | | | | | | | | | | | | | | | | | 3 1/2 | | | | | | | | | | Outlet to A.C. Ditch | |
| 24-5 | Trail B 3+28 to T-N 18+43 | 975 LF | | | | | | | | | | | | | | | | | | | | 7 1/2 | | | | | | | | | | 1 | |
| 24-6 | BL 145+50 to BL 147+00 | 95 LF | 75 LF | | | | | | | | | | | | | | | | | | | 24 1/2 | | 4 1/2 | | | | | | | | See Ditch Section And Ditch Profile Sheets 26, 28 | |
| 24-7 | T-N 18+43 to BL 147+00 | 975 LF | 75 LF | | | | | | | | 52 | | | | | | | | | | | 2 1/2 | | | 1 1/2 | | | | | | | One Beveled End Only | |
| 24-8 | Trail A 5+43 to T-N 18+43 | 4 | 725 LF | | | | | | | | 20 | | | | | | | | | | | 4 1/2 | | | 19 1/2 | | | | | | | | |
| 24-9 | Trail A 5+03 to 5+43 | 32 LF | | | | | | | | | | | | | | | | | | | | 4 1/2 | | | | | | | | | | Connect 6" DP to 6" UDP Behind Rock Wall. Outlet to Str. Note 24-8 | |
| 24-10 | Wall 4 0+00 to T-N 18+43 | 2 LF | 975 LF | | | | | | | | | | | | | | | | | | | 2 1/2 | | 0 1/2 | | | | | | | | Connect 6" DP to 6" UDP Behind Wall. Outlet to Str. Note 24-7 | |
| 24-11 | BL 147+00 to BL 148+60 | 75 LF | 70 LF | | | | | | | | | | | | | | | | | | | 2 1/2 | | 6 1/2 | | | | | | | | Drain Existing Bridge Drain Into Special C.B. | |
| 24-12 | BL 148+60 to BL 149+20 | 70 LF | 70 LF | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | Drain Existing Bridge Drain Into Special C.B. | |
| 24-13 | NE 145th 4+65 | 407 LF | | | | | | | | | | | | | | | | | | | | 12 1/2 | | 1 | | | | | | | | 16 | Remove Exist C.B. Connect to Exist Pipe With Conc. Collar |
| 24-14 | NE 145th 4+72 | 407 LF | | | | | | | | | | | | | | | | | | | | 9 1/2 | | 1 | | | | | | | | 16 | Remove Exist C.B. Connect to Exist Pipe With Conc. Collar. Plug Exist Outlet |
| 24-15 | 5th NE 149+70 | 46 LF | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | 6 | Connect New C.B. to Exist. RCSP |
| 24-16 | NE 145th 4+96 | 66 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-17 | NE 145th 4+72 to 4+35 | 402 LF | 110 LF | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | Drain to Existing Inlet | |
| 24-18 | Trail A 2+05 | 8 | | | | | | | | | | | | | | | | | | | | 34 | | | 38 | | | | | | | | |
| 24-19 | Trail A 1+07 to 2+05 | 4 LF | 46 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Connect 6" UDP From Behind Rock Wall to Str. Note 24-18 | |
| 24-20 | Trail A 1+07 | 4 LF | 46 LF | | | | | | | | | | | | | | | | | | | 3 1/2 | | | | | | | | | | | |
| 24-21 | 5th NE 152+05 | 45 LF | 85 LF | | | | | | | | | | | | | | | | | | | 8 1/2 | | | | | | | | | | | |
| 24-22 | Trail A 2+28 | 2 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-23 | Trail A 2+76 | 8 | 25 LF | | | | | | | | | | | | | | | | | | | 5 1/2 | | | | | | | | | | | |
| 24-24 | Trail A 3+16 | 3 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-25 | Trail A 3+50 | 8 | 40 LF | | | | | | | | | | | | | | | | | | | 5 1/2 | | | | | | | | | | | |
| 24-26 | BL 149+55 to 152+50 | 240 LF | 100 LF | | | | | | | | | | | | | | | | | | | 13 1/2 | | | 15 1/2 | | | | | | | See Ditch Section And Ditch Profile Sheets 26, 28 | |
| 24-27 | T 145 1+35 | 26 LF | 24 LF | | | | | | | | | | | | | | | | | | | 2 1/2 | | | 5 1/2 | | | | | | | Beveled End Sections | |
| 24-28 | BL 153+35 to 153+85 | 100 LF | 75 LF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Connect to Existing UDP | |
| 24-29 | REL 145th 4+50 | 28 LF | | | | | | | | | | | | | | | | | | | | 11 1/2 | | | | | | | | | | Connect to Existing 24" RCSP | |
| SHEET TOTAL | | | | | 24 LF | 2 | | | 35 | 986 | 243 | 290 | 7 | 2 | 10 | 2 1/2 | 4 1/2 | 17 | 20 | 506 | 1466 | 413 | 207 | 6 | 2 | | | | | | | | |
| | | FOR "AS CONSTRUCTED PLANS" ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:

- See Drainage Profile
- No Acceptable Alternate
- Concrete Pipe Not Acceptable
- Provide Beveled End Section Both Ends
- Concrete Or V.C. Pipe Not Acceptable
- Acceptable Alternates Are Treatment 5 Steel Or Aluminum Sewer Pipe 0.064 Inches And 0.060 Inches Thick Respectively 12 Inch Diameter
- Acceptable Alternates Are Treatment 5 Steel Or Aluminum Sewer Pipe 0.064 Inches And 0.060 Inches Thick Respectively 18 Inch Diameter
- Acceptable Alternates Are Treatment 5 Steel Or Aluminum Sewer Pipe 0.064 Inches And 0.060 Inches Thick Respectively 24 Inch Diameter
- Steel Pipe Shall Be Treatment 2. Rubber Gaskets Required.

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

STRUCTURE NOTES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BAILEY

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APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 21 OF 68 SHEETS

525,285-0

| REGION NO. | STATE | FED. AID PROJECT NO. | SHEET NO. |
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| 10 | WASH. | I-5-3(544)174 | 22 of 68 |

FOR "A5 CONSTRUCTED
PLANS" ONLY

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22 OF 68 PAGES

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| 6-20-75 | Added Ref. Note No. To Str Note 24-48 |
| DATE | REVISION |

CONTRACT NUMBER 1626

22 OF 68 PAGES

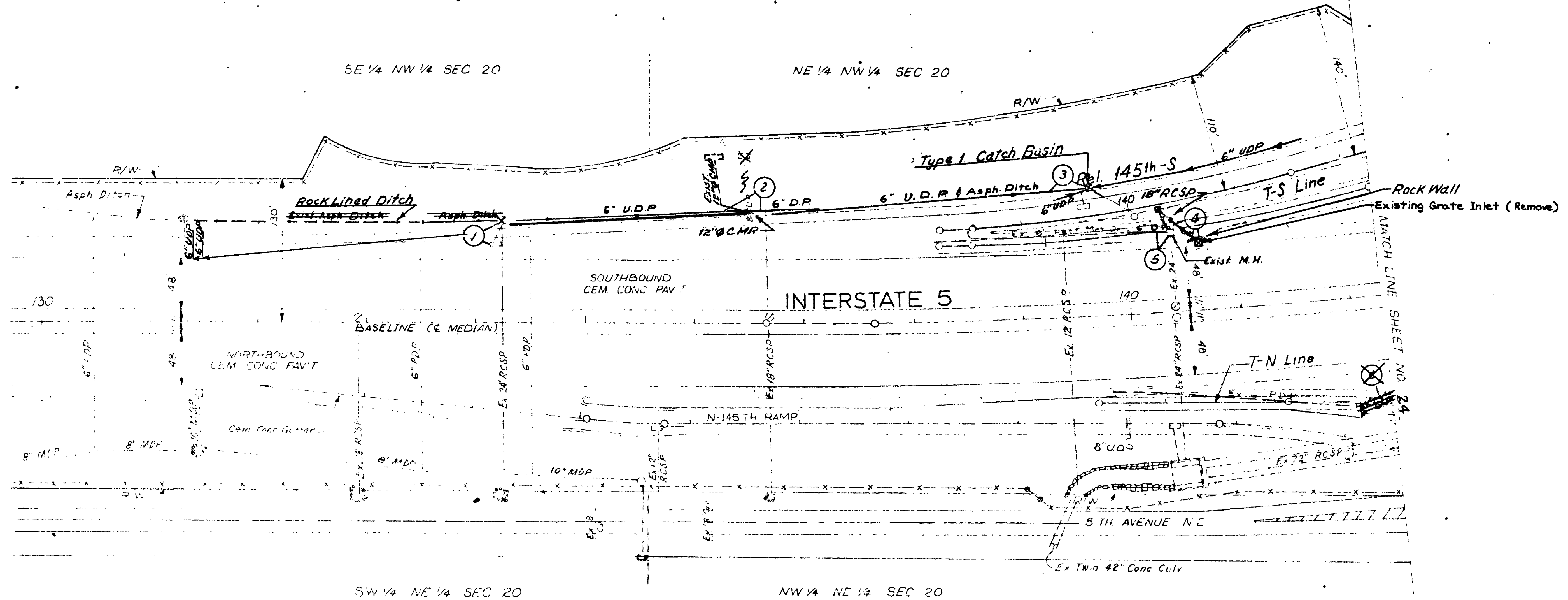
525/2350

CITY OF SEATTLE

T. 26 N. R. 4 E. W.M.

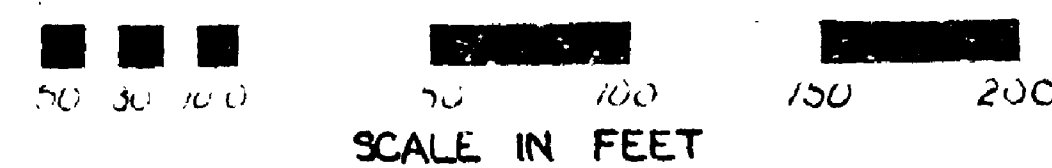
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|------------|-------|-------------------------|-----------|
| 10 | WASH. | I-5-3(544) 174 | 23 of 68 |

75W053



LEGEND

- Manhole
- Type 2 Catch Basin
- Type 1 Catch Basin
- Special Catch Basin
- Grate Inlet



FOR "AS CONSTRUCTED" PLANS ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

DRAINAGE PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

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APPROVED May 25, 1975
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SR 5 5350

SR 5
N.E. 145th St. Flyer Stop - Stage 1
KING COUNTY
Sheet 23 of 68

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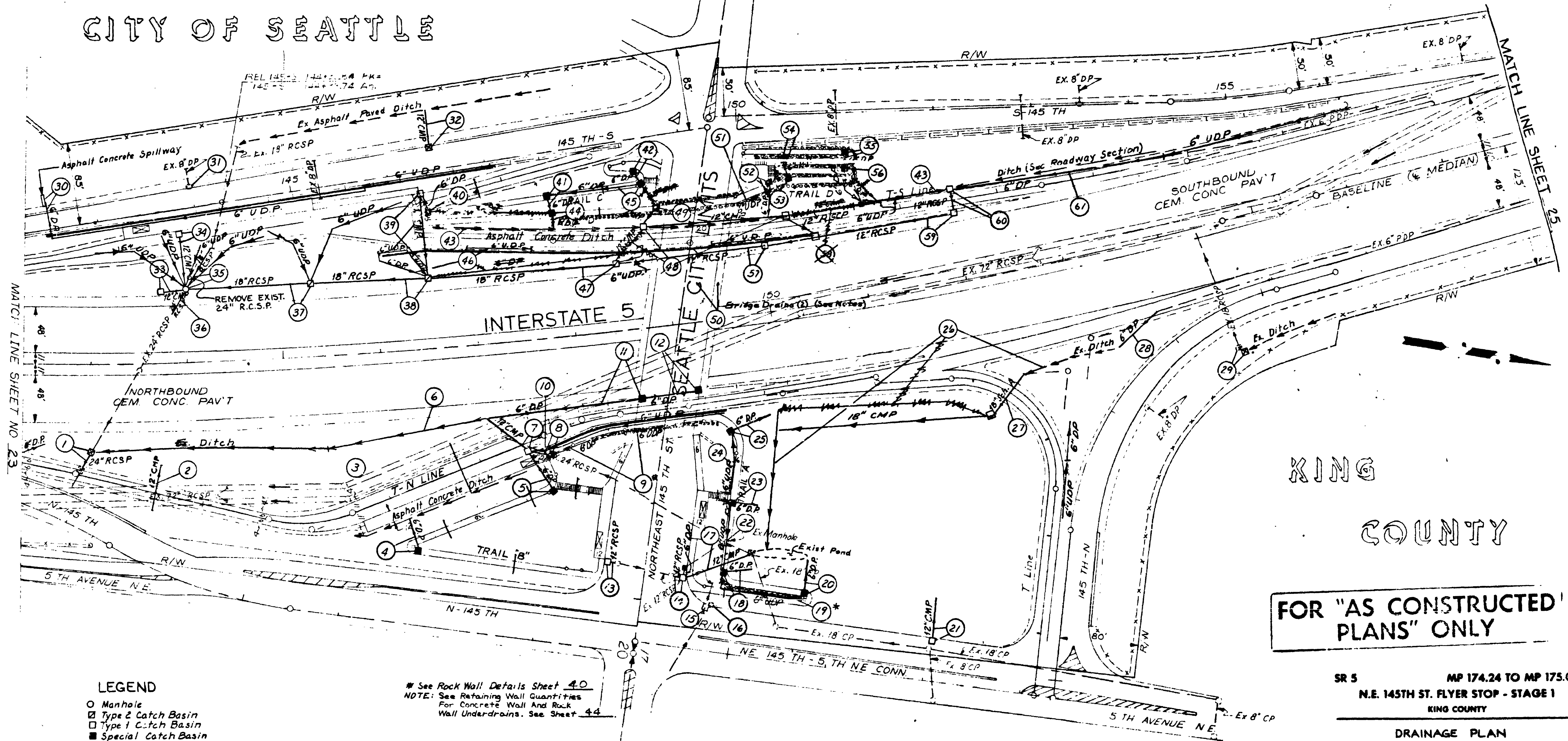
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|-------------|-------|-------------------------|-----------|
| 10 | WASH. | I-5-3 (544) 174 | 24 of 68 |

75W053

NE 1/4 NW 1/4 SEC. 20

SE 1/4 SW 1/4 SEC. 17

CITY OF SEATTLE



LEGEND

- Manhole
- ▣ Type 2 Catch Basin
- ▣ Type 1 Catch Basin
- ▣ Special Catch Basin
- ▣ Grate Inlet

* See Rock Wall Details Sheet 40

NOTE: See Retaining Wall Quantities
For Concrete Wall And Rock
Wall Underdrains. See Sheet 44

NW 1/4 NE 1/4 SEC. 20

SW 1/4 SE 1/4 SEC. 17

FOR "AS CONSTRUCTED"
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

DRAINAGE PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

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CONTRACT NUMBER 1621
APPROVED May 25, 1975
SHEET 24 OF 68 SHEETS

Scale In Feet
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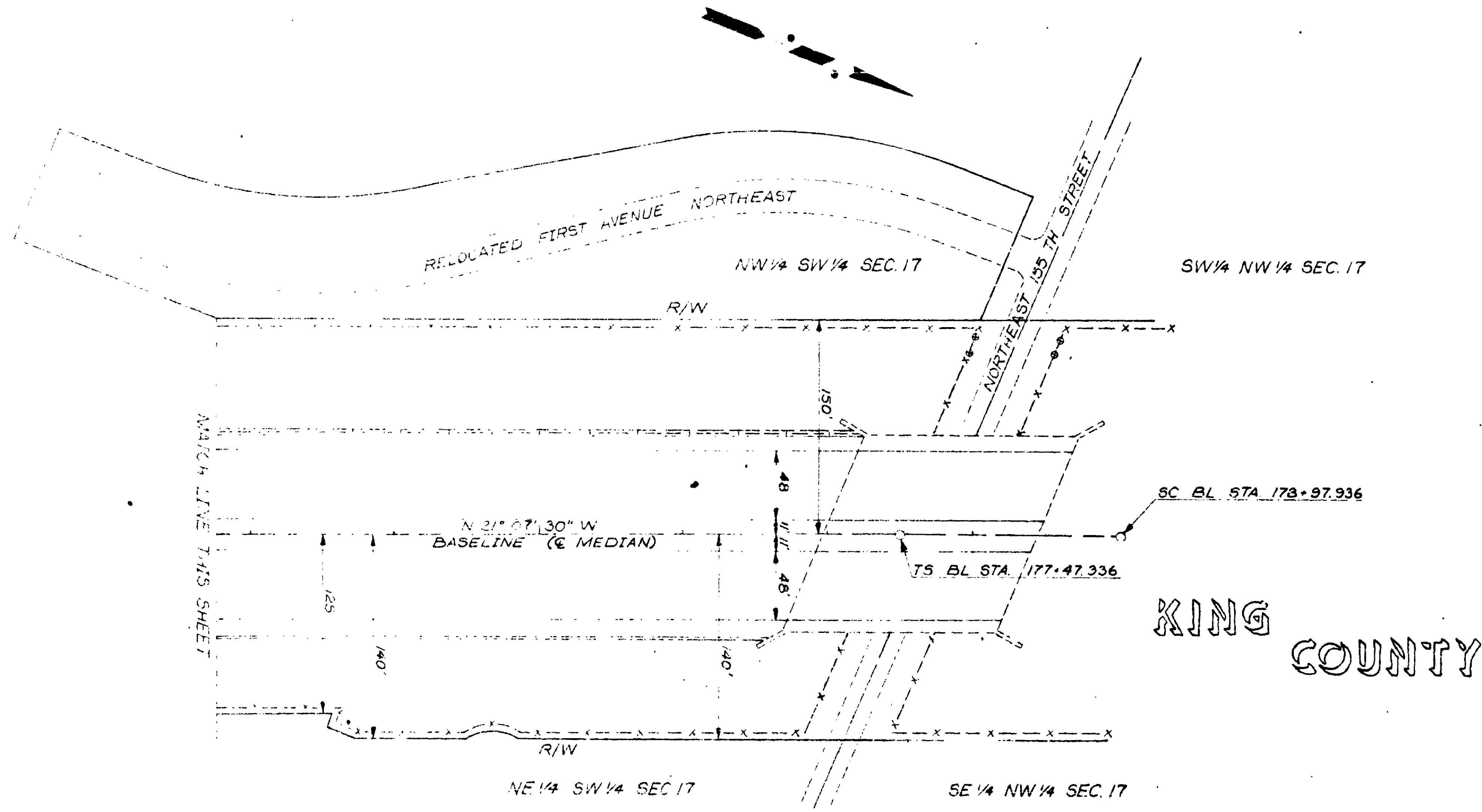
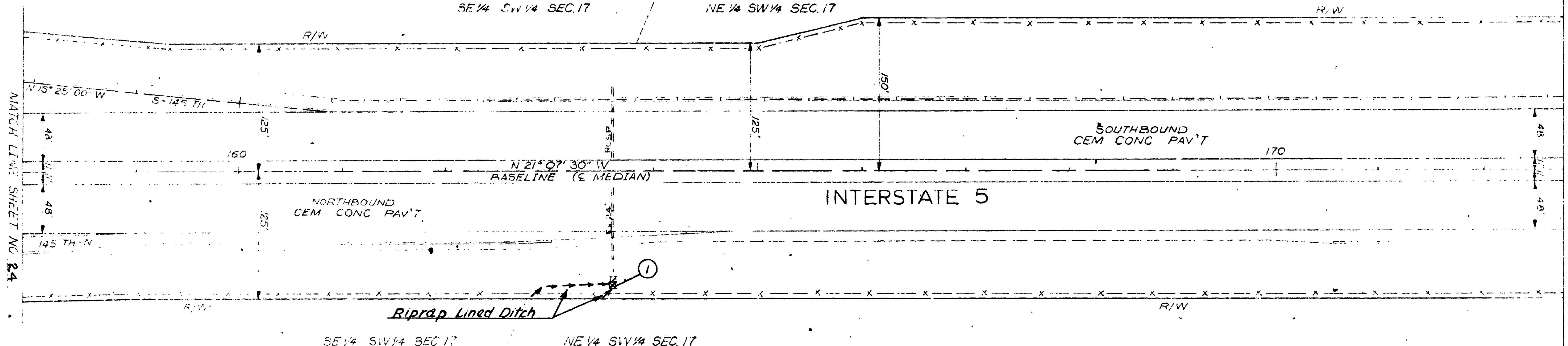
SR5 2350

SR5
145th Flyer Stop Stage 1
King County
Drainage Plan
Sheet 24 of 68

KING COUNTY

T. 26 N. R. 4 E. W.M.

REG. ON NO. STATE FEDERAL AID PROJECT NO. SHEET NO.
TO WASH. I-5-3(544) 174 25 of 68
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PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

DRAINAGE PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

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CONTRACT NUMBER 1626 SHEET 25 OF 68 SHEETS

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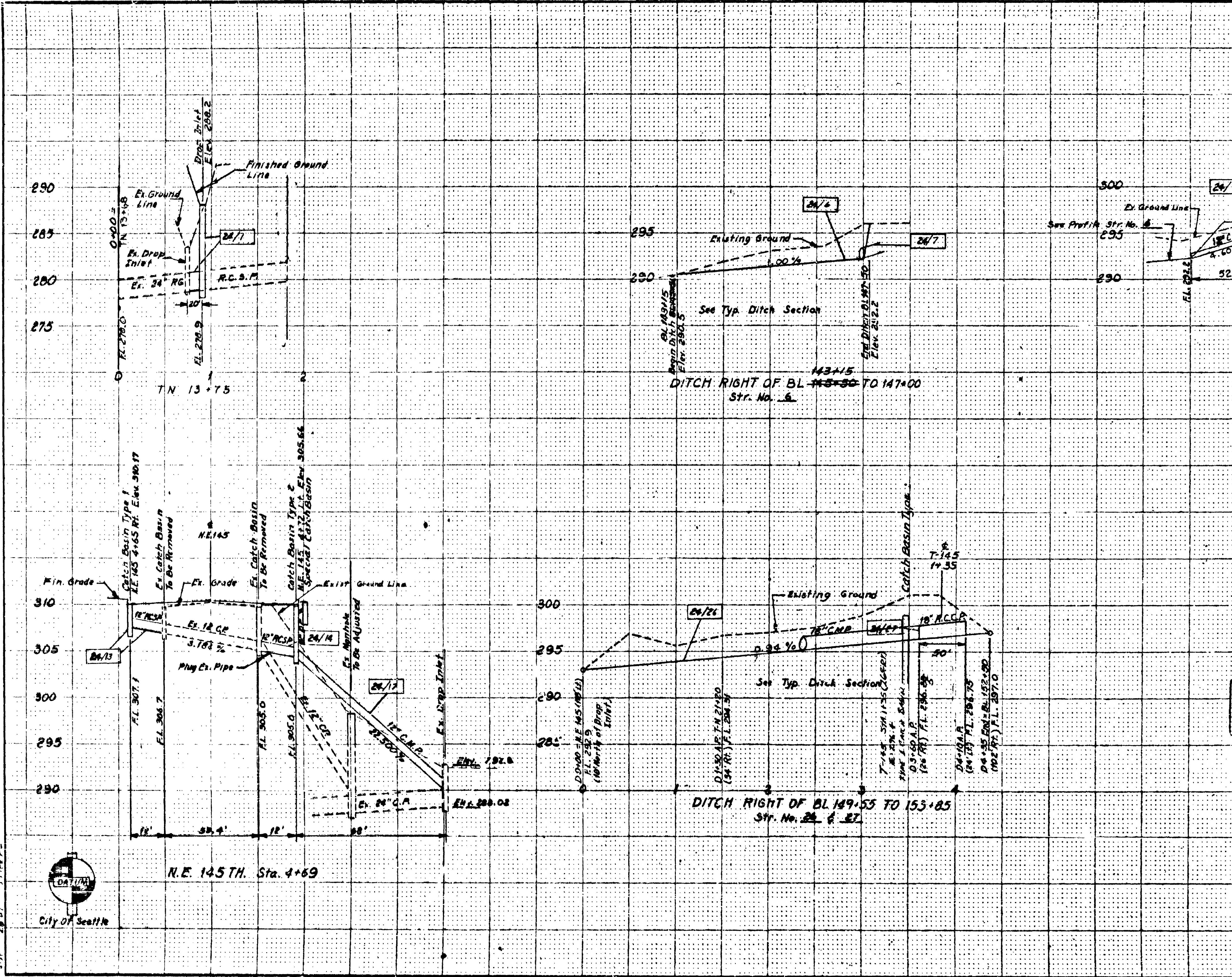
SR 5
145th Flyer Stop Stage 1
King County
L-4352
Drainage
Sheet 25 of 68

GROUND LINE PLOTTED
DRAINAGE PLOTTED
TEMPERATURE PLOTTED
TEMPERATURE PLOTTED

DATE
BY
CHECKED
APPROVED

DATE
BY
CHECKED
APPROVED

SR 5
145th Flyer Stop Stage 1
King County
DRAINAGE PROFILES
SR 5-26 of Streets



LEGEND
XX/YY
"XX" Refers to the sheet number of the contract plans.
"YY" Refers to the construction feature found on the particular sheet.

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

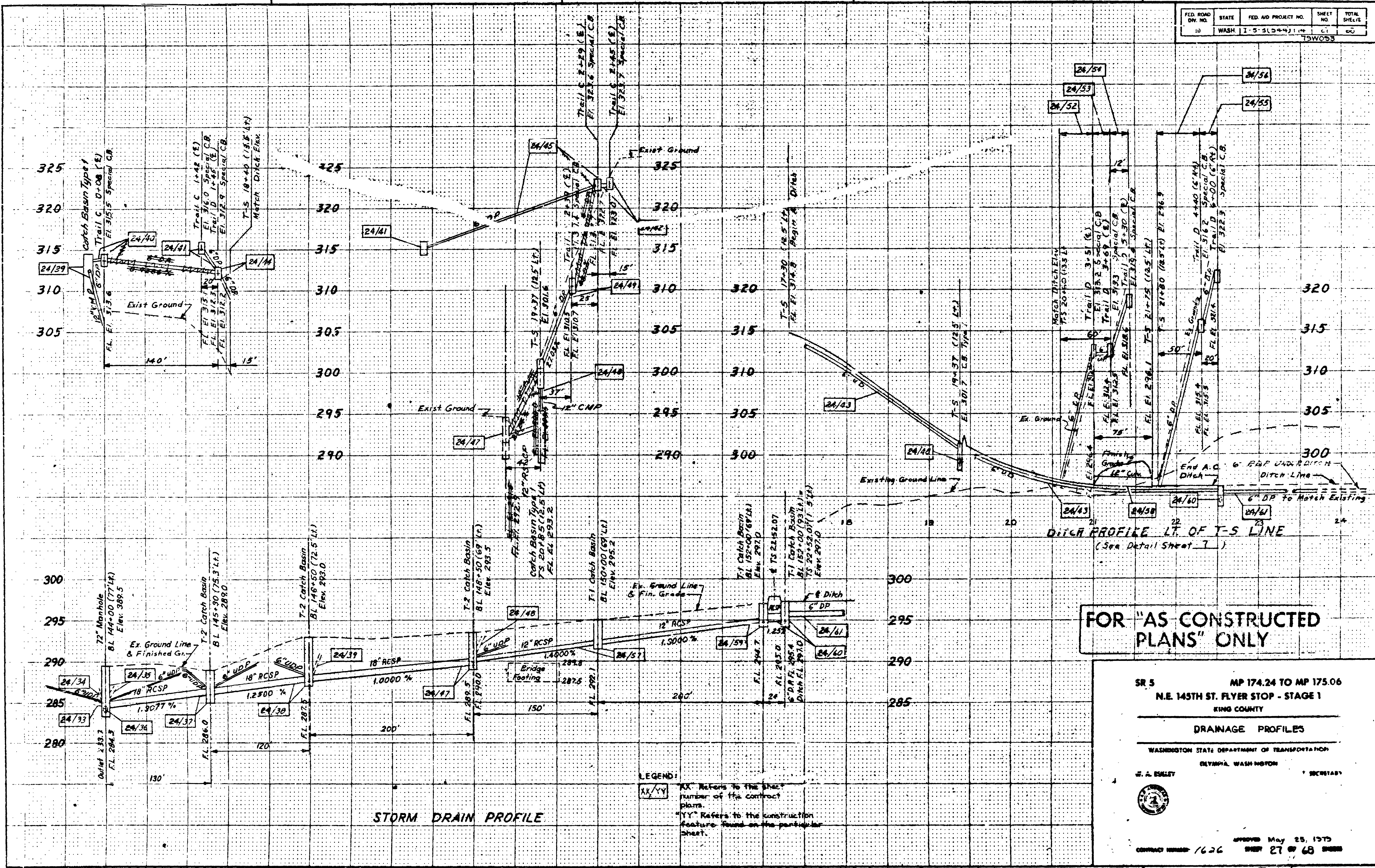
DRAINAGE PROFILES

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OLYMPIA, WASHINGTON

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APPROVED May 25, 1978
CONTRACT NUMBER 1626 SHEET 26 OF 68





FOR "AS CONSTRUCTED PLANS" ONLY

LEGEND:
 XX/YY: XX Refers to the sheet number of the contract plans.
 YY Refers to the construction feature found on the particular sheet.

SR 5 MP 174.24 TO MP 175.06
 N.E. 145TH ST. FLYER STOP - STAGE 1
 KING COUNTY

DRAINAGE PROFILES

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 OLYMPIA, WASHINGTON

J. A. BULEY
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 CONTRACT NUMBER 1626 SHEET 27 OF 68

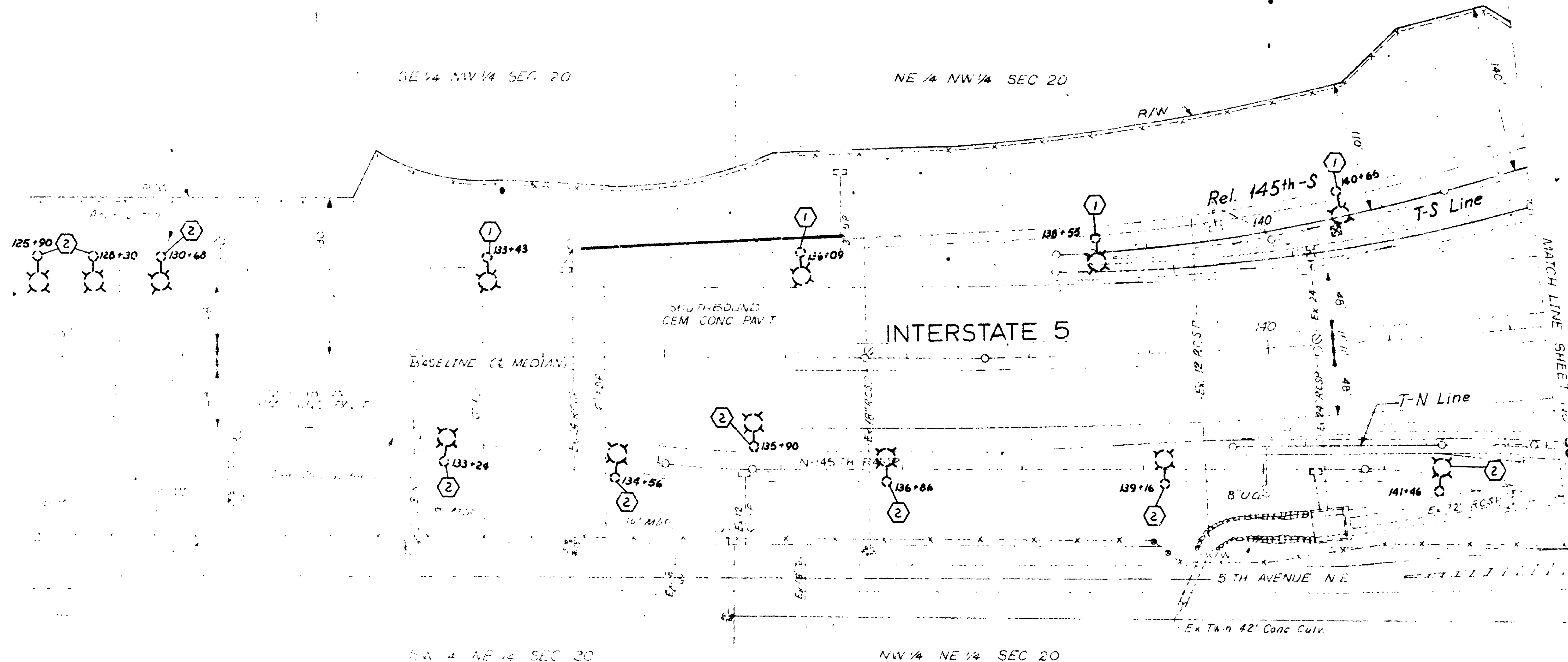
115 Flyer Stop Stage 1
 King County
 145th St
 Drainage Profiles
 Sheet 27 of 68

CITY OF SEATTLE

T. 26 N. R. 4 E. W.M.

| REGION NO. | STATE | FEDERAL AID PROJECT NO. | SHEET NO. |
|------------|-------|-------------------------|-----------|
| 10 | WASH. | I-5-3 (544) 174 | 29 of 68 |

79 W 093



NOTE:

The Information Shown on These Utilities Plansheets Is Approximate. The State Does Not Guarantee The Accuracy Of This Information Or That All Existing Underground Or Overhead Facilities Are Shown. It Shall Be The Responsibility Of The Contractor To Contact All Applicable Utilities To Verify The Accuracy And Completeness Of These Utility Locations

Existing Utilities Legend

- Utility Pole
- ⊗ Luminaire
- Utility Manhole
- Utility Vault
- Anchor Line
- ⊗ Junction Box
- ⊗ Traffic Signal Controller & Cabinet

- Ex. 8"S--Sewer Line
- Ex. 10"W--Water Line
- Ex. 6"G--Gas Line
- Ex. BT--Buried Telephone Cable
- Ex. BP--Buried Power Line
- Ex. OP--Overhead Power Line
- Ex. OS--Overhead Signal Line

- ① Remove entire base (See Special Provisions)
- ② Remove base to a depth of not less than 18" below finished grade (See Special Provisions)
- ③ Remove entire base. Luminaire, pole & mast arm assembly to be salvaged and returned to King County Dept. of Public Works. (See Special Provisions)

Scale in Feet

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

EXISTING UTILITIES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

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APPROVED May 25, 1979
CONTRACT NUMBER 1626 SHEET 29 OF 68 SHEETS

SR 5/125

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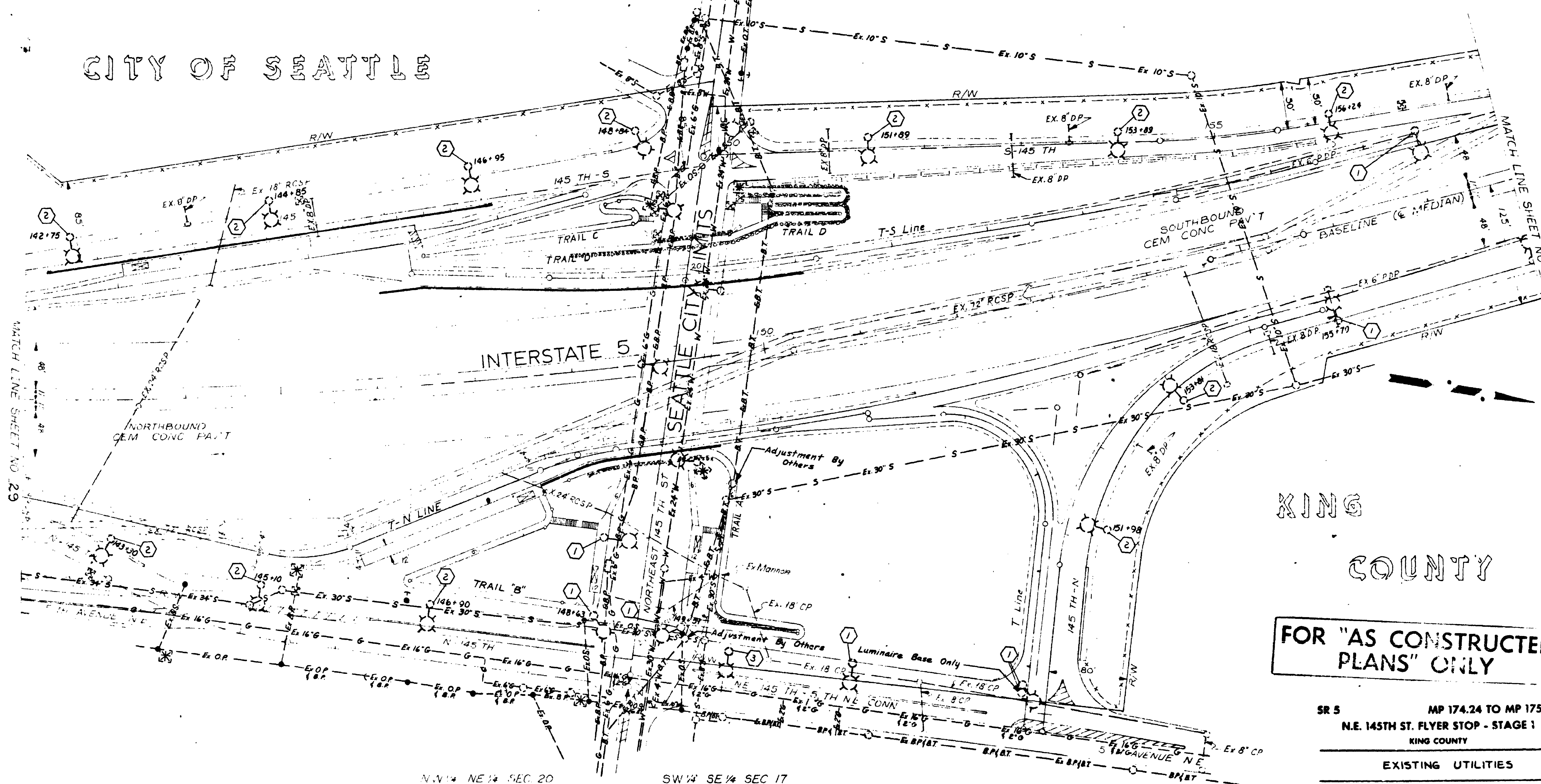
NE 1/4 NW 1/4 SEC 20

SE 1/4 SW 1/4 SEC 17

| REGION NO. | STATE | FEDERAL AID PROJECT NO. | SHEET NO. |
|------------|-------|-------------------------|-----------|
| 10. | WASH. | I-5-3 (544) 174 | 30 OF 68 |

75W053

CITY OF SEATTLE



KING
COUNTY

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

EXISTING UTILITIES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. SULLY

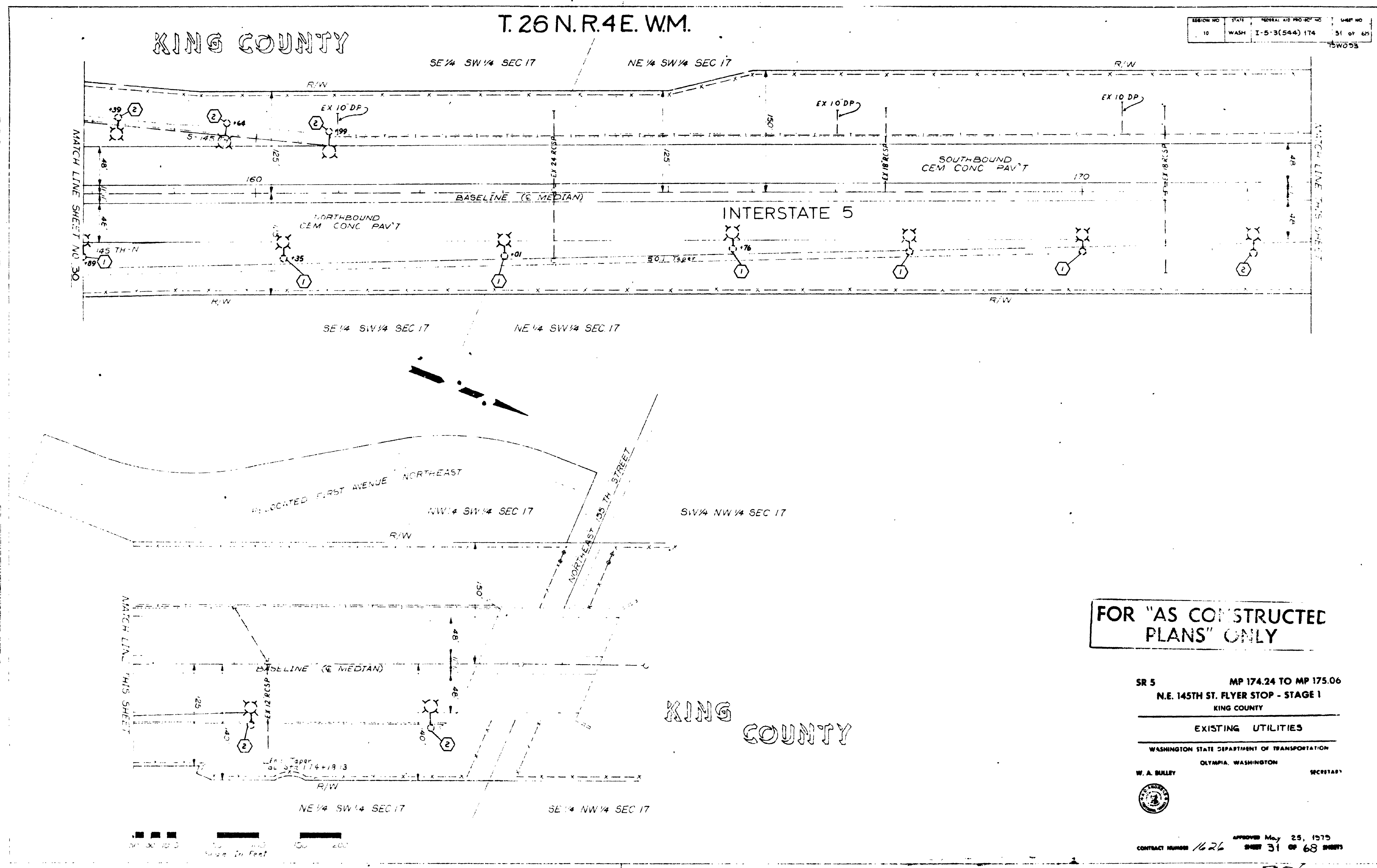
SECRETARY



APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 30 OF 68 SHEETS

50 100 150 200
Scale In Feet

SR 5/2350



SECTION NO. 10
STATE WASH.
GENERAL AID PROJ. NO. I-5-3(544) 174
SHEET NO. 31 OF 65

SECTION NO. 10
STATE WASH.
GENERAL AID PROJ. NO. I-5-3(544) 174
SHEET NO. 31 OF 65

SR 5
N.E. 145th St. Flyer Stop Stage 1
King County
S. 145th St. Flyer Stop
S. 145th St. Flyer Stop

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

EXISTING UTILITIES
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W. A. BULLY SECRETARY



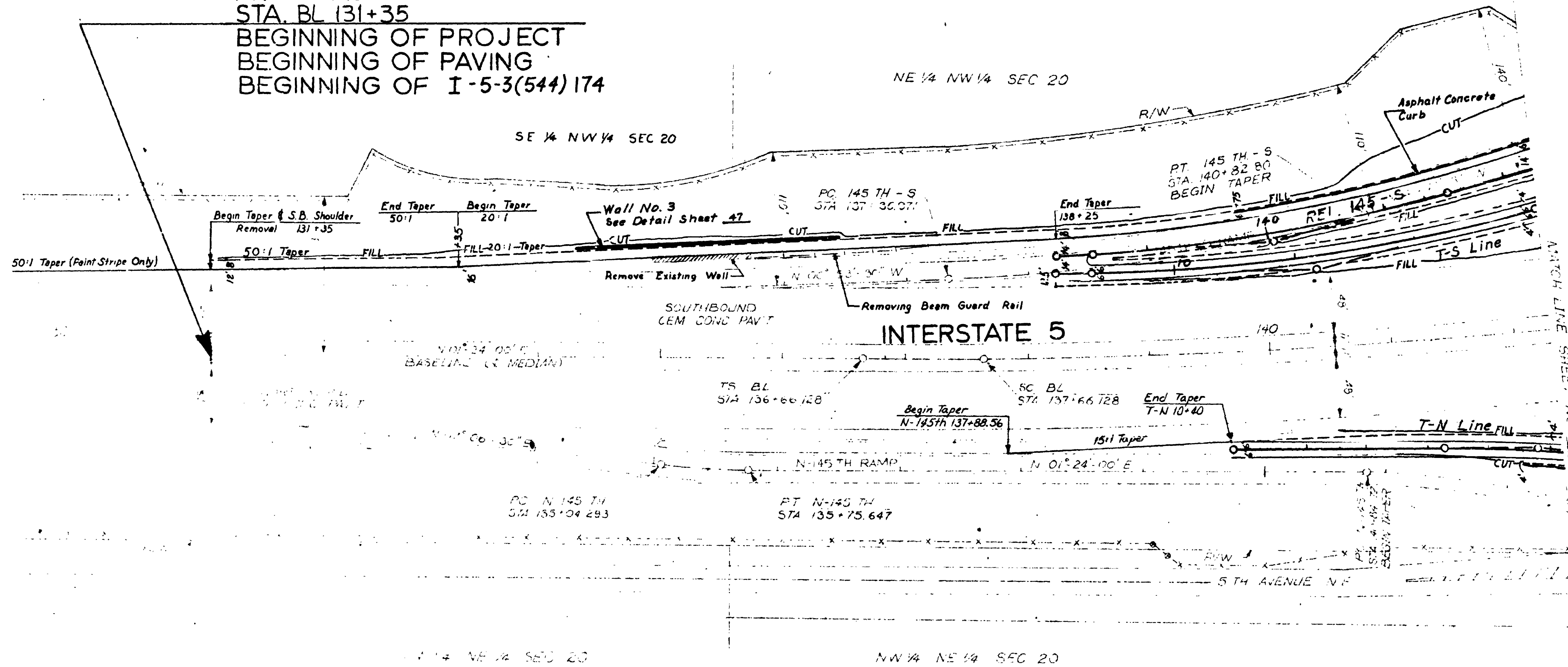
APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 31 OF 65

SR 5 2350

CITY OF SEATTLE

SR 5
MP 174.24
STA. BL 131+35
BEGINNING OF PROJECT
BEGINNING OF PAVING
BEGINNING OF I-5-3(544)174

T. 26 N. R. 4 E. W.M.



| | A | B | R | L | T | S |
|----|--------|--------|--------|--------|--------|--------|
| 1 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 2 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 3 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 4 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 5 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 6 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 7 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 8 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 9 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |
| 10 | 131.35 | 136.66 | 137.36 | 137.66 | 138.25 | 138.25 |

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

PAVING PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY

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CONTRACT NUMBER 1626 APPROVED May 25, 1979
SHEET 32 OF 68 SHEETS

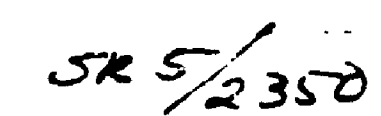
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|---------|------------------------|------|
| DATE | REVISION | BY |
| 6-20-79 | Rev. Beginning Station | J.K. |

SR 5
145th Flyer Stop Stage 1
King County
L 4352
Paving
Sheet 32 of 68

SE 1/4 SW 1/4 SEC. 17



CONTRACT NUMBER 1626

2 SHEET 33 OF 68 SHEETS

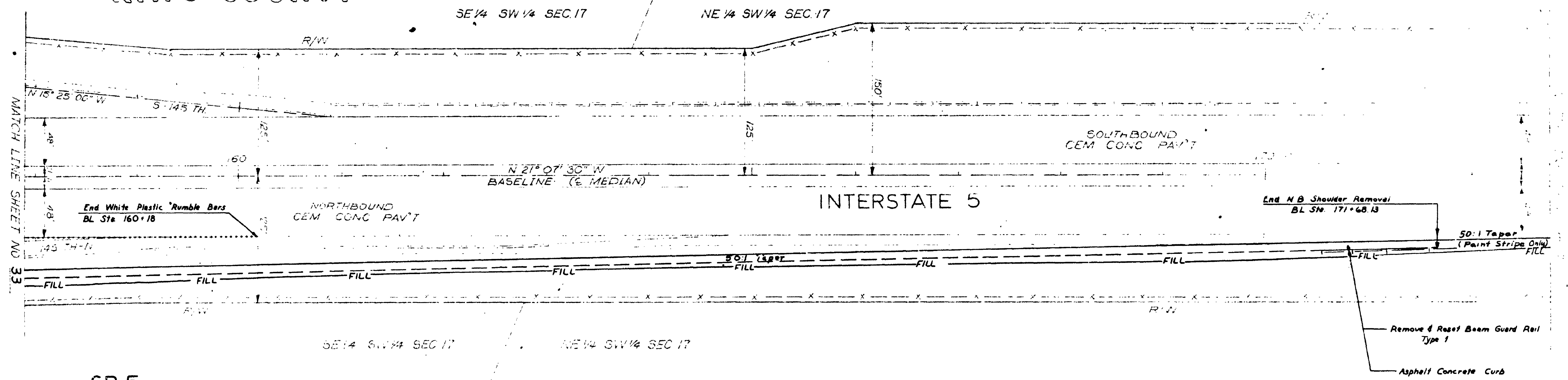
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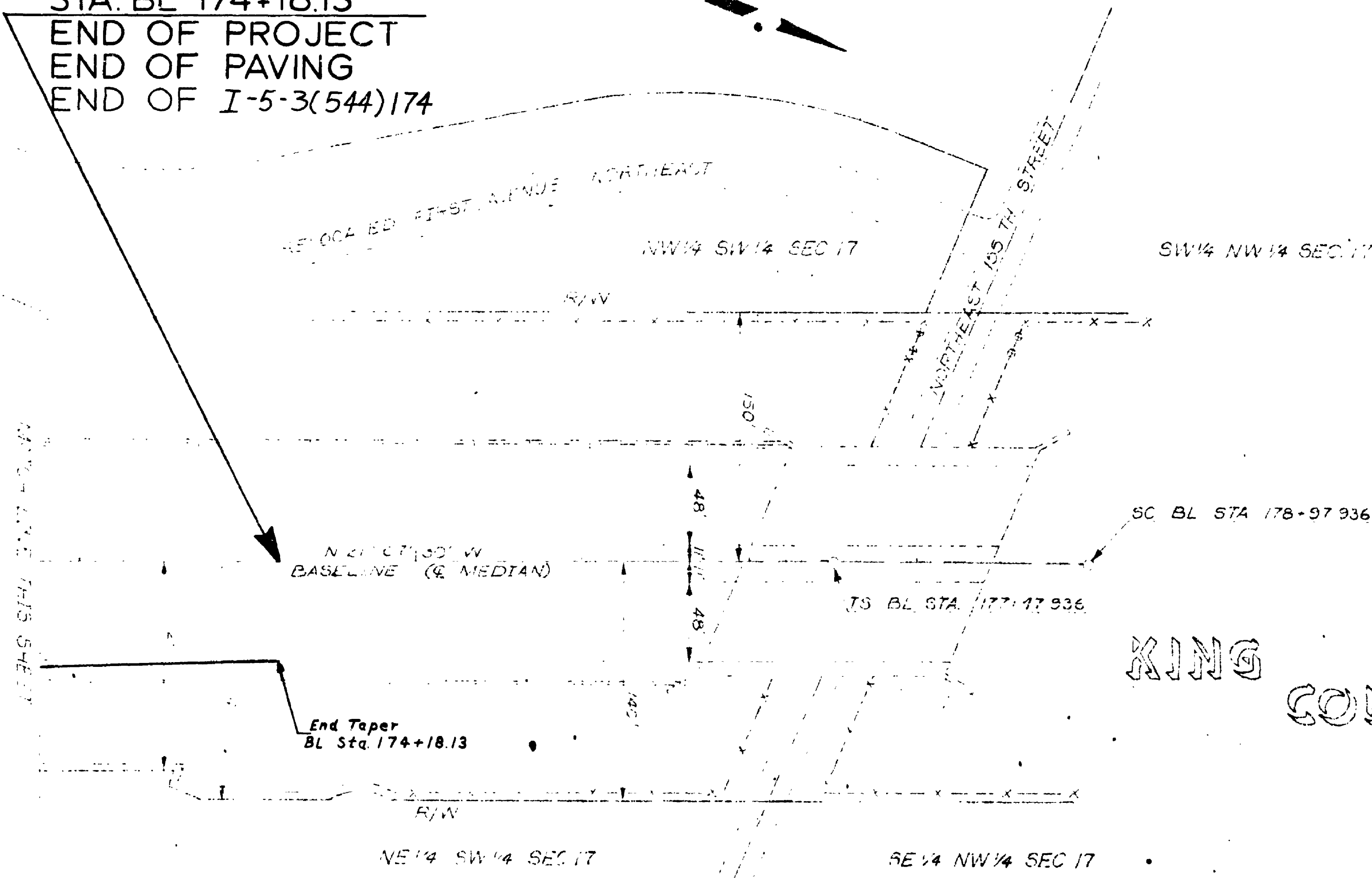
KING COUNTY

T. 26 N. R. 4 E. W.M.

I-5-3(544)174 34 of 68
79W 093



SR 5
MP 175.06
STA. BL 174+18.13
END OF PROJECT
END OF PAVING
END OF I-5-3(544)174



FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

PAVING PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

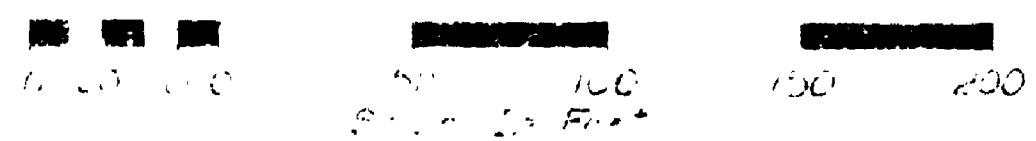
W. A. BULLY

SECRETARY

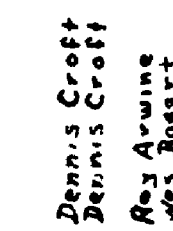


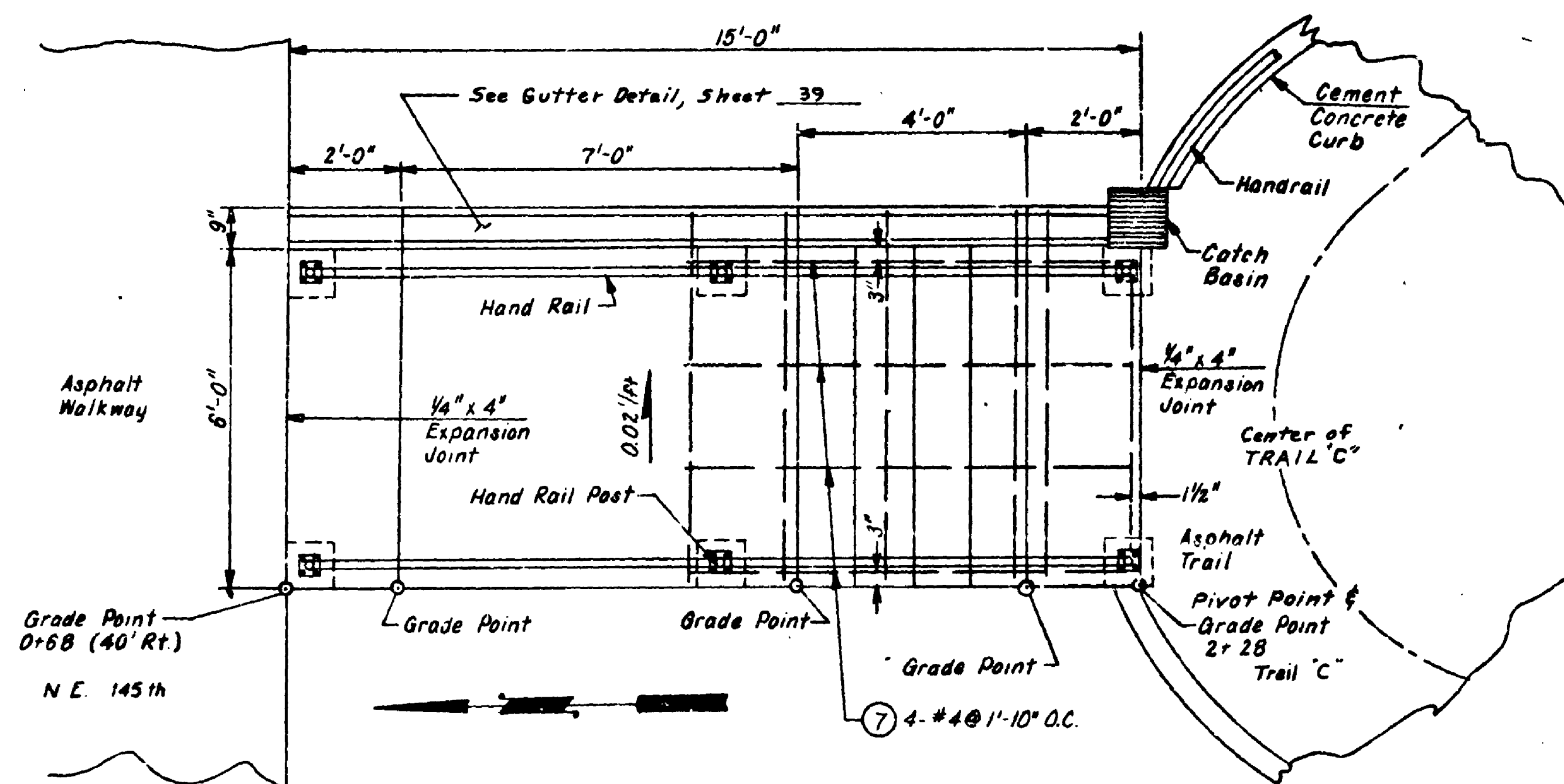
CONTRACT NUMBER 1626 APPROVED May 25, 1979
SHEET 34 OF 68 SHEETS

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145th Flyer Stop Stage 1
King County
L 4352
Paving
Sheet 34 of 68



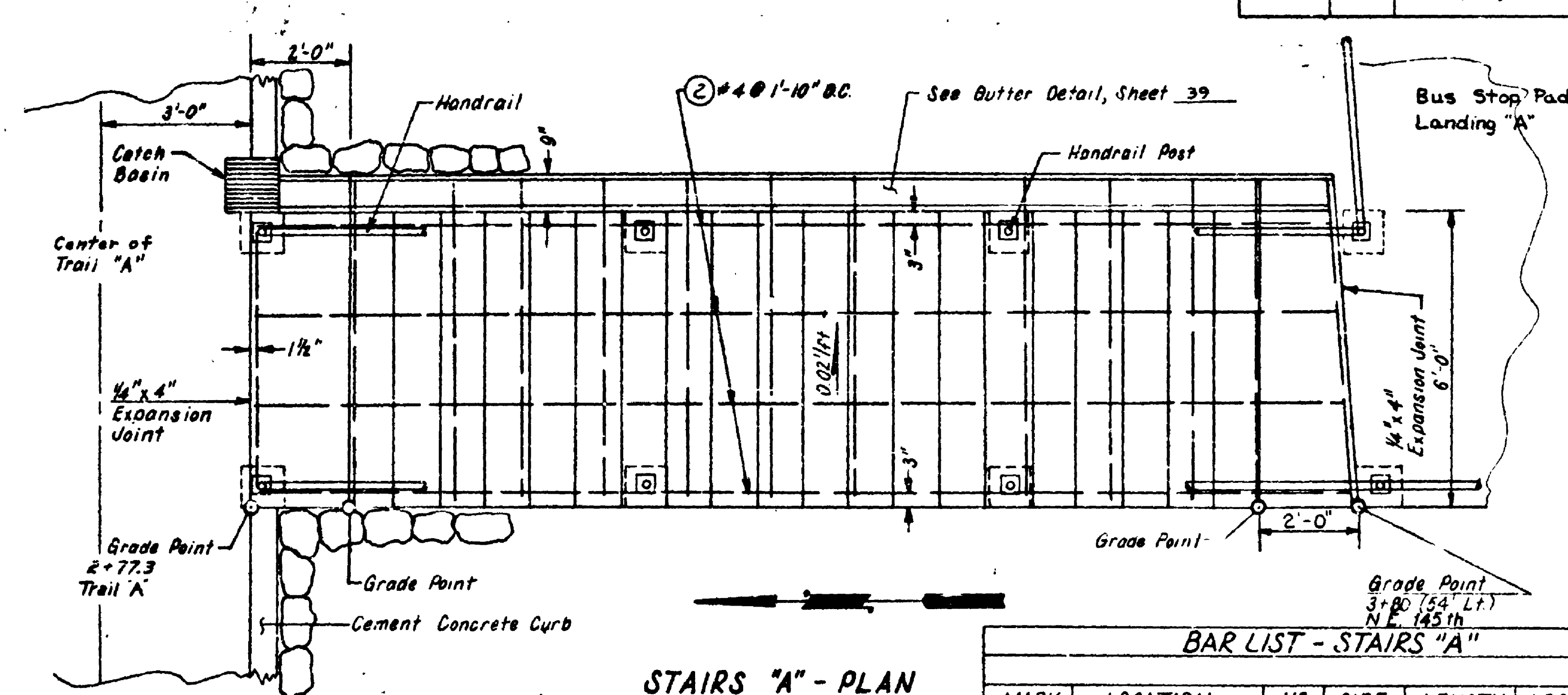
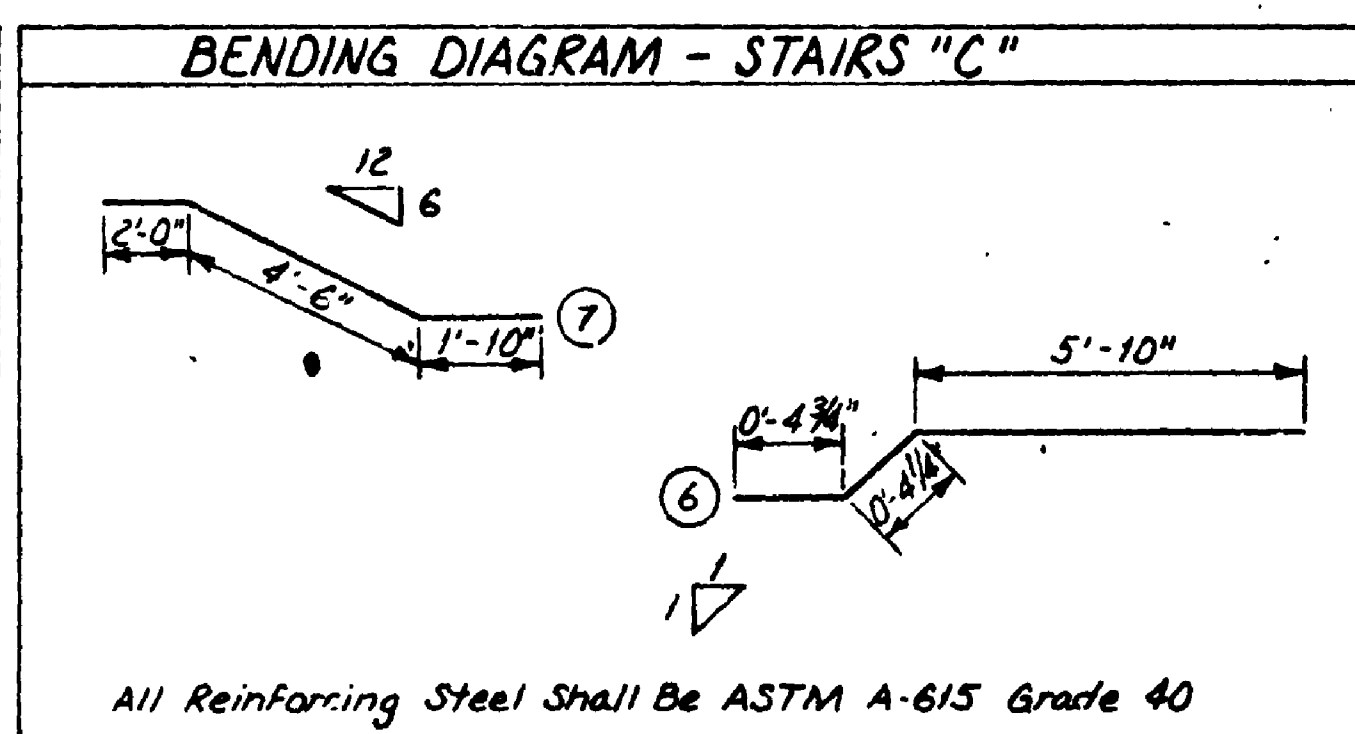
SR 5





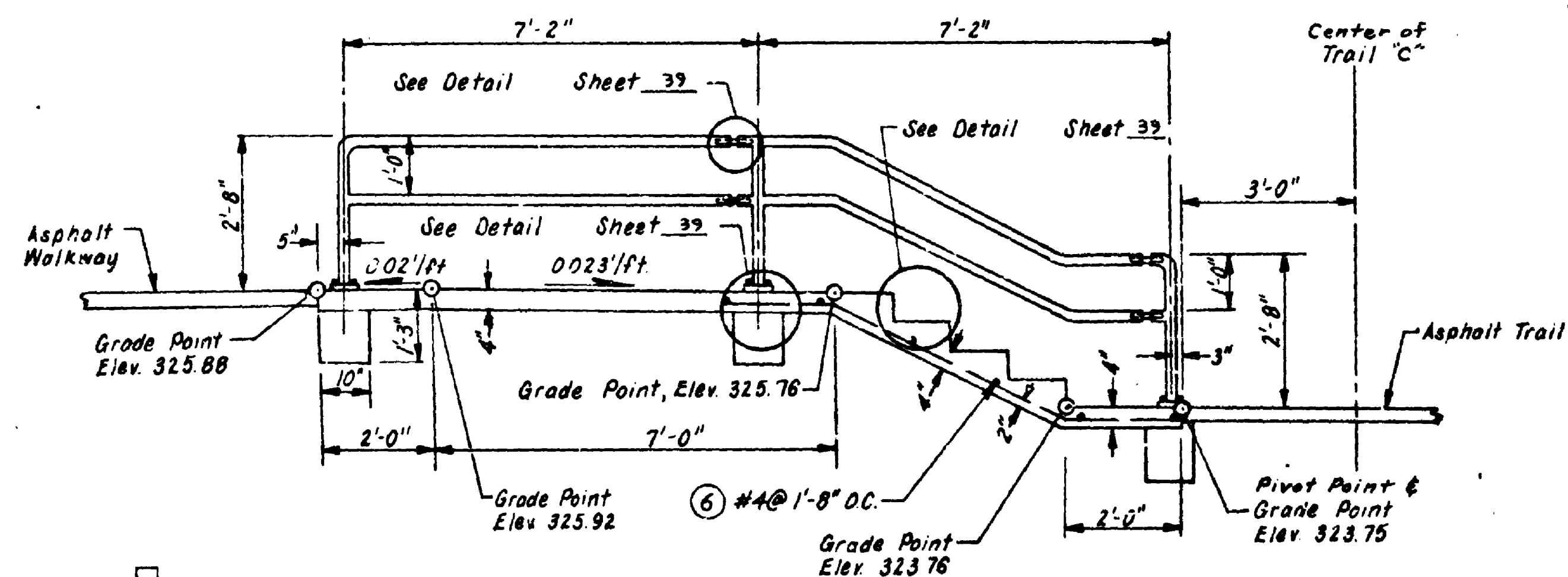
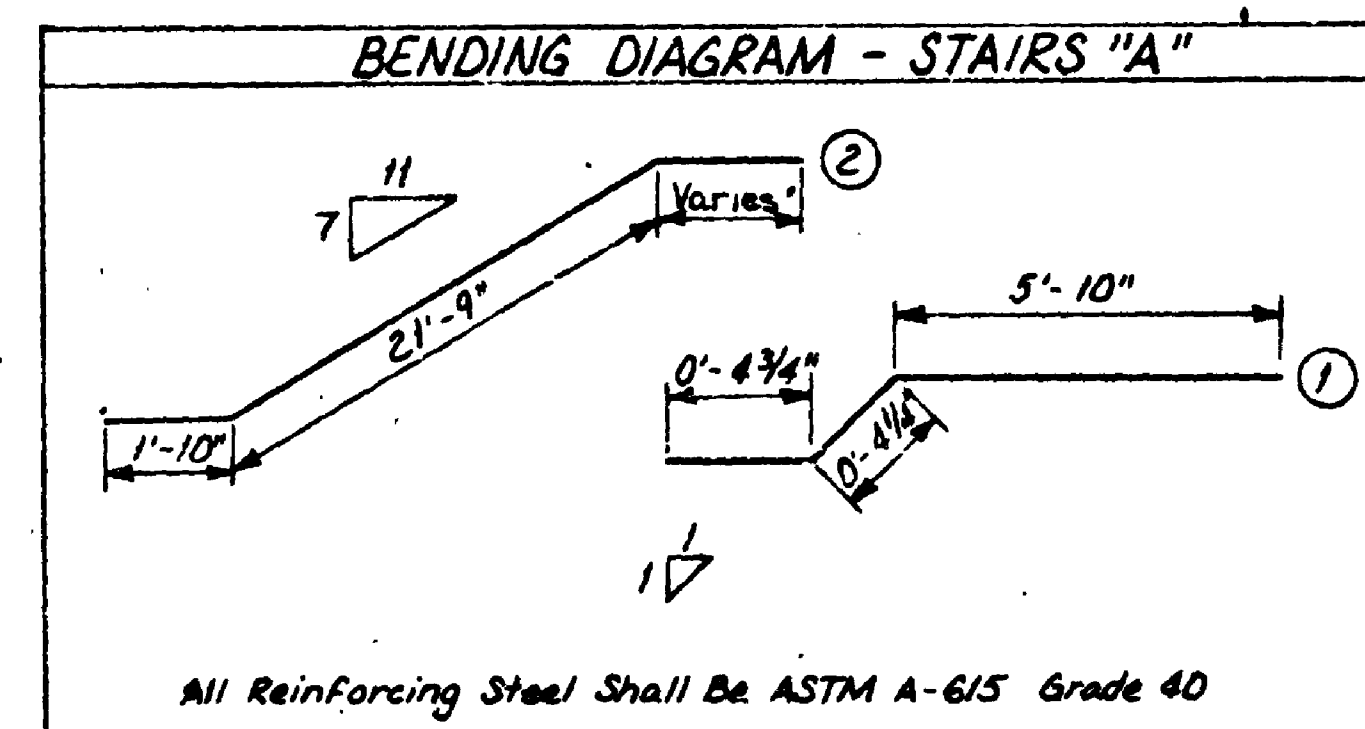
STAIRS "C" PLAN

| BAR LIST - STAIRS "C" | | | | | | |
|-----------------------|--------------|-----|------|--------|-----|---------|
| MARK | LOCATION | NO. | SIZE | LENGTH | LBS | REMARKS |
| 6 | Transverse | 6 | 4 | 6'-7" | 26 | |
| 7 | Longitudinal | 4 | 4 | 8'-4" | 22 | |
| | | | | | | |

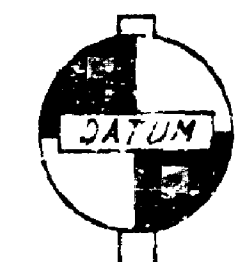


STAIRS "A" - PLAN

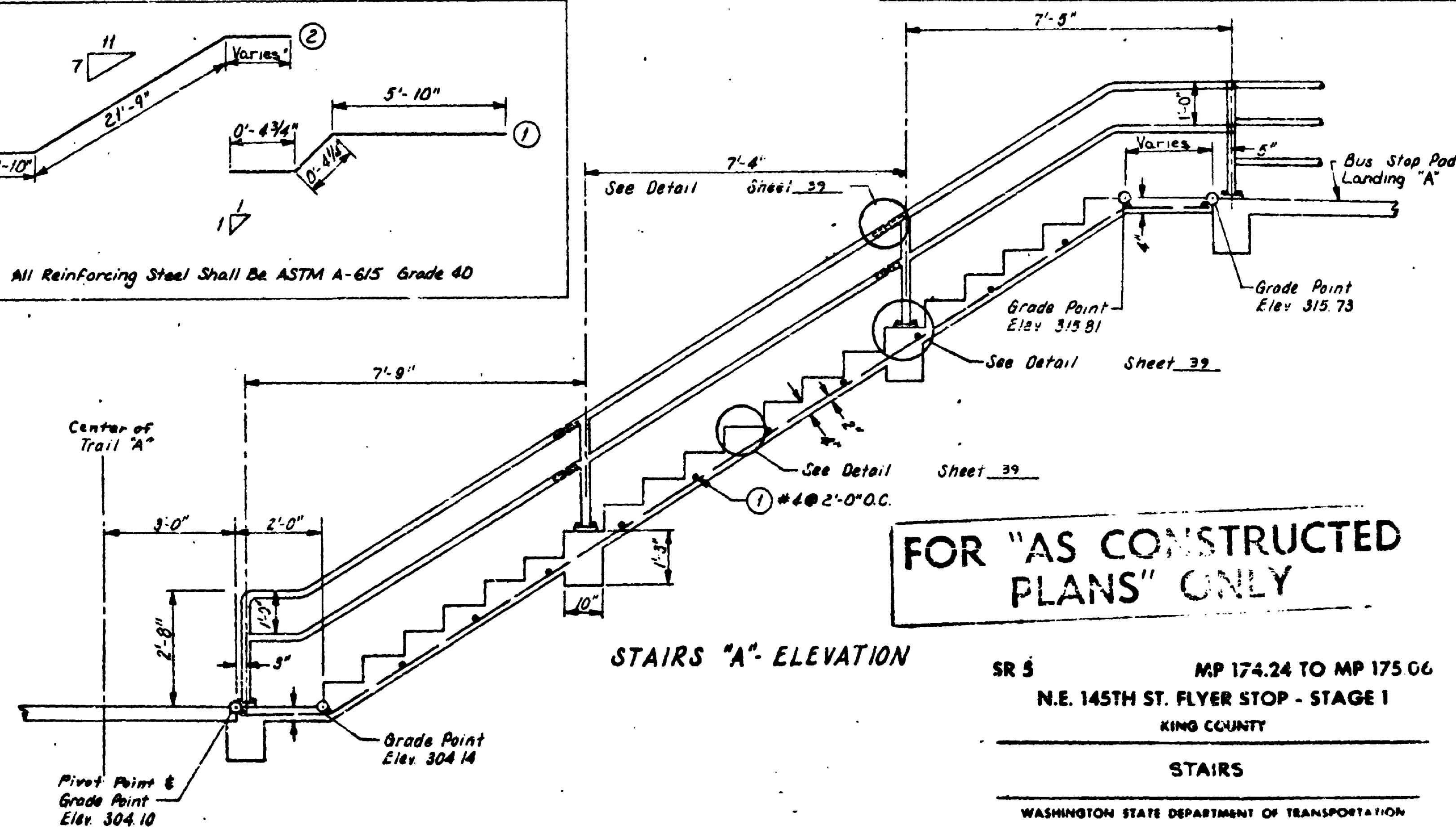
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|-----------------------|--------------|-----|------|--------|------|---------|
| MARK | LOCATION | NO. | SIZE | LENGTH | LBS. | REMARKS |
| 1 | Transverse | 14 | 4 | 6'-7" | 62 | |
| 2 | Longitudinal | 4 | 4 | 25'-5" | 68 | |



STAIRS "C"-ELEVATION



☐ City Of Seattle



STAIRS "A"- ELEVATION

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

STAIRS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

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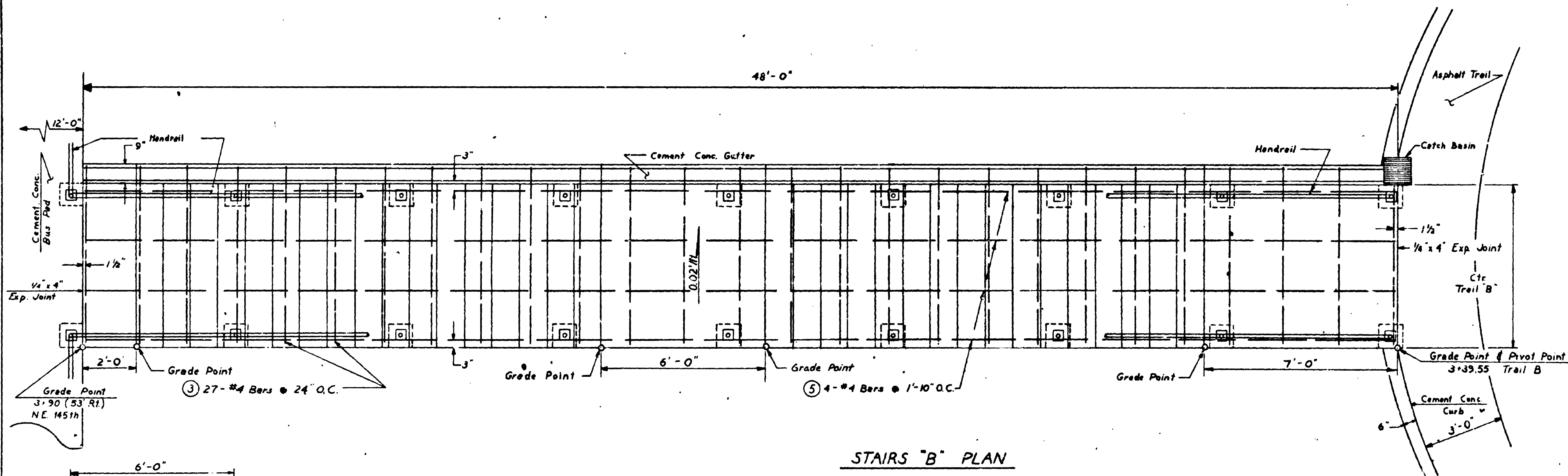
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SHEET 36 OF 68 SHEETS

CONTRACT NUMBER *161*

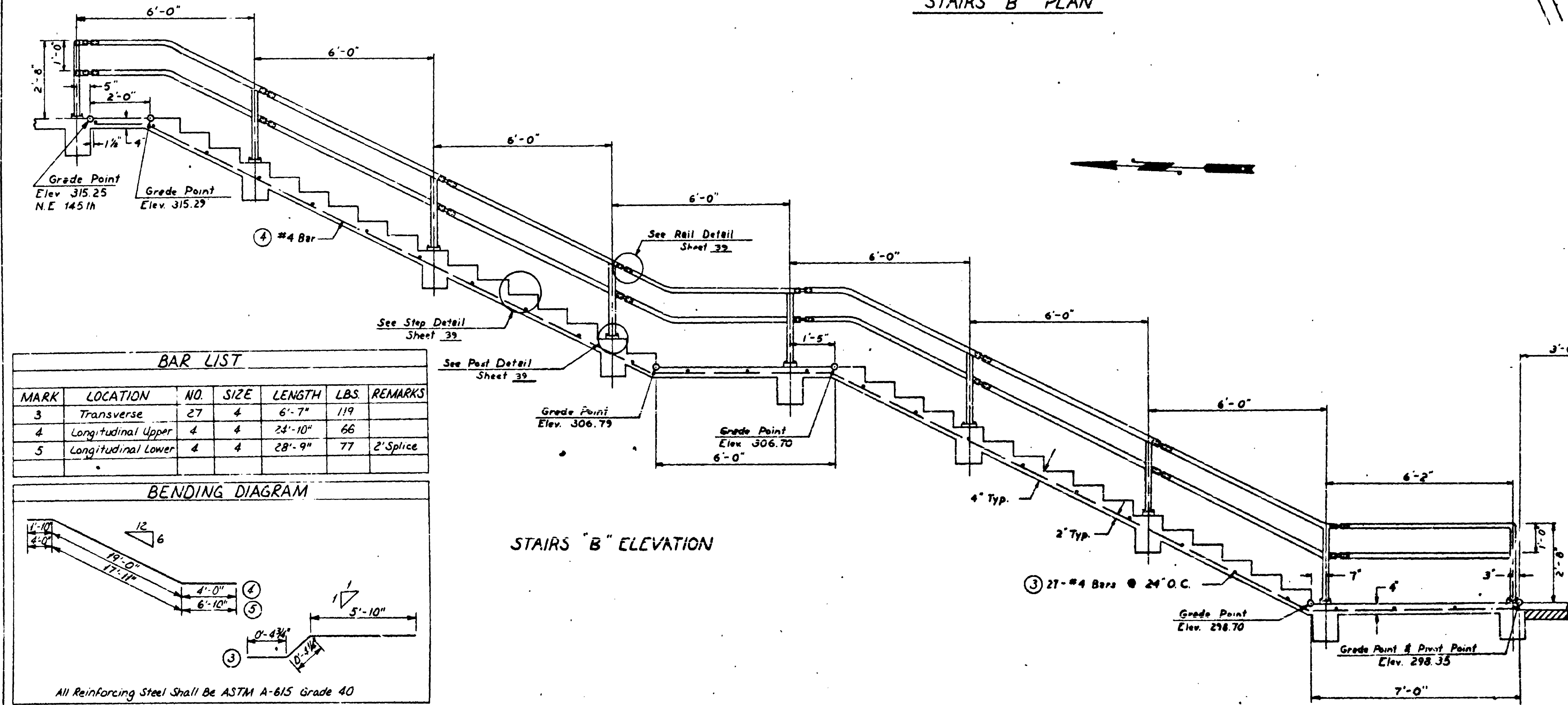
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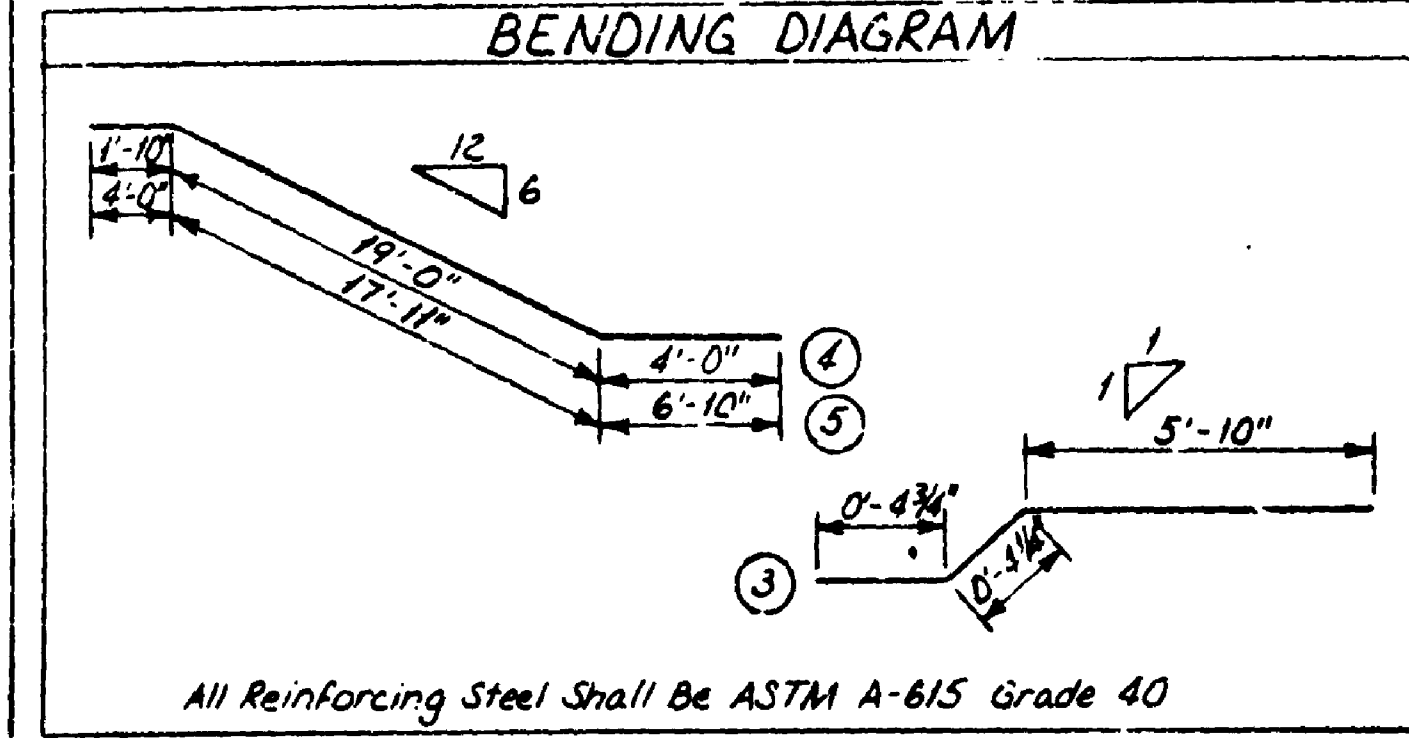
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STAIRS "B" PLAN



| BAR LIST | | | | | | |
|----------|--------------------|-----|------|---------|------|-----------|
| MARK | LOCATION | NO. | SIZE | LENGTH | LBS. | REMARKS |
| 3 | Transverse | 27 | 4 | 6'-7" | 119 | |
| 4 | Longitudinal Upper | 4 | 4 | 24'-10" | 66 | |
| 5 | Longitudinal Lower | 4 | 4 | 28'-9" | 77 | 2' Splice |



STAIRS "B" ELEVATION

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

STAIRS
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W. A. BULLY SECRETARY

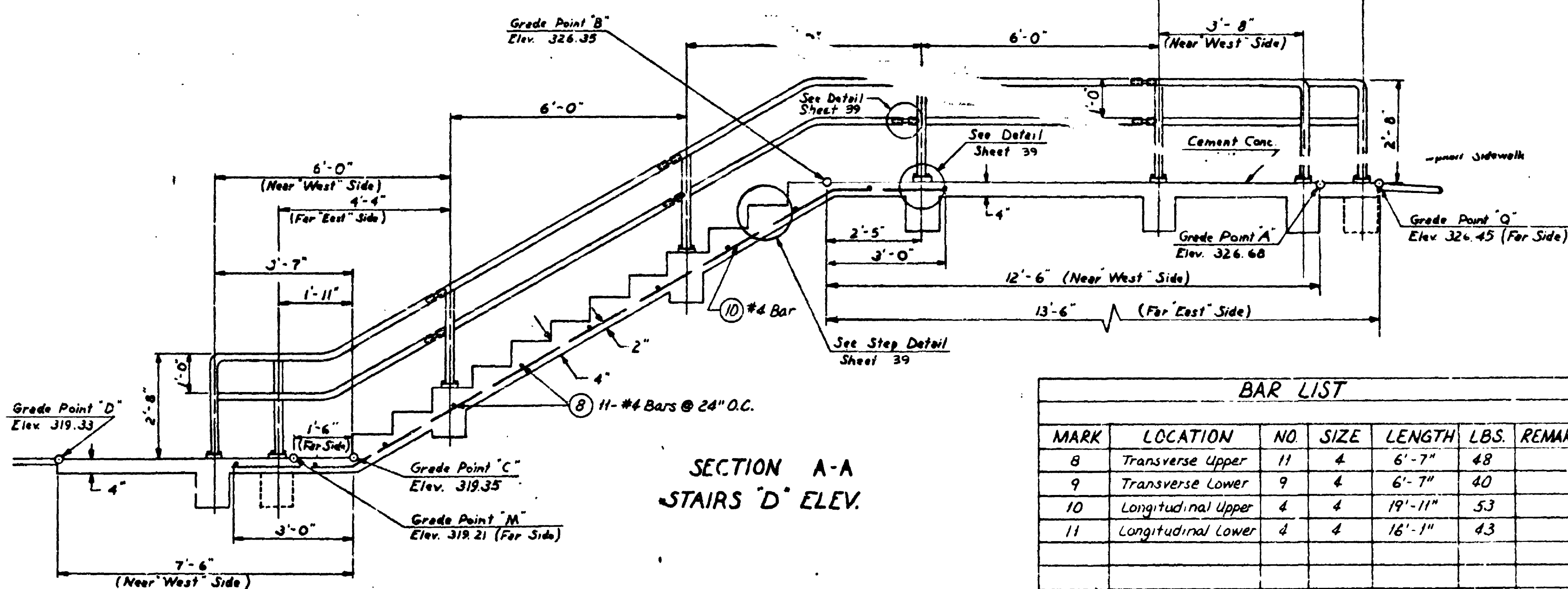
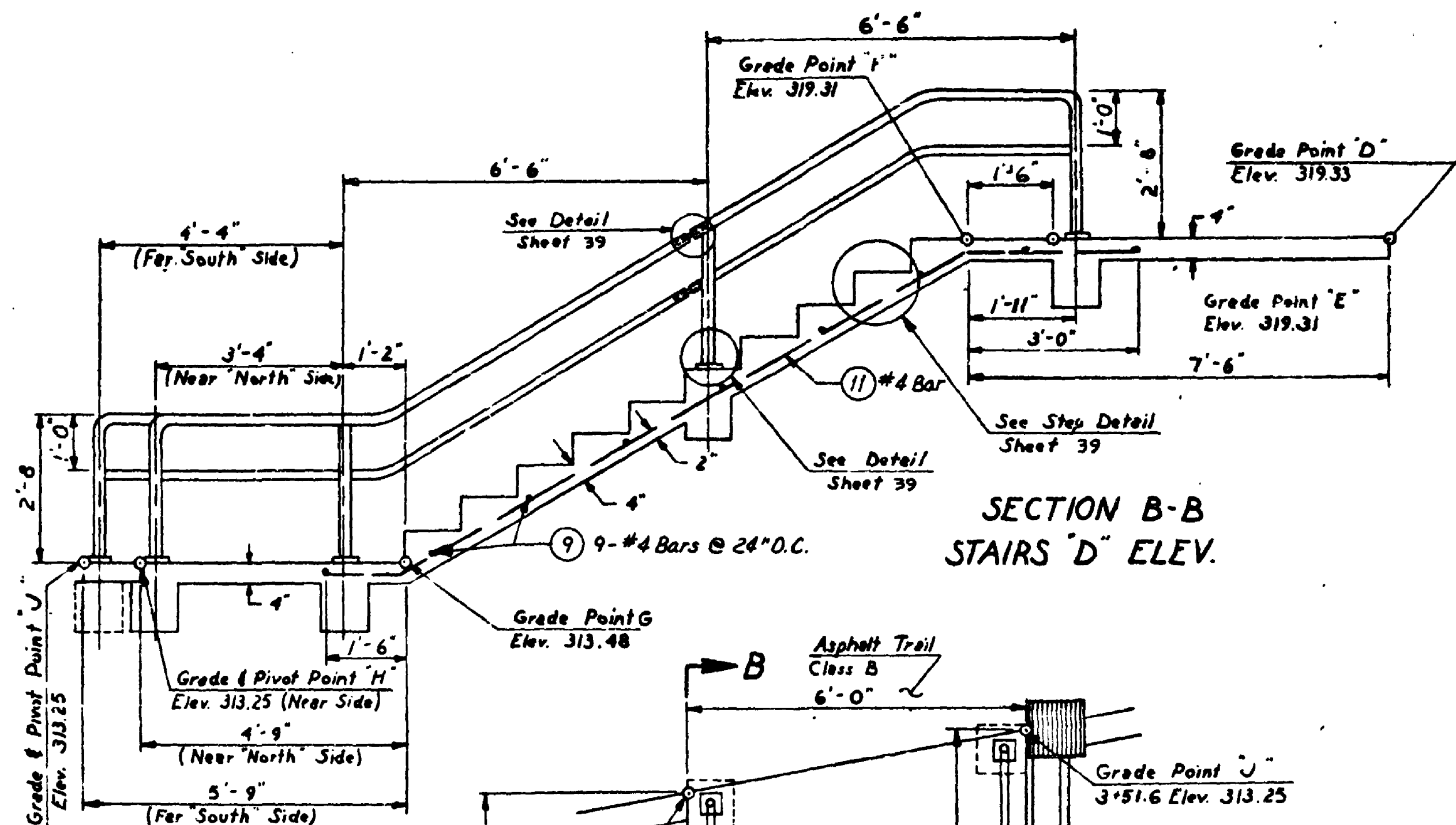


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CONTRACT NUMBER 1626 SHEET 37 OF 68 SHEETS

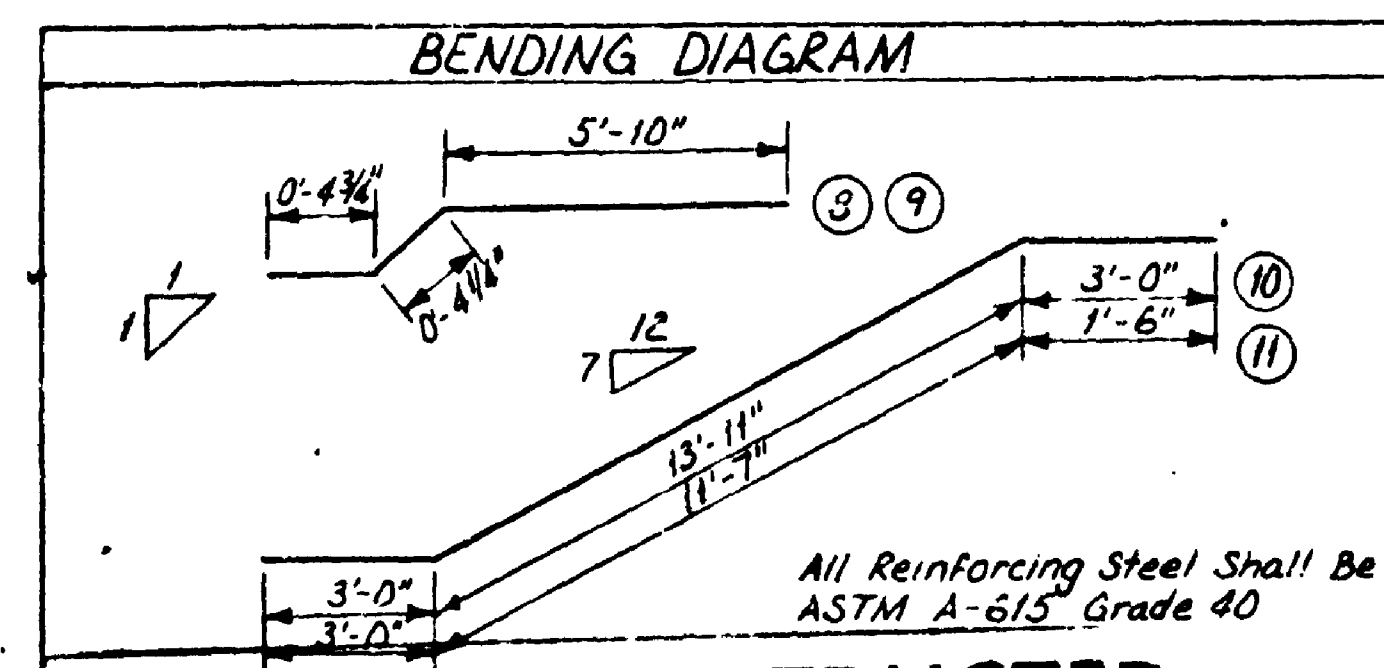
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| DATE | |
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| DESIGNED | |
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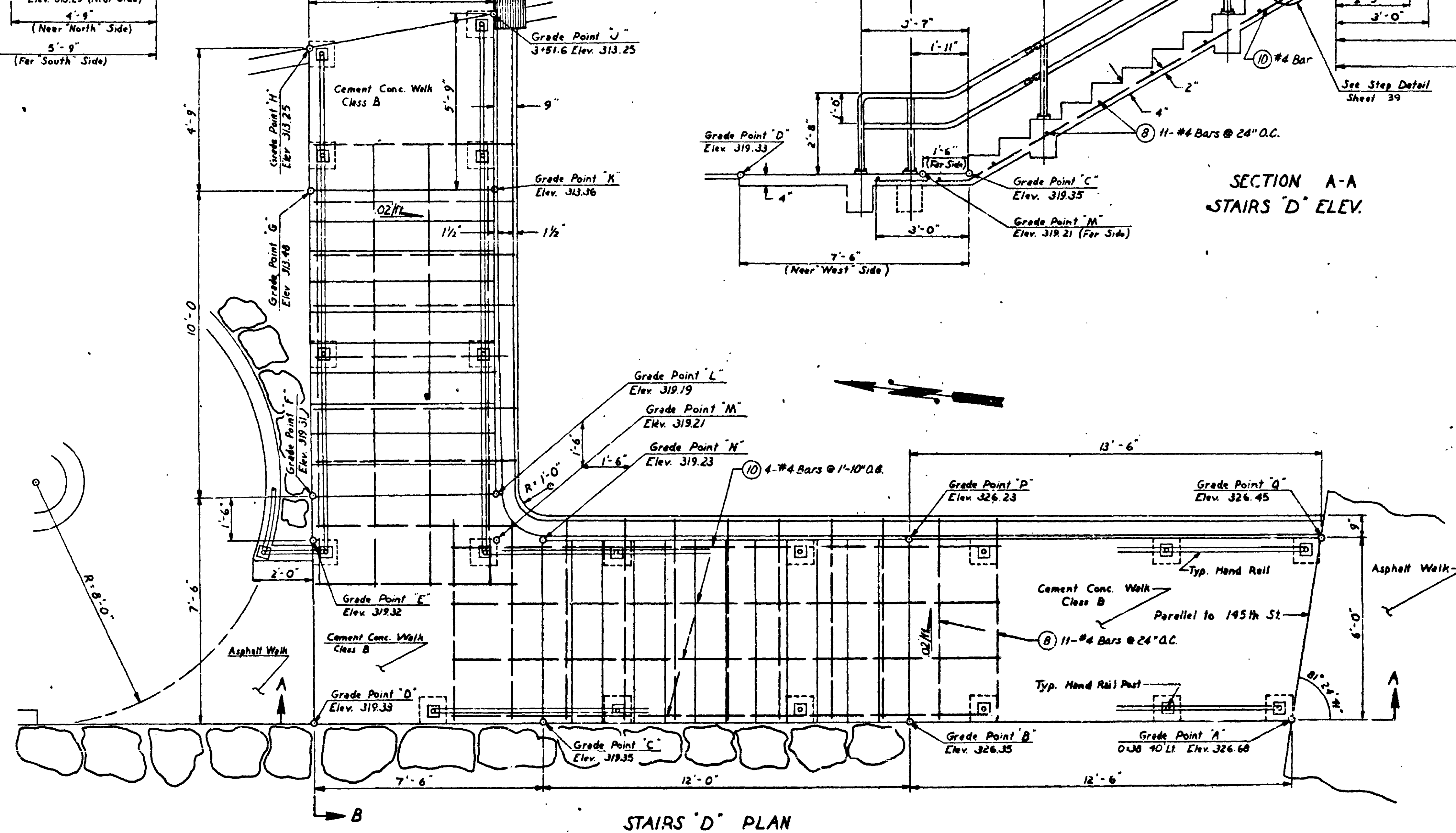
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| DATE | |
| BY | |
| CHECKED | |
| DESIGNED | |
| APPROVED | |



| BAR LIST | | | | | | |
|----------|--------------------|-----|------|---------|------|---------|
| MARK | LOCATION | NO. | SIZE | LENGTH | LBS. | REMARKS |
| 8 | Transverse Upper | 11 | 4 | 6'-7" | 48 | |
| 9 | Transverse Lower | 9 | 4 | 6'-7" | 40 | |
| 10 | Longitudinal Upper | 4 | 4 | 19'-11" | 53 | |
| 11 | Longitudinal Lower | 4 | 4 | 16'-1" | 43 | |



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SR 5 MP 174.24 TO MP 175.06
 N.E. 145TH ST. FLYER STOP - STAGE 1
 KING COUNTY

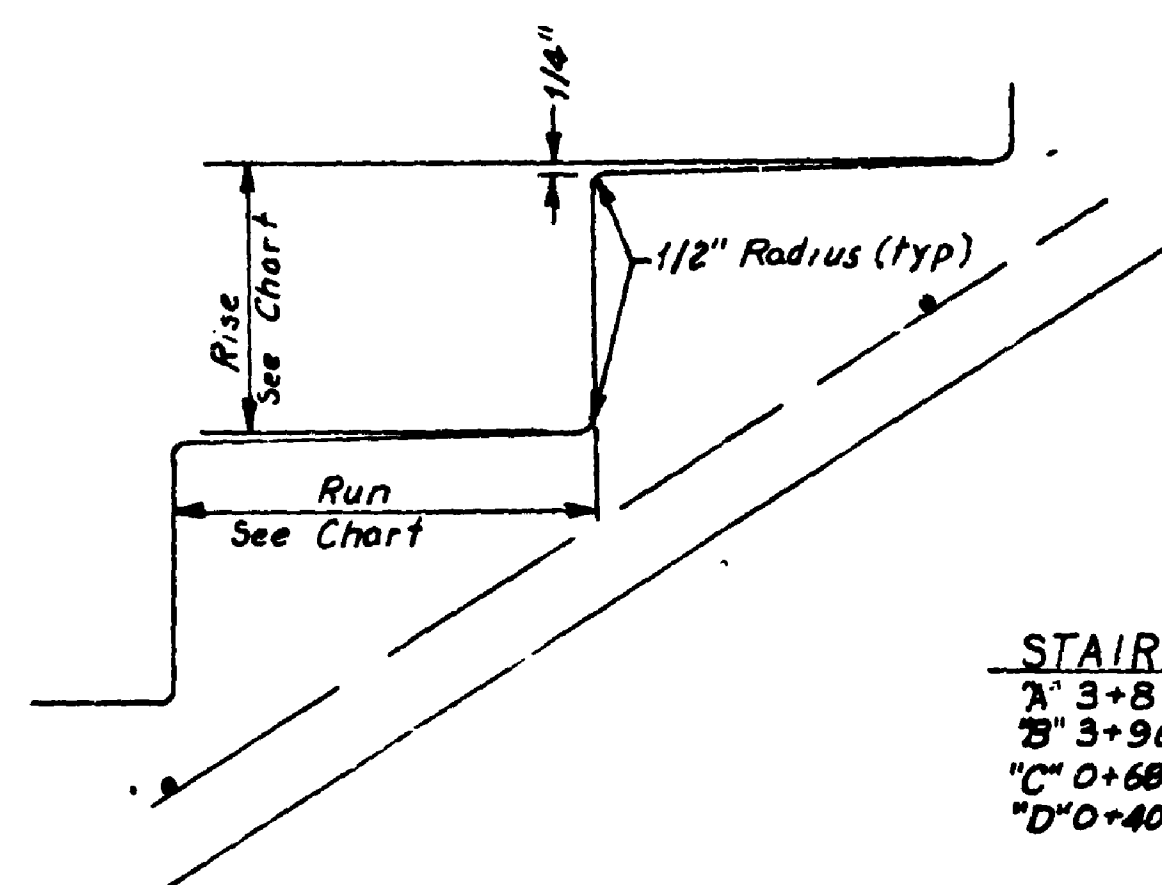
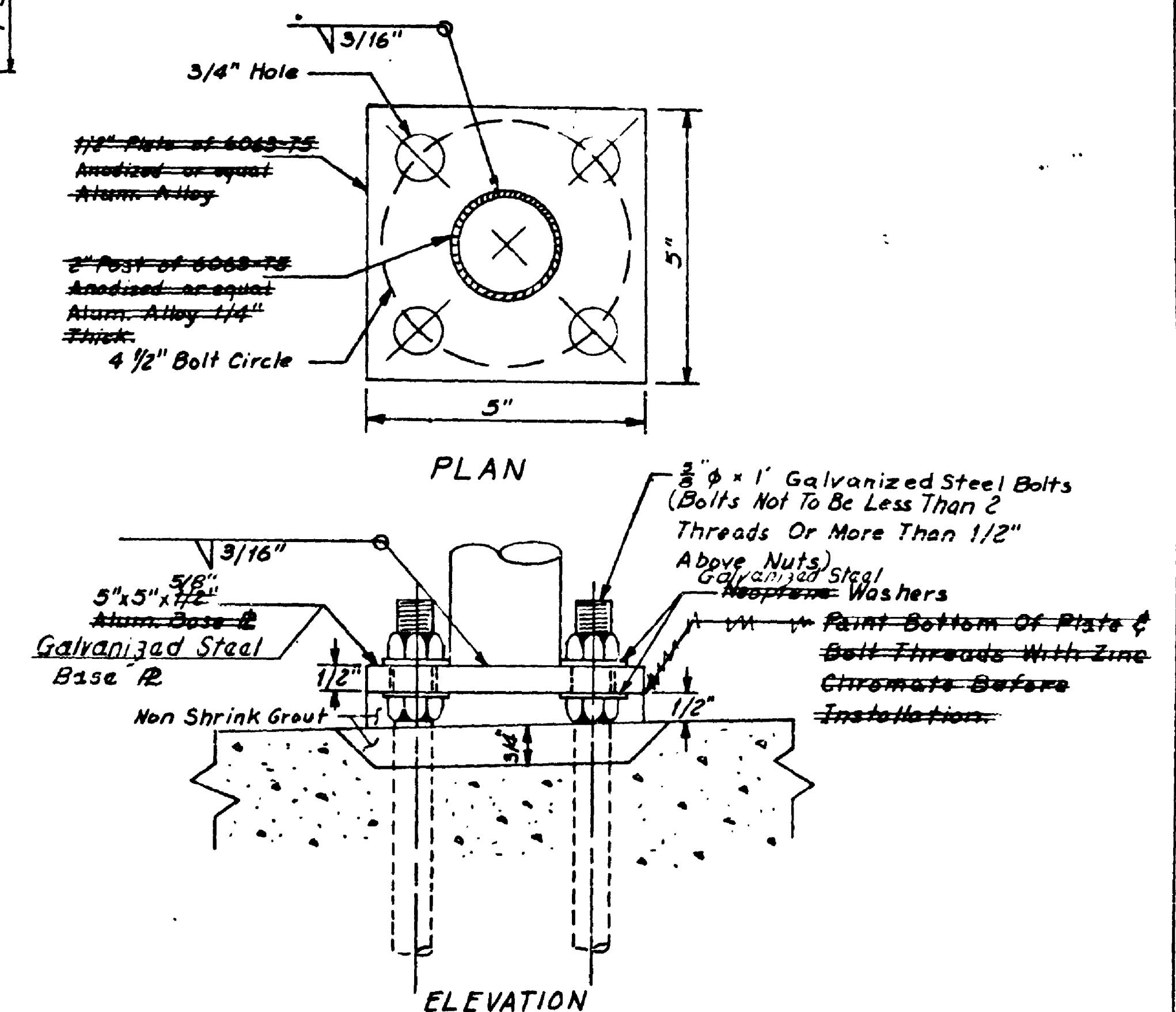
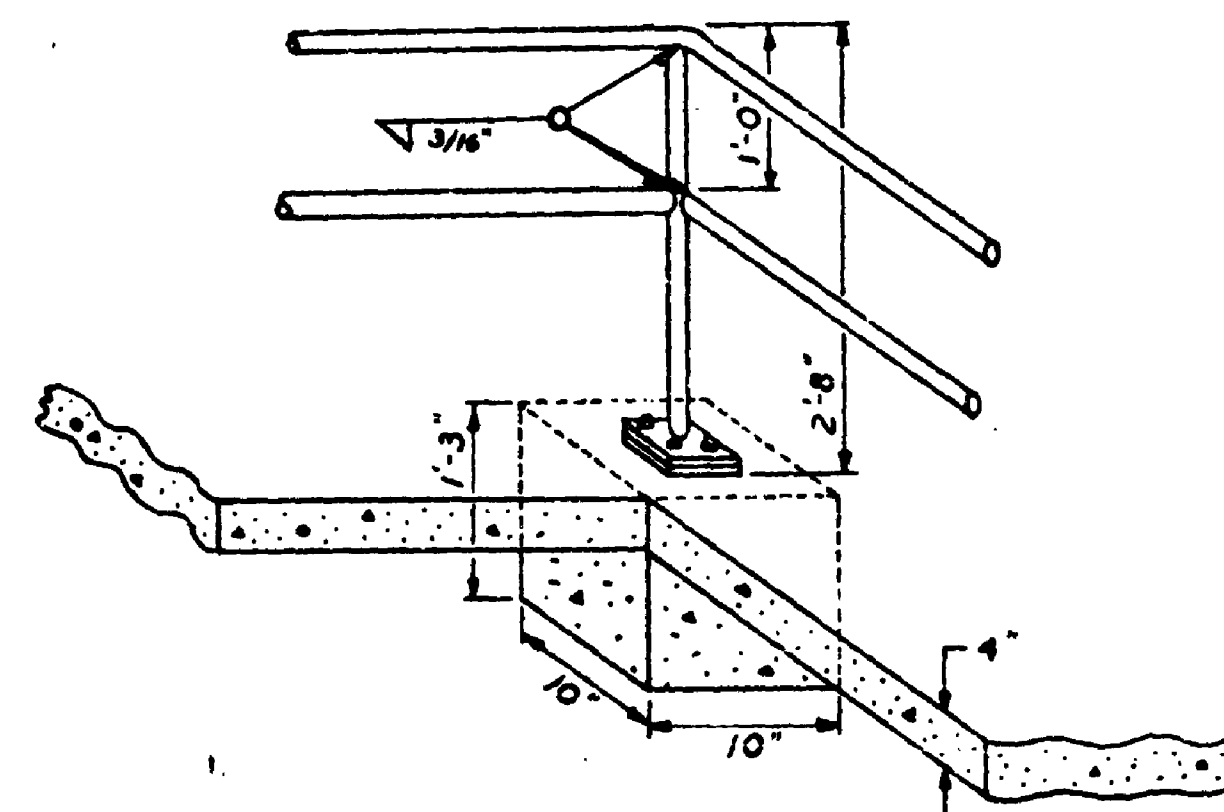
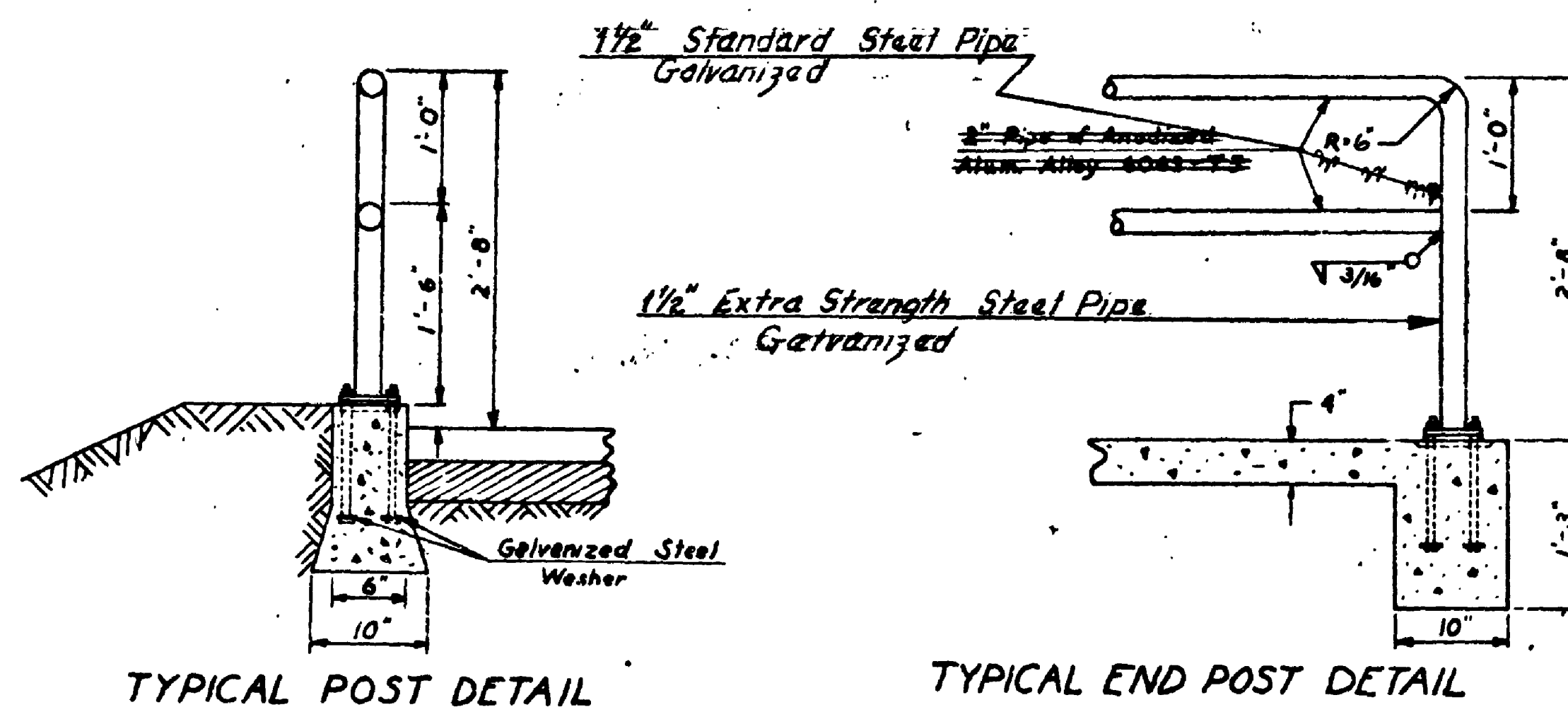
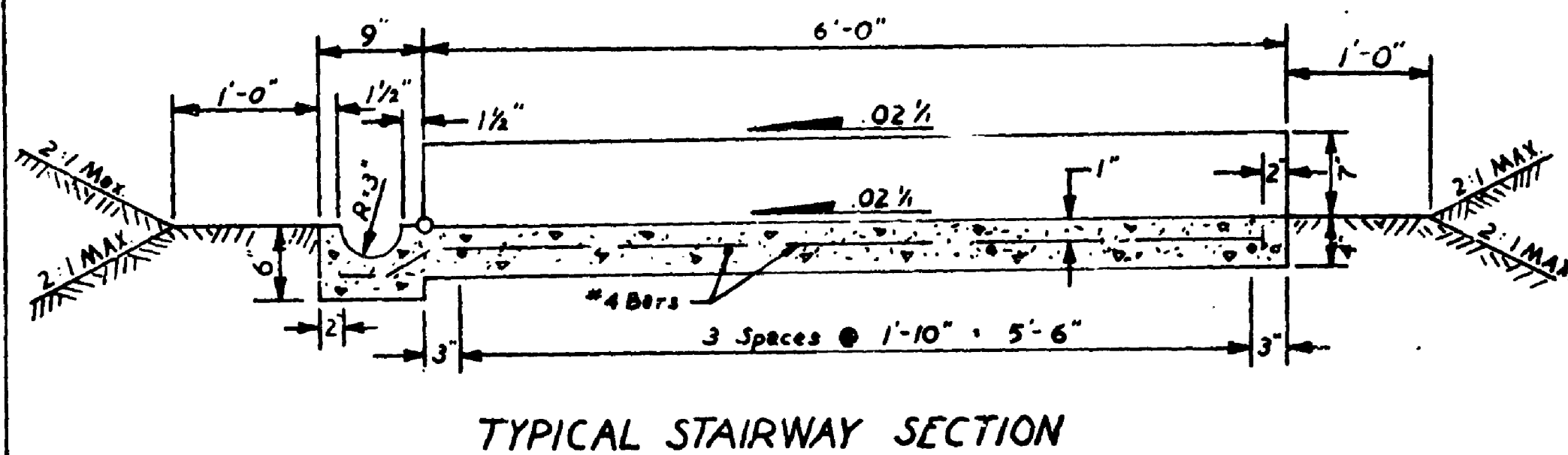
STAIRS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
 OLYMPIA, WASHINGTON

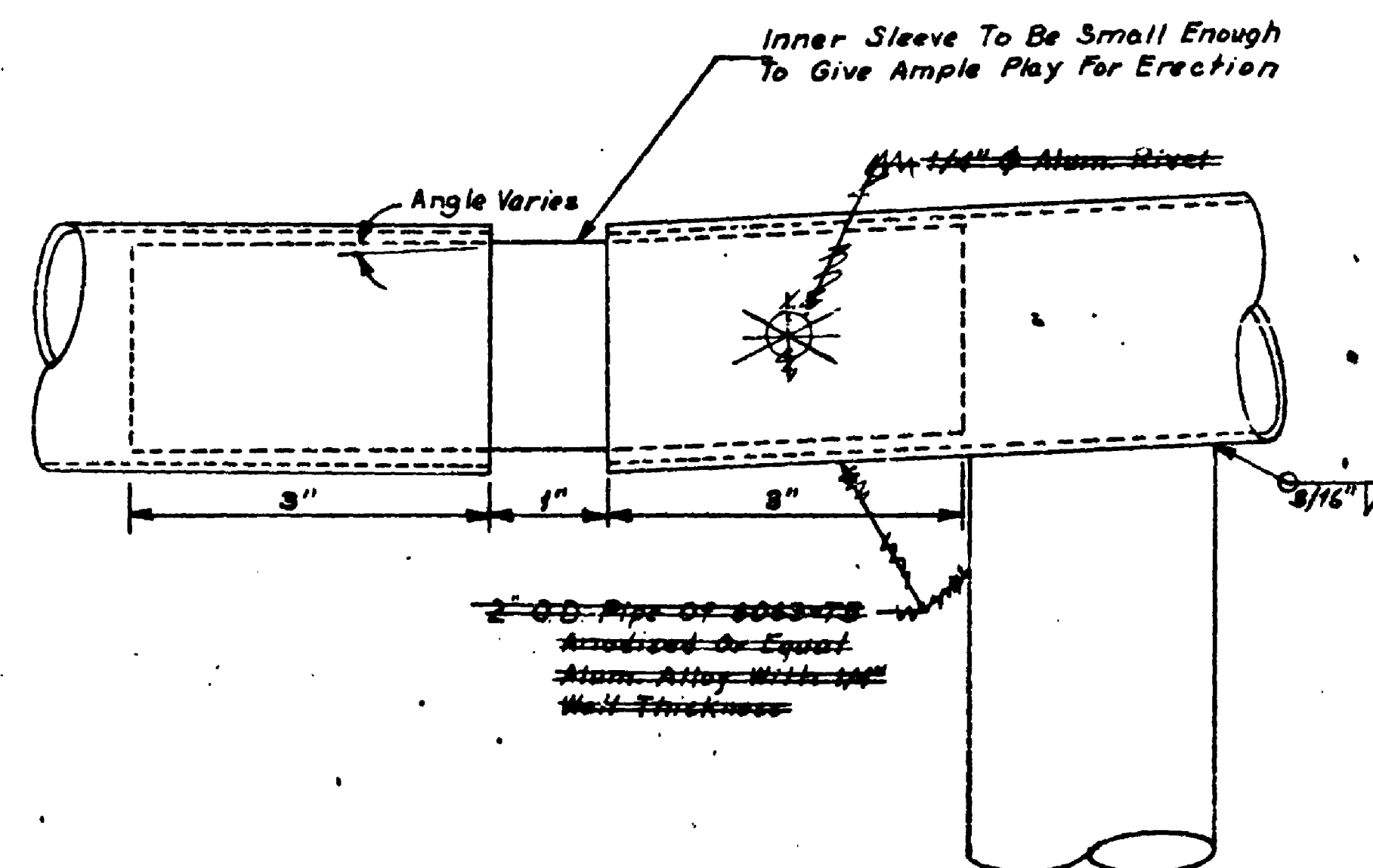
W. A. BULLY SECRETARY

APPROVED May 25, 1975
 CONTRACT NUMBER 1626 SHEET 30 OF 68 SHEETS

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 1/4" = 1'-0" Scale
 1/8" = 1'-0" Scale
 1/16" = 1'-0" Scale
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| STAIRWAY | RISE | RUN |
|----------------|------|-----|
| "A" 3+81 Lt. | 7" | 11" |
| "B" 3+90 Rt. | 6" | 12" |
| "C" 0+68 Rt. | 6" | 12" |
| "D" 0+40.5 Lt. | 7" | 12" |



**FOR "AS CONSTRUCTED
PLANS" ONLY**

SR 5 **MP 174.24 TO MP 175.06**
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

STAIRS AND HANDRAIL DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. SULLEY

SECRETARY

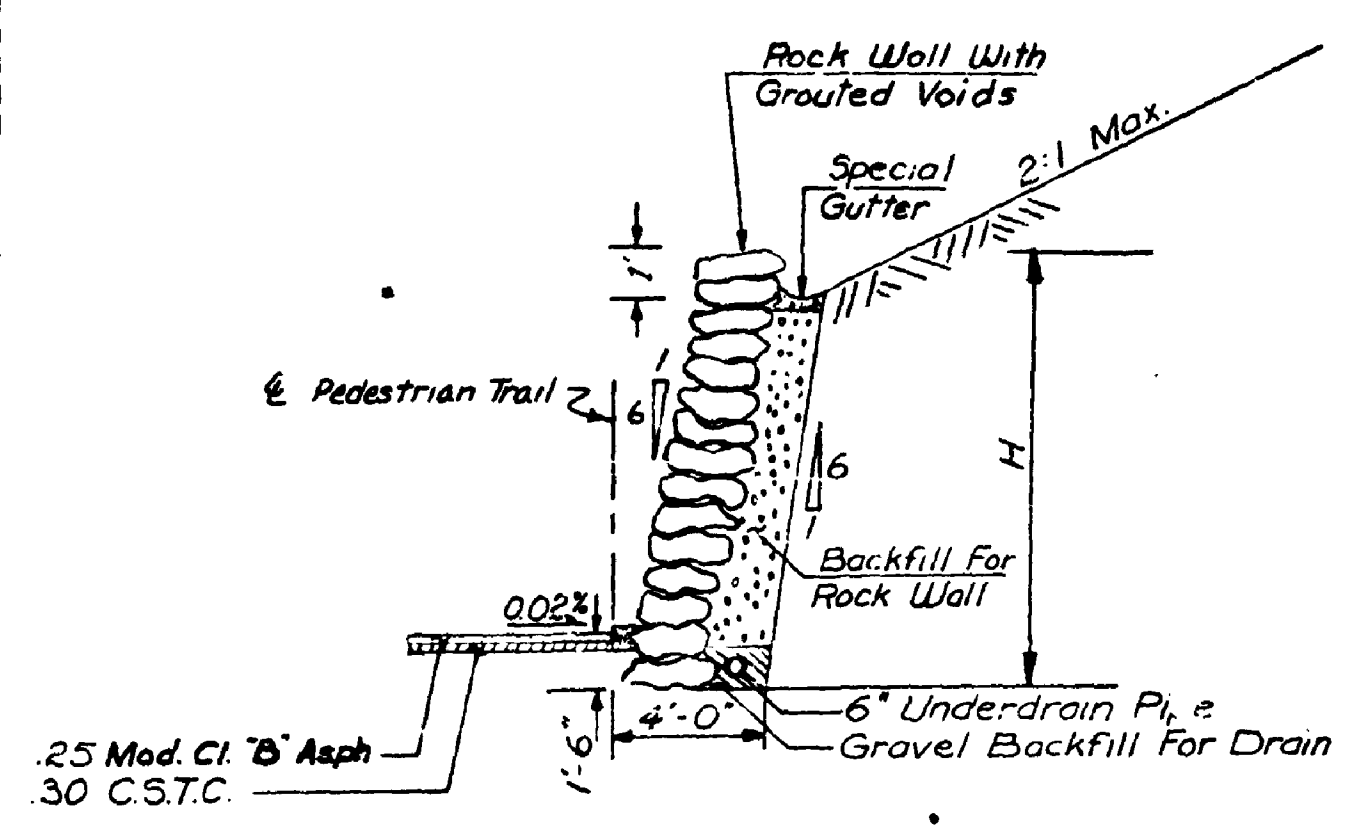
CONTRACT NUMBER 1626 APPROVED May 25, 1973
SHEET 39 OF 68 SHEETS

CONTRACT NUMBER 1626 SHEET 39 OF 68 SHEETS

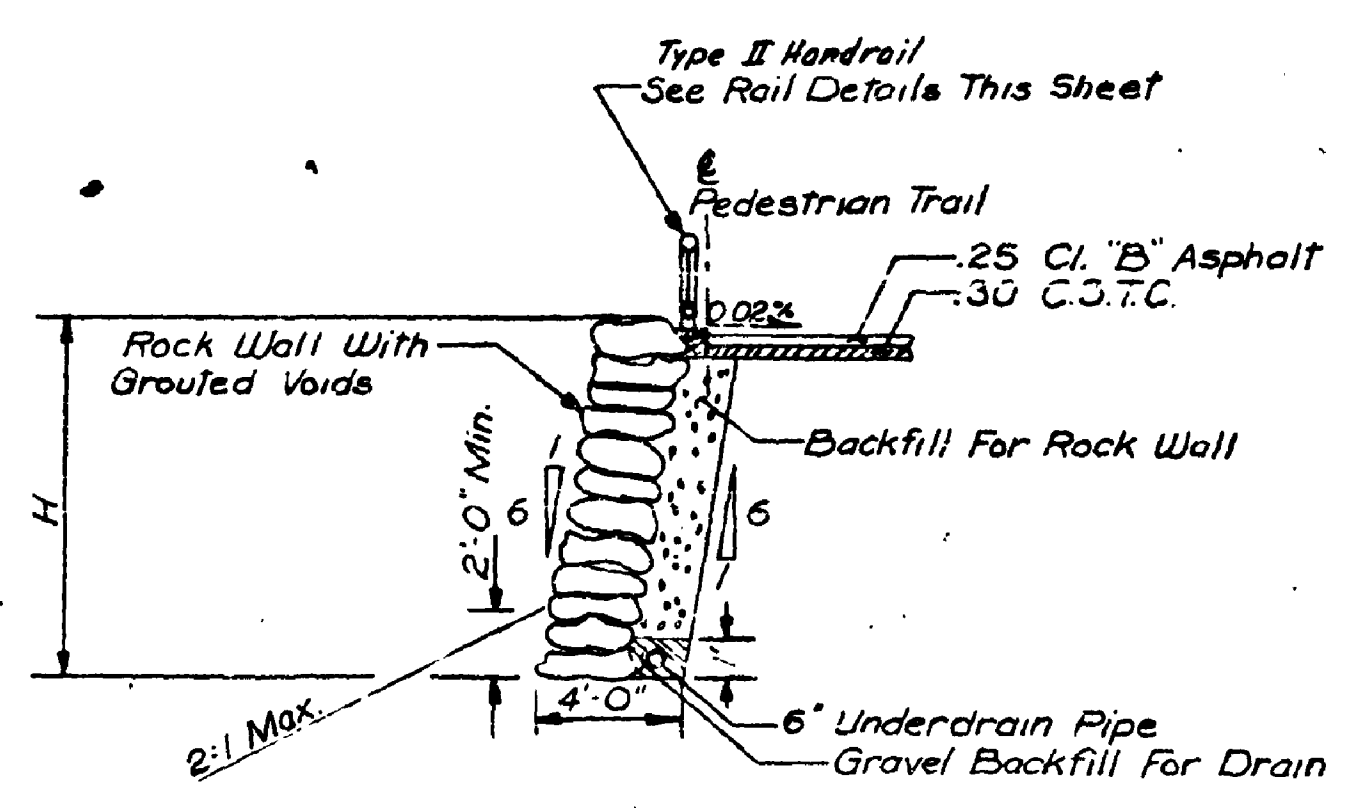
INS 2350

TSW093

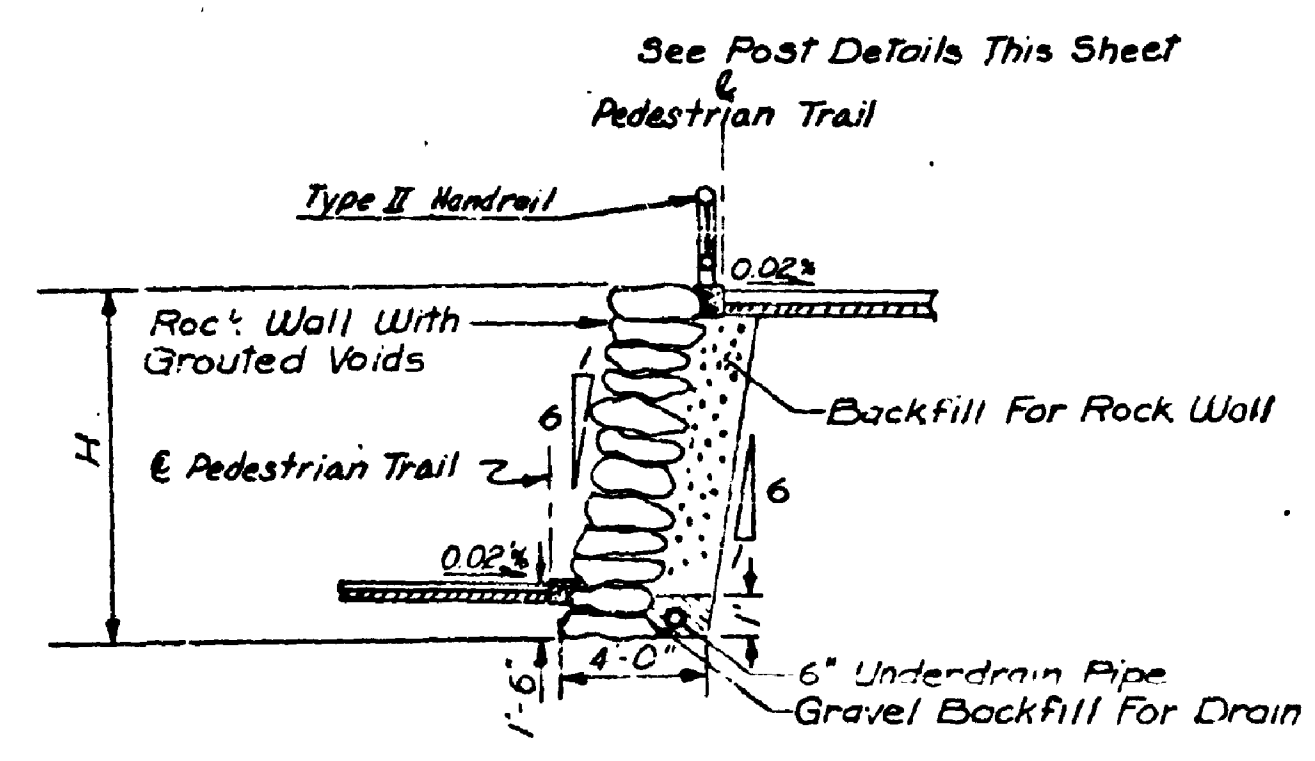
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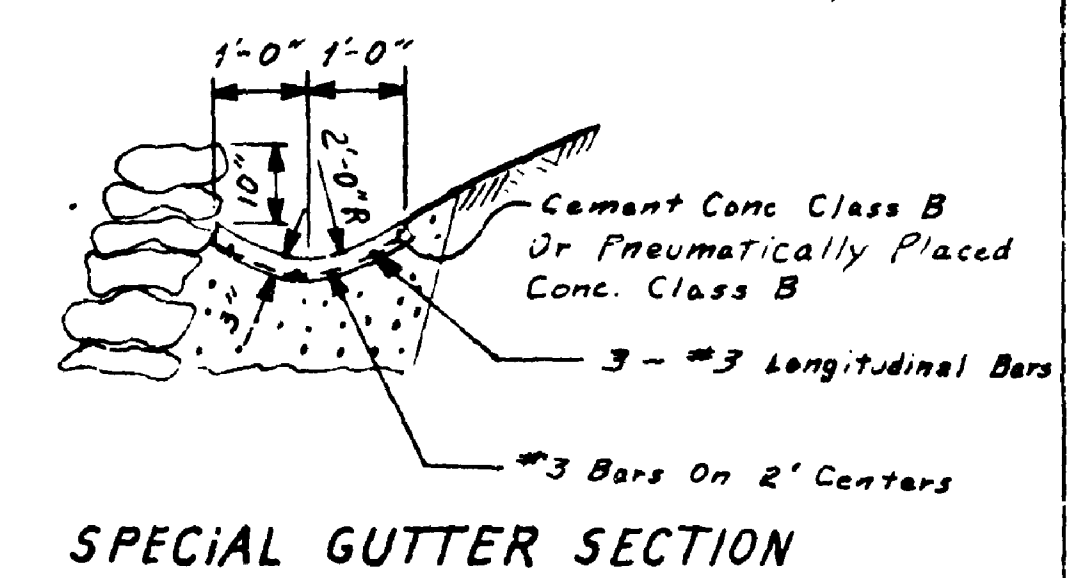
ROCK WALL DETAIL 1
(Typical)



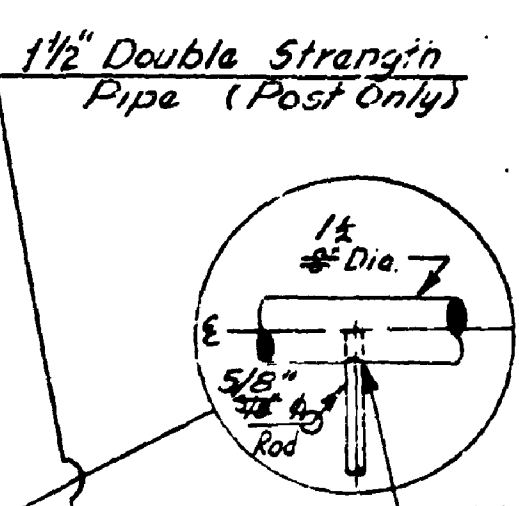
ROCK WALL DETAIL 2
(Typical)



ROCK WALL DETAIL 3
(Typical)



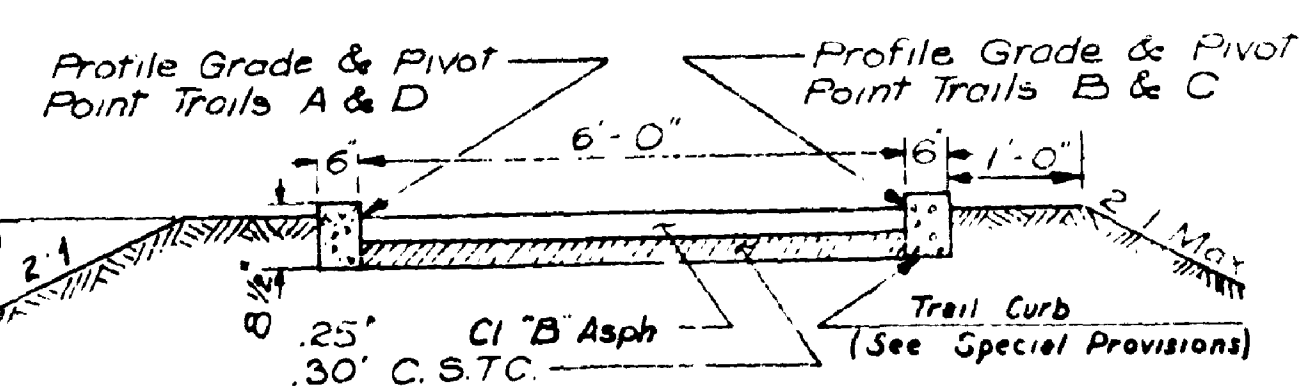
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|---------|--------|------|---------|--------|------|
| Station | Offset | H | Station | Offset | H |
| 2+53 | Lt. | 3' | 2+37 | Lt. | 5.5' |
| 2+77 | Lt. | 5' | 2+85 | Lt. | 5.5' |
| 2+83 | Lt. | 5' | 3+17 | Lt. | 5.5' |
| 3+03 | Lt. | 3' | | | |
| 3+68 | Lt. | 3' | 4+32 | Rt. | 2' |
| 3+98 | Lt. | 6.5' | 4+34 | Rt. | 4.5' |
| 4+50 | Lt. | 9' | | | |
| 5+03 | Lt. | 3' | 5+92 | Rt. | 1.5' |
| | | | 6+00 | Rt. | 5' |
| | | | 6+54 | Rt. | 1.8' |
| | | | 6+60 | Rt. | 1.5' |



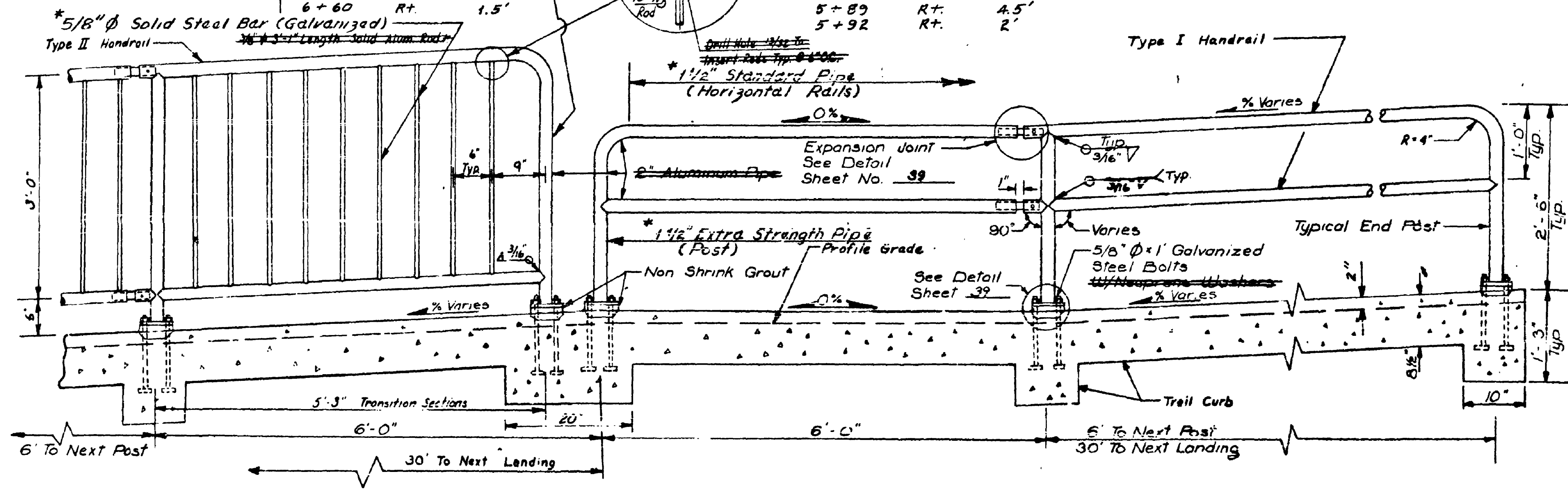
| TRAIL D | | |
|---------|--------|------|
| Station | Offset | H |
| 1+54 | Rt. | 2' |
| 1+87 | Rt. | 8' |
| 2+37 | Rt. | 7' |
| 2+85 | Rt. | 9' |
| 3+17 | Rt. | 8' |
| 3+35 | Rt. | 7' |
| 3+83 | Rt. | 3' |
| 4+19 | Rt. | 8' |
| 4+32 | Rt. | 2' |
| 5+89 | Rt. | 4.5' |
| 5+92 | Rt. | 2' |

| TRAIL A | | |
|---------|--------|------|
| Station | Offset | H |
| 1+07 | Lt. | 1.5' |
| 1+80 | Lt. | 5' |
| 1+95 | Lt. | 1.5' |

| TRAIL D | | |
|---------|--------|------|
| Station | Offset | H |
| 3+63 | Lt. | 7.5' |
| 4+29 | Lt. | 1.5' |
| 4+34 | Rt. | 4.5' |
| 4+99 | Rt. | 1.5' |
| 5+94 | Lt. | 1.5' |
| 6+61 | Lt. | 7.5' |
| 6+74 | Lt. | 7.5' |
| 6+86 | Lt. | 1.5' |



TYPICAL TRAIL SECTION

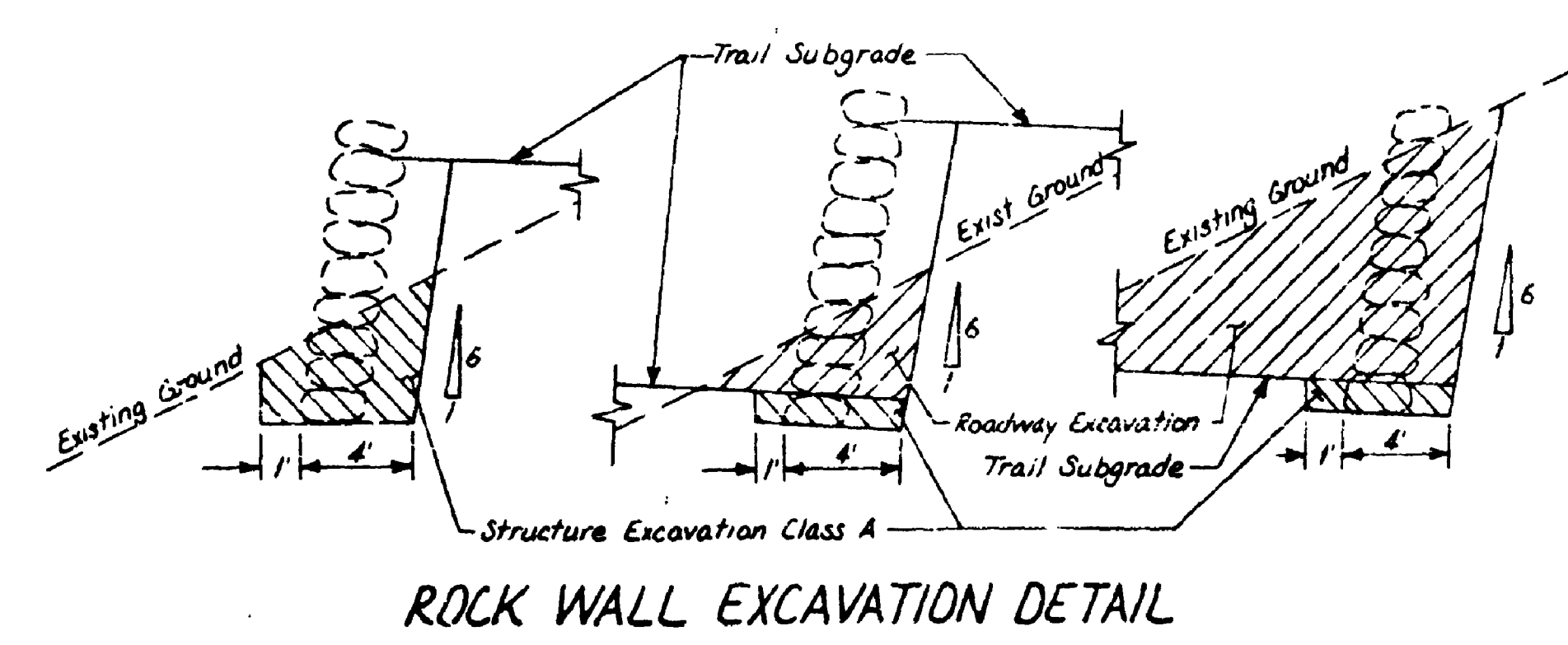


HANDRAIL FOR TRAIL SECTIONS

* NOTE: All steel Rail, Posts, and Bolsters are hot dipped galvanized treated

| TYPE II RAILING | |
|-----------------|---------------------|
| Landing A | 3+26.38 To 3+81 Lt. |
| Trail A | 3+87 To 4+78 Lt. |
| Wall A | 0+00 To 1+02 Lt. |
| Landing B | 3+45 To 3+90 Rt. |
| Trail B | 3+96 To 4+75 Rt. |
| Trail D | 1+53 To 4+34 Rt. |
| | 4+34 To 5+11 Lt. |
| | 5+11 To 5+94 Rt. |
| | 5+94 To 7+04.6 Lt. |
| Wall 2 | 0+72 To 2+88 |

| TYPE I HANDRAIL | |
|-----------------|------------------|
| Trail A | 1+02 To 3+76 Rt. |
| Trail B | 0+30 To 1+74 Rt. |
| | 1+74 To 3+64 Lt. |
| Trail C | 0+00 To 2+26 Rt. |
| | 2+26 To 2+83 Lt. |
| | 2+83 To 3+42 Rt. |
| Trail D | 0+00 To 1+53 Rt. |
| All Stairs | - Both Sides |



ROCK WALL EXCAVATION DETAIL

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE I
KING COUNTY

HANDRAIL AND ROCK WALL DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

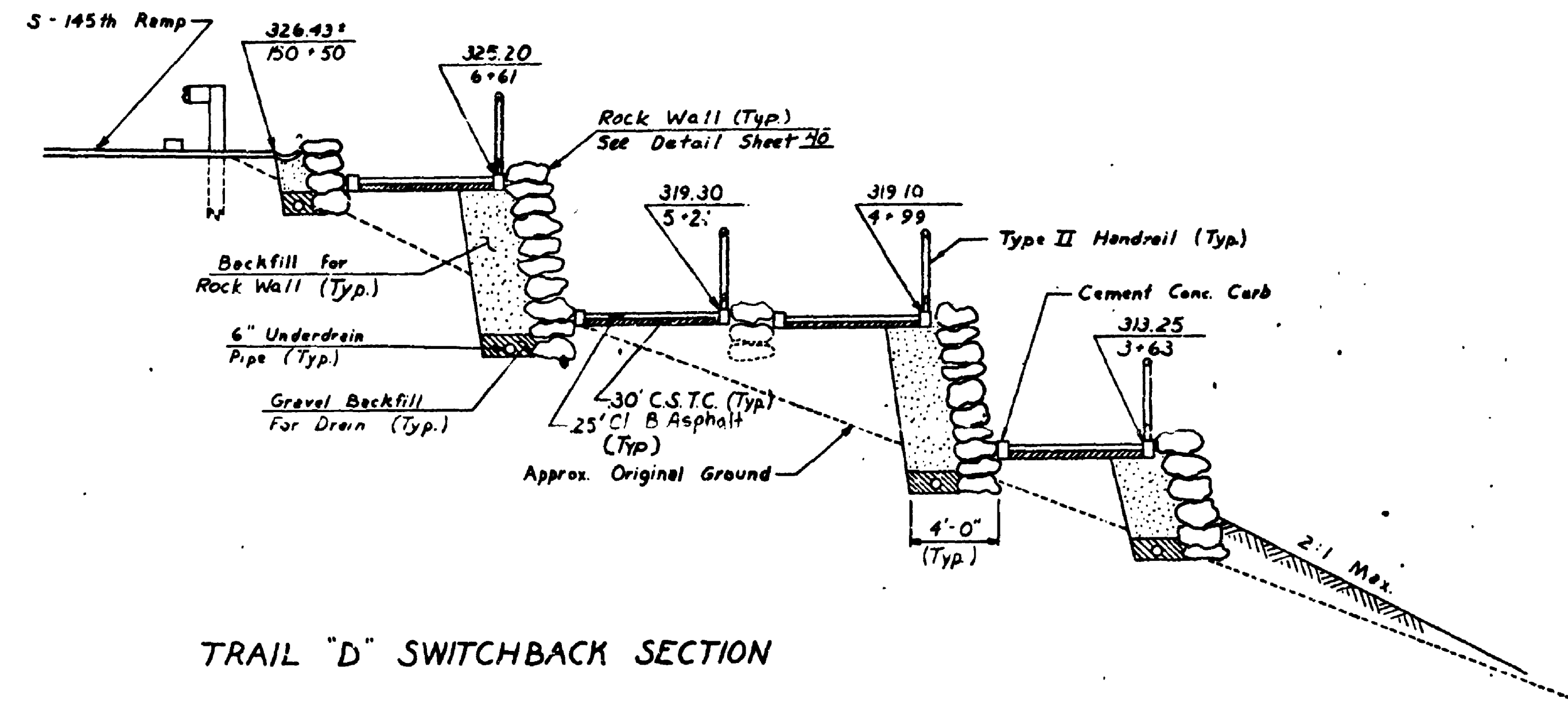
W. A. BAILEY



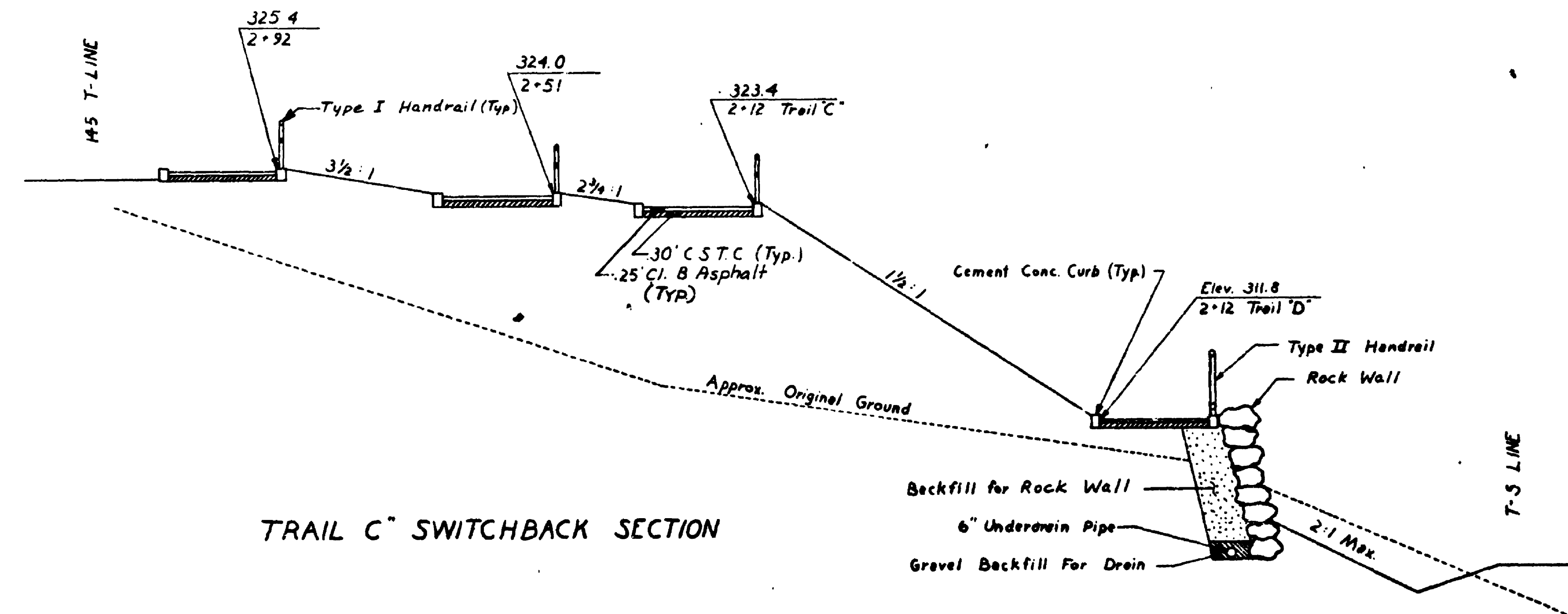
CONTRACT NUMBER 1626 APPROVED May 25, 1979
SHEET 40 OF 68 SHEETS

NE 145th Flyer Stop Stage I
King County
Handrail & Rock Wall Details
Sheet 40 of 68

SR 5 2350



TRAIL "D" SWITCHBACK SECTION



TRAIL "C" SWITCHBACK SECTION

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

ROCK WALL SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLY SECRETARY



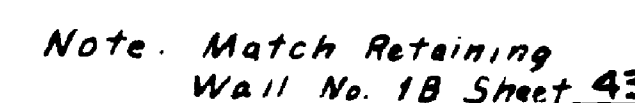
APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 41 OF 68 SHEETS

SR 5, 2350

SR-5
N.E. 145th Flyer Stop - Stage 1
King County
Rock Wall Sections
Sheet 41 of 68

| DATE | BY | REVIEWED | RIGHT OF WAY CHECKED |
|------|----|----------|----------------------|
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| DATE | BY | REVIEWED | RIGHT OF WAY CHECKED |
|------|----|----------|----------------------|
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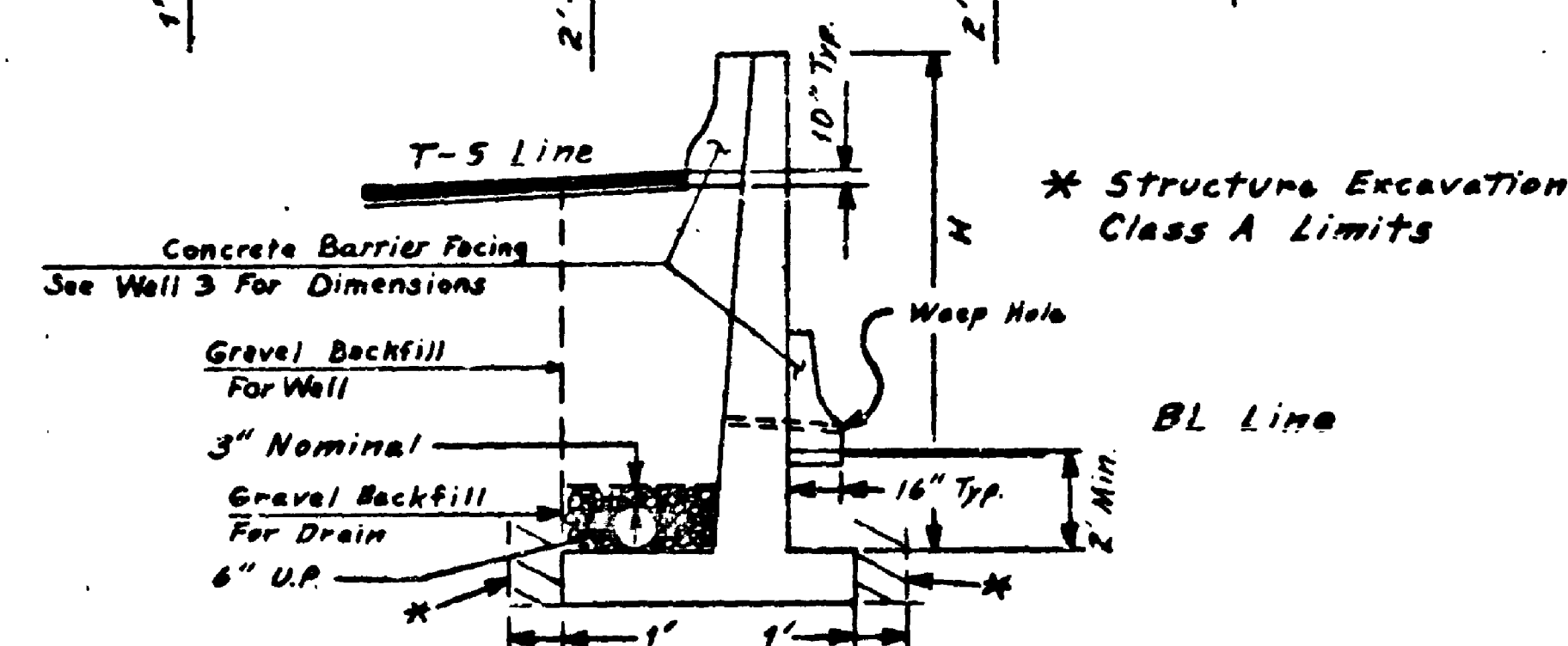




WALL NO. 1A TYPICAL SECTION

11 Design Height

10 0 10 20
SCALE IN FEET



RETAINING WALL NO. 1A

W. A. RILEY SECRETARY

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26



24

APPROVED May 25, 1979

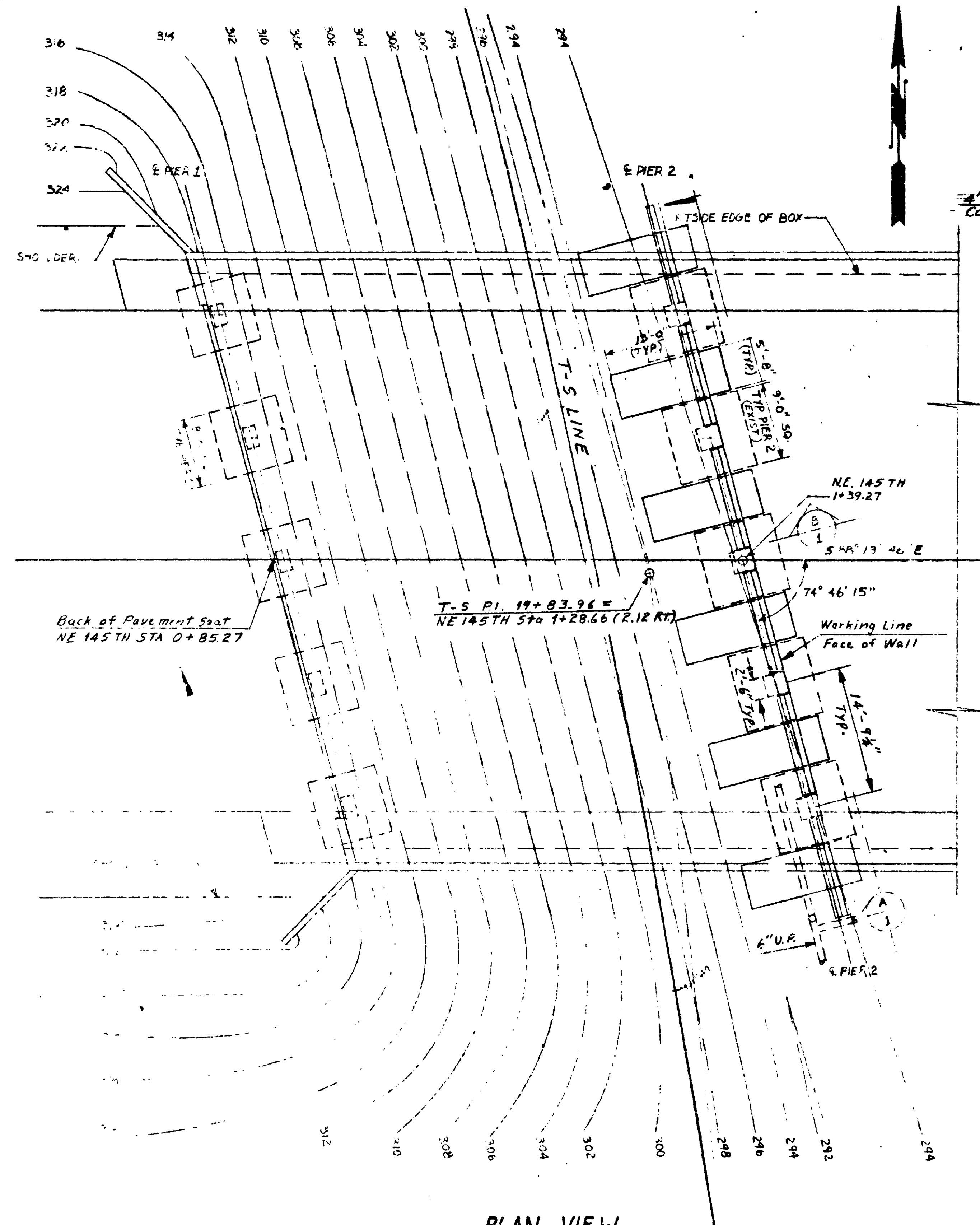
CONTRACT NUMBER 1626 SHEET 42 OF 68 SHEET

SR 5, 335A

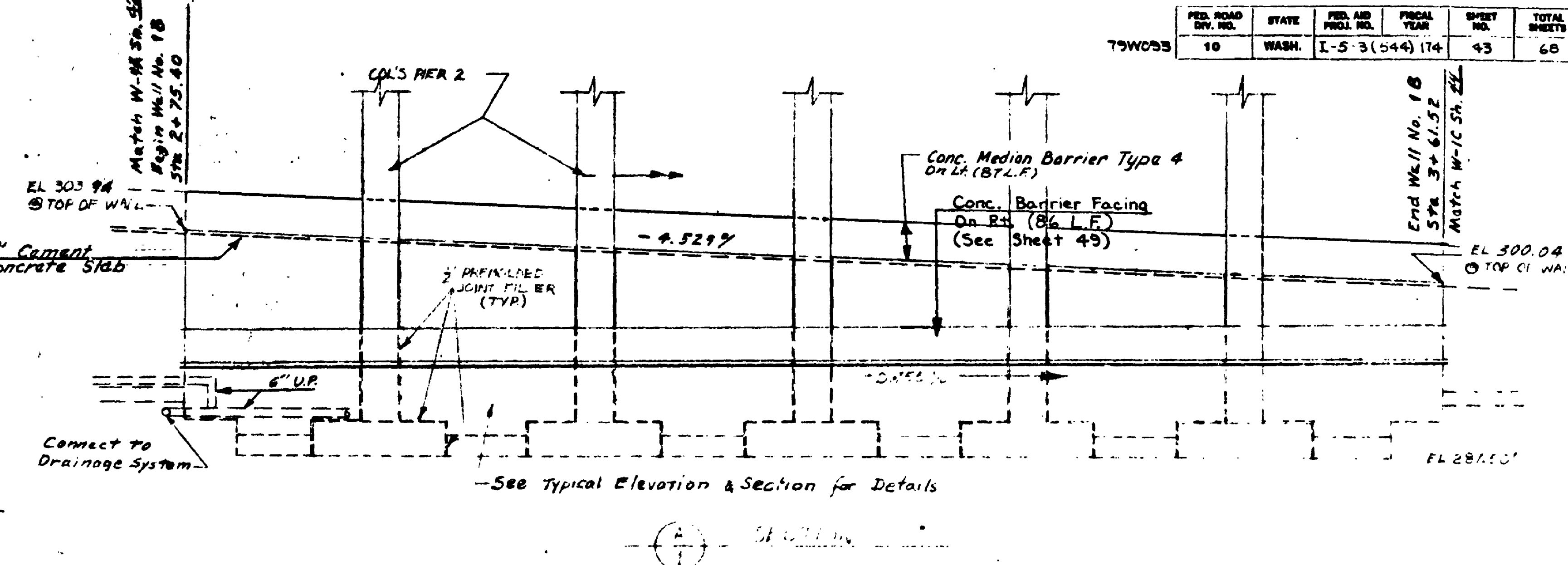
7255

NE 145th Flyer stop page 1
Kro County
Retaining Wall 1A
Sheet 42 of 50 Sheets

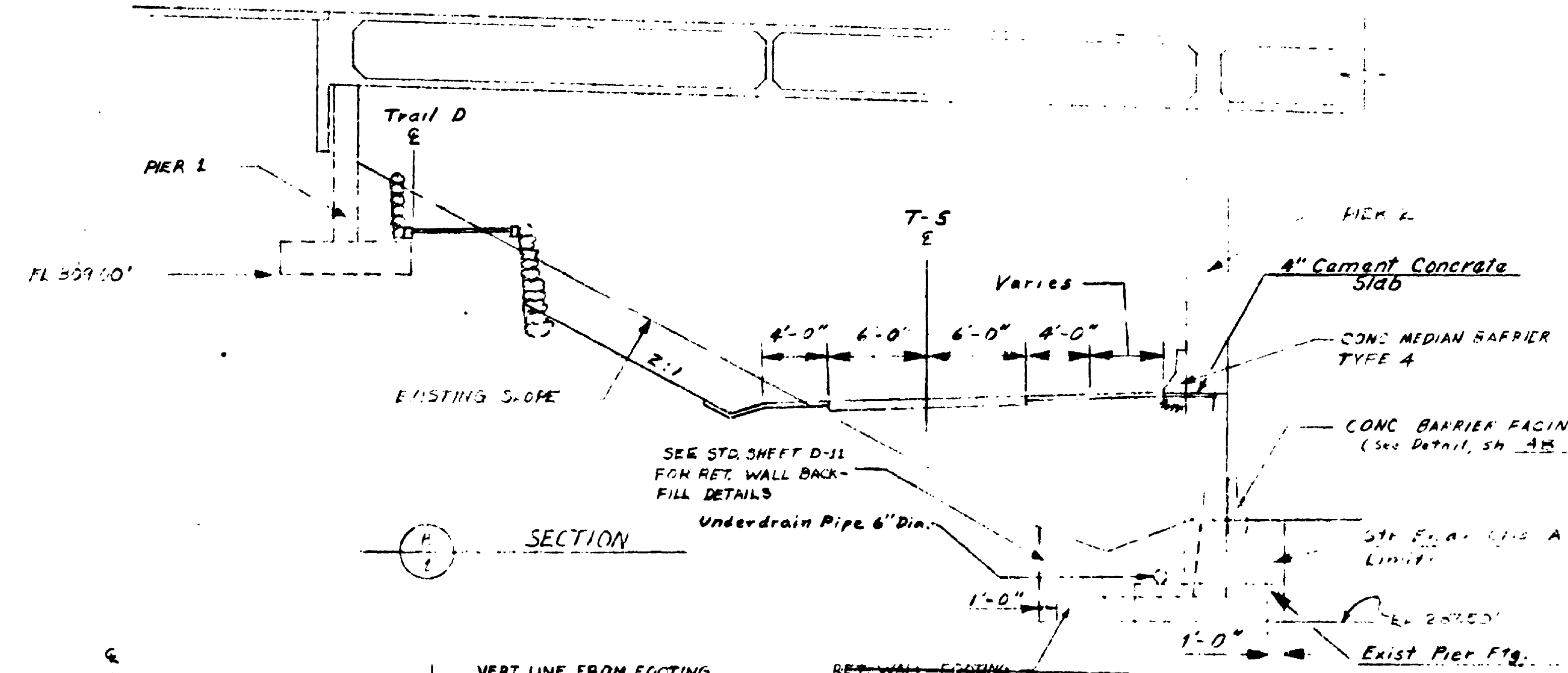
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|--------------------|-------|--------------------|-------------|-----------|--------------|
| 10 | WASH. | I-5-3(544) 174 | 43 | 68 | |



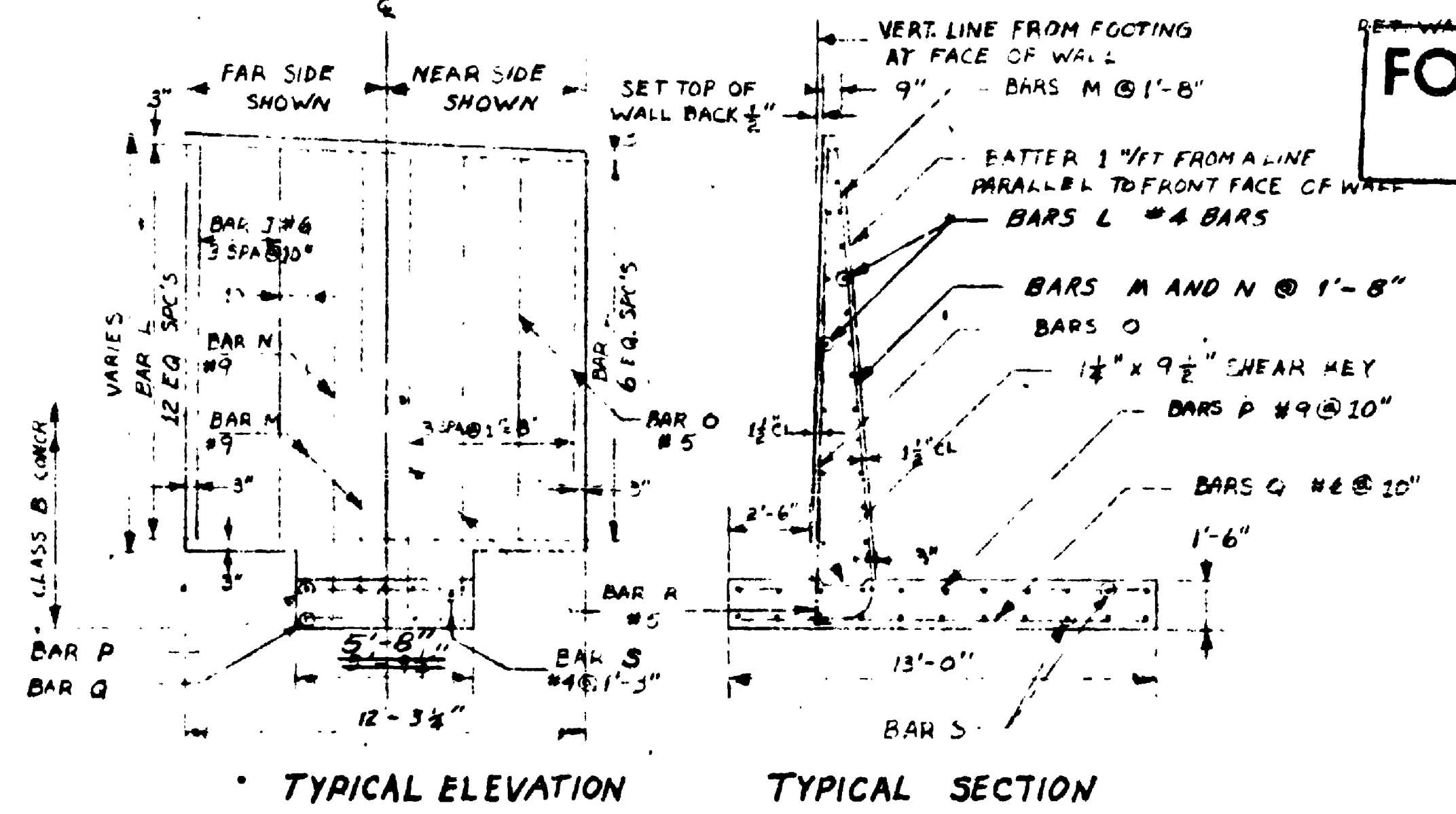
PLAN VIEW



FRONT ELEVATION WALL NO. 1B
T-S STA. 19+41.19 TO T-S STA. 20+26.11



SECTION

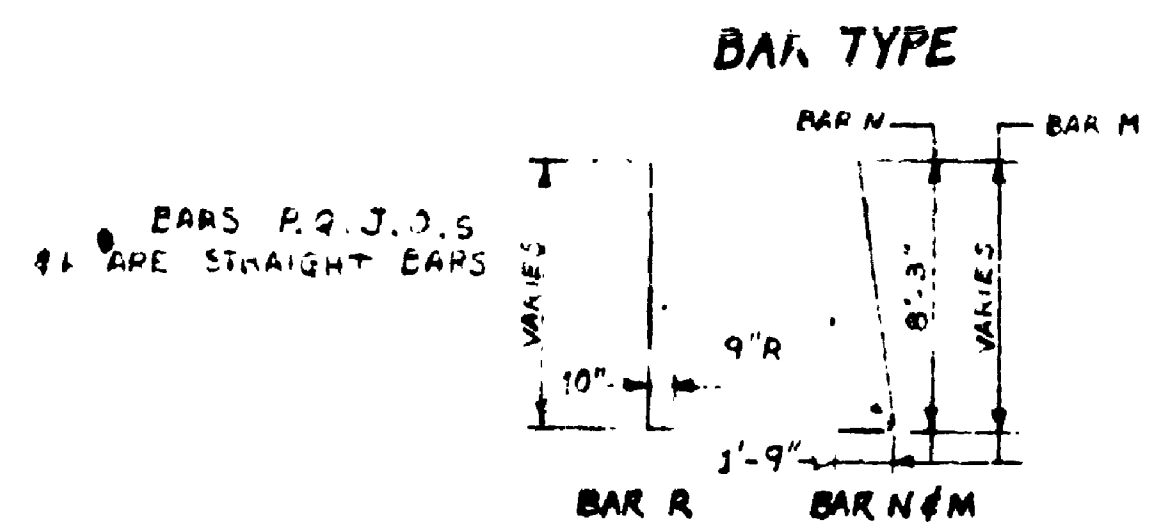


TYPICAL ELEVATION

TYPICAL SECTION

FOR "AS CONSTRUCTED PLANS" ONLY

Note: Contractor shall field verify dimensions between existing columns.



SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

RETAINING WALL NO. 1B

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAILEY



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APPROVED May 25, 1975
CONTRACT NUMBER 1626 SHEET 43 OF 68 SHEETS

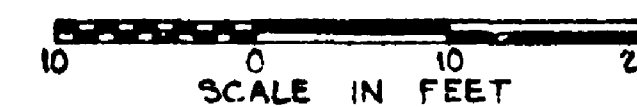
SR 5 2.35

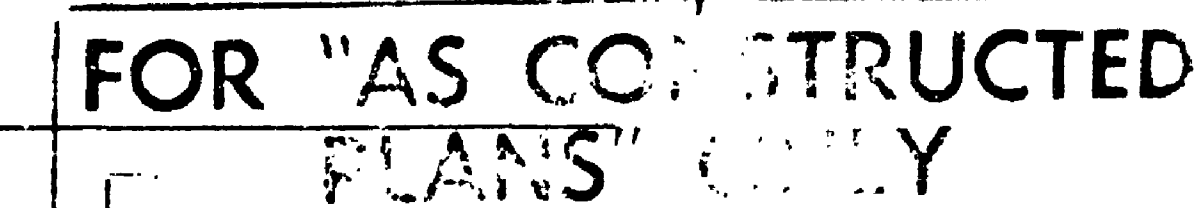
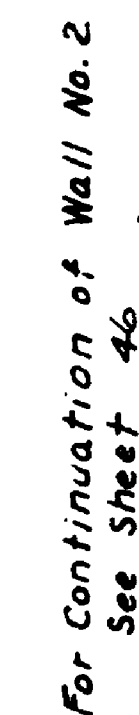


- City of Seattle

AS BUILT QUANTITIES IN FINAL RECORD BOOK NO. 1

APPROVED May 23, 1979
PAGE 44 OF 68 PAGES



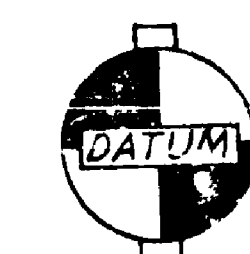
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RETAINING WALL NO. 2

OLYMPIA WASHINGTON

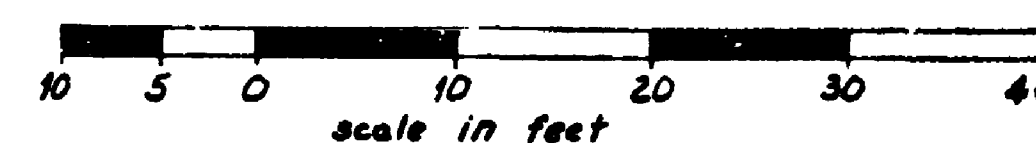
W. A. BULLEY

SECRETARY



City Of Seattle

WALL No. 2



CONTRACT NUMBER 1626 APPROVED May 25, 1919
SHEET 45 OF 68 SHEETS

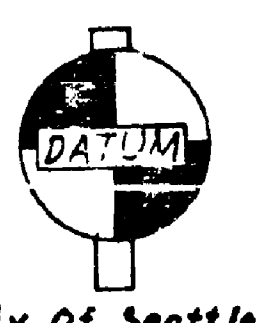
SP 5/15

SR 5
1452
145th Flyer stop Stage 1
King County
Retaining Wall No. 2
Sheet 45 of 50

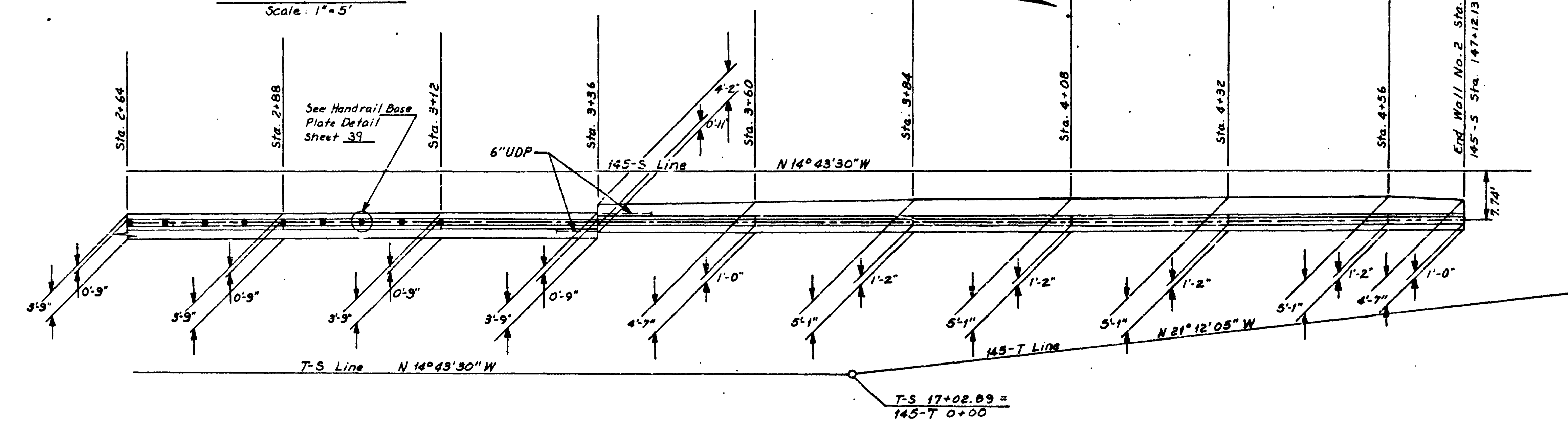
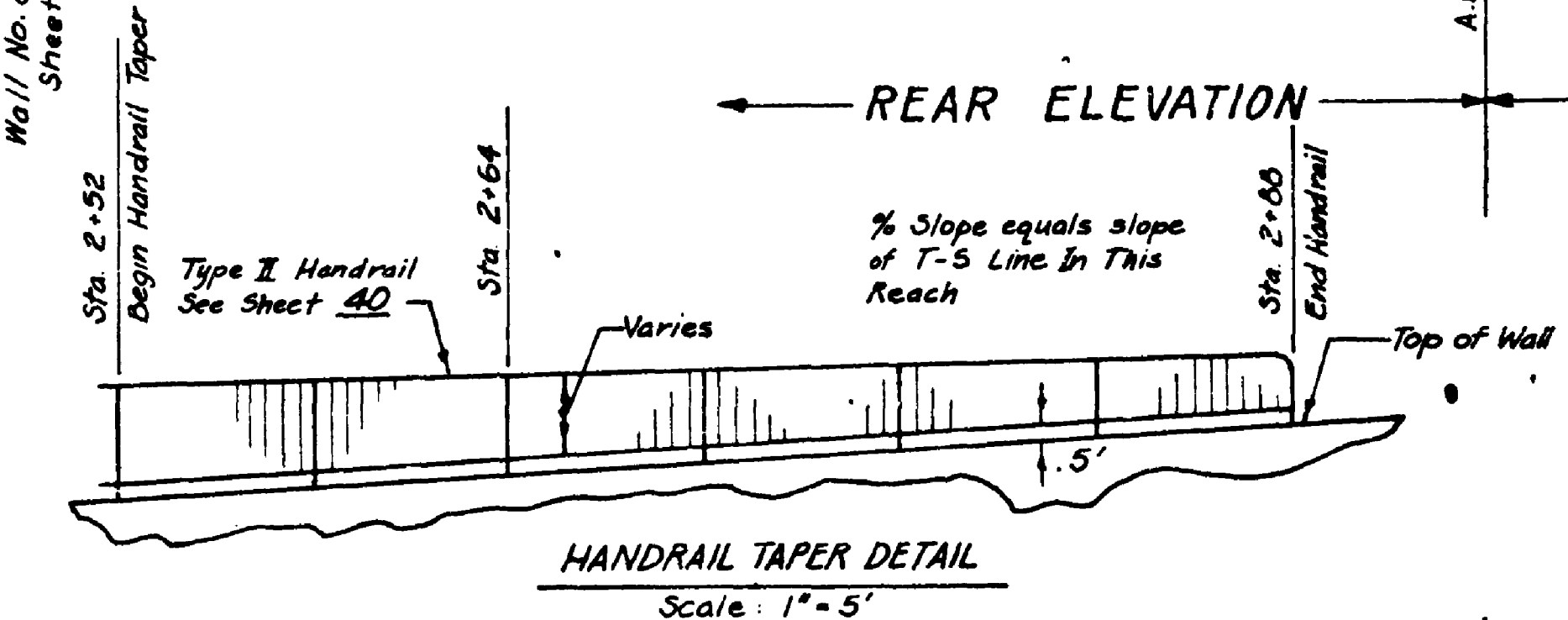
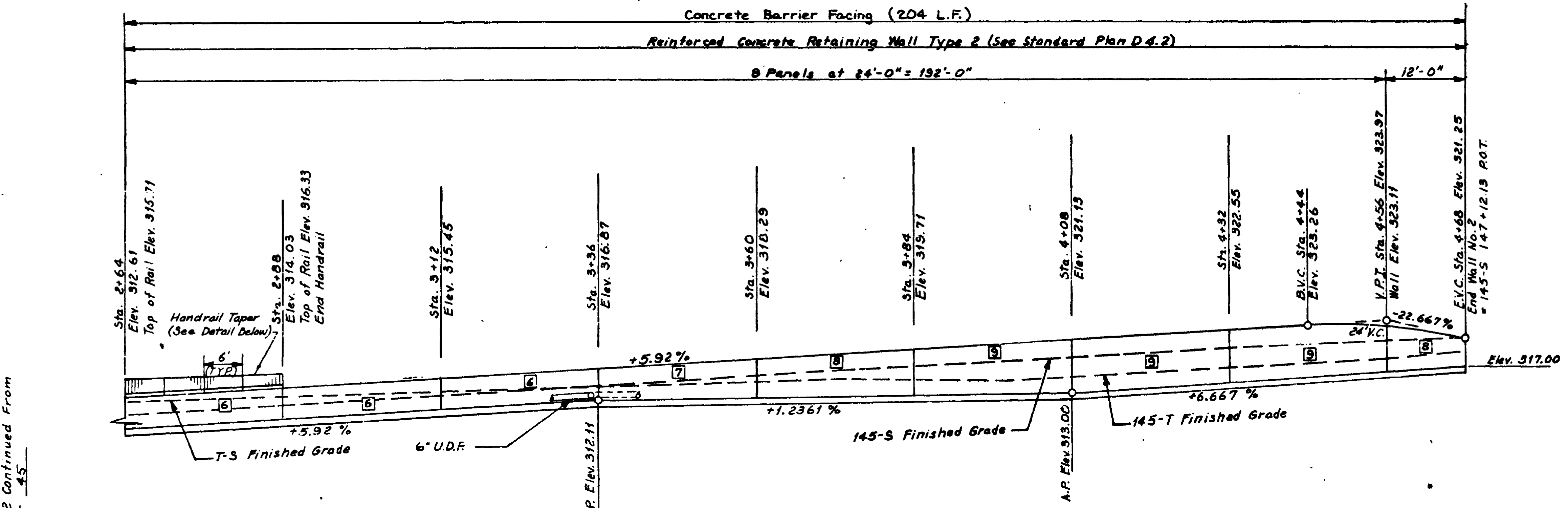
| REVIEWED | DATE |
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SR 5
NE 145th Flyer Stop Stage 1
King County
Retaining Wall No. 2
Sheet 46 of 68

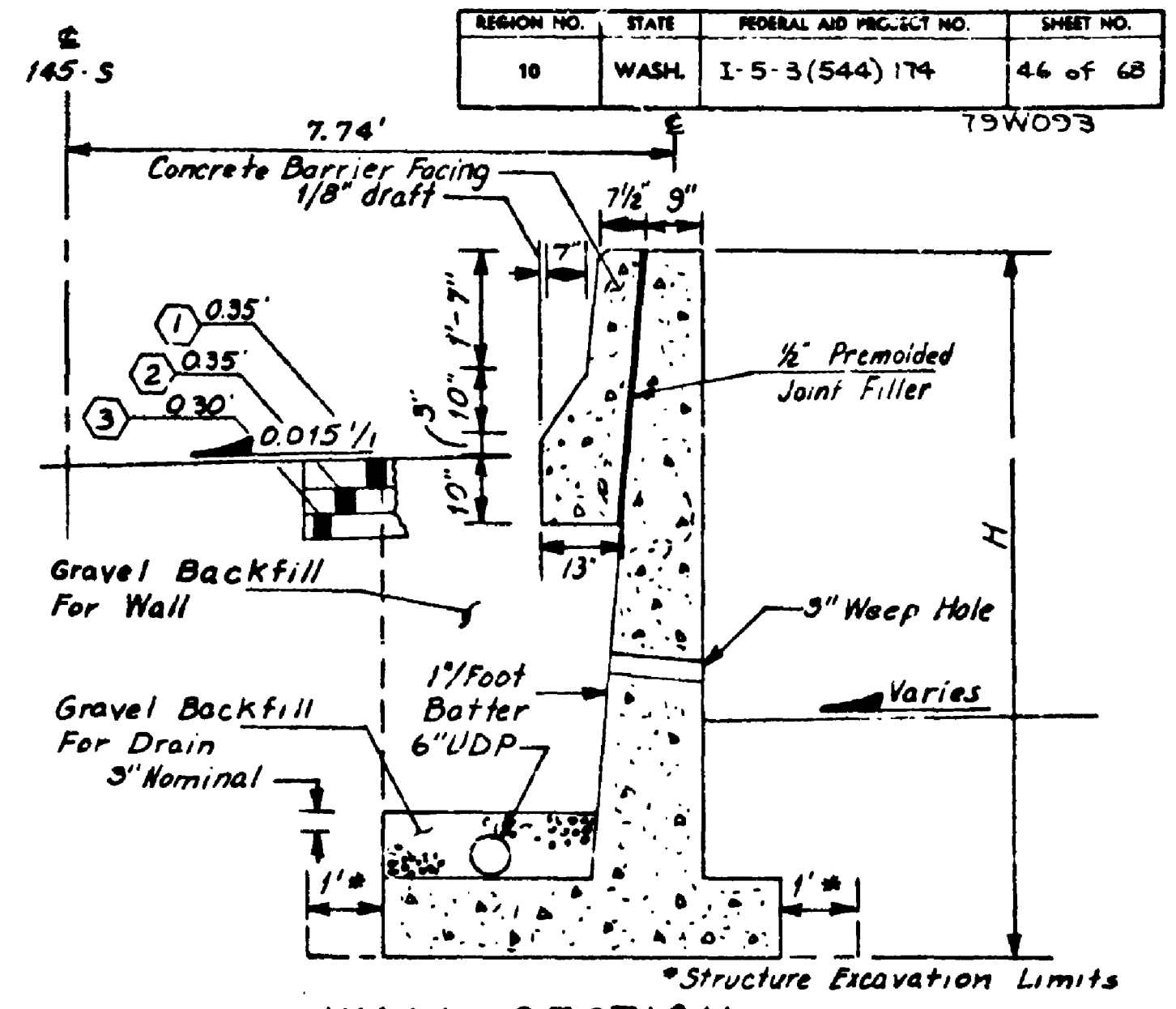
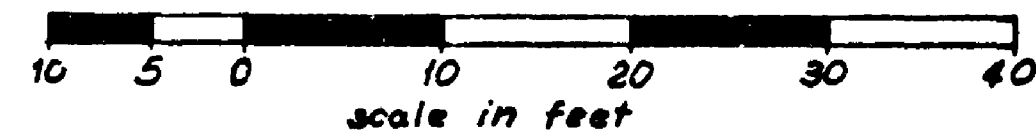


City of Seattle

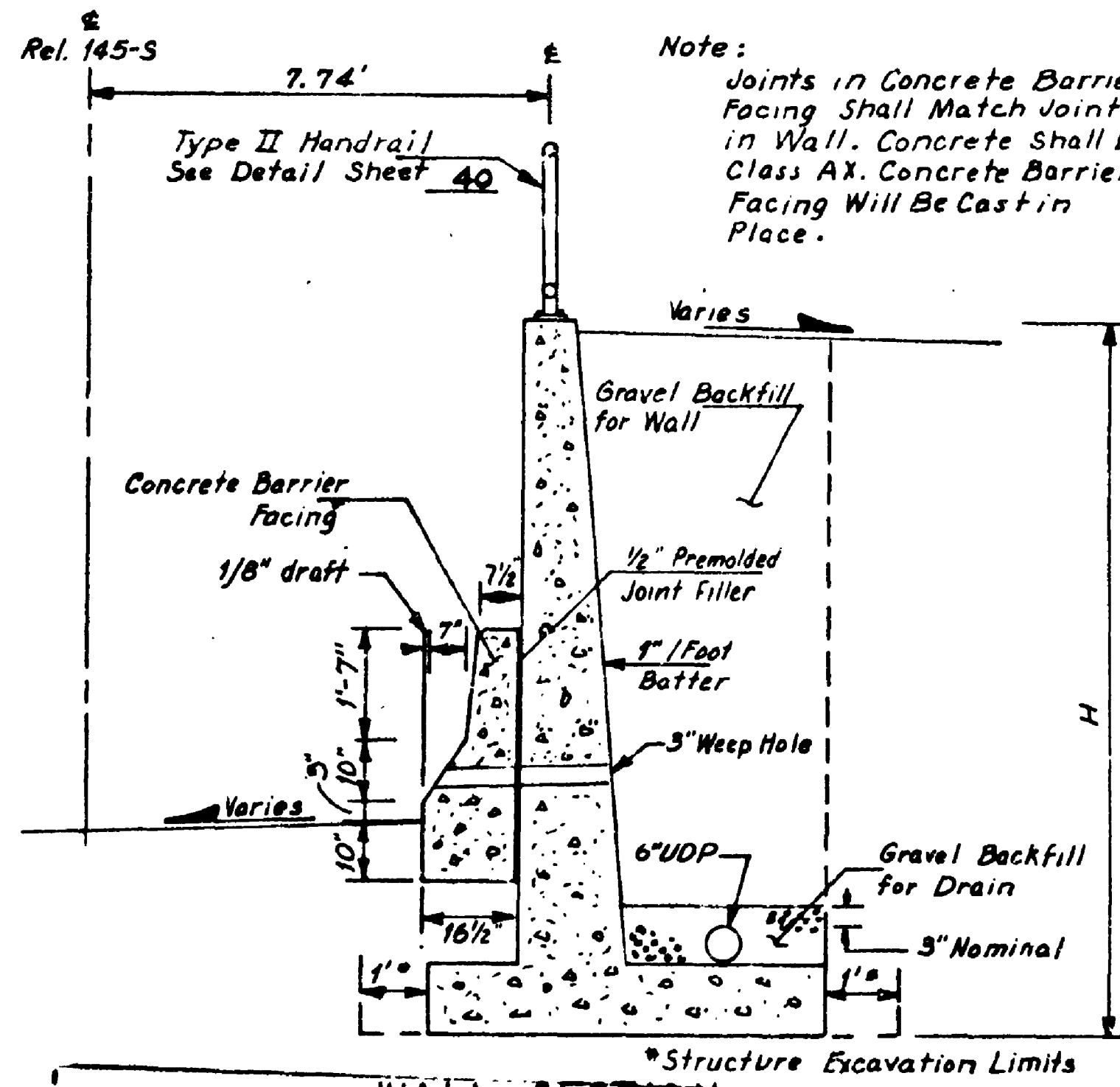


WALL AND FOOTING PLAN

WALL No. 2



WALL SECTION
Sta. 3+36 To Sta. 4+68



FOR "AS CONSTRUCTED" PLANS ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

RETAINING WALL NO 2

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA WASHINGTON

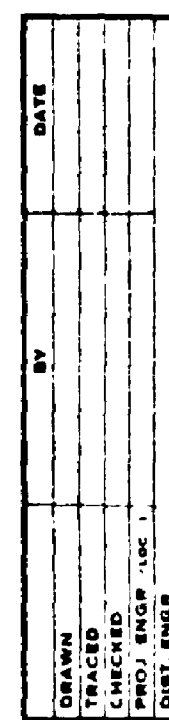
W. A. BULLEY SECRETARY



APPROVED May 25, 1979
CONTRACT NUMBER 1626 SHEET 46 OF 68 SHEETS

SR 5

| REVIEWED | BY | DATE |
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| RIGHT OF WAY CHECKED | | |
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| " | | |
| " | | |



Special Gutter See Detail This Sheet

10 WASH. I-5-3(544) 174 47 of 68

79 W 093

9"

1 1/2" Max.

Gravel Backfill for Wall

1"/Foot Batter

3/4" Premolded Joint Filler

Concrete Barrier Facing

3" Weep Hole

6" UDP

3" Nominal

Gravel Backfill For Drain

275' To Edge of Shld.

75' 3/8" draft

7"

10" 1-7"

3"

10"

16 1/2"

1"

0.05%

0.02%

H

Elev. 292.53


Elev. 295.20

B.L. Sta. 130+46.27 101.31' Lt.

*Structure Excavation Limit.

Plan view of the BL Line showing stationing from 0+00 to 2+16.5. The line is oriented N 01° 24' 00" E. Stationing markers include: Begin Wall No 3 Sta. 0+00, BL Sta. 134+30 90.5' Lt, Sta. 0+24, Sta. 0+48, Sta. 0+72, Sta. 0+96, Sta. 1+20, Sta. 1+44, Sta. 1+68, Sta. 1+92, and End Wall No 3 Sta. 2+16.5. Various offset measurements are shown along the line, such as 3'-0", 0'-9", 90.5', 4'-1", 0'-11", 5'-8", 1'-2", 6'-8", 1'-4", 7'-2", 1'-5", 6'-2", 1'-3", 3'-6", 0'-10", 3'-0", 0'-9", and 3'-0", 0'-9". A 6" U.D.P. (Under Drainage Pipe) is indicated near the end wall. A north arrow is shown at the top right.

SPECIAL GUTTER
FOR "AS CONSTRUCTED
PLANS" ONLY



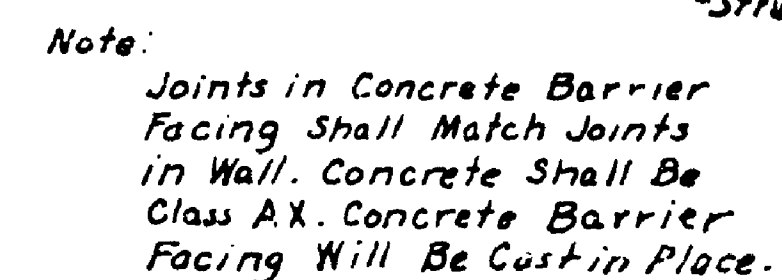
WALL No. 3



CONTRACT NUMBER 4.2 APPROVED May 25, 1979
SHEET 47 OF 68 SHEETS

SR 5/2350

79W093



FOR "AS CONSTRUCTED
PLANS" ONLY

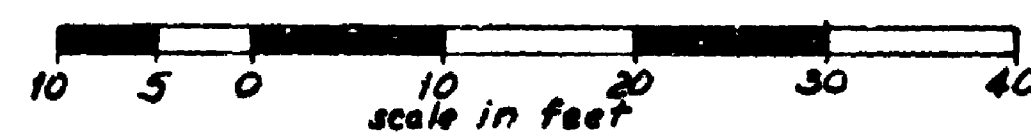
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION



SRS / 2350



WALL No. 4



SR5
L4352
145th Flyer stop Stage 1
King County
Wail No. 4
Sheet 48 of shorts

CONSTRUCTION NOTES:

1. Install New Type "E" Service Panel At This Location With Necessary Circuit Breakers, Transformer Meters, Switches, Time Clocks, Photo Cell And Other Electrical Equipment As Detailed In The Contract
2. Intercept Existing Service Conductors And Splice To New Wiring Shown In Wire Notes And Extend To New Service Panel Location.
3. Remove Existing Service Panel From Its Present Location. Remove And Dispose Of Existing Concrete Base And Cabinet
4. Install Conduit As Indicated In Wire Notes Under Existing Pavement By Method Approved By The Engineer
5. Mount Conduit Indicated In Wire Notes On Existing Roadway Structure By Method Approved By The Engineer.

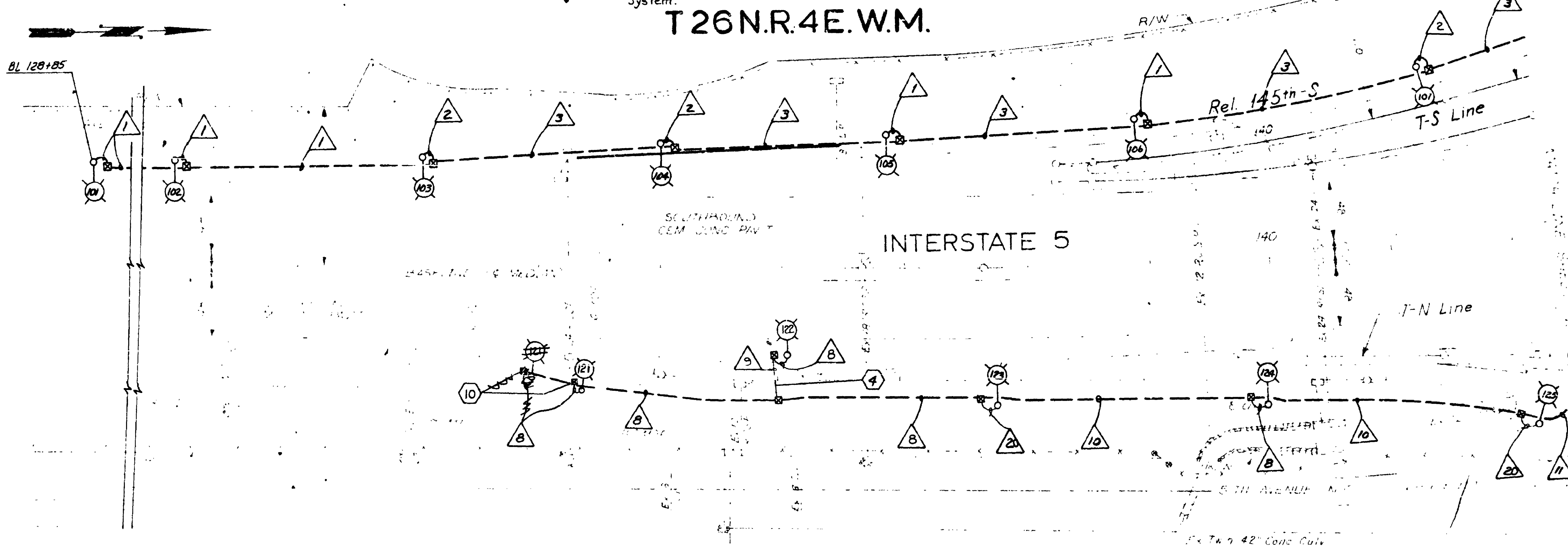
6. Mount Underdeck Luminaire To Bottom Side Of Roadway Structure As Detailed On The Contract Plans
7. Install Light Standard On Top Of Retaining Wall As Detailed On The Contract Plans
8. Install Service Conduit And Wire As Indicated In Wire Notes, Up Existing Utility Power Pole Per Utilities Requirements
9. Stub Conduit As Indicated In Wire Notes Into Concrete Base For Shelter.
10. Run Conduit Into Existing Junction Box. Splice Existing Wires To Sign Bridge Lights Into Circuit Indicated Below On Same Day As Changeover To New Illumination System.

| SUA 675 BREAKER SCHEDULE | | |
|--------------------------|---------|-----------|
| BREAKER | SIZE | CONTACTOR |
| Main | 100A-DP | 30 |
| 1 | 15A-DP | 30 |
| 2 | 15A-DP | 30 |
| 3 | 15A-DP | 30 |
| 4 | 15A-DP | 30 |
| 5 | 15A-DP | 30 |
| 6 | 15A-DP | 30 |
| 7 | 15A-DP | 30 |
| 8 | 15A-DP | 30 |
| 9 | 15A-DP | 30 |
| Transformer | 15A-DP | 30 |
| Receptacle | 20A-SP | — |
| Heater | 15A-SP | — |
| Control | 15A-SP | — |

- NOTES:
1. Dimensions Shown For Service Cabinets On Standard Plans Are Minimum Dimensions, And Shall Be Increased Where Necessary To Enclose Required Equipment.
 2. The Following Equipment Within The Service Enclosure Shall Be Identified By An Appropriate Engraved Phenolic Name Plate With The Provision That Branch Circuit Breaker And Contactor Name Plates Shall Identify The Respective Circuit As Shown In The Breaker Schedule: (2, 3, 5, 6, 8, 9, 11, 15, 16, 18).
 3. For Legend, See Sheet 51A.

IDENTIFICATION LEGEND FOR SUA 675

1. Meter Base
2. Main Breaker (See Breaker Schedule)
3. Transformer Breaker
4. Dry Transformer (480/120 Volt, 5 KVA)
5. Control Breaker
6. Test Switch (SPST-10 Amp-125 Volt-"T" Rated)
7. Photo Electric Control
8. Time Clock
9. Branch Breaker (See Breaker Schedule)
10. Elapsed Time Meter (Non Resettable-99,999 Hours)
11. Contactor (See Breaker Schedule)
12. Neutral Buss
13. Receptacle Grounded (20 Amp, GFI, Duplex)
14. Receptacle Breaker
15. Thermostat (40°F. Nominal Closure, 125 Volt)
16. Strip Heater (300 Watt-Nominal)
17. Heater Breaker



LUMINAIRE SCHEDULE SUA 675

| Station | Luminaire No | Circuit No | Type | Wattage/Dist | Mast Arm | Dist. From Pav't Edge | Mounting Height | Fixture Type*** |
|-----------------|--------------|------------|------|--------------|----------|-----------------------|-----------------|-----------------|
| BL 128+85 | 101 | 1 | 250 | III | 16' | 16' | 40' | S |
| BL 131+00 | 102 | 1 | 250 | III | 16' | 16' | 40' | S |
| BL 133+05 | 103 | 3 | 250 | III | 16' | 16' | 40' | S |
| BL 135+00 | 104 | 3 | 250 | III | 16' | 16' | 40' | S |
| BL 136+85 | 105 | 1 | 250 | III | 16' | 16' | 40' | S |
| 145-S 138+90 | 106 | 1 | 250 | III | 16' | 16' | 40' | S |
| 145-S 141+35 | 107 | 3 | 250 | III | 16' | 16' | 40' | S |
| T-S 14+53 | 108 | 3 | 250 | III | 2' | 23' | 30' | D |
| T-S 15+33 | 109 | 3 | 250 | III | 2' | 23' | 30' | D |
| T-S 16+65 | 110 | 3 | 200 | III | 2' | 23' | 30' | D |
| 145-S 146+30 | 111 | 3 | 200 | III | 2' | 23' | 30' | D |
| 145-S 148+70 | 112 | 1 | 200 | III | 2' | 23' | 30' | D |
| Trail D 2+50 | 113 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| Trail D 2+50 | 114 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| Trail D 2+95 | 115 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| Trail D 2+95 | 116 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| BL 154+50 | 118 | 1 | 250 | III | 16' | 16' | 40' | S |
| BL 156+80 | 119 | 1 | 250 | III | 16' | 16' | 40' | S |
| S-145 158+95 | 120 | 1 | 250 | III | 12' | 12' | 40' | S |
| N-145 133+95 | 121 | 5 | 250 | III | 12' | 12' | 40' | S |
| BL 136+05 | 122 | 5 | 250 | III | 12' | 12' | 40' | S |
| N-145 137+35 | 123 | 5 | 250 | III | 12' | 12' | 40' | S |
| N-145 140+20 | 124 | 5 | 250 | III | 12' | 12' | 40' | S |
| N-145 142+35 | 125 | 2 | 250 | III | 12' | 12' | 40' | S |
| N-145 144+40 | 126 | 6 | 400 | III | 8' | 18' | 40' | S |
| N-145 146+50 | 127 | 6 | 400 | III | 8' | 18' | 40' | S |
| N-145 148+50 | 128 | 6 | 400 | III | 8' | 18' | 40' | S |
| 145th St 150+40 | 129 | 6 | 400 | III | 8' | 18' | 40' | S |
| 145th St 151+15 | 130 | 6 | 400 | III | 8' | 18' | 40' | S |

LUMINAIRE SCHEDULE SUA 675 (CONT.)

| Station | Luminaire No | Circuit No | Type | Wattage/Dist | Mast Arm | Dist. From Pav't Edge | Mounting Height | Fixture Type*** |
|--------------|--------------|------------|------|--------------|----------|-----------------------|-----------------|-----------------|
| 145-N 0+50 | 131 | 5 | 250 | III | 16' | 16' | 40' | S |
| 145-N 2+00 | 132 | 2 | 250 | III | 16' | 16' | 40' | S |
| 145-N 4+30 | 133 | 2 | 250 | III | 16' | 16' | 40' | S |
| BL 156+35 | 134 | 5 | 250 | III | 16' | 16' | 40' | S |
| BL 158+50 | 135 | 5 | 250 | III | 16' | 16' | 40' | S |
| BL 160+70 | 136 | 2 | 250 | III | 16' | 16' | 40' | S |
| BL 162+55 | 137 | 2 | 250 | III | 16' | 16' | 40' | S |
| BL 164+50 | 138 | 2 | 250 | III | 16' | 16' | 40' | S |
| BL 166+50 | 139 | 2 | 250 | III | 16' | 16' | 40' | S |
| BL 168+55 | 140 | 5 | 250 | III | 16' | 16' | 40' | S |
| BL 170+70 | 141 | 5 | 250 | III | 16' | 16' | 40' | S |
| T-N 17+15 | 142 | 4 | 250 | III | 2' | 21.5' | 30' | D |
| T-N 18+15 | 143 | 4 | 250 | III | 2' | 21.5' | 30' | D |
| Trail A 4+41 | 144 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| Trail A 4+12 | 145 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| Trail A 3+83 | 146 | 4 | 70 | NA | 19' | N.A. | N.A. | U |
| T-145 0+75 | 147 | 4 | 250 | III | 16' | 16' | 40' | S |
| N-145 133+50 | 148 | 5 | 250 | III | 16' | 16' | 40' | S |
| S-145 153+00 | 149 | 1 | 250 | III | 16' | 16' | 40' | S |

NOTES:

- * Break Away Base Required.
- ** To Be Mounted On Wall.
- *** S - Standard Cobra Head; D - Decorative; U - Underdeck
- † Distance From Survey Line.

| WIRE NOTES SUA 675 | | | |
|--------------------|--------------|-----------|------------------|
| RUN NO | CONDUIT SIZE | WIRE SIZE | CIRCUIT NO |
| 1 | 1" | 2#8 | 1 |
| 2 | 1" | 2#8 | 3 |
| 3 | 1 1/4" | 4#8 | 1, 3 |
| 5 | 1 1/2" | 2#8 | 1 |
| 6 | 1 1/2" | 4#8 | 1, 3 |
| 7 | Exist 2" | 6#8 | 1, 3, 4 |
| 8 | Exist 1" | 2#8 | 5 |
| 9 | 1 1/4" | 2#8 | 5 |
| 10 | 1 1/4" | 4#8 | 2, 5 |
| 11 | 1 1/2" | 4#8 | 2, 5 |
| 12 | 2" | 12#8 | 1, 2, 3, 4, 5, 6 |
| 13 | 2" | — | Future |
| 14 | 1" | 2#8 | 6 |
| 15 | 2" | 8#8 | 2, 4, 5, 6 |
| 18 | 1 1/2" | 4#8 | 2, 5 |
| 19 | 1 1/4" | 4#8 | 2, 5 |
| 20 | 1" | 2#8 | 2 |
| 21 | 1 1/2" | 3#2 | Service SUA 675 |
| 22 | 1" | 2#8 | 4 |
| 23 | 1 1/4" | 2#8 | 1, 4 |
| 24 | 2" | 6#8 | 1, 3, 4 |
| 25 | 3" | — | Traffic Signal |

SCALE IN FEET

| | |
|---|----------|
| Rev. (10), Wiring Schematic, SUA 675 Tables, Note 2 | J.K. |
| 6-20-79 & Illumination Plan, Added Note 3 | BY |
| DATE | REVISION |

480 VOLT ELECTRICAL SERVICE CIRCUIT SCHEMATIC FOR "AS CONSTRUCTED" PLANS ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

ILLUMINATION PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY



APPROVED May 25, 1979
SHEET 50 OF 68 SHEETS

CONTRACT NUMBER

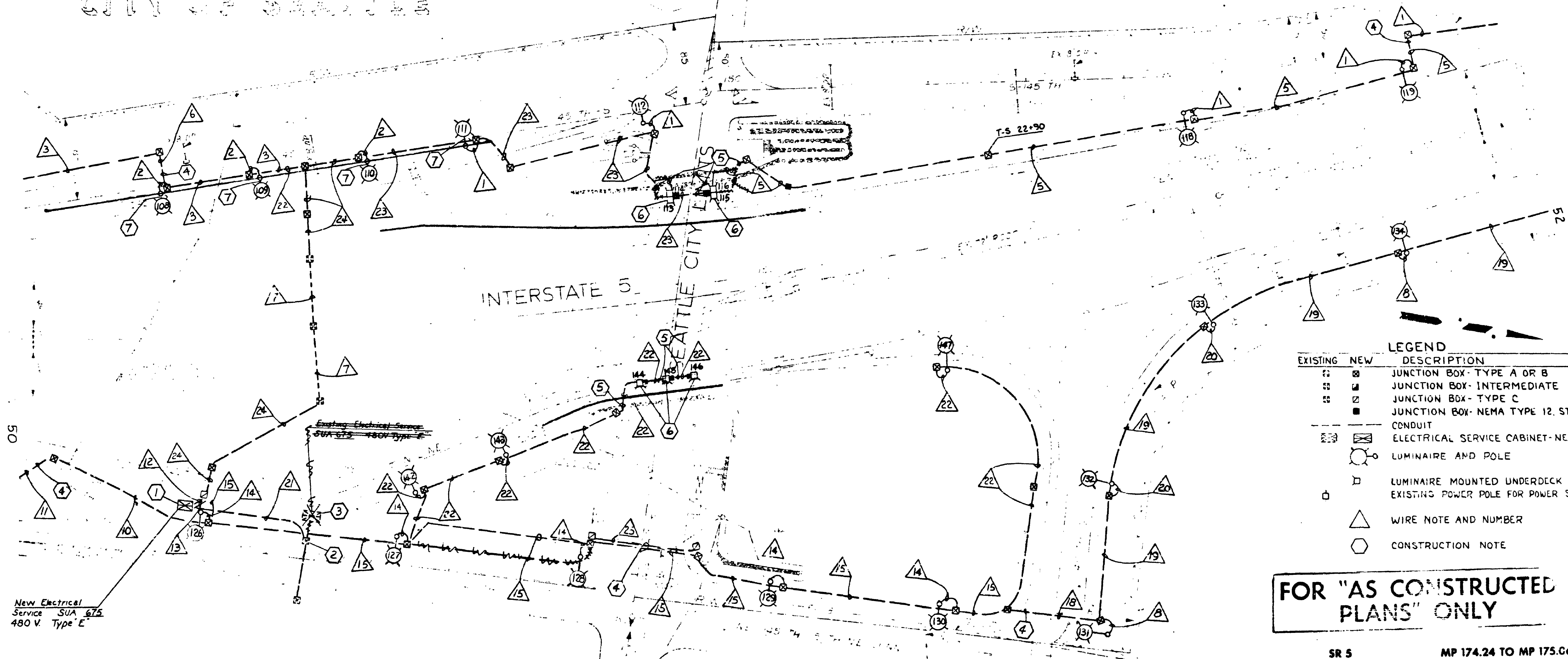
T. 26 N. R. 4 E. W.M.

I-5-3(544) 174 51 of 68
79 W 093

• 16 1/4 N.W. 1/4 SEC 20

SE 1/4 SW 1/4 SEC 17

CITY OF SEATTLE



| LEGEND | | DESCRIPTION |
|----------|-----|--------------------------------------|
| EXISTING | NEW | JUNCTION BOX- TYPE A OR B |
| EXISTING | NEW | JUNCTION BOX- INTERMEDIATE |
| EXISTING | NEW | JUNCTION BOX- TYPE C |
| EXISTING | NEW | JUNCTION BOX- NEMA TYPE 12, STEEL |
| EXISTING | NEW | CONDUIT |
| EXISTING | NEW | ELECTRICAL SERVICE CABINET-NEW |
| EXISTING | NEW | LUMINAIRE AND POLE |
| EXISTING | NEW | LUMINAIRE MOUNTED UNDERDECK |
| EXISTING | NEW | EXISTING POWER POLE FOR POWER SOURCE |
| EXISTING | NEW | WIRE NOTE AND NUMBER |
| EXISTING | NEW | CONSTRUCTION NOTE |

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.66
N.E. 145TH ST. FLYER STOP - STAGE I
KING COUNTY

ILLUMINATION PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY

SECRETARY



Scale In Feet
0 50 100 150 200

| | | |
|---------|--------------------------------|------|
| 6-20-79 | Added Legend, Rev Illumination | R.B. |
| DATE | REVISION | BY |

CONTRACT NUMBER 1626
APPROVED May 25, 1979
SHEET 51 OF 68 SHEETS

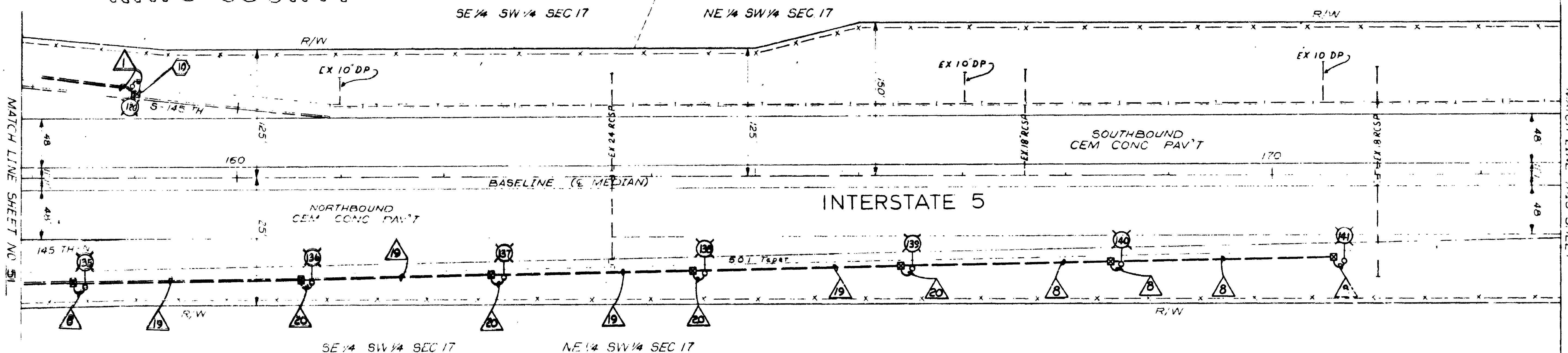
SR 5
MP 145.2
N.E. 145th St. Flyer Stop Stage I
King County
Illumination Plan
Sheet 51 of 68

KING COUNTY

T. 26 N. R. 4 E. W.M.

| | | |
|------------|-------|-------------------------|
| REGION NO. | STATE | FEDERAL AID PROJECT NO. |
| 10 | WASH. | I-5-3 (544) 174 |

79W093



RELOCATED FIRST AVENUE NORTHEAST

SW 1/4 NW 1/4 SEC 17

SW 1/4 NW 1/4 SEC 17

KING COUNTY

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06

N.E. 145TH ST. FLYER STOP - STAGE 1

KING COUNTY

ILLUMINATION PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY

SECRETARY



| | | |
|---------|------------------|----|
| 6-80-19 | Rev Illumination | RB |
| DATE | REVISION | BY |

CONTRACT NUMBER 1626 OFFERED May 25, 1975 SHEET 52 OF 68 SHEETS

N.E. 145th Flyer Stop Stage 1
King County
Illumination Plan
Sheet 52 of 68 Sheets

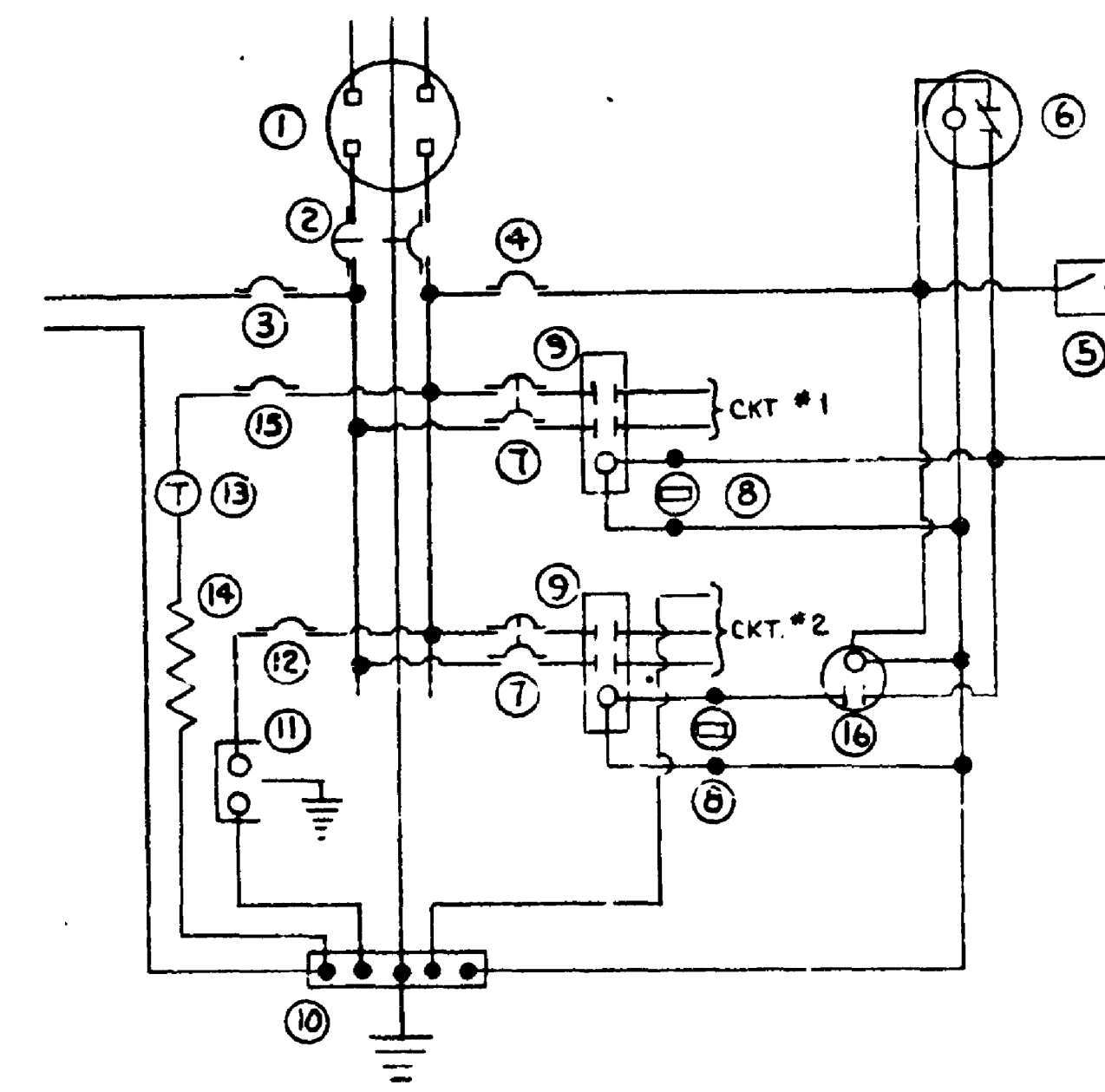
T. 26 N. R. 4 E. W.M.

NE 1/4 NW 1/4 SEC. 20

SE 1/4 SW 1/4 SEC. 17

CITY OF SEATTLE

WIRING SCHEMATIC SUA 2289



IDENTIFICATION LEGEND FOR SUA 2289

- 1 Meter Base.
- 2 Main Breaker (See Breaker Schedule)
- 3 Auxiliary Breaker (See Breaker Schedule)
- 4 Control Breaker (SP-15 AMP)
- 5 Test Switch (SPST-10 Amp -125 Volt -"T" Rated)
- 6 Photo Electric Control
- 7 Branch Breaker (See Breaker Schedule)
- 8 Elapsed Time Meter (Non-Resettable - 99,999 Hours)
- 9 Contactor (See Breaker Schedule)
- 10 Neutral Buss
- 11 Receptacle Grounded (20 AMP, GFI Duplex)
- 12 Receptacle Breaker (SP-20 Amp)
- 13 Thermostat (40°F. Nominal Closure, 125 V.)
- 14 Strip Heater (100 Watt-Nominal)
- 15 Heater Breaker (SP-15 Amp.)
- 16 Time Clock (See Special Provisions)

NOTES:

1. Dimensions shown for service cabinets on Standard Plans are minimum dimensions, and shall be increased where necessary to enclose required equipment.
2. The following equipment within the service enclosure shall be identified by an appropriate engraved phenolic name plate with the provision that branch circuit breaker and contactor name plate shall identify the respective circuit as shown in the breaker schedule: ②③④⑤⑦⑨⑫⑬⑮
3. For Legend, See Sheet S1.

FOR "AS CONSTRUCTED PLANS" ONLY

BREAKER SCHEDULE

| BREAKER | SIZE | CONTACTOR |
|-----------|-----------|-----------|
| MAIN | 50 A - DP | — |
| AUXILIARY | 30 A - SP | — |
| 1 | 30 A - D | 30 A |
| 2 | 30 A - S | 30 A |

| RUN NO. | CONDUIT SIZE | WIRE SIZE | CIRCUIT NO. |
|---------|--------------|-----------|------------------|
| 26 | 1 1/2" | 3 # 2 | Service SUA 2289 |
| 27 | 1 1/2" | 3 # 8 | 2 |
| 28 | 1 1/2" | 5 # 8 | 1, 2 |
| 29 | 1 1/4" | 2 # 8 | 1 |

NOTES

- * Distance From Face Of Curb To C of Pole.
- ** S - Standard Cobra Head D - Decorative.

Scale In Feet
50 100 150 200

| | | |
|---------|-----------------------|----|
| 6-20-79 | Rev Illumination Plan | RB |
| DATE | REVISION | BY |

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

ILLUMINATION PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAILEY

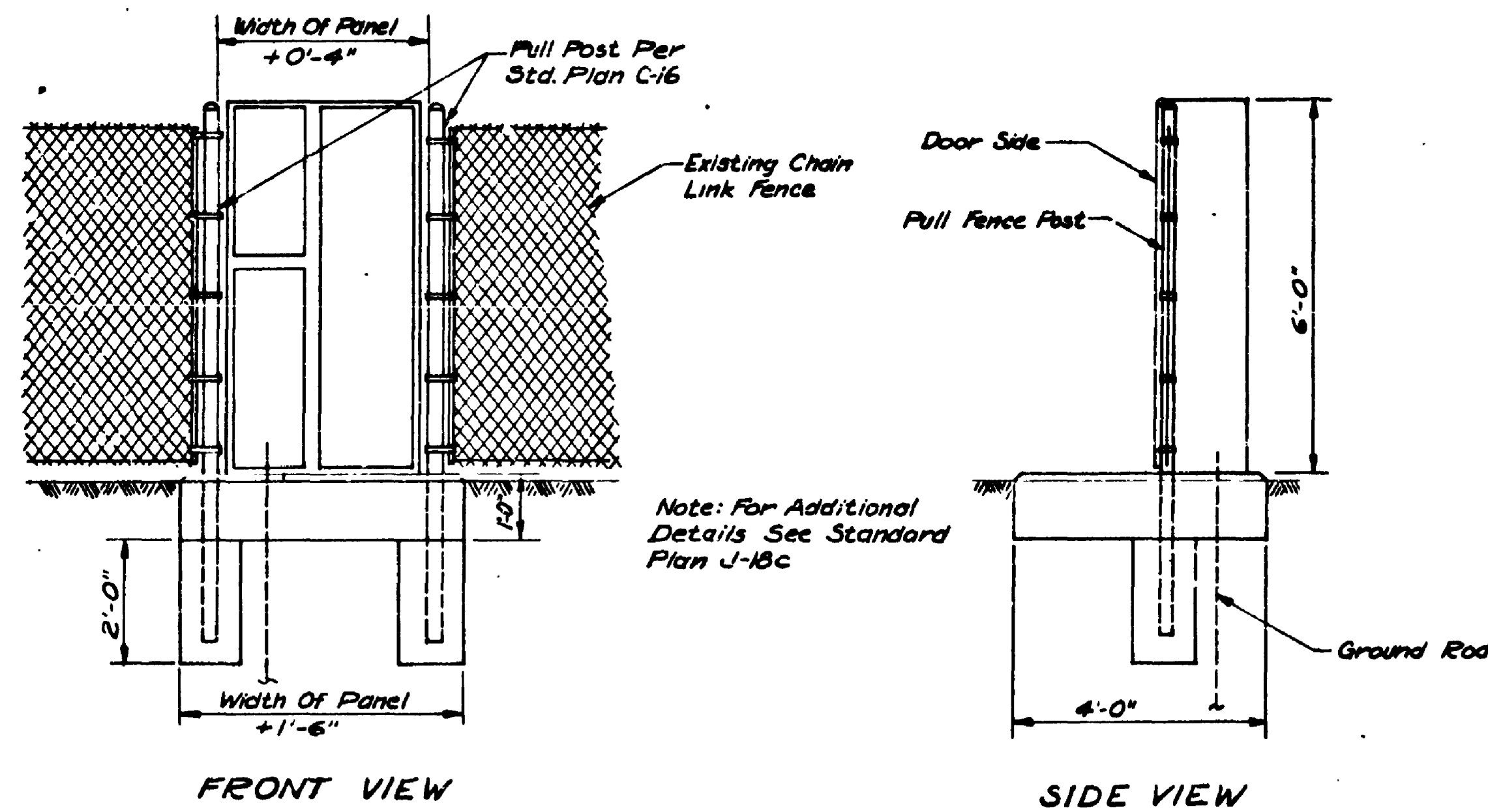


SECRETARY

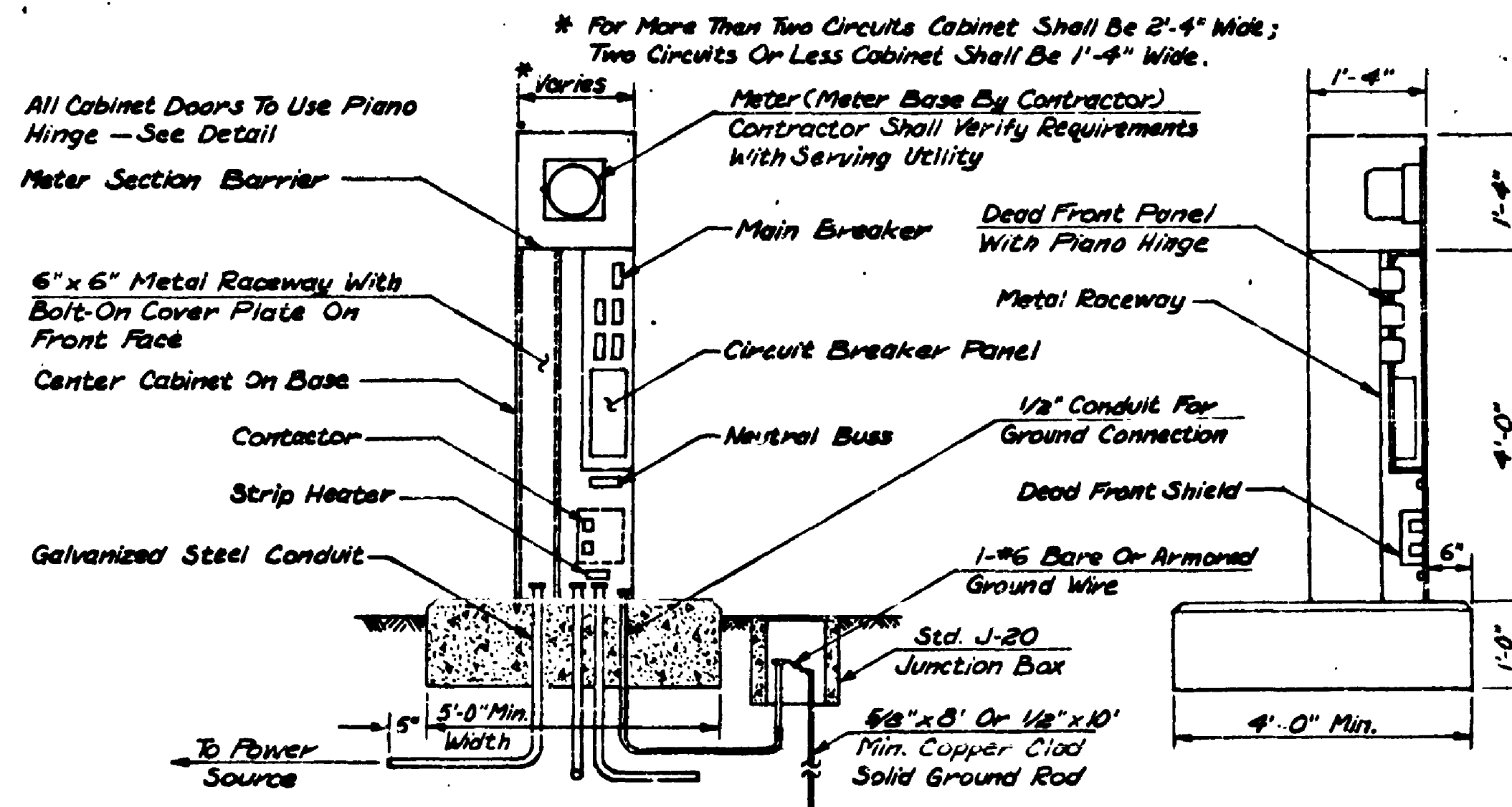
CONTRACT NUMBER 1.1.1
APPROVED May 25, 1979
SHEET 53 of 68 SHEETS

| LUMINAIRE SCHEDULE SUA 2289 | | | | | | | | |
|--------------------------------|--------------|------------|------|----------------|-----------|-----------------------|-----------------|----------------|
| Station | Luminaire No | Circuit No | Type | Wattage / Dist | Mount Arm | Dist From Survey Line | Mounting Height | Fixture Type** |
| Trail C 1+30 | M1 | 2 | 70 | II | 2' | 8' Lt | 20' | D |
| Trail C 2+10 | M2 | 2 | 70 | II | 2' | 8' Rt | 20' | D |
| Trail D 0+50 | M3 | 2 | 100 | II | 2' | 8' Rt | 20' | D |
| Trail D 1+80 | M4 | 2 | 100 | II | 2' | 8' Rt | 20' | D |
| Trail D 5+40 | M5 | 2 | 100 | II | 2' | 8' Rt | 20' | D |
| Trail D 5+40 | M6 | 2 | 100 | II | 2' | 8' Rt | 20' | D |
| Trail B 0+88.5 | M7 | 2 | 70 | II | 2' | 2' Lt | 20' | D |
| Trail B 3+40 | M8 | 2 | 100 | II | 2' | 6' Rt | 30' | D |
| 145th 4+31.5 Rt | M9 | 1 | 200 | III | 2' | 7.5' Lt | 30' | S |
| 145th 4+31.5 Lt | M10 | 1 | 200 | III | 2' | 7.5' Lt | 30' | S |
| Trail A 2+95 | M11 | 2 | 70 | II | 2' | 8' Rt | 20' | D |
| Trail A 5+05 | M12 | 2 | 70 | II | 2' | 2' Lt | 20' | D |
| EXISTING SUA 1124 | | | | | | | | |
| S-145th 150+20 Lt | S1 | Signal | 200 | III | Existing | N.A. | 30' | S |
| 145th 0+58 Rt | S2 | Signal | 200 | III | Existing | N.A. | 30' | S |
| EXISTING CITY 120 VOLT SERVICE | | | | | | | | |
| 145th 1+36 Lt | C1 | Direct | 200 | III | Existing | N.A. | 30' | S |
| 145th 2+24 Rt | C2 | Direct | 200 | III | Existing | N.A. | 30' | S |
| 145th 3+16 Lt | C3 | Direct | 200 | III | Existing | N.A. | 30' | S |

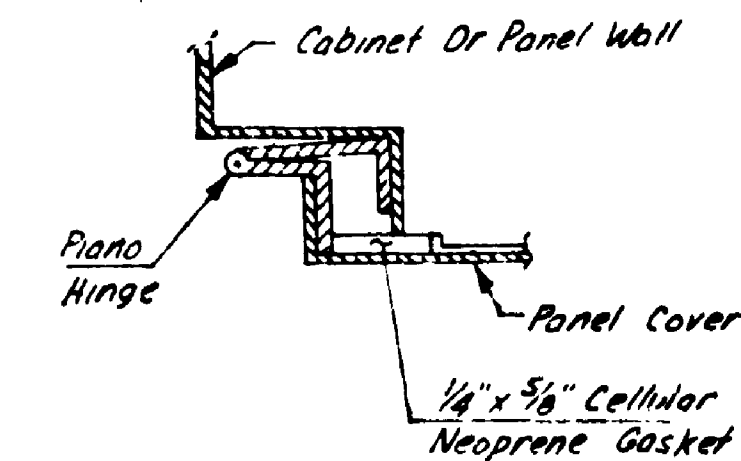
- NOTE:
- The Cabinet Will Be Vented Both Top (Below Meter Section) And Bottom.
 - Dimensions Shown Are Nominal And Shall Be Adjusted To Accomodate The Various Sizes Of Equipment Installed By The Contractor
 - The Following Equipment Within The Service Enclosure Shall Have An Appropriate Engraved Phenolic Name Plate With The Provision That Branch Circuit Breaker And Contactor Name Plates Shall Identify The Respective Circuit As Shown In The Breaker Schedule. (Items:
 - Metering Arrangements May Vary With Different Serving Utilities. The Contractor Shall Ascertain The Requirements From The Utility Prior To Installing The Service Equipment.
 - Cabinets Shall Be Fabricated Of 12 Gauge Sheet Steel And Painted In Accordance With Standard Specifications.
 - For Breaker Rating And Contactor Sizes See Sheet 50 & 53.



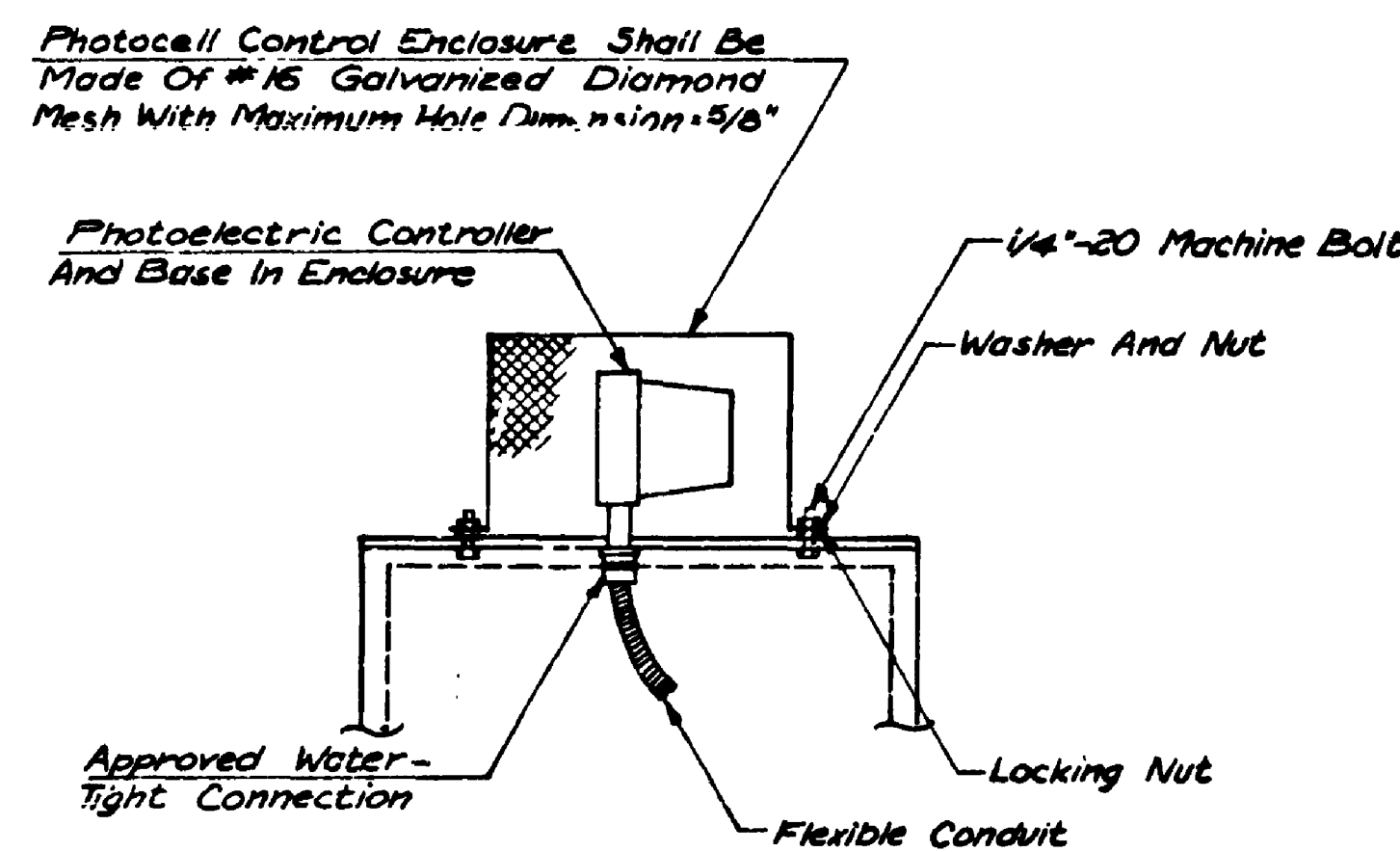
FRONT VIEW
SERVICE CABINET
INSTALLATION DETAIL



MODIFIED TYPE D SERVICE CABINET

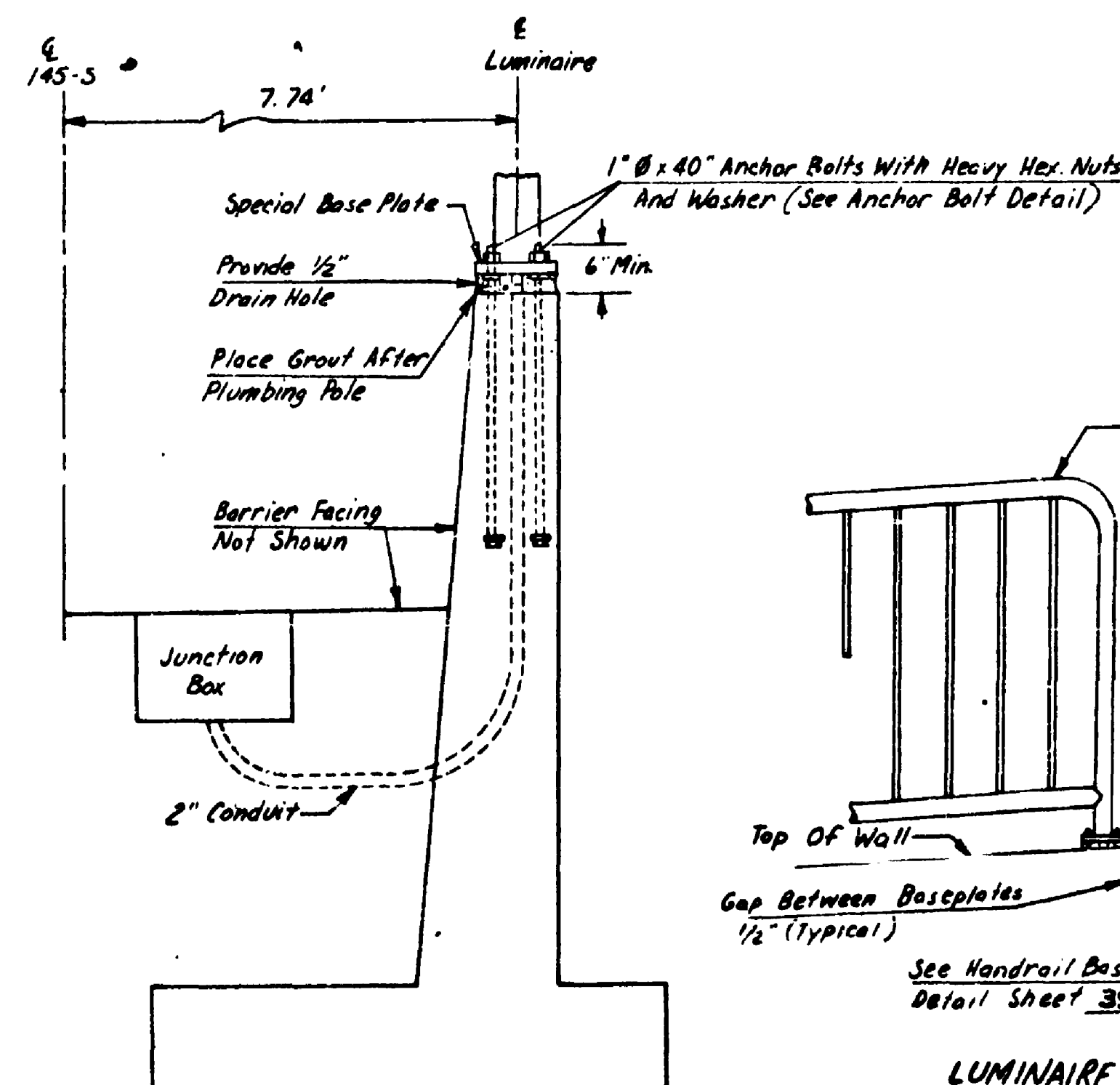


PIANO HINGE DETAIL



PHOTOELECTRIC CONTROLLER
INSTALLATION DETAIL

- Notes:
- The Photocell, When Installed, Shall Have A Minimum Of 2" Clearance To Any Portion Of The Enclosure.
 - The 5/8" Diamond Mesh Enclosure Shall Be Hot Dip Galvanized After Fabrication. It Shall Be Fastened To The Top Of The Cabinet With A Minimum Of Four 1/4"-20 Machine Bolts In Such A Manner That It Will Not Be Necessary To Open The Cabinet In Order To Remove The Enclosure.
 - All Electrical Connections Between The Photocell And The Service Panel Shall Be Made Through Watertight Hubs And Bushings.
 - Provisions Shall Be Made To Enable The Photocell To Be Rotated And Secured In It's Final Position After Installation.
 - Where The Photocell Is Mounted Over The Meter Compartment, The Flexible Conduit Shall Be Installed Through The Meter Compartment Into The Lower Portion Of The Cabinet.

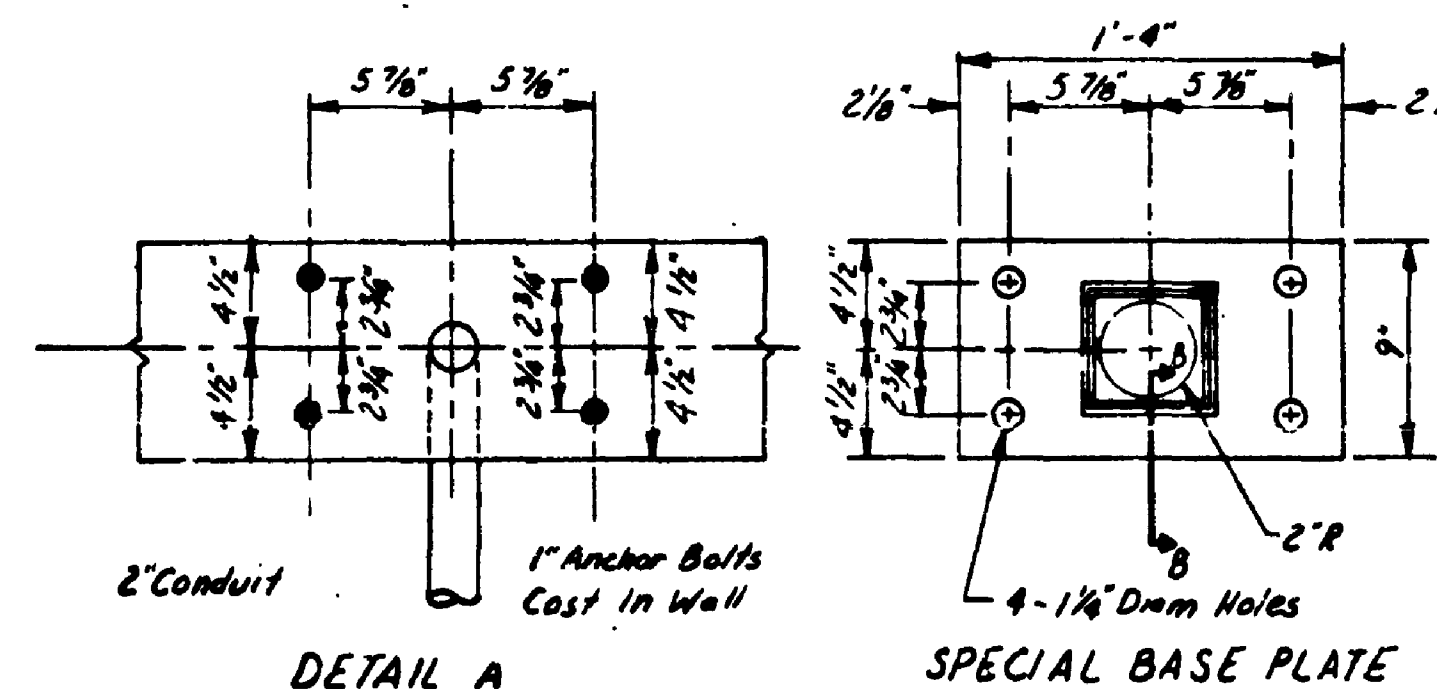


LUMINAIRE MOUNTING DETAIL

Section
Luminaires 108, 109, 110, 111

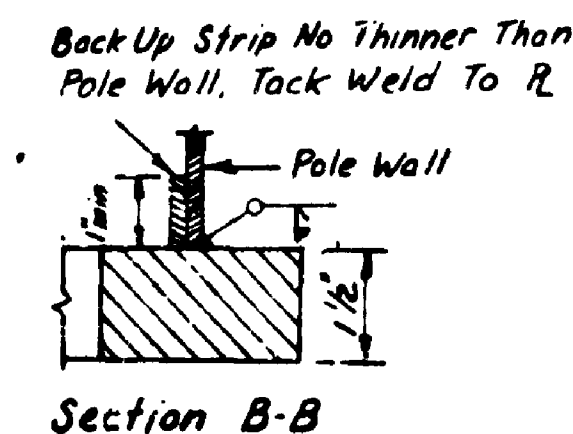
NOTES

- Anchor Bolts Shall Be Accurately Located And Secured In Place Prior To Pouring Concrete. If Deemed Necessary By The Engineer, A Template Shall Be Used To Locate The Anchor Bolts.
- Anchor Bolt Materials: Bolt - ASTM A325 Or A449; Nuts And Washers - ASTM A325.

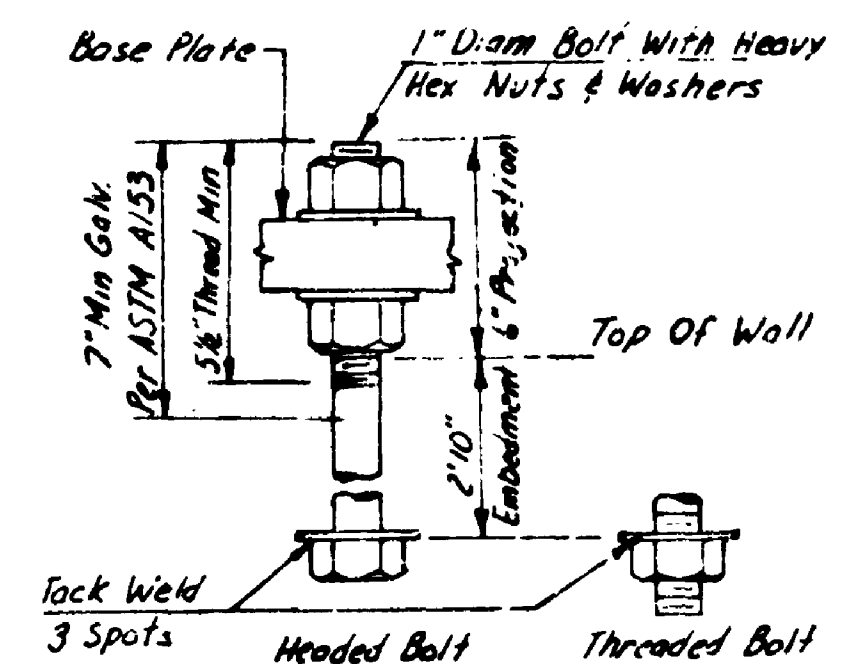


DETAIL A

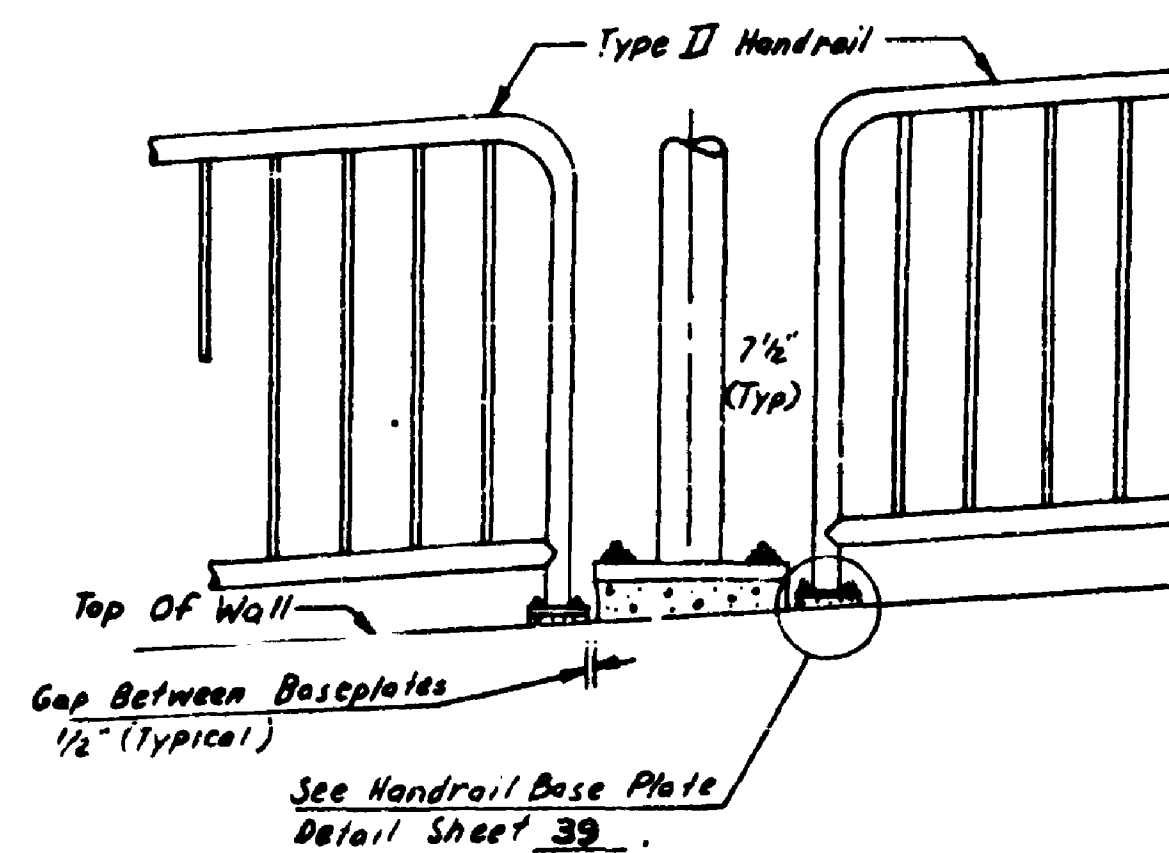
SPECIAL BASE PLATE



Section B-B

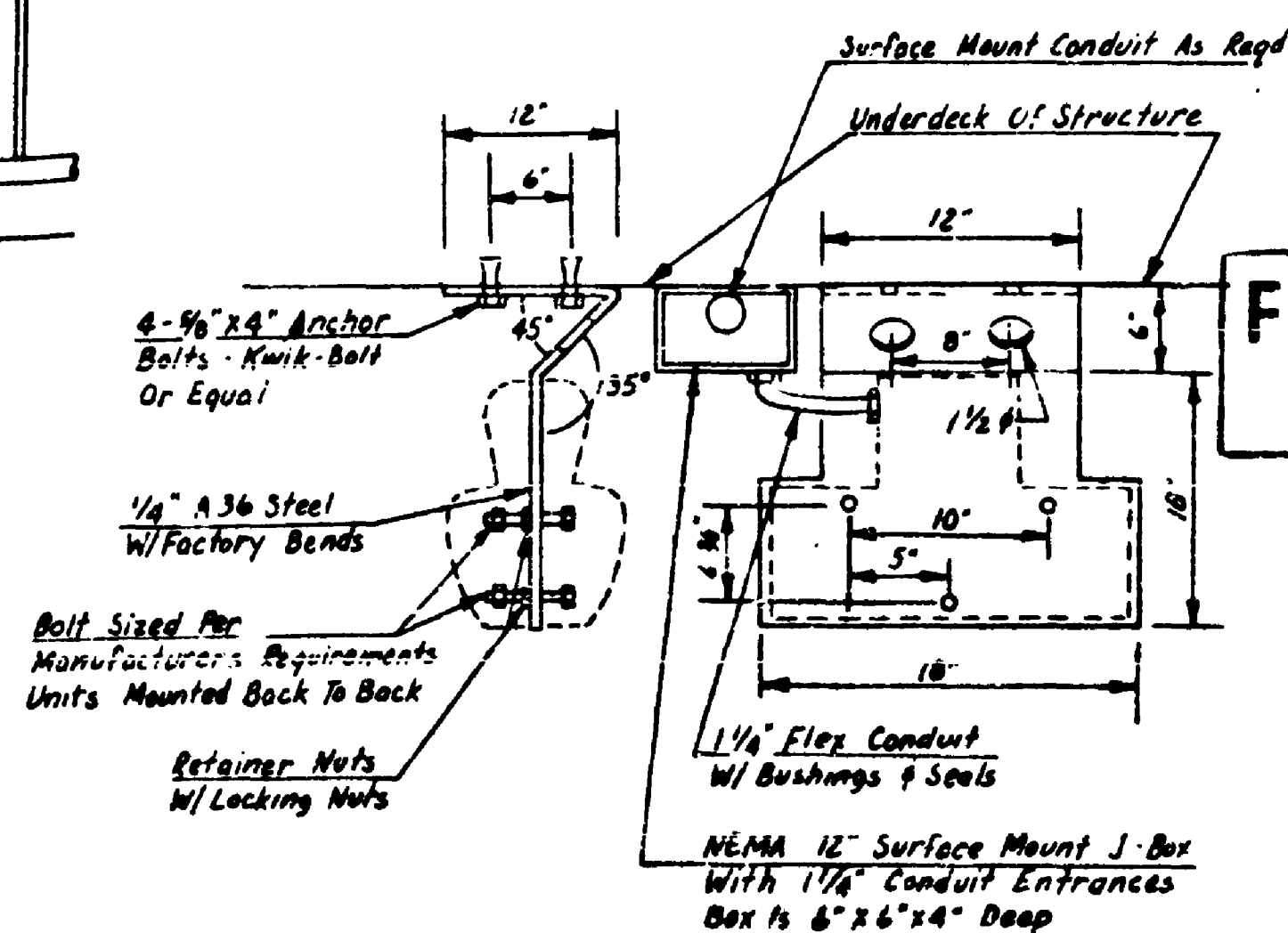


ANCHOR BOLT DETAIL



LUMINAIRE MOUNTING DETAIL
ELEVATION

Luminaires 108, 109



UNDERDECK BRACKET MOUNT

Other Mountings To Be Flush With Vertical Surface With 3/8" Kwik-Bolts Or Equal

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER S'OP - STAGE 1
KING COUNTY

ILLUMINATION DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLY

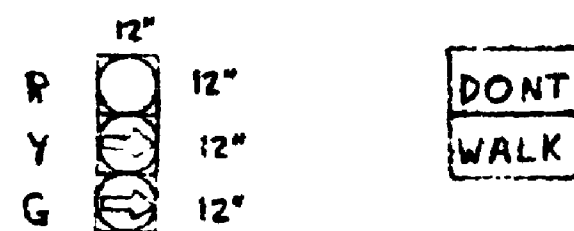
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APPROVED May 25, 1979
SHEET 54 of 68 SHEETS

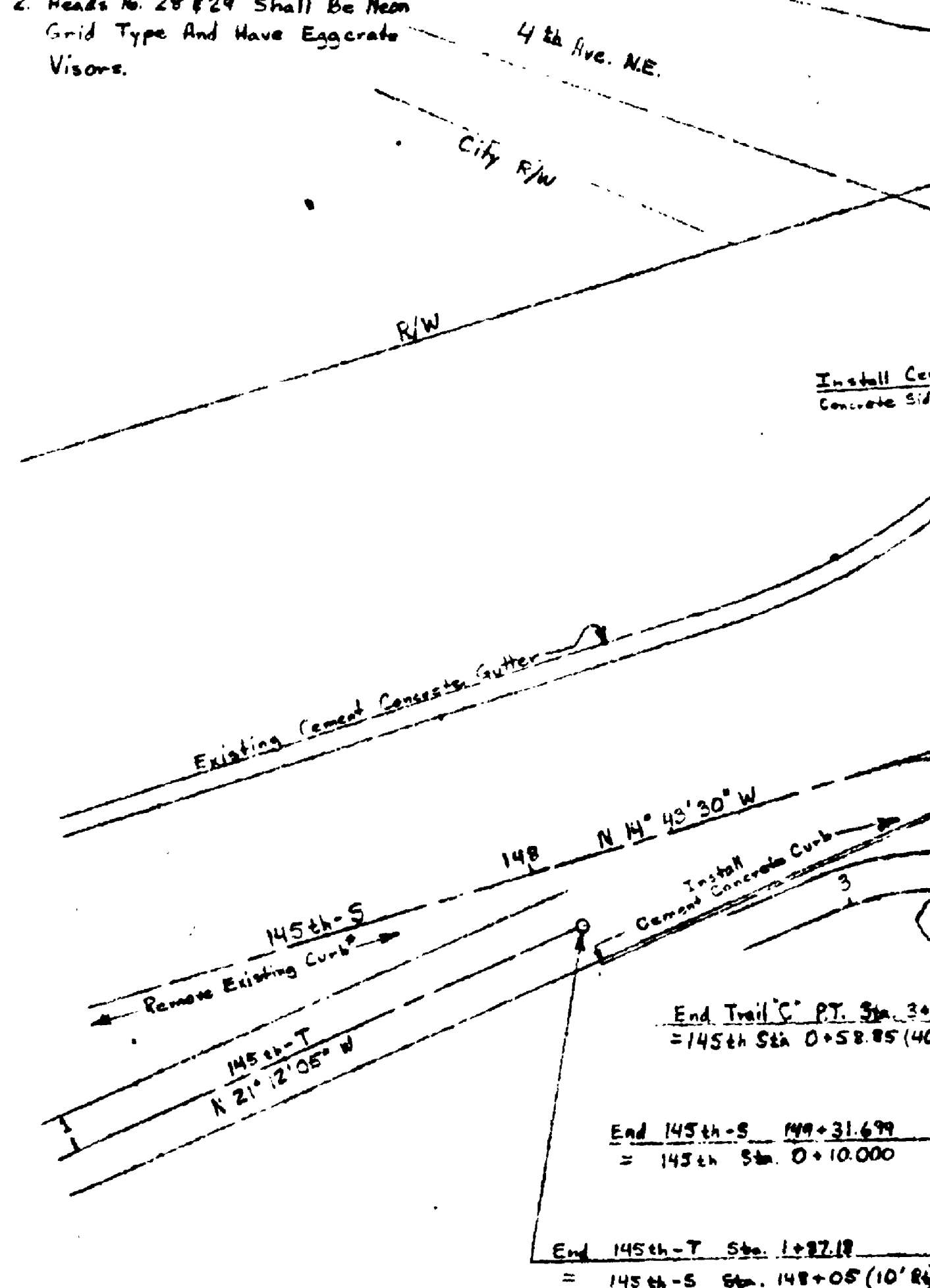
79W093

T. 26 N. R. 4 E. W.M.

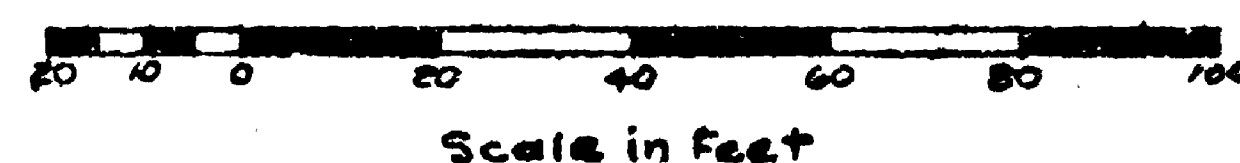


Head No. 41 Heads No. 28, 29

- Notes:
- Head No. 41 Shall Be Optically Programmable And Shall Have Cut-Through Visors. Programming Shall Be Done As Directed By The Engineer.
 - Heads No. 28 & 29 Shall Be Neon Grid Type And Have Eggcrate Visors.



* Existing Curb Removal Incidental To "Roadway Excavation Including Haul". See Special Provisions.



CONSTRUCTION NOTES

- Install Pedestrian Signal Pole Type 1 at 145th Sta 8+07.43 (Rt).
- Install One Vehicle Signal Head Using Mounting Type G And One Pedestrian Signal Head Using Mounting Type B. Install Pedestrian Push Button, See Detail.
- Install One Pedestrian Signal Head Using Mounting Type B And Install One Pedestrian Push Button (See Detail) On Existing Signal Strain Pole.
- Install 6"x6" Induction Loop. Wind Each Loop 4 Turns. Splice To Reparable lead-in Cables in Junction Box.
- Install Curb Ramp per Std. Plan F-3.1.
- Install Painted Crosswalk.
- Replace Existing Junction Box With New Type C Junction Box.
- Run conduit up side of controller box and into bottom of cabinet through access elbow conduit. Coordinate work with State Signal Technicians, who will do all wiring in the controller cabinet. Provide Four Digital Loop Amplifiers For Installation By State Signal Technicians.
- Mount Conduit On Structure With Fasteners Spaced At A Maximum Interval Of 8 Ft.
- Mount On Structure 16"x12"x8" NEMA Type 12 Steel Junction Box With Hinged Cover.

| WIRE NOTES | | |
|------------|--------------|--------------------------|
| RUN NO. | CONDUIT SIZE | CONDUCTORS |
| 1 | Sawcut | 2-12 (One Twisted Pair) |
| 2 | Sawcut | 4-12 (Two Twisted Pairs) |
| 3 | 1 1/4" | 2-2c (Sh.) |
| 4 | 3" | 2-2c (Sh.) |
| 5 | 2" | 1-Bc, 1-2c (Sh.) |
| 6 | 3" | 1-Bc, 3-2c (Sh.) |
| 7 | 2" | 1-Bc, 5-2c (Sh.) |
| 8 | Existing 3" | 4-5c (ex. 2-Bc (ex.)) |

NOTE: For Run No. 2, 1 Conduit shall be installed Outside The Travelled Way. Conduit Will Not Be Required In The Travelled Way.

LEGEND

- Junction Box, NEMA Type 12 Steel
- Junction Box Type A or B
- Intermediate Junction Box
- Junction Box Type C
- ⊞ Controller Cabinet-Existing
- Signal Pole
- ⬆ Vehicle Signal Head w/ Arrow Indication
- ⬆ Pedestrian Signal Head
- Conduit
- - - Existing Conduit

FOR "AS CONSTRUCTED PLANS" ONLY

| DATE | REVISION |
|------|----------|
| | |

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

SIGNAL PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

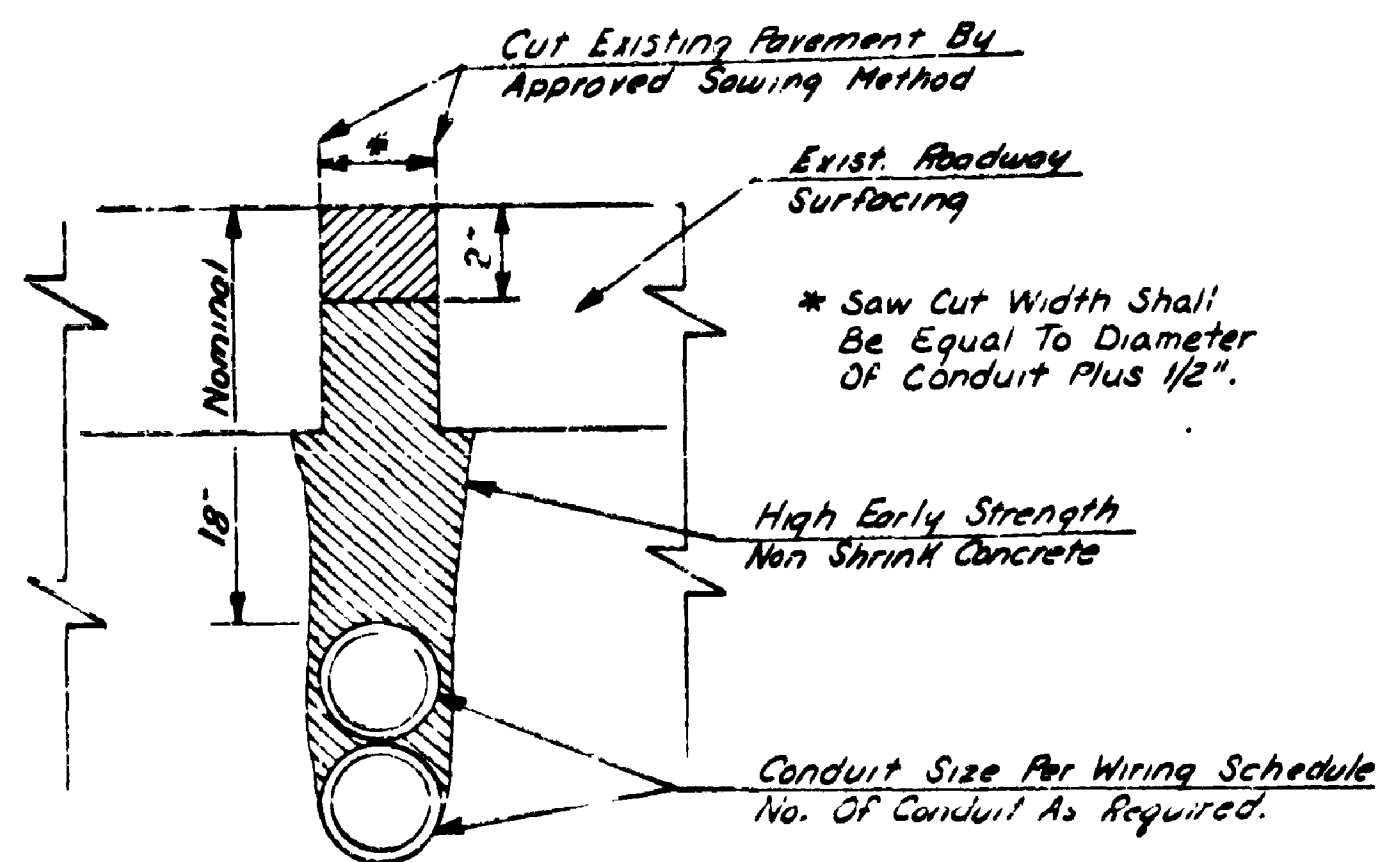
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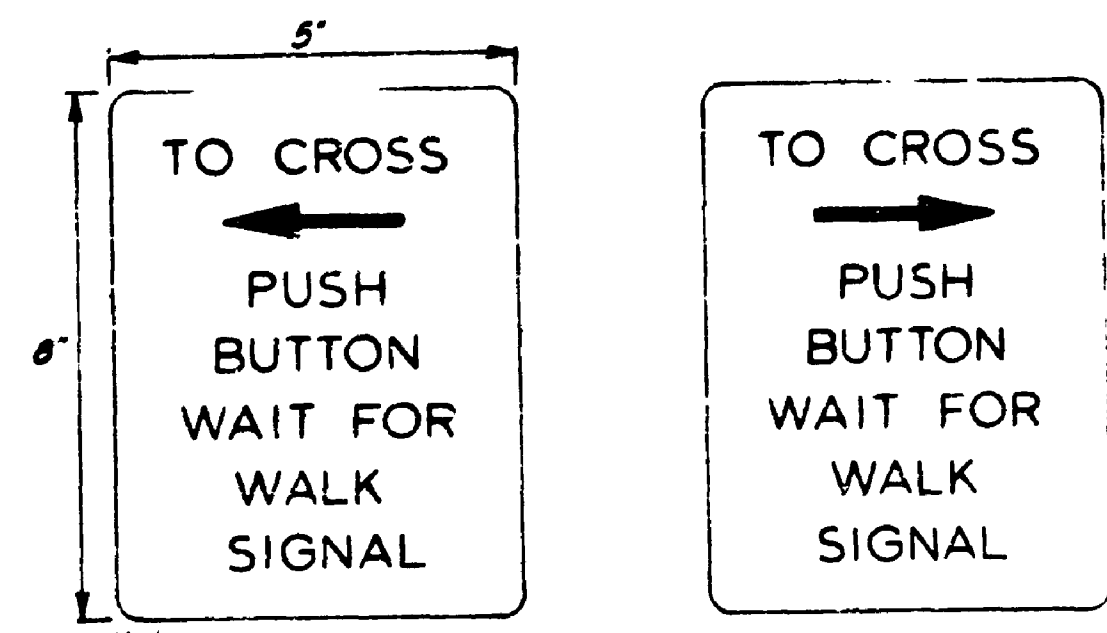


CONTRACT NUMBER

APPROVED May 25, 1974
SHEET 55 OF 63 SHEETS

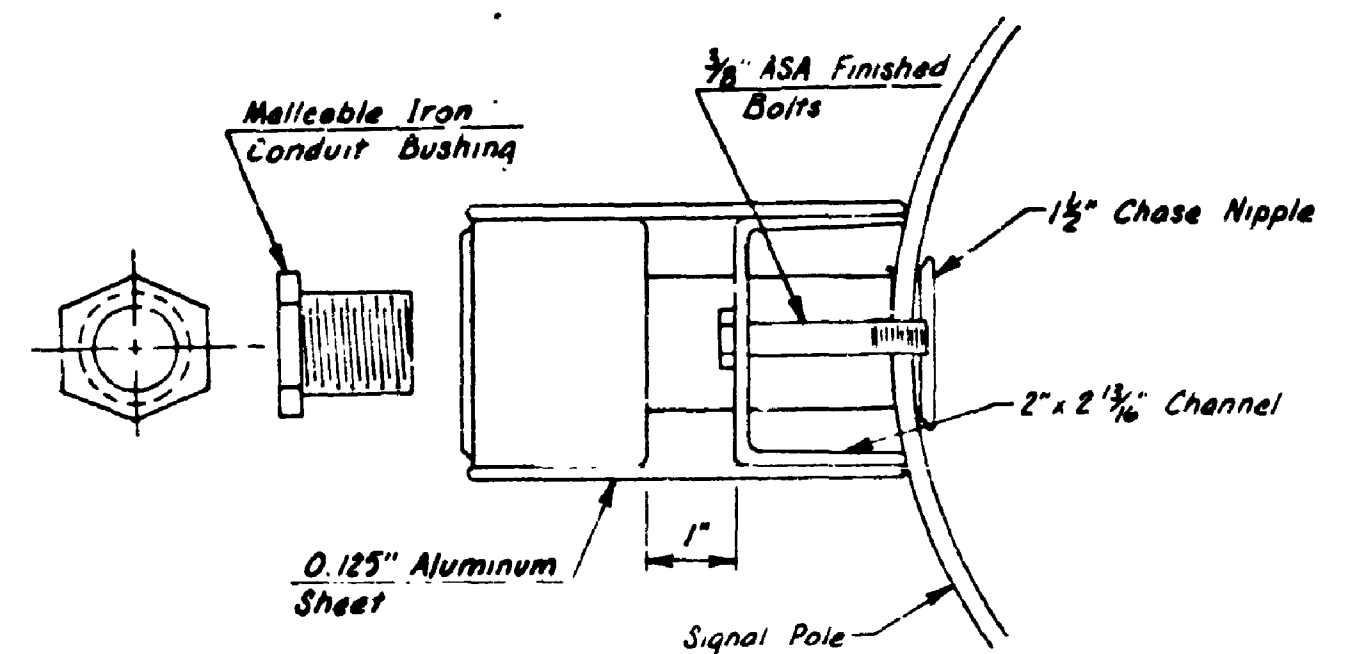


ELECTRICAL CONDUIT INSTALLATION
UNDER EXISTING PAVEMENT

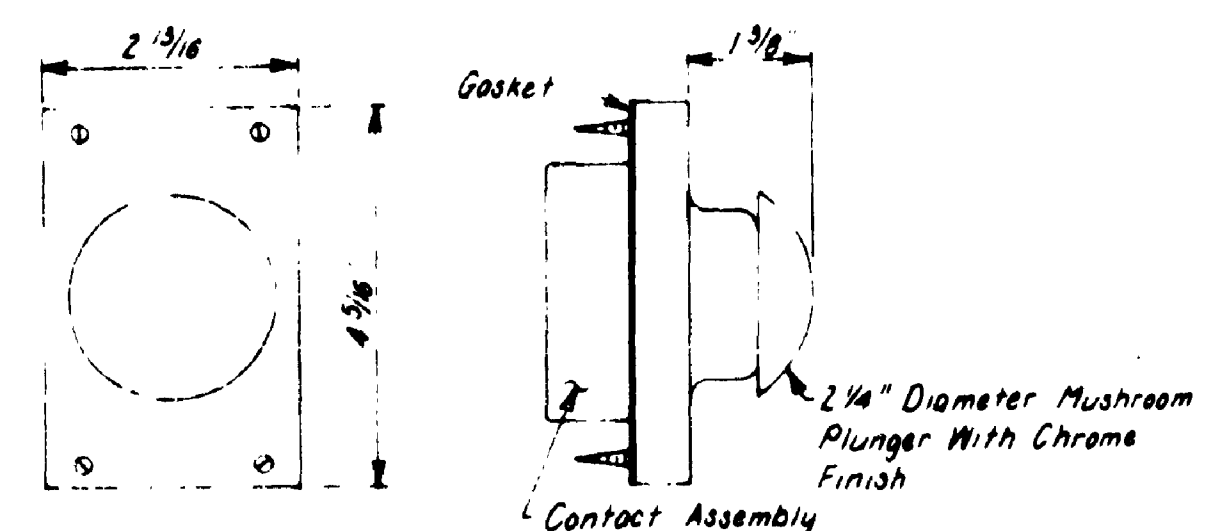


Notes:
1. Black Enameled Letters (1/8" Series D) On White Enameled Background On Metal Base
2. Attach Sign To Back Plate With 4 1/4"x20 Stainless Steel Socket Head Cap Screws

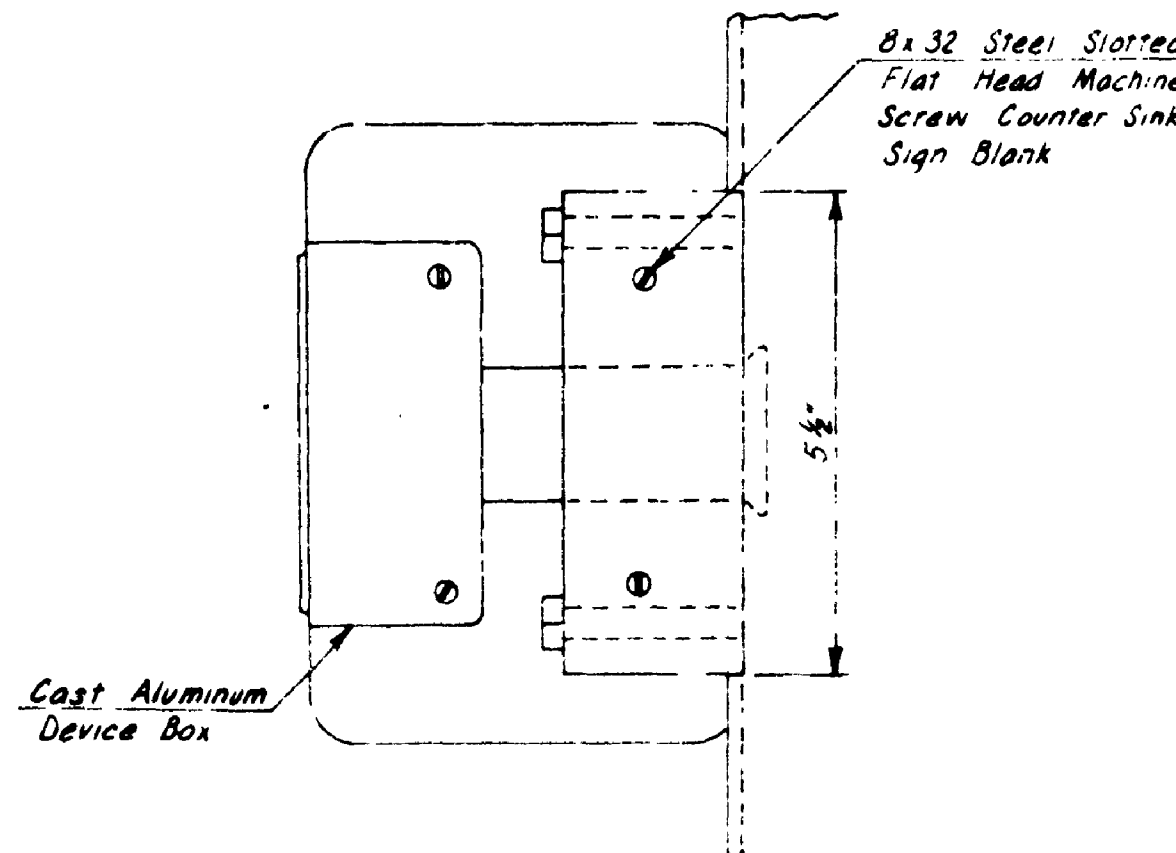
PEDESTRIAN PUSH BUTTON SIGNS



TOP VIEW

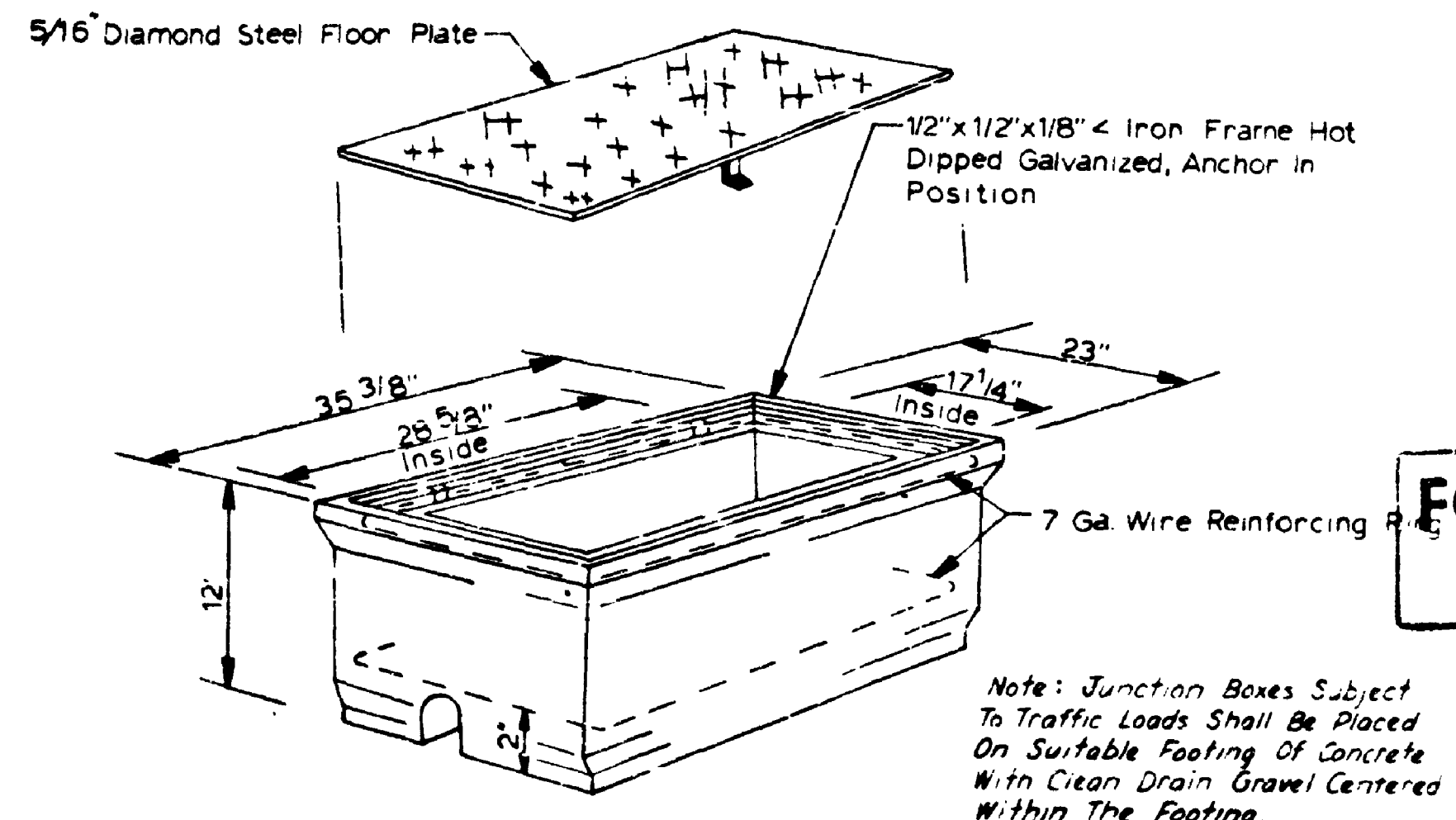


FRONT PLATE
PEDESTRIAN PUSH BUTTON



SIDE VIEW
With Near Side Aluminum Sheet
Removed For Clarity

PEDESTRIAN PUSH BUTTON



INTERMEDIATE JUNCTION BOX DETAIL

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

MISCELLANEOUS SIGNAL DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA WASHINGTON

W. A. BULLEY



SECRET

| | | |
|---------|-------------------------------|----|
| 6-20-73 | New Sheet And Rev. Sheet Nos. | RB |
| DATE | REVISION | BY |

CONTRACT NUMBER

APPROVED Nov. 26 1973
SHEET 56 of 68

T. 26 N. R. 4 E. W.M.

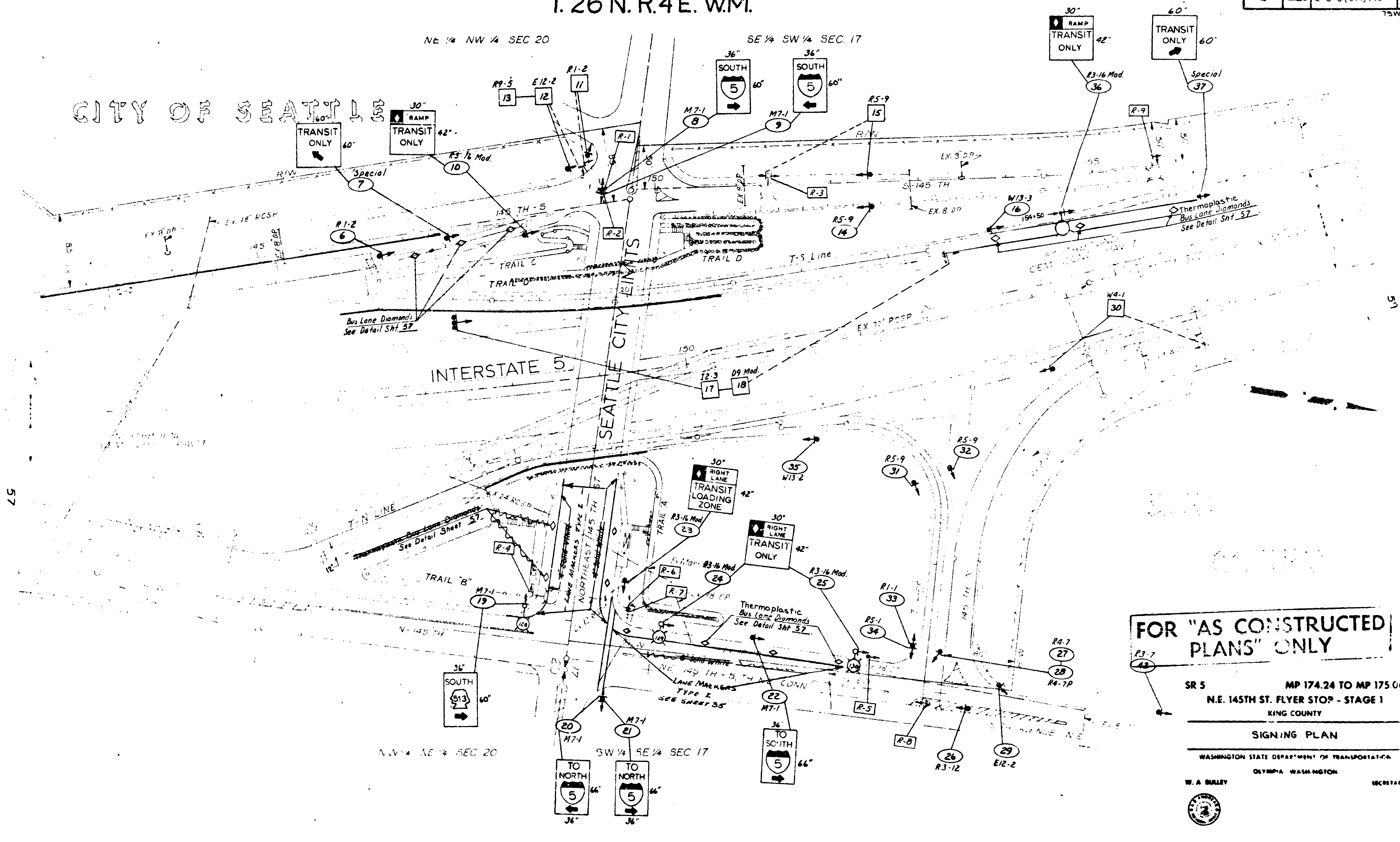
| SECTION NO. | STATE | FEDERAL AID PROJECT NO. | SHEET NO. |
|-------------|-------|-------------------------|-----------|
| 18 | WASH. | I-5-3 (544) 174 | 58 of 68 |

75W053

CITY OF SEATTLE

NE 1/4 NW 1/4 SEC 20

SE 1/4 SW 1/4 SEC 17



FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

SIGNING PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W.A. BAILEY

SECRETARY



Scale In Feet
50 30 10 0
50 10 0
15 200

| | |
|---------|---|
| 6-20-75 | Rev Signing T-5 Line Sheet Nos. Bus Lane Diamonds R-5 |
| DATE | REVISION |

CONTRACT NUMBER

APPROVED May 25 1975
SHEET 58 of 68 SHEETS

1-1-75
To M.F.
W. 145th St. Flyer Stop
King County
Sheet 58 of 68 sheets

| REPORT NO. | DATE | PROJECT AND FIELD NO. | SHEET NO. |
|------------|------|-----------------------|-----------------|
| 10 | WASH | I-5-3 (544) 174 | 59 of 79W033 |



9510



DISCUSSION

May 29, 1979
59 00 / 0 00

| | | |
|---------|------------------------------------|----|
| 5-20-79 | Rev Sheet No. Deleted Sign. No. 39 | 17 |
| DATE | REVISION | 8 |

1 Eggs 2005 with 1 in
1 Egg 2005 with 1 in
1 Egg 2005 with 1 in

79W093

60 of 68

FOR "AS CONSTRUCTED
PLANS" ONLY

1 STATION LOCATIONS AND POST SIZES SHOWN ARE APPROXIMATE ONLY.

MP 174.24 TO MP 175.06

N.E. 145TH ST. FLYER STOP - STAGE 1

KING COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY

CONTRACT NUMBER

APPROVED May 25, 1979
60 OF 68

60

SIGN SPECIFICATIONS

G-13 ROADSIDE SIGN STRUCTURES

| REGION NO. | STATE | FED. AID PROJECT NO. | SHEET NO. |
|------------|-------|----------------------|-----------|
| 10 | WASH. | I-5-3 (544) 174 | 61 of 68 |

79W093

| SIGN NO. | SIGN CODE NUMBER | LOCATION (STATION NO.) | SIGN SIZE | | LETTER SIZE OR CODE | POST MATERIAL | POST SIZE | POST LENGTH | | | | CLEARANCE | | REMARKS |
|----------|-----------------------|------------------------|-----------|-----|---------------------|---------------------------|-----------------|-------------|----|----|----|-----------|-----|---|
| | | | X | Y | | | | H1 | H2 | H3 | H4 | V | W | |
| 1 | R1-2 | Rel 145-S 138+90 Lt | 60" | 60" | Std | | | | | | | 6' | 16' | Install "Yield" sign on luminaire pole |
| 2 | W4-1 | T-S Line 11+70 Lt | 36" | 36" | Std | Wood | 4"x4" | 13' | | | | 6' | 12' | Install "Merge" sign on new post |
| 3 | W4-1 | BL 142+10 Lt | 48" | 48" | Std | Wood | 4"x4" | 18' | | | | 6' | 16' | Install "Merge" sign on new post |
| 4 | Spec. "Transit Only" | N. 145 138+05 Lt | 60" | 60" | 8" D | Wood | 4"x6" | 15' | | | | 6' | 12' | Install "Transit Only" sign on new post |
| 5 | R3-15 | N. 145 135+35 Rt | 48" | 84" | Std | Wood | 6"x6" | 15' | | | | 6' | 12' | Install "Restricted Lane" on new post |
| 6 | R1-2 | 145-T 17+25 Lt | 36" | 36" | Std | Wood | 4"x4" | 13' | | | | 7' | 6' | Install "Yield" |
| 7 | Spec. "Transit Only" | 145-T 18+05 Lt | 60" | 60" | 8" D | Wood | 4"x6" | 15' | | | | 6' | 7' | Install "Transit Only" sign on new post |
| 8 | N7-1 (Interstate) (K) | 145-S ramp island | 36" | 66" | Std | Wood | 6"x6" | 16' | | | | 7' | | Install on traffic island (I-5 south) |
| 9 | N7-1 (Interstate) Lt | 145-S ramp island | 36" | 60" | Std | Same | post as Sign #8 | | | | | 7' | | Install I-5 south Trailblazer |
| 10 | R3-16 modified | 145-T 18+90 Rt | 30" | 42" | 3"-D/5"-C | Wood | 4"x4" | 13' | | | | | 5' | Install spec. transit only sign |
| 11 | R1-2 | 145-S 148+90 Lt | Existing | | | Wood | 4"x4" | | | | | | 7' | Relocate "Yield" from luminaire to new post |
| 12 | E12-2 | 145-S 148+70 Lt | Existing | | | Wood | 4"x4" | 13' | | | | 8' | 7' | Relocate "Trwy Exit" to new post |
| 13 | R9-5 | 145-S 148+70 Lt | Existing | | | Mount below sign | #12 | | | | | 5' | | Relocate hitchhiking sign to new luminaire |
| 14 | 15-9 | S. 145th 152+45 Rt | 36" | 24" | Std | Wood | 4"x4" | 12' | | | | | 8' | Install "Wrong-Way" |
| 15 | 15-9 | S. 145th 152+45 Lt | Existing | | | Wood | 4"x4" | 12' | | | | 5' | 8' | Relocate "Wrong Way" to new post |
| 16 | W13-3 | T-S 24+20 Lt | 48" | 60" | Std | Wood | 4"x6" | 15' | | | | 6' | 9' | Install "Ramp 30 mph" |
| 17 | 12-3 | BL 147+40 Lt | Existing | | | Use existing post | | | | | | | | Relocate "Entering Seattle" |
| 18 | D9-mod | BL 147+40 Lt | Existing | | | Use existing post | | | | | | 5' | | Relocate "Gas, Food, Lodging" |
| 19 | 17-1 | N.E. 145 4+90 Rt | 36" | 60" | Std | Mount on luminaire pole | | | | | | 8' | | Install SR 513 South Trailblazer |
| 20 | N7-1 (Interstate) Lt | NE 145th 5+80 Lt | 36" | 66" | Std | Wood | 4"x6" | 15' | | | | 8' | 8' | Install "To I-5 North" Trailblazer |
| 21 | N7-1 (Interstate) Rt | NE 145th 5+80 Lt | 36" | 66" | Std | Same post as Sign #20 | | | | | | | | Install "To I-5 North" Trailblazer |
| 22 | N7-1 (Interstate) Rt | 5th Ave 151+10 Lt | 36" | 66" | Std | Wood | 4"x6" | 20' | | | | 8' | 8' | Install I-5 South Trailblazer |
| 23 | R3-16 Mod | NE 145th 4+40 Lt | 30" | 42" | 3"-D/5"-C | Wood | 4"x6" | 20' | | | | 10' | 10' | Install "Special Transit" sign |
| 24 | R3-16 mod | 5th Ave 150+40 Lt | 30" | 42" | 3"-D/5"-C | Install on luminaire pole | | | | | | 7' | | Install "Special Transit" sign |

NOTES: POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15
FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE 'SIGN FABRICATION MANUAL'.

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1

KING COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY



CONTRACT NUMBER

APPROVED May 25, 1979
SHEET 61 OF 68

| | | |
|---------|-------------------------------|------|
| 6-20-79 | Rev. Sheet Nos. & Sign No. 12 | R.B. |
| DATE | REVISION | BY |

REV. 1974

SR 5
NE 145th Flyer Stop Stage 1
King County
Sign Specifications
Sheet 60 of 65 sheets

SIGN SPECIFICATIONS
G-13 ROADSIDE SIGN STRUCTURES

| REGION NO. | STATE | FED. AID PROJECT NO. | SHEET NO. |
|------------|-------|----------------------|-----------|
| 10 | WASH. | I-5-3 (544) 174 | 62 of 68 |

79W093

| SIGN NO. | SIGN CODE NUMBER | LOCATION (STATION NO.) | SIGN SIZE | | LETTER SIZE OR CODE | POST MATERIAL | POST SIZE | POST LENGTH | | | | CLEARANCE | | REMARKS |
|----------|------------------|------------------------|-----------|-----|---------------------|-------------------------|--|-------------|----|----|----|-----------|----|---|
| | | | X | Y | | | | H1 | H2 | H3 | H4 | V | W | |
| 25 | R3-16 mod | 5th conn 152+10 Lt | 30" | 42" | 3"-D/5"-C | Wood | 4"x4" | 15' | | | | 7' | 8' | Install special transit sign |
| 26 | R3-12 | 5th Ave NE | 24" | 36" | Std | Wood | 4"x4" | 12' | | | | 6' | | Install "Left Turn Must Yield" o island |
| 27 | R4-7 | REL 145-N 0+65 Lt | 24" | 30" | Std | Wood | 4"x4" | 13' | | | | | | Install on traffic island median |
| 28 | R4-7p | REL 145-N 0+65 Lt | 24" | 18" | Std | Wood | Same post as Sign #27 | | | | | 5' | | Install "Keep Right" plaque below #27 |
| 29 | R12-2 | REL 145-N 0+35 Rt | 36" | 24" | Std | Wood | Existing post - mount below "Yield" sign | | | | | | | Install Frwy Entr on existing post |
| 30 | W1-1 | REL 145-N 5+95 Rt | Existing | | | Wood | 4"x4" | 13' | | | | 6' | 8' | Relocate from luminaire to new post |
| 31 | R5-9 | T-145 2+00 Rt | 36" | 24" | Std | Wood | 4"x4" | 11' | | | | 5' | 8' | Install "Wrong Way" |
| 32 | R5-9 | T-145 2+00 Lt | 36" | 24" | Std | Wood | 4"x4" | 11' | | | | 5' | 8' | Install "Wrong Way" |
| 33 | R1-1 | T-145 ramp 4+20 Rt | 30" | 30" | Std | Wood | 4"x4" | 13' | | | | 7' | 6' | Install Stop Sign |
| 34 | R5-1 | T-145 ramp 4+20 Rt | 36" | 36" | Std | Same post as Sign #34 | | | | | | 5' | | Install "Do Not Enter" on Back of #33 |
| 35 | W13-2 | T-145 ramp 0+40 Rt | 48" | 60" | Std | Wood | 4"x6" | 15' | | | | 7' | 6' | Install "Exit 20 mph" |
| 36 | R3-16 mod | I-5 154+50 Lt | 30" | 42" | 3"-D/5"-C | Mount On Luminaire Pole | | | | | | 5' | | Install Special "Transit Only" |
| 37 | Transit Special | I-5 156+08 Lt | 60" | 60" | 8" D | Wood | 6"x6" | 15' | | | | 5' | | Install special "Transit Only" |
| 38 | W13-2 | S-145 ramp | 48" | 60" | Std | Mount on luminaire pole | | | | | | | | Install "Exit 30 mph" |
| | | | | | | | | | | | | | | |
| 40 | D10-3 | I-5 170+50 Rt | Existing | | | | | | | | | 3' | | Relocate existing MP 175 |
| 41 | M1-1 | I-5 170+00 Rt | Existing | | | Mount on luminaire Pole | | | | | | 8' | | Relocate existing route marker |
| 42 | R3-7R | 5th Ave-60'N of ramp | 30" | 30" | Std | Wood | 4"x4" | 15' | | | | 8' | 7' | "Rt Lane Must Turn Rt" |
| 43 | R3-16 Mod | TN-12+50 Lt | 30" | 42" | 3"-D/5"-C | Wood | 4"x4" | 13' | | | | 7' | | Install spec. transit only sign |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |

NOTES: POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15
FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE 'SIGN FABRICATION MANUAL'.

FOR "AS CONSTRUCTED"
PLANS" ONLY

SR 5

MP 174.24 TO MP 175.06

N.E. 145TH ST. FLYER STOP - STAGE 1

KING COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLY

SECRETARY

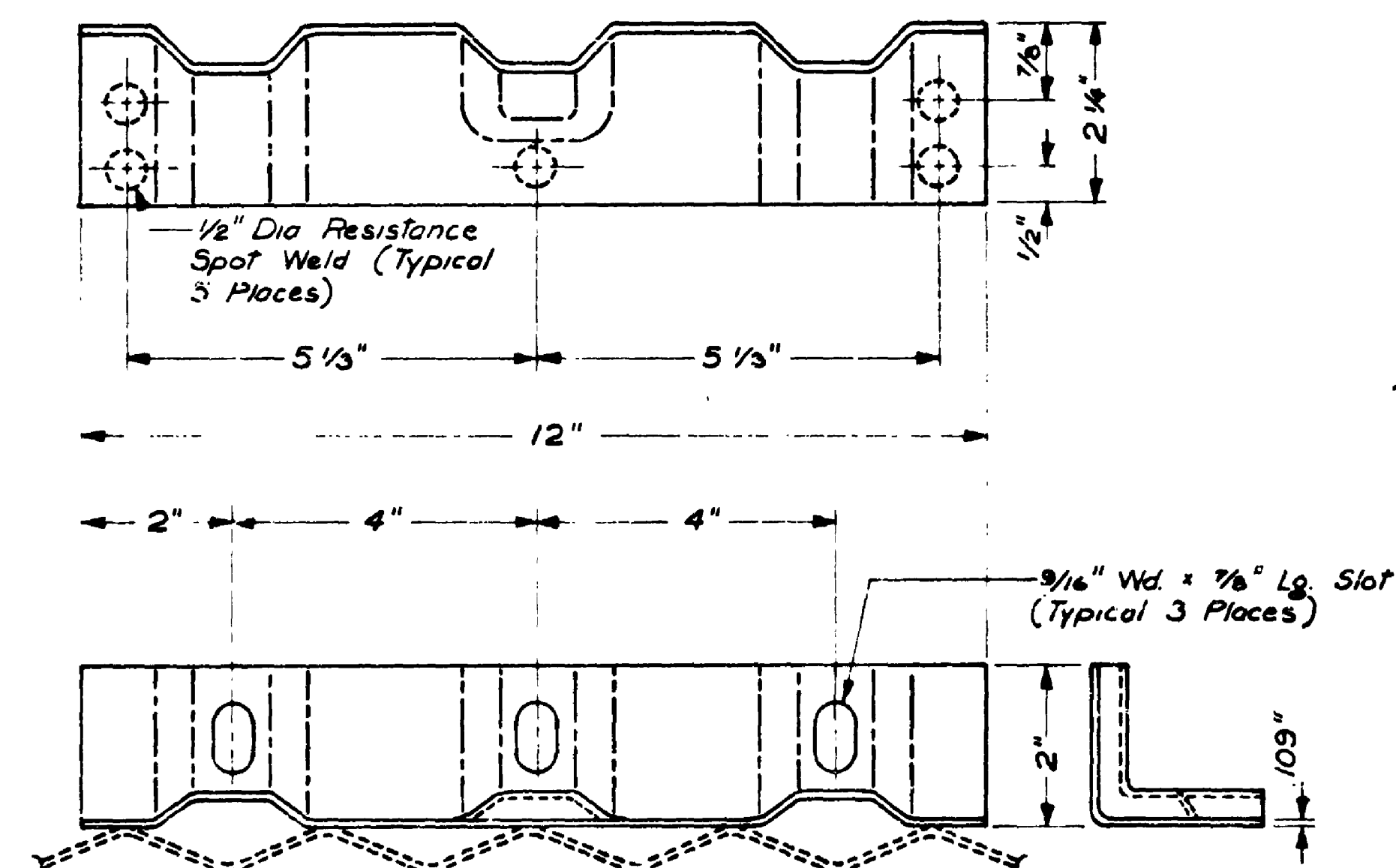
APPROVED May 25, 1979
62 68

CONTRACT NUMBER

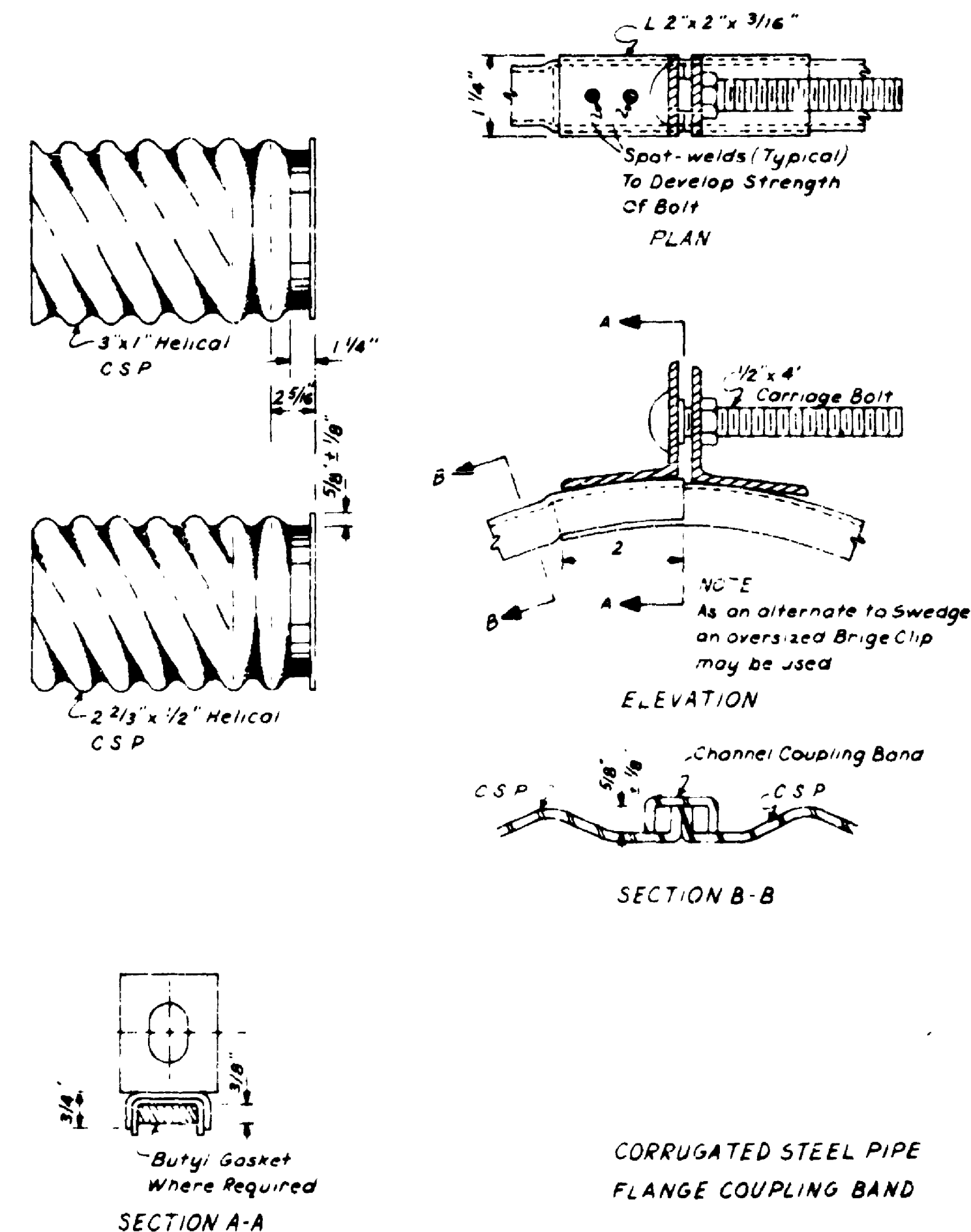
REV. 1974

| | | |
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| 6-20-79 | Rev. Sheet Nos. & Signs 36 & 37 | R.B. |
| DATE | REVISION | BY |

SR 5
NE 145th Flyer Stop Stage 1
King County
Sign Specifications
Sheet 61 of 65 Sheets



ALTERNATE BAND ANGLE FOR
TYPE D STEEL COUPLING BAND



FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

MISCELLANEOUS DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY SECRETARY



APPROVED May 25, 1979
SHEET 63 OF 68 SHEETS

| | | |
|---------|----------------|----|
| 6-20-79 | Rev. Sheet No. | RB |
| DATE | REVISION | BY |

CONTRACT NUMBER

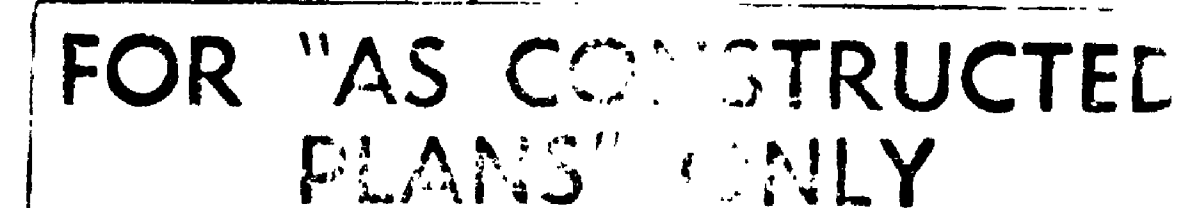
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MP 174.24 to MP 175.06
N.E. 145th St. Flyer Stop Stage 1
Miscellaneous Details
Sheet 63 of 68 Sheets

NOTES

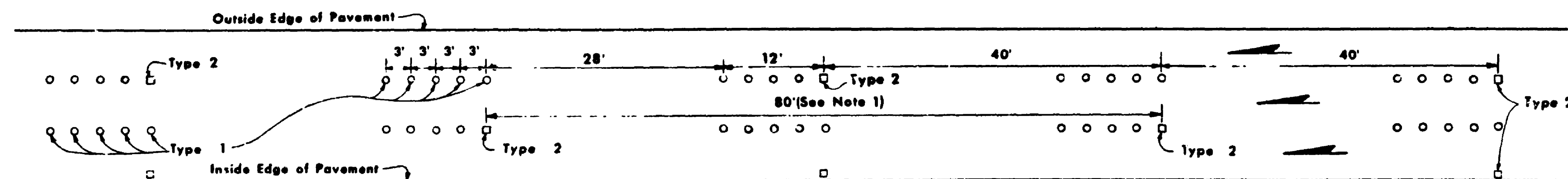
Rebar is required when recommended by manufacturer.



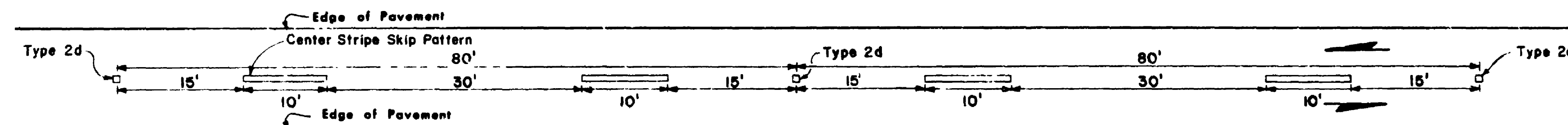
CONTRACT NUMBER / SECRET 64 OF 68 SHEETS

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| 6-20-19 | Rev Sheet Nos | RE |
| DATE | REVISION | BY |

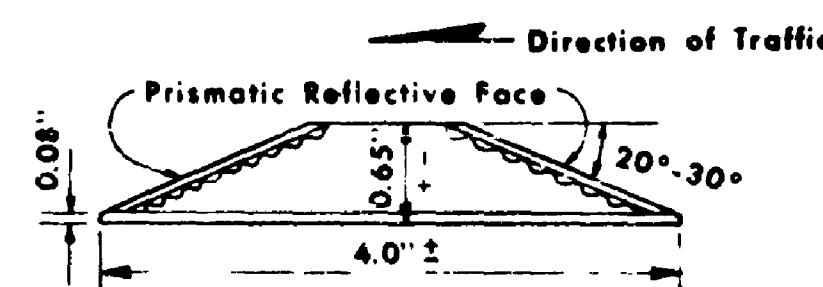
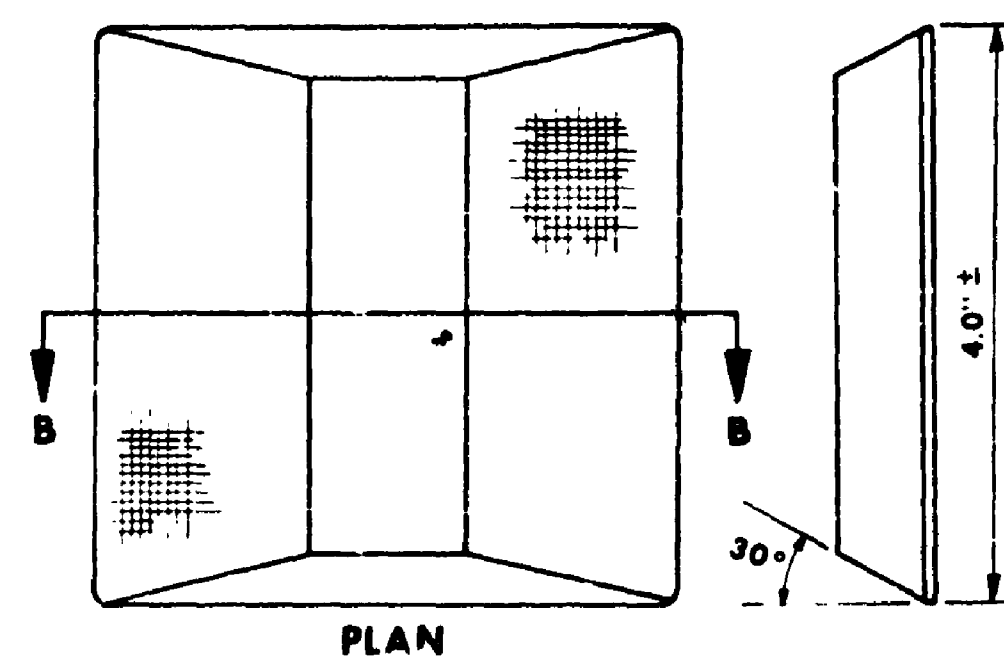
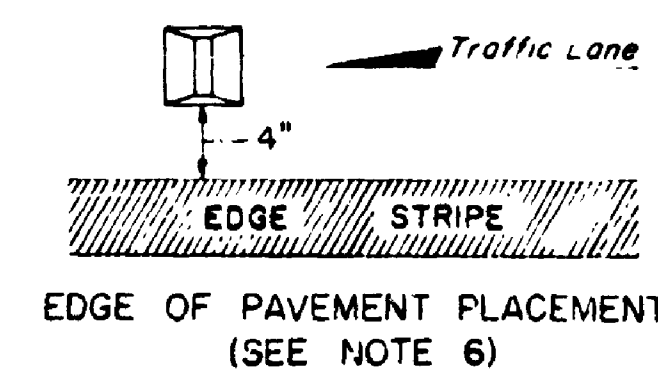
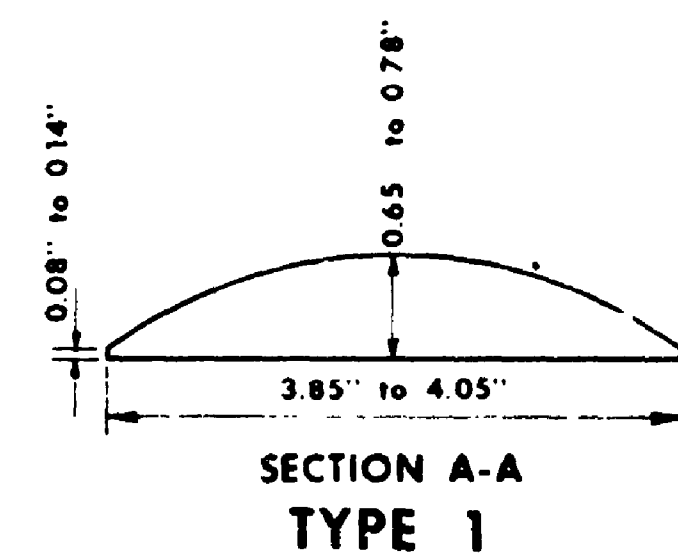
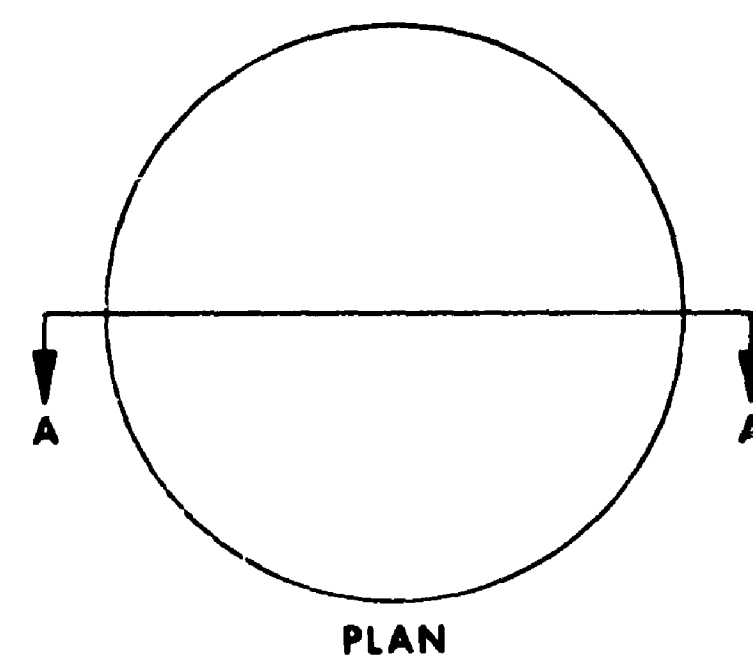
at 45th St Elyse Stop Street
Living County
occasional Drains :
59 20 20 20 20 20



SPACING FOR MULTILANE ONE WAY TRAFFIC



SPACING FOR TWO LANE TWO WAY TRAFFIC



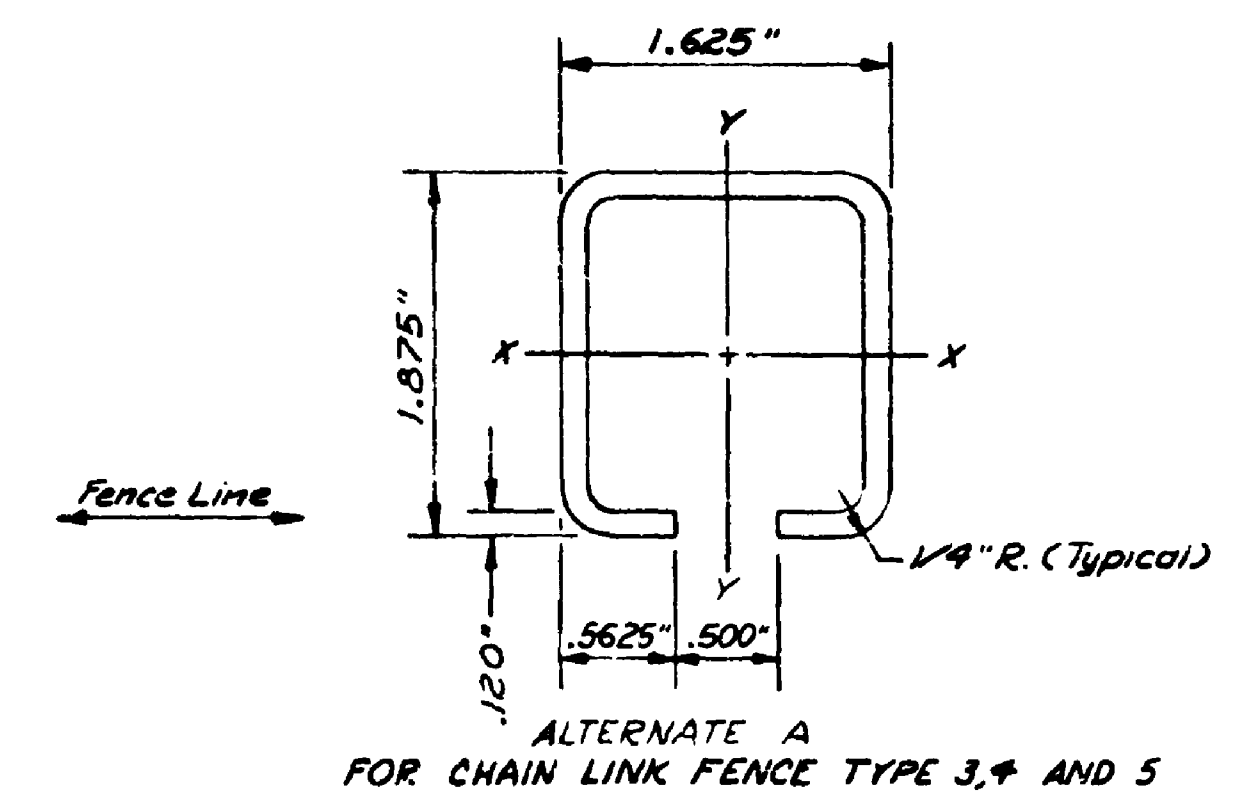
See Table

| PRISMATIC REFLECTIVE FACE COLORS | |
|----------------------------------|------------------------|
| Type 2a | white and red |
| Type 2c | yellow and red |
| Type 2d | yellow and yellow |
| Type 2e | white - one side only |
| Type 2f | yellow - one side only |

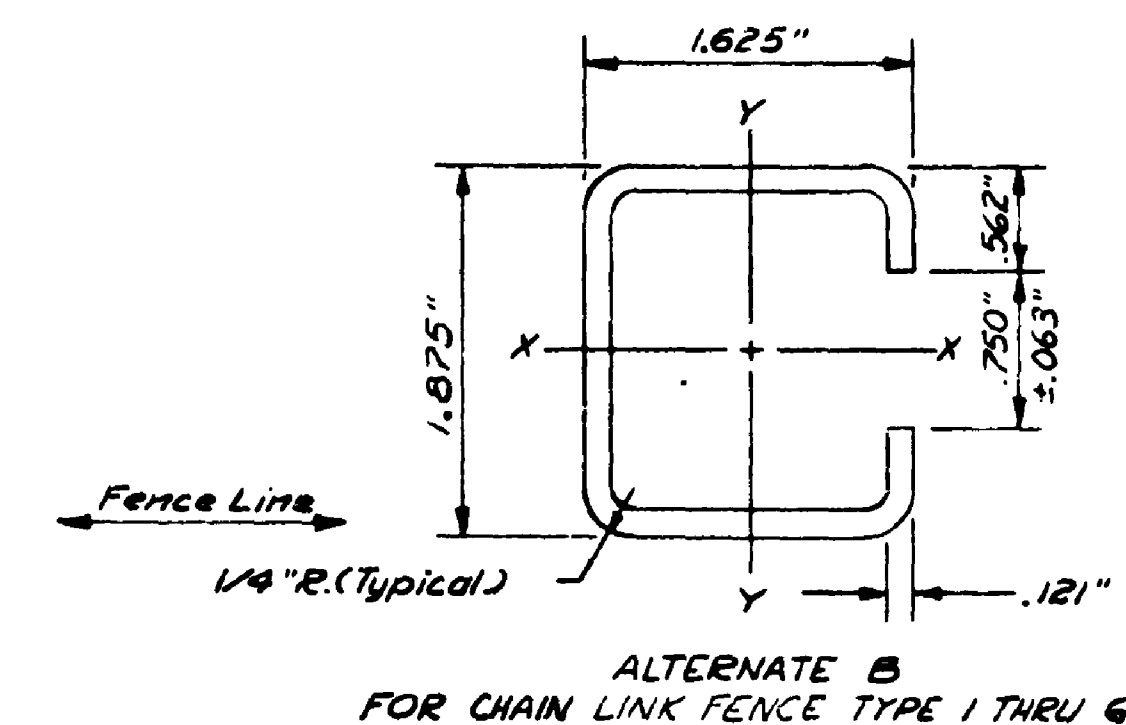
NOTES:

- For lane lines on multi-lane highways and center lines on two-lane highways, type 2 lane markers shall be spaced at 80-foot intervals on tangents and 40-foot intervals on horizontal curves having radii of less than 5,000 feet.
- On multi-lane highways, each line segment to be simulated by lane markers through the length of curves stipulated in (1) above consists of one type 2 lane marker and four type 1 lane markers.
- On two-lane highways with two-way traffic the normal spacing of type 2d, center-line lane markers, is 80-foot on center. The type 2d lane markers are to be centered between every other "skip" stripes.
- Types 2a and 2c lane markers are installed for the first 1,000 feet in advance of off-ramp exits on freeways or grade intersections on multi-lane highways.
- On freeway off-ramps, type 2c lane markers are installed as specified on the contract plans or by the engineer.
- On multi-lane highways, type 2c and 2f lane markers may be placed on the inside edge of pavement when specified. Spacing of these markers are as shown in note 1. (These markers are located on the traffic side and 4 inches from the edge stripe.)

LANE MARKERS



Weight Per Foot = 2.34 Lbs.



ROLL FORMED LINE POST
FOR CHAIN LINK FENCE

FOR "AS CONSTRUCTED
PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

MISCELLANEOUS DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY

SECRETARY



CONTRACT NUMBER

APPROVED May 25, 1978
SHEET 65 OF 68 SHEETS

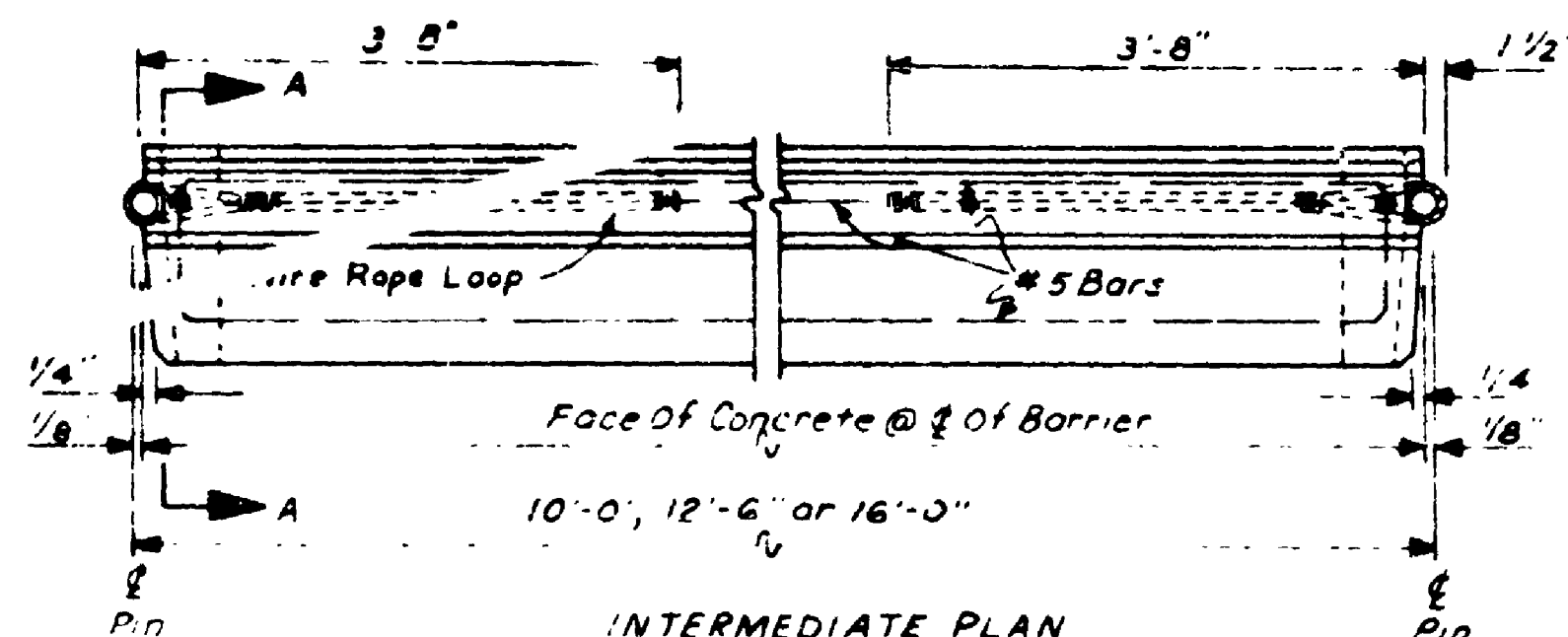
6-20-79 DATE
Rev. Sheet Nos.
REVISION BY

SR 5
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY
Miscellaneous Details
Sheet 64 of 65 Sheets

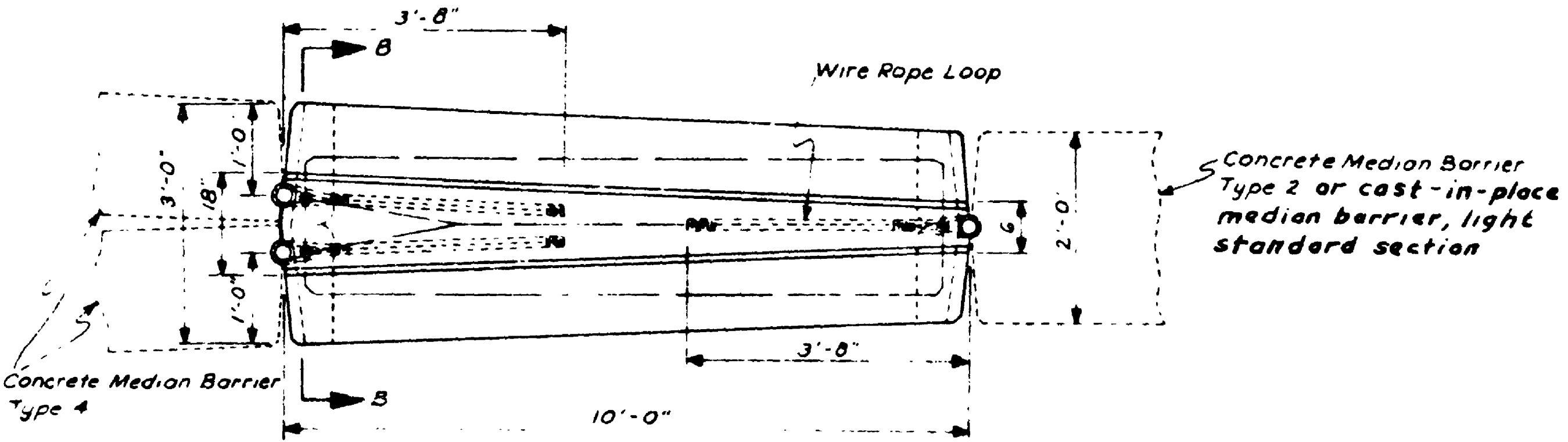
| REGION NO. | STATE | FEDERAL AID PROJECT NO. | SHEET NO. |
|------------|-------|-------------------------|-----------|
| 10 | WASH. | I-5-3(544)174 | 67 of 68 |

79W093

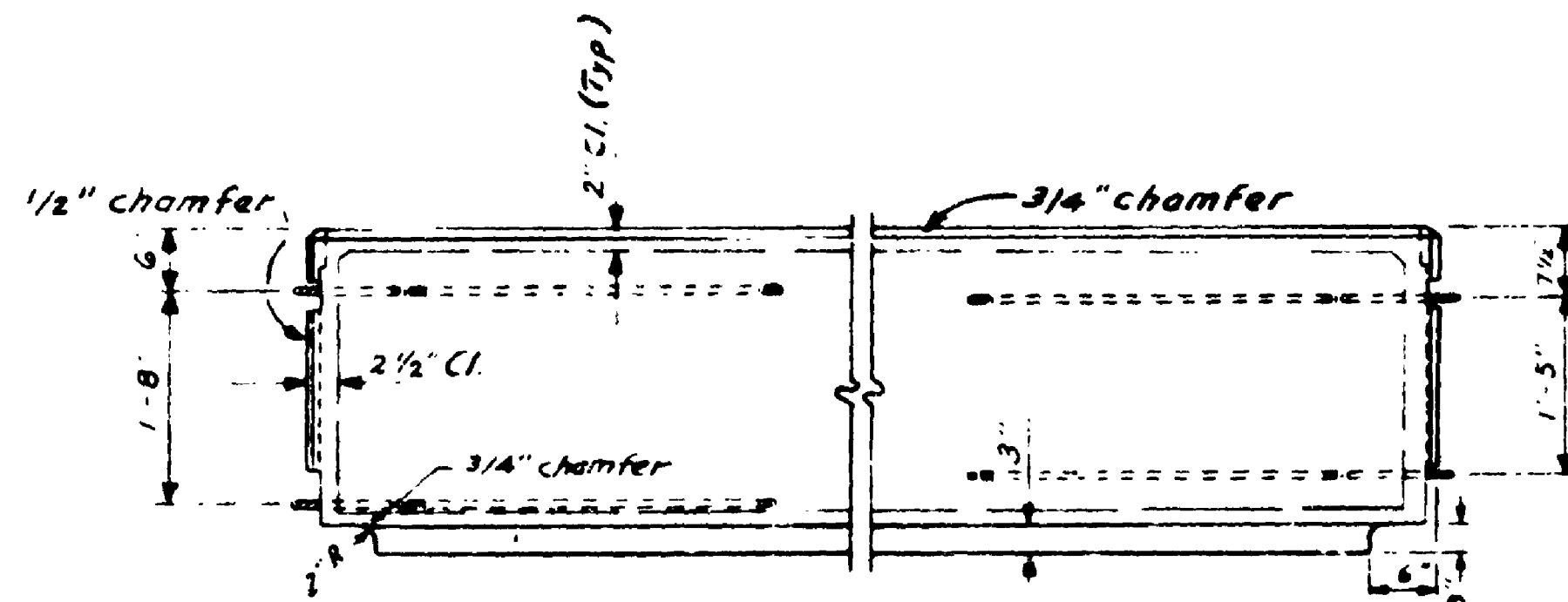
CONCRETE MEDIAN BARRIER-TYPE 4 AND TRANSITION SECTION



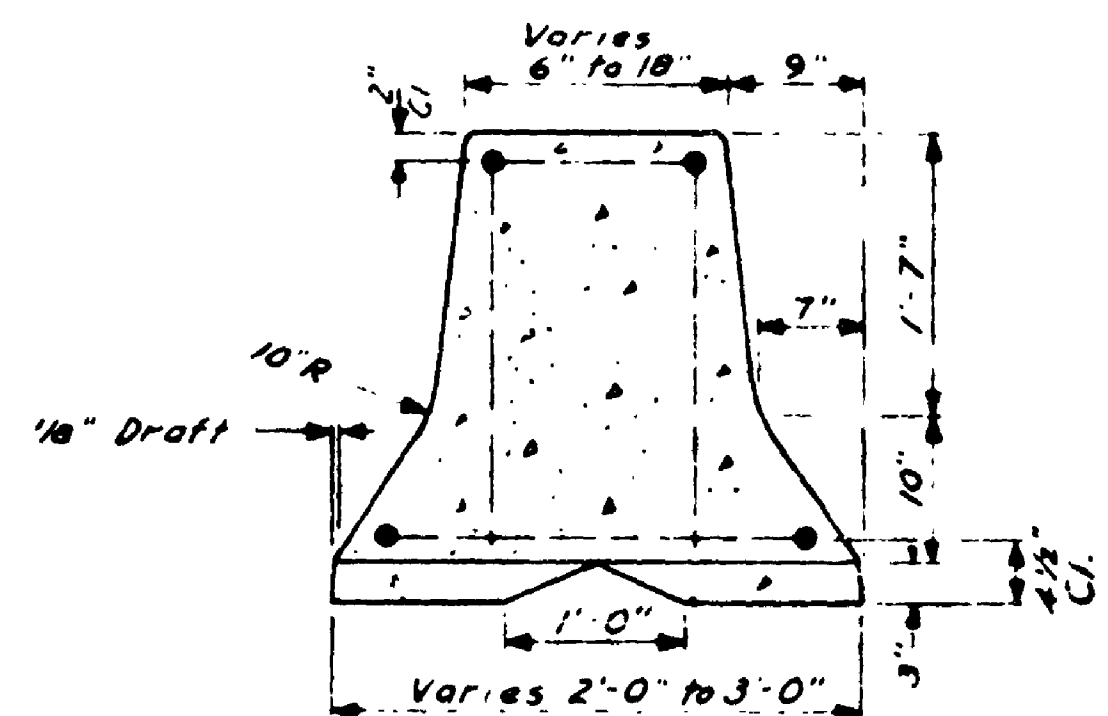
INTERMEDIATE PLAN



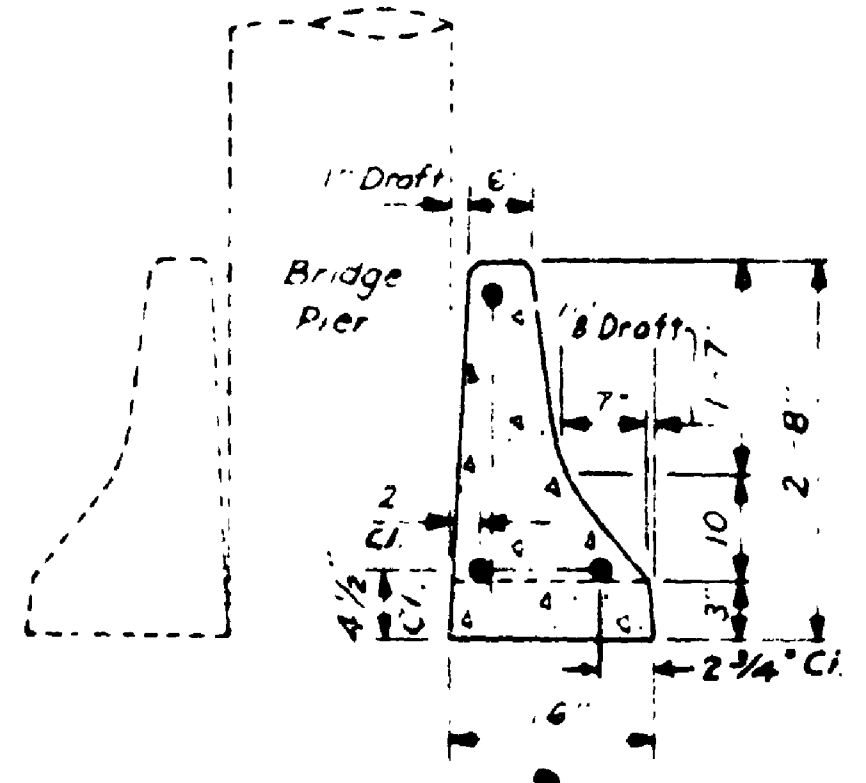
PLAN



INTERMEDIATE ELEVATION



SECTION B-B
TRANSITION SECTION



SECTION A-A
TYPE 4

FOR "AS CONSTRUCTED
PLANS" ONLY

NOTE For details on wire rope, connecting pin and end notches see Standard Plan for Concrete Median Barrier Type 2

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W. A. BULLBY SECRETARY



| | | |
|---------|-----------------|----|
| 6-20-79 | Rev. Sheet Nos. | RB |
| DATE | REVISION | BY |

APPROVED May 25, 1979
SHEET 67 OF 68

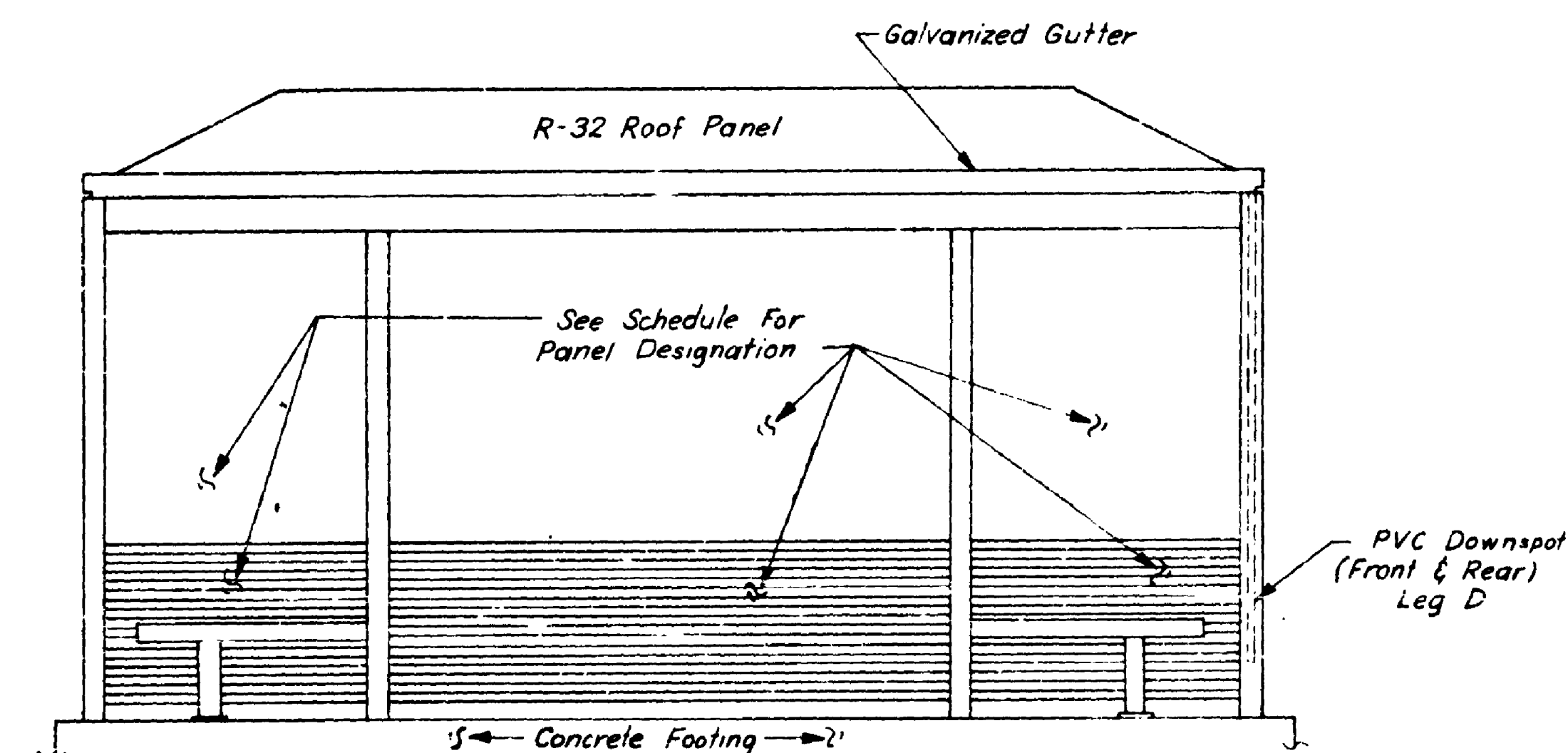
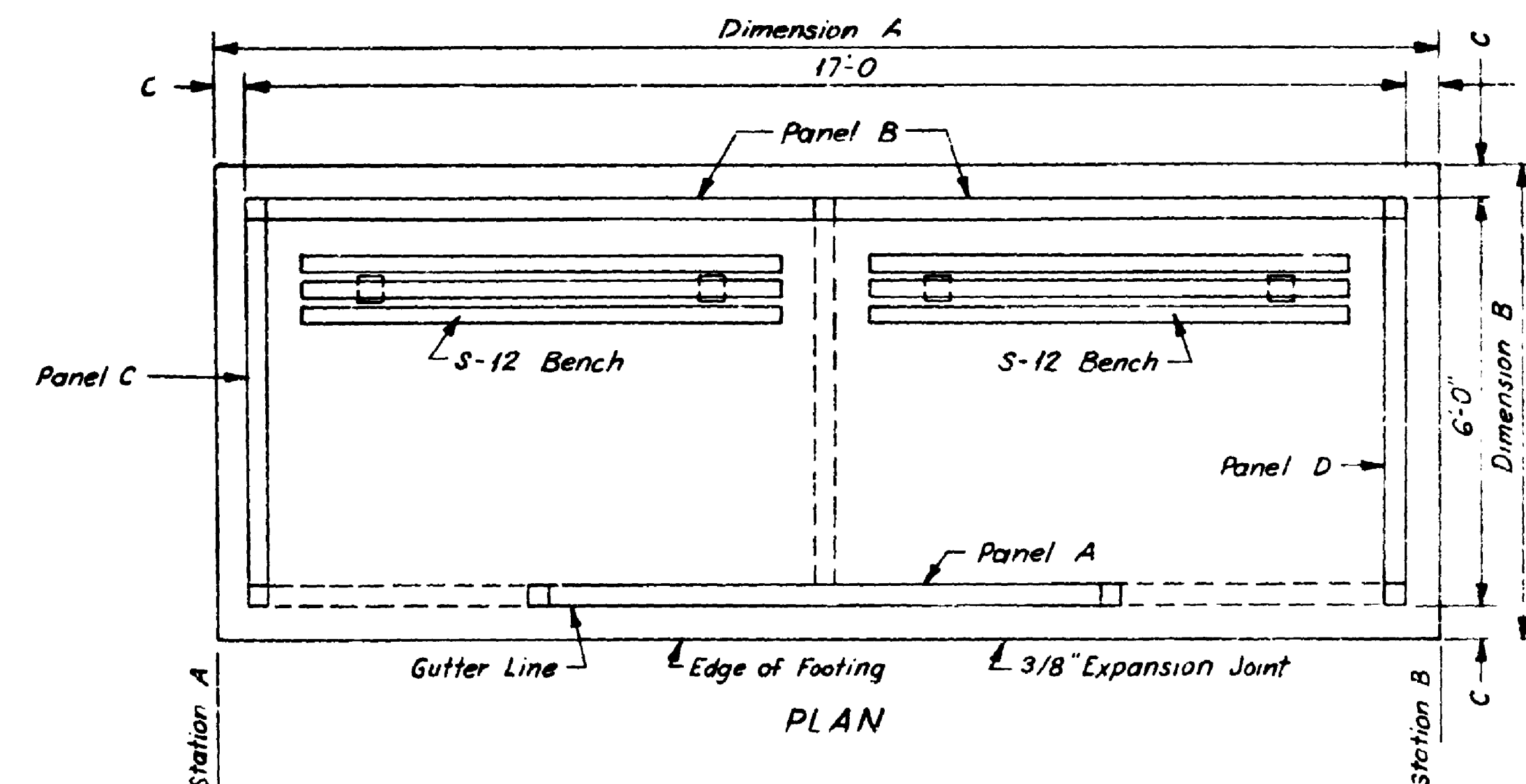
79 W 093

| SCHEDULE | | | | | | | | |
|-----------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|
| ITEM | SOUTHBOUND PASSENGER SHELTER | | NORTHBOUND PASSENGER SHELTER | | WESTBOUND PASSENGER SHELTER | | EASTBOUND PASSENGER SHELTER | |
| | QUANTITY | TYPE | QUANTITY | TYPE | QUANTITY | TYPE | QUANTITY | TYPE |
| Frame | 1 | F-14 | 1 | F-14 | 1 | F-14 | 1 | F-14 |
| Roof | 1 | R-32 | 1 | R-32 | 1 | R-32 | 1 | R-32 |
| Panel A | 1 | P-23 & P-33 | 1 | P-23 & P-33 | 1 | P-23 & P-33 | 1 | P-23 & P-33 |
| Panel B | 2 | P-43 | 2 | P-23 & P-33 | 2 | P-43 | 2 | P-43 |
| Panel C | 1 | P-22 & P-32 | 1 | P-22 & P-32 | 1 | P-22 & P-32 | 1 | P-22 & P-32 |
| Panel D | 1 | P-22 & P-32 | 1 | P-22 & P-32 | 1 | P-22 & P-32 | 1 | P-22 & P-32 |
| Footings | 2.6 C.Y. | Concrete Class B | 2.6 C.Y. | Concrete Class B | 2.6 C.Y. | Concrete Class B | 2.6 C.Y. | Concrete Class B |
| | 112 Lbs. | Steel Reinforcing Bar | 112 Lbs. | Steel Reinforcing Bar | 112 Lbs. | Steel Reinforcing Bar | 112 Lbs. | Steel Reinforcing Bar |
| Dimension | SIZE | | SIZE | | SIZE | | SIZE | |
| A | 17.33' | | 18.0' | | 17.33' | | 17.33' | |
| B | 6.33' | | 7.0' | | 6.33' | | 6.33' | |
| C | 0.17' | | 0.5' | | 0.17' | | 0.17' | |
| STATION | LOCATION | | LOCATION | | LOCATION | | LOCATION | |
| A | T-S 14+12.84 (15.83 Lt.) | | T-N 18+55.00 (15.4 Rt.) | | NE 145th 3+90.00 (45.83 Lt.) | | NE 145th 4+52.00 (45.83 Rt.) | |
| B | T-S 14+30.22 (15.83 Lt.) | | T-N 18+37.00 (15.5 Rt.) | | NE 145th 4+07.33 (45.83 Lt.) | | NE 145th 4+34.67 (45.83 Rt.) | |

NOTES:

1. Architectural Drawings That Follow Are Metro's Standard Details For System-wide Passenger Shelters For Flyer Stops. Only The Details Necessary To Construct The Shelters As Depicted On This Sheet Are Applicable.

2. For the Northbound Shelter Pad, A B1+B1 Footing Series Shall Be Used For The Southbound, Westbound And Eastbound Shelter Pads. A B3 Footing Series Shall Be Used.



ELEVATION
PASSENGER SHELTER

Scale in Feet

FOR "AS CONSTRUCTED PLANS" ONLY

SR 5 MP 174.24 TO MP 175.06
N.E. 145TH ST. FLYER STOP - STAGE 1
KING COUNTY

SHELTER DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULEY

SECRETARY



APPROVED May 25, 1979

CONTRACT NUMBER 1-1-1 SHEET 68 OF 68 SHEETS

| | | |
|------|---------------|----|
| DATE | Rev Sheet Nos | BY |
| | REVISION | |

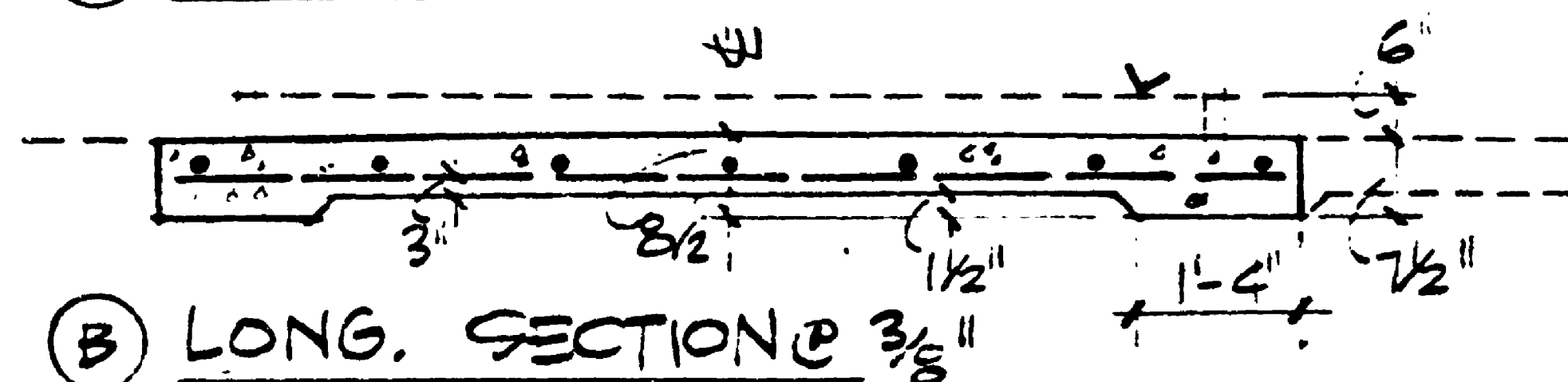
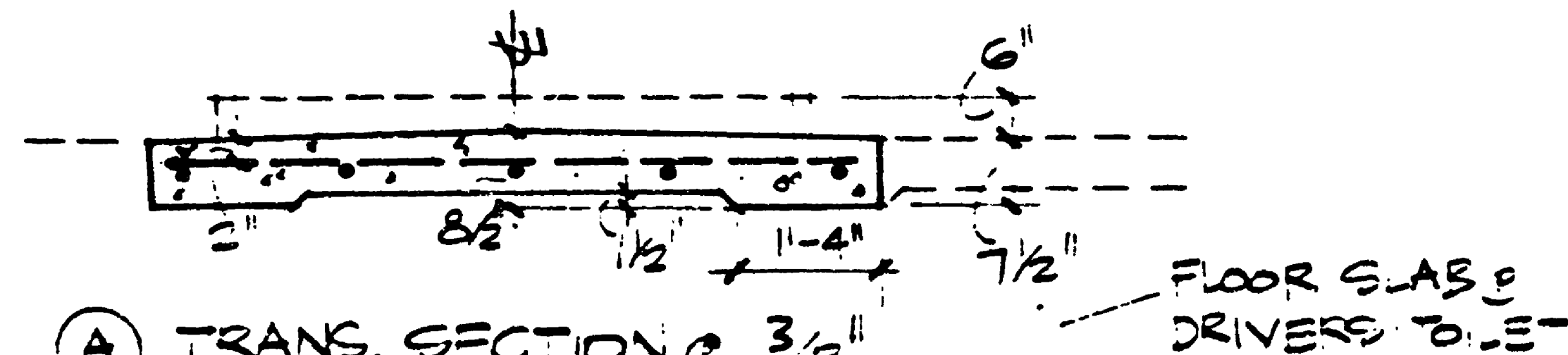
R5 2350

DATE: 5/20/79
BY: W. A. BULEY
CHECKED: J. R. HARRIS
DESIGNED: J. R. HARRIS
DRAWN: J. R. HARRIS
SCALE: AS SHOWN

DATE: 5/20/79
BY: W. A. BULEY
CHECKED: J. R. HARRIS
DESIGNED: J. R. HARRIS
DRAWN: J. R. HARRIS
SCALE: AS SHOWN

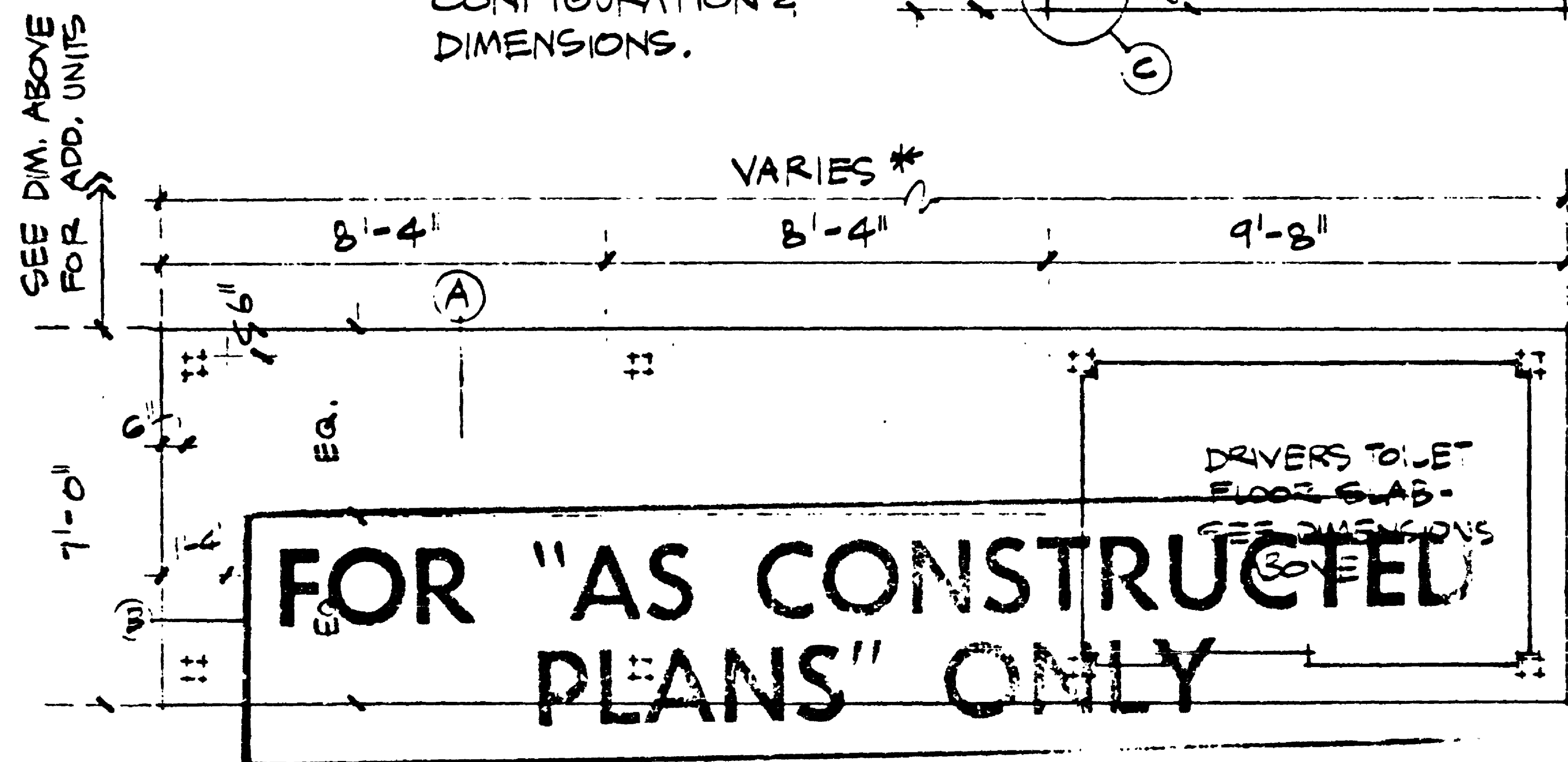
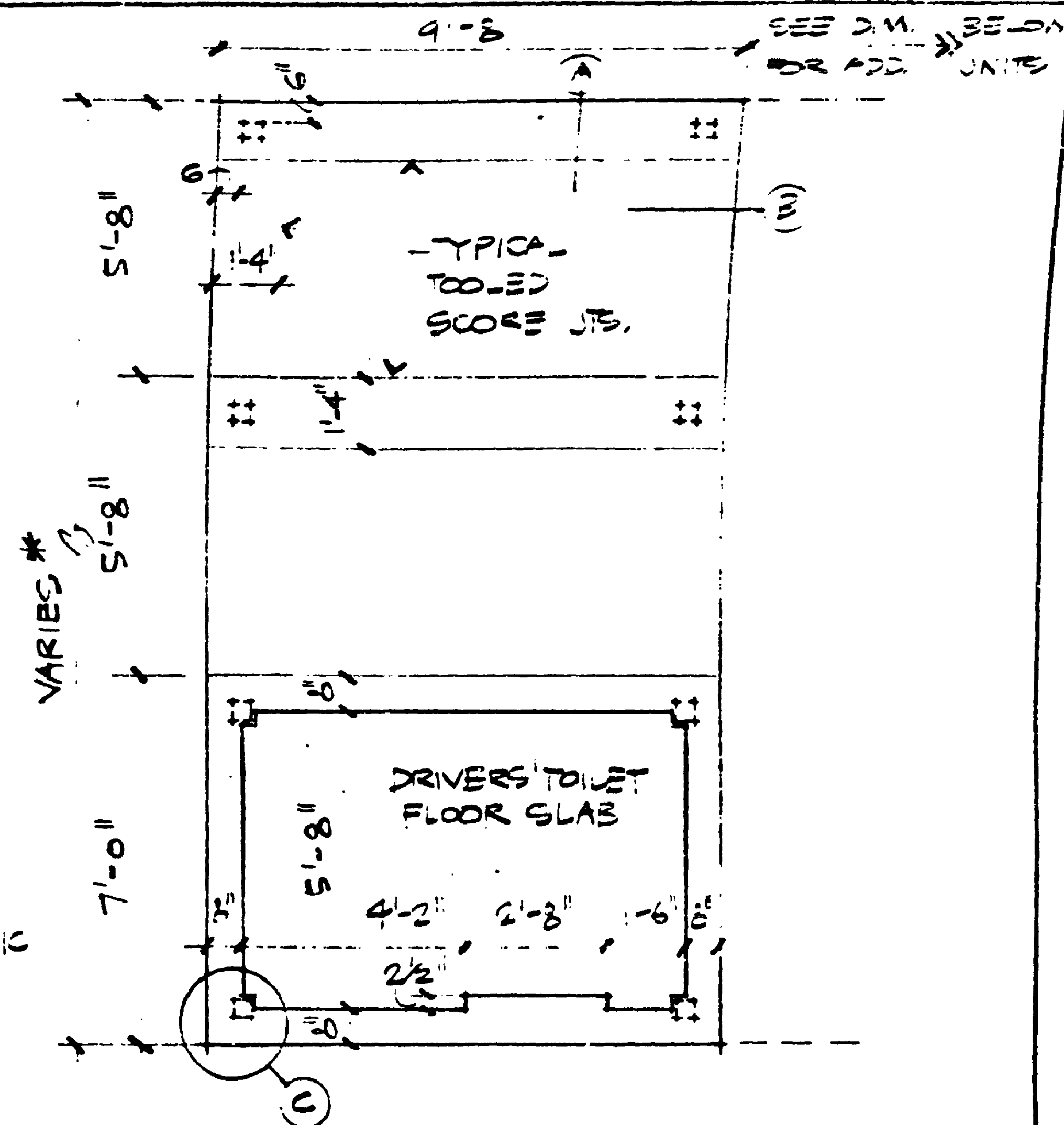
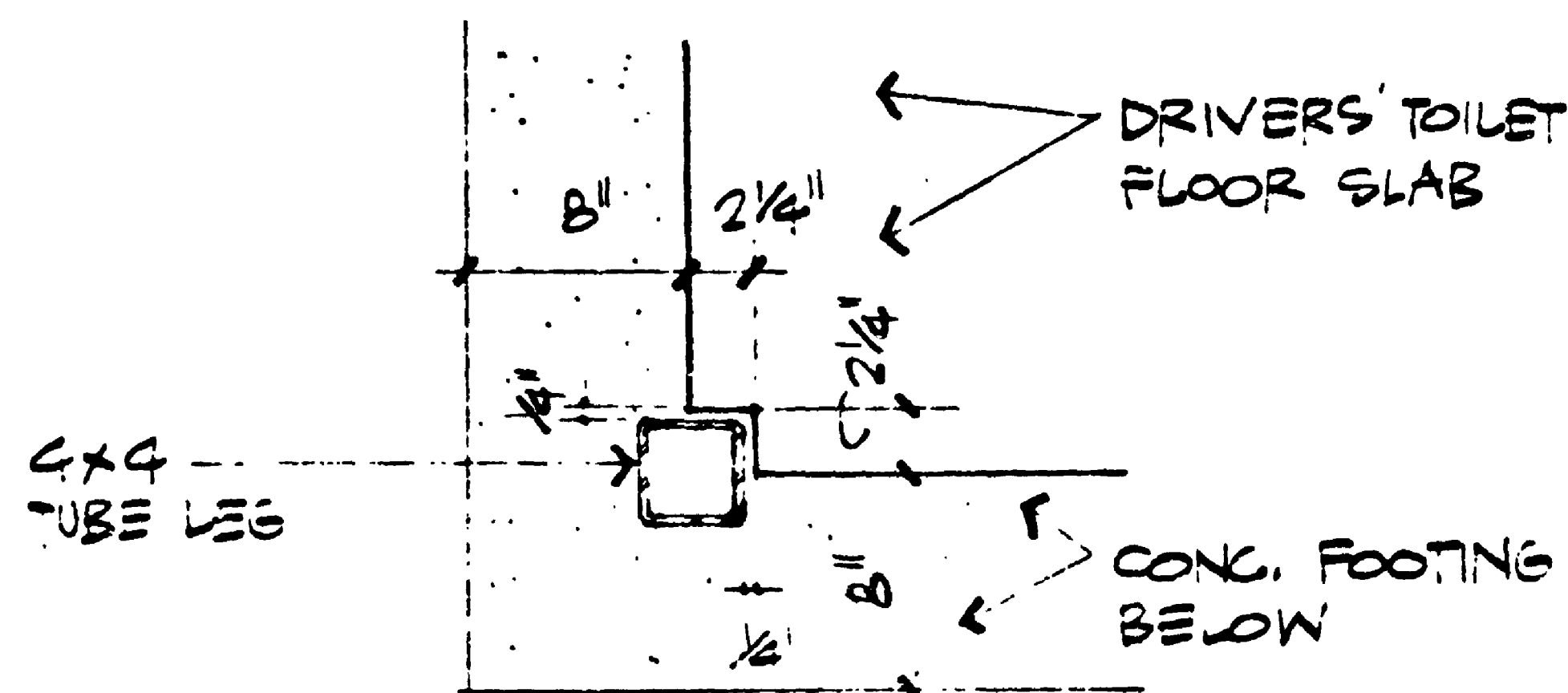
5/20/79
145th Flyer Stop Stage 1
King County
4-4352
Shelter Details
Sheet 68 of 68

#4 BARS @ 8" O.C. EA. WAY
OR WW= 6x6 - W 2.9 x W 2.9



NOTE:
THESE SECTIONS ARE
TYPICAL UNLESS MODIFIED
BY INDIVIDUAL SITE PLANS.

* NOTE:
SEE INDIVIDUAL SITE
PLANS FOR SPECIFIC
OVERALL FOOTING
CONFIGURATION &
DIMENSIONS.



TYPICAL FOOTING PLANS @ 1/2"

| | | | | |
|---------------------|------------|----------|--------------------------------------|-------------------|
| DESIGN TRA | DATE DL | DIVISION | CONTRACT # 1626 | DATE AUG. 1976 |
| APPROVED PEABODY | | TRANSIT | MUNICIPALITY OF METROPOLITAN SEATTLE | FILE NO. |
| | | | CONCRETE FOOTINGS | SHEET A-2 |

SRS 12350

GENERAL STRUCTURAL NOTES

1. Design

Live Loads - Roof25 psfWind Load20 psfUplift Load30 psfSeismic in accord w/UBC-1973-Zone 3Soil bearing min req'd1000 psf
2. Codes & Standards

Uniform Building (ICBO) - 1973AISC Spec for structural steel for Buildings (7th Edition)
3. Reinforced Concrete - Supervised

Concrete Footing

f'c = 3000 psi - (Ultimate Strength Design)6 sks/c.y., 6 gal. water/sk.Re-Stl Grade 40 - fy = 40,000 psi

Cover on Re-Stl

Slabs in grade & foundationExposed to earth - 3 in.Exposed to weather - 1 1/2 in.

Detailing of Reinforcing Steel
Detail in accord with ACI-315-65 and CRSI - Manual of Std. Practice (2nd Printing)
Submit details for approval prior to fabrication and placing.

4. Structural Steel - Supervised

All rolled structural steel - ASTM A36All structural tubing - ASTM A501-Fy = 36 ksi. or ASTM A500 Gr. B (Cold Formed)All structural tubing - Min. thickness 3/16"Fabricate and erect in accord with AISC Spec. "Structural Steel for Buildings", 7th Edition.All welding by City of Seattle Certified Welders. All welding in accord with AWS Code for Welding for Building Construction.Submit shop drawings to Engineer for approval and then to local building agency (if required) prior to fabrication.

FOR "AS CONSTRUCTED PLANS" ONLY

FINISH COLOR SCHEDULE

- P1FRAME SERIES F10P1BEARING SHOE
- STN1WOOD: PANEL SERIES P30P1GUTTER: ROOF SERIES R30P1SHEET METAL ROOF PANS: ROOF SERIES R30
- P2PREFINISHED ROOFING: ROOF SERIES R30
- P3CERAMIC TILEP3CEILING, WOOD DOOR & TRIM, GWB WALLS IN DRIVERS' TOILET
- STN2WOOD: BENCH SERIES 10P1STEEL TUBE LEG AND MOUNTING ANGLE: BENCH SERIES 10
- P1EXPOSED CONDUIT: LIGHTINGP1LIGHT FIXTURE TRIM

DEFINITIONS:

- ALL PRIME COATS TO MATCH TNE MEC BURL BROWN NO. 66-1284
- P1COLOR TO MATCH METRO DARK BROWN
- P2COLOR TO MATCH COLORKLAD MATTE BLACK
- P3COLOR TO MATCH TNE MEC SOYA NO. 70-1825
- STN1COLOR TO MATCH OLYMPIC NO. 70-1825 STAIN NO. 713 (ON FIR)
- STN2RESIN OIL FINISH WITH INTEGRAL PIGMENT

NOTE:
ALL WORK CALLED FOR IN THIS CONTRACT IS NOTED AS NEW; ALL ITEMS NOT NOTED NEW IMPLY EXISTING FEATURES. TYPICAL ALL SITE PLANS.

CONTRACT # 1626

| | | | | | |
|---|--|---------------------|--------------------------------------|---|-------------------|
| REGISTERED ARCHITECT THE SEATTLE ASSOCIATION DATE OF REGISTRATION | DESIGN DRAWN TRA DL | DIVISION TRANSIT | MUNICIPALITY OF METROPOLITAN SEATTLE | GENERAL STRUCTURAL NOTES FINISH COLOR SCHEDULE | DATE AUG. 1976 |
| | RECOMMENDED PEABODY APPROVED J. A. Kelley | | | | FILE NO. |
| | | | | | SHEET A-1 |

SR 5/2350

NOTES

- PAD REINFORCEMENT:
 - N/6" PAD - #4 @ 1'-0" E.W. OR W.W. 6X6 - N2.9 X W2.9.
 - W/12" PAD - #4 @ 1'-0" E.W. OR W.W. 6X6 - W4 X W4.
- WHEN USING BS FOOTING W/ DOUBLE FRAMES, LENGTHEN FRONT MIDDLE LEG OR LEGS OF FRAME AS REQD. TO PROVIDE THE SAME BEARING SHOE EXTENSION AS THE OTHER LEGS
- WHEN TO USE BS FTG:
 - FOR SINGLE MODULE (F11) 5% OR MORE SLOPE
 - FOR DOUBLE MODULE (F11-F12, F14) 3% OR MORE SLOPE.

EDGE OF NEW CONC. PAD AT UPHILL SIDE AND FRONT TO MATCH EXIST. PAVING

1" CHAMFER ALL EXPOSED EDGES
TOP OF 8" CONC. WALL TO BE LEVEL
REAR EDGE OF NEW CONC. PAD - NEW CONC. PAD (NOTE 1)

EXIST. PAVING

GRADE

NEW CONC. PAD (NOTE 1):
- 6" THK. W/ F108
- 12" THK. W/ F208
GRAVEL FILL AS REQD.

#4 @ 1'-0" VERT. - BEND ALT. BARS INTO PAD 1'-0"

#4 @ TOP & BOTTOM
HORIZ. 1'-5"

NOTE: SLOPE OF NEW CONC. PAD AT DOWNHILL SIDE OF FTG. TO EQUAL SLOPE OF EXIST. PAVING IN OPPOSITE DIRECTION.

A SECTION
A2a 3/8" x 1'-0"

B SECTION
A2a 3/8" x 1'-0"

FOR "AS CONSTRUCTED PLANS" ONLY

| BS | FTG. | DIMENSIONS |
|------------|------------|------------|
| FRAME TYPE | DIMENSIONS | |
| F11 | 9'-0" | 6'-4" |
| F14 | 17'-4" | 6'-4" |
| F11 + F12 | 17'-4" | 6'-4" |
| F21 + F22 | 17'-4" | 9'-8" |

Rev-letter 6-1-79

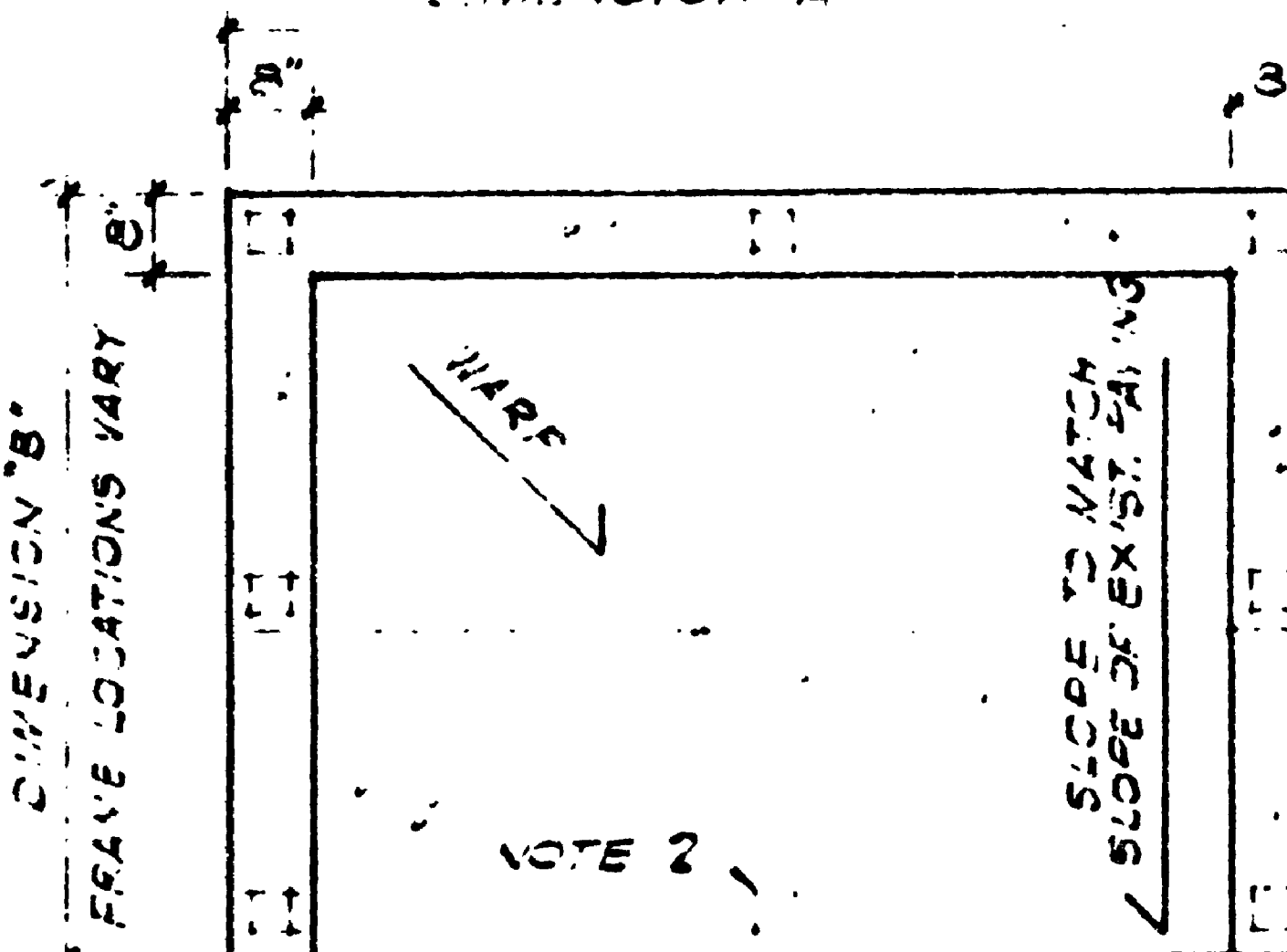
CONTRACT #1626

| | | | | |
|--------|-------|----------|--------------------------------------|---------------|
| DESIGN | DRAWN | DIVISION | MUNICIPALITY OF METROPOLITAN SEATTLE | DATE |
| | DE | TRANSIT | | JAN. 78 |
| | | | BS FOOTING | FILE NO. 7719 |
| | | | | SHEET A2a |

SR 5/235 1627780

A
A2a

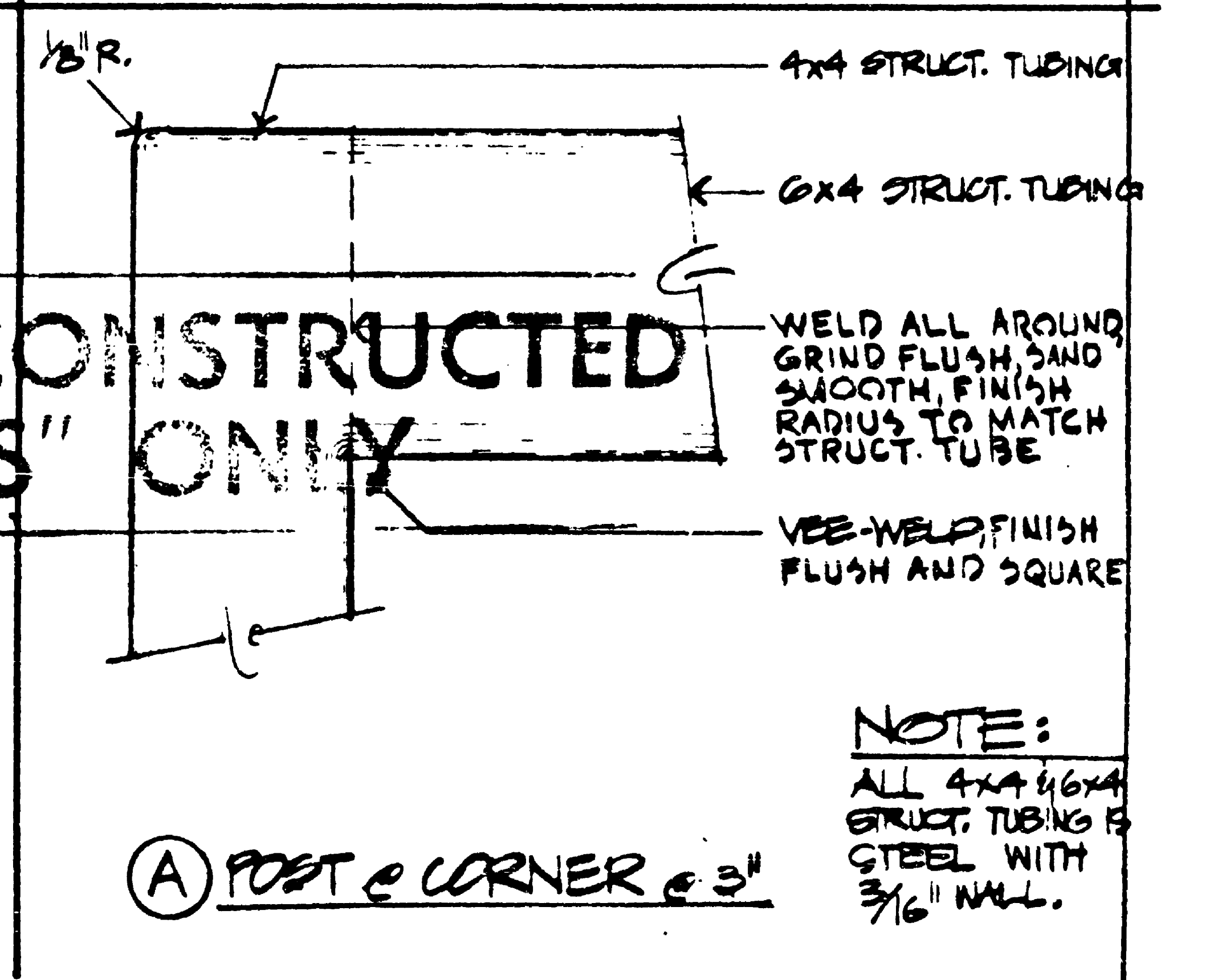
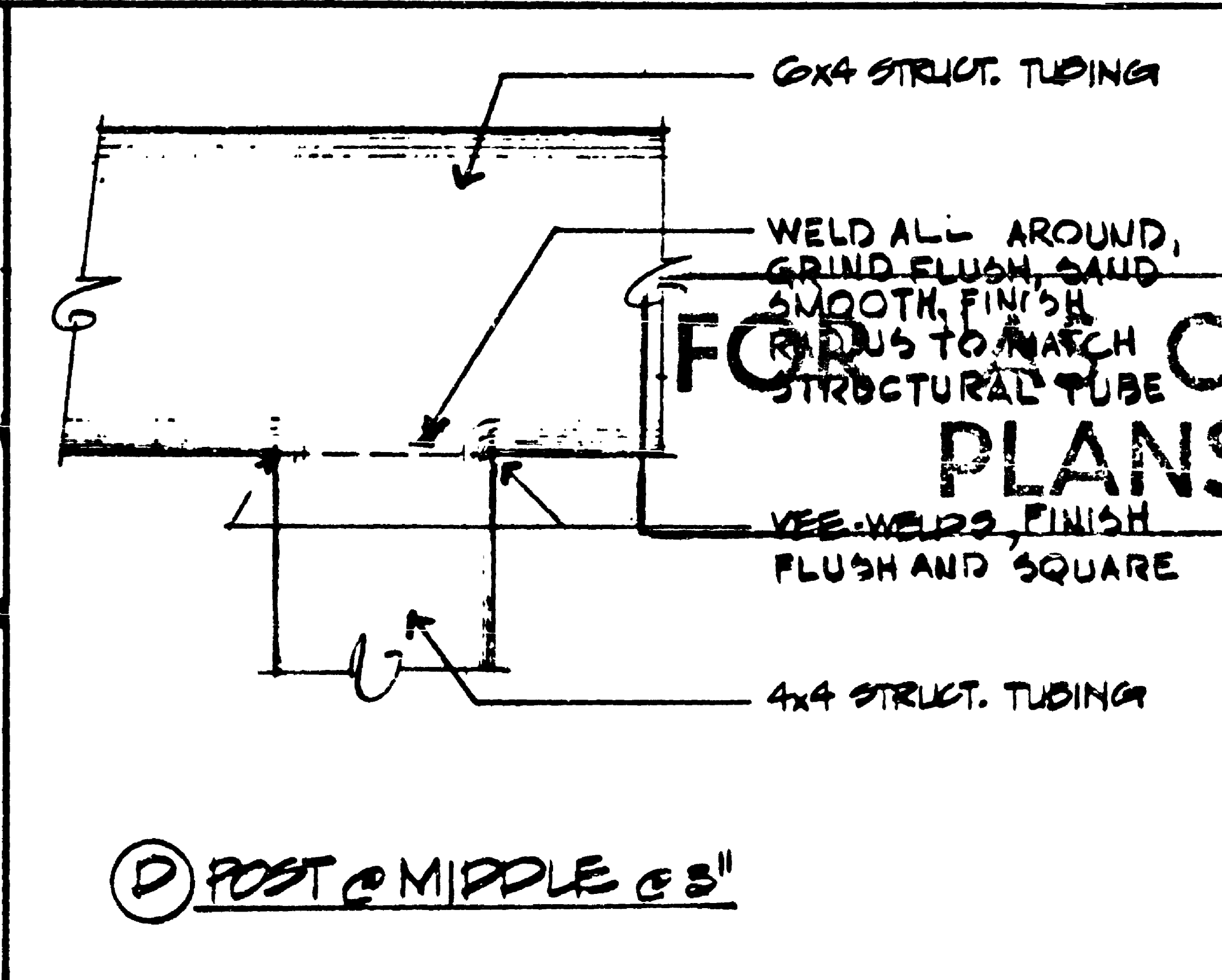
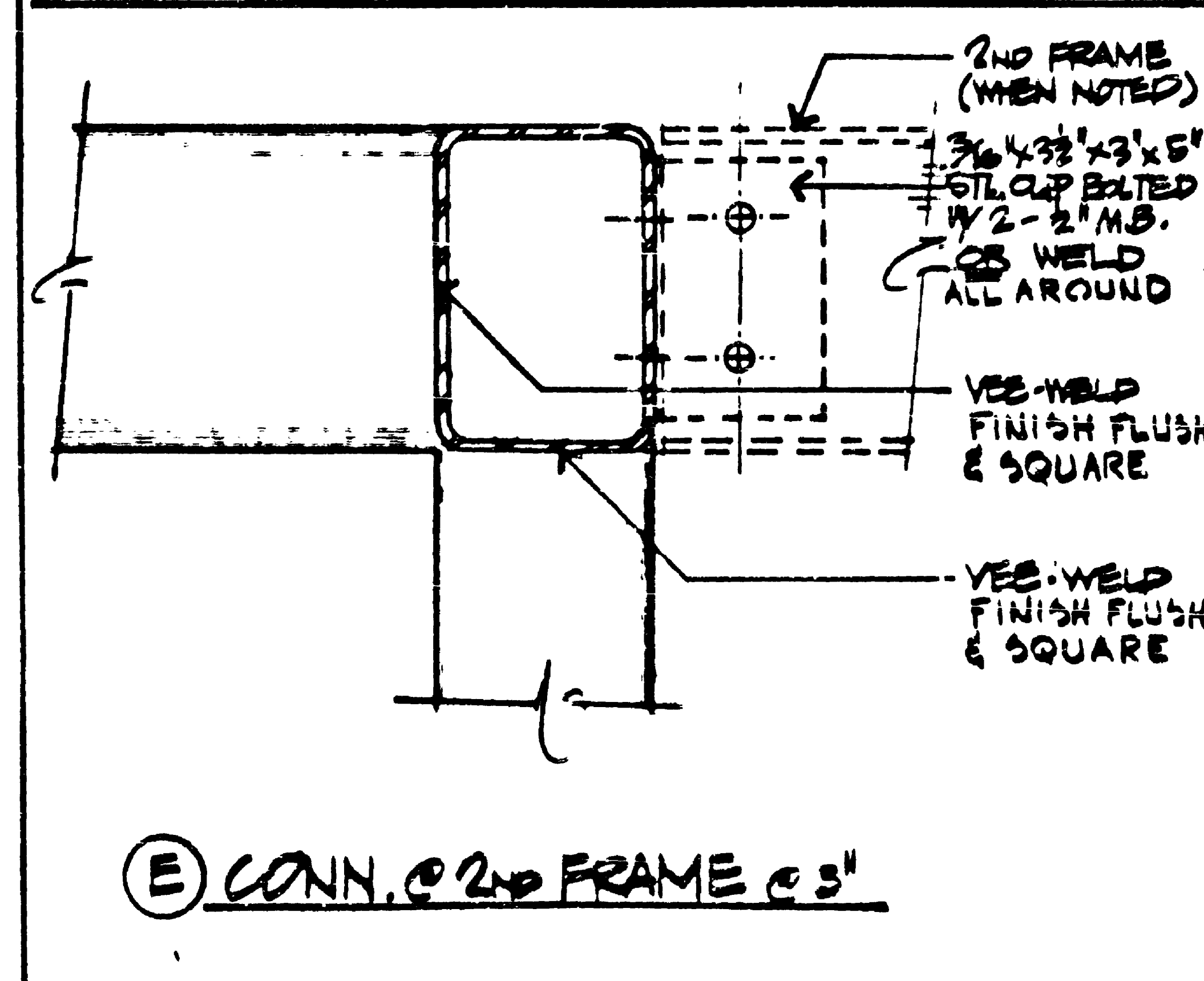
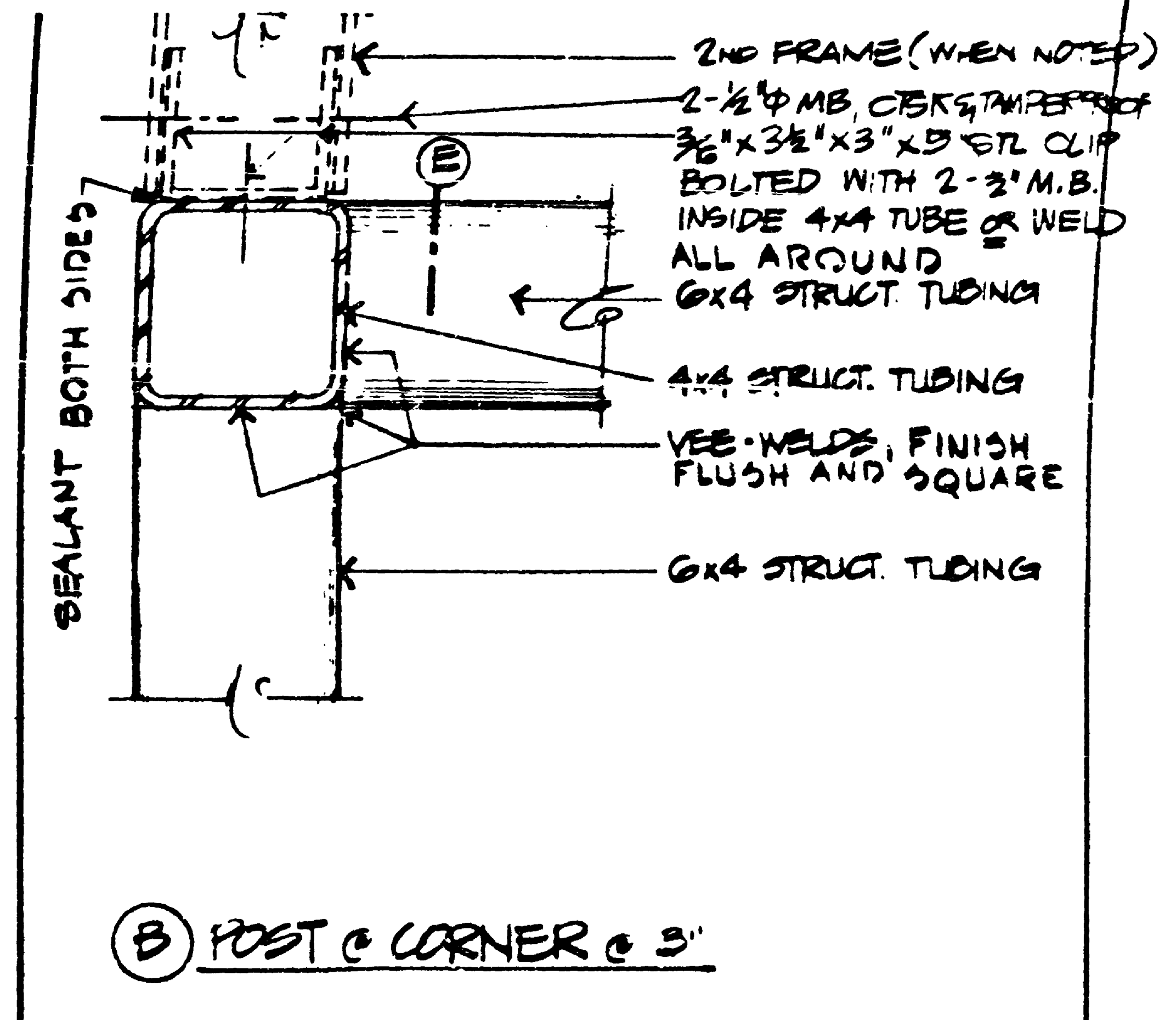
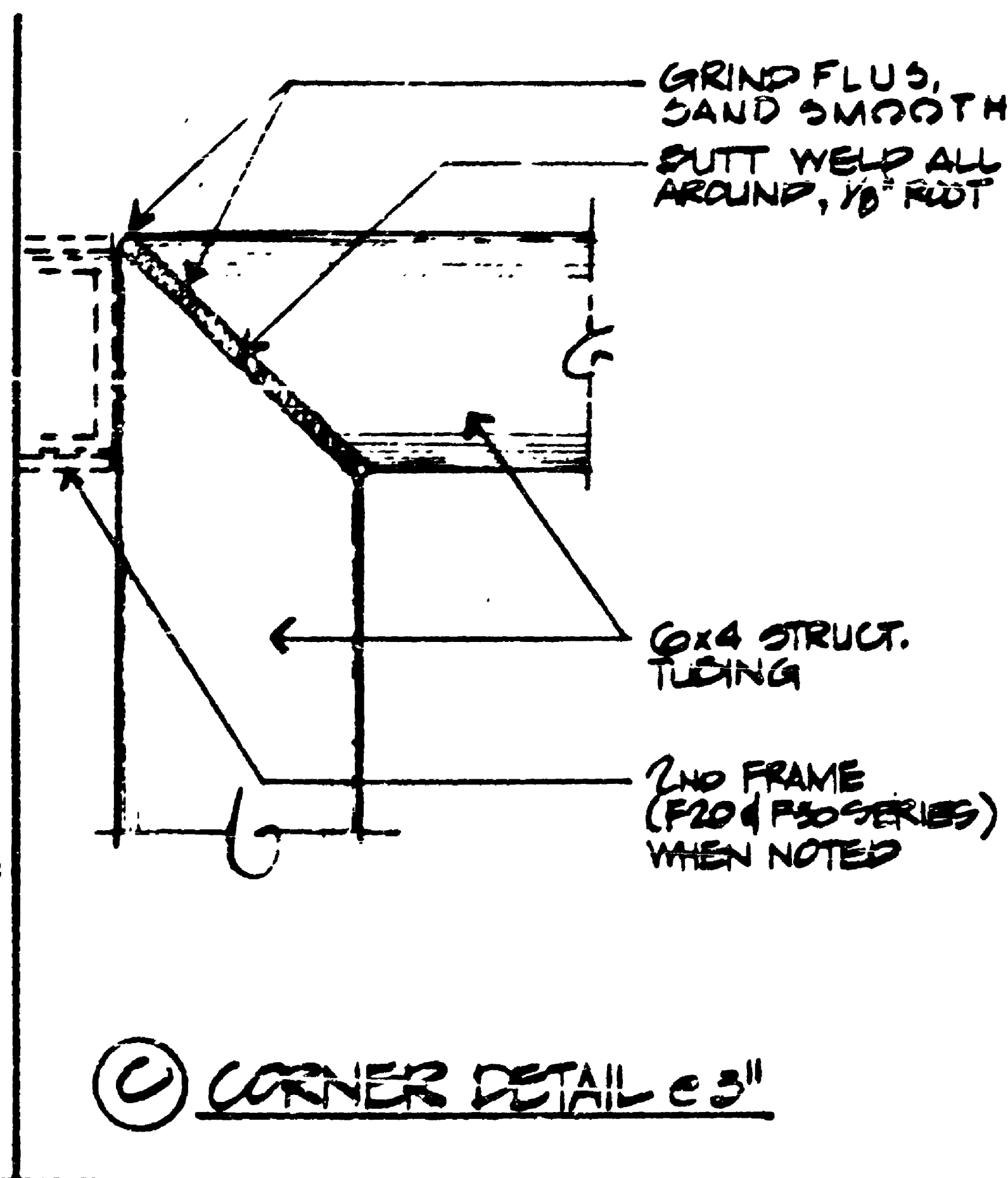
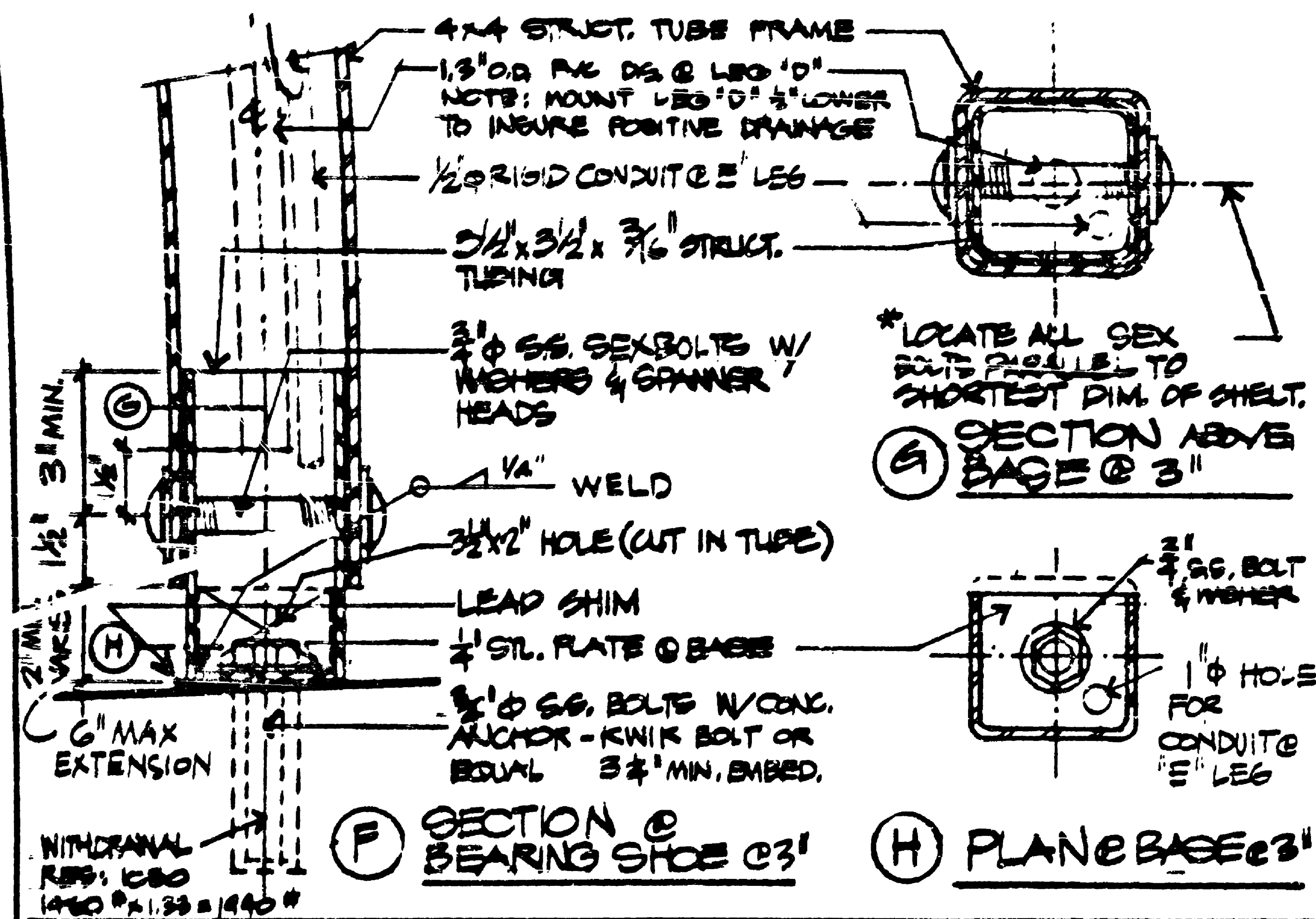
DIMENSION 3"



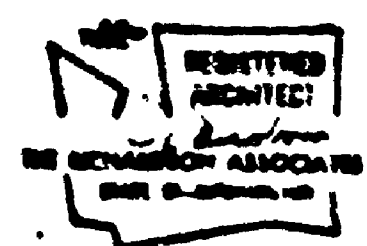
B
A2a

NOTE 2

SLOPE OF EXIST. PAVING



NOTE:
ALL 4x4 & 6x4
STRUCT. TUBING IS
STEEL WITH
3/16" WALL.

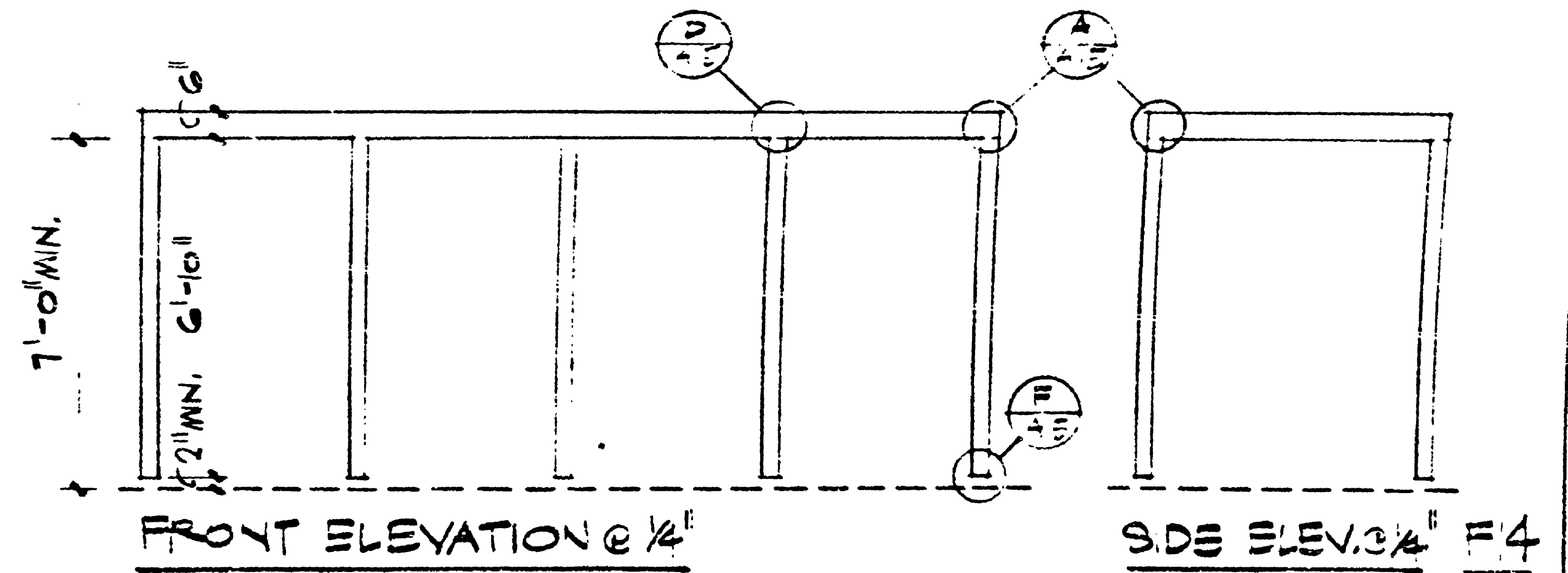
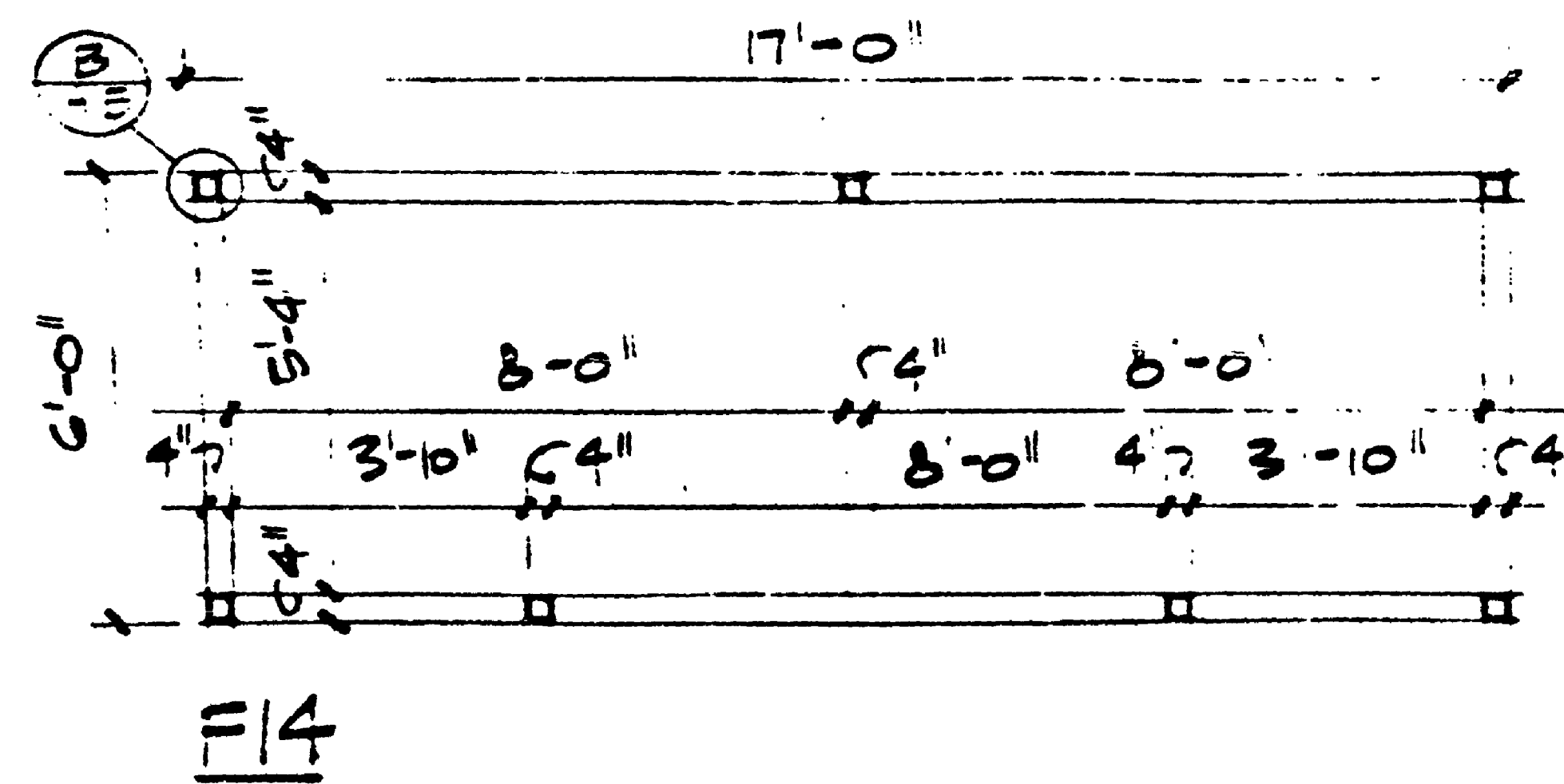


DESIGN ENGINEER
TRA KCB
RECOMMENDED
PEABODY
APPROVED
J. J. Peabody

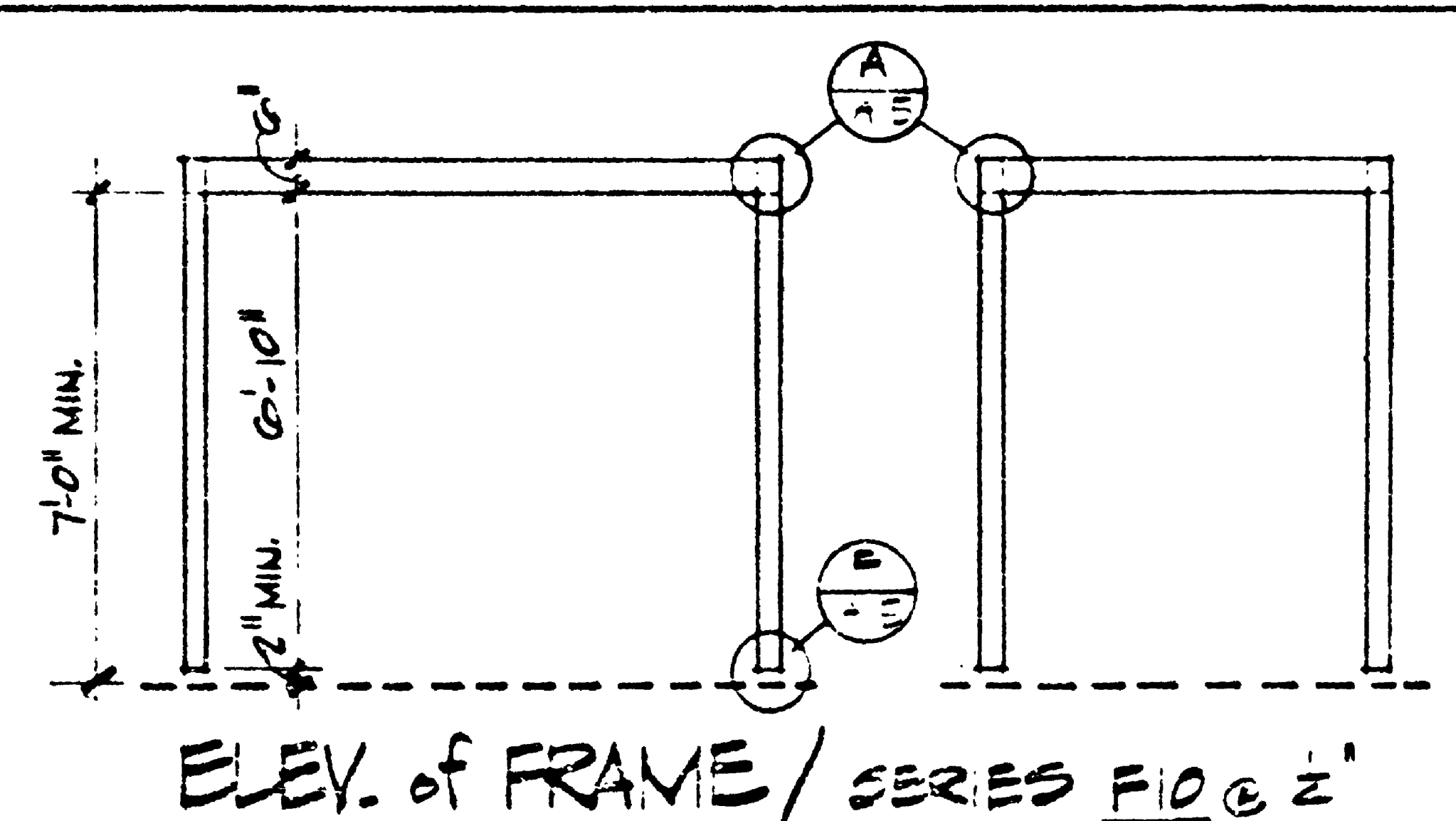
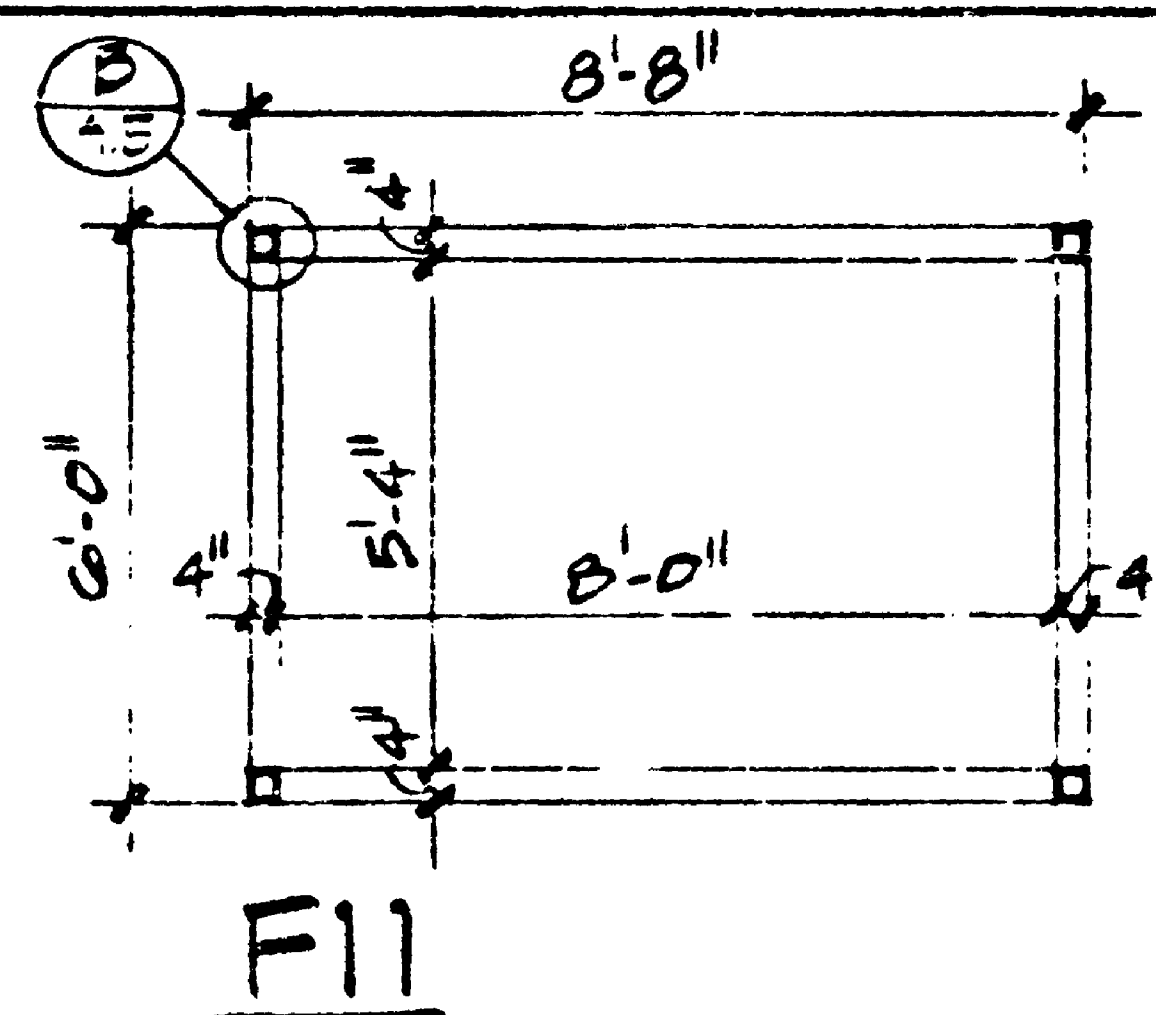
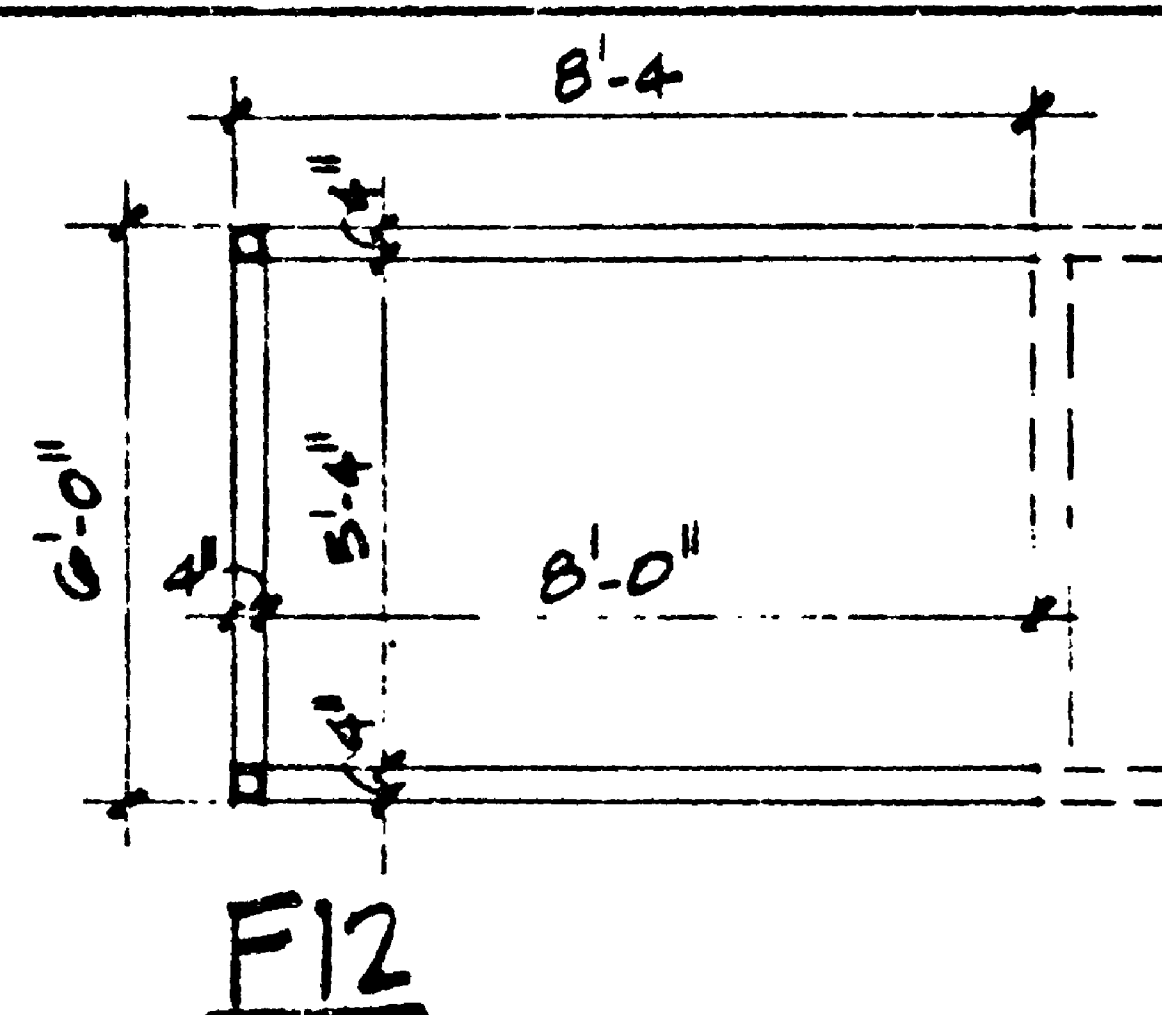
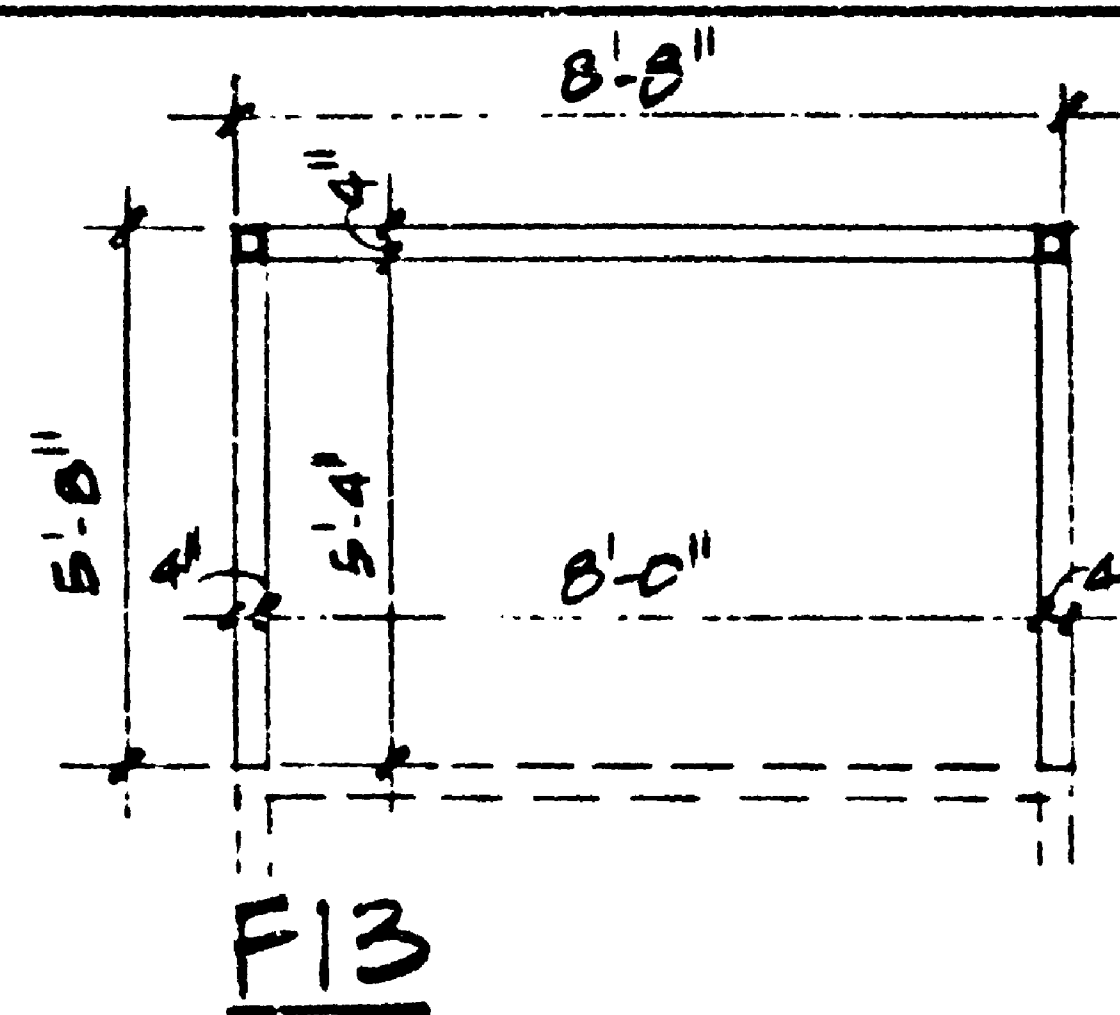
DIVISION
TRANSIT

CONTRACT # 1626
MUNICIPALITY OF METROPOLITAN SEATTLE
FRAME DETAILS

DATE
AUG. 1976
FILE NO.
SHEET A-4



FOR "AS CONSTRUCTED
PLANS" ONLY



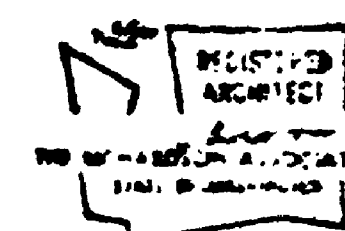
F14
SEE
A302E

F13

F12

F11

CONTRACT #1626



DESIGNED BY
TRA DL
RECOMMENDED BY
PEABODY
APPROVED

DIVISION
TRANSIT

MUNICIPALITY OF METROPOLITAN SEATTLE

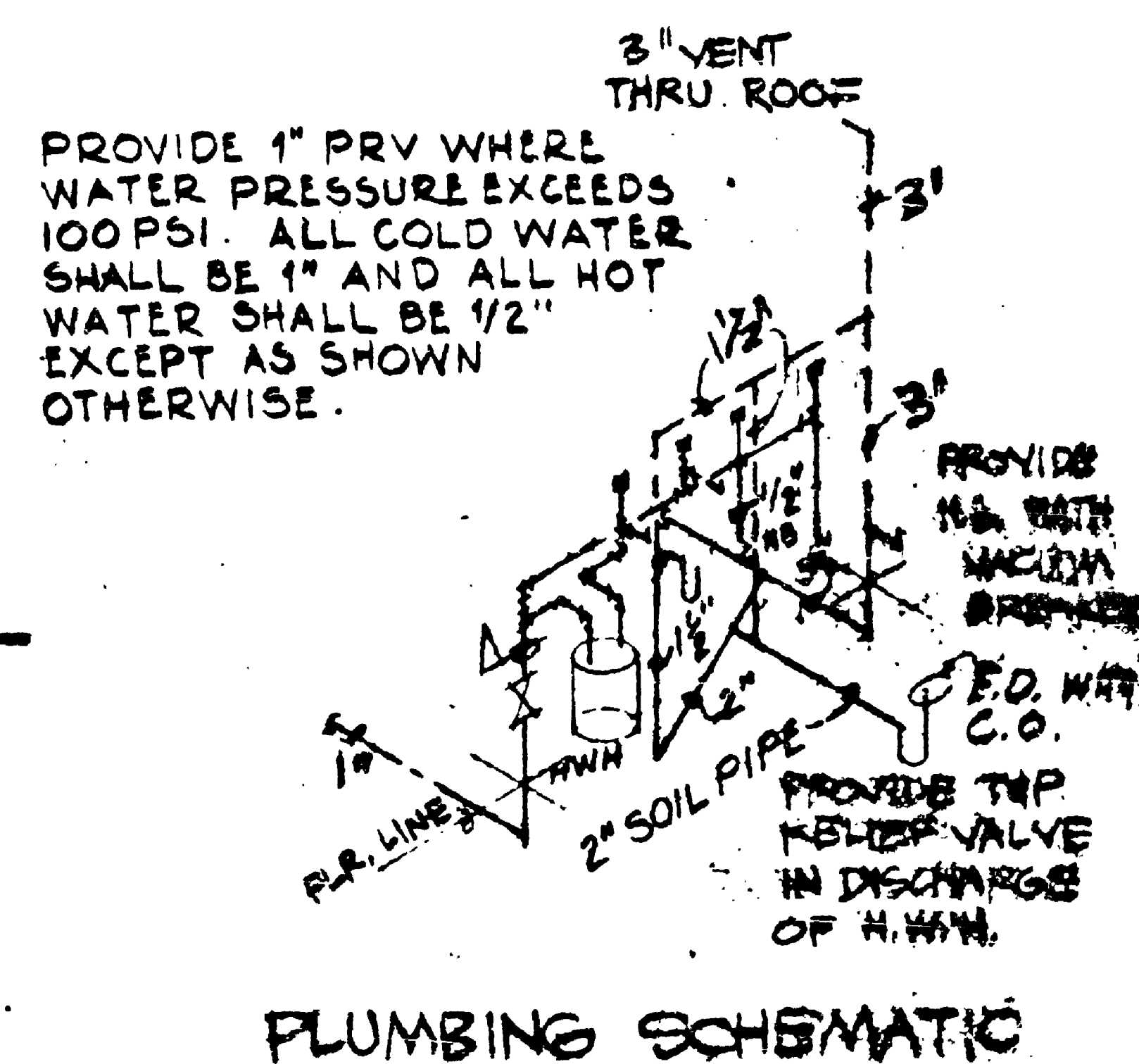
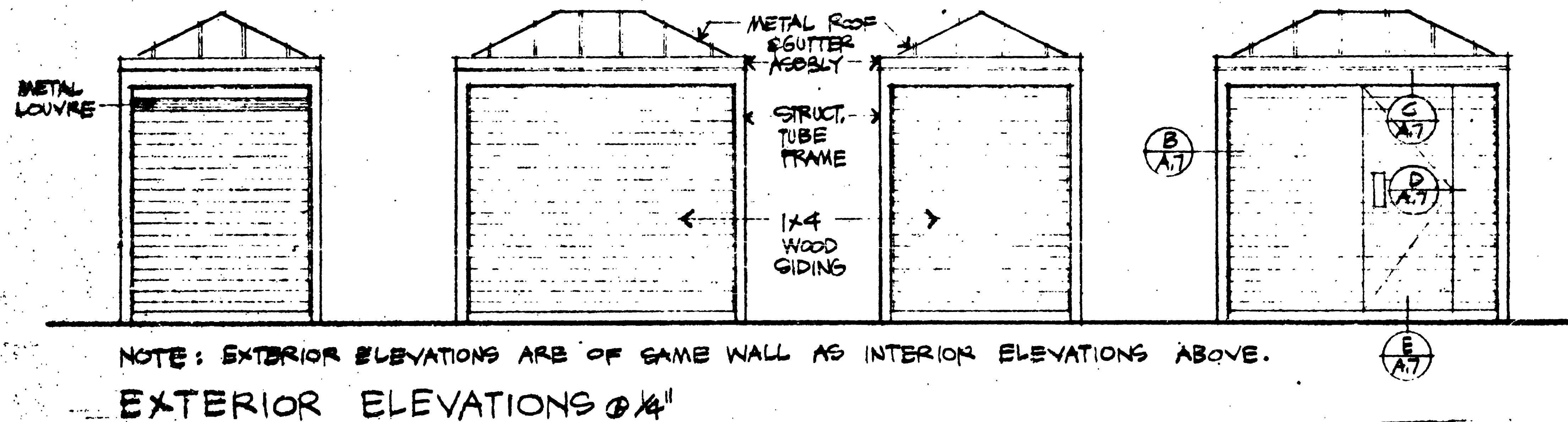
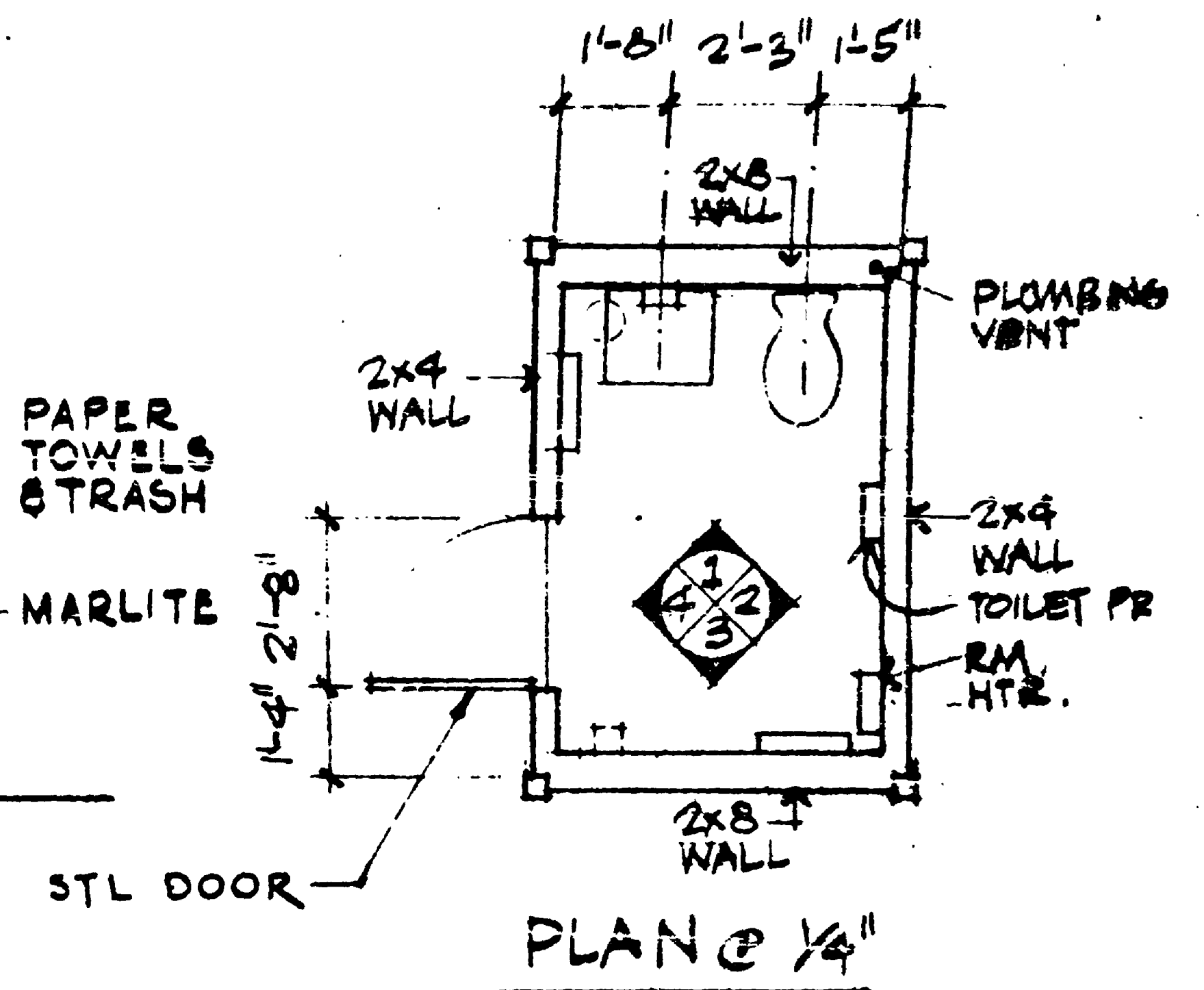
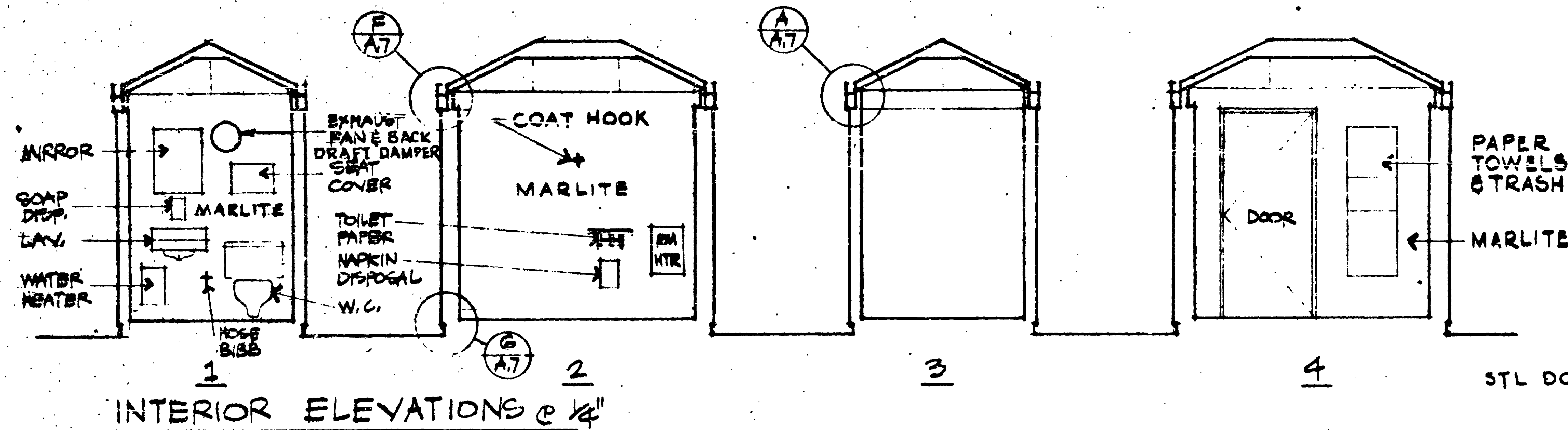
FRAME PLAN AND ELEVATIONS

DATE
AUG. 1976

FILE NO

SHEET 2-3

SR5/2350



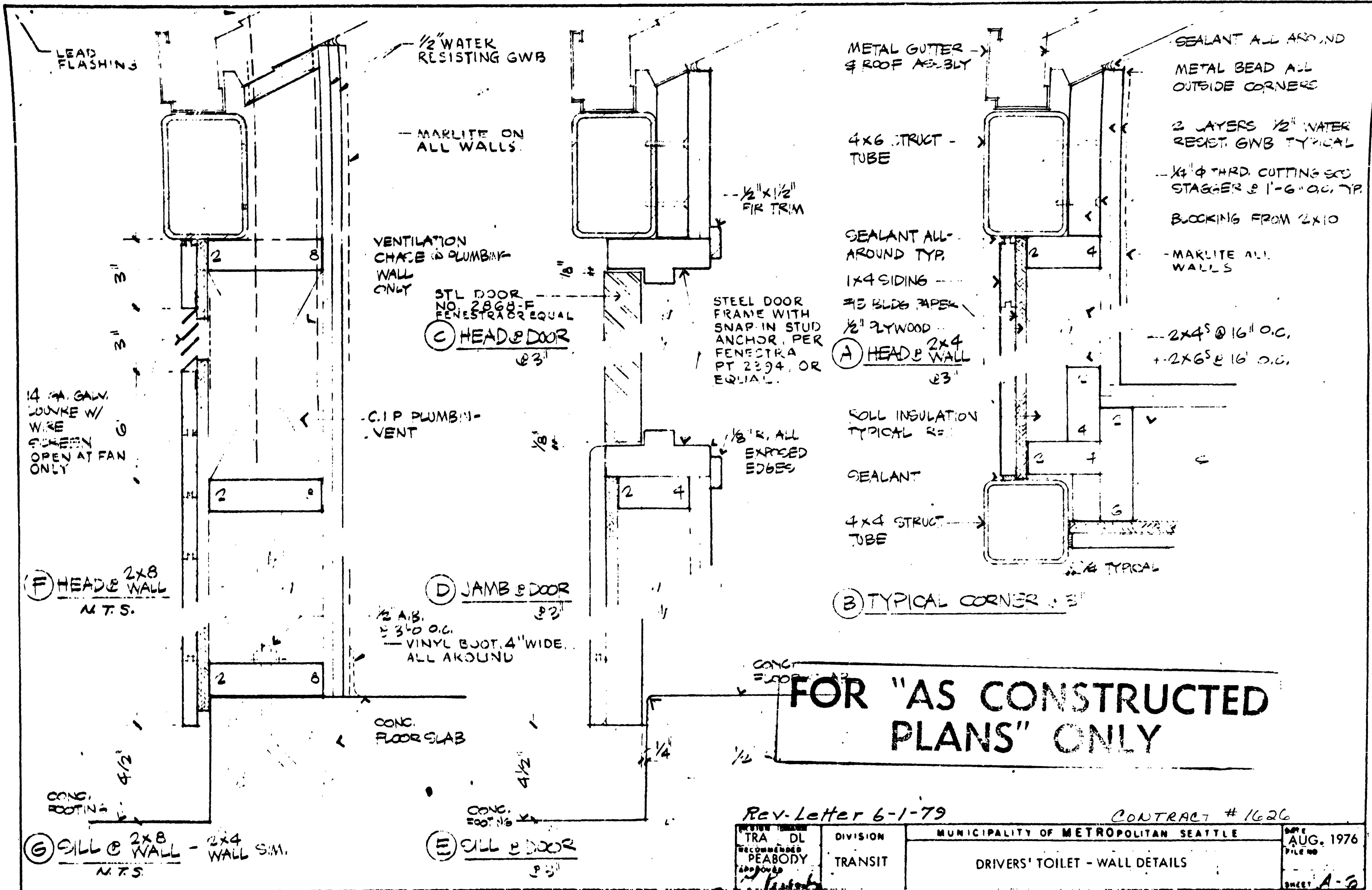
FOR "AS CONSTRUCTED
PLANS" ONLY

Rev-Letter 6-1-79

CONTRACT #1626

| | | |
|----------|----------|--------------------------------------|
| PLANNING | DIVISION | MUNICIPALITY OF METROPOLITAN SEATTLE |
| PERMITS | TRANSIT | DRIVERS' TOILET - PLANS & ELEVATIONS |

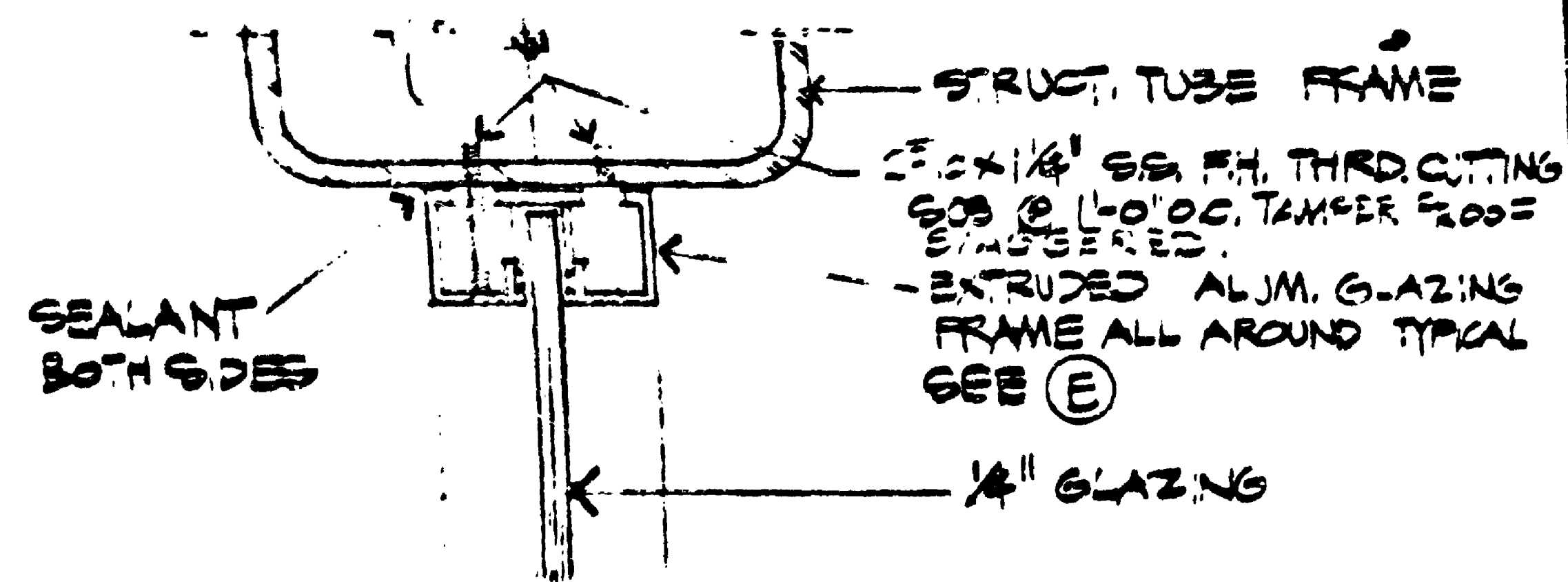
SR 5/2350



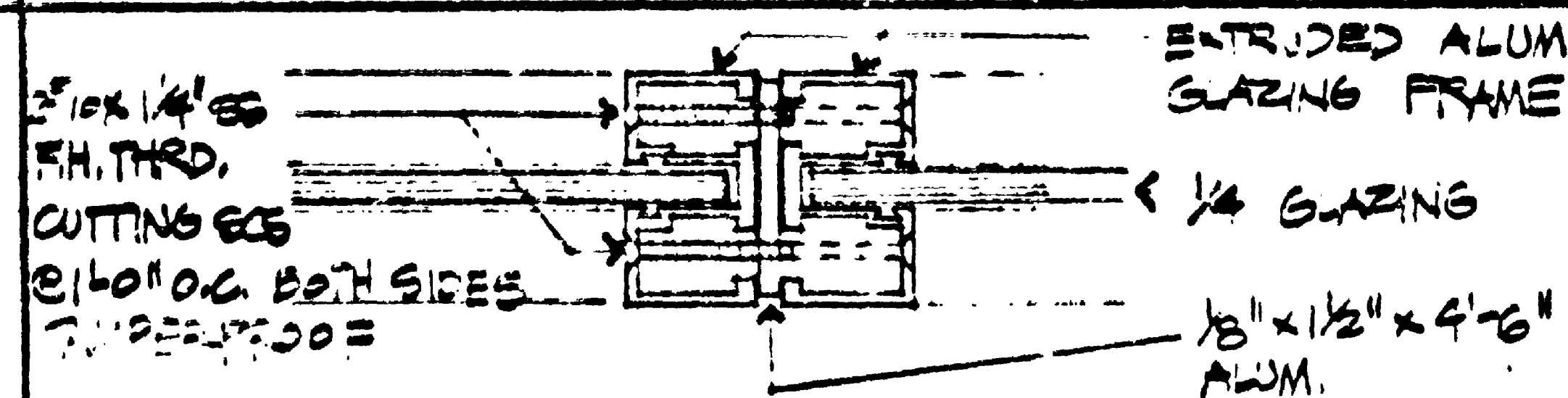
FOR "AS CONSTRUCTED
PLANS" ONLY

| | | | |
|----------------------------------|---------------------|--------------------------------------|-------------------------------|
| Rev. Letter 6-1-79 | | CONTRACT # 1626 | |
| TRA DL Recommended PEABODY | DIVISION TRANSIT | MUNICIPALITY OF METROPOLITAN SEATTLE | DATE AUG. 1976 FILE NO. |
| | | DRIVERS' TOILET - WALL DETAILS | SHEET A-5 |

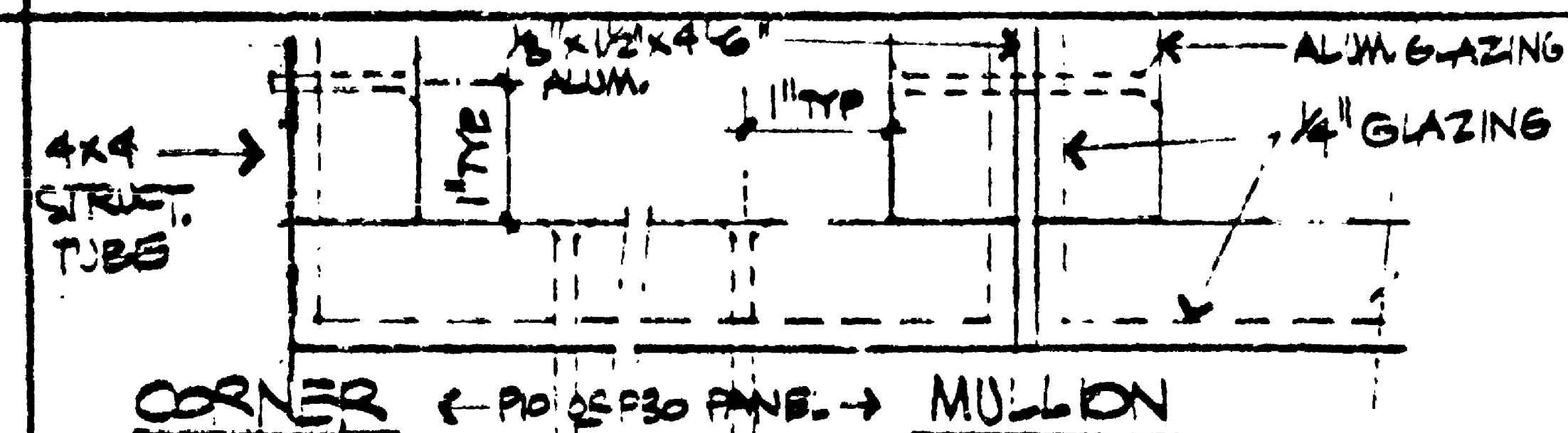
SR5/2300



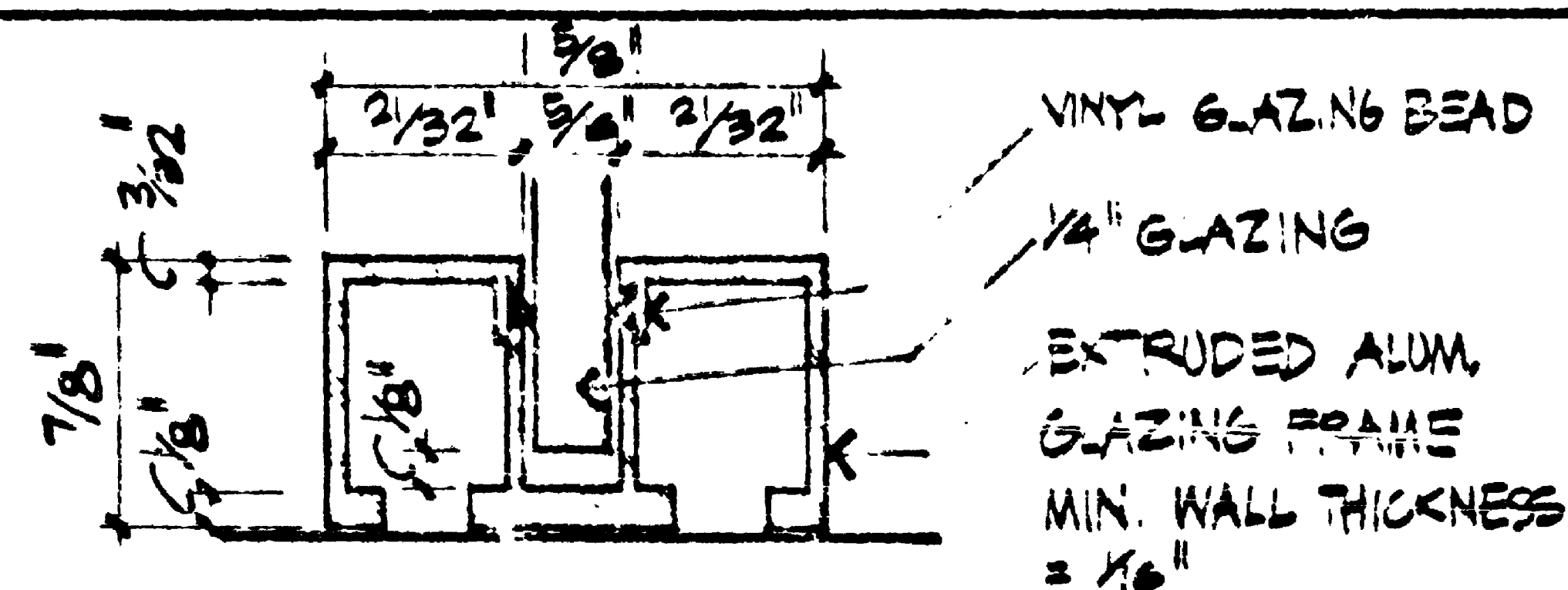
(B) GLAZING EDGE @ FRAME @ 6"



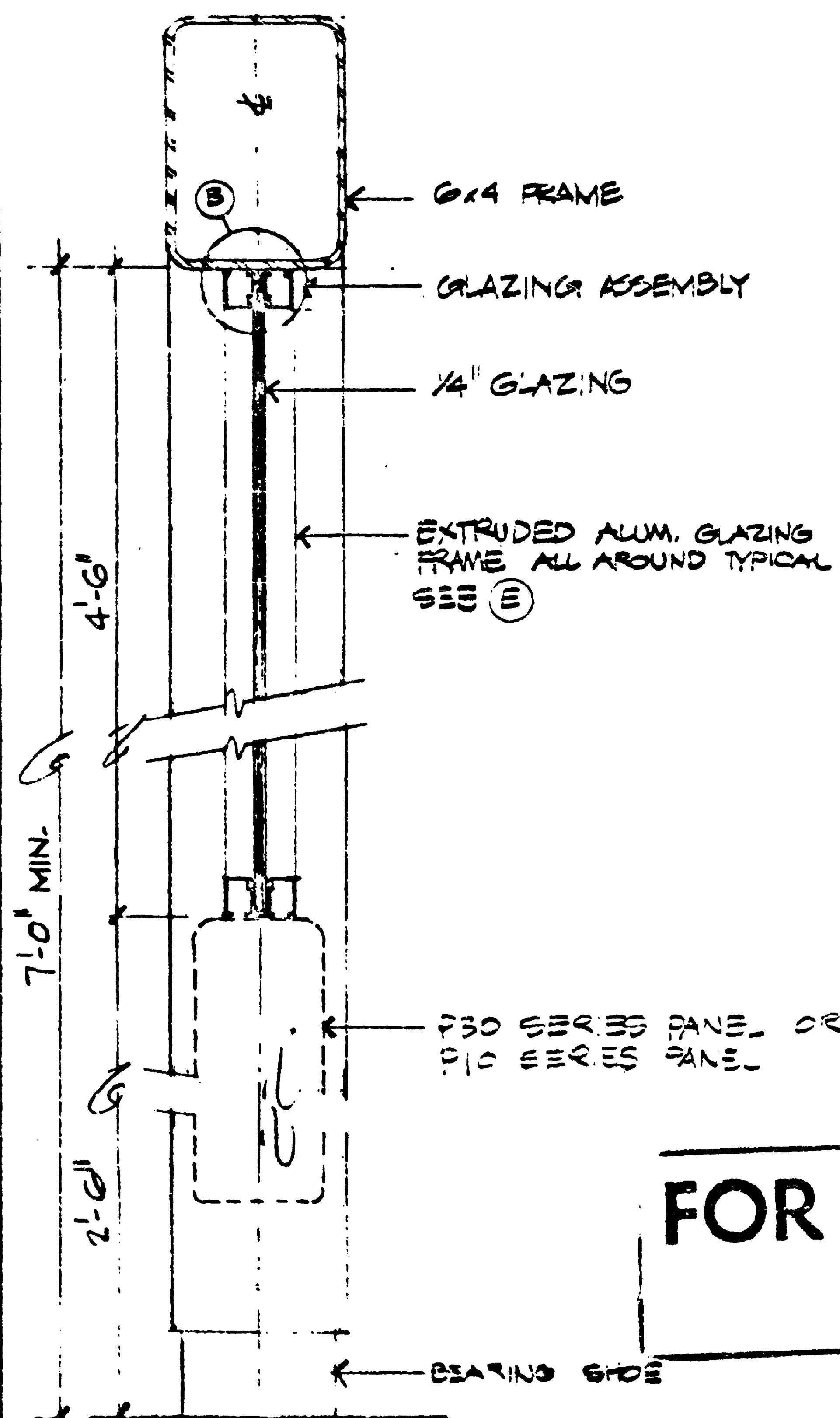
(C) MULLION @ 6"



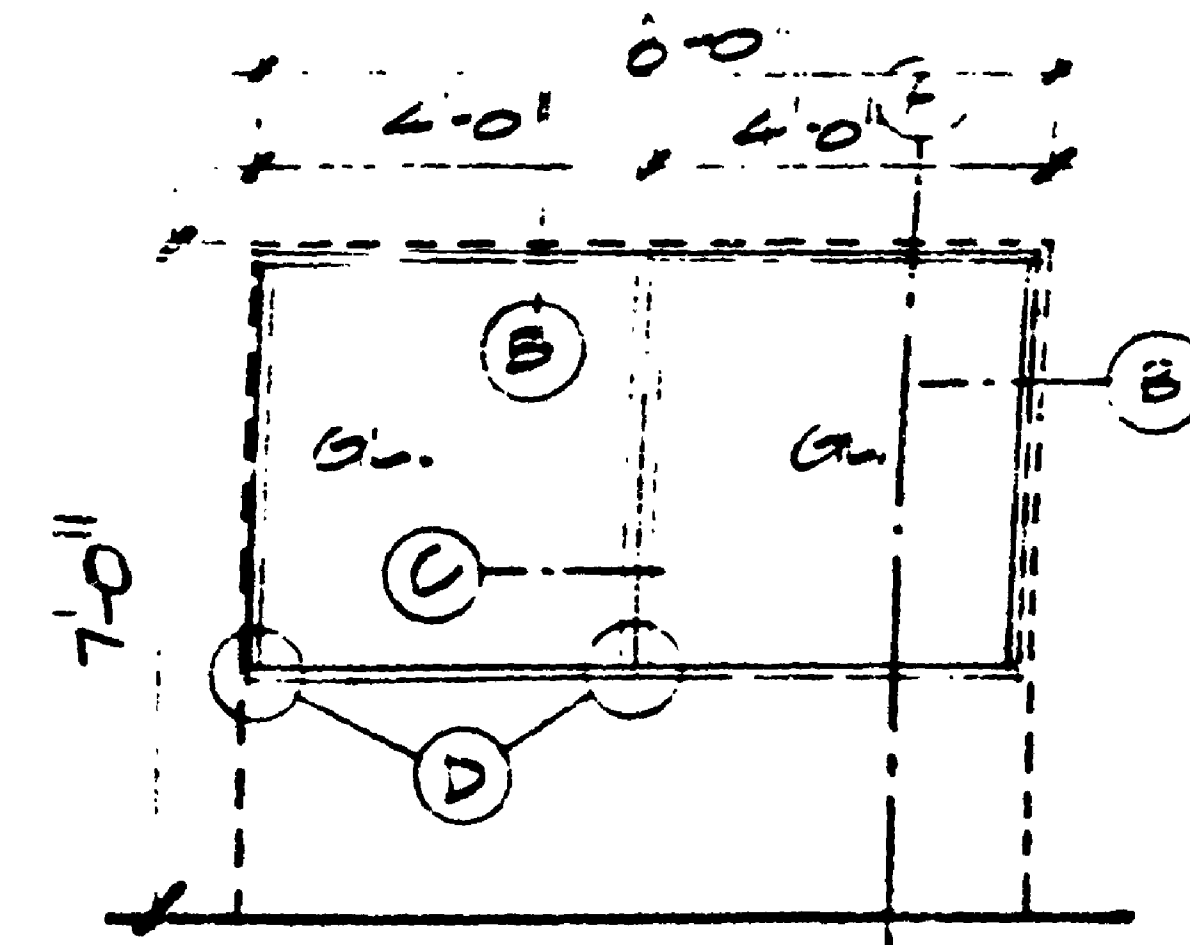
(D) JOINTS @ GLAZING FRAMES @ 3"



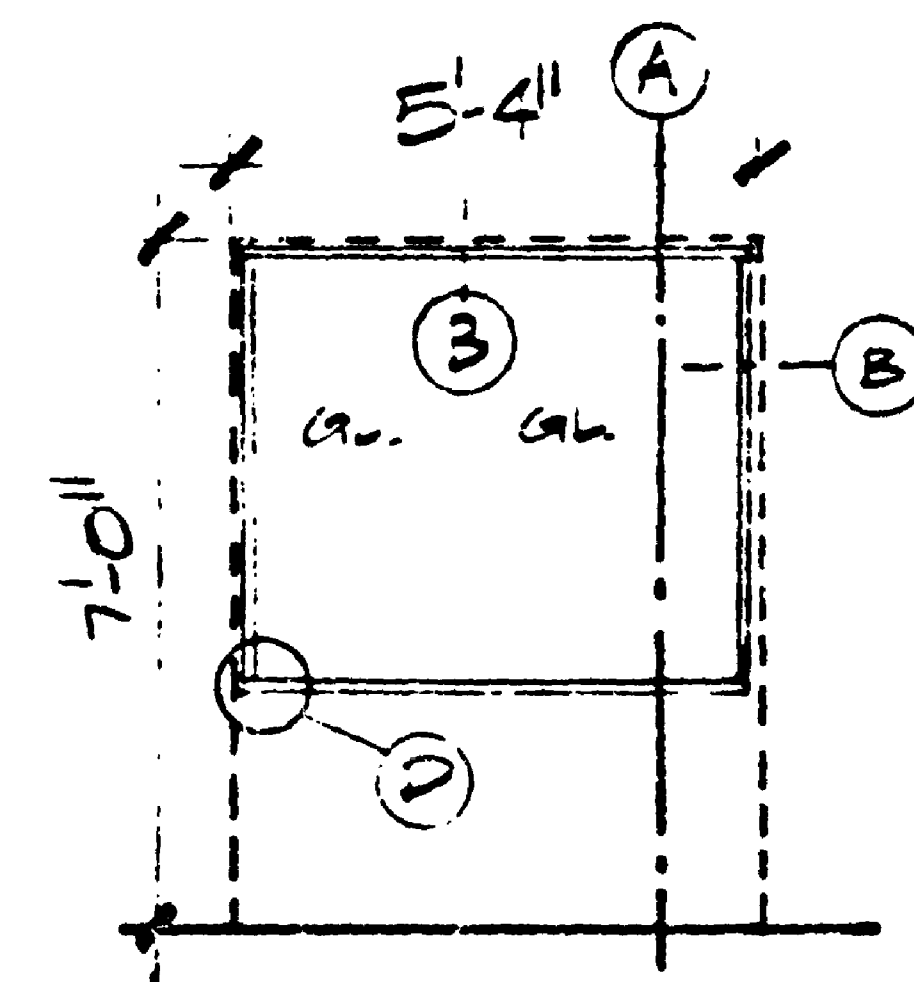
(E) EXTRUDED ALUM. GLAZING FRAME @ 6" FULL SIZE



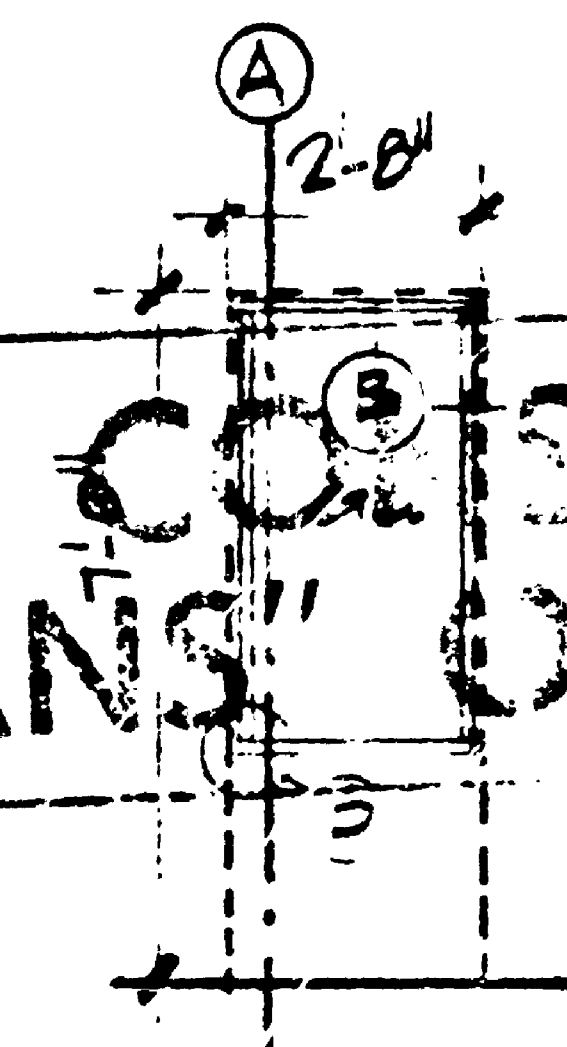
(A) SECTION OF PANEL / SERIES P2050



223
 3/4

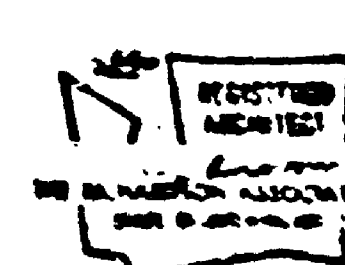


P22
 C 4"



P21
 3/4

FOR "AS CONSTRUCTED
 PLANS" ONLY



TRA KCB
 RECOMMENDED
 PEABODY
 APPROVES

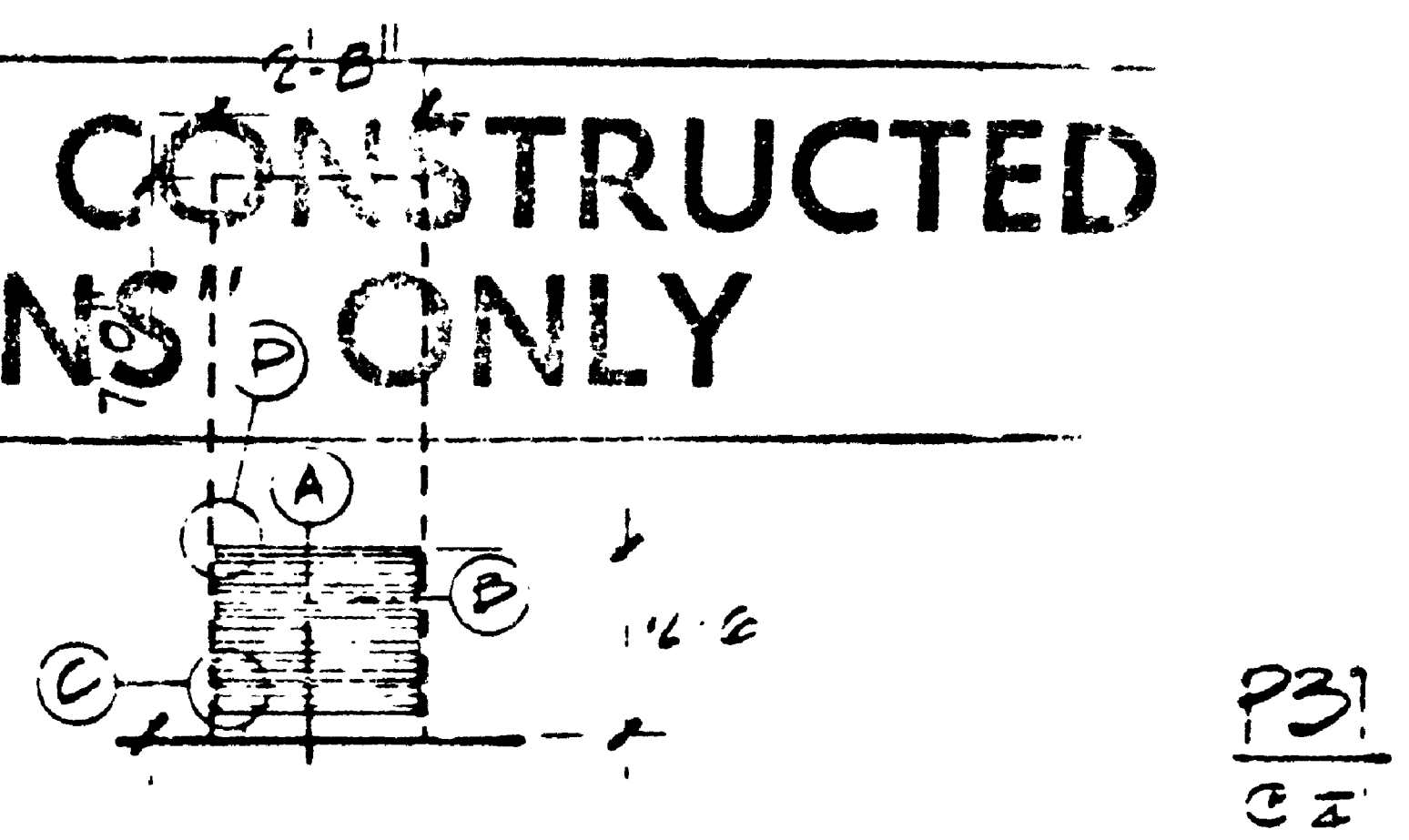
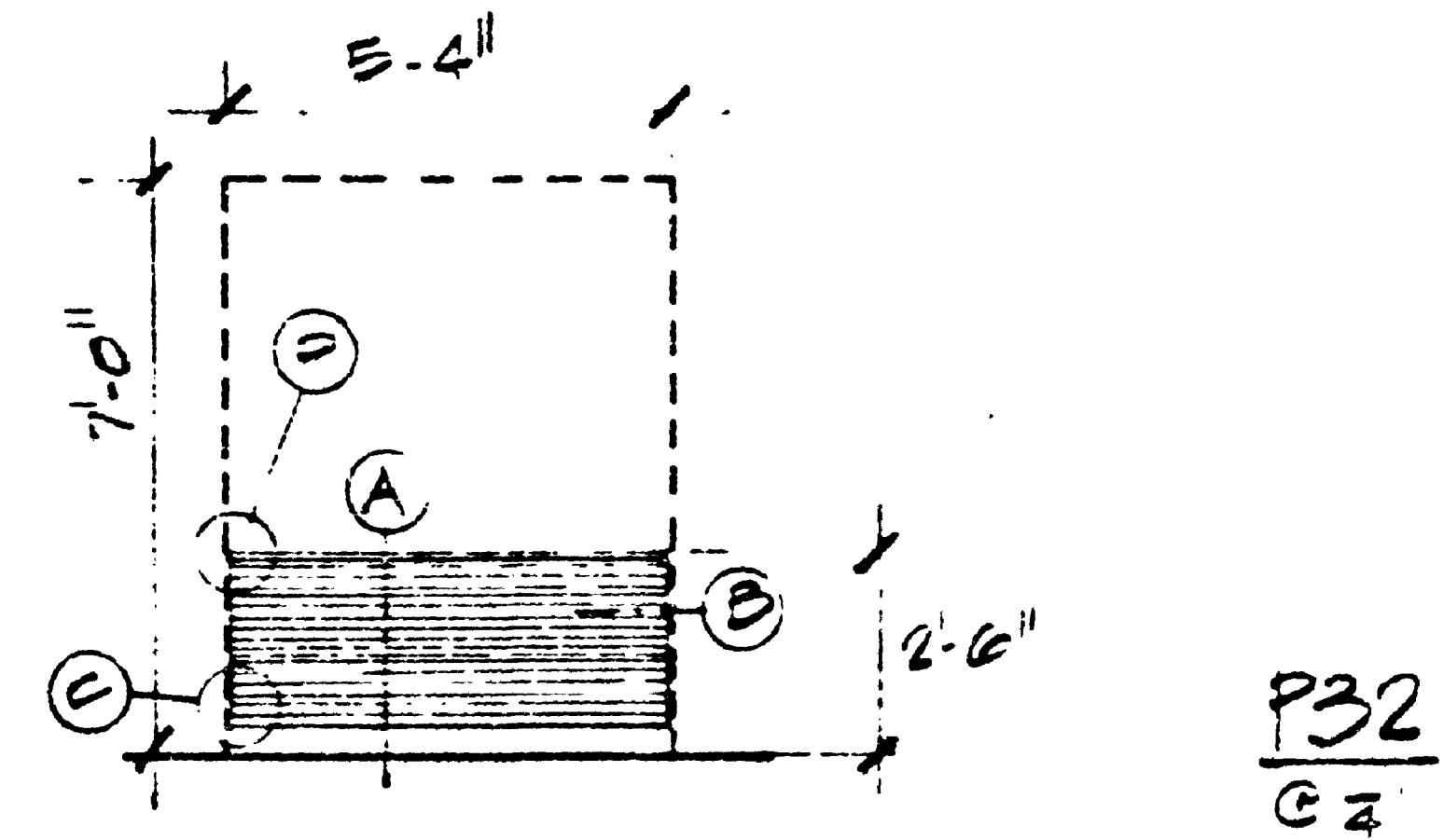
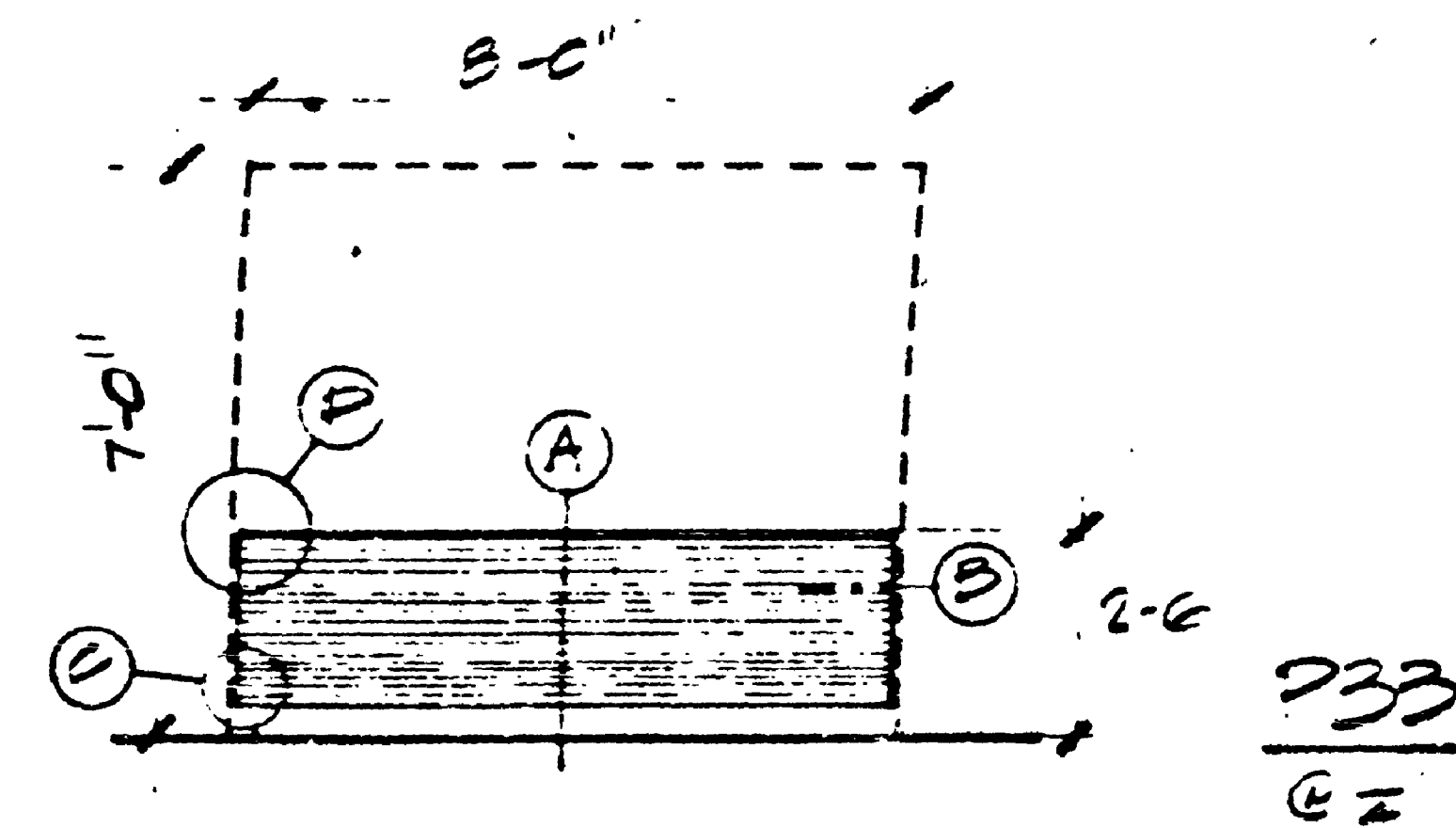
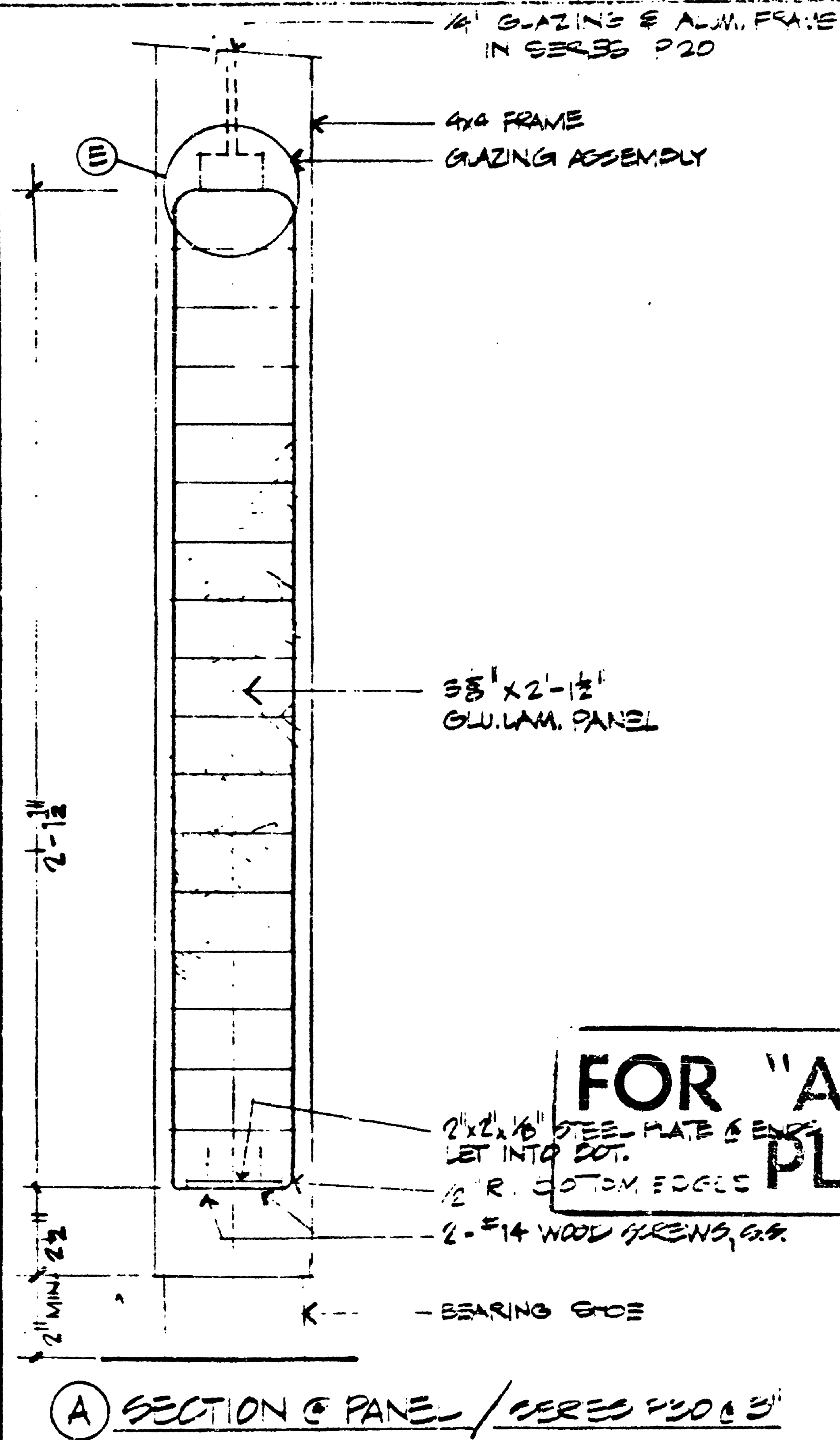
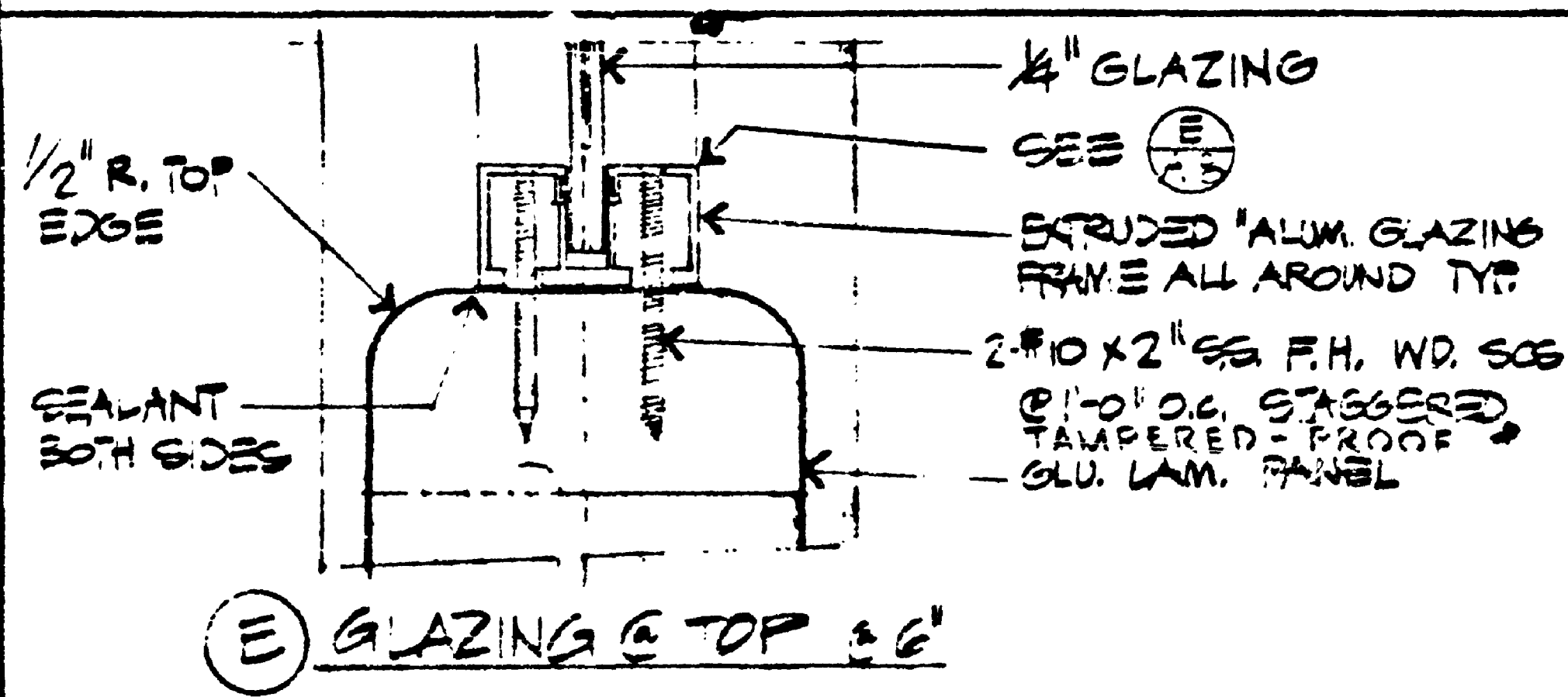
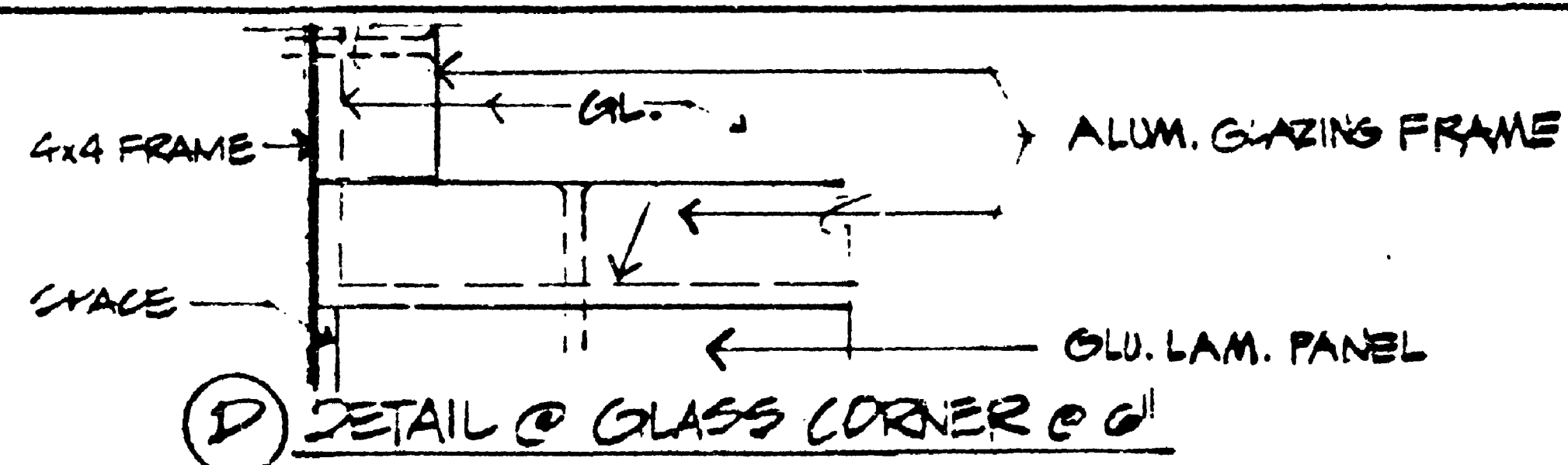
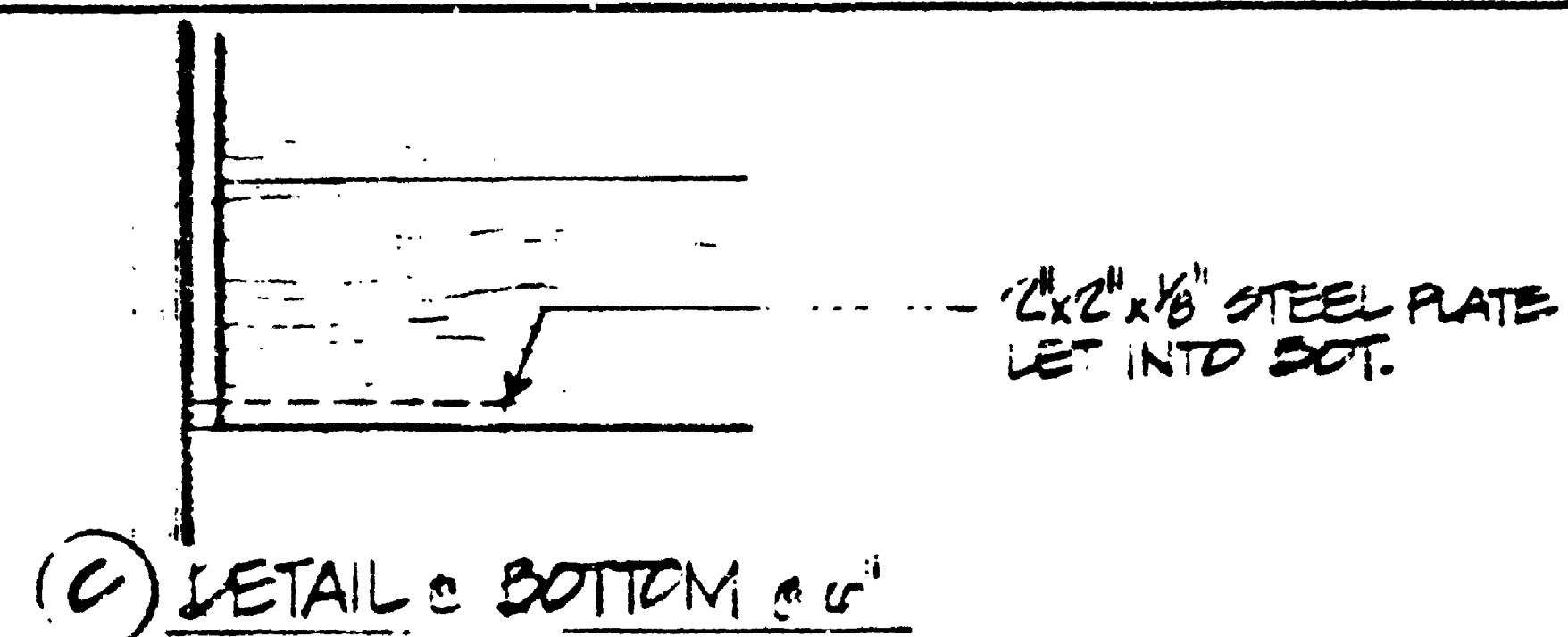
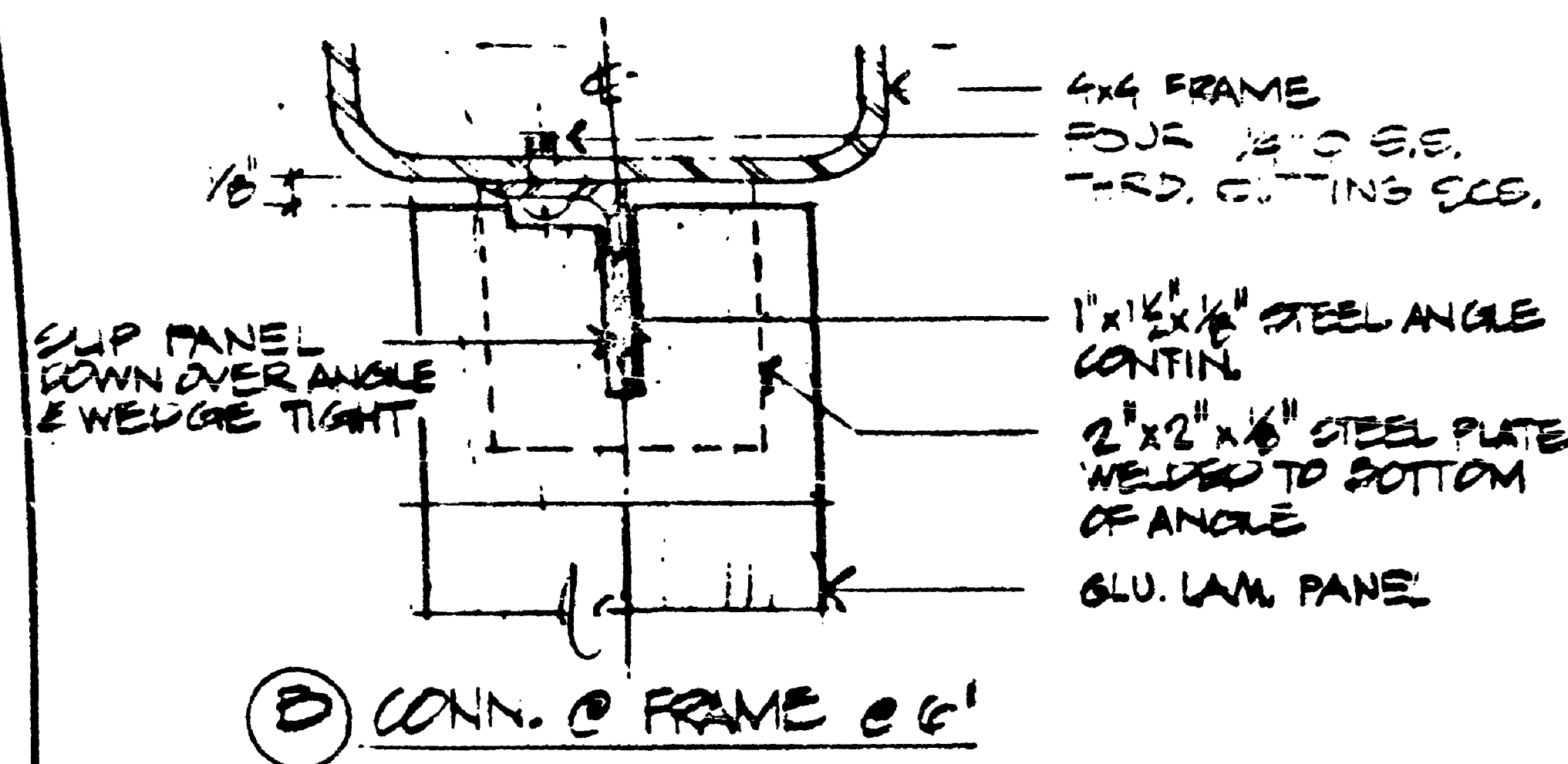
DIVISION
 TRANSIT

MUNICIPALITY OF METROPOLITAN SEATTLE

PANEL SERIES P20

CONTRACT # 1626
 DATE
 AUG. 1976
 SHEET
 2-3

SR 5/2350



**FOR "AS CONSTRUCTED
PLANS" ONLY**

REVISION
TRA KCB
RECOMMENDED
PEABODY
APPROVED
2/2/77

DIVISION
TRANSIT

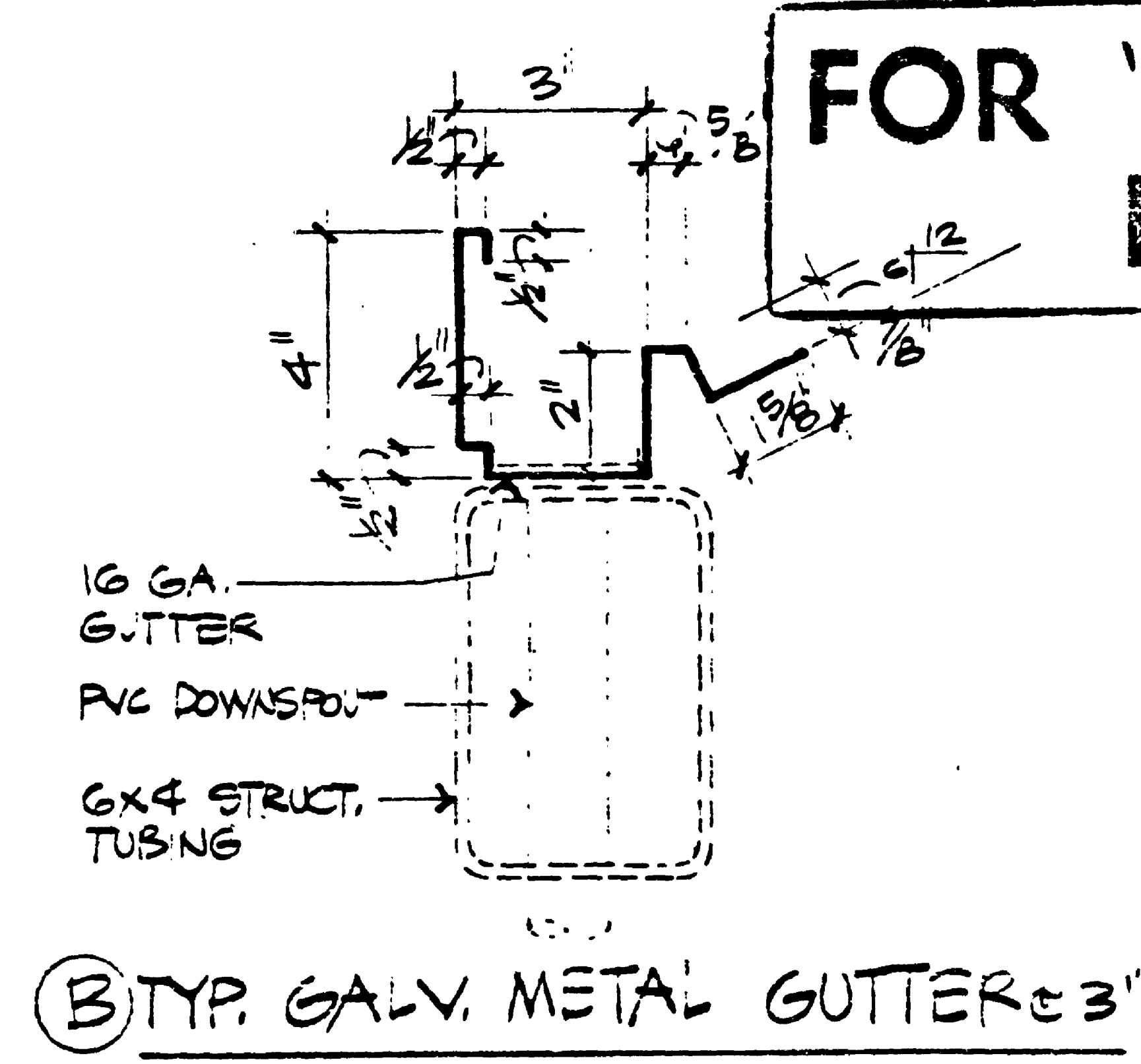
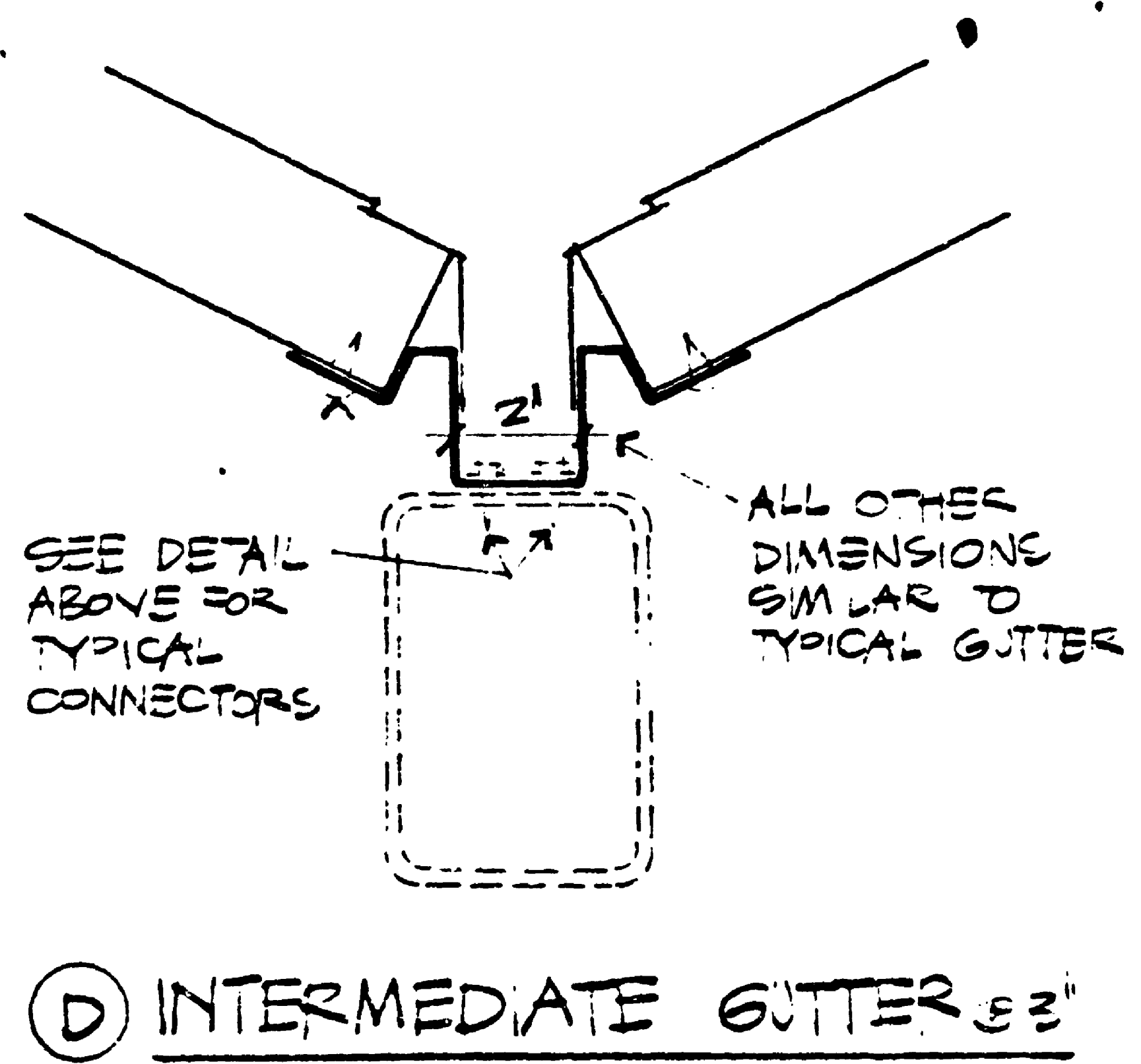
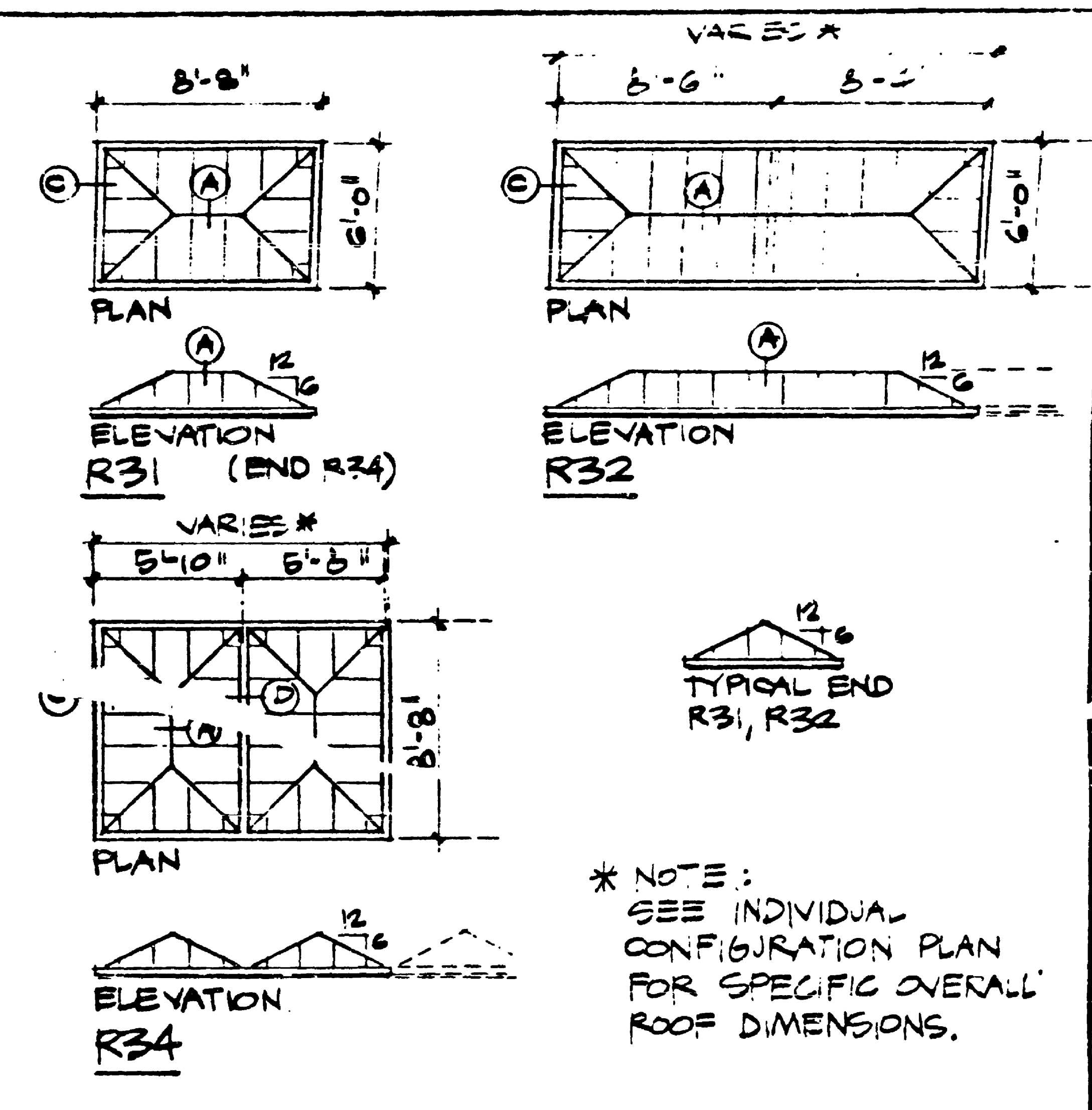
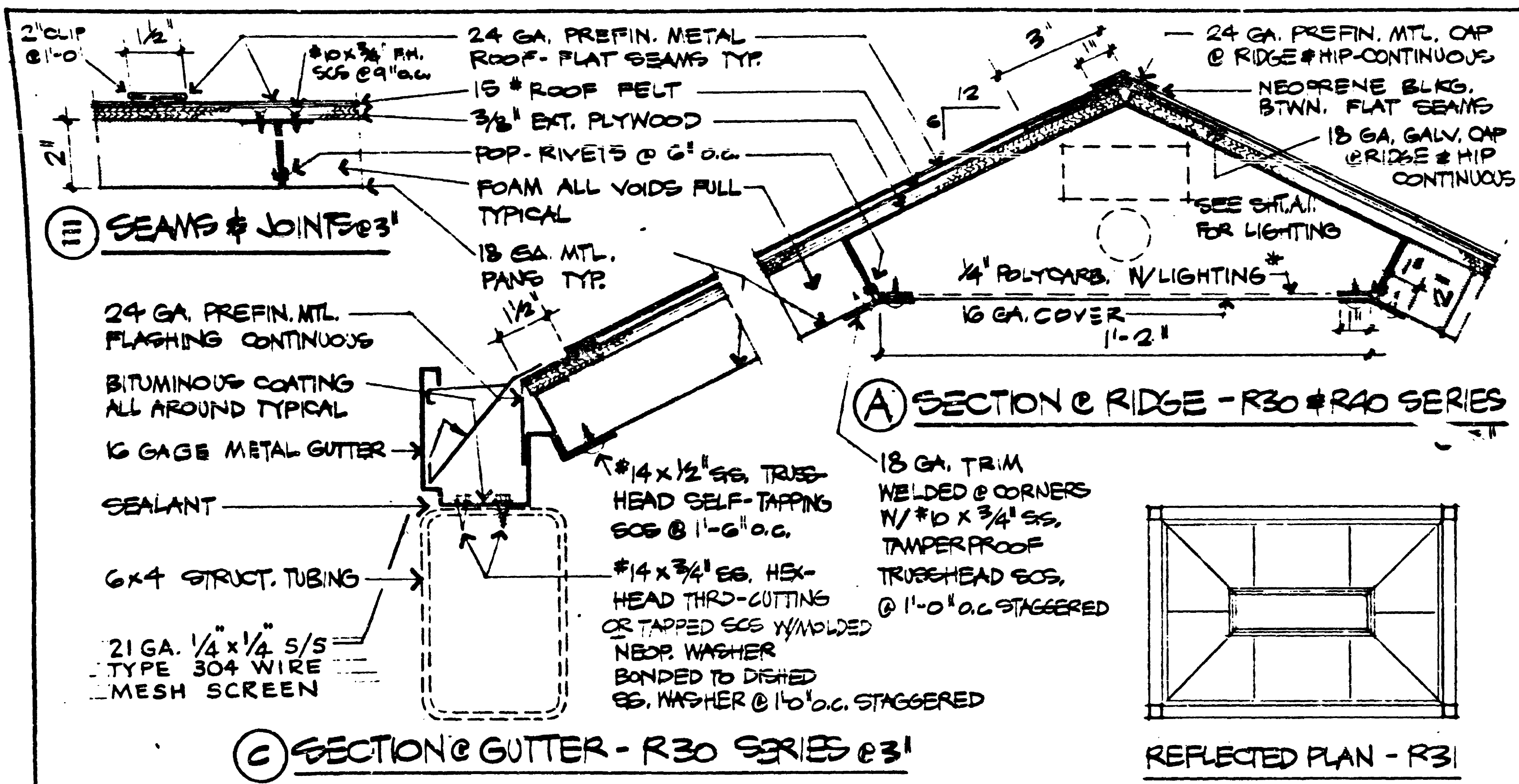
MUNICIPALITY OF METROPOLITAN SEATTLE

PANEL SERIES P30

DATE
AUG. 1976
FILE NO
SHEET 2-7

CONTRACT #1626

SR5/2350



FOR "AS CONSTRUCTED PLANS" ONLY

***NOTE**
 LIGHTING FIXTURE PROTECTIVE COVER MATERIAL SHALL BE 1/2" THICK, HIGH-IMPACT STRENGTH POLYCARBONATE, GENERAL ELECTRIC LEXAN, NO. 90318, OR APPROVED EQUAL. LUMINOUS CEILING MATERIAL ACQUISITION AND INSTALLATION SHALL BE RESPONSIBILITY OF THE GENERAL CONTRACTOR. INSTALLATION SHALL INCLUDE PROVIDING MOUNTING FRAME AND ALL RELATED HARDWARE AS INDICATED ON THE DRAWINGS. ELECTRICAL CONTRACTOR SHALL FULLY COORDINATE HIS WIRING AND LIGHTING FIXTURE MOUNTING AND INSTALLATION WITH THE GENERAL CONTRACTOR.

NOTE:
 ALL TAMPER PROOF CONNECTORS SHALL HAVE RECESSED SQUARE SOCKET HEADS.

CONTRACT # 1626

MUNICIPALITY OF METROPOLITAN SEATTLE

ROOF SERIES R30

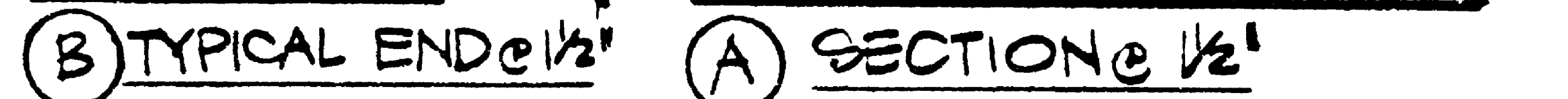
AUG. 1976

FILE NO

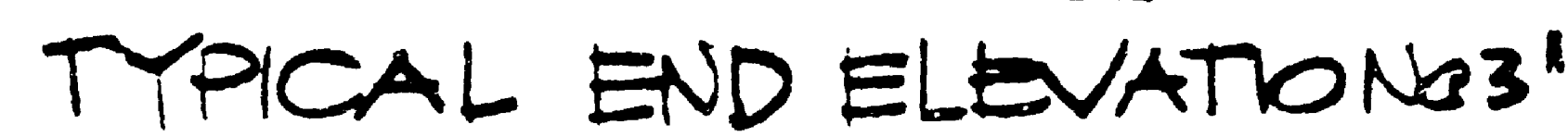
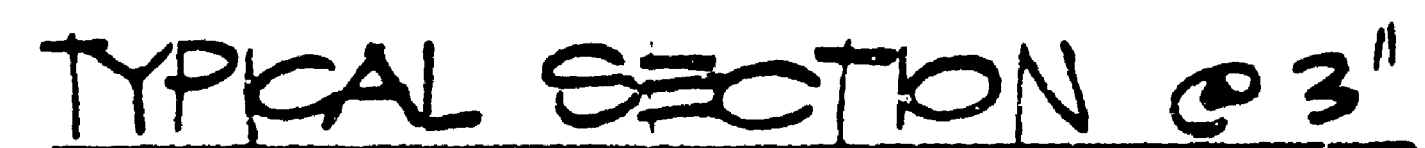
SHEET 4-9

SR5/2350

| | | |
|----------------------|---------|----------|
| REGISTERED ARCHITECT | TRA DL | DIVISION |
| RECOMMENDED | PEABODY | TRANSIT |
| APPROVES | | |



NOTE: THERE SHALL BE NO
514 BENCHES AT SITES WITH B3 FOOTINGS



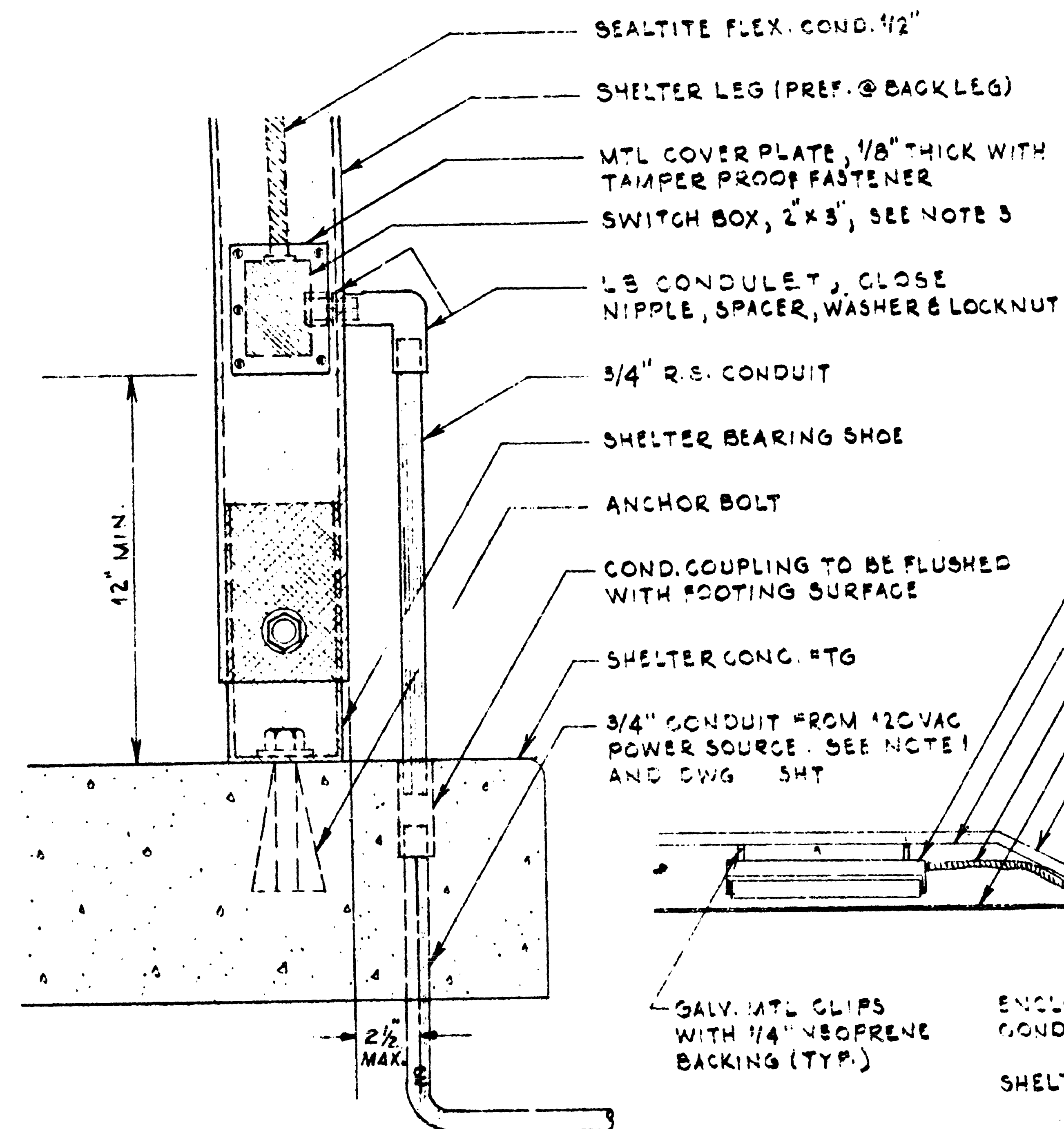
NOTE:
BENCH LEG TO
BE MOUNTED
VERTICAL - PROVIDE
LEAD SHIM & GROUT AS
REQ'D. _____



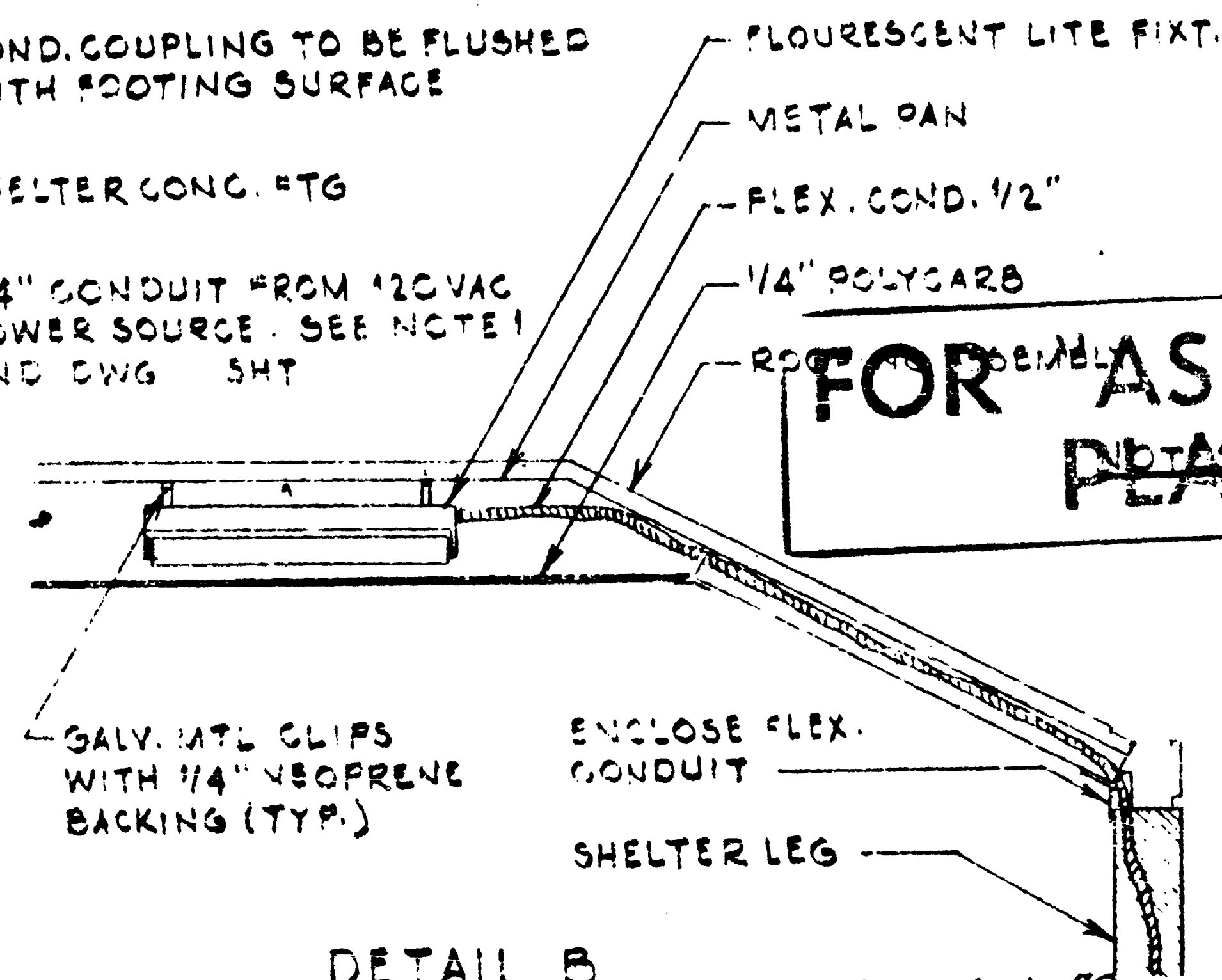
CONTRACT #1626

| | | | | |
|--|--|-------------------------------|--|---|
| | DESIGN TRA RECOMMENDED PEABODY APPROVES <i>[Signature]</i> | DESIGN DL DIVISION TRANSIT | MUNICIPALITY OF METROPOLITAN SEATTLE BENCH SERIES S10 | DATE AUG. 1976 FILE NO SHEET 4-10 |
| | NO RECOMMENDATION CLASSIFIED BY THE COUNCIL | | | |

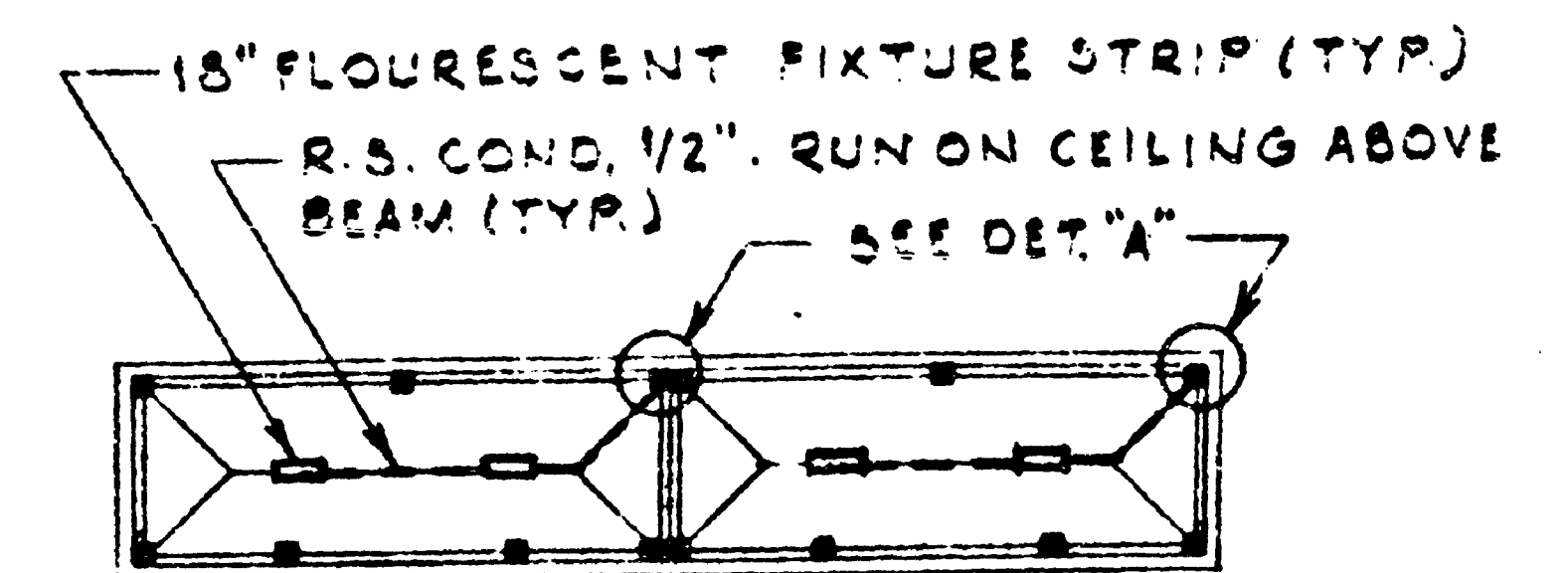
SR 5/2350



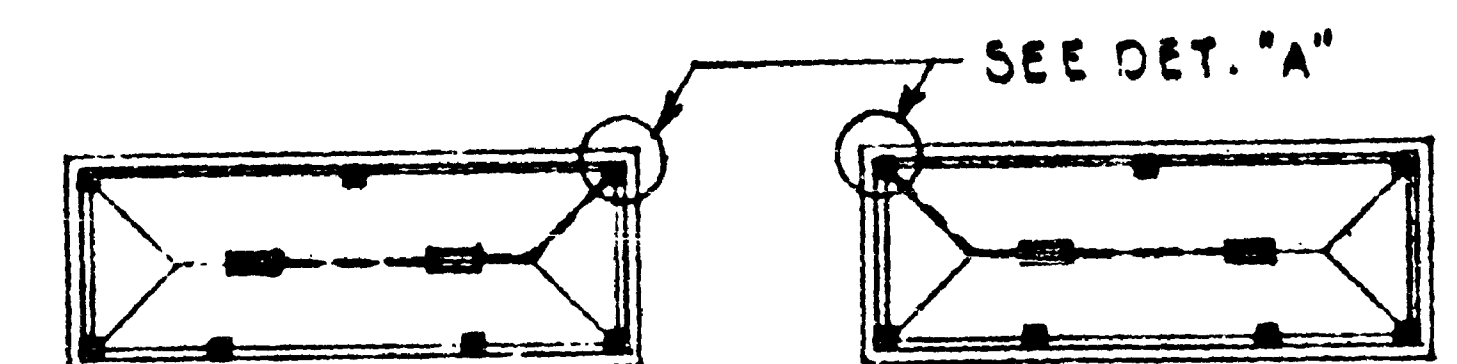
DETAIL A
NO SCALE



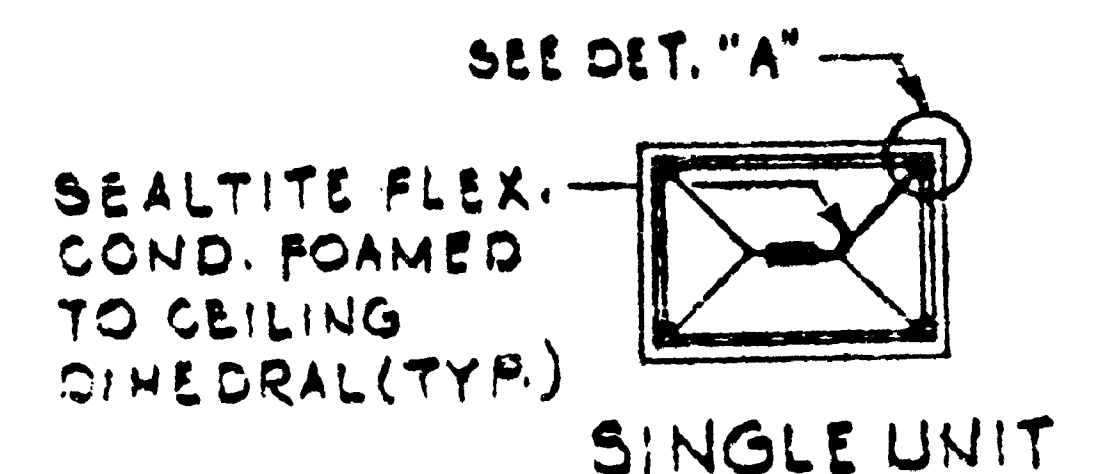
DETAIL B
NO SCALE



2-DOUBLE UNIT-NO SPACING



2-DOUBLE UNIT WITH SPACING



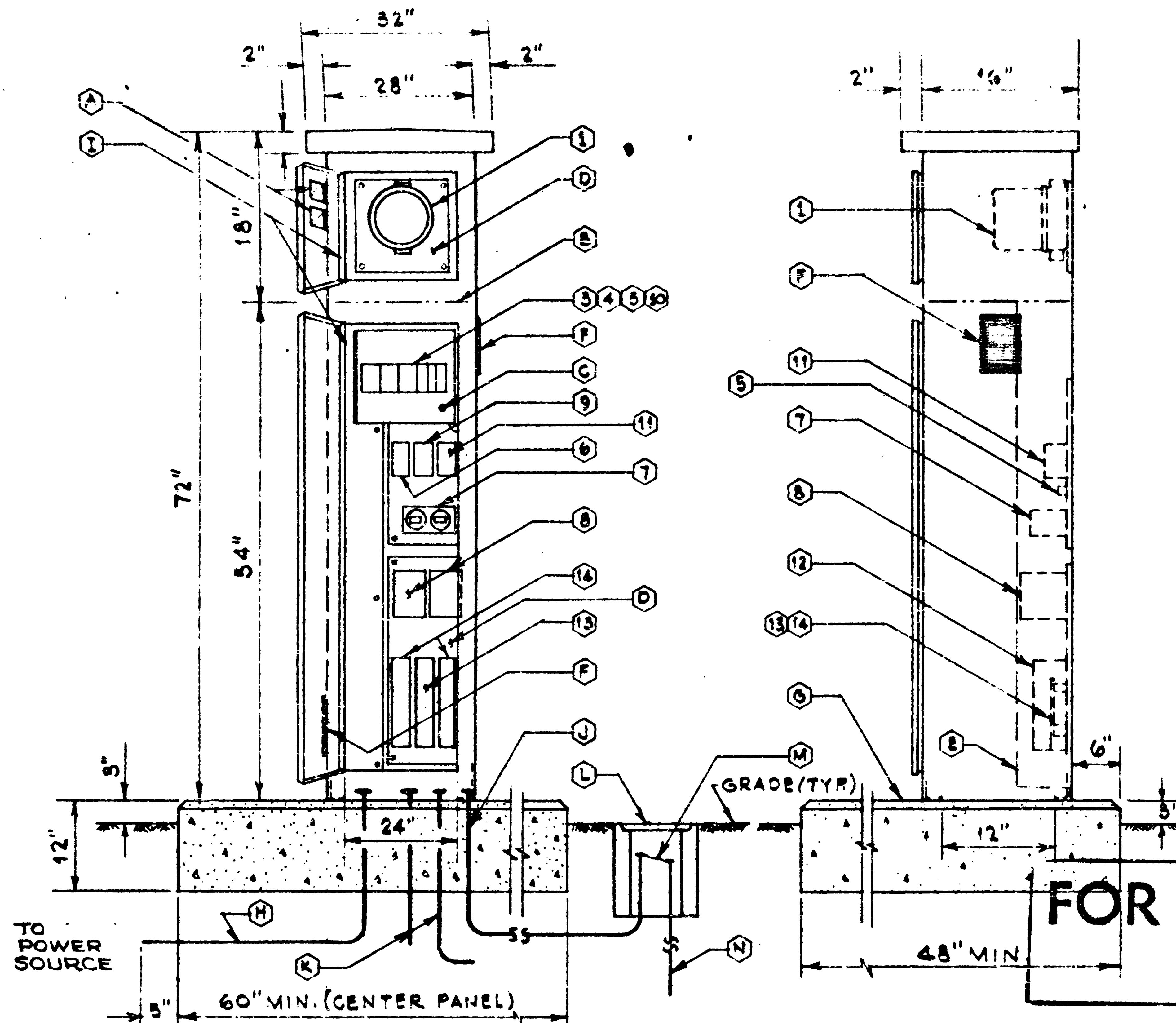
FOR "AS CONSTRUCTED PLANS" ONLY

1. FOR POWER SOURCE OF 240VAC OR 480 VAC, INSTAL PEDESTAL-MOUNTED ENCLOSURE (SEE SHT A-14) EQUIP W/ STEP-DOWN TRANSF. AND ELECT. PROTECTION.
2. FOR FLYER STOPS ONLY, INSTALL BUSS FUSETRON BOX-COVER SWITCH TYPE SSU IN SWITCH BOX.
3. STRAP ALL EXPOSED COND. SECURELY TO STRUCT. SEAL ALL AROUND DRILLED HOLES.

Rev. Letter 6-1-79

CONTRACT # 1626

| | | | | |
|--------|-------|----------|--------------------------------------|------------|
| DESIGN | DRAWN | DIVISION | MUNICIPALITY OF METROPOLITAN SEATTLE | DATE |
| 12 | PSM | | PASSENGER SHELTERS | FILE NO |
| | | | LIGHTING DETAILS | SHEET A-11 |



IDENTIFICATION:

- 1 Meter (By Utility) Base by Contractor
- 2 CT's by Utility When Required - Space by Contractor
- 3 Main Breaker per Panel Schedule
- 4 Control Breaker per Panel Schedule
- 5 Branch Breakers per Panel Schedule
- 6 Test Switch - SPST - 20 A., 125 V. "T" Rated
- 7 Elapsed Time Meters - Non-Reset 120 V. 99,999 Hrs.
- 8 Lighting Contactors 2P30A with 120 V. Coil
- 9 Receptacle - 20 A. 125 V., GFI
- 10 Receptacle Breaker per Panel Schedule
- 11 Thermostat - 40° F. Closure
- 12 Strip Heater - 100 W., 120 V.
- 13 Astronomical Time Clock with Carry-Over Feature DPST 40 A., 120 V. Paragon #4213-00SZ or equal.
- 14 7 Day Signal Initiated Time Clock with Carry-Over Feature. Off time adjustable by day. 2 NO & 1 NC Contact. 20 A., 120 V. Paragon #77211 or equal.
- A 2 - 4" x 6" polished-wire glass windows
- B Barrier
- C Hinged deadfront with quarter turn fastener
- D Component mounting pan. - size as required
- E Screw cover wireway for underground service
- F Screened vent - one each side
- G Concrete base Class B
- H Galvanized steel conduit with grounding bushing
- I All cabinet doors to use piano hinge
- J 1/2" conduit for ground connections
- K Conduit & wire as shown or required
- L J-20.1 Design "A" or "B" Handhole
- M #2 Ground wire Minimum - Larger if required
- N 3/4" x 10' Copper clad ground rod

NOTES:

1. Modified Type D cabinet 183W 120/240 V pad mounted open bottom (ref: WS. H dwg. J18C.1 left half) upper door w/padlock loop. (3 point handles) lower door - Best CX-3 lock. Raintight construction welded type seams, neoprene gasketed doors, 12 ga. stl. door to be fitted w/stops to permit being held in the open position. Paint per applicable specifications of Section C16.12. All components stencil identified. Wire per contract dwg. w/copper wire, lugs, lug pads & bus throughout.
2. Position components w/in cab. to accom. main pnl. & bkrs.

FOR "AS CONSTRUCTED" PLANS ONLY

Use most recent ref. publication

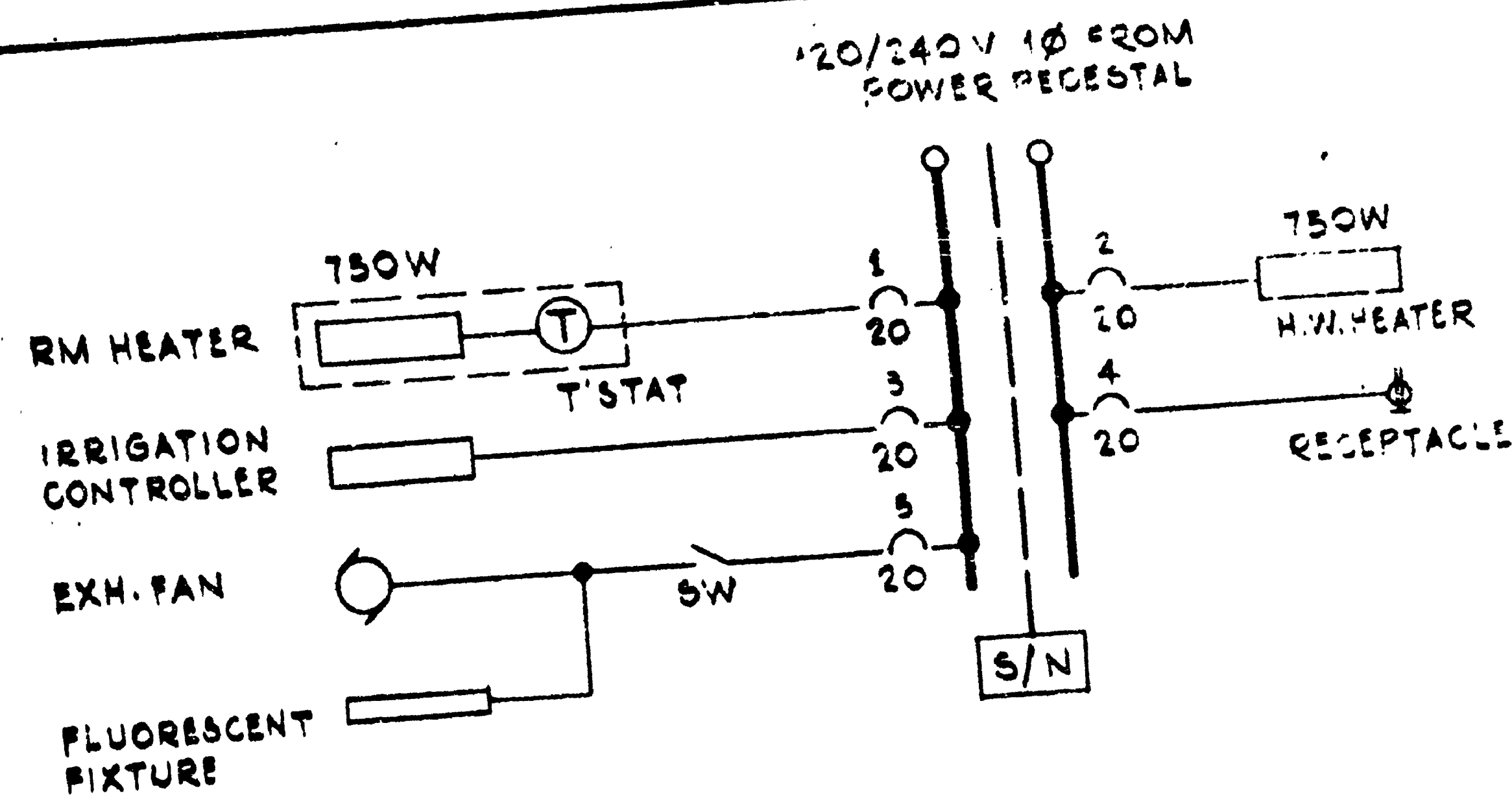
120/240 VOLT SERVICE PNL DET.
NC SCALE

Rev. Letter 6-1-79

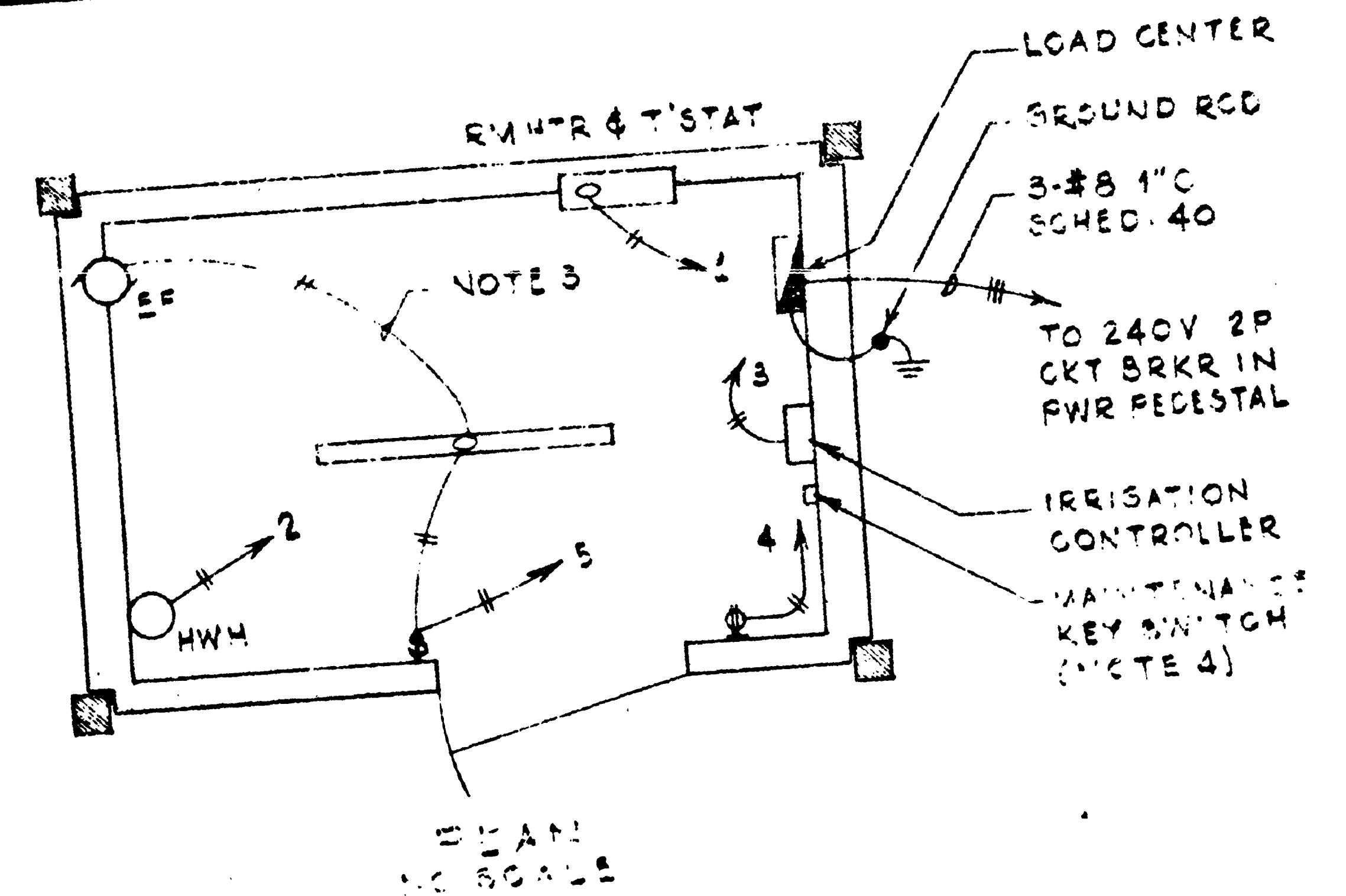
CONTRACT #1626

| DESIGN | DRAWN | DIVISION | MUNICIPALITY OF METROPOLITAN SEATTLE | DATE |
|--------|-------|----------|--------------------------------------|---------------|
| DJ | PSM | TRANSIT | PASSENGER SHELTERS POWER PEDESTAL | FILE NO. |
| | | | | SHEET A-13 |

SR 5/2350 10207765



ONE LINE DIAGRAM



NOTES:

1. CENTER OVER WATER CLOSET
2. LOCATE AS GENERALLY SHOWN ON DWG.
3. ALL WIRING #12 CU THN IN 1/2" R.S. CONDUIT, EXCEPT AS SHOWN.
4. PROVIDE ON-OFF MAINTENANCE KEY SWITCH FOR MANUAL CONTROL OF AREA LIGHTING. INSTALL PER CONSULTANT'S LIGHTING CONTROL DIAGRAM.

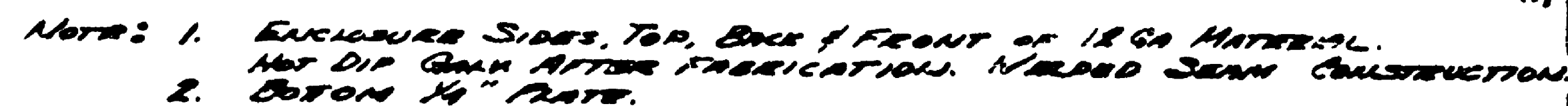
FOR "AS CONSTRUCTED PLANS" ONLY

| EQUIPMENT | SPECIFICATION | MTG HGT | NOTES |
|------------------------|---|---------------------|-------|
| LOAD CENTER | 8Q."D" 100A MLO 6 SPACE Q06-12S OR EQUAL. | 60" TO TOP (INSIDE) | - |
| HOT WATER HTR | 750W 120V 1 1/2 GAL. CAP. NATIONAL NSG-1 1/2. | SEE DWG | 2 |
| ROOM HTR | 750W FAN-FORCED 120V WALL-MOUNT INTEGRAL T'STAT, CHROMALOX NO. FWH-1751 OR EQUAL. | 56" TO TOP | 2 |
| EXHAUST FAN | 100VA 120V 175 CFM WALL-MOUNT OUTSIDE HOOD, NUTONE NO. 8070-AL OR EQUAL. | 72" TO E | 1 |
| FLUOR. FIXTURE | 120V 1-30W STRIP, KEYSTONE "ZIP-STRIP" CH130R OR EQUAL. | SEE DWG | 2 |
| SWITCH | SPST INTERVAL TIMER, ON/OFF, 120V, 138A 0-60 MIN - PARAGON # PP51-00 OR EQUAL. | 48" TO E | - |
| RECEPTACLE | 20A, 120V DUPLEX, HUBBEL NO 5252 | 8" " " | - |
| IRRIGATION CONTROLLER | RAINBIRD # RC-12A, AUTOMATIC IRRIGATION CONTROLLER OR EQUAL. | 42" TO BOTTOM | - |
| MAINTENANCE KEY SWITCH | CUTLER HAMMER # 100015112 | 20" TO E | - |

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|---------------|--------------|---------------------|---|--|
| DESIGN OGJ | DRAWN PSM | DIVISION TRANSIT | MUNICIPALITY OF METROPOLITAN SEATTLE DRIVER'S COMFORT STATIONS PARK & RIDE-ELECTRICAL | CONTRACT #1626 DATE FILE NO. SHEET A-12 |
|---------------|--------------|---------------------|---|--|

SR 5/25/2007



CONTRACT #1626

| | | | |
|------------------------|----------|--------------------------------------|------------|
| DESIGN DRAWN DJ PSM | DIVISION | MUNICIPALITY OF METROPOLITAN SEATTLE | DATE |
| | | FLYER STOP PASSENGER SHELTER | FILE NO. |
| | | PEDESTAL MTD ENCLOSURE | SHEET A-14 |

SR5/2350

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