

STATE OF ALASKA  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF PARKS  
 AND  
 OUTDOOR RECREATION

AS-BUILT PLANS

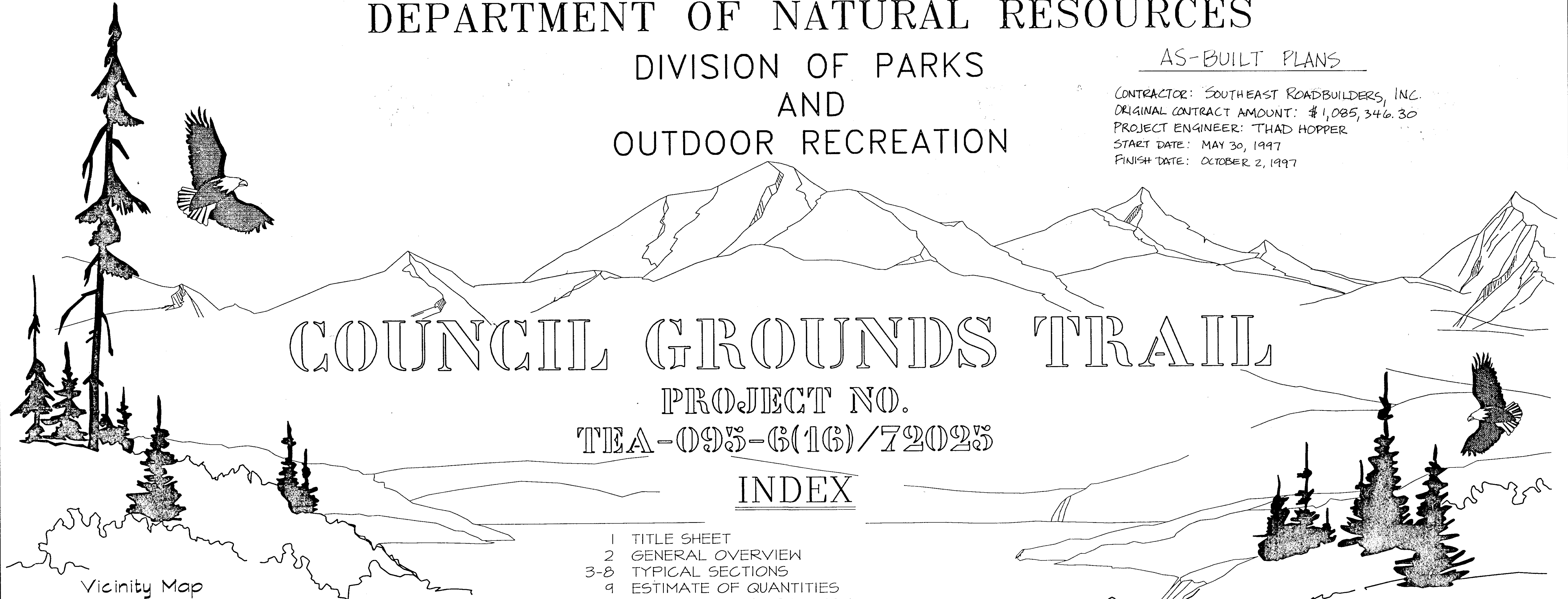
CONTRACTOR: SOUTHEAST ROADBUILDERS, INC.  
 ORIGINAL CONTRACT AMOUNT: \$1,085,346.30  
 PROJECT ENGINEER: THAD HOPPER  
 START DATE: MAY 30, 1997  
 FINISH DATE: OCTOBER 2, 1997

COUNCIL GROUNDS TRAIL

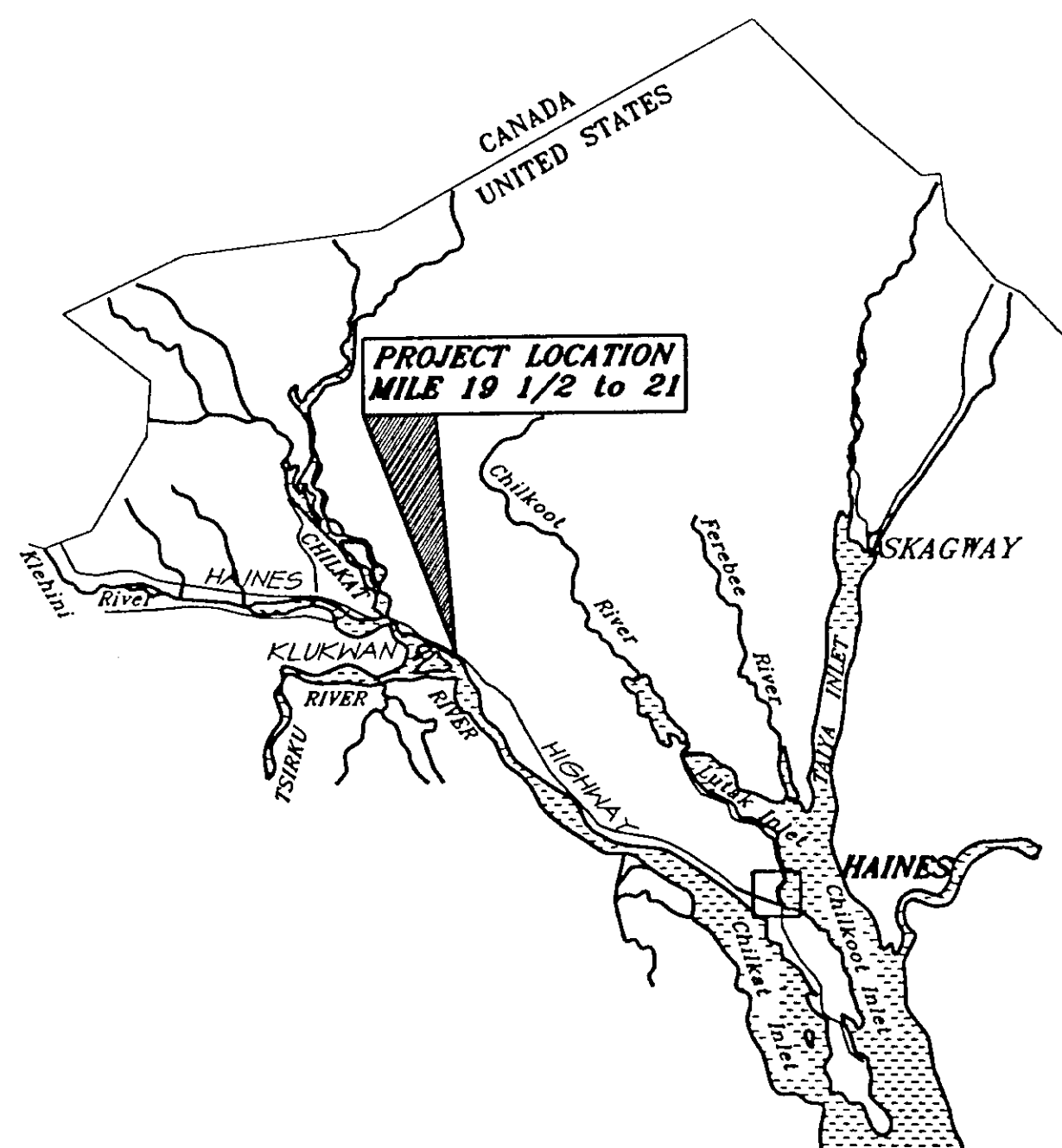
PROJECT NO.  
 TEA-093-G(16)/72023

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Vicinity Map



The following Division of Parks & Outdoor Rec. standard drawings apply to this project: S-3, S-10, S-11  
 The following DOT&PF standard drawings apply to this project: A-1, C-01.03, C-02.01, D-01.02  
 D-05.10, D06.01, D-23.00, D-24.00, D26.02, S-00.00, S-05.00, S-30.01, S-34.00, I-20.12

STATE OF ALASKA  
 Department of Transportation and  
 Public Facilities

Approved:

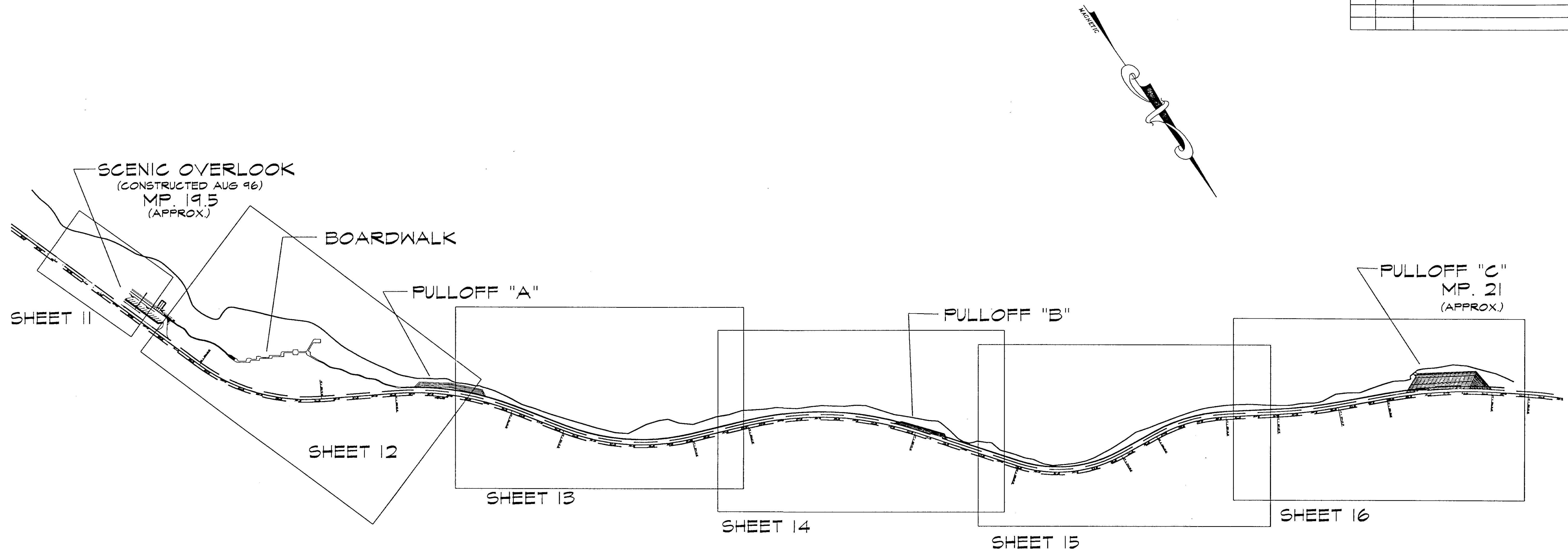
*Barry Bergdoll* 4/3/97  
 Barry Bergdoll Date  
 Director, Design and Construction

STATE OF ALASKA  
 Department of Natural Resources  
 Division of Parks & Outdoor Recreation

Approved:

*Jim Stratton* 1 April 97  
 Jim Stratton Date  
 Director, Alaska State Parks

| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 02        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



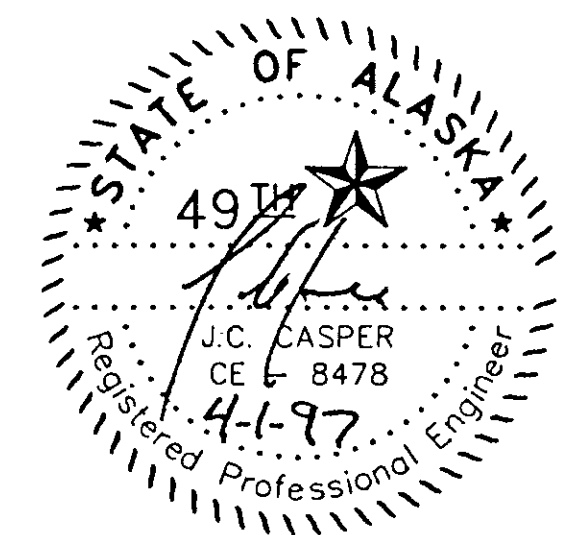
GENERAL NOTES:

1. THE ESTIMATED QUANTITY OF CLEARING AND GRUBBING IS 4.7 ACRES
2. THE ESTIMATED QUANTITY OF UNCLASSIFIED EXCAVATION IS 3,000 C.Y.
3. TRANSITION LENGTH BETWEEN TYPICAL SECTIONS SHALL BE 50 L.F.
4. VERTICAL CURVE LENGTHS SHALL BE 60 L.F.
5. ALL TYPICAL SECTIONS ARE SHOWN LOOKING DOWN STATION.

BASIS OF CONTROL

HORIZONTAL: THE BASIS OF BEARING IS N. 11° 49' 27" W. FROM THE HAINES HIGHWAY CENTERLINE MONUMENT STATION H277+95.42 TO THE HAINES HIGHWAY CENTERLINE MONUMENT STATION H294+39.42.

VERTICAL: THE BASIS OF VERTICAL CONTROL IS THE USCGS MONUMENT, "MI", LOCATED AT STATION H292+31, 64.6 L WITH AN ACCEPTED ELEVATION OF 101.37'.



DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF PARKS AND OUTDOOR RECREATION STATE OF ALASKA

COUNCIL GROUNDS TRAIL  
PROJECT No.  
TEA-095-6(16)/72025

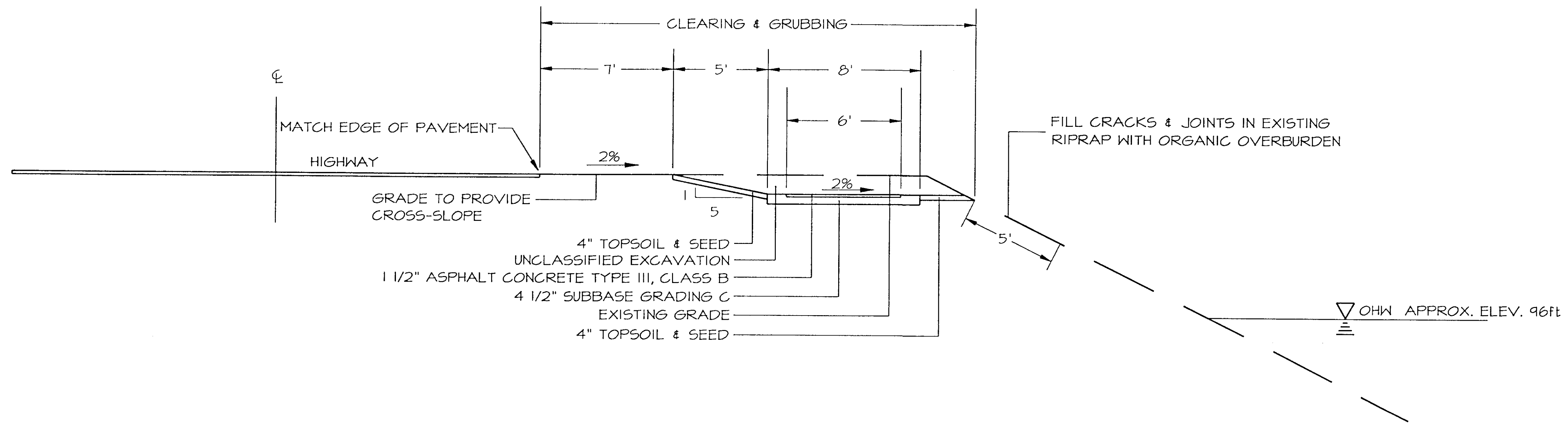
Not to Scale

GENERAL OVERVIEW

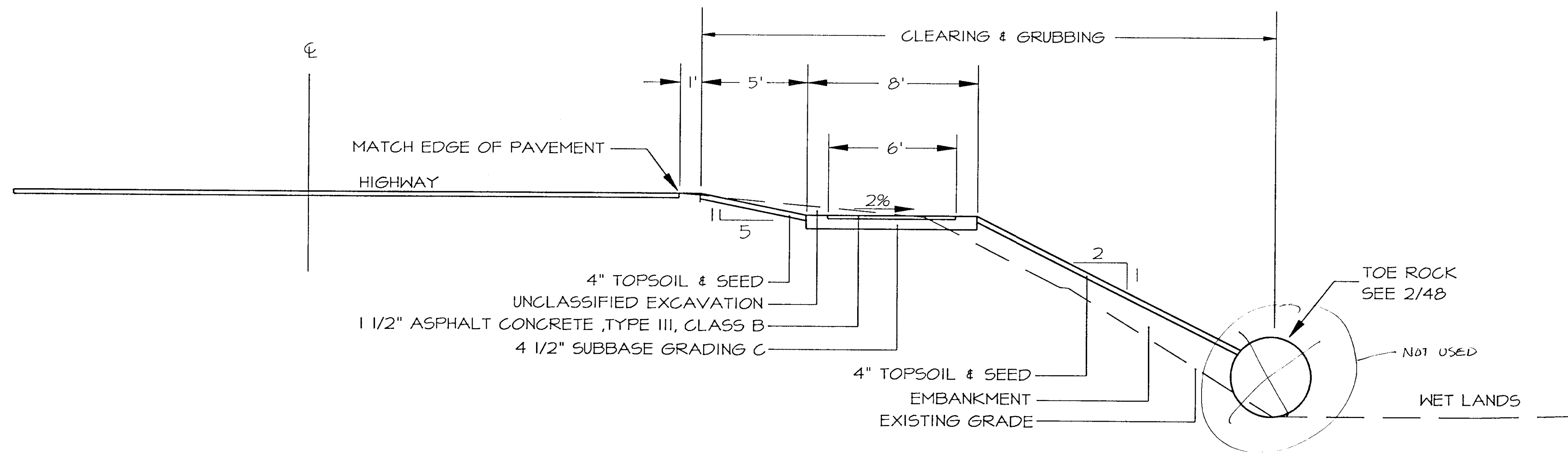
PREPARED: fjb  
DRAWN: AW  
REVIEWED: JC  
DATE: FEB 97

SHEET  
02  
OF 50 SHEETS

| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 03        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



1  
03 TYPICAL SECTION STA. H338+25 TO H343+50 313+50 TO 316+15



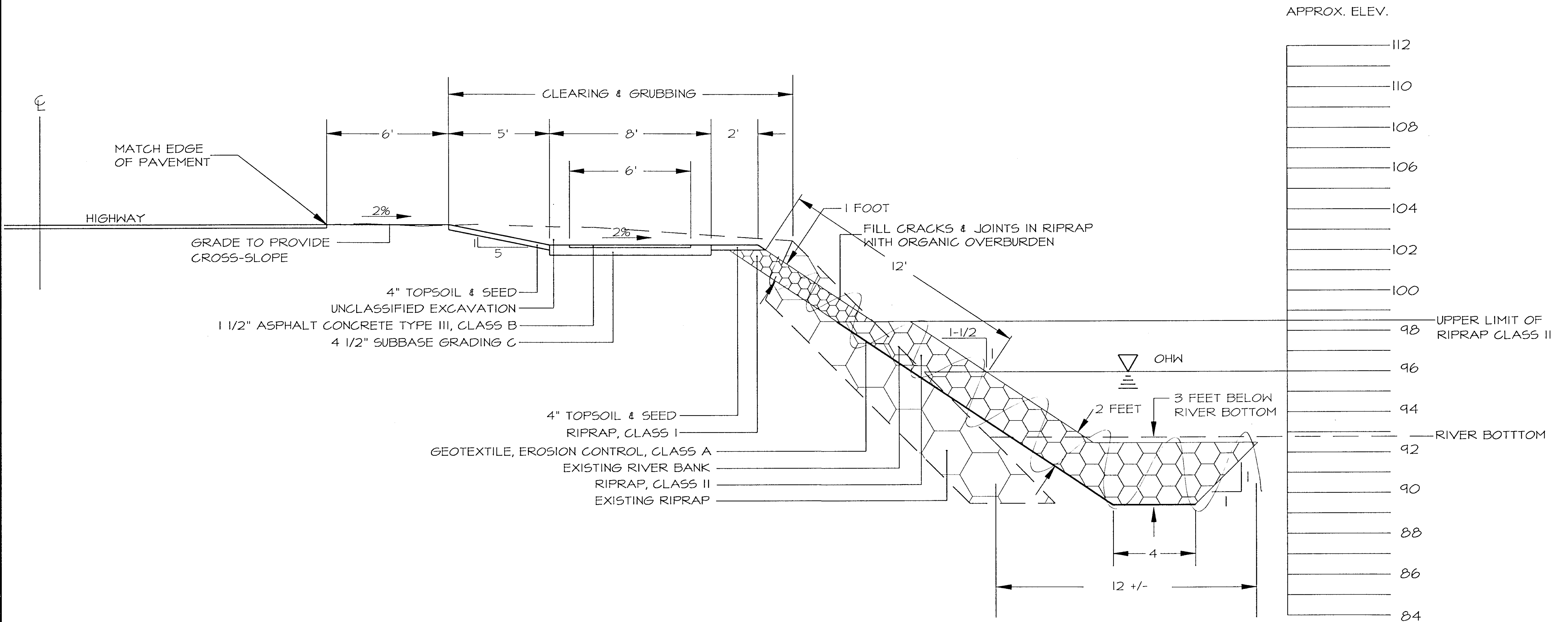
2  
03 TYPICAL SECTION STA. H322+50 TO H328+50



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 04        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

**NOTES:**

1. ALL ELEVATIONS ARE +/- 1 FOOT. ELEVATIONS GIVEN ARE FOR STATION H315+00.
2. USE EXISTING RIPRAP FOR KEY BEFORE PLACING ANY NEW RIPRAP CLASS II.

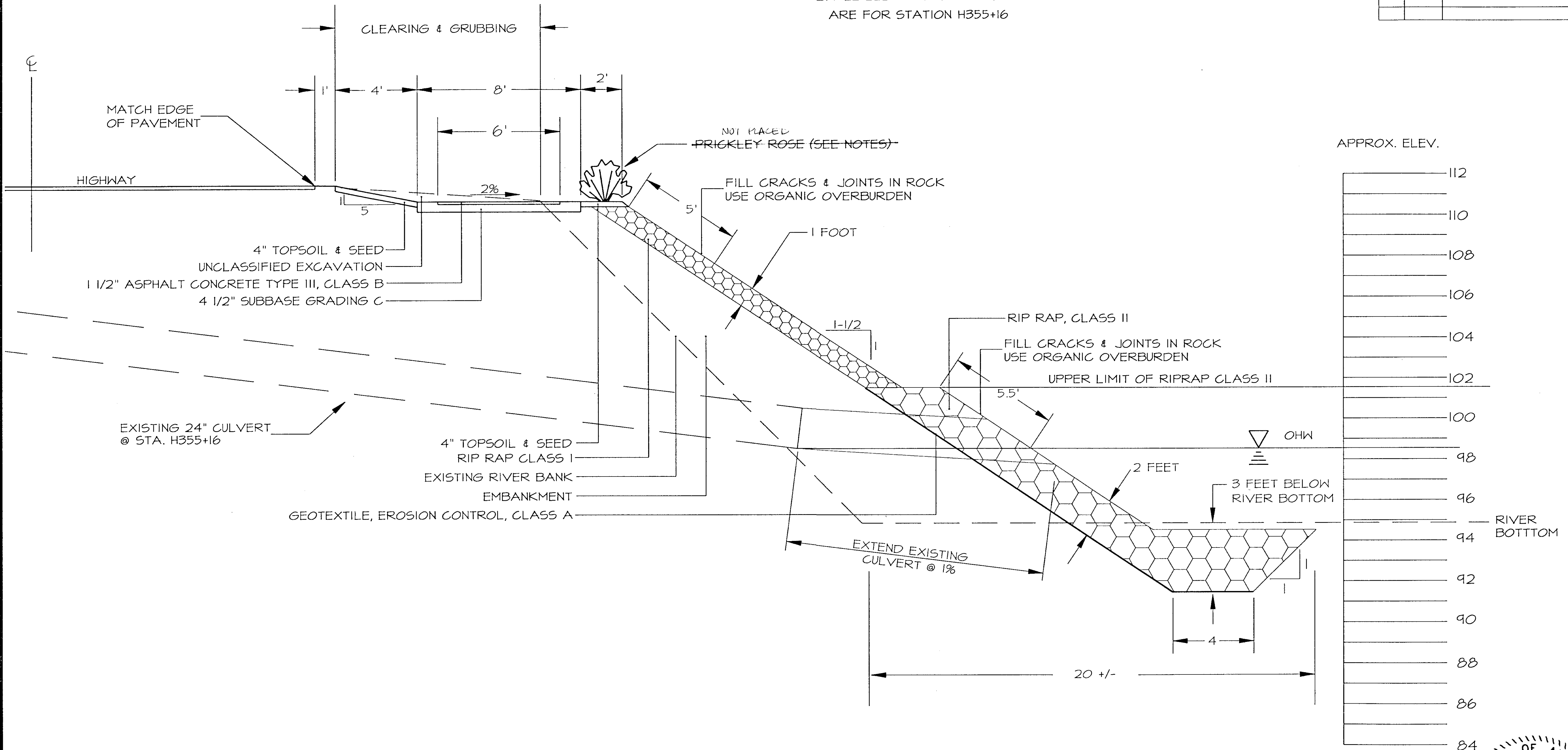


1  
04 TYPICAL SECTION STA. H313+50 TO H316+75

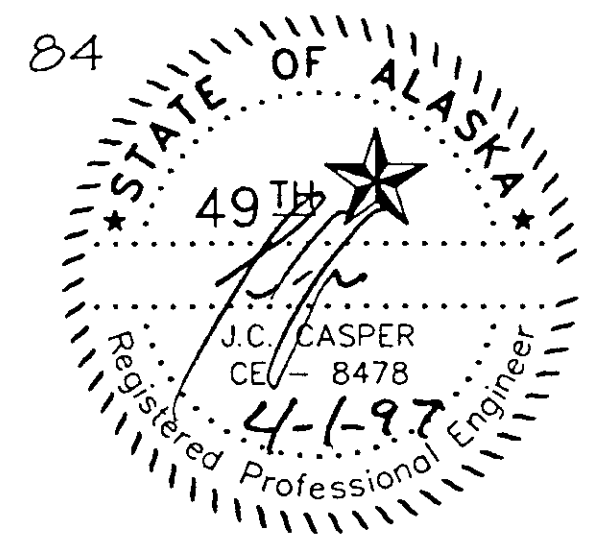


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/12025 | 1996        | 05        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

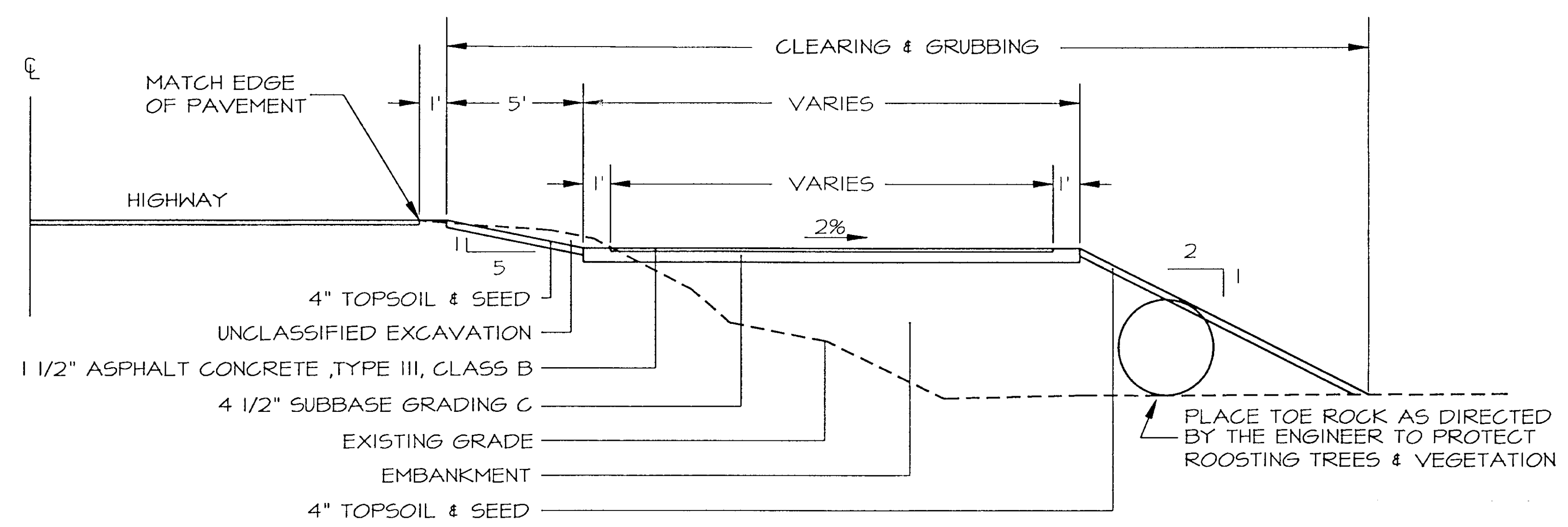
**NOTES:**  
 1. PLANT PRICKLY ROSE TWO FOOT ON CENTER FULL LENGTH OF TYPICAL SECTION. SEE 29/50 FOR PLANTING DETAIL.  
 2. ALL ELEVATIONS ARE +/- 1 FOOT. ELEVATIONS GIVEN ARE FOR STATION H355+16



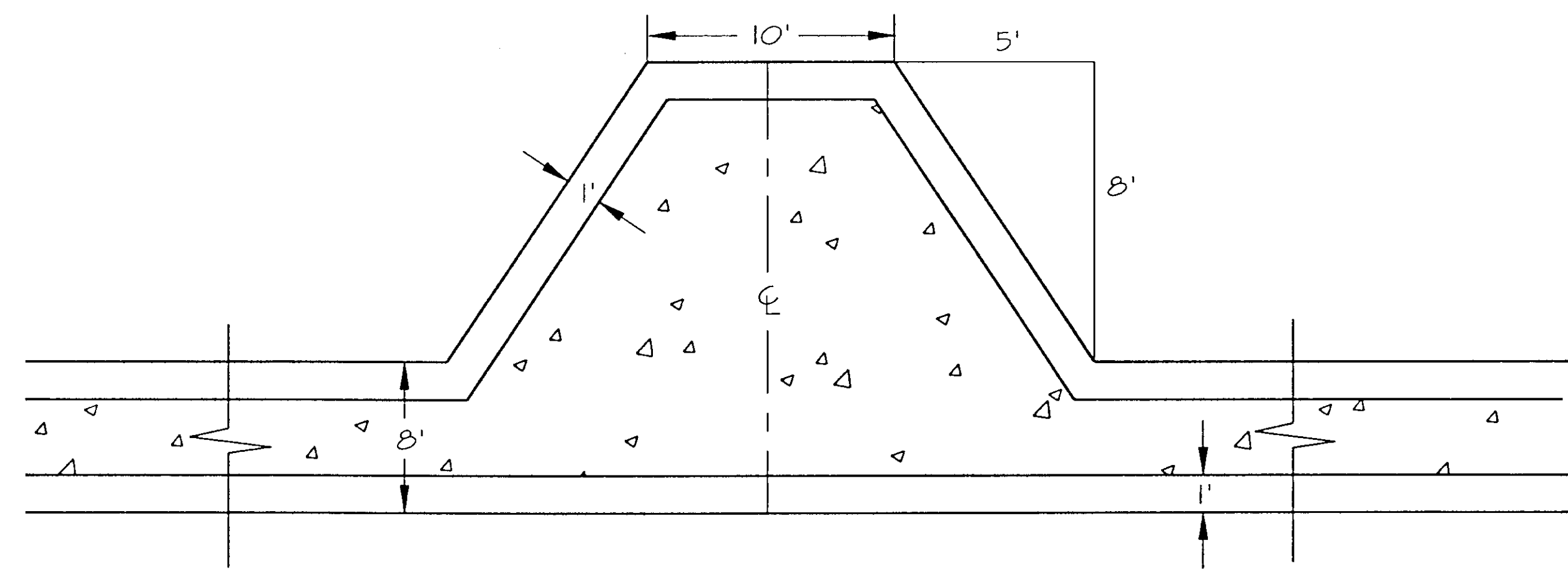
1  
05 TYPICAL SECTION STA. H354+75 TO H355+50



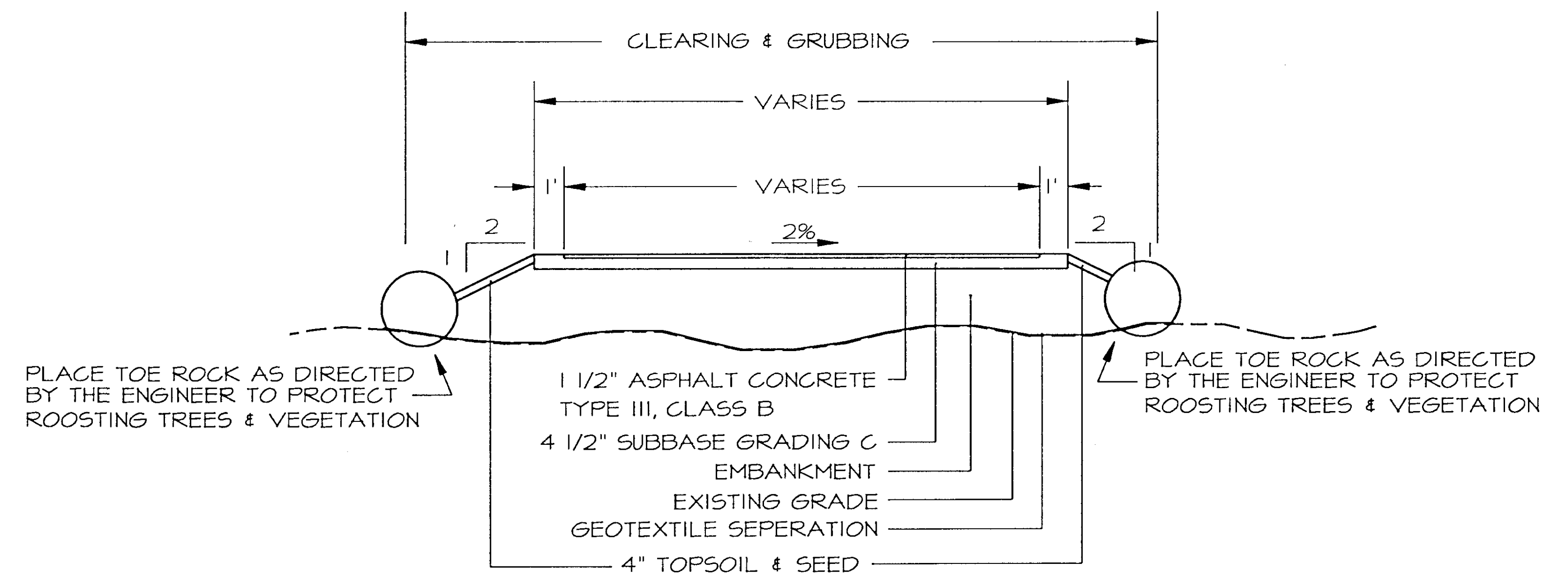
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|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 06        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



**1** TYPICAL SECTION FOR TRAIL WIDENING H - LINE  
**06** STA. H327+75, STA. H331+60, STA. H337+30, STA. H345+00  
 (STATIONING GIVEN FOR CENTER OF PLAN VIEW)



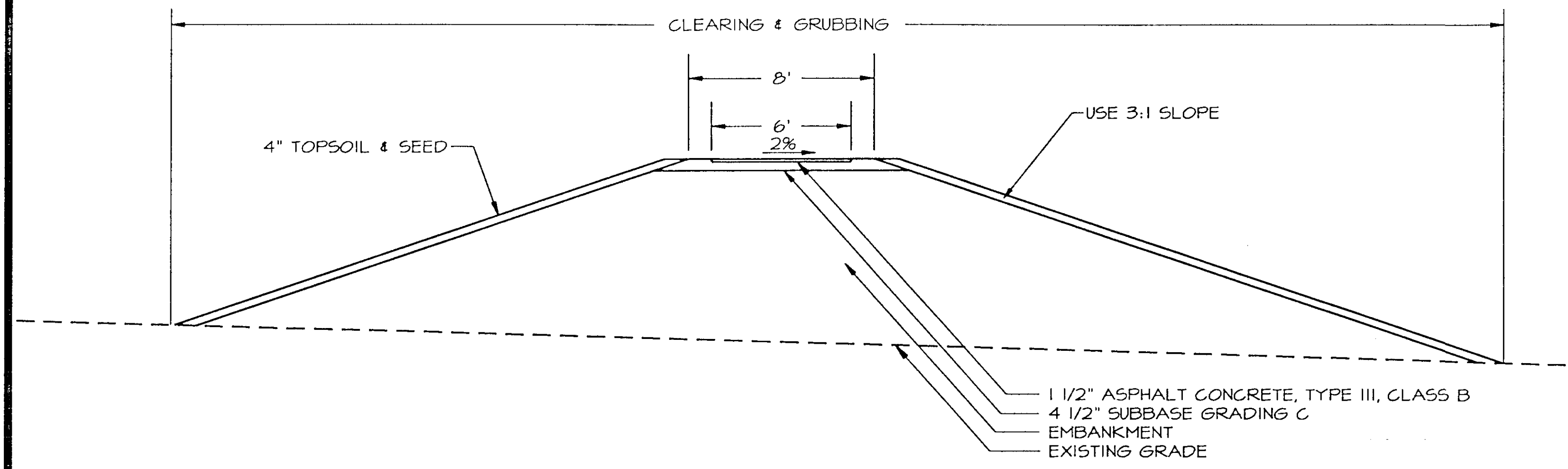
**2** TYPICAL PLAN VIEW FOR TRAIL WIDENING  
**06** STA. T3+01, STA. T4+72  
 STA. H327+75, STA. H331+60, STA. H337+30, STA. H345+00



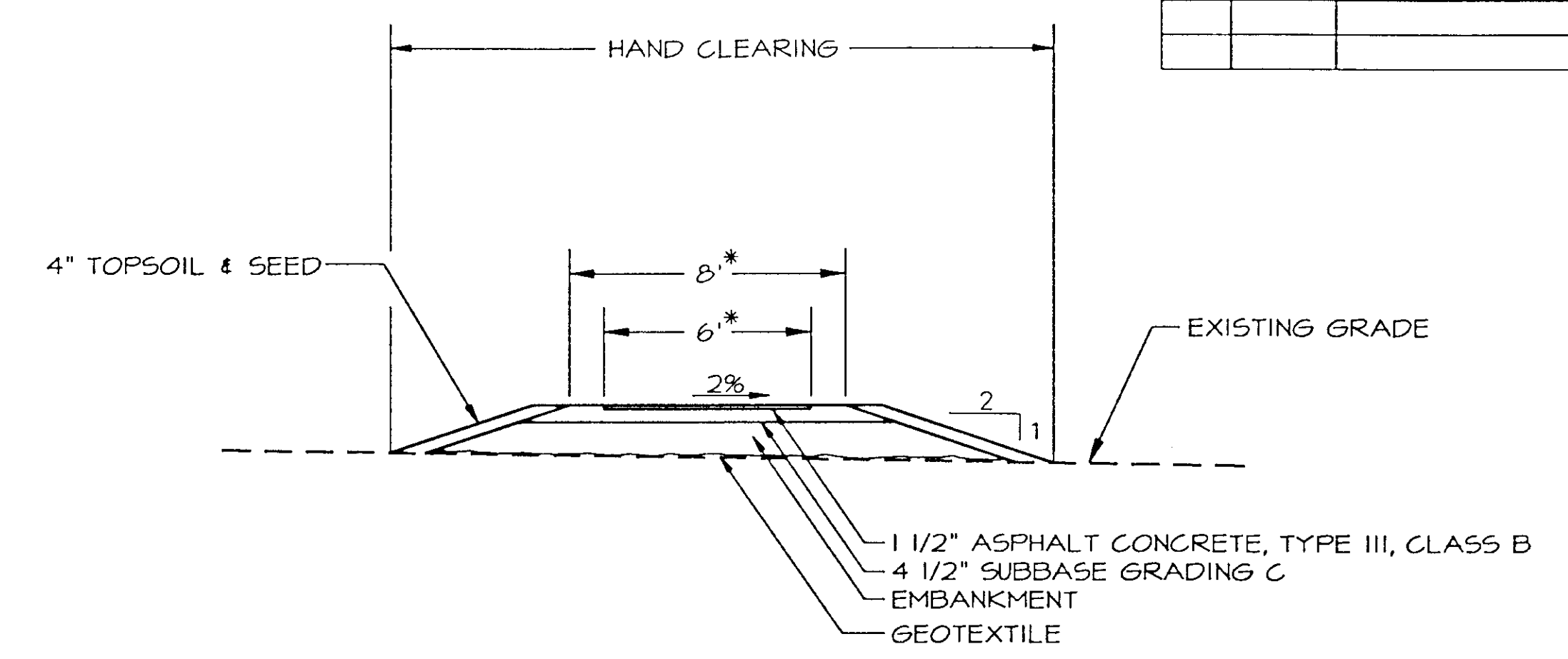
**3** TYPICAL SECTION FOR TRAIL WIDENING T - LINE  
**06** STA. T3+01, STA. T4+72  
 (STATIONING GIVEN FOR CENTER OF PLAN VIEW)



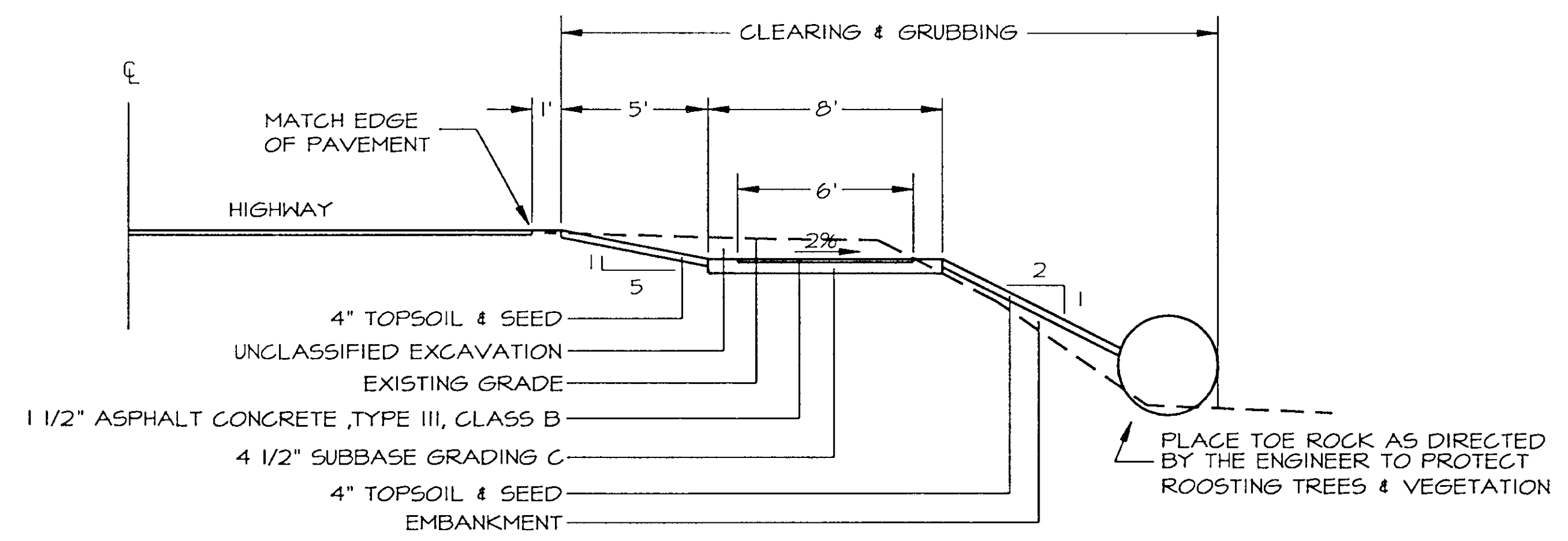
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 07        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



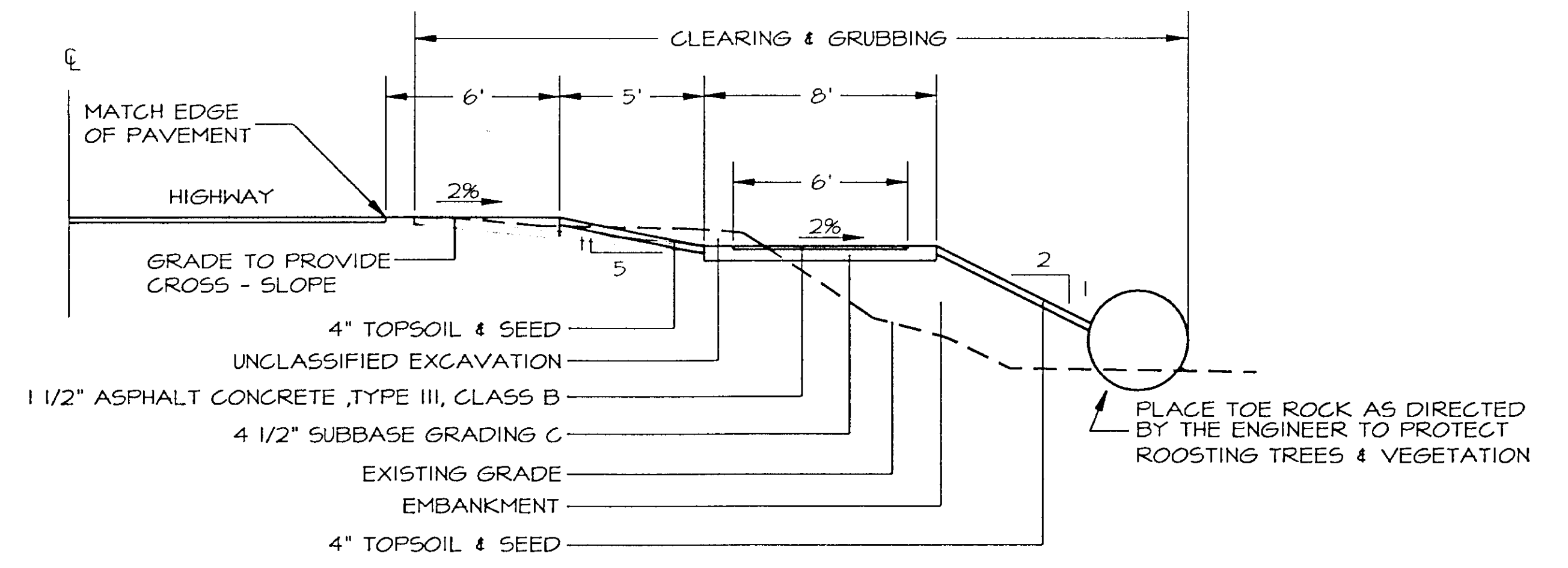
1 TYPICAL SECTION STA. T1+00 TO T2+75



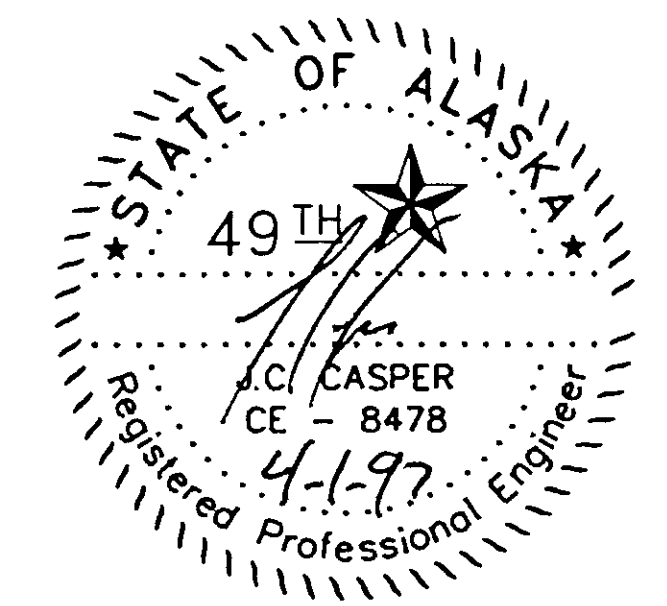
2 TYPICAL SECTION  
 STA. T2+75 TO T6+38.44, STA. T10+41.94 TO T12+35.04  
 \*WIDTH VARIES @ WIDENED AREAS SEE 2/06



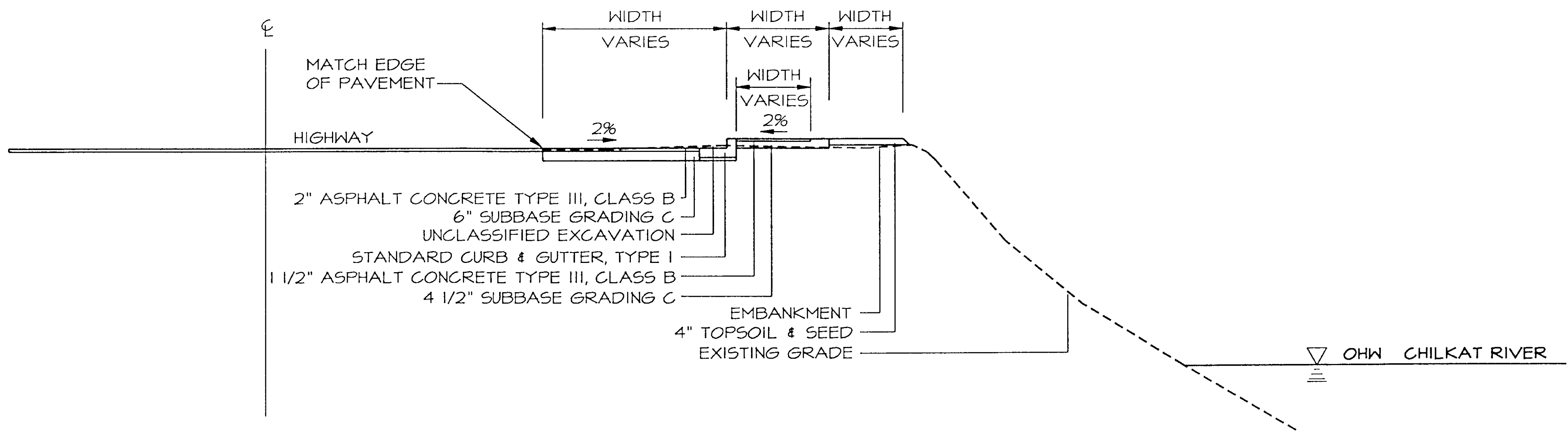
3 TYPICAL SECTION  
 STA. H335+64 TO H336+75, STA. H345+00 TO H354+75, STA. H355+50 TO H358+50



4 TYPICAL SECTION  
 STA. H303+25 TO H306+00, STA. H310+00 TO H313+50, STA. H316+75 TO H322+50  
 STA. H328+50 TO H332+00, STA. H336+75 TO H338+25, STA. H343+50 TO H345+00  
 STA. H358+50 TO H360+00

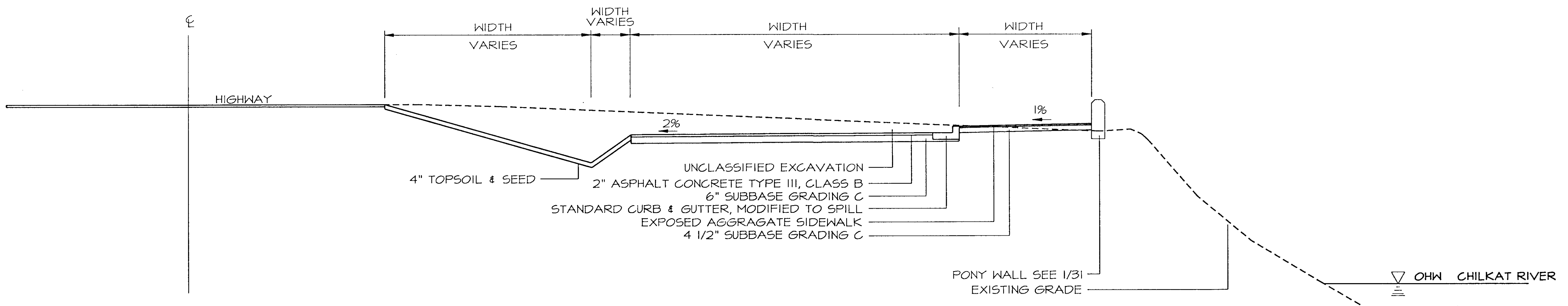


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 08        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



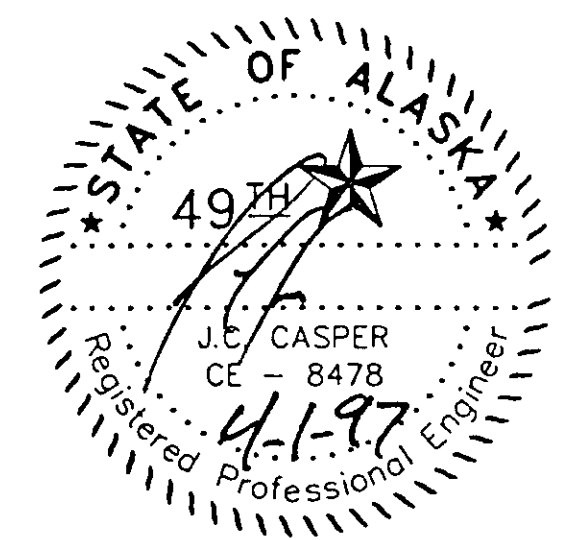
NOTE: SAW CUT PAVEMENT 6" FROM EDGE OF HIGHWAY PAVEMENT AND TACK COAT.

1 TYPICAL PULL-OFF SECTION H306+00 TO H310+00 AND H332+00 TO H335+64  
 CROSS SECTION SHOWN IS STA. H362+37



NOTE: SAW CUT PAVEMENT 6" FROM EDGE OF HIGHWAY PAVEMENT AND TACK COAT.

2 TYPICAL PULL-OFF SECTION H360+00 TO H364+90  
 CROSS SECTION SHOWN IS STA. H362+37





|           |                     |             |           |              |
|-----------|---------------------|-------------|-----------|--------------|
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
| AK        | TEA-095-6(16)/72025 | 1996        | 09        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

### ESTIMATE OF QUANTITIES

BASIC BID WORK - COUNCIL GROUNDS TRAIL

| ITEM NO.            | ITEM   | UNIT | QUANTITY                  |
|---------------------|--|------|---------------------------|
| 120(1)              | DBE ADJUSTMENT   | C.S. | ALL REQ'D                 |
| 201(3B)             | CLEARING AND GRUBBING                                      | L.S. | ALL REQ'D                 |
| 201(4B)             | HAND CLEARING  | L.S. | ALL REQ'D                 |
| 201(6)              | SELECTIVE TREE REMOVAL                                     | EACH | 10 <del>0</del>           |
| 202(1)              | REMOVAL OF STRUCTURES AND OBSTRUCTIONS                     | L.S. | ALL REQ'D                 |
| 203(11)             | UNCLASSIFIED EXCAVATION                                    | L.S. | ALL REQ'D                 |
| <del>203(12)</del>  | <del>EMBANKMENT - DELETED C.O. #2</del>                    | C.Y. | <del>20000</del>          |
| 203(13)             | TOE ROCKS  | L.F. | 1100 <del>245</del>       |
| 304(2)              | SUBBASE GRADING C  | C.Y. | 1500 <del>1686.49</del>   |
| 308(1)              | SOIL STABILIZATION   | L.S. | ALL REQ'D                 |
| 401(3A)             | 1 1/2" THICK ASPHALT CONCRETE PAVEMENT, TYPE III, CLASS B, | S.Y. | 3800 <del>4305</del>      |
| 401(3B)             | 2" THICK ASPHALT CONCRETE PAVEMENT, TYPE III, CLASS B      | S.Y. | 4550 <del>4329</del>      |
| 505(5)              | 6 INCH STRUCTURAL STEEL PILES, FURNISHED                   | L.F. | 1019 <del>915.29</del>    |
| 505(6)              | STRUCTURAL STEEL PILES, DRIVEN                             | EACH | 58                        |
| 603(17-24)          | 24-INCH PIPE   | L.F. | 110 <del>105</del>        |
| 603(17-36)          | 36-INCH PIPE   | L.F. | 40 <del>32</del>          |
| 603(20-24)          | END SECTION FOR 24-INCH PIPE                               | EACH | 9 <del>6</del>            |
| 603(20-36)          | END SECTION FOR 36-INCH PIPE                               | EACH | 1                         |
| 603(22-12)          | 12-INCH CORRUGATED POLYETHYLENE PIPE                       | L.F. | 58 <del>84</del>          |
| 604(5)              | INLET, TYPE A  | EACH | 2 <del>0</del>            |
| 608(16)             | EXPOSED AGGREGATE SIDEWALK                                 | S.Y. | 565 <del>548.58</del>     |
| 609(2)              | STANDARD CURB AND GUTTER, TYPE I                           | L.F. | 1195 <del>1217</del>      |
| 609(3)              | CURB RAMP  | EACH | 4                         |
| 611(1A)             | RIP RAP, CLASS I   | C.Y. | 300                       |
| 611(1B)             | RIP RAP, CLASS II  | C.Y. | 800 <del>0</del>          |
| 615(1)              | STANDARD SIGNS   | S.F. | 40 <del>30.75</del>       |
| 615(9)              | SNOW POLES   | EACH | 52 <del>45</del>          |
| 618(2)              | SEEDING  | LBS. | 135                       |
| 618(2)              | WATER FOR SEEDING  | MGAL | 400 <del>0</del>          |
| 620(1)              | TOPSOIL, CLASS B   | S.Y. | 14000 <del>10,800.0</del> |
| 621(1)              | TREES  | EACH | 6                         |
| 621(2)              | SHRUBS   | EACH | 96 <del>0</del>           |
| 630(1)              | GEOTEXTILE, SEPARATION                                     | S.Y. | 900 <del>1430</del>       |
| 631(2)              | GEOTEXTILE, RIPRAP LINER, CLASS A                          | S.Y. | 942 <del>126.7</del>      |
| 640(1)              | MOBILIZATION AND DEMOBILIZATION                            | L.S. | ALL REQ'D                 |
| 641(2)              | EROSION AND POLLUTION CONTROL                              | C.S. | ALL REQ'D                 |
| <del>203(12A)</del> | <del>EMBANKMENT C.O. #2</del>                              | L.S. | <del>ALL REQ'D</del>      |
| <del>604(5B)</del>  | <del>INLET, TYPE B C.O. #2</del>                           | L.S. | <del>ALL REQ'D</del>      |
| <del>609(4)</del>   | <del>CURB RECONSTRUCTION C.O. #5</del>                     | L.S. | <del>ALL REQ'D</del>      |
| <del>611(1C)</del>  | <del>RIPRAP, TYPE III C.O. #3</del>                        | L.S. | <del>ALL REQ'D</del>      |
| <del>615(2)</del>   | <del>RELOCATE EXISTING SIGN C.O. #6</del>                  | L.S. | <del>ALL REQ'D</del>      |

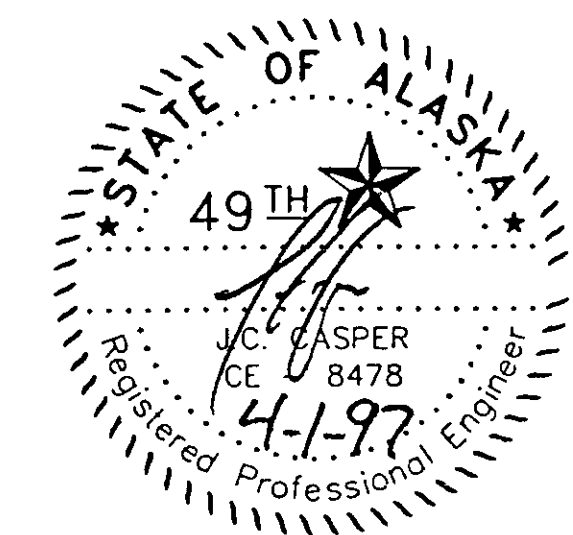
### ESTIMATE OF QUANTITIES

BASIC BID WORK - COUNCIL GROUNDS TRAIL

| ITEM NO.           | ITEM  | UNIT            | QUANTITY                |
|--------------------|---|-----------------|-------------------------|
| 642(1)             | CONSTRUCTION SURVEYING                                  | L.S.            | ALL REQ'D               |
| 642(2)             | THREE PERSON SURVEY PARTY                               | HOURL           | <del>50</del> 3.38      |
| 643(2)             | TRAFFIC MAINTENANCE                                     | L.S.            | ALL REQ'D               |
| 643(3)             | PERMANENT CONSTRUCTION SIGNS                            | L.S.            | ALL REQ'D               |
| 643(27)            | TRAFFIC CONTROL DEVICES                                 | C.S.            | ALL REQ'D               |
| <del>644(6)</del>  | <del>ENGINEERING TRANSPORTATION - DELETED C.O. #1</del> | <del>L.S.</del> | <del>ALL REQ'D</del>    |
| 646(1)             | WIDE PAD DOZER WITH 6 WAY BLADE, 65 HP MIN.             | HOURL           | 40 <del>0</del>         |
| 646(8)             | MOTOR GRADER, 125 HP MIN.                               | HOURL           | 10 <del>0</del>         |
| 650(3A)            | PARK BENCH, TYPE A                                      | EACH            | 1                       |
| 650(3B)            | PARK BENCH, TYPE B                                      | EACH            | 2                       |
| 650(11)            | SPOTTING SCOPE  | EACH            | 1                       |
| 650(12)            | PEDESTRIAN WALKWAY                                      | S.F.            | 4096 <del>+225.39</del> |
| 650(21)            | SEAT ROCK   | EACH            | 20 <del>26</del>        |
| 650(30B)           | TWO PANEL INTERPRETIVE KIOSK, TYPE B                    | EACH            | 2                       |
| 650(38)            | ENTRANCE SIGN   | EACH            | 1                       |
| 650(38A)           | RELOCATE ENTERANCE SIGN                                 | EACH            | 1 <del>0</del>          |
| 650(40A)           | INTERPRETIVE SIGN, TYPE A                               | EACH            | 10                      |
| 650(40C)           | INTERPRETIVE SIGN, TYPE C                               | EACH            | 2 <del>3</del>          |
| 650(45)            | CONCRETE PONY WALL                                      | L.F.            | 222                     |
| 670(1)             | PAINTED TRAFFIC MARKINGS                                | L.S.            | ALL REQ'D               |
| <del>644(6A)</del> | <del>ENGINEERING TRANSPORTATION C.O. #1</del>           | <del>L.S.</del> | <del>ALL REQ'D</del>    |
| <del>650(13)</del> | <del>TREATED LUMBER MODIFICATIONS C.O. #4</del>         | <del>L.S.</del> | <del>ALL REQ'D</del>    |
| <del>650(14)</del> | <del>ADDITIONAL KICKER BOARDS C.O. #6</del>             | <del>L.S.</del> | <del>ALL REQ'D</del>    |
| <del>670(9)</del>  | <del>CARBONITE MARKERS C.O. #6</del>                    | <del>L.S.</del> | <del>ALL REQ'D</del>    |

### TABLE OF ESTIMATING FACTORS

| ITEM NO.     | ITEM                                | UNIT WEIGHT     |
|--------------|-------------------------------------|-----------------|
| 304(2)       | SUBBASE GRADING C                   | 130 LB./C.F.    |
| 401(3A)+(3B) | ASPHALT CONCRETE, TYPE III, CLASS B | 120 LB./S.Y.-IN |



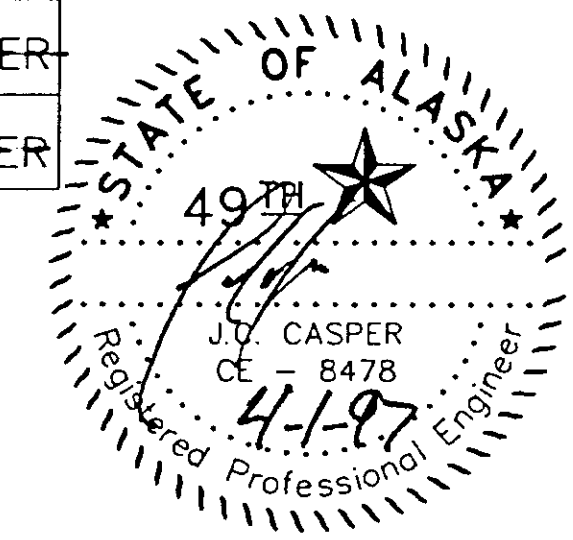
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 10        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| SIGN SUMMARY          |                                  |      |                  |           |      |
|-----------------------|----------------------------------|------|------------------|-----------|------|
| POST NO.              | STATION /OFFSET                  | TYPE | LEGEND           | SIZE      | AREA |
| COUNCIL GROUNDS TRAIL |                                  |      |                  |           |      |
| 1                     | H360+27, 44' L                   | R1-1 | STOP             | 30" X 30" | 6.25 |
| 2                     | H360+80, 28' L                   | R1-1 | STOP             | 30" X 30" | 6.25 |
| 3                     | H359+87, 35' L                   | R6-1 | ONE WAY          | 36" X 12" | 3.00 |
| 4                     | H360+80, 28' L                   | R6-1 | ONE WAY          | 36" X 12" | 3.00 |
| 5                     | H360+80, 28' L                   | R6-1 | ONE WAY          | 36" X 12" | 3.00 |
| 6                     | H363+31, 20' L                   | R6-1 | ONE WAY          | 36" X 12" | 3.00 |
| 7                     | H364+10, 26' L<br>H363+31, 20' L | R6-1 | ONE WAY          | 36" X 12" | 3.00 |
| 8                     | T1+20, 7' R                      | R5-6 | NO BIKES         | 24" X 24" | 4.00 |
| 9                     | H303+23, 37' L                   | R5-6 | NO BIKES         | 24" X 24" | 4.00 |
| 10                    | H361+47, 119' L                  | R7-8 | RESERVED PARKING | 12" X 18" | 1.50 |
| 11                    | H306+79, 62' L                   | R7-8 | RESERVED PARKING | 12" X 18" | 1.50 |
| 12                    | H333+19, 60' L                   | R7-8 | RESERVED PARKING | 12" X 18" | 1.50 |

| CORRUGATED METAL PIPE SCHEDULE |          |           |           |          |            |     |     |     |      |           |
|--------------------------------|----------|-----------|-----------|----------|------------|-----|-----|-----|------|-----------|
| COUNCIL GROUNDS PATHWAY        |          |           |           |          |            |     |     |     |      |           |
| STATION                        | OFFSET   | INVERT IN | STATION   | OFFSET   | INVERT OUT | 18" | 24" | 36" | ENDS | LENGTH    |
| 309+25.12                      | 29.95' L | 93.98     | 309+25.73 | 49.34' L | 93.79      |     |     | X   |      | 19.4' 11' |
| 309+25.38                      | 50.83' L | 93.77     | 309+24.46 | 70.81' L | 93.57      |     |     | X   | 1ea. | 20.0' 15' |
| 321+82.33                      | 32.57' L | 94.44     | 321+83.16 | 38.51' L | 94.38      |     | X   |     | 1ea. | 6.0' 15'  |
| 339+72.6                       | 34.89' L | 98.98     | 339+73.71 | 66.89' L | 95.43      |     | X   |     | 1ea. | 32.0' -   |
| 346+5.03                       | 31.33' L | 106.66    | 346+5.77  | 49.34' L | 105.53     |     | X   |     | 1ea. | 20.0' -   |
| 348+33.39                      | 29.59' L | 109.12    | 348+33.98 | 41.57' L | 108.62     |     | X   |     | 1ea. | 10.0' -   |
| 350+45.95                      | 34.12' L | 106.82    | 350+45.38 | 45.19' L | 106.32     |     | X   |     | 1ea. | 12.0' 10' |
| 352+52.6                       | 31.31' L | 104.00    | 352+52.26 | 43.1' L  | 103.08     |     | X   |     | 1ea. | 12.0' 6'  |
| 355+17.72                      | 37.16' L | 106.74    | 355+18.15 | 47.0' L  | 106.24     |     | X   |     | 1ea. | 10.0' 20' |
| 360+10.55                      | 40.36' L | 104.89    | 360+10.61 | 48.37' L | 104.58     |     | X   |     | 1ea. | 8.0' 16'  |
| 361+04.96                      | 39.20' L | 105.18    | 360+12.84 | 54.60' L | 104.58     |     | X   |     | 1ea. | 95.0' 98' |

| CORRUGATED POLYETHYLENE PIPE SCHEDULE |          |        |         |      |
|---------------------------------------|----------|--------|---------|------|
| PIPE No.                              | STATION  | OFFSET | LENGTH  | SIZE |
| P-1                                   | T1+92.50 | ☉      | 21' 36" | 12"  |
| P-2                                   | T2+90.40 | ☉      | 28' 24" | 12"  |
| P-3                                   | T3+81.20 | ☉      | 23' 24" | 12"  |

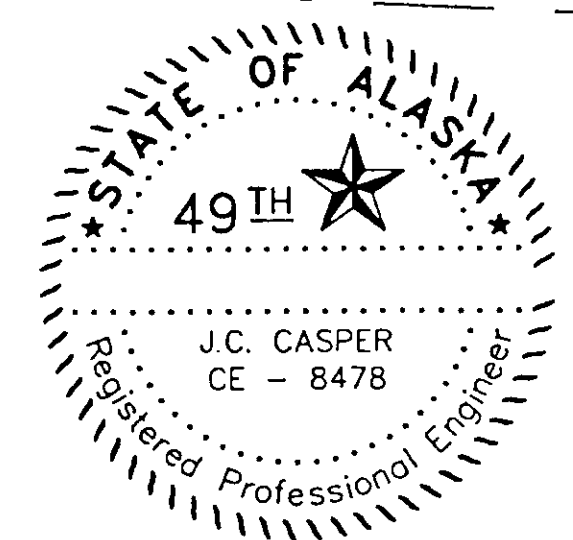
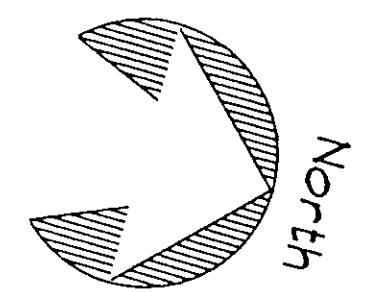
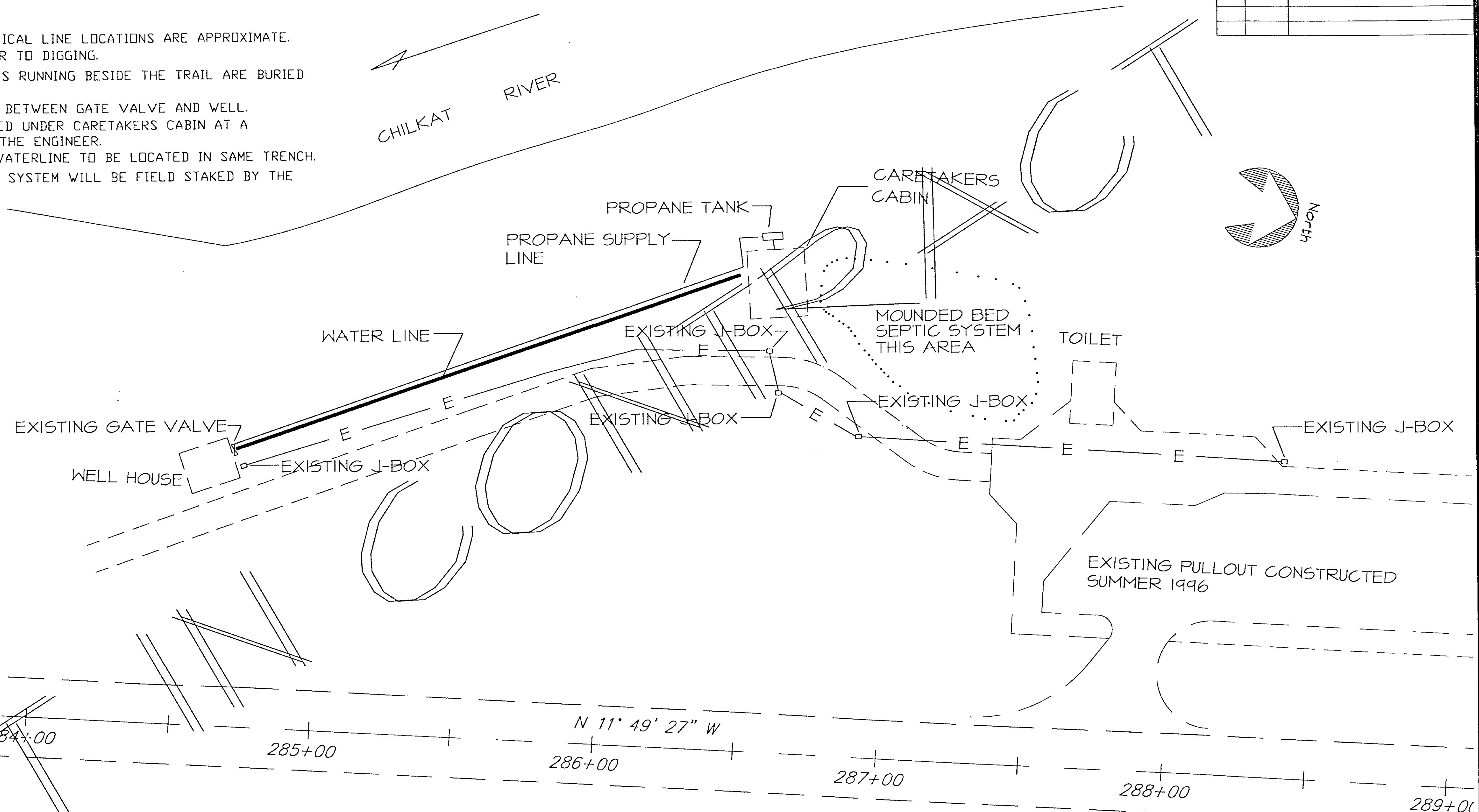
| INLET SUMMARY           |          |        |           |        |                                    |
|-------------------------|----------|--------|-----------|--------|------------------------------------|
| COUNCIL GROUNDS PATHWAY |          |        |           |        |                                    |
| STATION                 | OFFSET   | INVERT | TOP ELEV. | TYPE   | REMARKS                            |
| 309+25.35               | 50.08' L | 94.00  | 99.58     | TYPE A | CURB; STA. & OFFSET ARE TO CENTER  |
| 361+06.63               | 39.20' L | 105.18 | 107.18    | TYPE A | FIELD; STA. & OFFSET ARE TO CENTER |



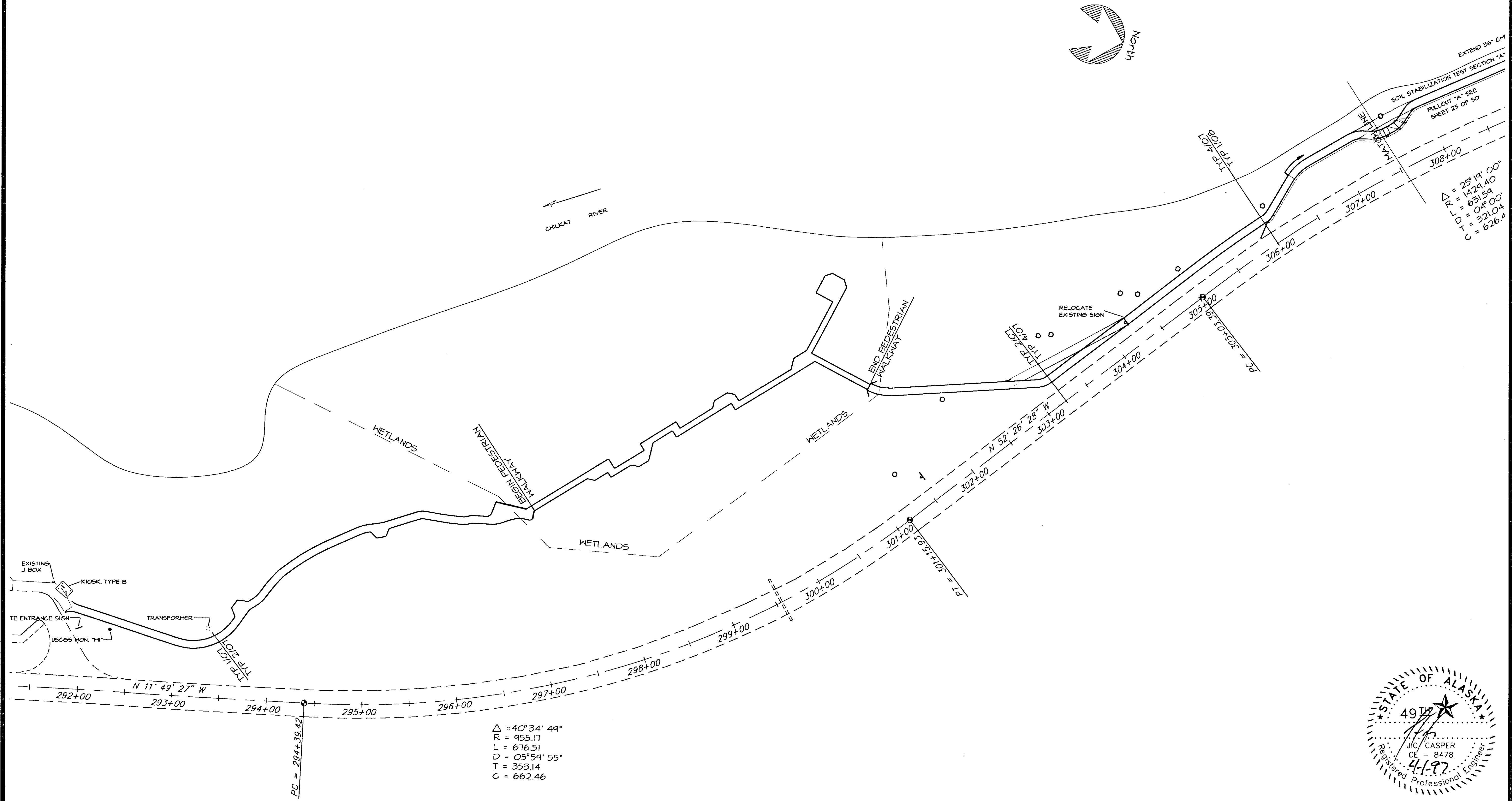
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 11        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

**NOTES:**

- EXISTING WATER AND ELECTRICAL LINE LOCATIONS ARE APPROXIMATE. LOCATES ARE REQUIRED PRIOR TO DIGGING.
- WATER AND ELECTRICAL LINES RUNNING BESIDE THE TRAIL ARE BURIED TOGETHER.
- T-INTO EXISTING WATERLINE BETWEEN GATE VALVE AND WELL.
- WATERLINE SHALL BE STUBBED UNDER CARETAKERS CABIN AT A LOCATION FIELD STAKED BY THE ENGINEER.
- PROPANE SUPPLY LINE AND WATERLINE TO BE LOCATED IN SAME TRENCH.
- EXACT LOCATION FOR SEPTIC SYSTEM WILL BE FIELD STAKED BY THE ENGINEER.



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 12        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF PARKS AND OUTDOOR RECREATION STATE OF ALASKA

COUNCIL GROUNDS TRAIL  
PROJECT No.  
TEA-095-6(16)/72025

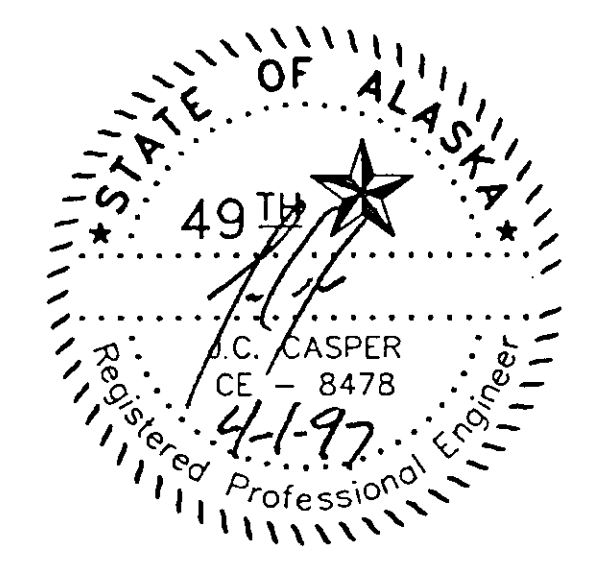
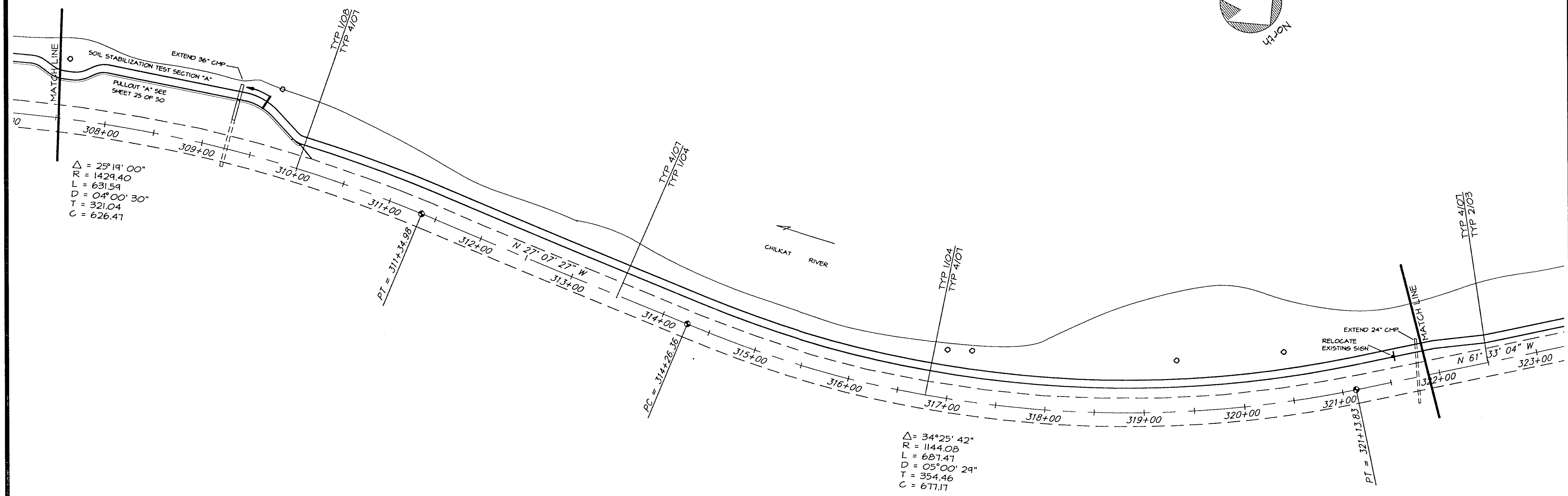
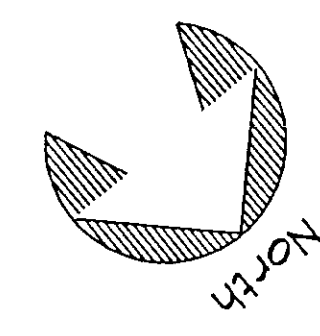
Scale: 1"=100'

GENERAL LAYOUT

PREPARED: fjb  
DRAWN: FB  
REVIEWED: JC  
DATE: JAN 97

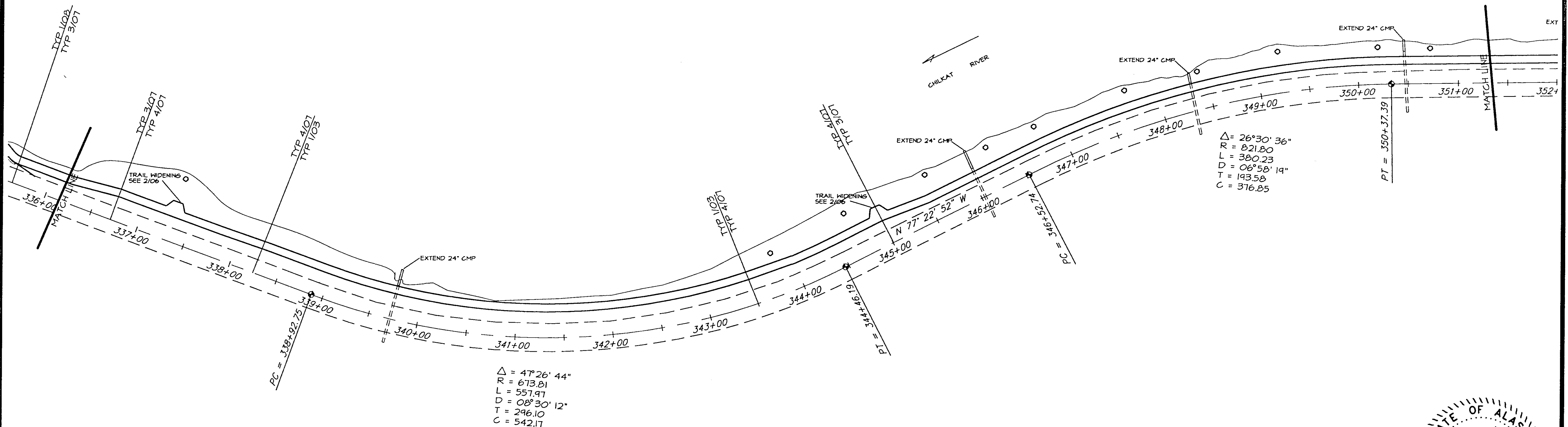
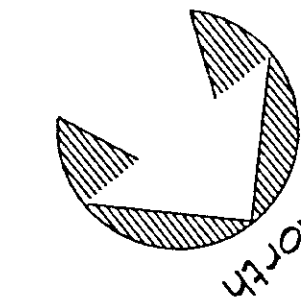
SHEET  
12  
OF 50 SHEETS

| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 13        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



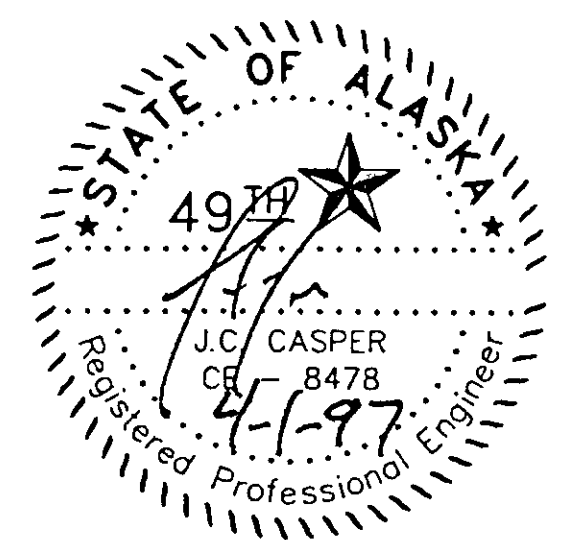


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 15        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

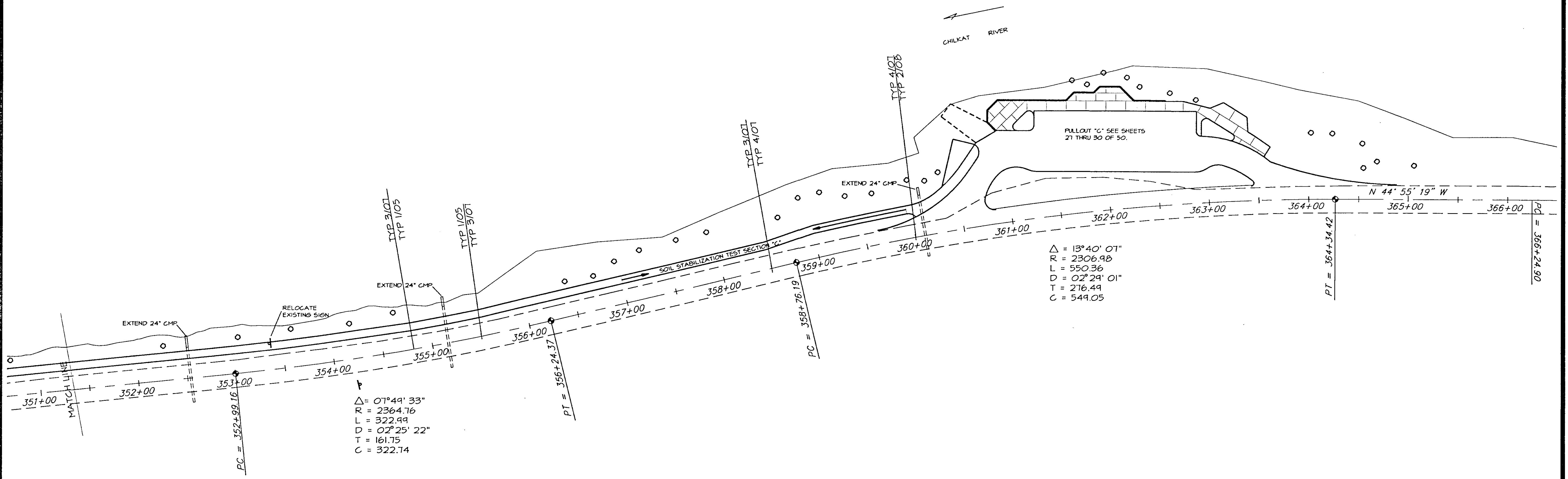
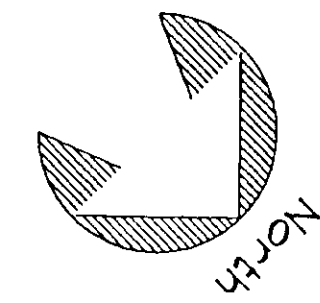


$\Delta = 47^{\circ} 26' 44''$   
 $R = 673.01$   
 $L = 557.97$   
 $D = 08^{\circ} 30' 12''$   
 $T = 296.10$   
 $C = 542.17$

$\Delta = 26^{\circ} 30' 36''$   
 $R = 821.80$   
 $L = 380.23$   
 $D = 06^{\circ} 58' 19''$   
 $T = 193.58$   
 $C = 376.85$



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 16        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



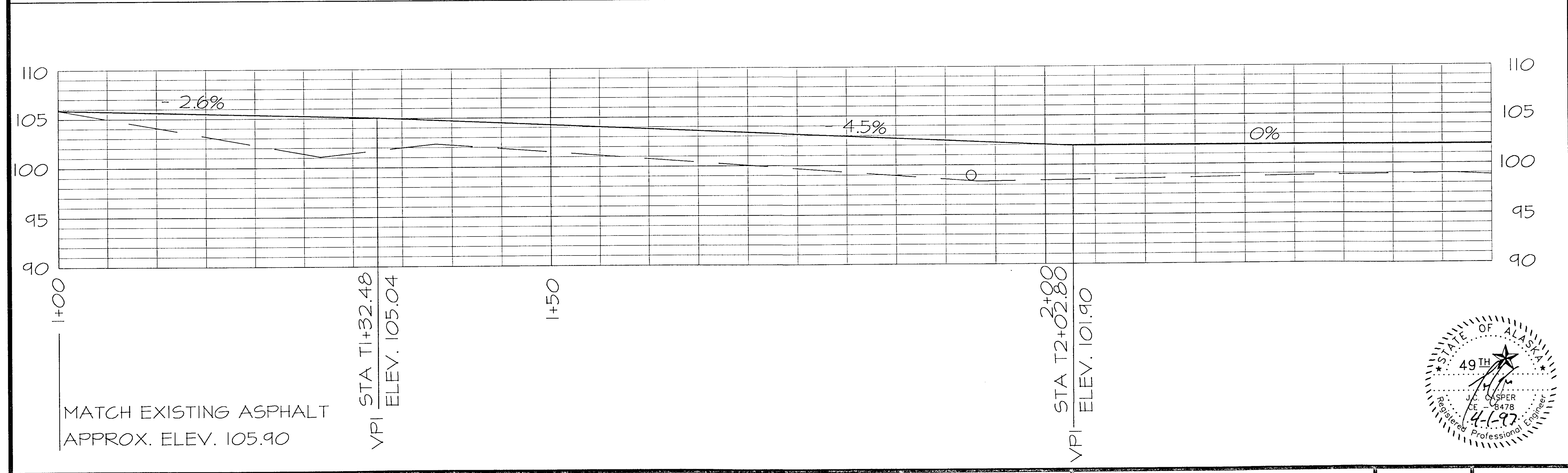
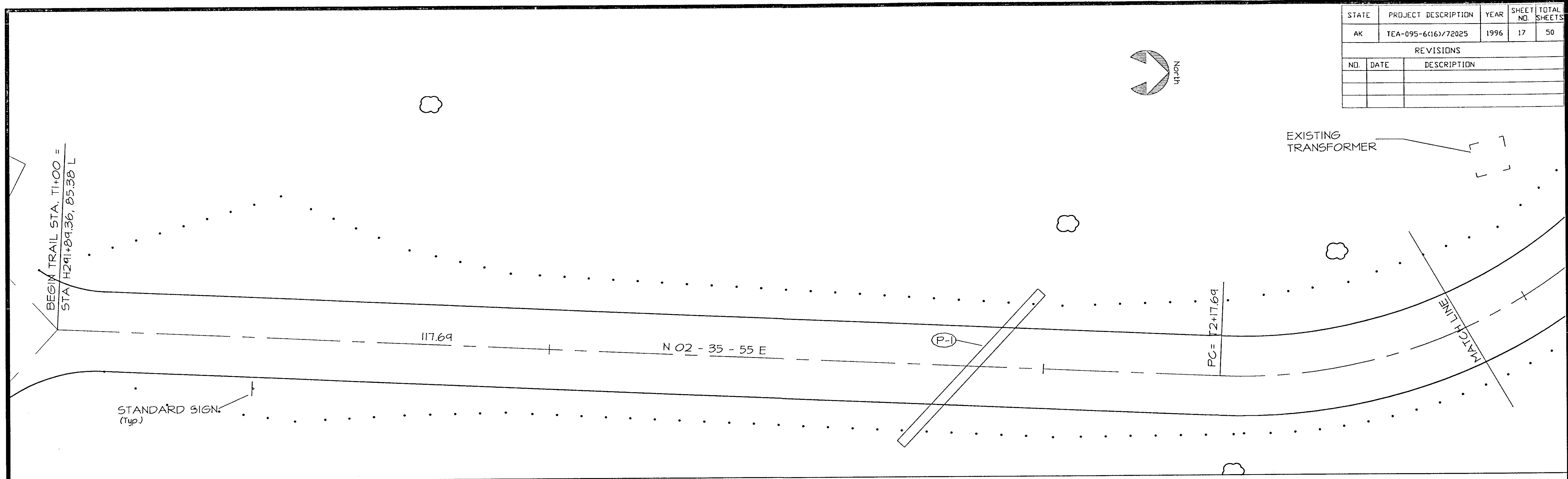
$\Delta = 07^{\circ}49'33''$   
 $R = 2364.76$   
 $L = 322.99$   
 $D = 02^{\circ}25'22''$   
 $T = 161.75$   
 $C = 322.74$

$\Delta = 13^{\circ}40'07''$   
 $R = 2306.98$   
 $L = 550.36$   
 $D = 02^{\circ}29'01''$   
 $T = 276.49$   
 $C = 549.05$



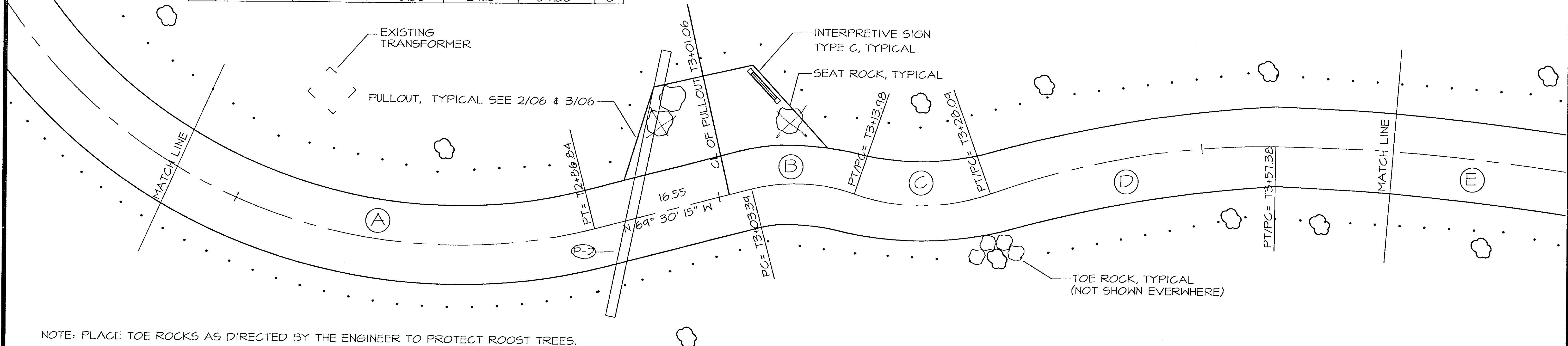


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 17        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

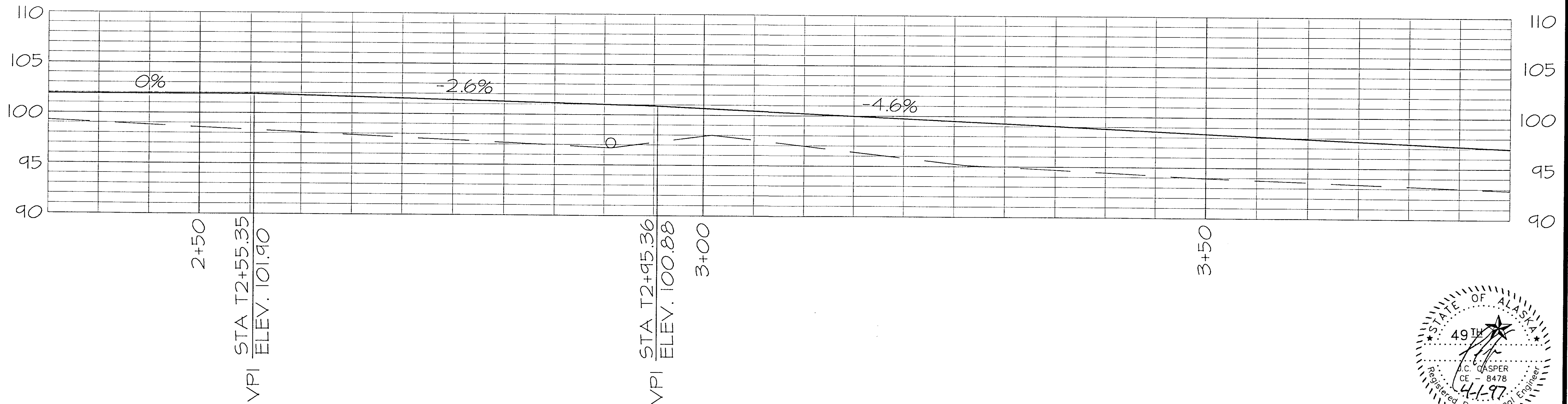


|   | (A)         | (B)         | (C)         | (D)         | (E)         |   |
|---|-------------|-------------|-------------|-------------|-------------|---|
| Δ | 72° 06' 10" | 33° 45' 57" | 39° 10' 02" | 20° 21' 45" | 15° 41' 30" | Δ |
| T | 40.00       | 5.45        | 7.34        | 14.80       | 27.67       | T |
| R | 54.95       | 17.97       | 20.64       | 82.40       | 200.84      | R |
| L | 69.15       | 10.59       | 14.11       | 29.29       | 55.00       | L |
| C | 64.68       | 10.44       | 13.83       | 29.13       | 54.83       | C |

| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 18        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

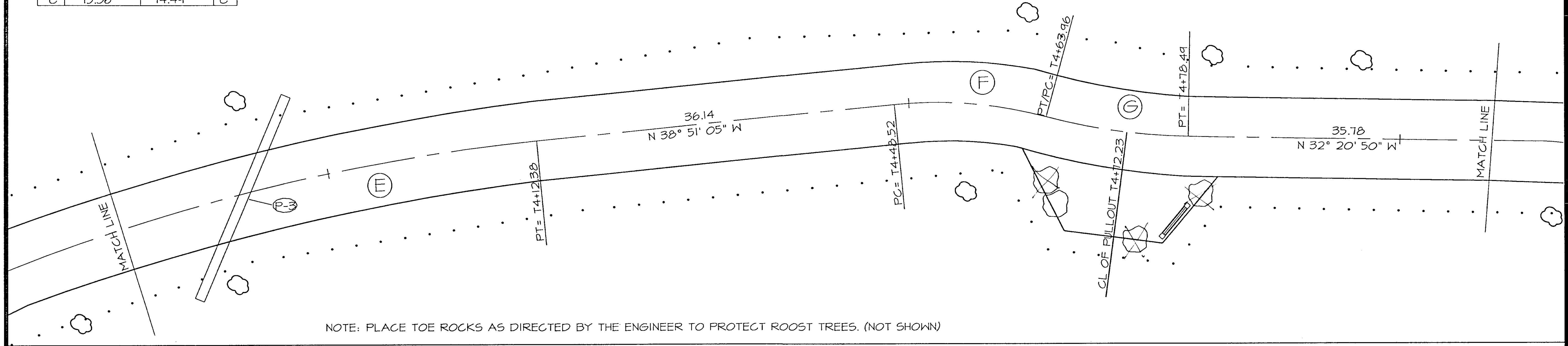


NOTE: PLACE TOE ROCKS AS DIRECTED BY THE ENGINEER TO PROTECT ROOST TREES.

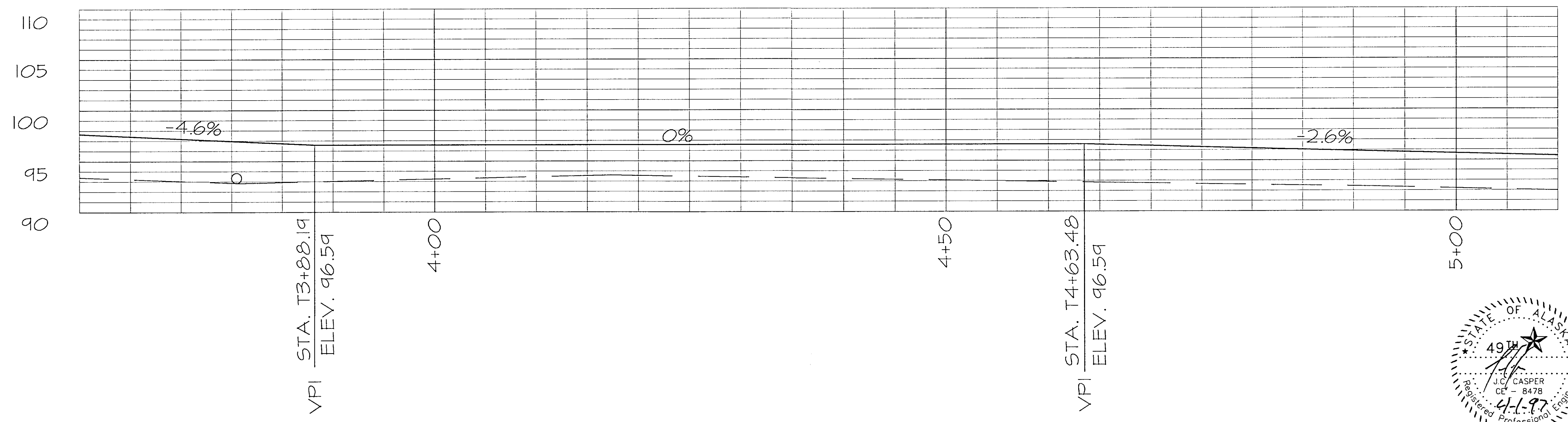


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 19        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

|   | (F)         | (G)         |   |
|---|-------------|-------------|---|
| Δ | 20° 38' 55" | 14° 08' 40" | Δ |
| T | 7.80        | 7.30        | T |
| R | 42.84       | 58.86       | R |
| L | 15.44       | 14.53       | L |
| C | 15.36       | 14.49       | C |

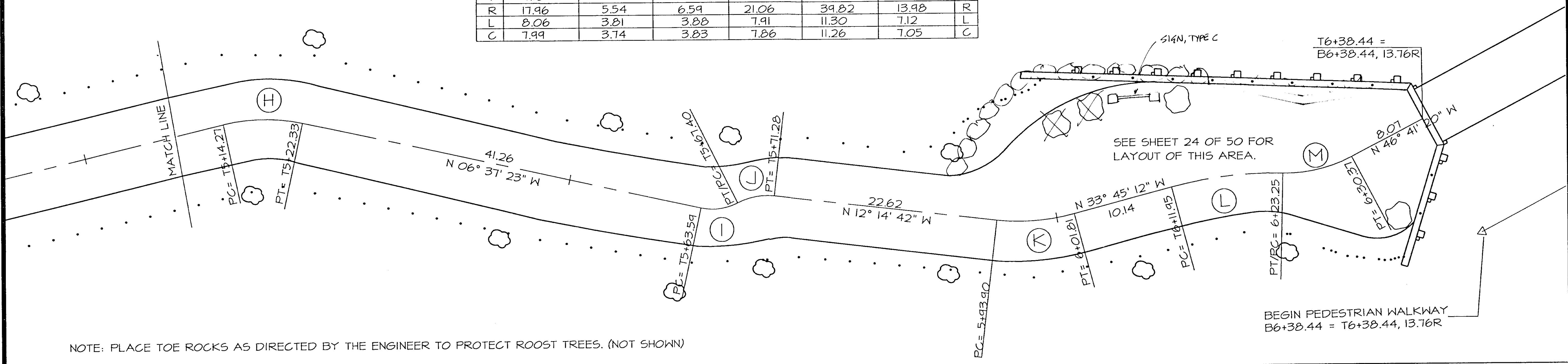


NOTE: PLACE TOE ROCKS AS DIRECTED BY THE ENGINEER TO PROTECT ROOST TREES. (NOT SHOWN)

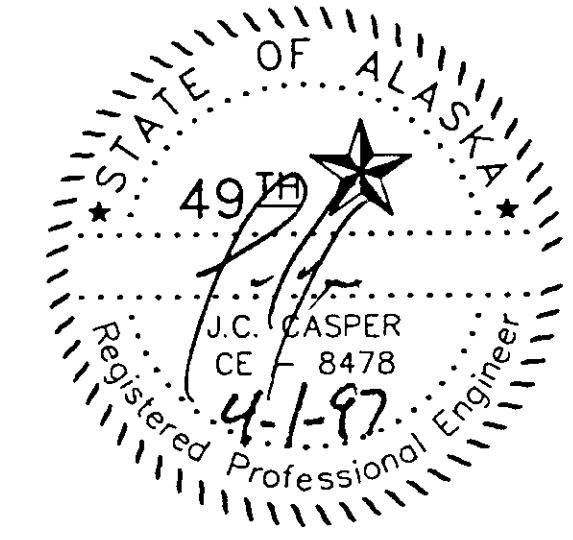
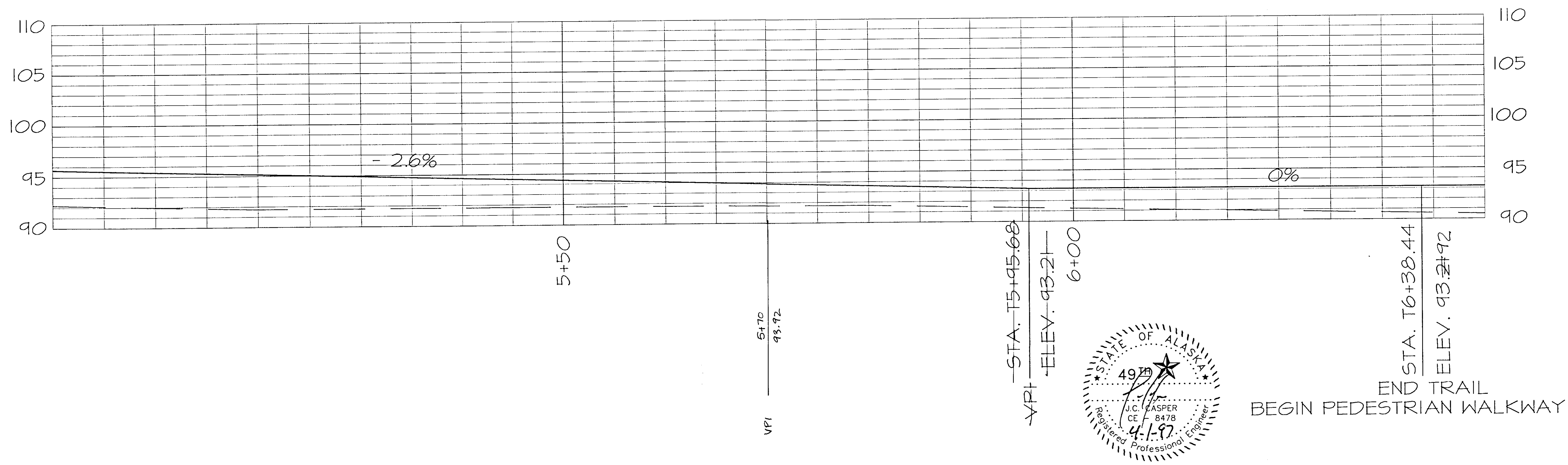


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 20        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

|   | (H)         | (I)         | (J)         | (K)         | (L)         | (M)         |   |
|---|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Δ | 25° 43' 27" | 39° 24' 14" | 33° 46' 55" | 21° 30' 30" | 16° 15' 19" | 29° 11' 27" | Δ |
| T | 4.10        | 1.98        | 2.00        | 4.00        | 5.69        | 3.64        | T |
| R | 17.96       | 5.54        | 6.59        | 21.06       | 39.82       | 13.98       | R |
| L | 8.06        | 3.81        | 3.88        | 7.91        | 11.30       | 7.12        | L |
| C | 7.99        | 3.74        | 3.83        | 7.86        | 11.26       | 7.05        | C |

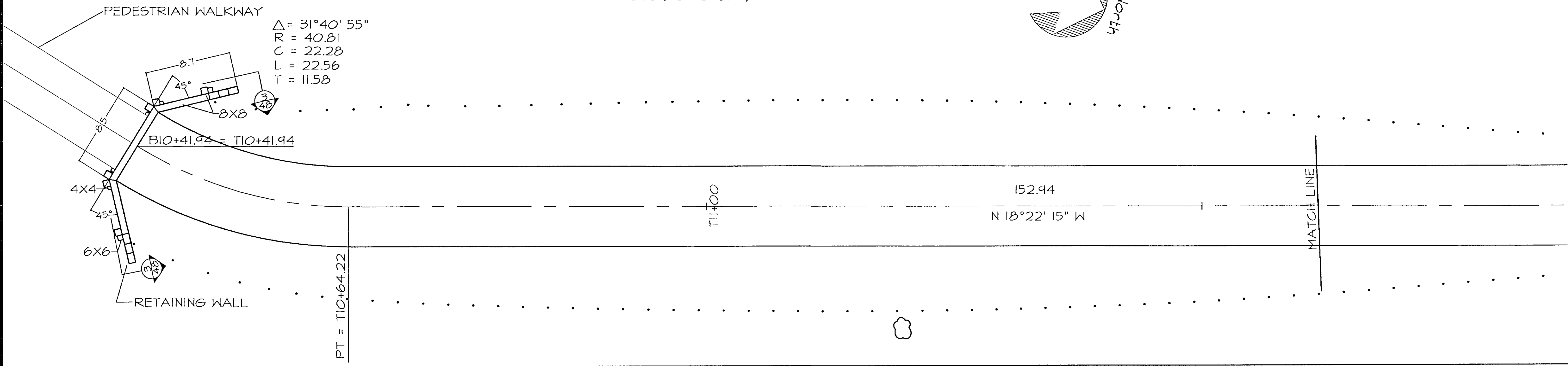
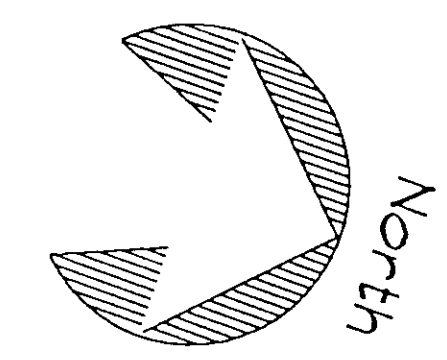


NOTE: PLACE TOE ROCKS AS DIRECTED BY THE ENGINEER TO PROTECT ROOST TREES. (NOT SHOWN)

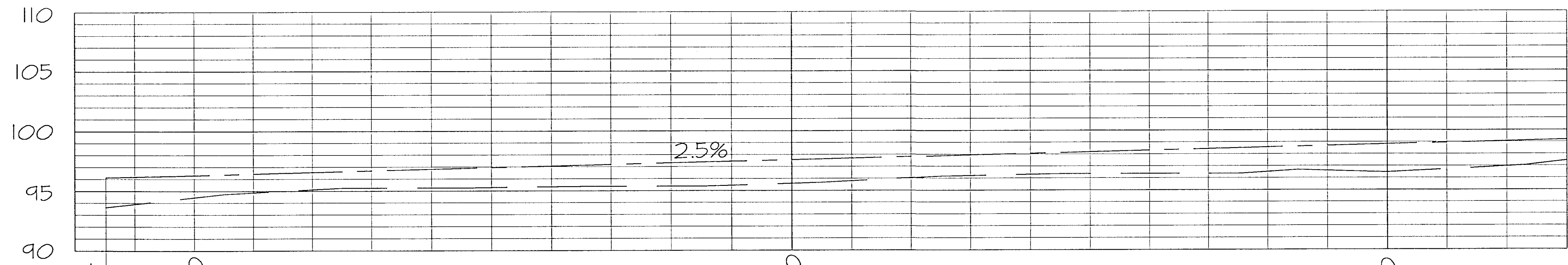
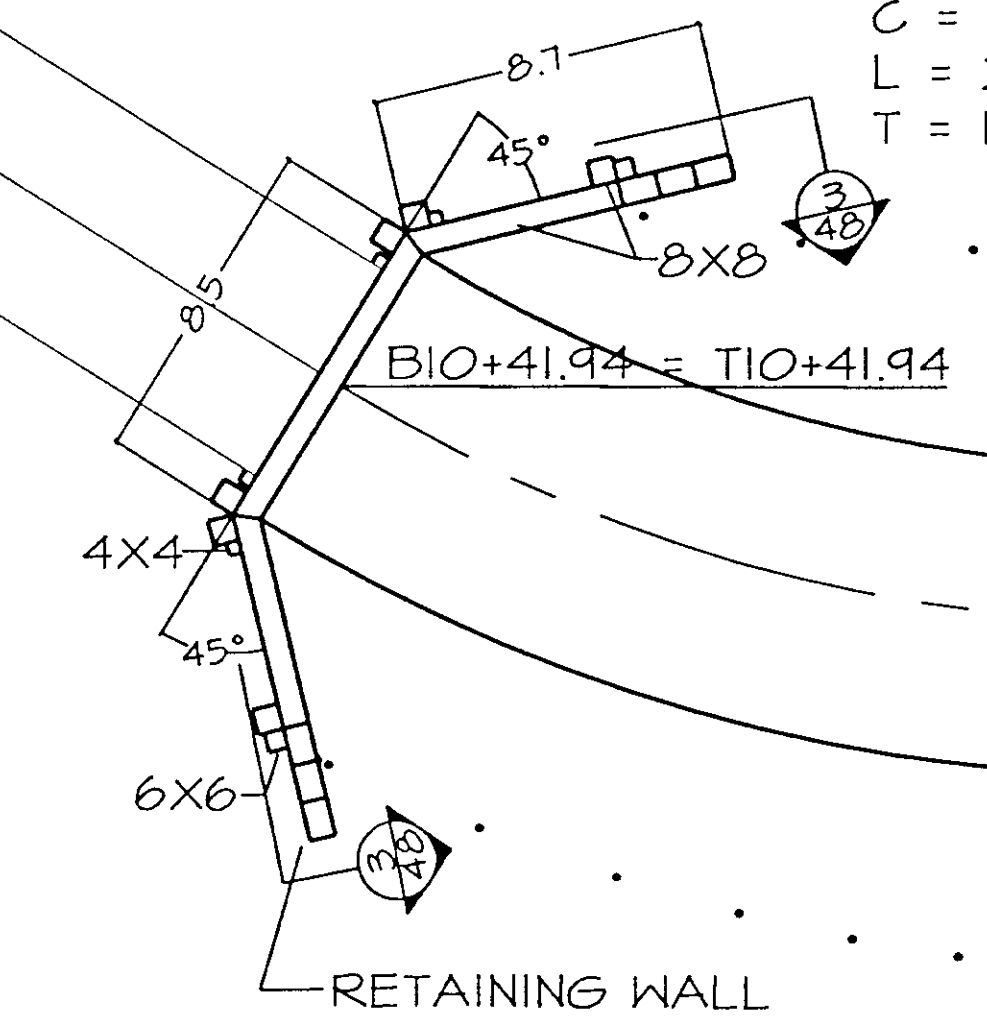


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 21        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

- NOTES:
1. END HAND RAIL AT 6X6 POSTS.
  2. PLACE TOE ROCKS AS DIRECTED BY THE ENGINEER TO PROTECT ROOST TREES (NOT SHOWN)



$\Delta = 31^{\circ}40'55''$   
 $R = 40.81$   
 $C = 22.28$   
 $L = 22.56$   
 $T = 11.58$



STA. T10+41.94  
 ELEV. 96.12

END PEDESTRIAN WALKWAY  
RESUME TRAIL / T-LINE



**DEPARTMENT OF NATURAL RESOURCES**  
 DIVISION OF PARKS AND OUTDOOR RECREATION      STATE OF ALASKA

COUNCIL GROUNDS TRAIL  
 PROJECT No.  
 TEA-095-6(16)/72025

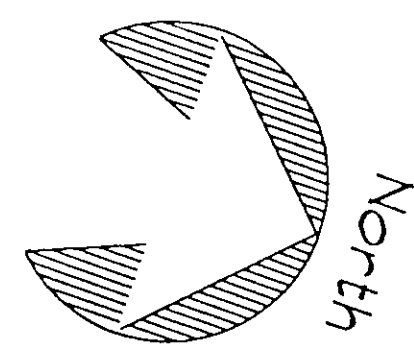
SCALE 1" = 10'

PLAN & PROFILE

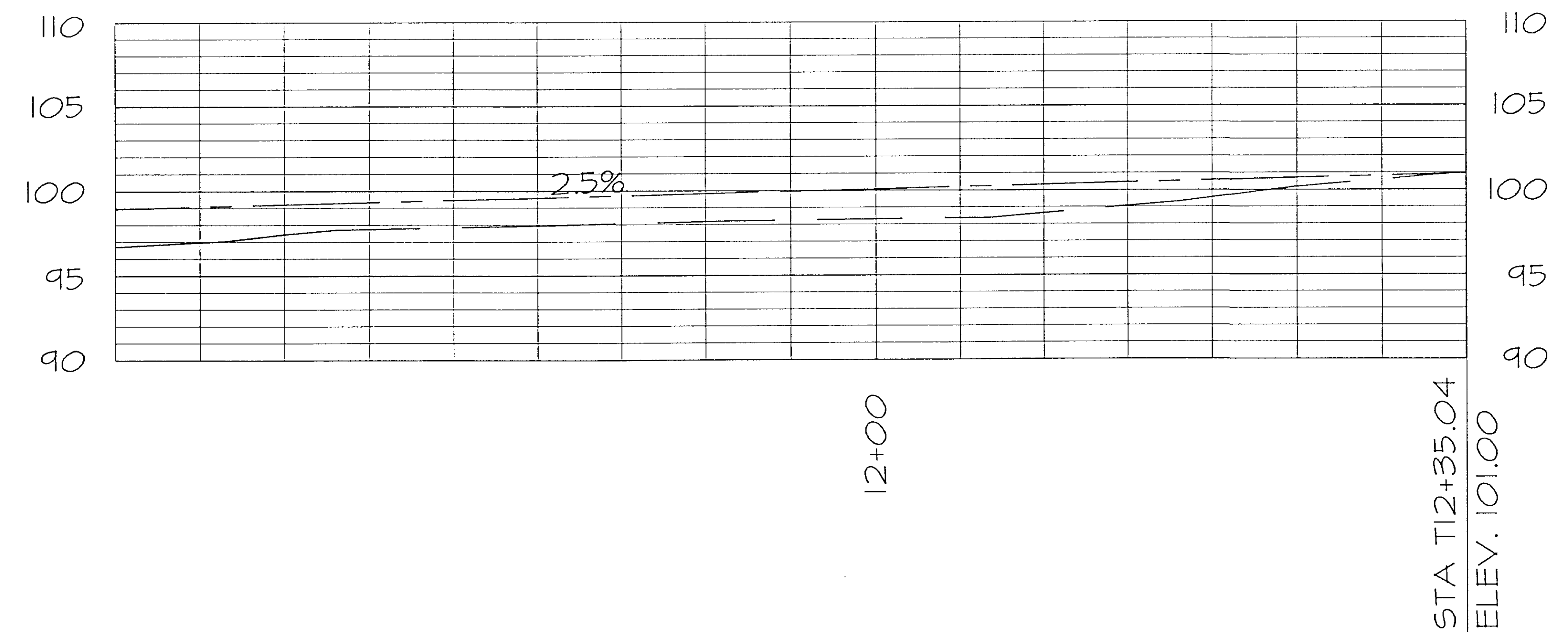
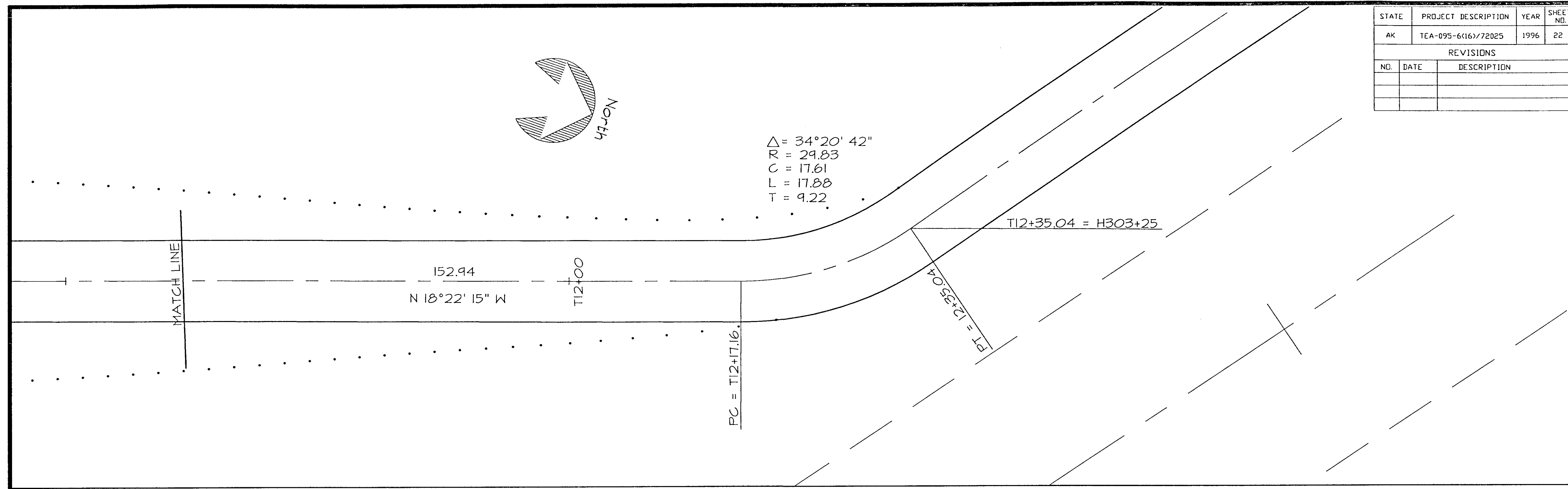
PREPARED: FJB  
 DRAWN: EE  
 REVIEWED: JC  
 DATE: FEB 97

SHEET  
 21  
 OF 50 SHEETS

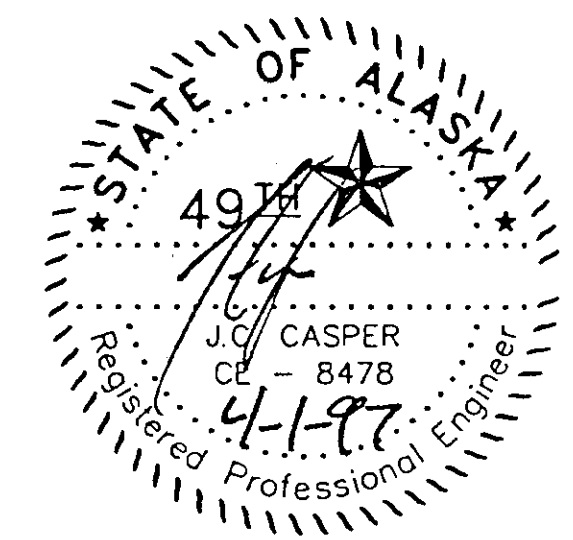
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 22        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



$\Delta = 34^{\circ}20'42''$   
 $R = 29.83$   
 $C = 17.61$   
 $L = 17.88$   
 $T = 9.22$



END T-LINE TRAIL STA. 12+35.04  
 BEGIN H-LINE TRAIL STA. 303+25



**DEPARTMENT OF NATURAL RESOURCES**  
 DIVISION OF PARKS AND OUTDOOR RECREATION      STATE OF ALASKA

**COUNCIL GROUNDS TRAIL**  
 PROJECT No.  
 TEA-095-6(16)/72025

SCALE 1" = 10'

**PLAN & PROFILE**

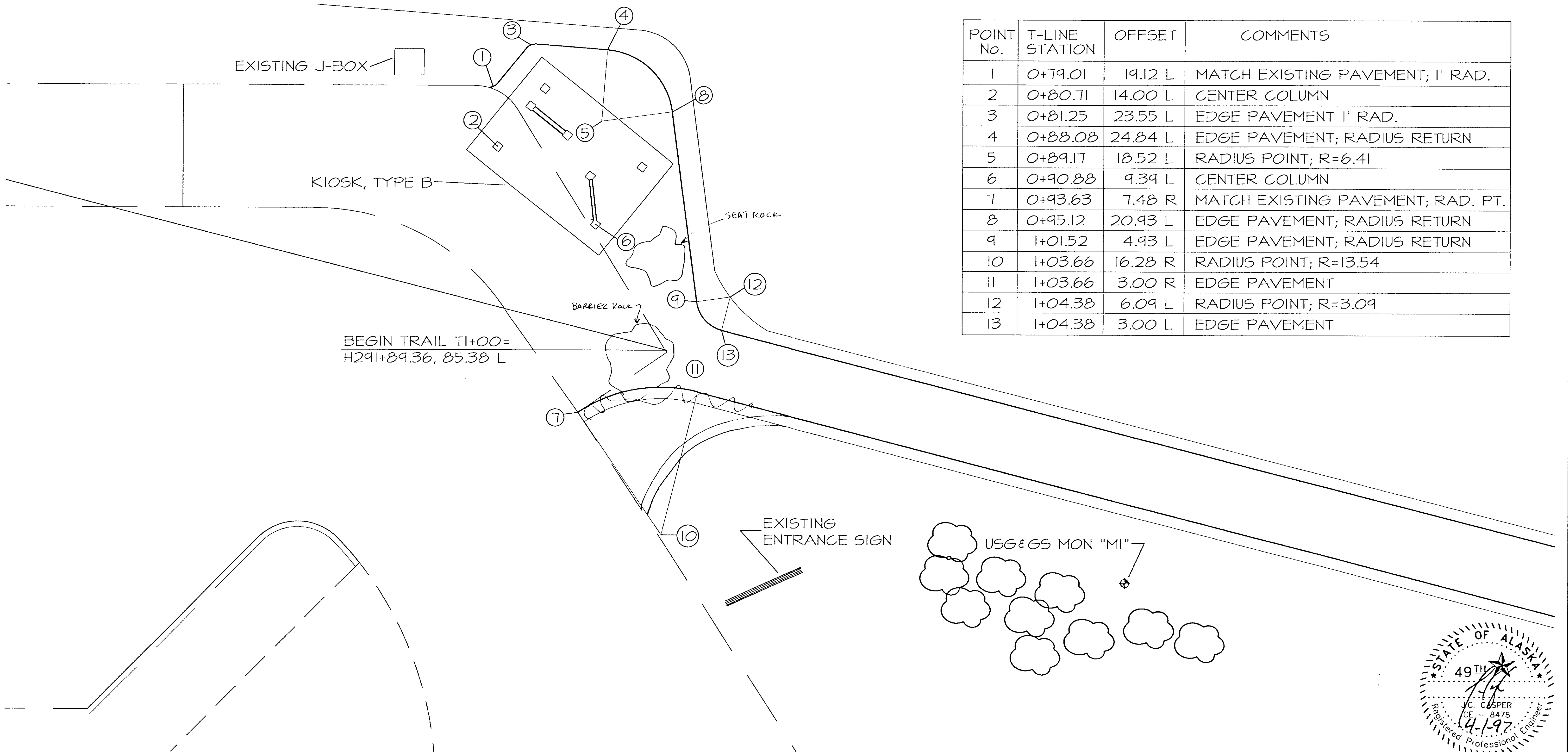
PREPARED: FJEB  
 DRAWN: EE  
 REVIEWED: JC  
 DATE: FEB 97

SHEET  
**22**  
 OF 50 SHEETS

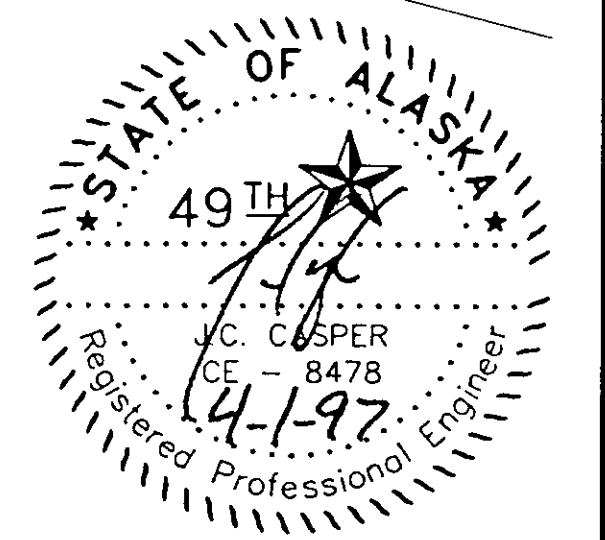
NOTES:

1. LAYOUT OF KIOSK, TYPE B IS OPPOSITE FROM STANDARD DRAWING THIS SITE ONLY.
2. SAWCUT EXISTING PAVEMENT 6" FROM EDGE AND APPLY TACK COAT PRIOR TO PLACEMENT OF NEW ASPHALT.
3. RELOCATION OF EXISTING ENTRANCE SIGN SHALL BE FIELD STAKED BY THE ENGINEER
4. TOPSOIL AND SEED ALL DISTURBED AREAS.
5. WARP SHOULDER OF TRAIL TO BLEND WITH EXISTING LANDSCAPE.

| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 23        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

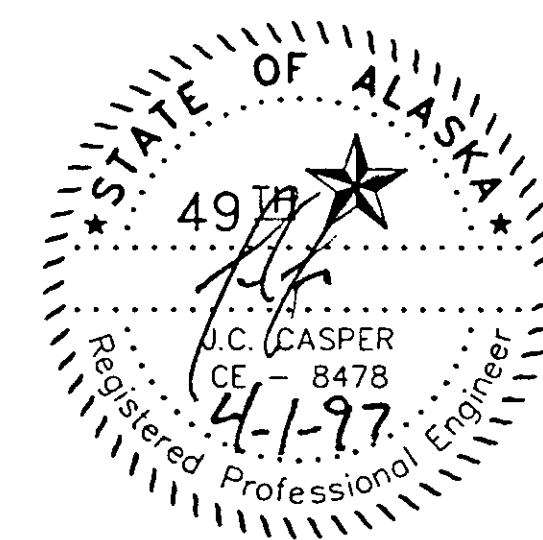
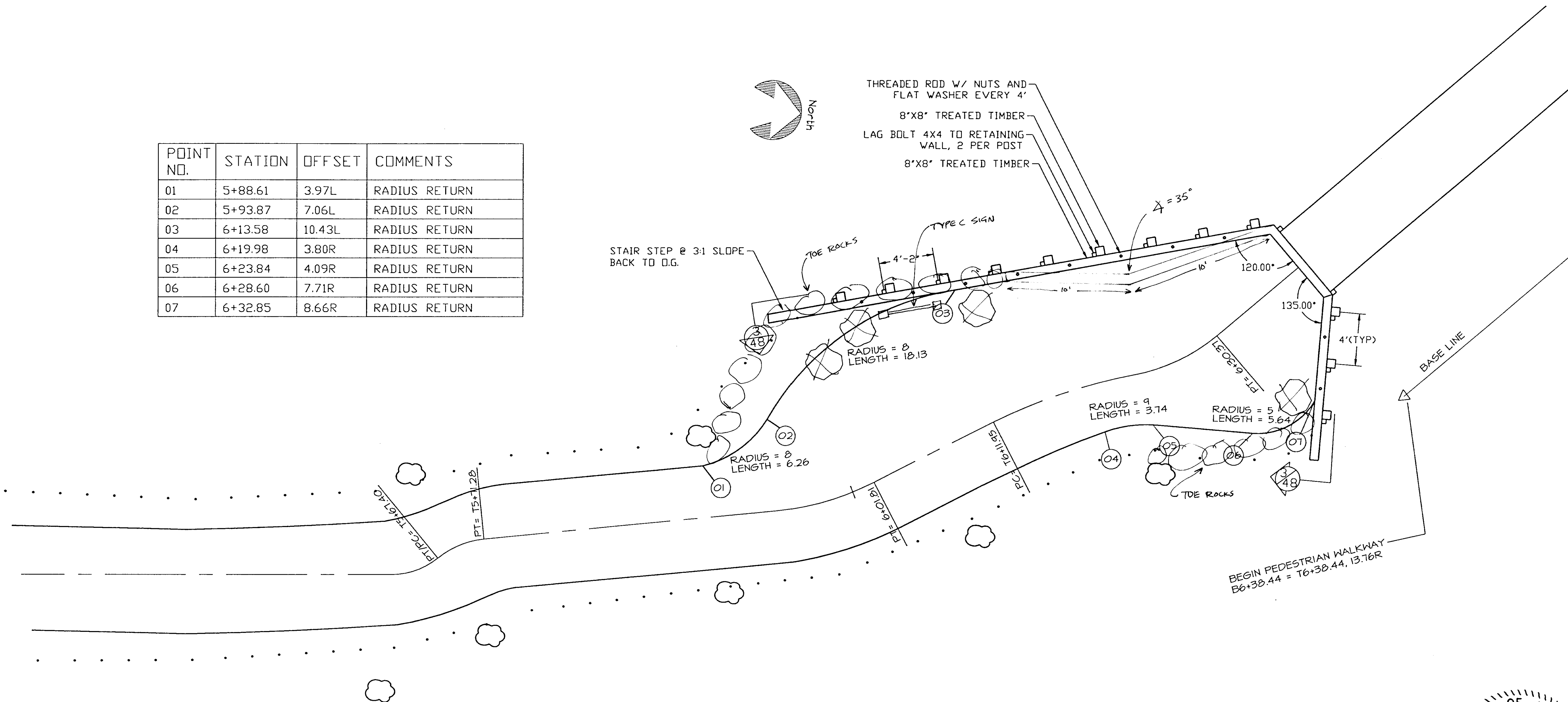


| POINT No. | T-LINE STATION | OFFSET  | COMMENTS                          |
|-----------|----------------|---------|-----------------------------------|
| 1         | 0+79.01        | 19.12 L | MATCH EXISTING PAVEMENT; 1' RAD.  |
| 2         | 0+80.71        | 14.00 L | CENTER COLUMN                     |
| 3         | 0+81.25        | 23.55 L | EDGE PAVEMENT 1' RAD.             |
| 4         | 0+88.08        | 24.84 L | EDGE PAVEMENT; RADIUS RETURN      |
| 5         | 0+89.17        | 18.52 L | RADIUS POINT; R=6.41              |
| 6         | 0+90.88        | 9.39 L  | CENTER COLUMN                     |
| 7         | 0+93.63        | 7.48 R  | MATCH EXISTING PAVEMENT; RAD. PT. |
| 8         | 0+95.12        | 20.93 L | EDGE PAVEMENT; RADIUS RETURN      |
| 9         | 1+01.52        | 4.93 L  | EDGE PAVEMENT; RADIUS RETURN      |
| 10        | 1+03.66        | 16.28 R | RADIUS POINT; R=13.54             |
| 11        | 1+03.66        | 3.00 R  | EDGE PAVEMENT                     |
| 12        | 1+04.38        | 6.09 L  | RADIUS POINT; R=3.09              |
| 13        | 1+04.38        | 3.00 L  | EDGE PAVEMENT                     |



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 24        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| POINT NO. | STATION | OFFSET | COMMENTS      |
|-----------|---------|--------|---------------|
| 01        | 5+88.61 | 3.97L  | RADIUS RETURN |
| 02        | 5+93.87 | 7.06L  | RADIUS RETURN |
| 03        | 6+13.58 | 10.43L | RADIUS RETURN |
| 04        | 6+19.98 | 3.80R  | RADIUS RETURN |
| 05        | 6+23.84 | 4.09R  | RADIUS RETURN |
| 06        | 6+28.60 | 7.71R  | RADIUS RETURN |
| 07        | 6+32.85 | 8.66R  | RADIUS RETURN |



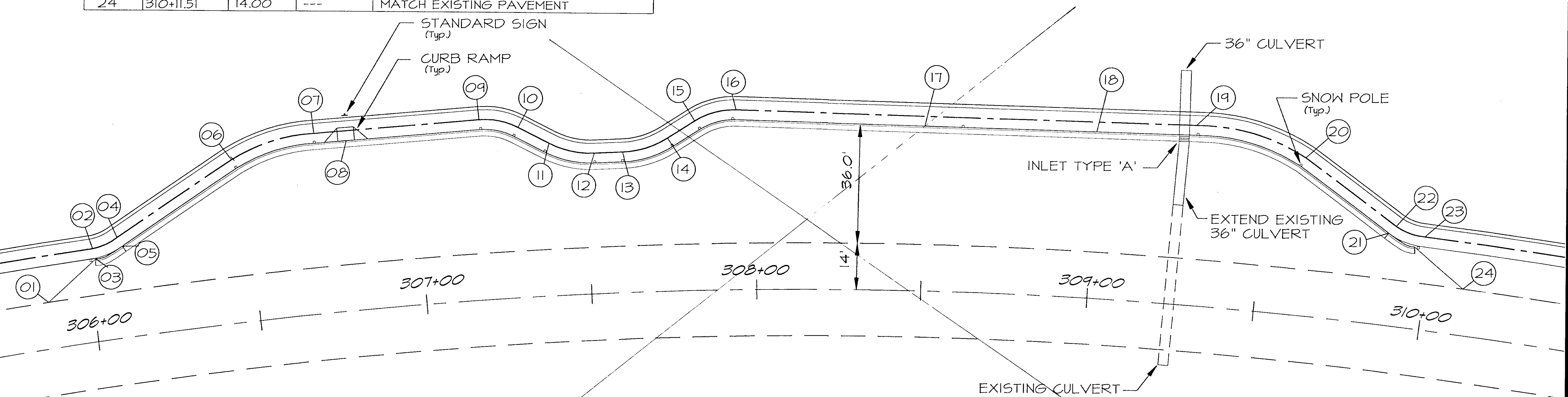
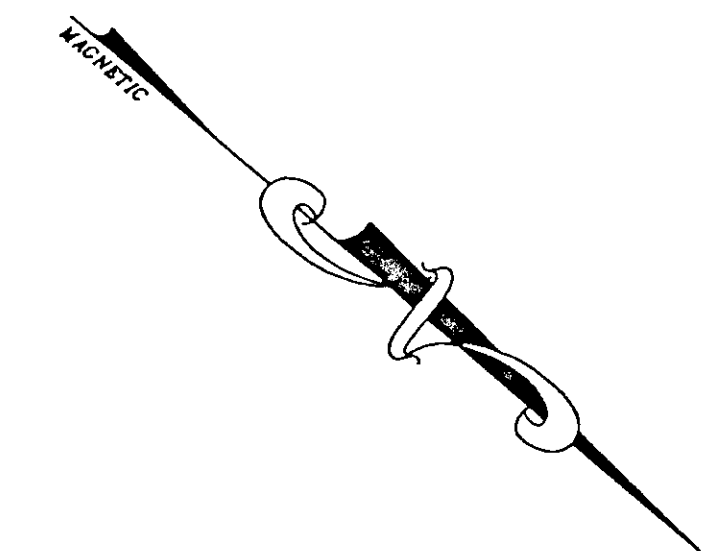


| POINT | H-LINE STATION | OFFSET | ELEV.  | COMMENTS                          |
|-------|----------------|--------|--------|-----------------------------------|
| 01    | 305+87.04      | 14.00  | ---    | MATCH EXISTING PAVEMENT           |
| 02    | 306+02.26      | 27.99  | 103.52 | RADIUS RETURN (R=18.00, L=8.17)   |
| 03    | 306+02.67      | 21.79  | 103.52 | BEGIN CURB & GUTTER               |
| 04    | 306+9.89       | 30.25  | 103.41 | RADIUS RETURN                     |
| 05    | 306+11.29      | 24.48  | 103.39 | BEGIN CURB RETURN / TOP BACK CURB |
| 06    | 306+46.91      | 49.23  | 102.72 | RADIUS RETURN (R=51.00, L=26.11)  |
| 07    | 306+71.31      | 54.50  | 102.40 | RADIUS RETURN                     |
| 08    | 306+80.38      | 51.37  | 102.33 | CENTER CURB RAMP/ TOP BACK CURB   |
| 09    | 307+19.23      | 54.50  | 102.00 | RADIUS RETURN (R=22.00, L=11.88)  |
| 10    | 307+30.41      | 51.46  | 101.96 | RADIUS RETURN                     |
| 11    | 307+39.28      | 46.16  | 102.00 | RADIUS RETURN (R=28.00, L=14.28)  |
| 12    | 307+52.49      | 42.50  | 101.96 | RADIUS RETURN                     |
| 13    | 307+60.82      | 42.50  | 101.89 | RADIUS RETURN (R=28.00, L=14.56)  |
| 14    | 307+74.30      | 46.31  | 101.69 | RADIUS RETURN                     |
| 15    | 307+82.45      | 51.32  | 101.52 | RADIUS RETURN (R=22.00, L=12.98)  |
| 16    | 307+94.49      | 54.45  | 101.36 | RADIUS RETURN                     |
| 17    | 308+50.00      | 52.88  | 100.86 | TOP BACK CURB                     |
| 18    | 309+00.00      | 53.38  | 100.42 | TOP BACK CURB                     |
| 19    | 309+28.54      | 54.45  | 100.08 | RADIUS RETURN (R=59.00, L=34.76)  |
| 20    | 309+60.96      | 47.65  | 100.54 | RADIUS RETURN                     |
| 21    | 309+87.52      | 27.75  | 100.92 | TOP BACK CURB                     |
| 22    | 309+89.50      | 30.04  | 101.23 | RADIUS RETURN (R=18.00, L=9.34)   |
| 23    | 309+98.33      | 28.00  | 101.38 | RADIUS RETURN                     |
| 24    | 310+11.51      | 14.00  | ---    | MATCH EXISTING PAVEMENT           |

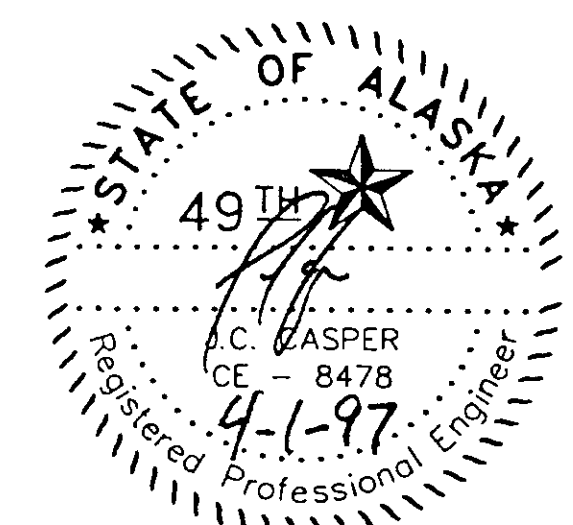
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 25        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

NOTES:

1. SNOW POLE LOCATIONS SHALL BE AT ALL RADIUS RETURNS AND AT THE MID POINT OF ALL TANGENTS LONGER THAN 100'.
2. LOCATIONS SHOWN ARE NOT EXACT, FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION.



SEE SHEET 25 A

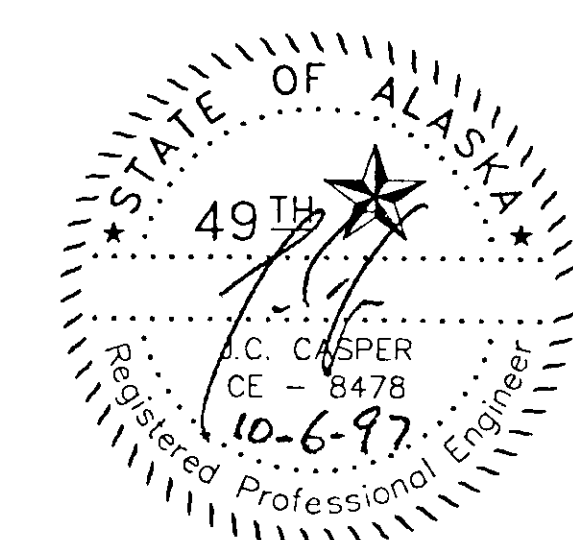
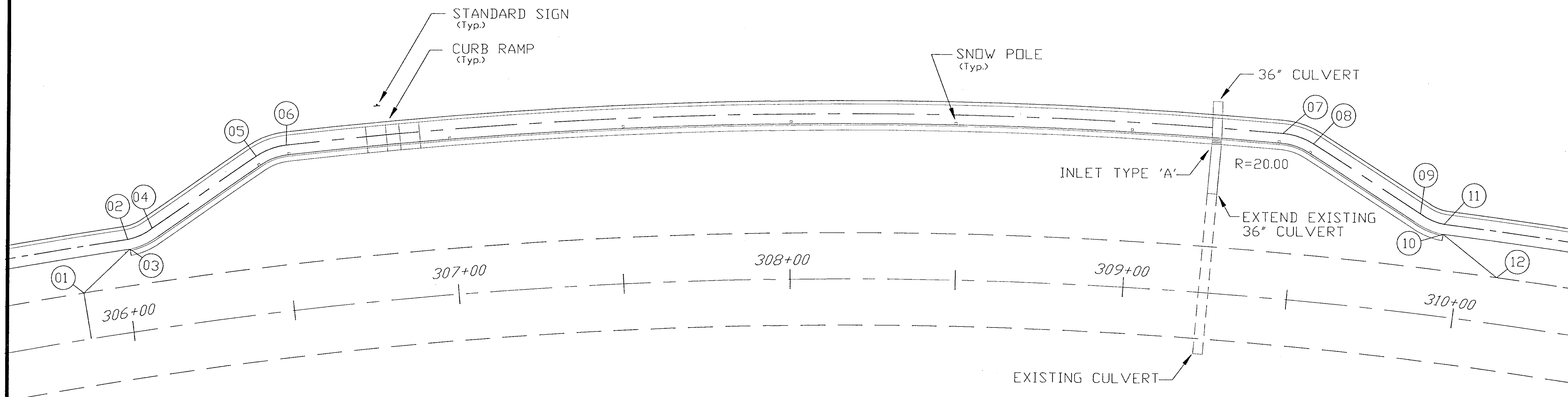
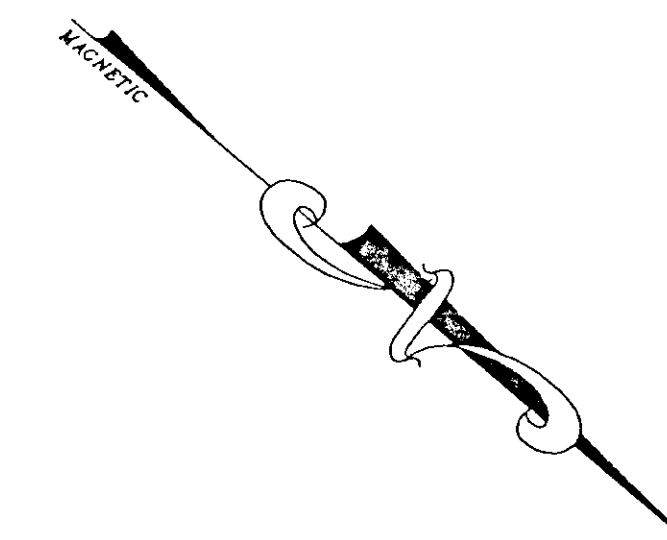


| STATE     | PROJECT DESCRIPTION | YEAR               | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|--------------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996               | 25        | 50           |
| REVISIONS |                     |                    |           |              |
| NO.       | DATE                | DESCRIPTION        |           |              |
| 1         | 6/20/97             | Change trail align |           |              |

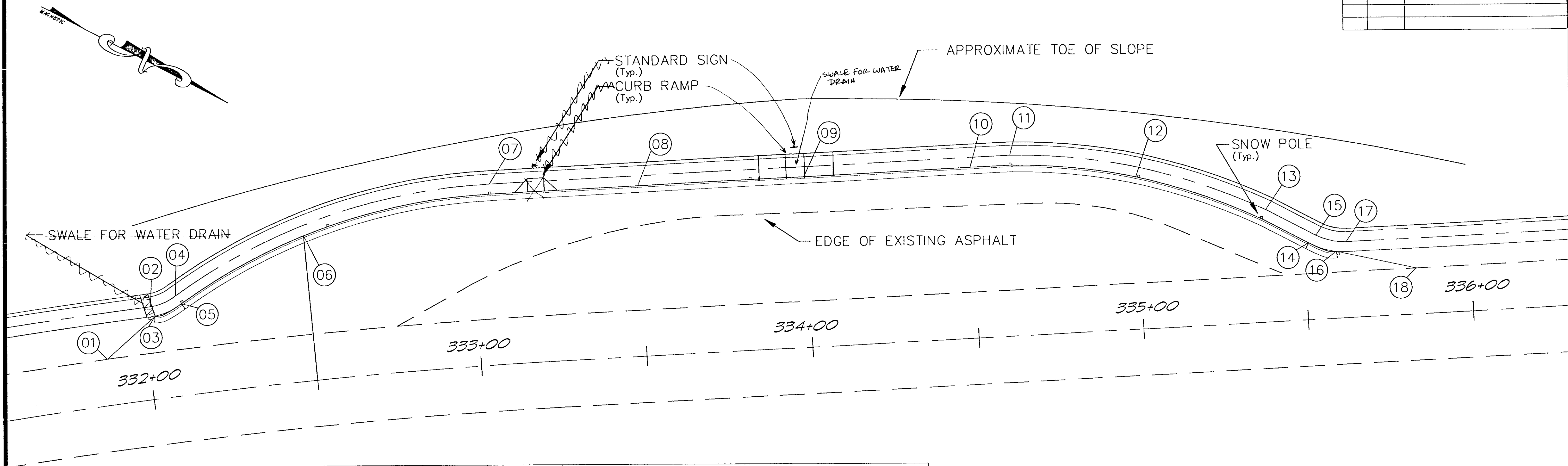
| POINT | H-LINE STATION | OFFSET | COMMENTS                               |
|-------|----------------|--------|--|
| 01    | 305+87.04      | 14.00  | MATCH EXISTING PAVEMENT                |
| 02    | 306+02.26      | 27.99  | RADIUS RETURN (R=18.00) $\phi$ TRAIL   |
| 03    | 306+02.47      | 25.00  | BEGIN CURB & GUTTER (TBC)              |
| 04    | 306+9.89       | 30.25  | RADIUS RETURN (R=18.00) $\phi$ TRAIL   |
| 05    | 306+44.06      | 47.68  | RADIUS RETURN (R=20.00) $\phi$ TRAIL   |
| 06    | 306+53.14      | 50.00  | RADIUS RETURN (R=20/1479) $\phi$ TRAIL |
| 07    | 309+44.43      | 50.00  | RADIUS RETURN (R=20/1479) $\phi$ TRAIL |
| 08    | 309+53.48      | 47.65  | RADIUS RETURN (R=20.00) $\phi$ TRAIL   |
| 09    | 309+86.67      | 30.16  | RADIUS RETURN (R=18.00) $\phi$ TRAIL   |
| 10    | 309+94.07      | 24.89  | END CURB & GUTTER                      |
| 11    | 309+94.29      | 27.88  | RADIUS RETURN (R=18.00) $\phi$ TRAIL   |
| 12    | 310+11.51      | 14.00  | MATCH EXISTING PAVEMENT                |

NOTES:

1. SNOW POLE LOCATIONS SHALL BE AT ALL RADIUS RETURNS AND ON 50 FOOT STA. FOR ALL TANGENTS LONGER THAN 100'.
2. LOCATIONS SHOWN ARE NOT EXACT, FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION.



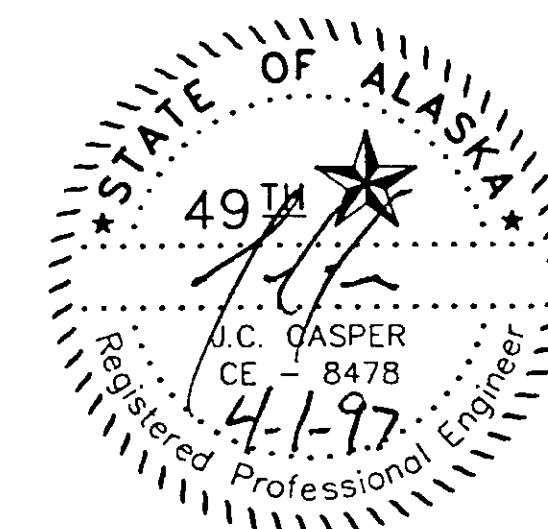
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 26        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



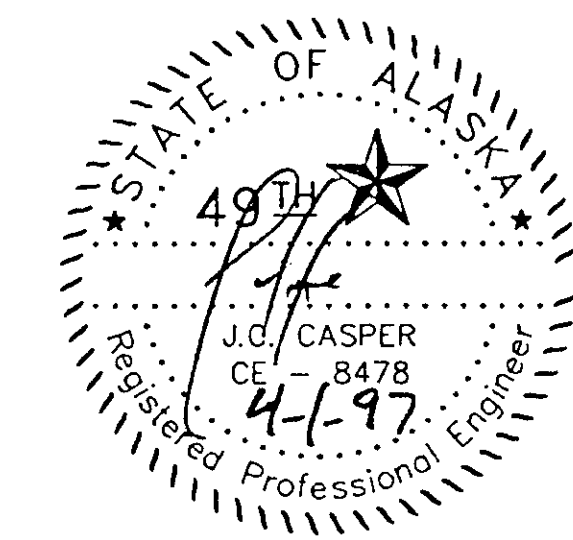
| POINT | H-LINE STATION | OFFSET | ELEV.  | COMMENTS                                  |
|-------|----------------|--------|--------|---|
| 01    | 331+87.60      | 14.00  | ---    | MATCH EXISTING PAVEMENT                   |
| 02    | 332+02.35      | 28.00  | ---    | RADIUS RETURN (R=21.00)                   |
| 03    | 332+03.37      | 24.91  | ---    | BEGIN CURB & GUTTER                       |
| 04    | 332+10.25      | 30.34  | 105.38 | RADIUS RETURN / END SIDEWALK TRANSITION   |
| 05    | 332+11.72      | 27.74  | 105.38 | BEGIN CURB RETURN / TBC                   |
| 06    | 332+50.00      | 43.87  | 105.18 | TOP BACK CURB                             |
| 07    | 333+05.94      | 54.61  | 105.22 | RADIUS RETURN (R=179.00, L=103.08)        |
| 08    | 333+50.00      | 51.50  | 105.31 | TOP BACK CURB                             |
| 09    | 334+00.00      | 51.50  | 105.48 | TOP BACK CURB                             |
| 10    | 334+50.00      | 51.50  | 105.65 | TOP BACK CURB                             |
| 11    | 334+62.18      | 54.50  | 105.75 | RADIUS RETURN                             |
| 12    | 335+00.00      | 45.88  | 105.92 | TOP BACK CURB                             |
| 13    | 335+38.77      | 34.03  | 106.42 | RADIUS RETURN (R=179.00, L=81.21)         |
| 14    | 335+51.30      | 23.33  | 106.56 | END CURB & GUTTER                         |
| 15    | 335+53.59      | 25.48  | 106.64 | RADIUS RETURN / BEGIN SIDEWALK TRANSITION |
| 16    | 335+59.63      | 20.29  | ---    | END CURB & GUTTER / RADIUS RETURN         |
| 17    | 335+62.81      | 23.00  | 106.72 | RADIUS RETURN (R=21.00)                   |
| 18    | 335+83.63      | 14.00  | ---    | MATCH EXISTING PAVEMENT                   |

NOTES:

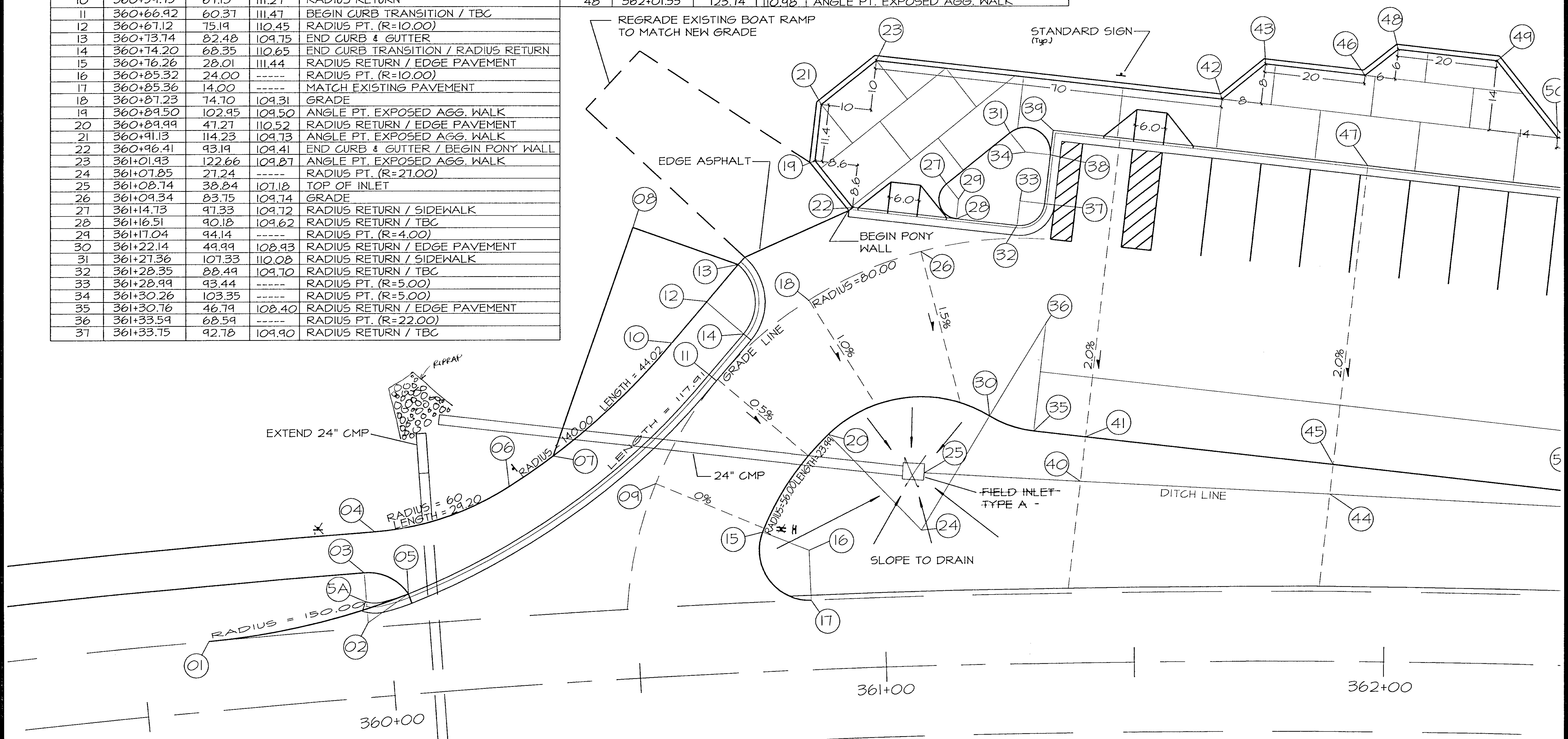
1. SNOW POLE LOCATIONS SHALL BE AT ALL RADIUS RETURNS, MIDPOINT OF ALL CURVES LONGER THAN 50', AND AT THE MID POINT OF ALL TANGENTS LONGER THAN 100'.
2. LOCATIONS SHOWN ARE NOT EXACT, FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION.



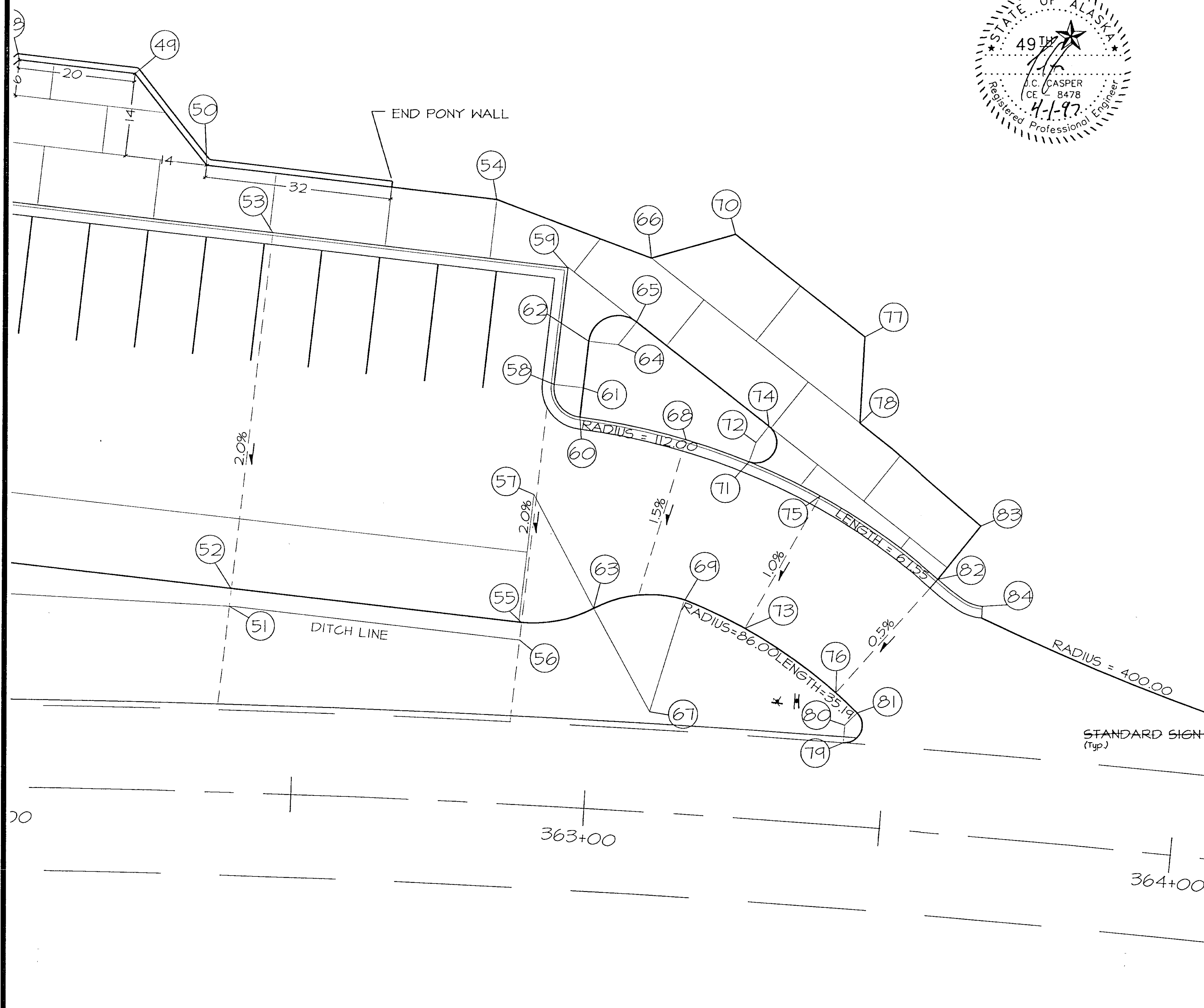
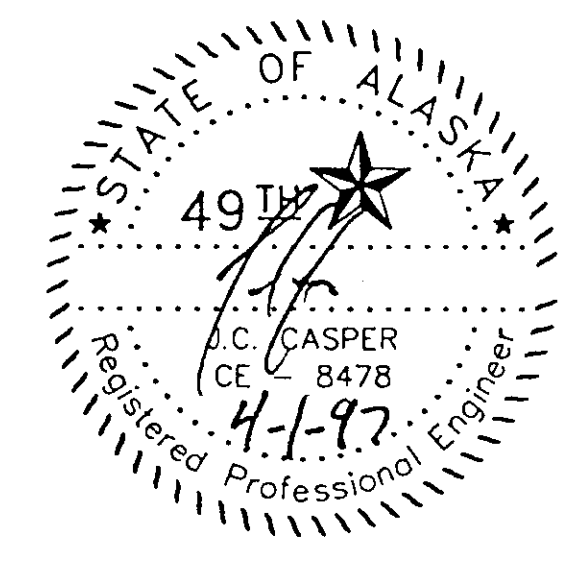
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 27        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |



| POINT No. | H-LINE STATION | OFFSET | ELEV.  | COMMENTS                            | POINT No. | H-LINE STATION | OFFSET | ELEV.  | COMMENTS                    |
|-----------|----------------|--------|--------|-------------------------------------|-----------|----------------|--------|--------|-----------------------------|
| 01        | 359+63.46      | 14.00  | -----  | MATCH EXISTING PAVEMENT             | 38        | 361+35.01      | 102.70 | -----  | RADIUS RETURN / TBC         |
| 02        | 359+95.66      | 15.00  | -----  | RADIUS PT. (R=10.00)                | 39        | 361+36.25      | 106.81 | 110.20 | TOP BACK CURB               |
| 03        | 359+95.72      | 25.00  | -----  | RADIUS RETURN                       | 40        | 361+39.81      | 36.45  | 107.50 | DITCH LINE                  |
| 04        | 359+98.40      | 33.00  | 111.92 | RADIUS RETURN                       | 41        | 361+40.95      | 45.42  | 108.50 | EDGE PAVEMENT               |
| 05        | 360+04.22      | 20.10  | 112.14 | END CURB TRANS. / TBC               | 42        | 361+67.96      | 113.52 | 110.57 | ANGLE PT. EXPOSED AGG. WALK |
| 5A        | 359+95.44      | 19.21  | 111.88 | BEGIN CURB TRANS.                   | 43        | 361+76.39      | 120.56 | 110.69 | ANGLE PT. EXPOSED AGG. WALK |
| 06        | 360+25.99      | 40.14  | -----  | RADIUS RETURN                       | 44        | 361+89.06      | 33.54  | 108.00 | DITCH LINE                  |
| 07        | 360+35.10      | 45.69  | -----  | EDGE PAD / TRAIL                    | 45        | 361+89.70      | 39.56  | 109.00 | EDGE ASPHALT                |
| 08        | 360+53.35      | 91.04  | 110.15 | EDGE PAD                            | 46        | 361+95.29      | 118.39 | 110.89 | ANGLE PT. EXPOSED AGG. WALK |
| 09        | 360+55.16      | 38.90  | 111.44 | GRADE                               | 47        | 361+95.95      | 100.21 | 110.78 | TOP BACK CURB               |
| 10        | 360+59.75      | 67.13  | 111.27 | RADIUS RETURN                       | 48        | 362+01.55      | 123.74 | 110.98 | ANGLE PT. EXPOSED AGG. WALK |
| 11        | 360+66.92      | 60.37  | 111.47 | BEGIN CURB TRANSITION / TBC         |           |                |        |        |                             |
| 12        | 360+67.12      | 75.19  | 110.45 | RADIUS PT. (R=10.00)                |           |                |        |        |                             |
| 13        | 360+73.74      | 82.48  | 109.75 | END CURB & GUTTER                   |           |                |        |        |                             |
| 14        | 360+74.20      | 68.35  | 110.65 | END CURB TRANSITION / RADIUS RETURN |           |                |        |        |                             |
| 15        | 360+76.26      | 28.01  | 111.44 | RADIUS RETURN / EDGE PAVEMENT       |           |                |        |        |                             |
| 16        | 360+85.32      | 24.00  | -----  | RADIUS PT. (R=10.00)                |           |                |        |        |                             |
| 17        | 360+85.36      | 14.00  | -----  | MATCH EXISTING PAVEMENT             |           |                |        |        |                             |
| 18        | 360+87.23      | 74.70  | 109.31 | GRADE                               |           |                |        |        |                             |
| 19        | 360+89.50      | 102.95 | 109.50 | ANGLE PT. EXPOSED AGG. WALK         |           |                |        |        |                             |
| 20        | 360+89.99      | 47.27  | 110.52 | RADIUS RETURN / EDGE PAVEMENT       |           |                |        |        |                             |
| 21        | 360+91.13      | 114.23 | 109.73 | ANGLE PT. EXPOSED AGG. WALK         |           |                |        |        |                             |
| 22        | 360+96.41      | 93.19  | 109.41 | END CURB & GUTTER / BEGIN PONY WALL |           |                |        |        |                             |
| 23        | 361+01.93      | 122.66 | 109.87 | ANGLE PT. EXPOSED AGG. WALK         |           |                |        |        |                             |
| 24        | 361+07.85      | 27.24  | -----  | RADIUS PT. (R=27.00)                |           |                |        |        |                             |
| 25        | 361+08.74      | 38.84  | 107.18 | TOP OF INLET                        |           |                |        |        |                             |
| 26        | 361+09.34      | 83.75  | 109.74 | GRADE                               |           |                |        |        |                             |
| 27        | 361+14.73      | 97.33  | 109.72 | RADIUS RETURN / SIDEWALK            |           |                |        |        |                             |
| 28        | 361+16.51      | 90.18  | 109.62 | RADIUS RETURN / TBC                 |           |                |        |        |                             |
| 29        | 361+17.04      | 94.14  | -----  | RADIUS PT. (R=4.00)                 |           |                |        |        |                             |
| 30        | 361+22.14      | 49.99  | 108.93 | RADIUS RETURN / EDGE PAVEMENT       |           |                |        |        |                             |
| 31        | 361+27.36      | 107.33 | 110.08 | RADIUS RETURN / SIDEWALK            |           |                |        |        |                             |
| 32        | 361+28.35      | 88.49  | 109.70 | RADIUS RETURN / TBC                 |           |                |        |        |                             |
| 33        | 361+28.99      | 93.44  | -----  | RADIUS PT. (R=5.00)                 |           |                |        |        |                             |
| 34        | 361+30.26      | 103.35 | -----  | RADIUS PT. (R=5.00)                 |           |                |        |        |                             |
| 35        | 361+30.76      | 46.79  | 108.40 | RADIUS RETURN / EDGE PAVEMENT       |           |                |        |        |                             |
| 36        | 361+33.59      | 68.59  | -----  | RADIUS PT. (R=22.00)                |           |                |        |        |                             |
| 37        | 361+33.75      | 92.78  | 109.90 | RADIUS RETURN / TBC                 |           |                |        |        |                             |



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 28        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |

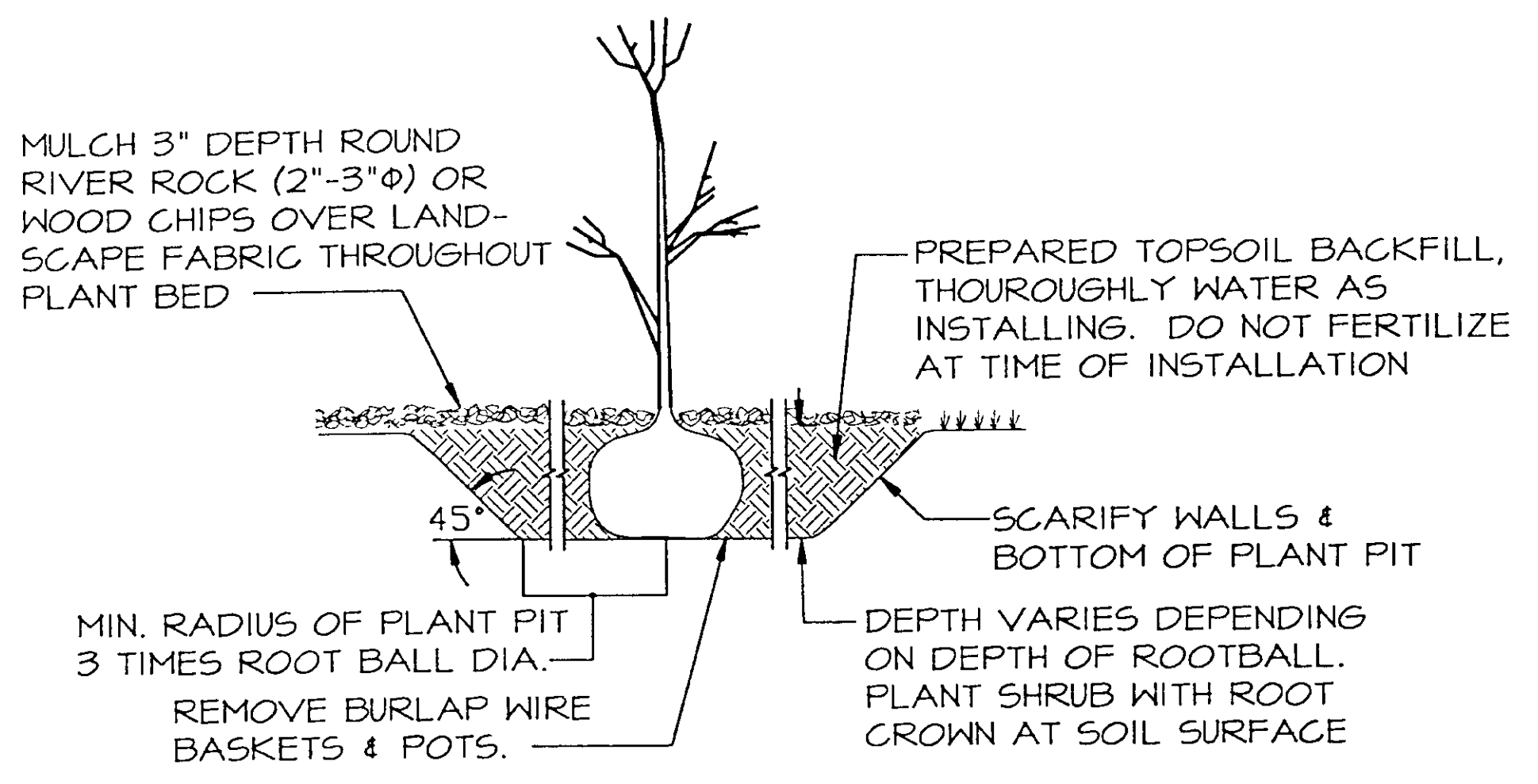
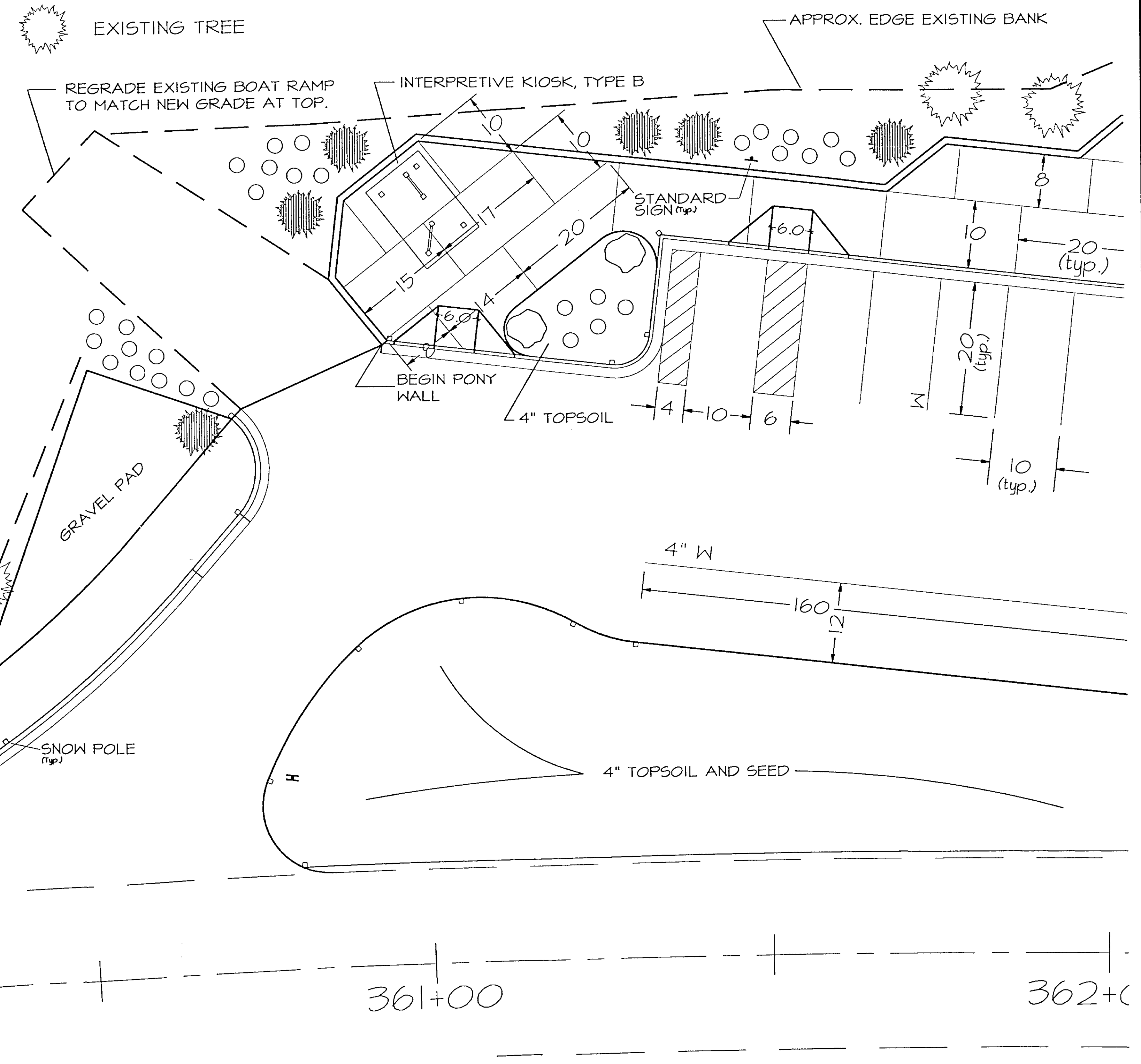


| POINT No. | H-LINE STATION | OFFSET | ELEV.  | COMMENTS                       |
|-----------|----------------|--------|--------|--------------------------------|
| 49        | 362+20.45      | 121.78 | 111.18 | ANGLE PT. EXPOSED AGG. WALK    |
| 50        | 362+32.52      | 106.57 | 111.25 | ANGLE PT. EXPOSED AGG. WALK    |
| 51        | 362+38.43      | 31.68  | 108.50 | DITCH LINE                     |
| 52        | 362+38.68      | 34.67  | 109.50 | EDGE ASPHALT                   |
| 53        | 362+43.71      | 95.52  | 111.28 | TOP BACK CURB                  |
| 54        | 362+80.20      | 102.66 | 111.75 | ANGLE PT. EXPOSED AGG. WALK    |
| 55        | 362+87.65      | 31.00  | 110.00 | EDGE ASPHALT                   |
| 56        | 362+87.35      | 28.00  | 109.00 | DITCH LINE                     |
| 57        | 362+88.77      | 52.97  | -----  | RADIUS PT. (R=22.00)           |
| 58        | 362+91.14      | 71.85  | 111.43 | RADIUS RETURN / TBC            |
| 59        | 362+92.35      | 91.81  | 111.83 | TOP BACK CURB                  |
| 60        | 362+95.68      | 66.55  | 111.45 | RADIUS RETURN / TBC            |
| 61        | 362+95.98      | 71.54  | -----  | RADIUS PT. (R=5.00)            |
| 62        | 362+96.45      | 79.51  | 111.70 | RADIUS RETURN / SIDEWALK       |
| 63        | 362+99.75      | 34.03  | 110.59 | RADIUS RETURN / EDGE ASPHALT   |
| 64        | 363+01.27      | 79.21  | -----  | RADIUS PT. (R=5.00)            |
| 65        | 363+04.06      | 83.29  | 112.06 | RADIUS RETURN / SIDEWALK       |
| 66        | 363+05.75      | 94.20  | 112.10 | ANGLE PT. EXPOSED AGG. WALK    |
| 67        | 363+10.10      | 16.98  | -----  | RADIUS PT. (R=20.00)           |
| 68        | 363+13.28      | 63.81  | 111.94 | TOP BACK CURB                  |
| 69        | 363+14.70      | 36.44  | 111.29 | RADIUS RETURN / EDGE PAVEMENT  |
| 70        | 363+19.06      | 99.12  | 112.26 | ANGLE PT. EXPOSED AGG. WALK    |
| 71        | 363+23.80      | 60.75  | 112.28 | RADIUS RETURN / SIDEWALK       |
| 72        | 363+24.73      | 64.12  | -----  | RADIUS PT. (R=3.50)            |
| 73        | 363+25.03      | 32.26  | 111.76 | EDGE PAVEMENT                  |
| 74        | 363+26.63      | 67.02  | 112.52 | RADIUS RETURN / SIDEWALK       |
| 75        | 363+35.91      | 55.78  | 112.60 | TOP BACK CURB                  |
| 76        | 363+40.93      | 22.41  | 112.55 | EDGE PAVEMENT                  |
| 77        | 363+41.29      | 83.31  | 112.82 | ANGLE PT. EXPOSED AGG. WALK    |
| 78        | 363+41.54      | 68.61  | 112.76 | ANGLE PT. EXPOSED AGG. WALK    |
| 79        | 363+42.81      | 14.00  | -----  | RADIUS RETURN / MATCH EXISTING |
| 80        | 363+42.81      | 17.00  | -----  | RADIUS PT. (R=3.00)            |
| 81        | 363+44.77      | 19.25  | -----  | RADIUS RETURN / EDGE ASPHALT   |
| 82        | 363+56.49      | 43.07  | 113.27 | BEGIN CURB RETURN / TBC        |
| 83        | 363+62.87      | 57.78  | 113.33 | END EXPOSED AGG. WALK          |
| 84        | 363+64.30      | 39.15  | 112.77 | END CURB RETURN / TBC          |
| 85        | 364+88.77      | 14.00  | -----  | MATCH EXISTING PAVEMENT        |

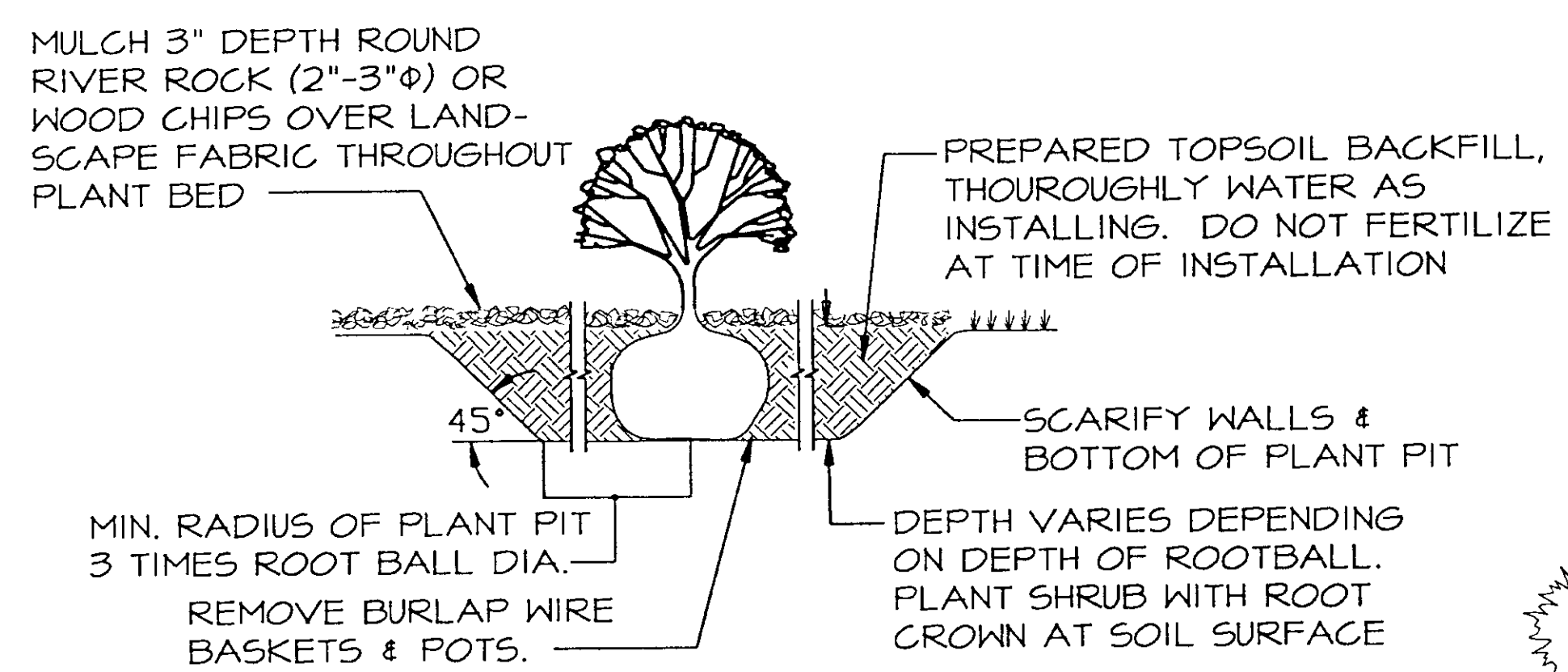
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 29        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

PLANT SCHEDULE

| SYMBOL | BOTANICAL NAME      | COMMON NAME       | SIZE          |
|--------|---------------------|-------------------|---------------|
|        | POPULUS trichocarpa | BLACK COTTON WOOD | 5 - 6 Ft      |
|        | ROSA acicularis     | PRICKLY ROSE      | 15 - 18 Inch. |



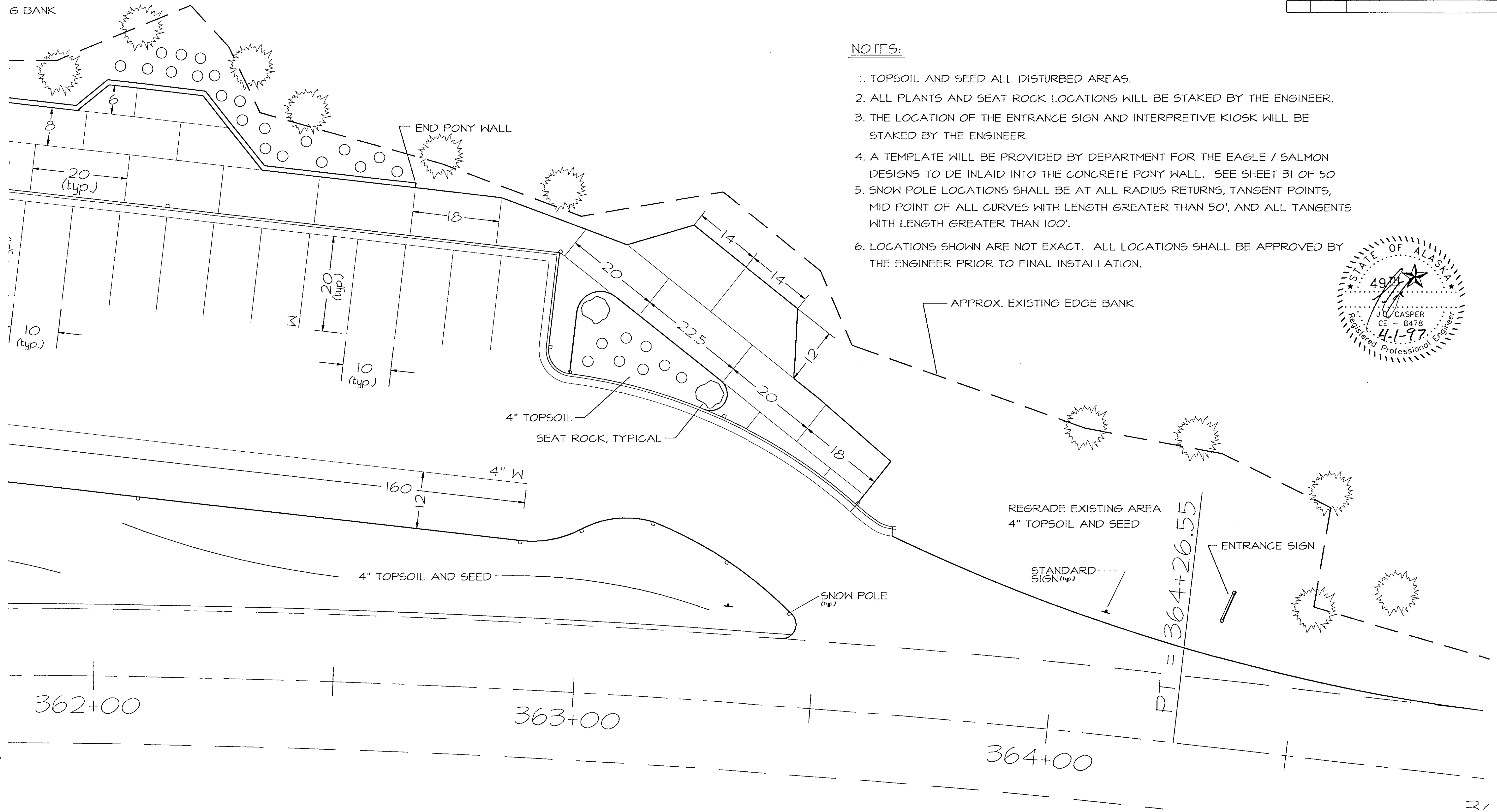
DECIDUOUS



SHRUB

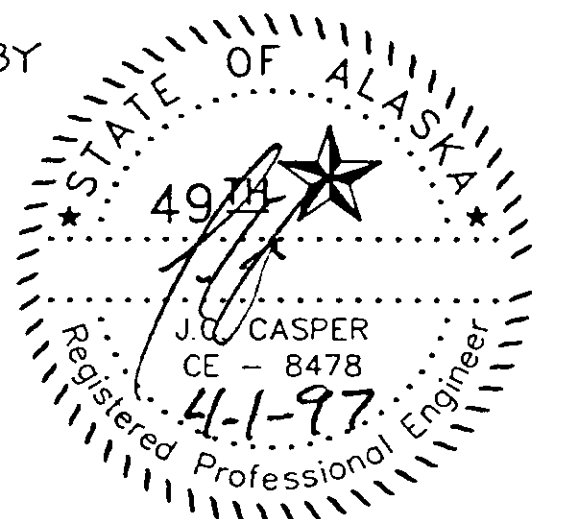


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 30        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

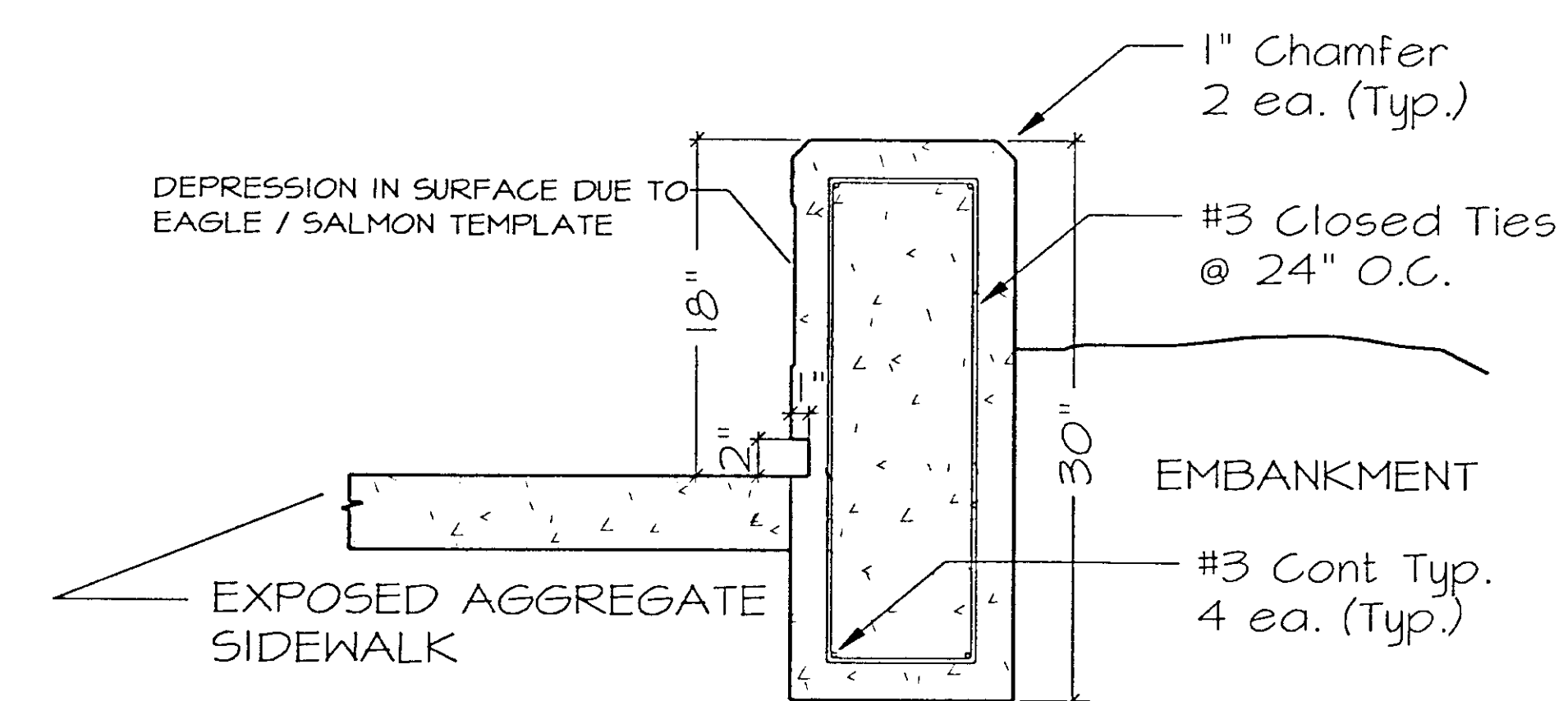
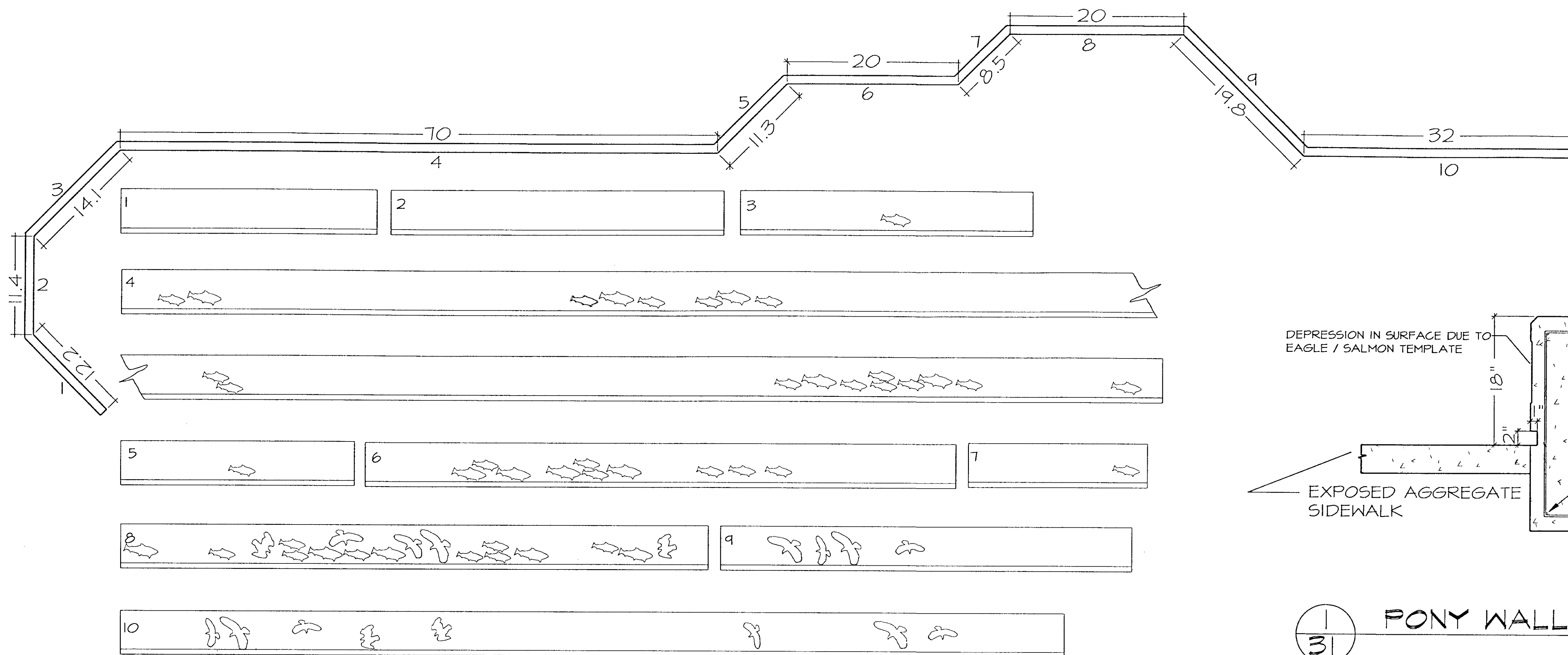


**NOTES:**

1. TOPSOIL AND SEED ALL DISTURBED AREAS.
2. ALL PLANTS AND SEAT ROCK LOCATIONS WILL BE STAKED BY THE ENGINEER.
3. THE LOCATION OF THE ENTRANCE SIGN AND INTERPRETIVE KIOSK WILL BE STAKED BY THE ENGINEER.
4. A TEMPLATE WILL BE PROVIDED BY DEPARTMENT FOR THE EAGLE / SALMON DESIGNS TO BE INLAID INTO THE CONCRETE PONY WALL. SEE SHEET 31 OF 50
5. SNOW POLE LOCATIONS SHALL BE AT ALL RADIUS RETURNS, TANGENT POINTS, MID POINT OF ALL CURVES WITH LENGTH GREATER THAN 50', AND ALL TANGENTS WITH LENGTH GREATER THAN 100'.
6. LOCATIONS SHOWN ARE NOT EXACT. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION.



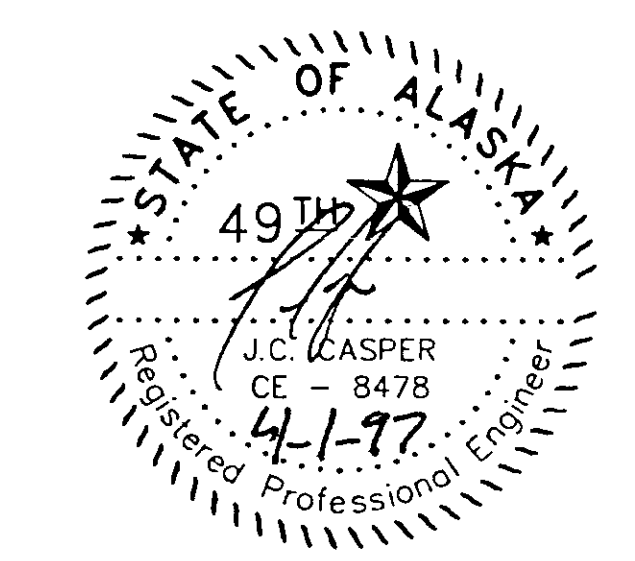
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 31        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



31 PONY WALL DETAIL

NOTES:

1. ALL TEMPLATES WILL BE SUPPLIED BY THE DEPARTMENT.
2. PLACEMENT OF TEMPLATES ON FORMS WILL BE DONE BY THE ENGINEER.
3. THE CONTRACTOR SHALL GIVE THE ENGINEER 48 HOUR NOTICE PRIOR TO FORMING AND POURING PONY WALL.
4. EMBANKMENT SHALL BE BUILT UP BEHIND PONY WALL 2/3 UP WALL HEIGHT.



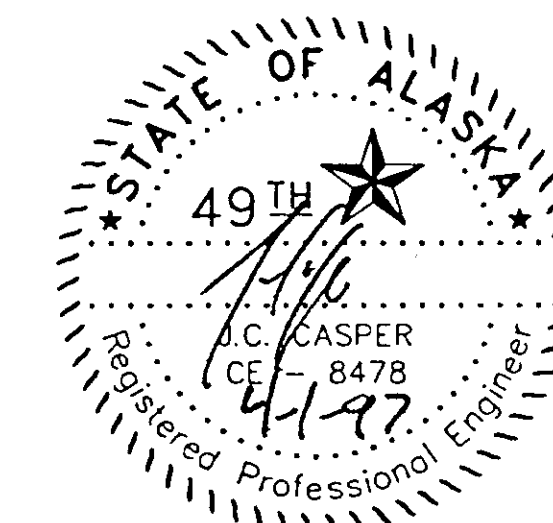
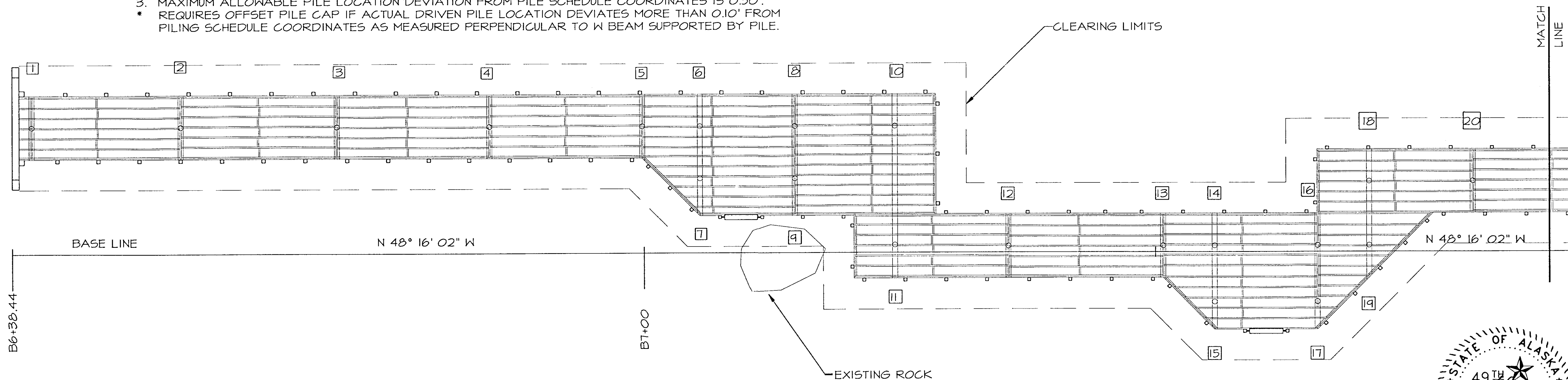


| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1997        | 32        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| PEDESTRIAN WALKWAY PILING SCHEDULE |          |         |              |                     |                      |
|------------------------------------|----------|---------|--------------|---------------------|----------------------|
| PILING No.                         | STATION  | OFFSET  | CUTOFF ELEV. | MINIMUM PENETRATION | APPROX. GROUND ELEV. |
| 1                                  | B6+40.31 | 12.39 L | 91.63        | 15.00               | 90.48                |
| 2                                  | B6+54.82 | 12.39 L | 91.93        | 15.00               | 90.18                |
| 3                                  | B6+69.82 | 12.39 L | 92.23        | 15.00               | 89.89                |
| 4                                  | B6+84.82 | 12.39 L | 92.53        | 15.00               | 89.89                |
| 5*                                 | B6+99.82 | 12.39 L | 92.83        | 15.00               | 90.31                |
| 6*                                 | B7+05.48 | 12.39 L | 92.92        | 15.00               | 90.47                |
| 7*                                 | B7+05.48 | 7.26 L  | 92.92        | 15.00               | 90.47                |
| 8                                  | B7+14.82 | 12.39 L | 93.12        | 15.00               | 90.72                |
| 9                                  | B7+14.82 | 7.26 L  | 93.12        | 15.00               | 90.72                |
| 10                                 | B7+24.61 | 11.66 L | 93.32        | 15.00               | 91.00                |
| 11                                 | B7+24.61 | 0.73 L  | 93.32        | 15.00               | 91.00                |
| 12                                 | B7+35.74 | 0.61 L  | 93.52        | 15.00               | 91.30                |
| 13*                                | B7+50.74 | 0.61 L  | 93.82        | 15.00               | 91.44                |
| 14*                                | B7+55.74 | 0.61 L  | 94.12        | 15.00               | 91.35                |
| 15*                                | B7+55.74 | 4.82 R  | 94.12        | 15.00               | 91.35                |
| 16*                                | B7+65.74 | 0.61 L  | 94.32        | 15.00               | 91.15                |
| 17*                                | B7+65.74 | 4.82 R  | 94.32        | 15.00               | 91.15                |
| 18*                                | B7+70.74 | 6.86 L  | 94.42        | 15.00               | 91.06                |
| 19*                                | B7+70.74 | 0.61 L  | 94.42        | 15.00               | 91.06                |
| 20                                 | B7+80.80 | 6.86 L  | 94.65        | 15.00               | 90.87                |

**NOTES:**

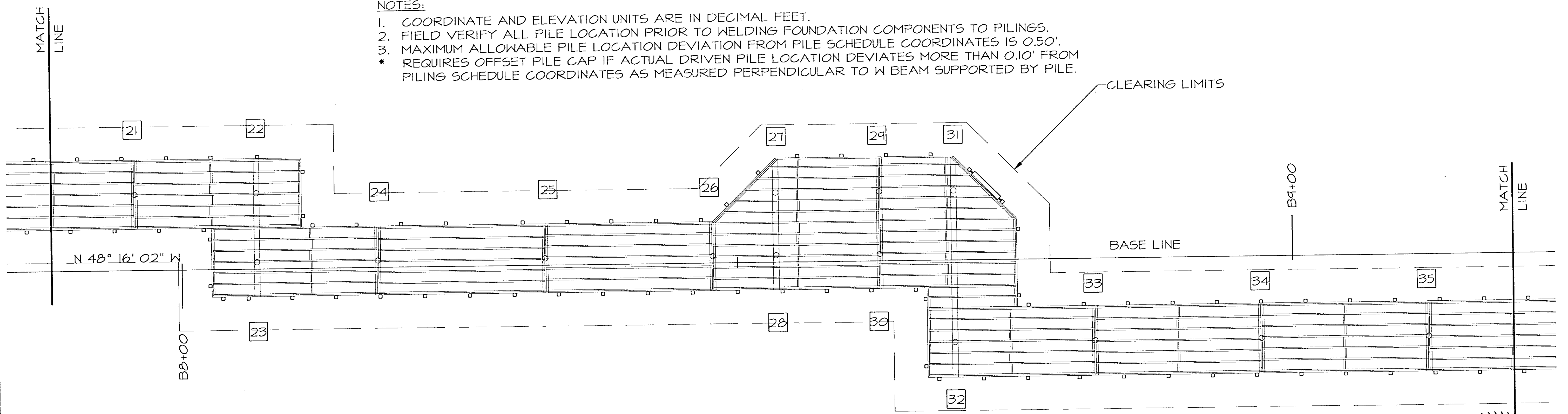
- COORDINATE AND ELEVATION UNITS ARE IN DECIMAL FEET.
- FIELD VERIFY ALL PILE LOCATION PRIOR TO WELDING FOUNDATION COMPONENTS TO PILING.
- MAXIMUM ALLOWABLE PILE LOCATION DEVIATION FROM PILE SCHEDULE COORDINATES IS 0.50'.
  - \* REQUIRES OFFSET PILE CAP IF ACTUAL DRIVEN PILE LOCATION DEVIATES MORE THAN 0.10' FROM PILING SCHEDULE COORDINATES AS MEASURED PERPENDICULAR TO W BEAM SUPPORTED BY PILE.



|           |                     |             |           |              |
|-----------|---------------------|-------------|-----------|--------------|
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
| AK        | TEA-095-6(16)/72025 | 1996        | 33        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| PEDESTRIAN WALKWAY PILING SCHEDULE |          |        |              |                     |                      |
|------------------------------------|----------|--------|--------------|---------------------|----------------------|
| PILING No.                         | STATION  | OFFSET | CUTOFF ELEV. | MINIMUM PENETRATION | APPROX. GROUND ELEV. |
| 21                                 | B7+95.80 | 6.86 L | 94.65        | 15.00               | 92.86                |
| 22                                 | B8+06.80 | 6.86 L | 94.65        | 15.00               | 92.67                |
| 23                                 | B8+06.80 | 0.61 L | 94.65        | 15.00               | 92.67                |
| 24                                 | B8+17.80 | 0.61 L | 94.65        | 15.00               | 92.48                |
| 25                                 | B8+32.80 | 0.61 L | 94.65        | 15.00               | 92.22                |
| 26*                                | B8+47.80 | 0.61 L | 94.65        | 15.00               | 92.45                |
| 27*                                | B8+53.46 | 6.27 L | 94.65        | 15.00               | 92.58                |
| 28*                                | B8+53.46 | 0.61 L | 94.65        | 15.00               | 92.58                |
| 29                                 | B8+62.80 | 6.27 L | 94.65        | 15.00               | 92.81                |
| 30                                 | B8+62.80 | 0.61 L | 94.65        | 15.00               | 92.81                |
| 31*                                | B8+69.46 | 6.26 L | 94.65        | 15.00               | 92.97                |
| 32*                                | B8+69.46 | 7.39 R | 94.65        | 15.00               | 92.97                |
| 33                                 | B8+82.11 | 7.39 R | 94.65        | 15.00               | 92.99                |
| 34                                 | B8+97.11 | 7.39 R | 94.65        | 15.00               | 92.68                |
| 35                                 | B9+12.11 | 7.39 R | 94.65        | 15.00               | 92.44                |

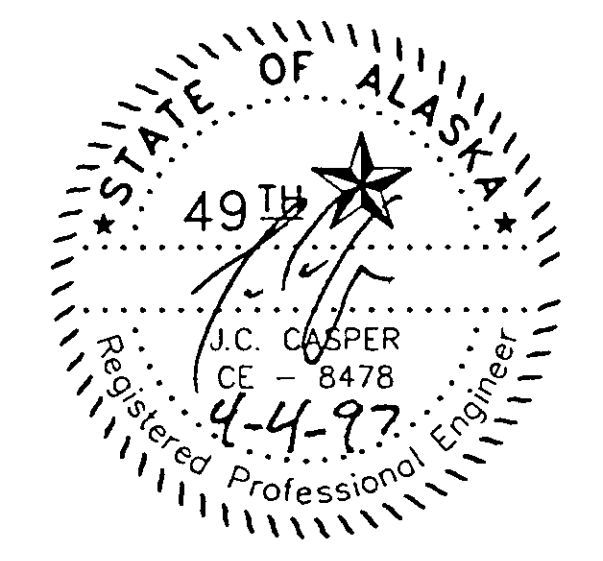
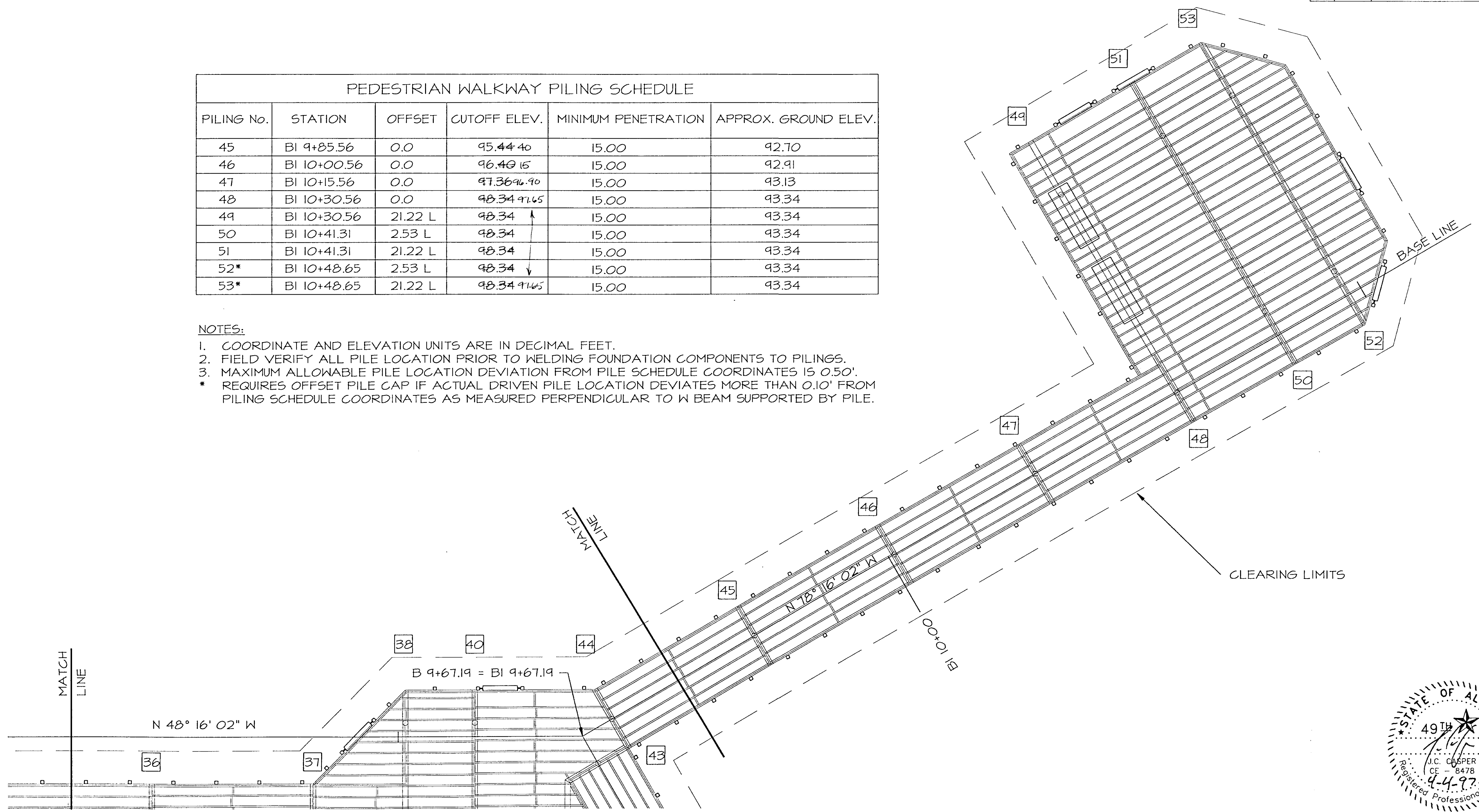
- NOTES:
- COORDINATE AND ELEVATION UNITS ARE IN DECIMAL FEET.
  - FIELD VERIFY ALL PILE LOCATION PRIOR TO WELDING FOUNDATION COMPONENTS TO PILING.
  - MAXIMUM ALLOWABLE PILE LOCATION DEVIATION FROM PILE SCHEDULE COORDINATES IS 0.50'.
    - \* REQUIRES OFFSET PILE CAP IF ACTUAL DRIVEN PILE LOCATION DEVIATES MORE THAN 0.10' FROM PILING SCHEDULE COORDINATES AS MEASURED PERPENDICULAR TO W BEAM SUPPORTED BY PILE.



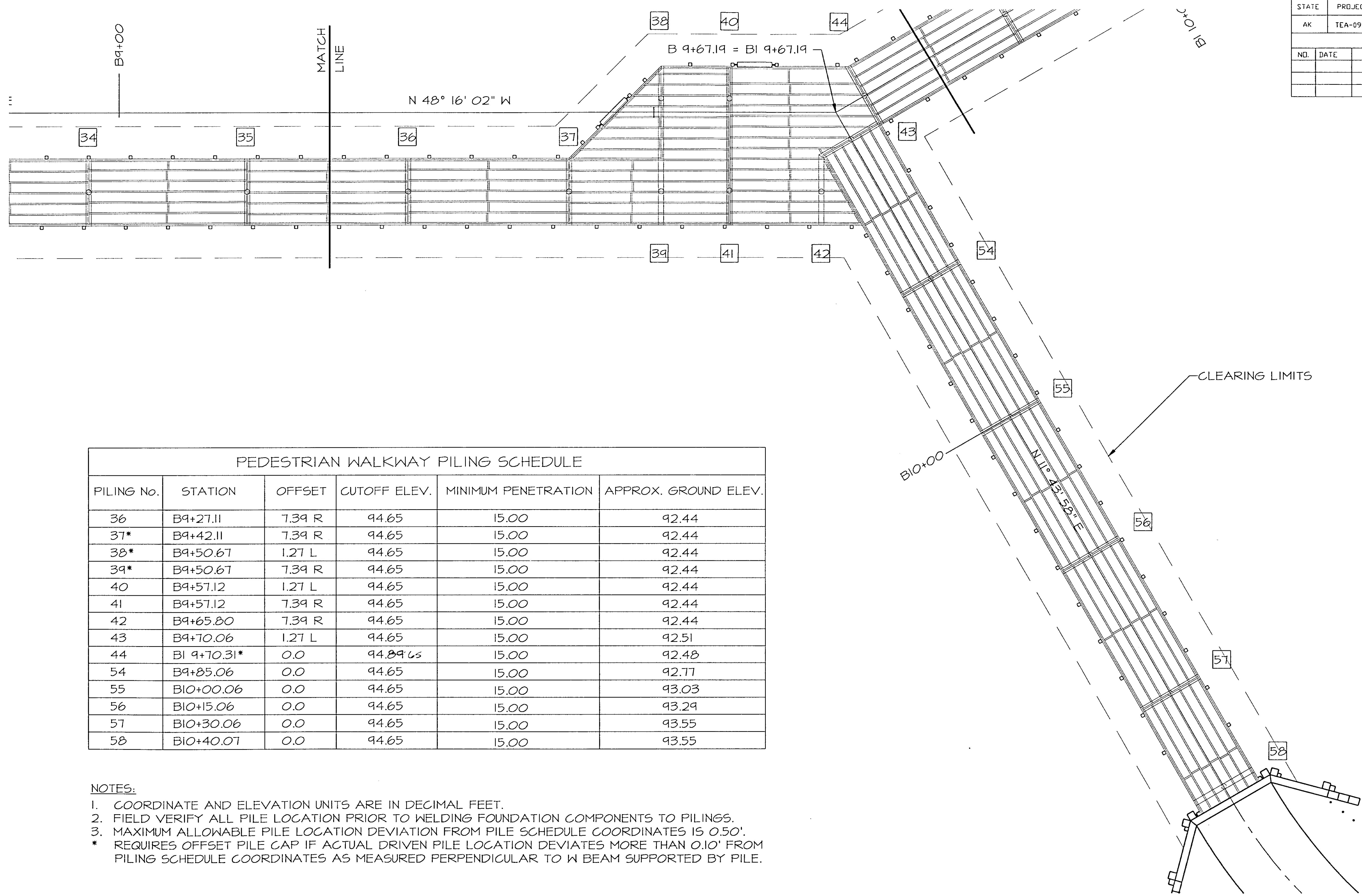
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1997        | 34        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| PEDESTRIAN WALKWAY PILING SCHEDULE |             |         |              |                     |                      |
|------------------------------------|-------------|---------|--------------|---------------------|----------------------|
| PILING No.                         | STATION     | OFFSET  | CUTOFF ELEV. | MINIMUM PENETRATION | APPROX. GROUND ELEV. |
| 45                                 | BI 9+85.56  | 0.0     | 95.44 40     | 15.00               | 92.70                |
| 46                                 | BI 10+00.56 | 0.0     | 96.40 15     | 15.00               | 92.91                |
| 47                                 | BI 10+15.56 | 0.0     | 97.36 96.90  | 15.00               | 93.13                |
| 48                                 | BI 10+30.56 | 0.0     | 98.34 97.65  | 15.00               | 93.34                |
| 49                                 | BI 10+30.56 | 21.22 L | 98.34        | 15.00               | 93.34                |
| 50                                 | BI 10+41.31 | 2.53 L  | 98.34        | 15.00               | 93.34                |
| 51                                 | BI 10+41.31 | 21.22 L | 98.34        | 15.00               | 93.34                |
| 52*                                | BI 10+48.65 | 2.53 L  | 98.34        | 15.00               | 93.34                |
| 53*                                | BI 10+48.65 | 21.22 L | 98.34 97.65  | 15.00               | 93.34                |

- NOTES:
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|           |                     |             |           |              |
|-----------|---------------------|-------------|-----------|--------------|
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
| AK        | TEA-095-6(16)/72025 | 1997        | 35        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |



| PEDESTRIAN WALKWAY PILING SCHEDULE |             |        |              |                     |                      |
|------------------------------------|-------------|--------|--------------|---------------------|----------------------|
| PILING No.                         | STATION     | OFFSET | CUTOFF ELEV. | MINIMUM PENETRATION | APPROX. GROUND ELEV. |
| 36                                 | B9+27.11    | 7.39 R | 94.65        | 15.00               | 92.44                |
| 37*                                | B9+42.11    | 7.39 R | 94.65        | 15.00               | 92.44                |
| 38*                                | B9+50.67    | 1.27 L | 94.65        | 15.00               | 92.44                |
| 39*                                | B9+50.67    | 7.39 R | 94.65        | 15.00               | 92.44                |
| 40                                 | B9+57.12    | 1.27 L | 94.65        | 15.00               | 92.44                |
| 41                                 | B9+57.12    | 7.39 R | 94.65        | 15.00               | 92.44                |
| 42                                 | B9+65.80    | 7.39 R | 94.65        | 15.00               | 92.44                |
| 43                                 | B9+70.06    | 1.27 L | 94.65        | 15.00               | 92.51                |
| 44                                 | B1 9+70.31* | 0.0    | 94.8965      | 15.00               | 92.48                |
| 54                                 | B9+85.06    | 0.0    | 94.65        | 15.00               | 92.77                |
| 55                                 | B10+00.06   | 0.0    | 94.65        | 15.00               | 93.03                |
| 56                                 | B10+15.06   | 0.0    | 94.65        | 15.00               | 93.29                |
| 57                                 | B10+30.06   | 0.0    | 94.65        | 15.00               | 93.55                |
| 58                                 | B10+40.07   | 0.0    | 94.65        | 15.00               | 93.55                |

NOTES:

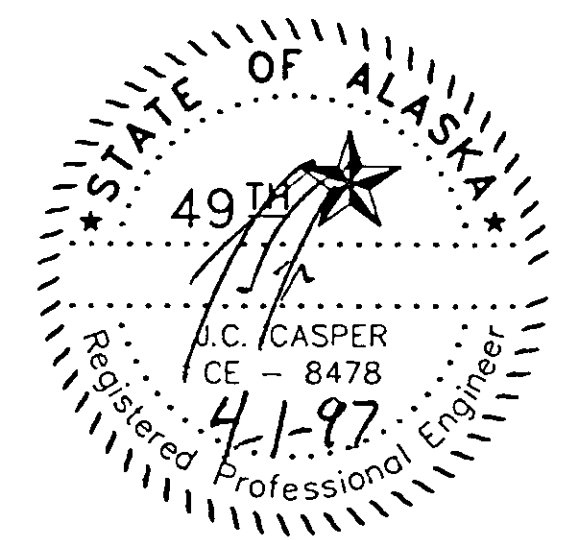
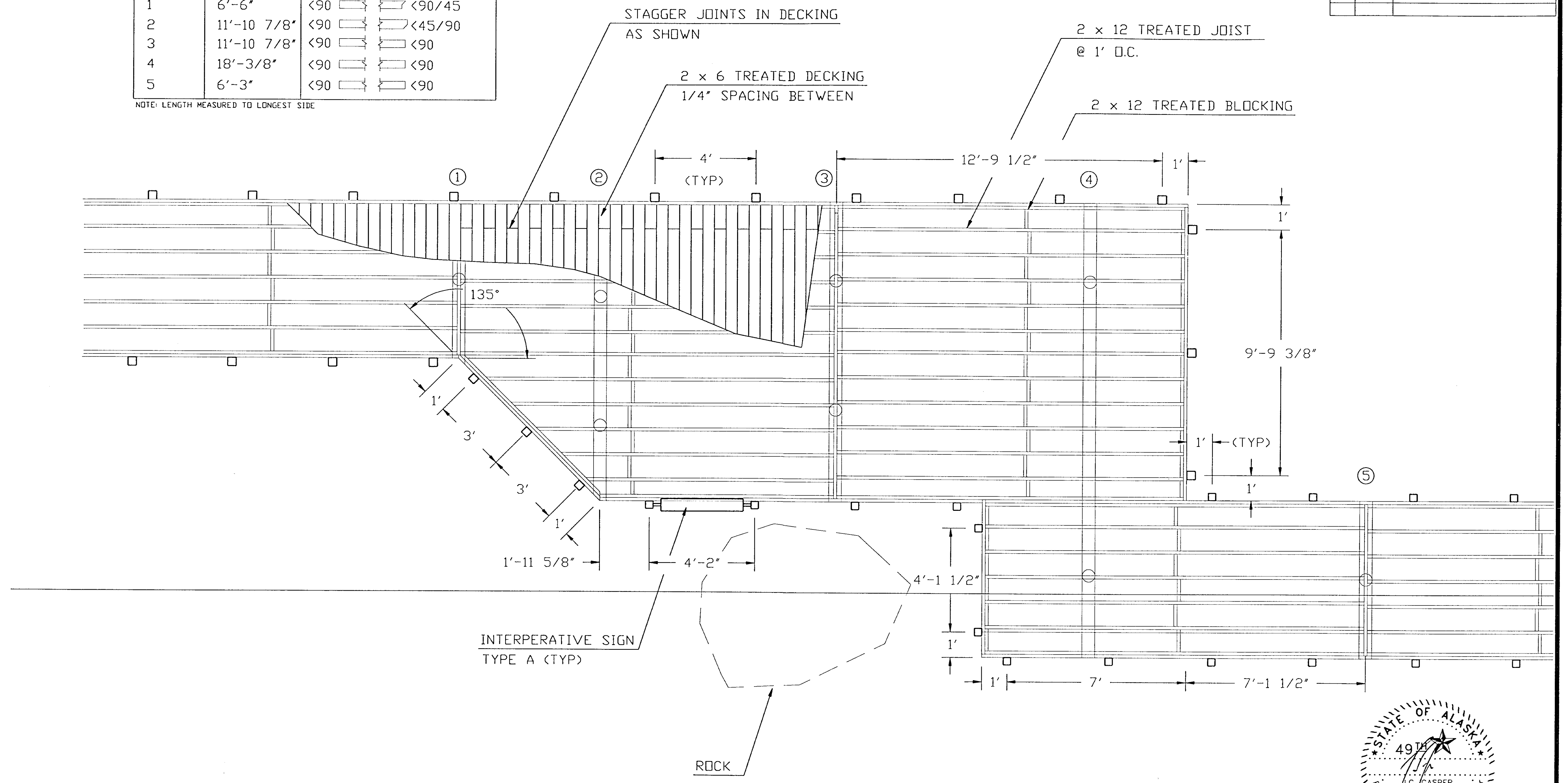
- COORDINATE AND ELEVATION UNITS ARE IN DECIMAL FEET.
  - FIELD VERIFY ALL PILE LOCATION PRIOR TO WELDING FOUNDATION COMPONENTS TO PILING.
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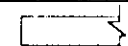




| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 96          | 36        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| BEAM # | LENGTH      | ENDCUT (BEAM & PLATE) |
|--------|-------------|-----------------------|
| 1      | 6'-6"       | <90  <90/45           |
| 2      | 11'-10 7/8" | <90  <45/90           |
| 3      | 11'-10 7/8" | <90  <90              |
| 4      | 18'-3/8"    | <90  <90              |
| 5      | 6'-3"       | <90  <90              |

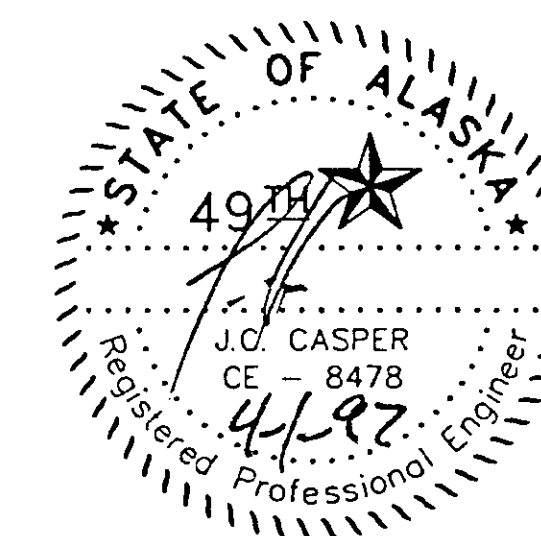
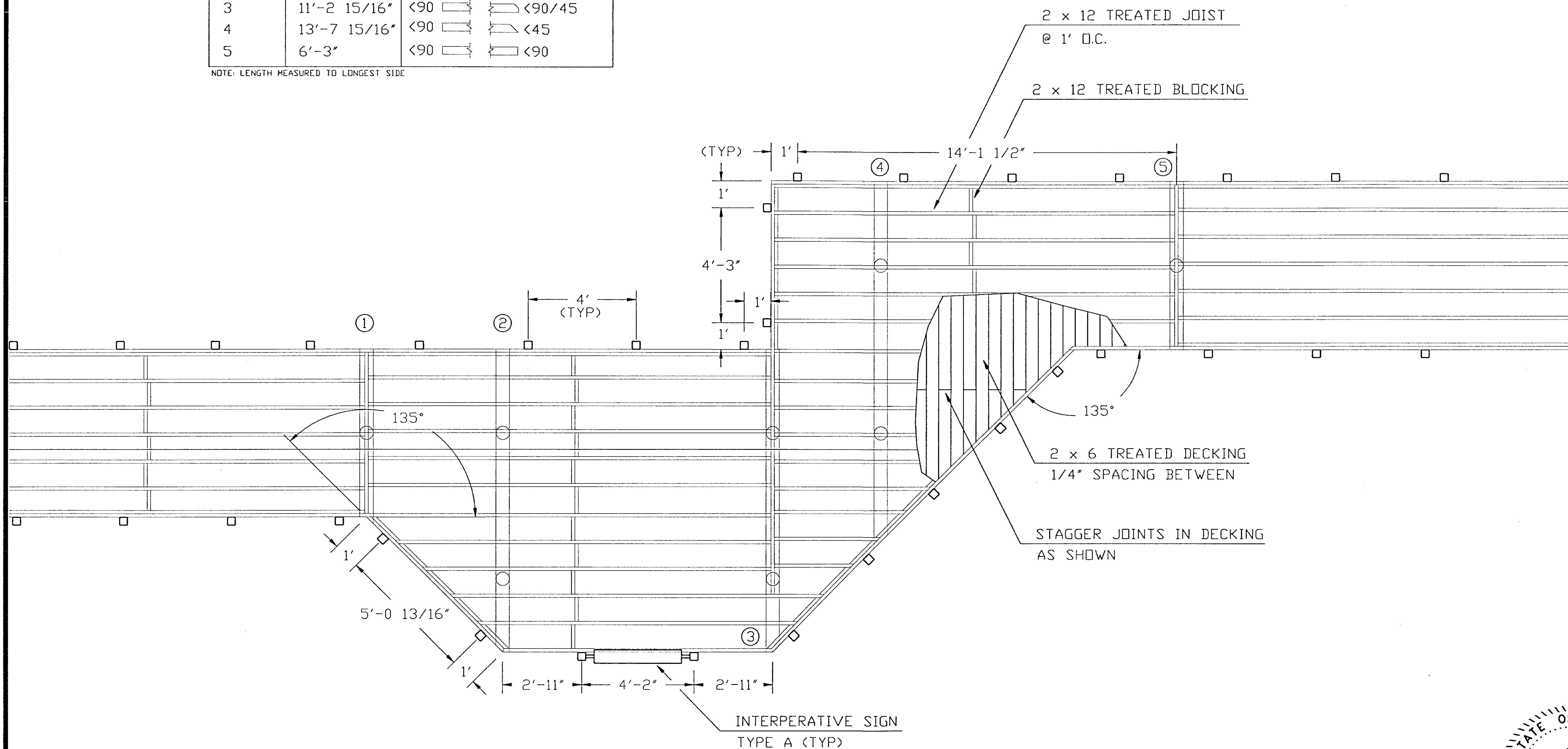
NOTE: LENGTH MEASURED TO LONGEST SIDE







| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 96          | 37        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| BEAM # | LENGTH       | ENDCUT (BEAM & PLATE)  |
|--------|--------------|--|
| 1      | 6'-6"        | <90  <90/45 |
| 2      | 11'-2 15/16" | <90  <45/90 |
| 3      | 11'-2 15/16" | <90  <90/45 |
| 4      | 13'-7 15/16" | <90  <45    |
| 5      | 6'-3"        | <90  <90    |

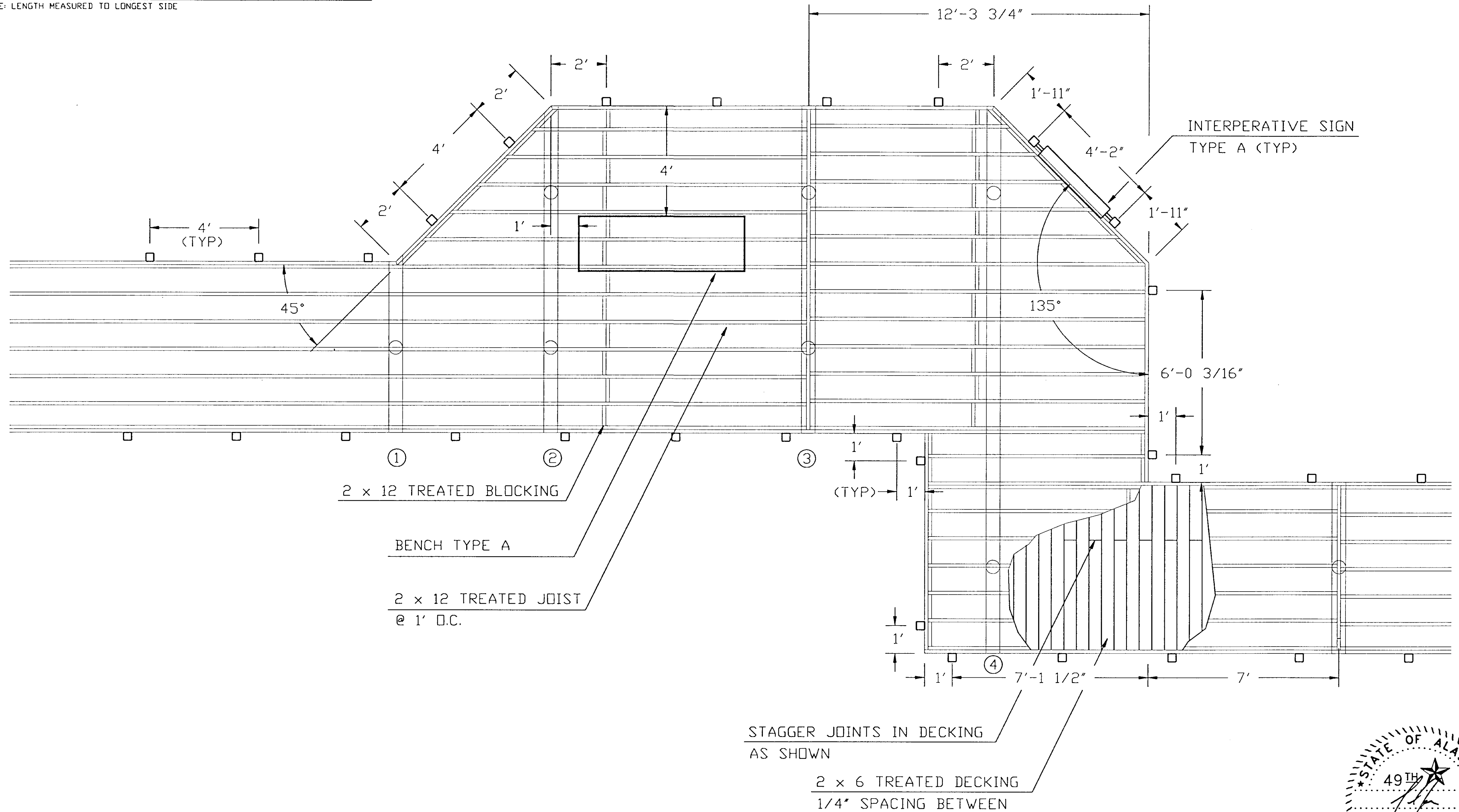
NOTE: LENGTH MEASURED TO LONGEST SIDE



| BEAM # | LENGTH       | ENDCUT (BEAM & PLATE)  |
|--------|--------------|--|
| 1      | 6'-6"        | <90/45  <90 |
| 2      | 11'-10 7/8"  | <45/90  <90 |
| 3      | 11'-10 7/8"  | <90  <90    |
| 4      | 19'-11 1/16" | <90/45  <90 |

NOTE: LENGTH MEASURED TO LONGEST SIDE

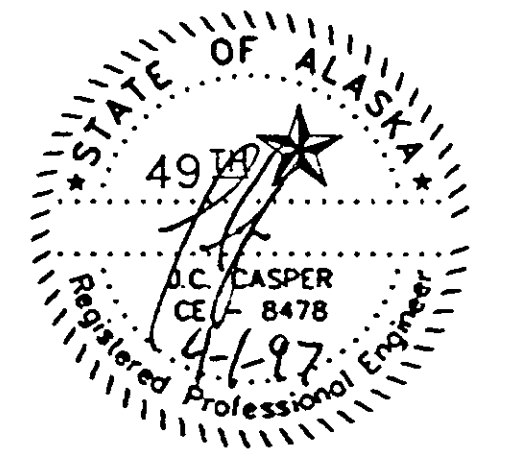
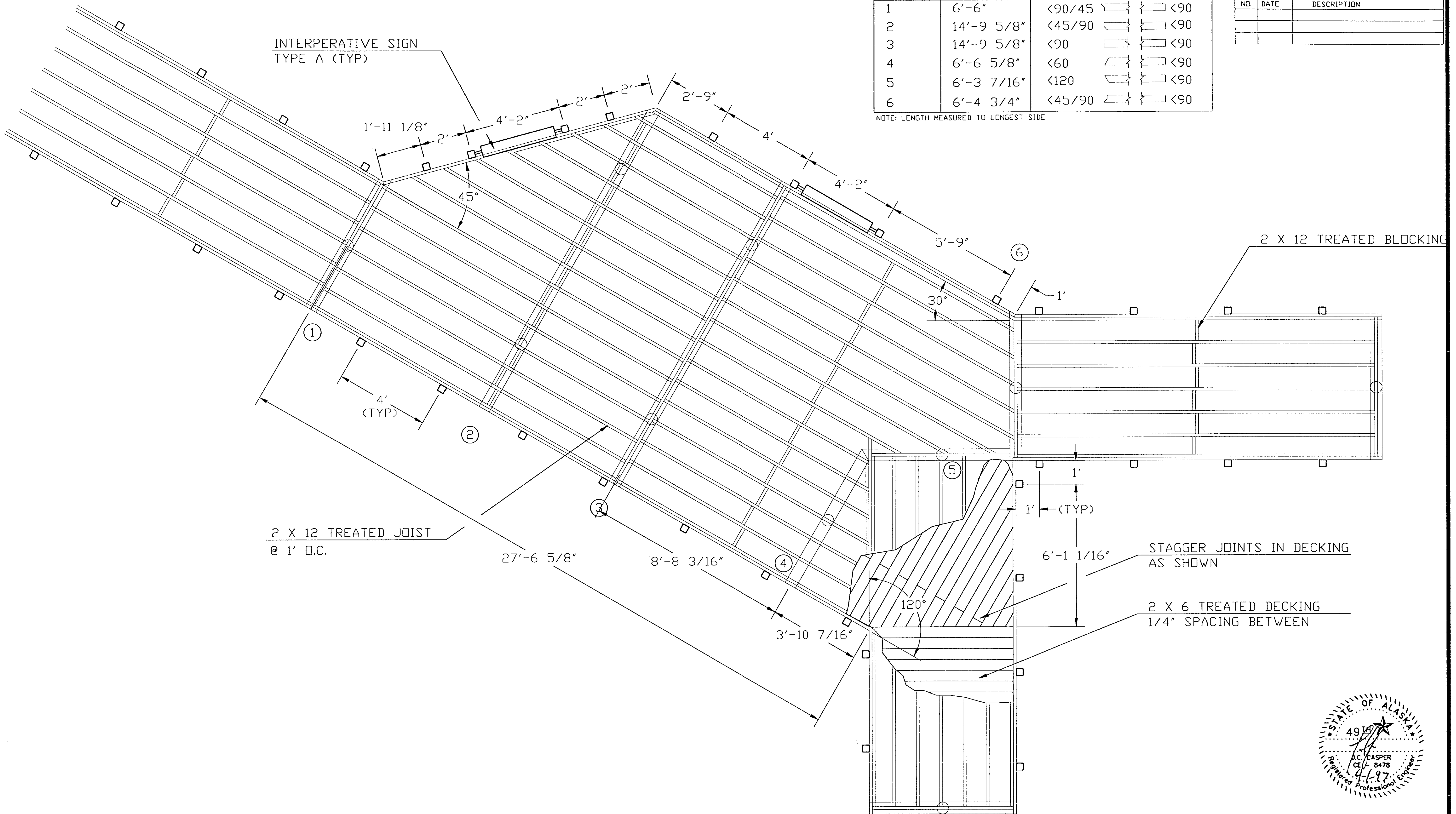
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 38        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 39        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |

| BEAM # | LENGTH     | ENDCUT (BEAM & PLATE) |
|--------|------------|-----------------------|
| 1      | 6'-6"      | <90/45                |
| 2      | 14'-9 5/8" | <45/90                |
| 3      | 14'-9 5/8" | <90                   |
| 4      | 6'-6 5/8"  | <60                   |
| 5      | 6'-3 7/16" | <120                  |
| 6      | 6'-4 3/4"  | <45/90                |


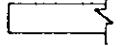
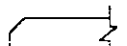
NOTE: LENGTH MEASURED TO LONGEST SIDE



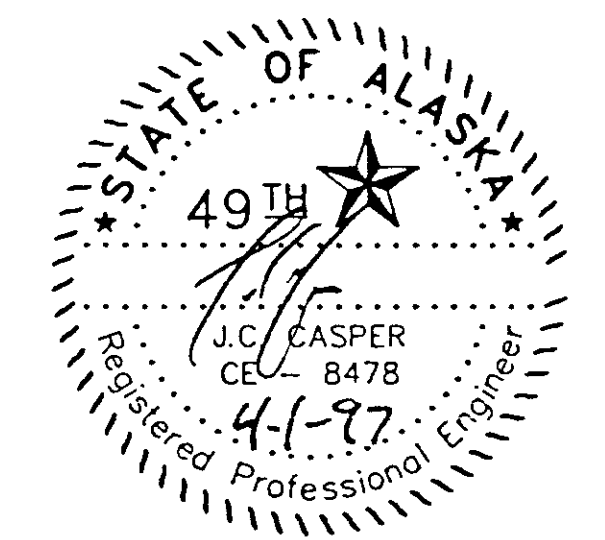
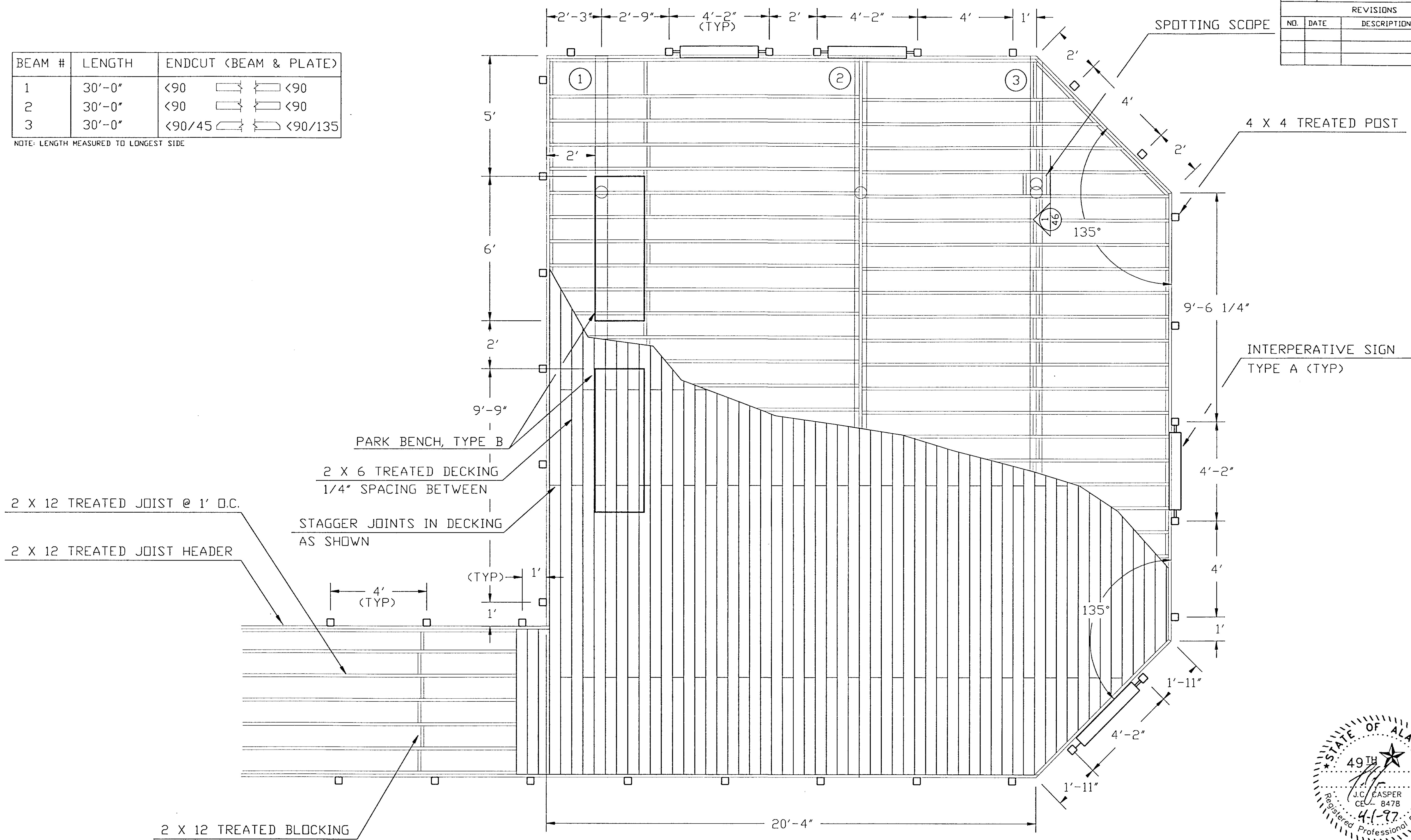


| STATE | PROJECT DESCRIPTION | YEAR | SHEET NO. | TOTAL SHEETS |
|-------|---------------------|------|-----------|--------------|
| AK    | TEA-095-6(16)/72025 | 96   | 40        | 50           |

| REVISIONS |      |             |
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| NO.       | DATE | DESCRIPTION |
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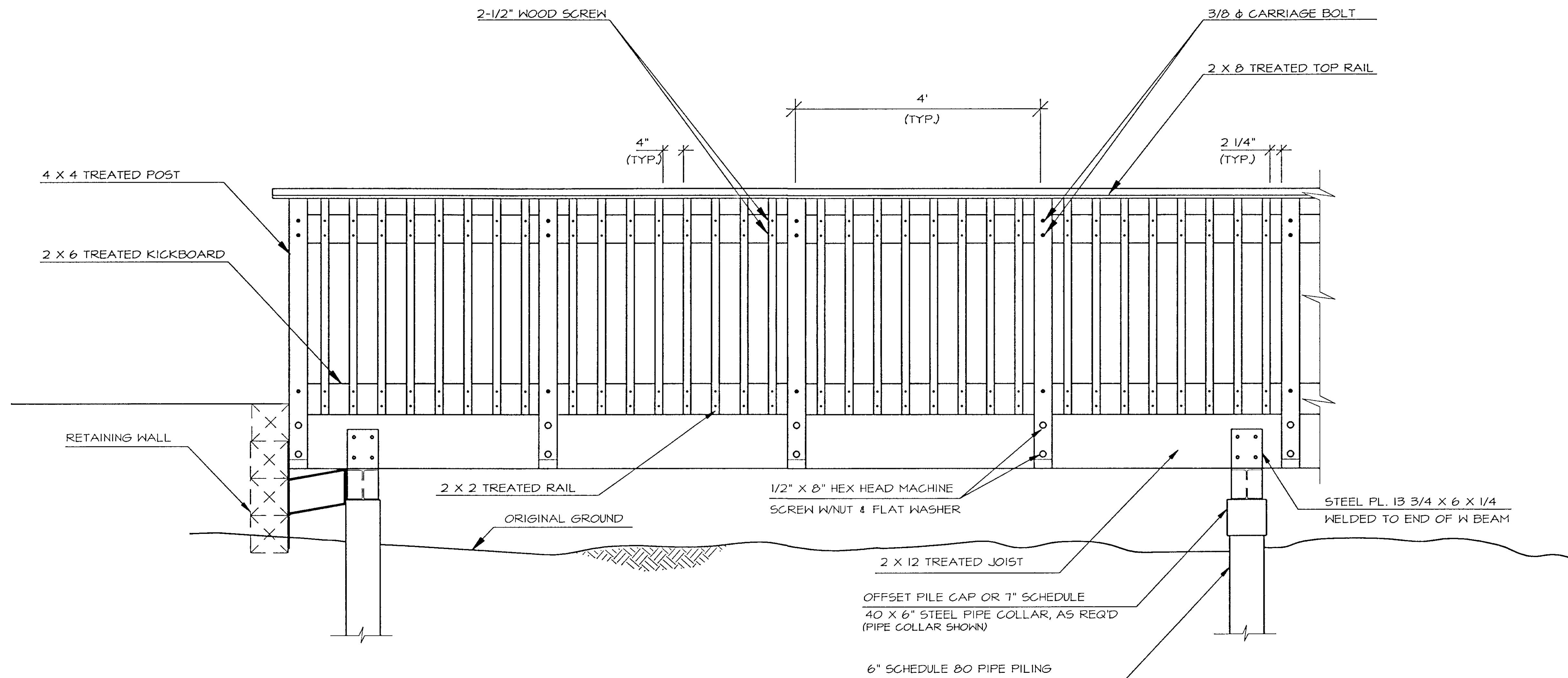
| BEAM # | LENGTH | ENDCUT (BEAM & PLATE)  |
|--------|--------|--|
| 1      | 30'-0" | <90  <90        |
| 2      | 30'-0" | <90  <90        |
| 3      | 30'-0" | <90/45  <90/135 |

NOTE: LENGTH MEASURED TO LONGEST SIDE

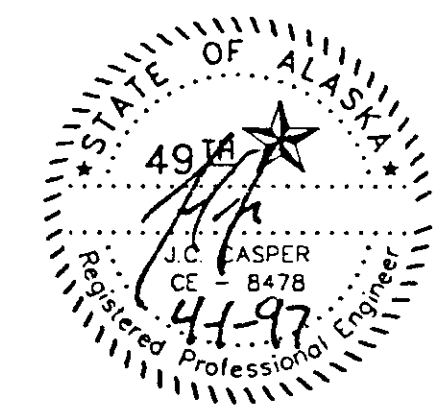




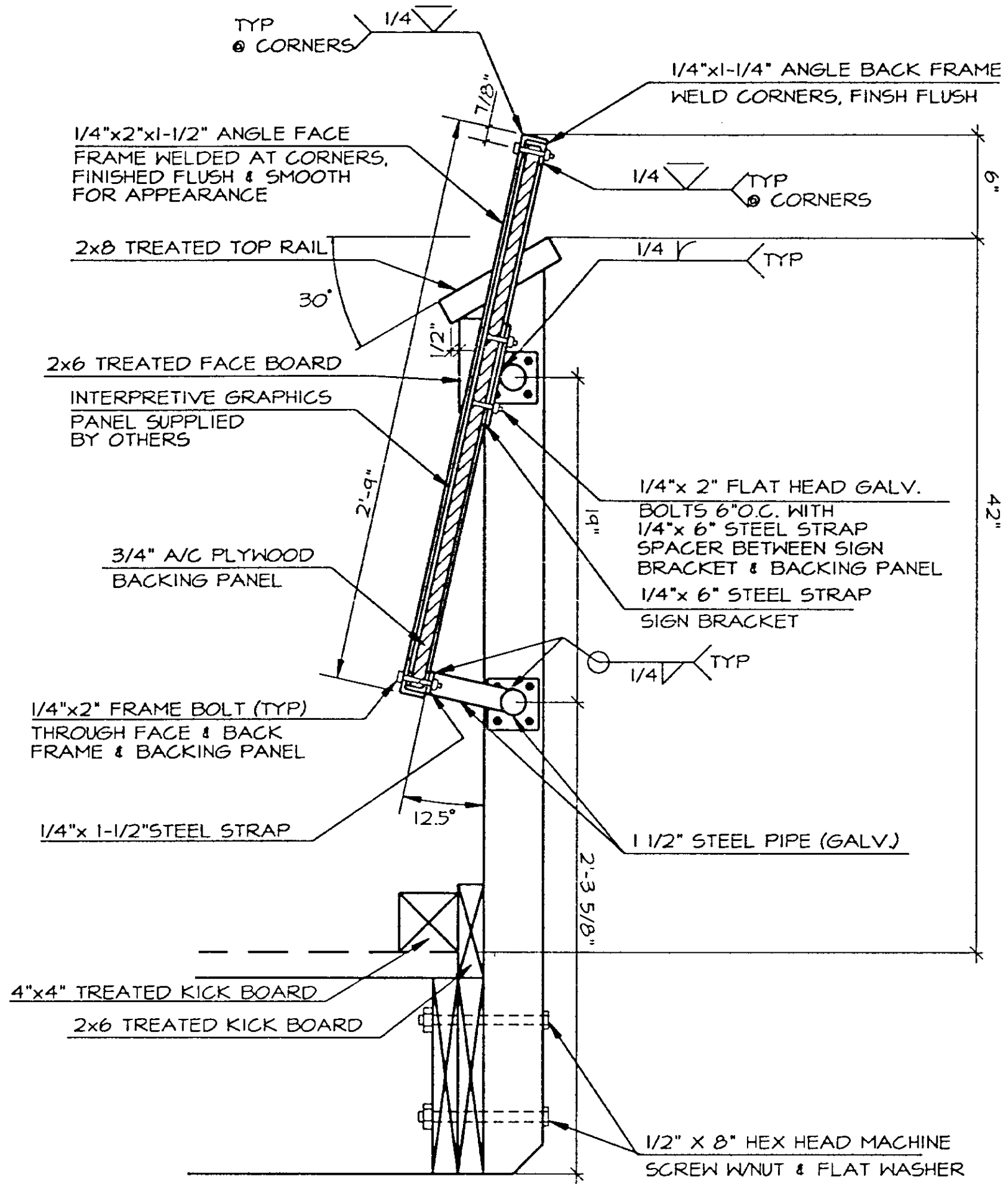
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 42        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



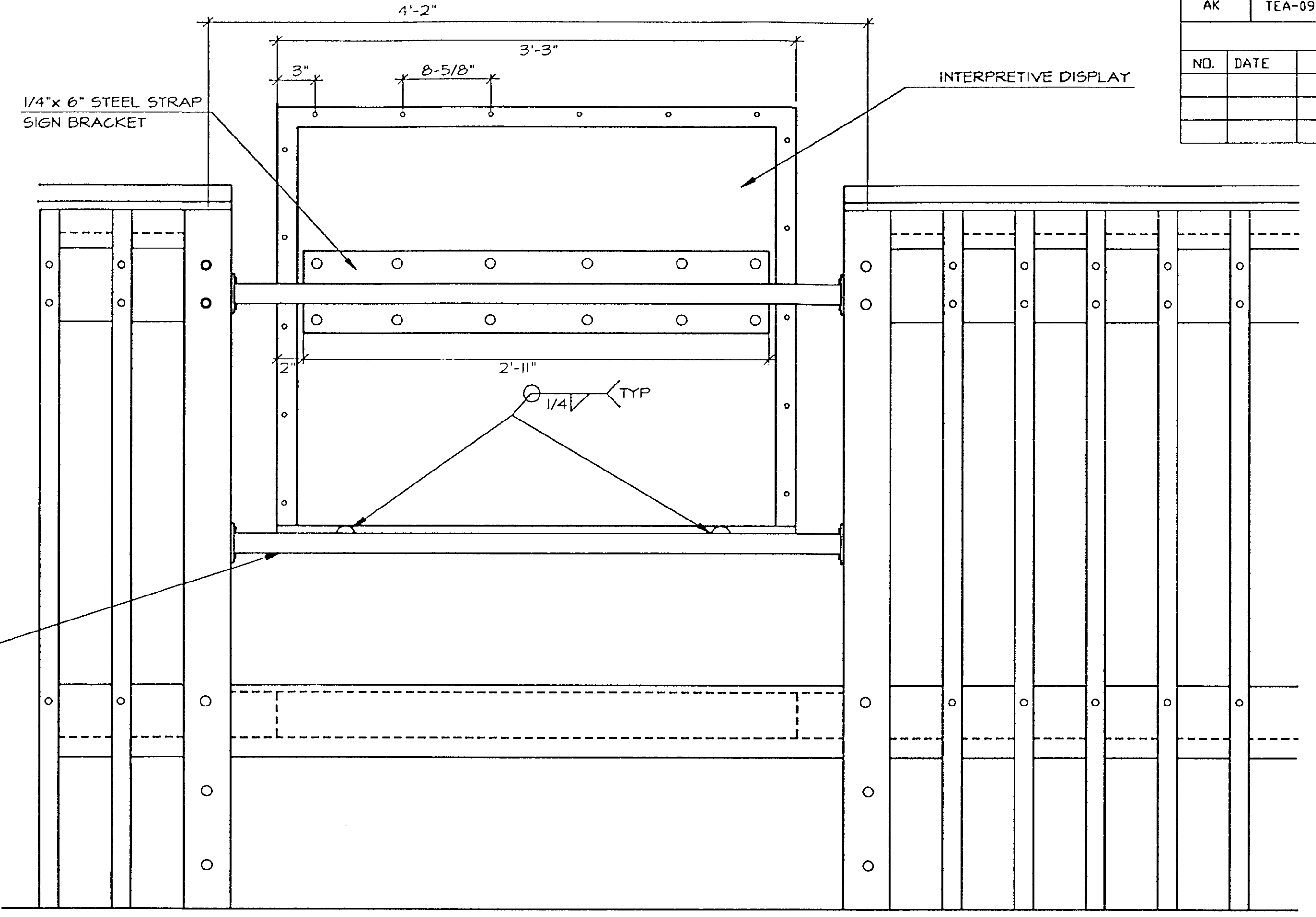
1  
42 ELEVATION



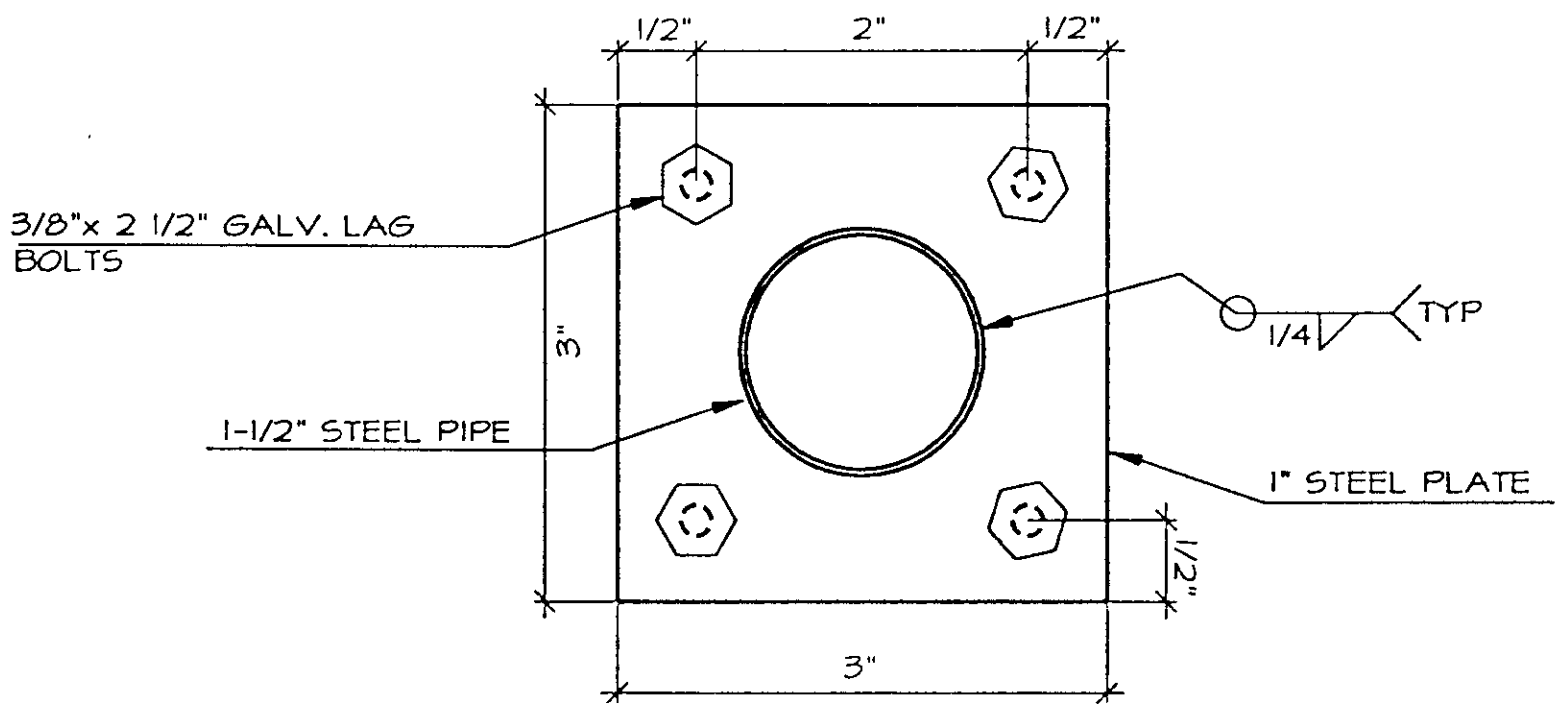
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1997        | 43        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |



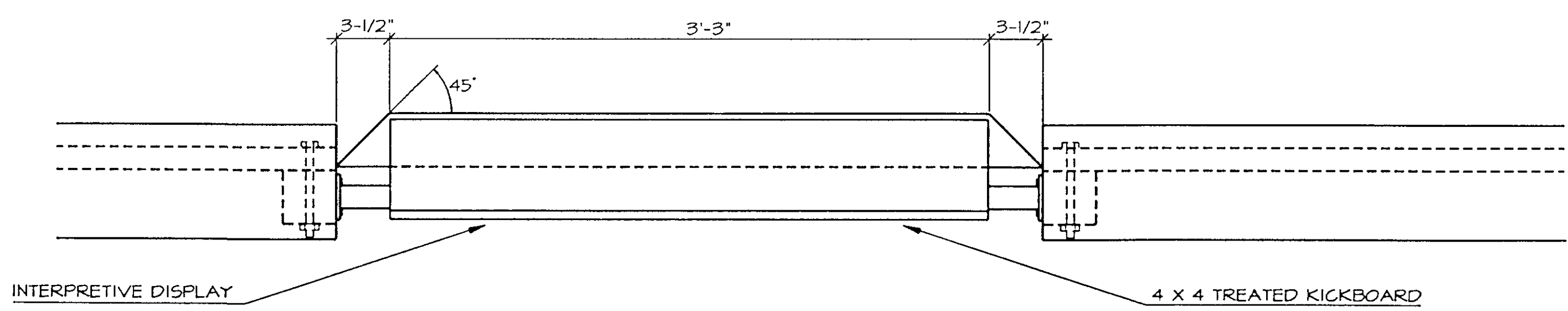
1 SECTION VIEW  
43



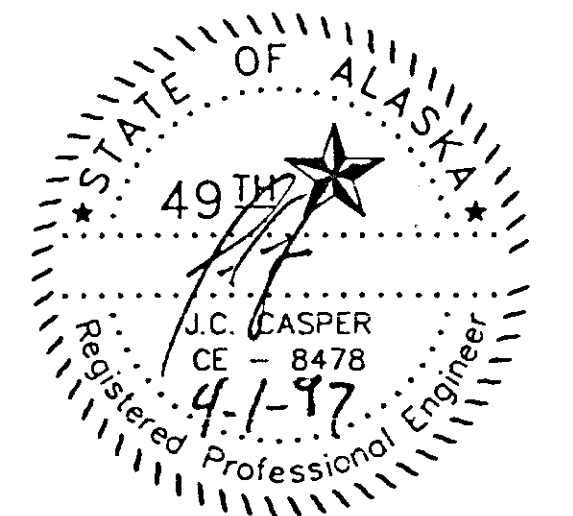
2 ELEVATION VIEW  
43



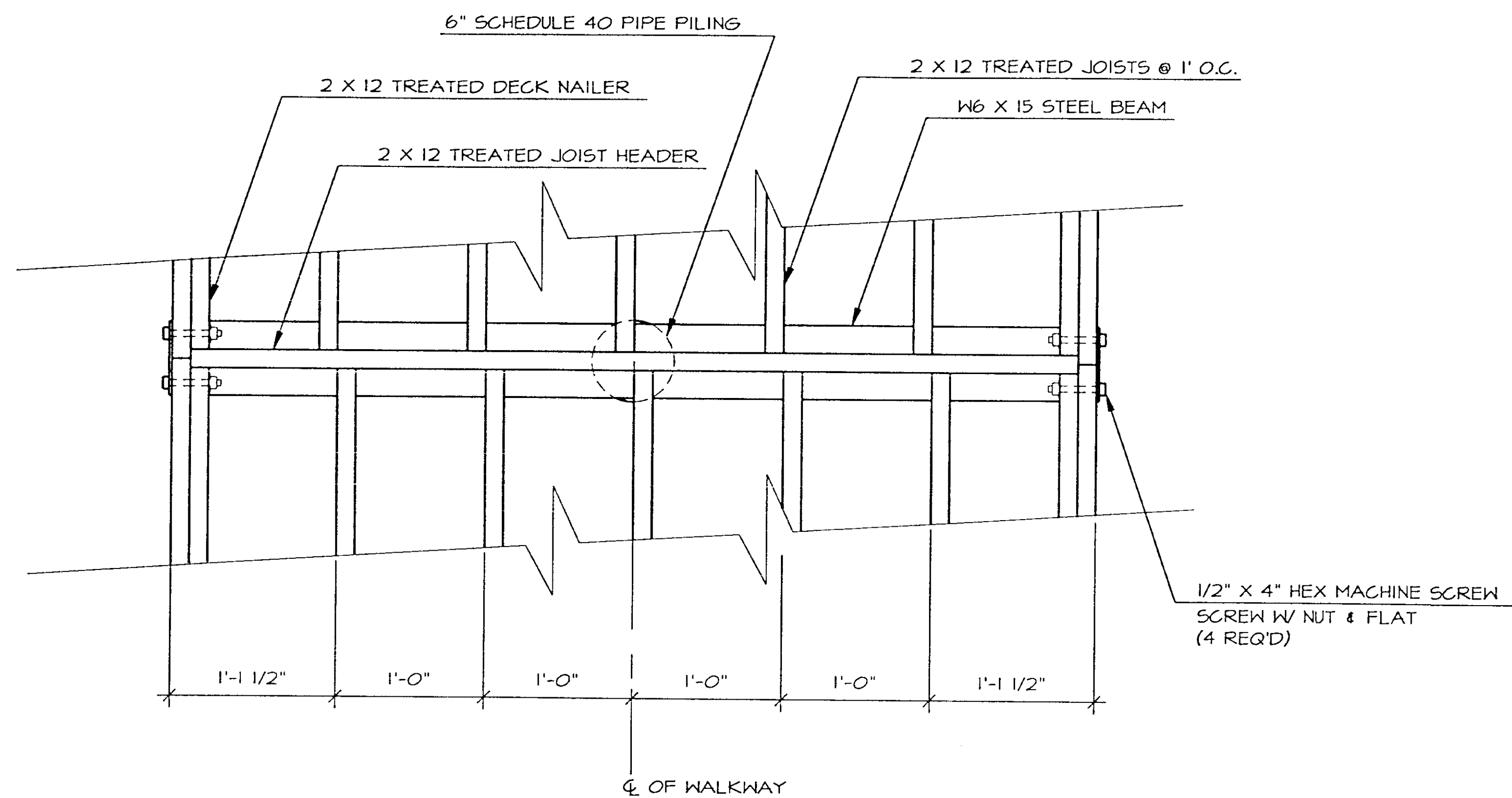
3 MOUNTING BRACKET  
43



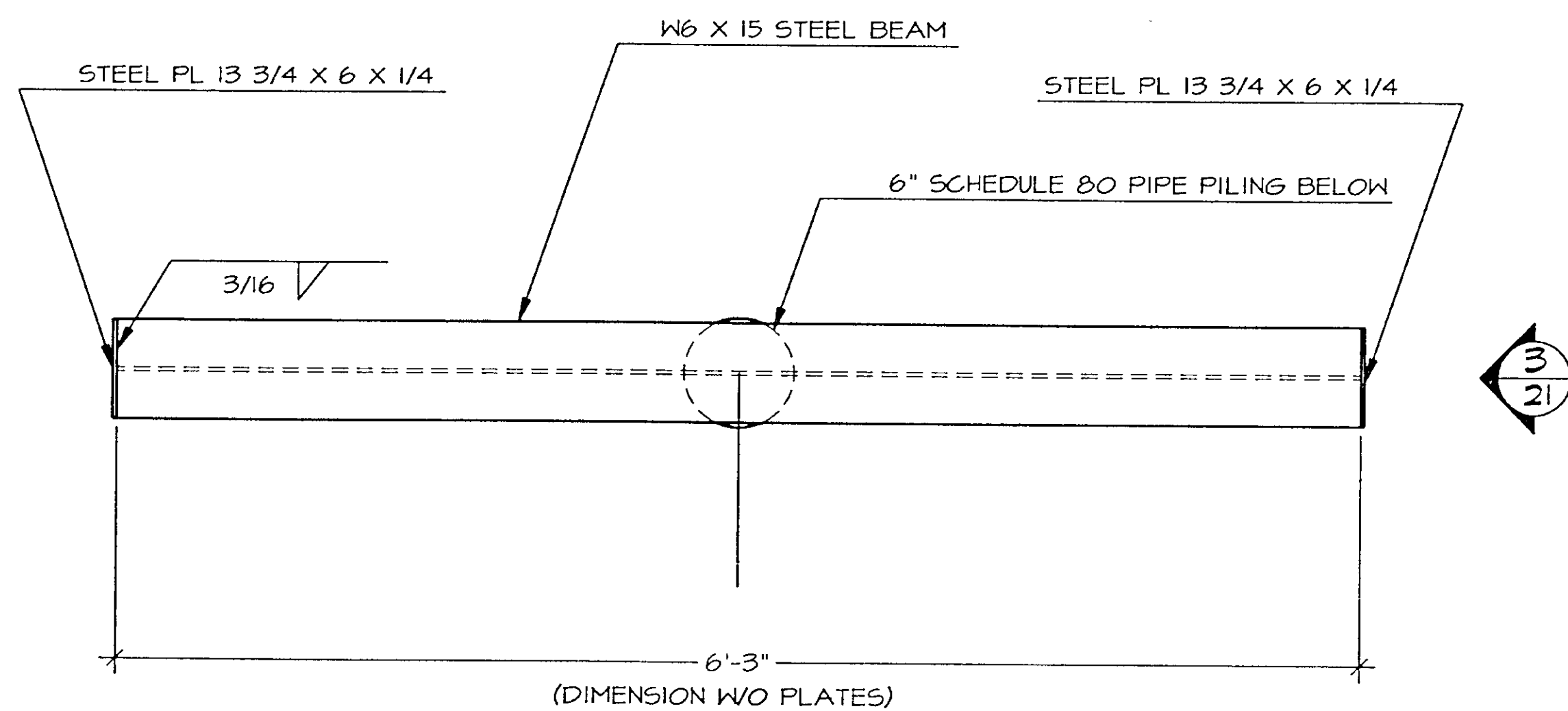
4 PLAN VIEW  
43



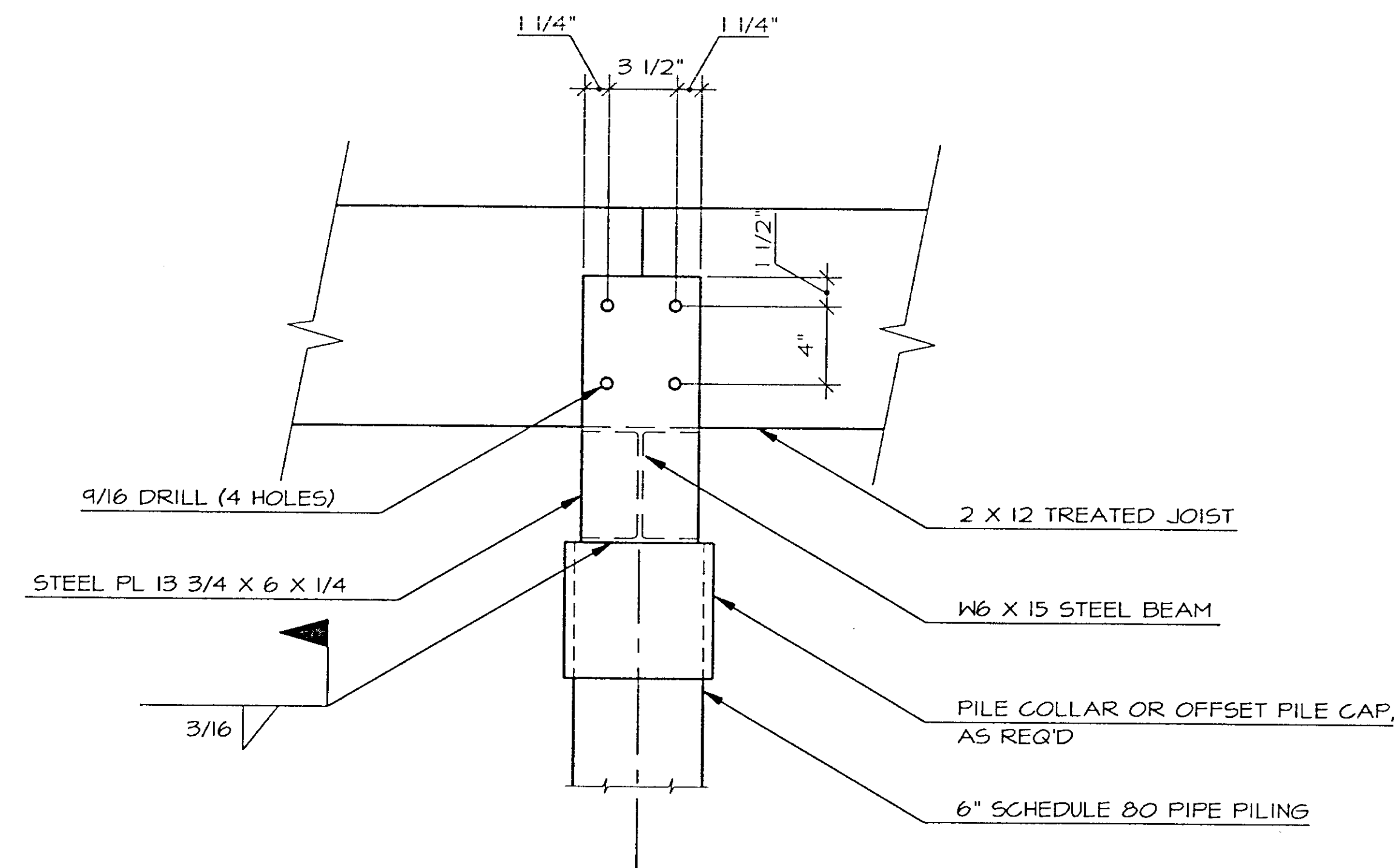
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 44        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
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|           |                     |             |           |              |



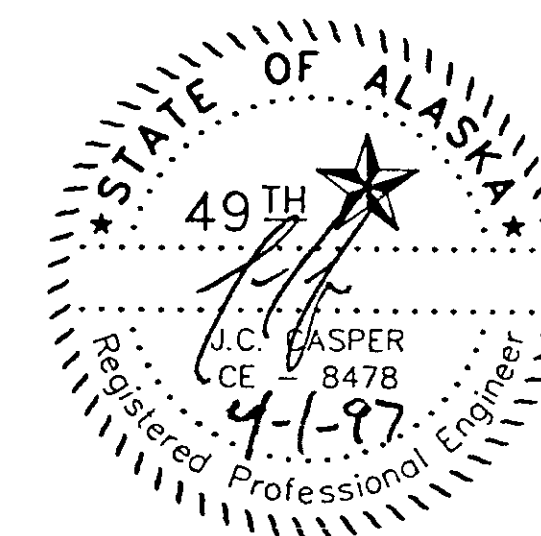
1 FRAMING PLAN  
21 SCALE 3/4" = 1'-0"



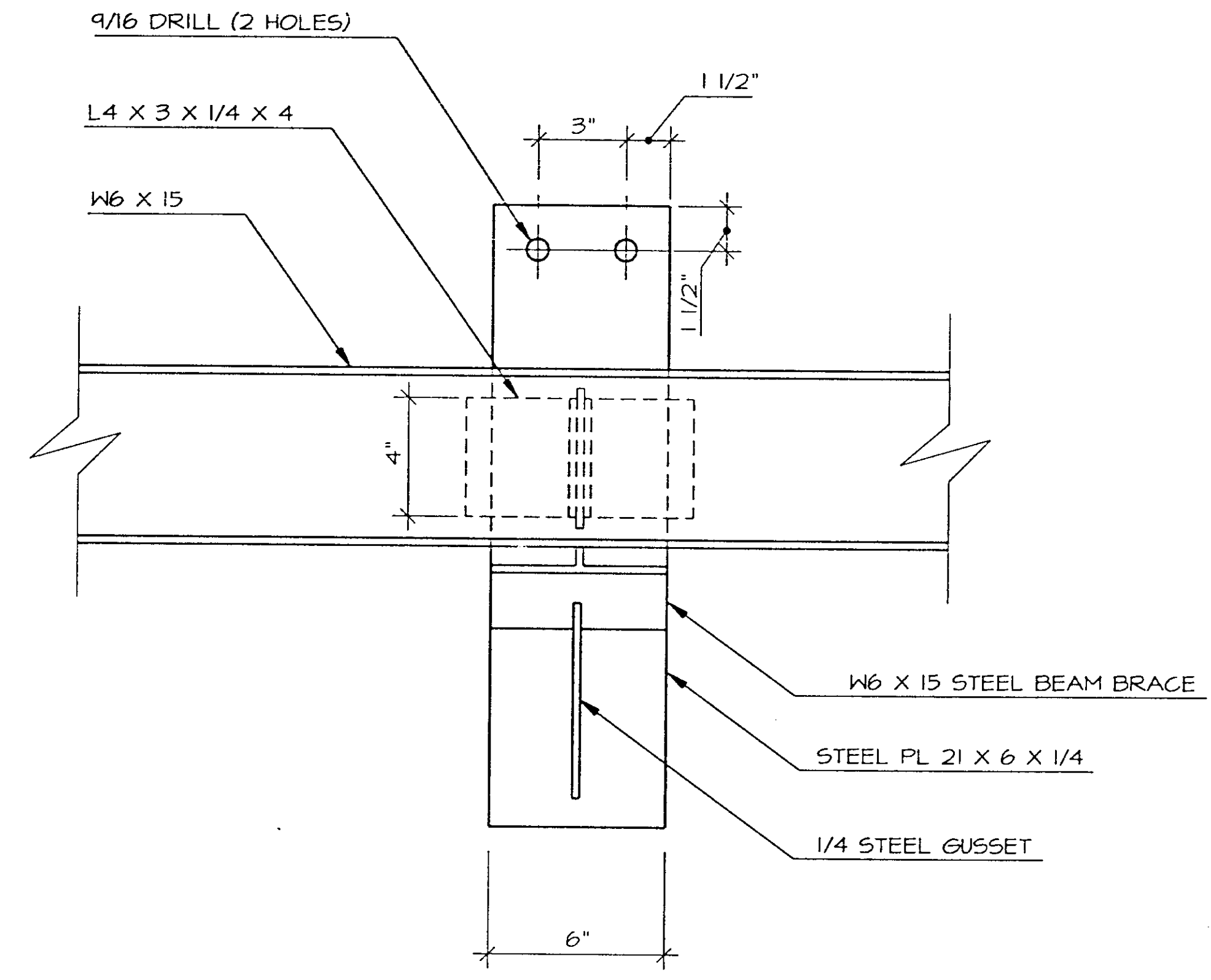
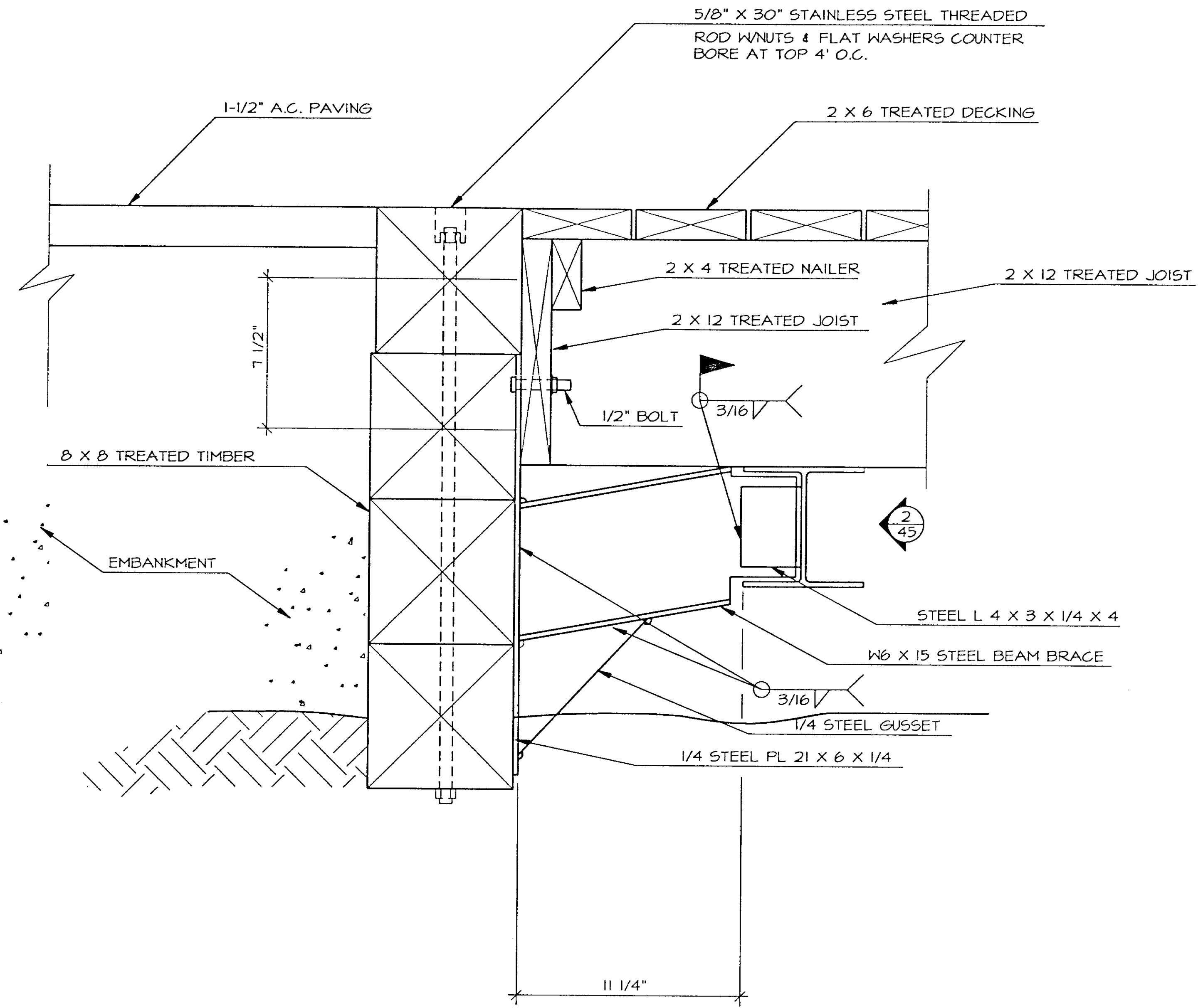
2 STEEL W BEAM PLAN  
21 SCALE 3/4" = 1'-0"



3 STEEL W BEAM ELEVATION  
21 SCALE 1" = 1'-0"



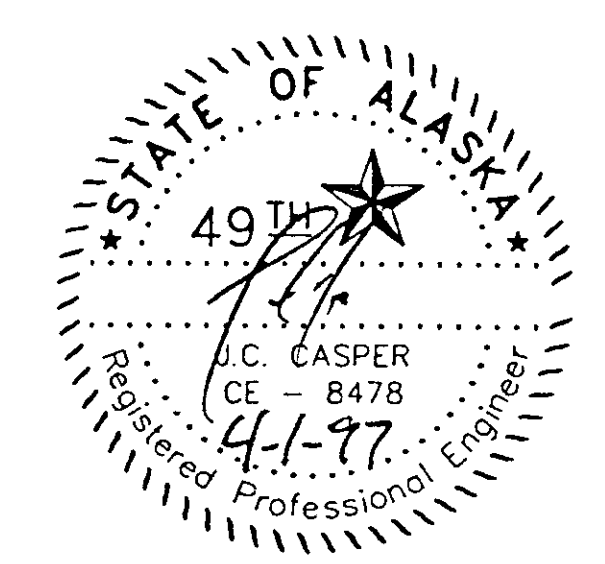
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 45        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



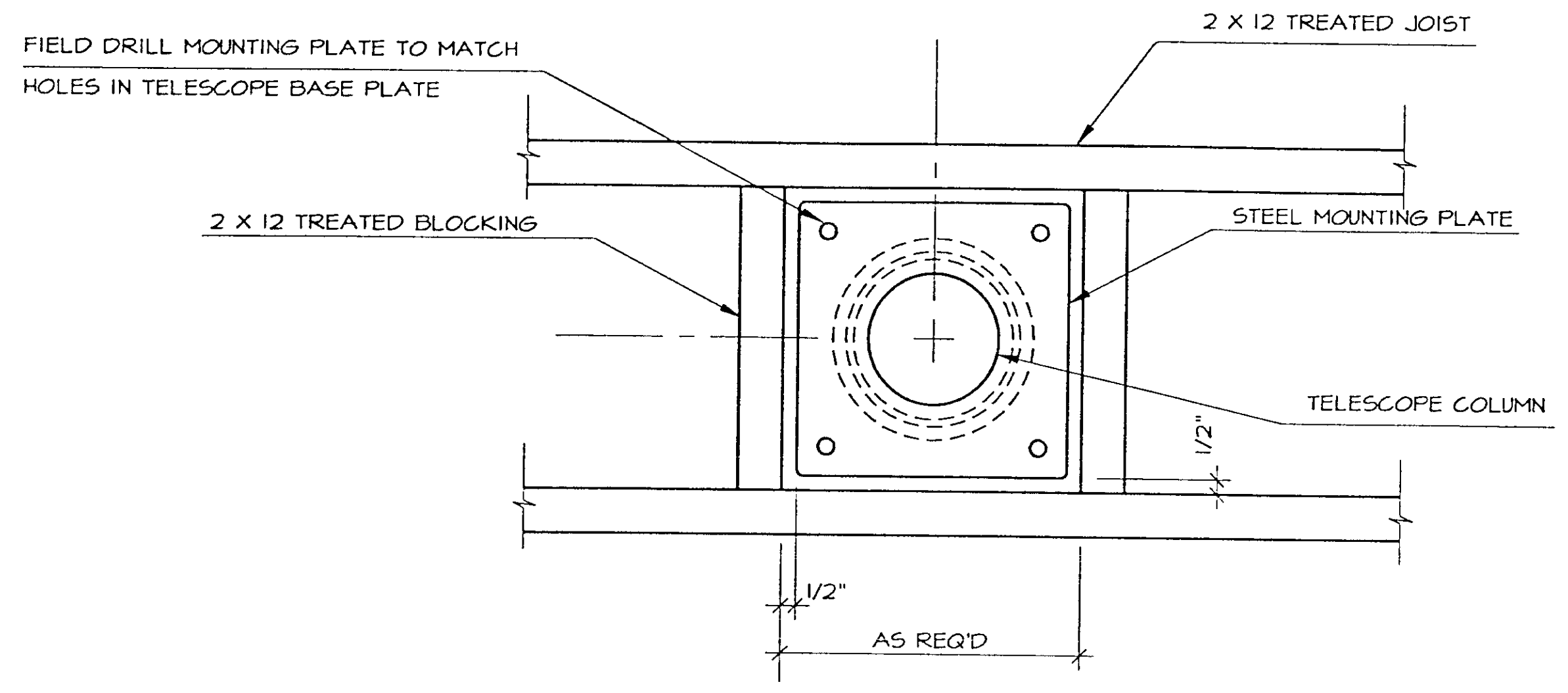
1 SIDE VIEW  
45 SCALE 1 1/2" = 1'-0"

NOTE: TIMBERS ARE NOT FASTENED TO STEEL PLATE

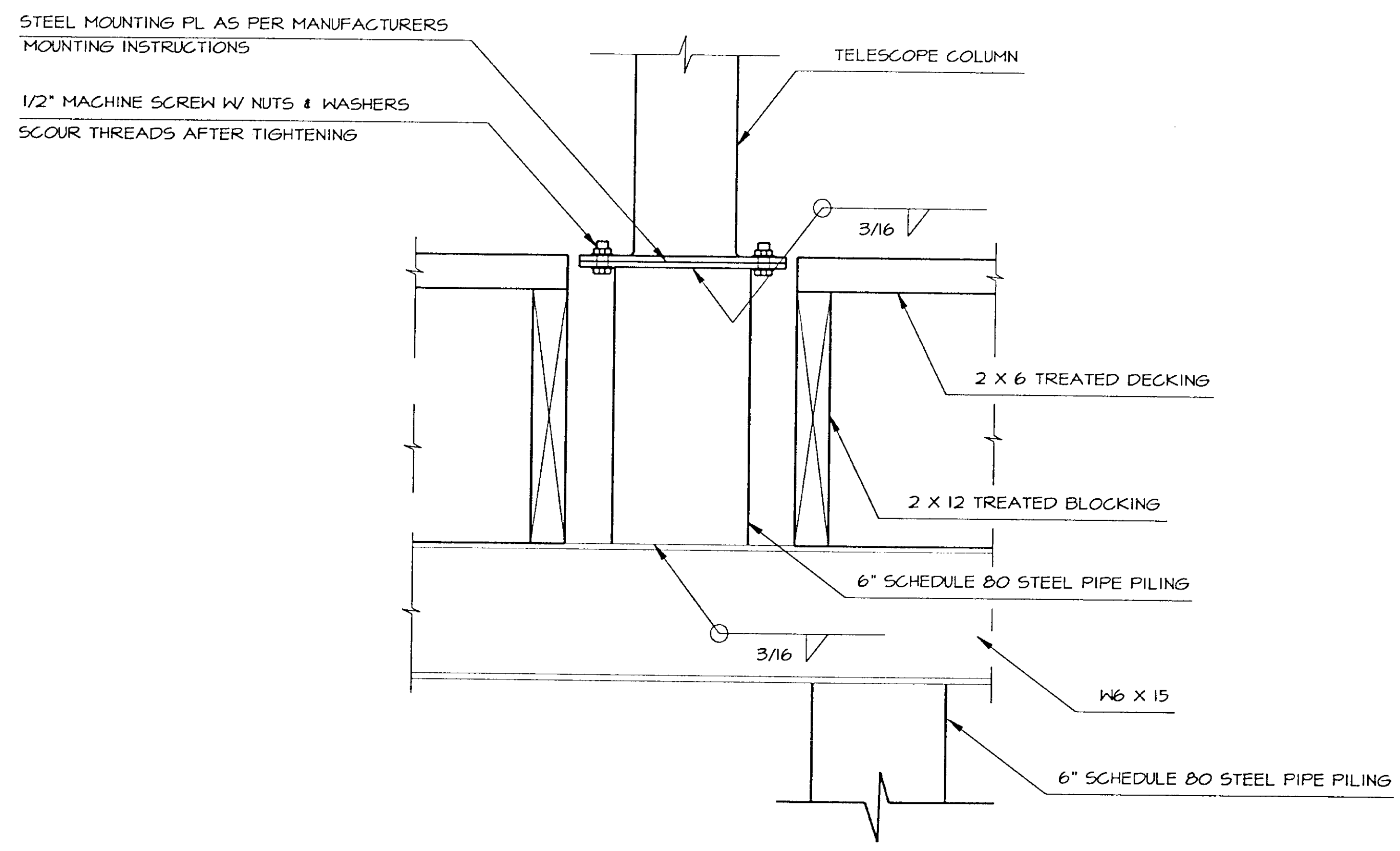
2 FRONT VIEW  
45 SCALE 1 1/2" = 1'-0"



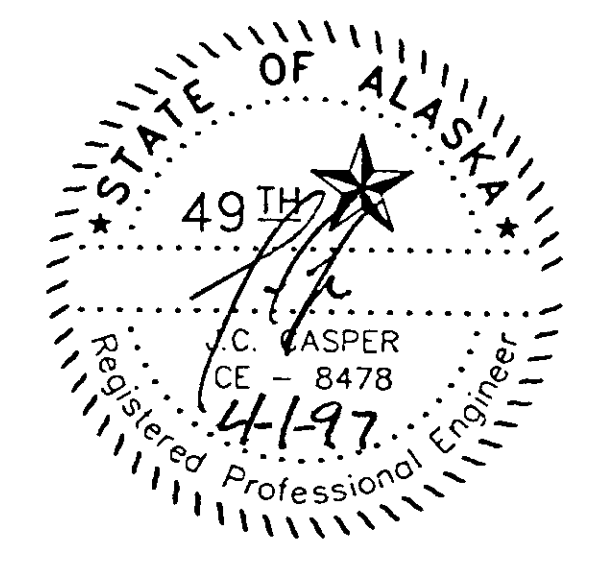
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 97          | 46        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



① PLAN VIEW  
46



② ELEVATION VIEW  
46



APPROXIMATE QUANTITIES  
(SEE ATTACHED SPECIFICATIONS)

- 24 CY - SEWER ROCK 3/4" TO 3"
- 75 CY - MEDIUM/FINE SAND
- 200 CY - UNCLASSIFIED MATERIAL
- 1200 SF - FILTER FABRIC
- 30 CY - TOPSOIL
- 70 FEET - 4" PVC
- 90 FEET - 4" PERFORATED PVC
- 4 - 4" PVC 90° ELBOWS
- 1 - 4" PVC TEE
- 1 - DISTRIBUTION BOX
- 1 - CLEAN-OUT
- 750 GALLON SEPTIC TANK

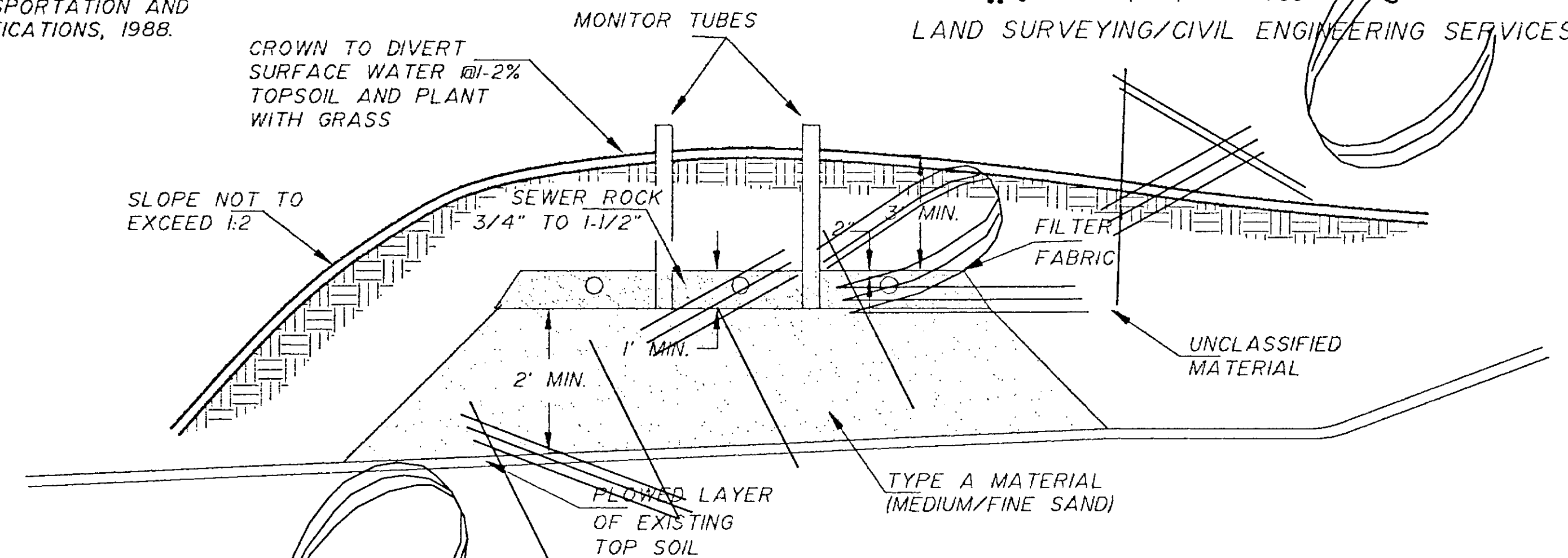
NOTES

1. QUANTITIES MAY VARY WITH ACTUAL TOPOGRAPHY.
2. INSTALLATION PROCEDURES AND MATERIALS SHALL CONFORM TO THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION WASTEWATER DISPOSAL REGULATIONS, 18 AAC 72, AND STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STANDARD SPECIFICATIONS, 1988.

**ALASKA SURVEYING COMPANY INC.**

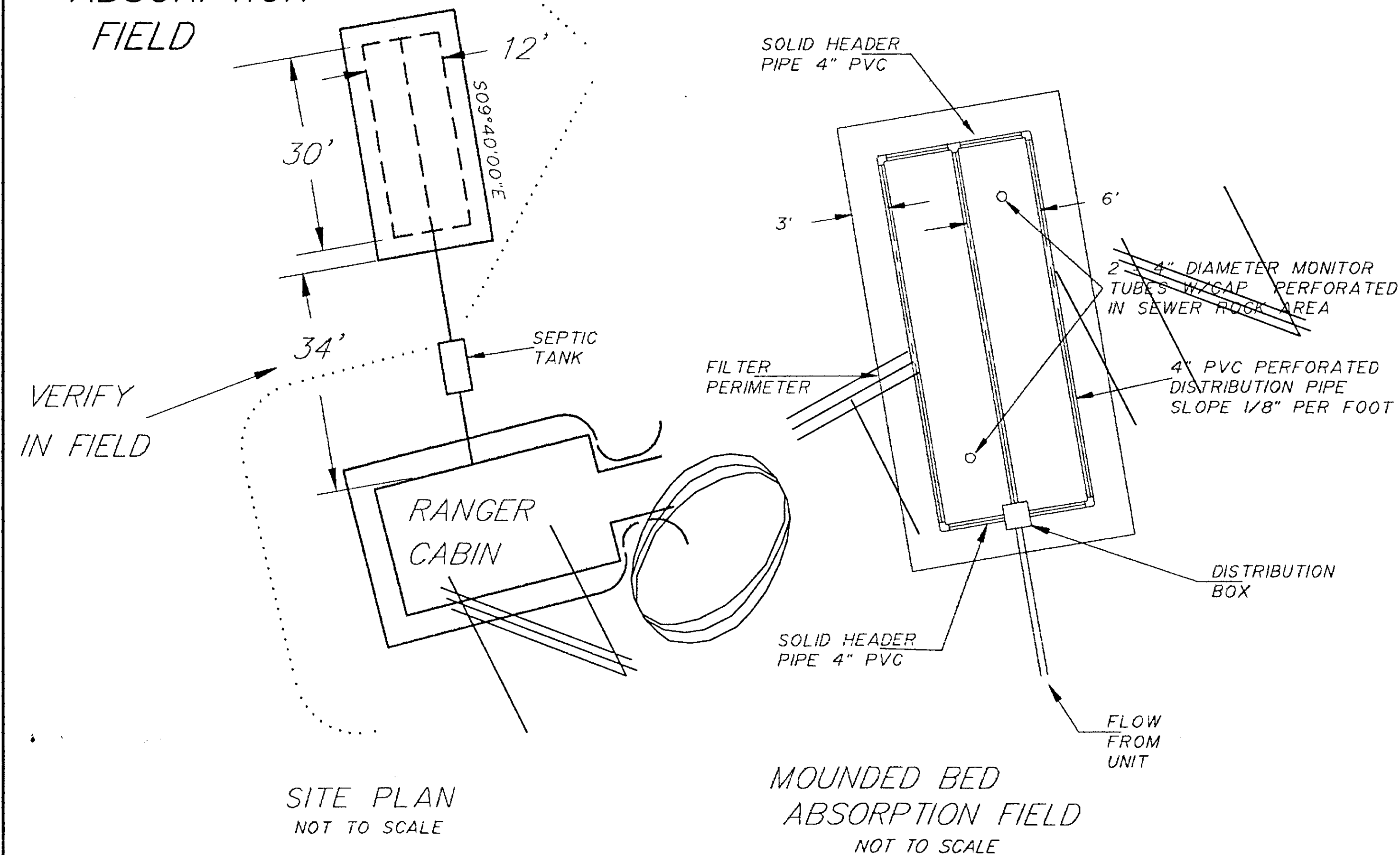
P.O. BOX 898 HAINES, ALASKA 99827

(907) 766-2080  
LAND SURVEYING/CIVIL ENGINEERING SERVICES



CROSS SECTION  
NOT TO SCALE

**MOUNDED BED ABSORPTION FIELD**

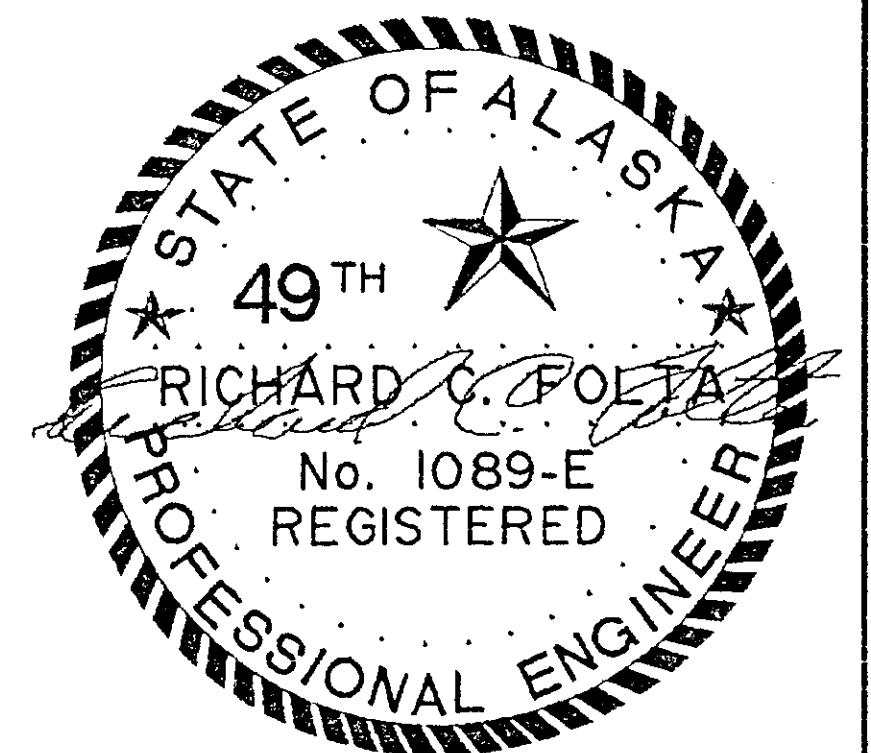


SITE PLAN  
NOT TO SCALE

MOUNDED BED ABSORPTION FIELD  
NOT TO SCALE

750 GALLON SEPTIC TANK  
NOT TO SCALE

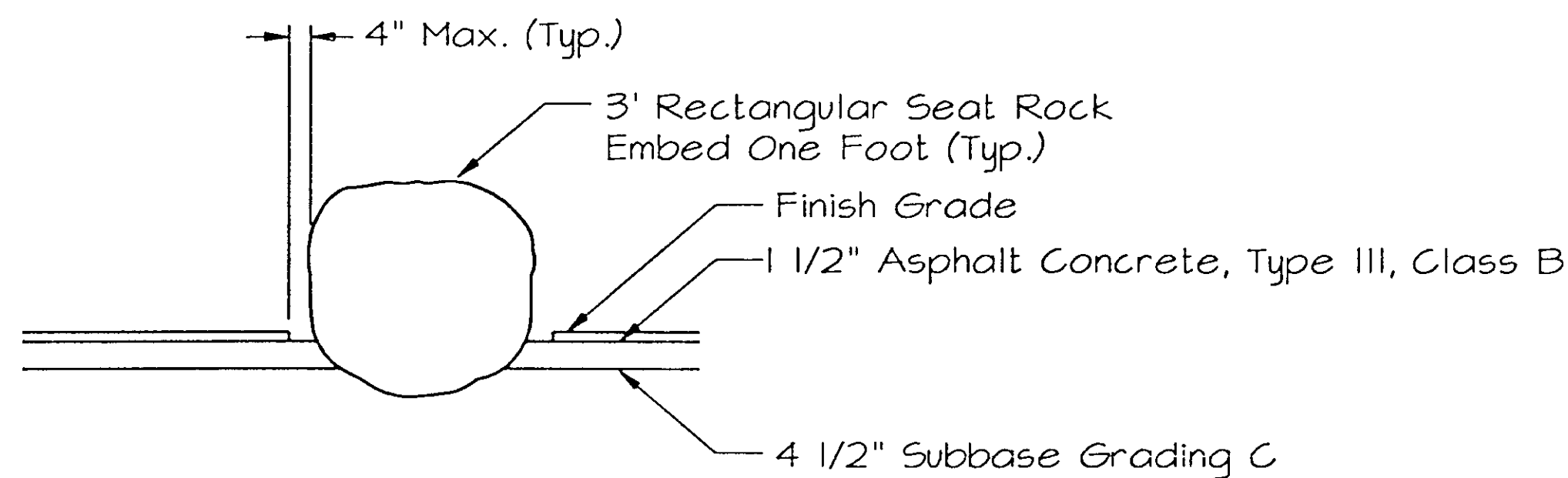
DESIGN AND CONSTRUCTION OF THE SEPTIC TANK MUST MEET THE MINIMUM SPECIFICATIONS FOR SEPTIC TANKS CONTAINED IN THE REFERENCE MANUAL LISTED AT 18 AAC 72.9501(I), ADEC WASTEWATER DISPOSAL REGULATIONS AND UNIFORM PLUMBING CODE.



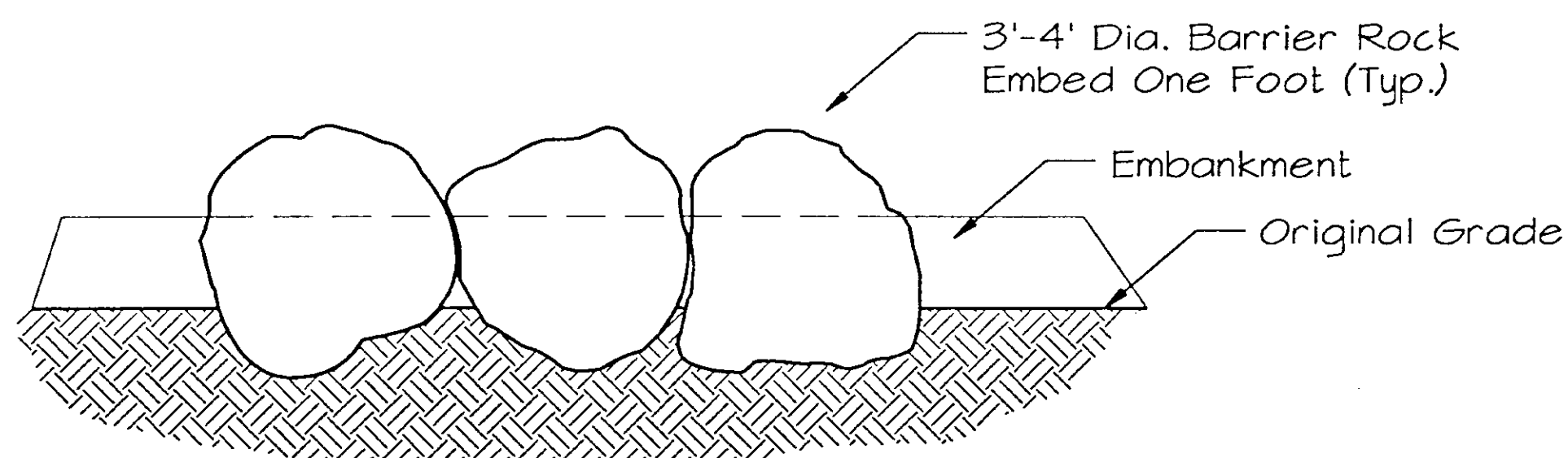
|                                |                             |  |  |          |
|--------------------------------|-----------------------------|--|--|----------|
| DESIGNED BY: R.S.M.            | APPROVED BY: R.C.F.         | CLIENT: FORREST BUTTON, PROJECT ENGINEER | PROJECT: COUNCIL GROUNDS TRAIL PROJECT | SHT. NO. |
| DATE: 3/10/97                  | PROJ. NO. HAINES HWY 97-003 | D.N.R., DIV. OF PARKS AND REC.           | RANGER STATION SEPTIC SYSTEM           | 47 OF 50 |
| DWG. NO.: C:\ACAD12\97-003.DWG | SCALE: NOT TO SCALE         | 3601 C STREET, SUITE 1258                | HAINES BOROUGH, ALASKA                 |          |
|                                |                             | ANCHORAGE, ALASKA 99503                  |  |          |



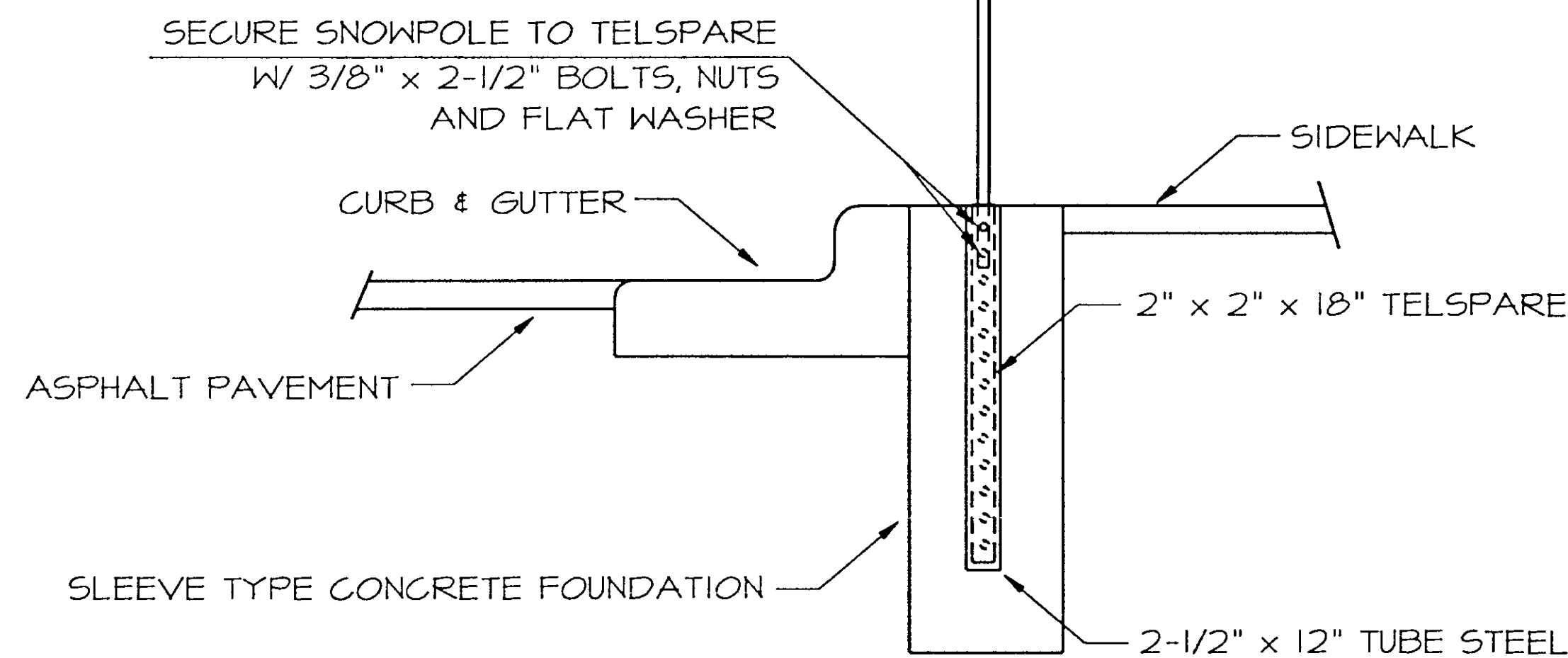
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
|-----------|---------------------|-------------|-----------|--------------|
| AK        | TEA-095-6(16)/72025 | 1996        | 48        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



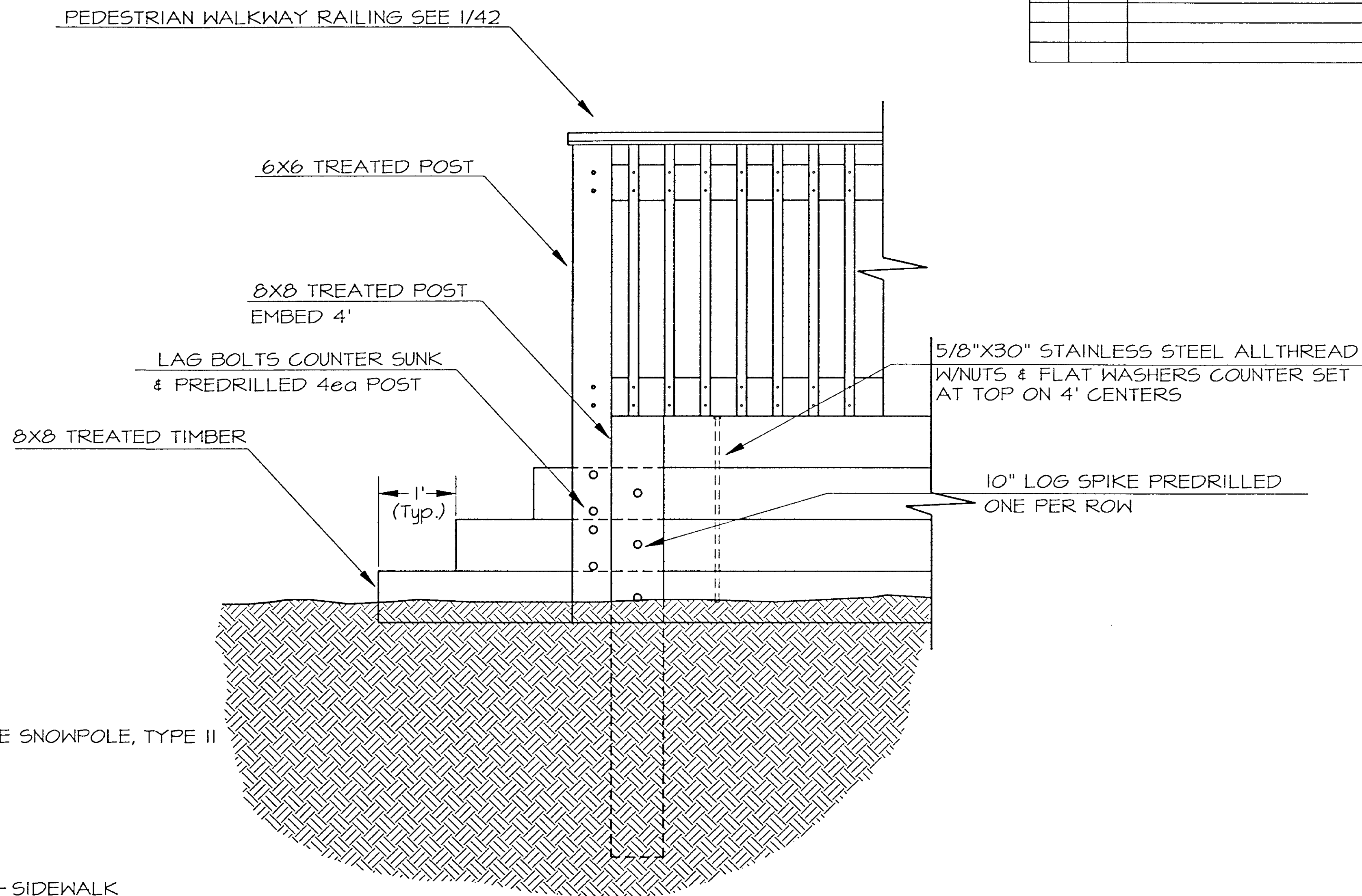
1 SEAT ROCK  
48



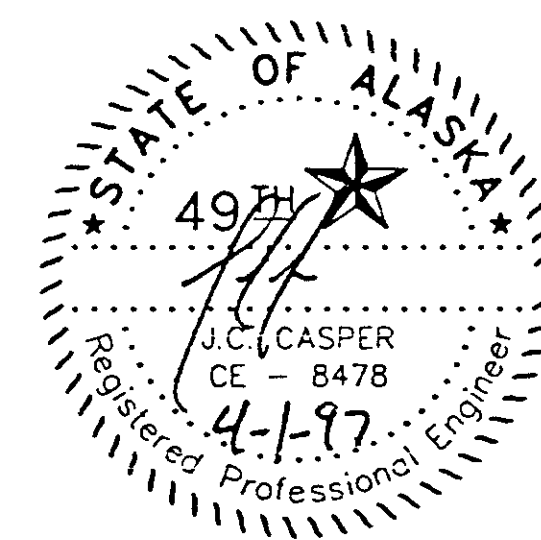
2 TOE ROCK  
48



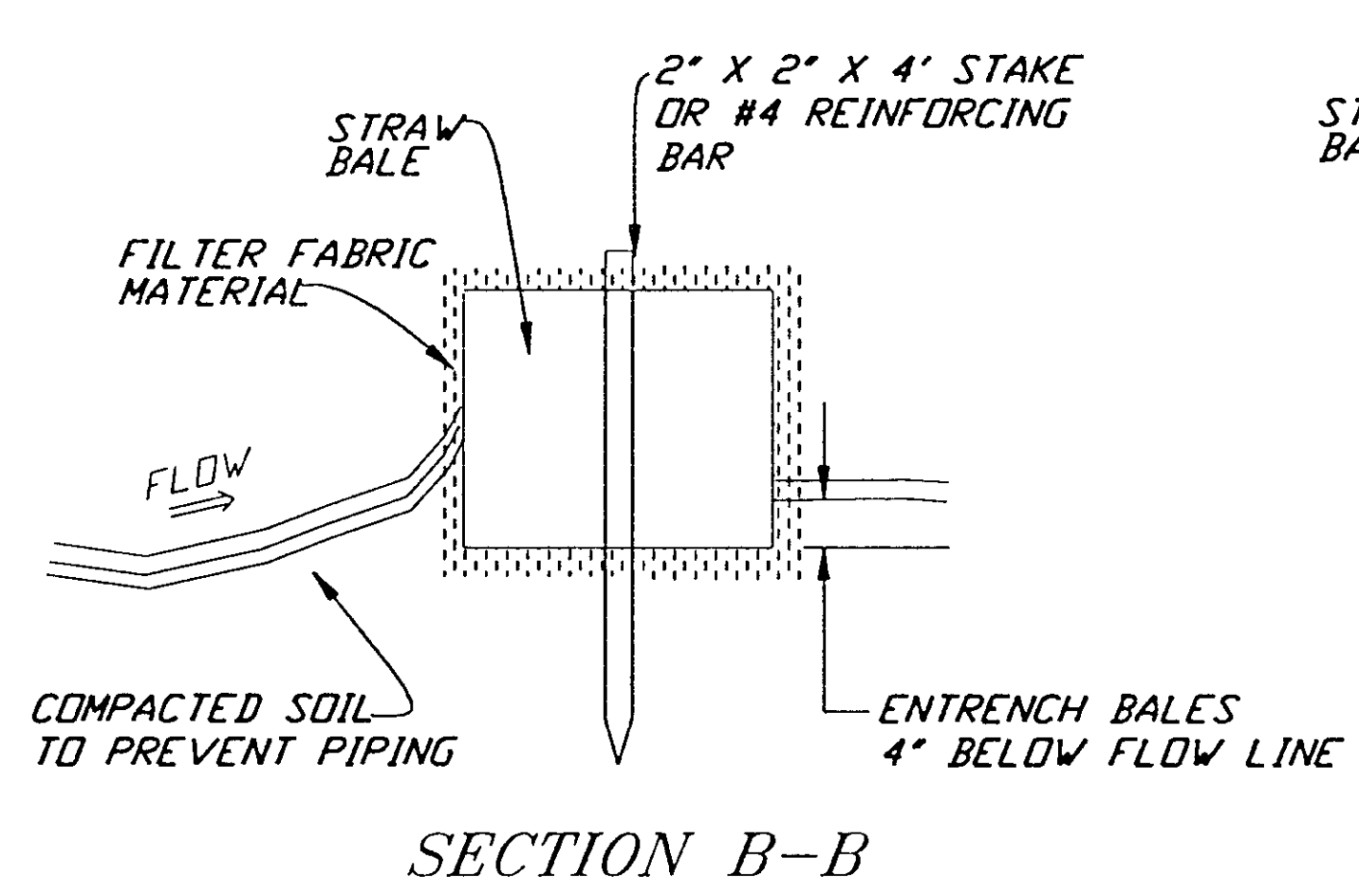
4 SNOW POLE  
48



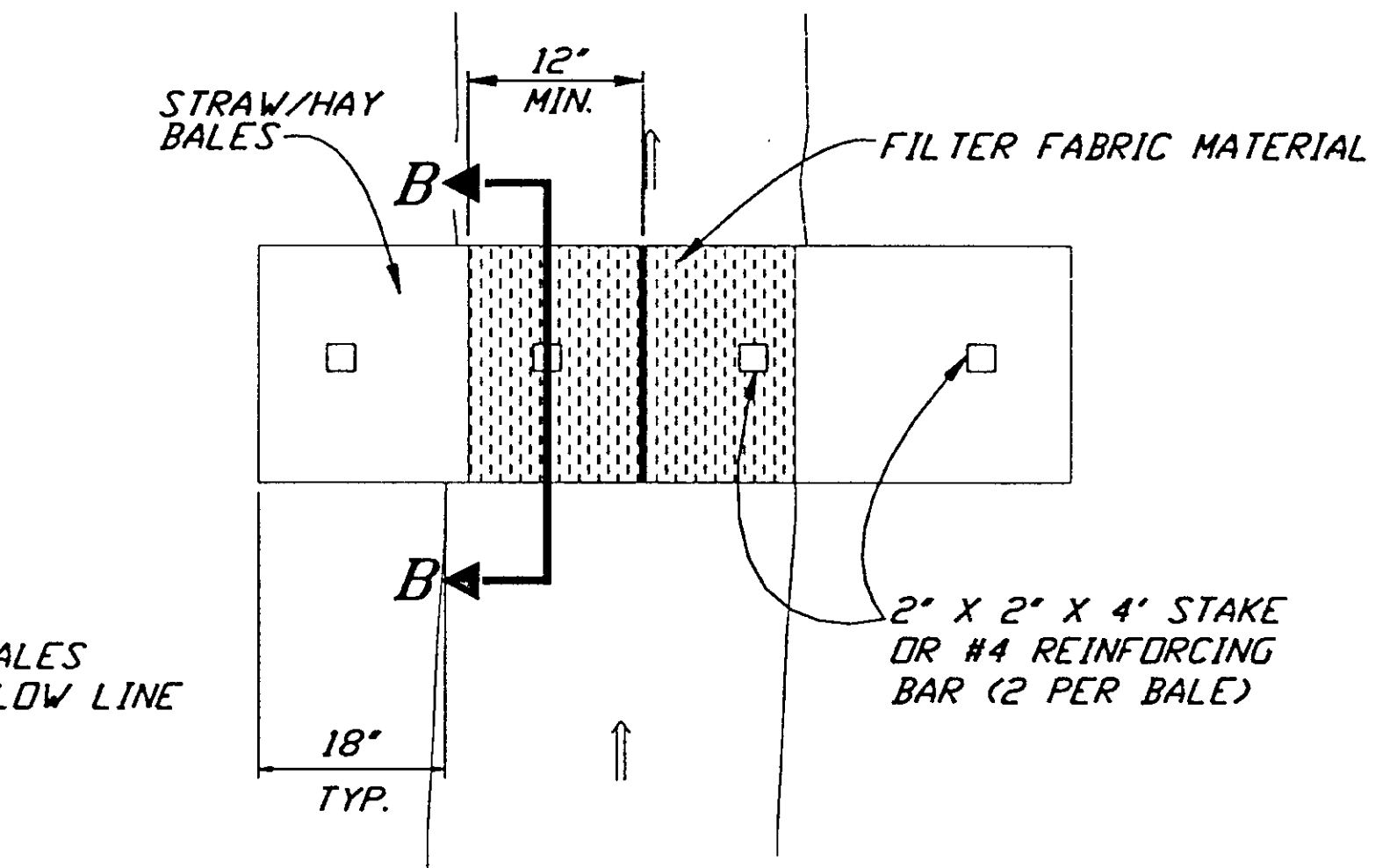
3 RETAINING WALL  
48  
OUTSIDE ELEVATION



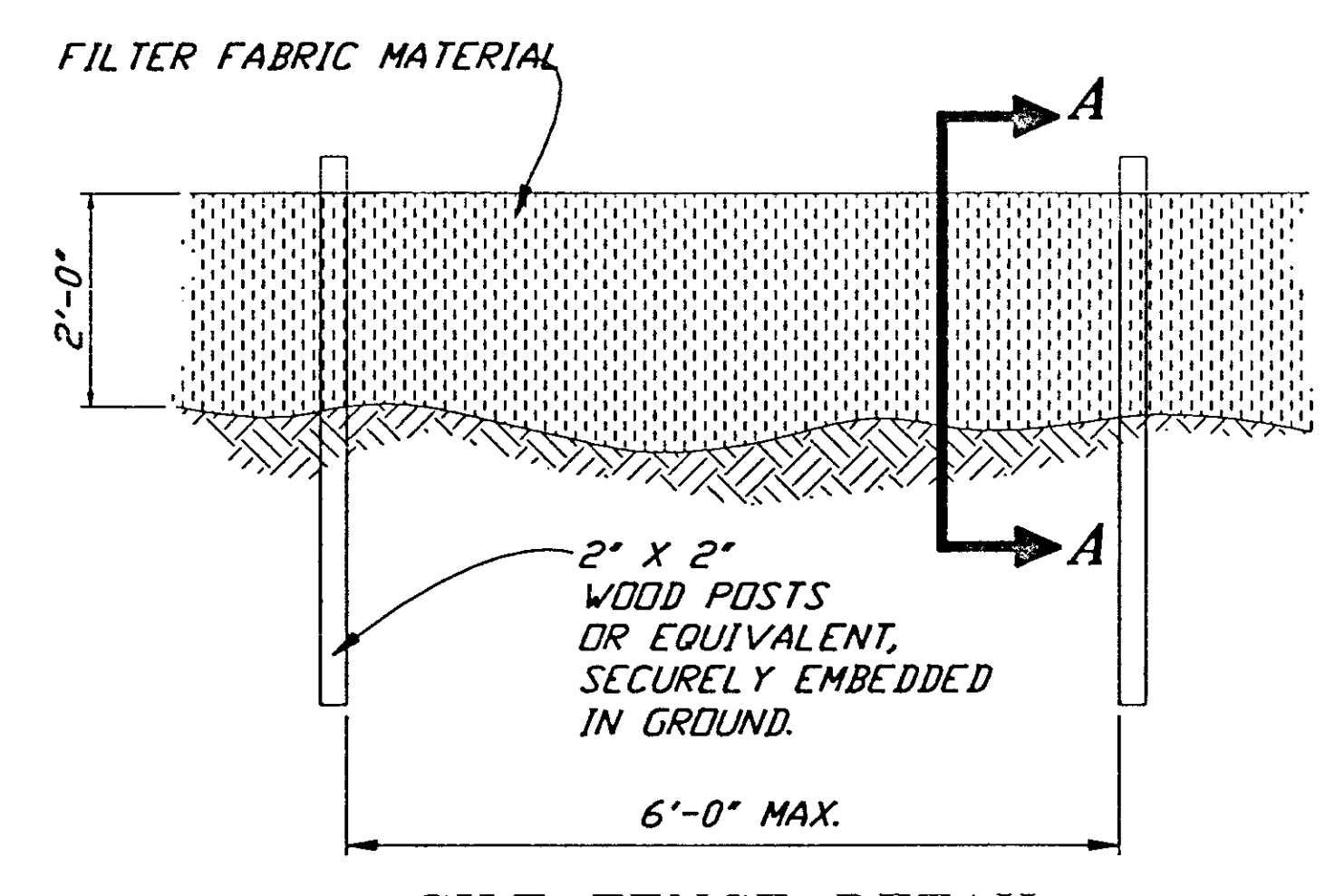
|           |                     |             |           |              |
|-----------|---------------------|-------------|-----------|--------------|
| STATE     | PROJECT DESCRIPTION | YEAR        | SHEET NO. | TOTAL SHEETS |
| AK        | TEA-095-6(16)/72025 | 1996        | 49        | 50           |
| REVISIONS |                     |             |           |              |
| NO.       | DATE                | DESCRIPTION |           |              |
|           |                     |             |           |              |
|           |                     |             |           |              |



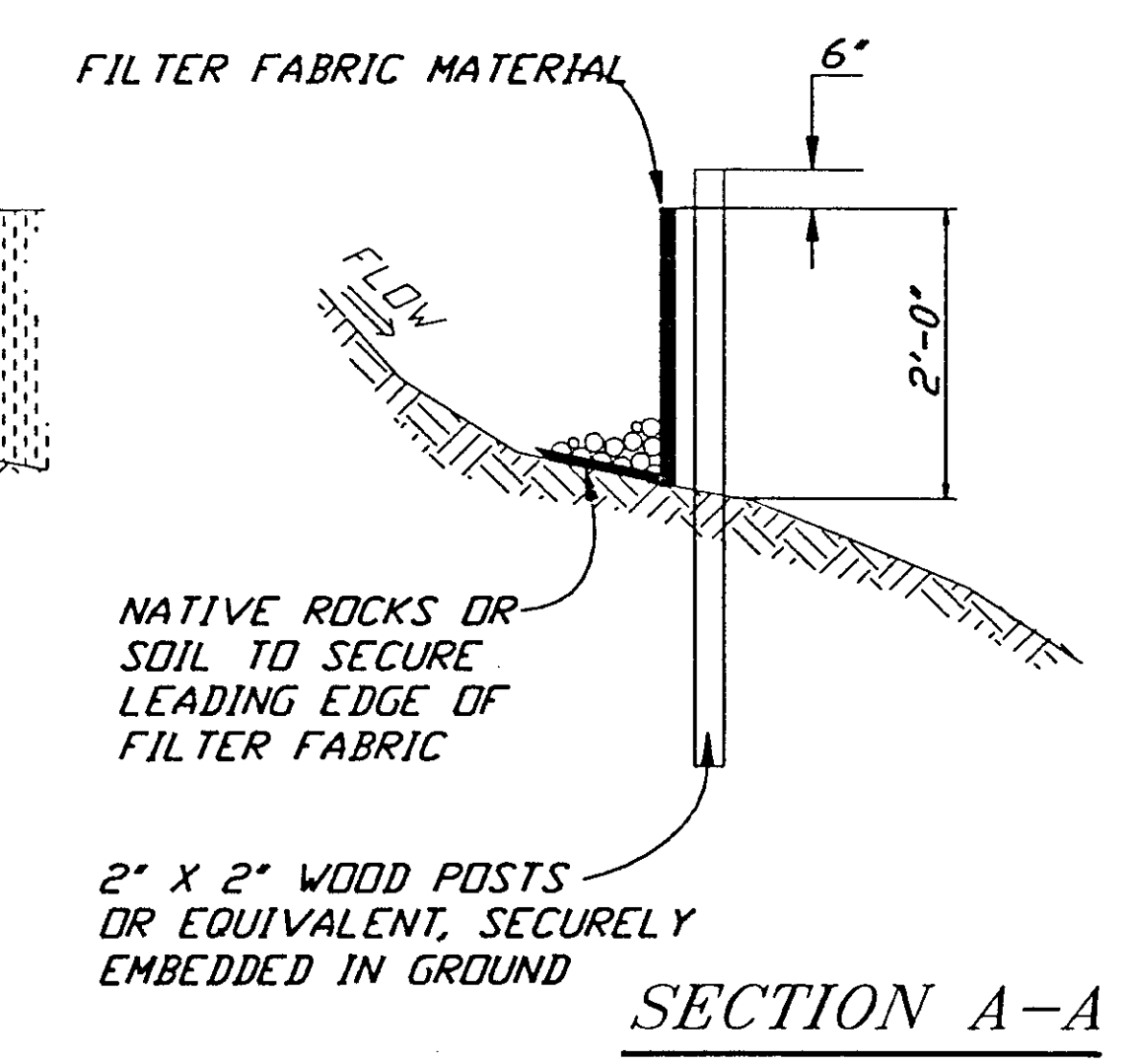
SECTION B-B



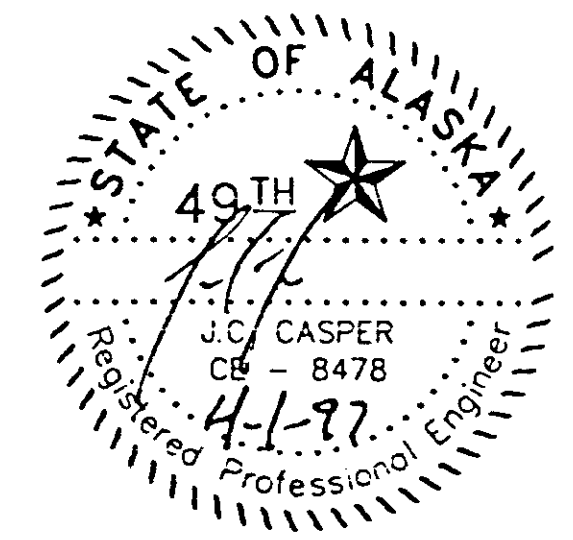
TYPE "A" SEDIMENT FILTER DETAIL



SILT FENCE DETAIL

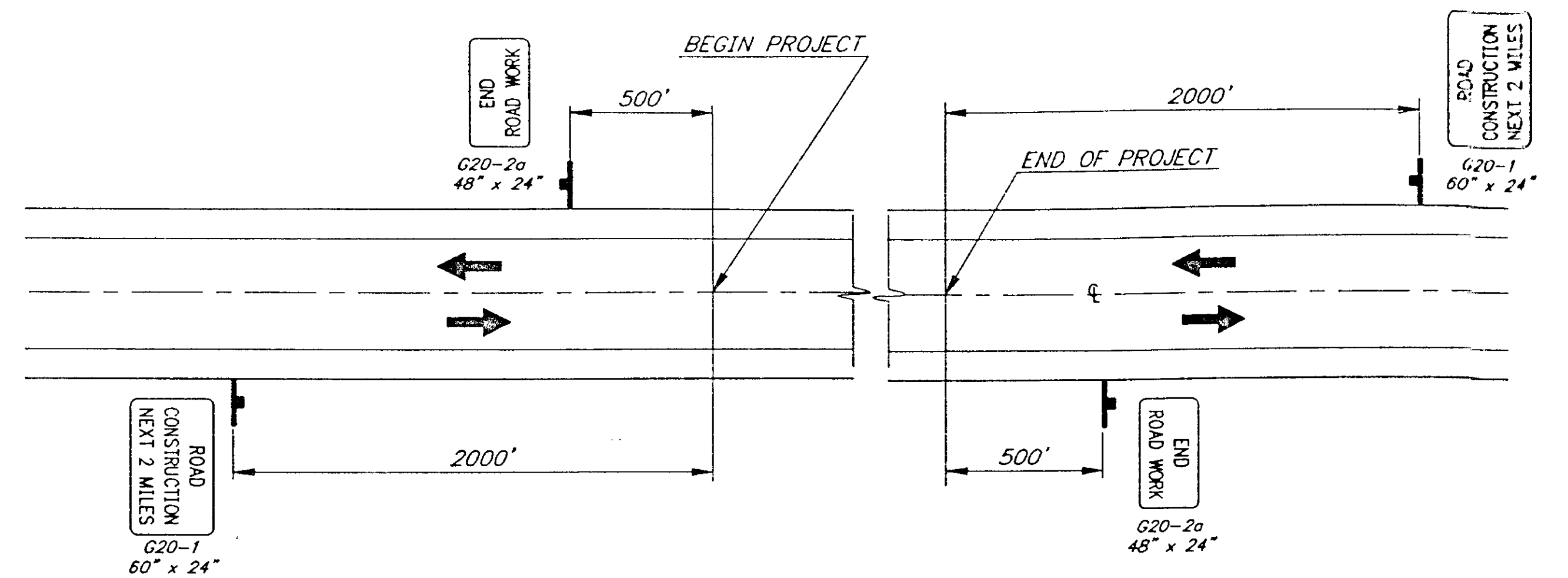


SECTION A-A



## TRAFFIC CONTROL NOTES

1. A MINIMUM OF TWO LANES SHALL BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS, EXCEPT DURING FLAGGING OPERATIONS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".
3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
4. FLOOD LIGHTS SHALL BE PROVIDED FOR FLAGGER STATIONS DURING NIGHT OPERATIONS.
5. A SINGLE FLAGGER MAY BE APPROVED BY THE ENGINEER IF THE ENTIRE WORK AREA IS LESS THAN 300' AND VISIBLE FROM THE FLAGGER STATION.
6. CHANNELIZATION DEVICES IF USED AT NIGHT SHALL BE LIT IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL.
7. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE PORTIONS OF DETAILS ON THESE SHEETS.

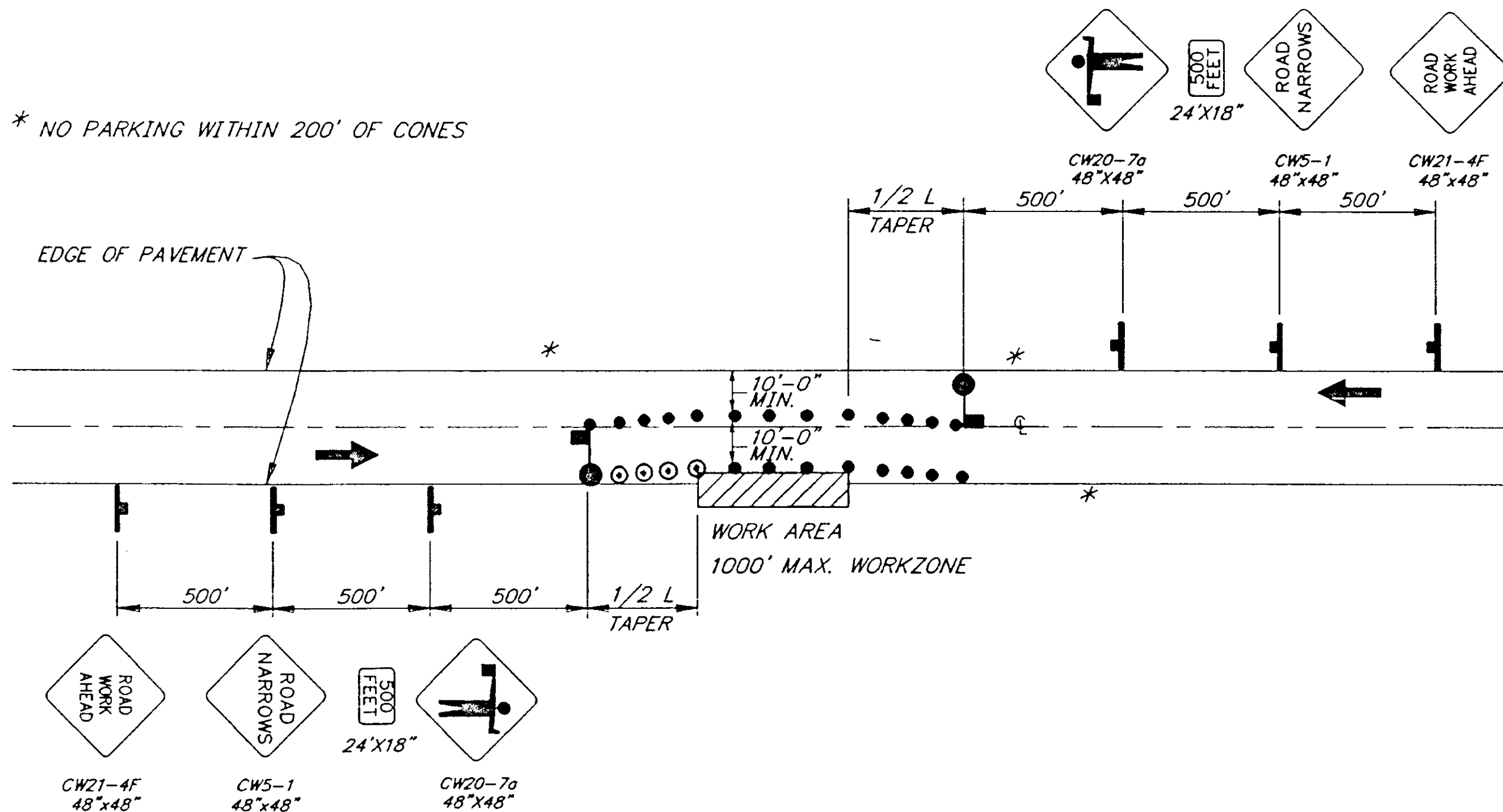


### LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION

## PERMANENT CONSTRUCTION SIGNING

\* NO PARKING WITHIN 200' OF CONES



### SPECIAL FLAGGER DETAIL

NOTE: IF ONLY ONE LANE IS EFFECTED BY ROAD WORK (THAT IS, THE CONES ALONG THE WORK AREA ARE NO CLOSER THAN 10' TO CENTERLINE) THE CENTERLINE CONES FOR THE OPPOSING LANE MAY BE DELETED.

#### FORMULAS FOR L (TAPER LENGTH)

40MPH OR LESS  $L = \frac{W \times S^2}{60}$

45 MPH OR GREATER  $L = W \times S$

WHERE W = WIDTH OF OFFSET  
S = POSTED SPEED LIMIT OR ANTICIPATED OPERATING SPEED

DRUM OR CONE SPACING = S (IN FEET)

NOTE: DO NOT SCALE FROM THESE PLANS—USE DIMENSIONS

|  |                        |
|--|------------------------|
| PATH: P:\HNS\72025\DR\TCP                        |                        |
| PLOT: P:\-LIB\-PLOT\PL01F.PCP(1) OR PLOT4.PCP(2) |                        |
| BY:  | DESCRIPTION OF CHANGE: |
| DATE:  |                        |

**RECORD OF REVISIONS**

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SOUTHEAST REGION DESIGN & CONSTRUCTION

HAINES

COUNCIL GROUND TRAIL  
CHILKAT BALD EAGLE PRESERVE  
ALASKA  
FED. NO. TEA-095-6(16) PROJECT NO. 72025  
**TRAFFIC CONTROL PLAN**

DESIGNED BY: K. MATTSON  
DRAWN BY: W. HICKOK  
CHECKED BY: R. PURVES

PROJECT NO. 72025  
DATE: 1996  
SHEET 50 OF 50

