

TOWN OF CAPE ELIZABETH

COPY NO. _____

CAPE ELIZABETH, MAINE
CONTRACT DRAWINGS FOR

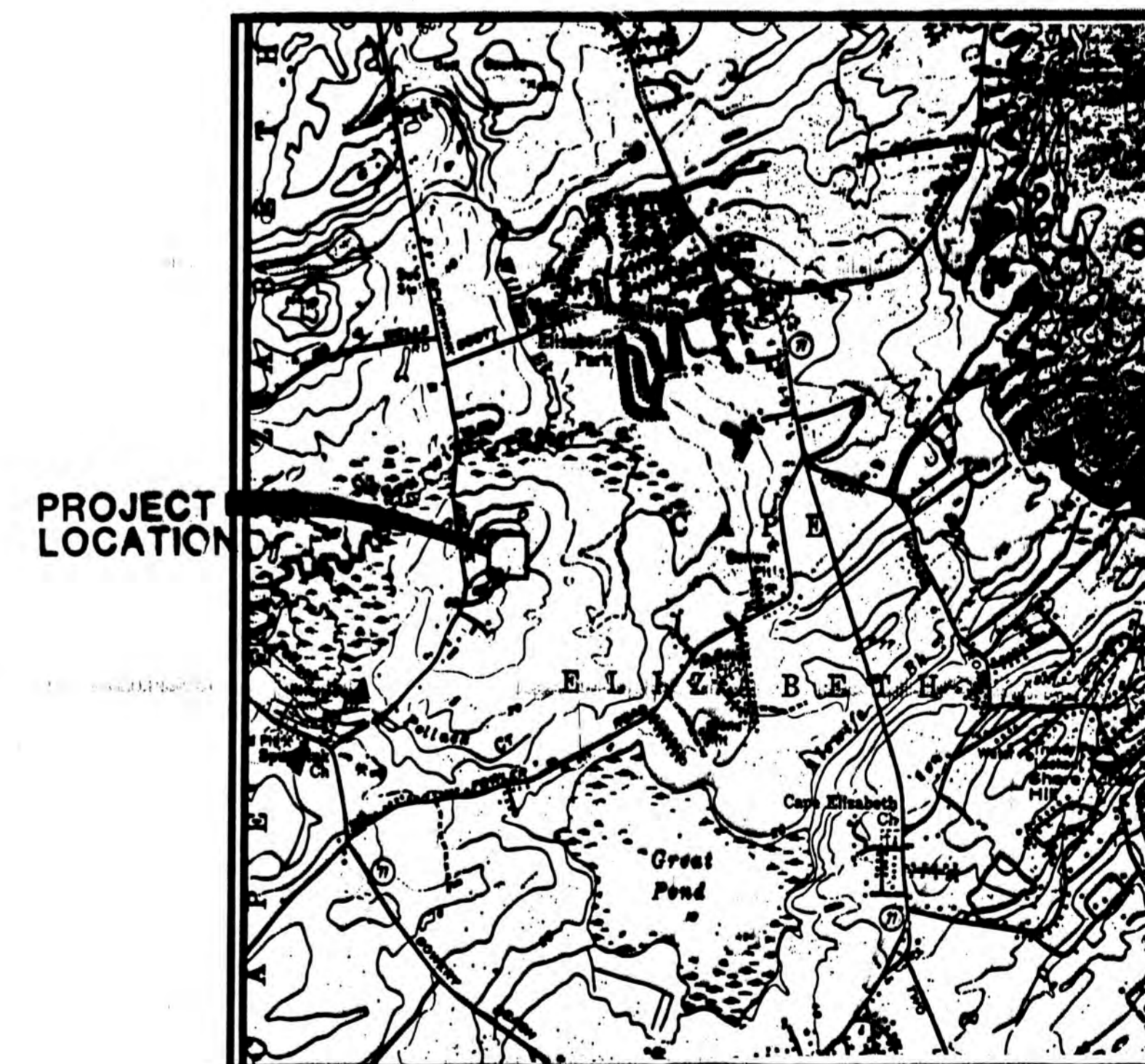
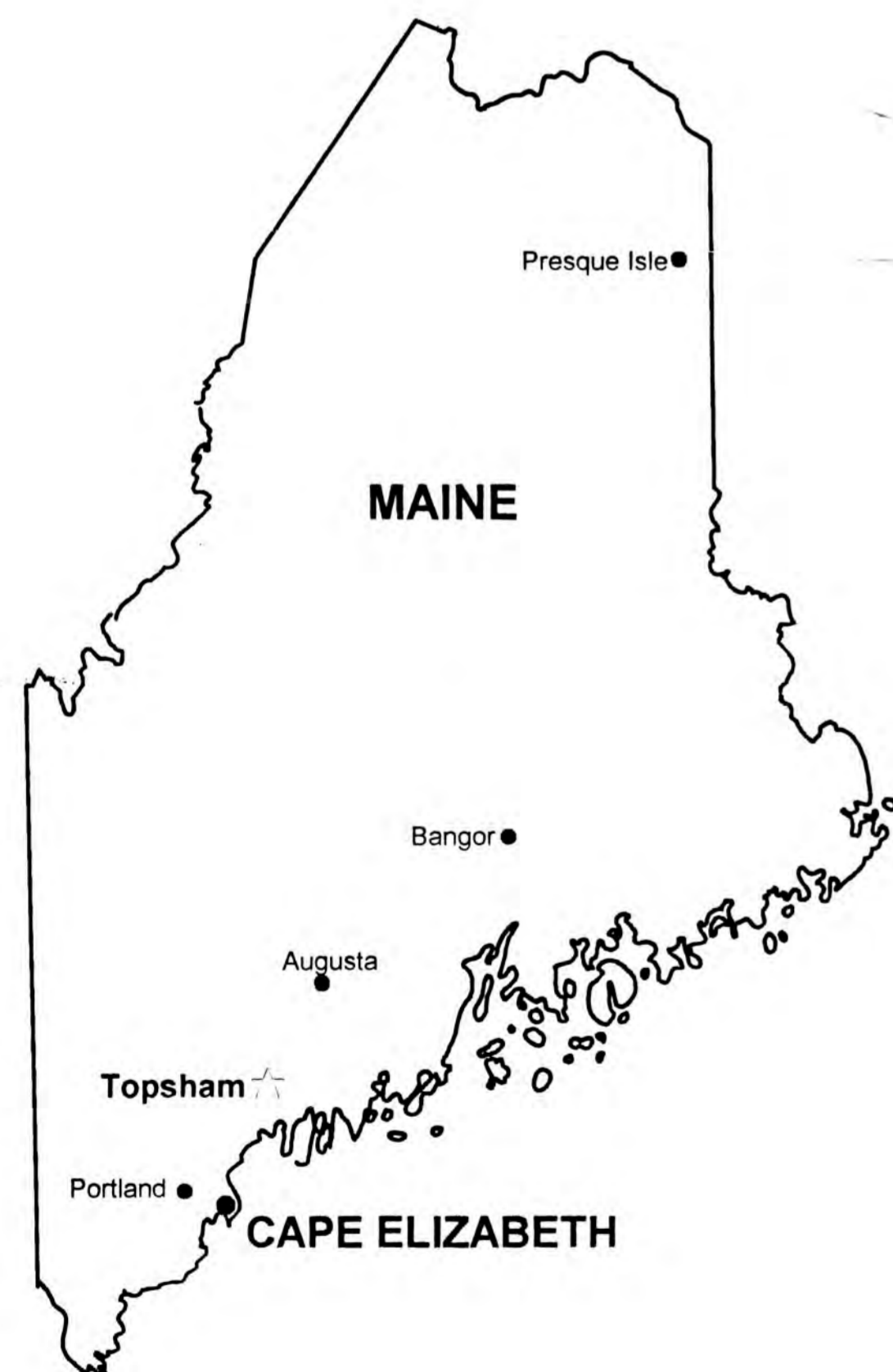
CDD TRANSFER STATION AND LANDFILL CLOSURE

*Construction
Drawings
Only
Not As-Builts!*

APRIL 1996

INDEX

-	COVER SHEET
1	GENERAL NOTES AND LEGEND
2	DEMOLITION AND PRELIMINARY GRADING PLAN
3	LAYOUT PLAN
4	FINAL GRADING PLAN
5	SWAP SHOP BUILDING ARCHITECTURAL PLANS AND ELEVATIONS
6	RETAINING WALLS, ELEVATIONS AND SECTIONS
7	MISCELLANEOUS BUILDING/RETAINING WALL NOTES AND DETAILS
8	CROSS SECTION STA. 11+00 TO STA. 14+00
9	CROSS SECTION STA. 14+50 TO STA. 15+50
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11	CROSS SECTION STA. 17+00 TO STA. 17+50
12	CROSS SECTION STA. 18+00 TO STA. 18+50
13	CROSS SECTION STA. 19+00 TO STA. 19+50
14	CROSS SECTION STA. 20+00 TO STA. 21+00
15	CROSS SECTION STA. 21+50
16	PROFILE ALONG CONSTRUCTION BASELINE
17	MISCELLANEOUS CIVIL DETAILS



LOCUS MAP

WP **Wright-Pierce**
Engineers & Surveyors
Topsham, Maine

FOR BIDDING APRIL 5, 1996

WP PROJECT NO. 6564

GENERAL NOTES

- ALL ELEVATIONS REFER TO PROJECT TBM LOCATED IN THE NORTHWEST CORNER OF THE FLOOR SLAB OF THE TRANSFER BUILDING.
- PROPERTY LINES SHOWN ON THIS PLAN ARE APPARENT AND NO REPRESENTATION IS MADE, NOR TO BE INFERRED THAT IT IS THE TRUE PROPERTY LINE.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- EXISTING CONTOURS AND TOPOGRAPHY OF THE LANDFILL IS BASED ON TOPOGRAPHIC SURVEY BY WOODARD & CURRAN JULY 1994, AND E.C. JORDAN JUNE 4, SEPT. 1977.
- THE CONTRACTOR IS REFERRED TO SECTION 01050 OF THE SPECIFICATIONS REGARDING COORDINATION WITH OTHERS, INCLUDING RESPONSIBILITIES AND RELATED COSTS.
- ALL AREAS THAT ARE EXCAVATED, FILLED, GRADED OR OTHERWISE DISTURBED BY CONSTRUCTION SHALL BE LOAMED (OR LOAM/COMPOST BLEND), GRADED, LIMED, FERTILIZED, SEEDED AND MULCHED. CONTRACTOR SHALL GRADE ALL NON-PAVED OR GRAVEL AREAS OUTSIDE THE TOE OF THE CAP TO 6 INCHES BELOW FINISH GRADE. ALL DISTURBED AREAS OUTSIDE THE TOE OF THE CAP TO BE SEEDED SHALL HAVE LOAM (OR LOAM/COMPOST BLEND) APPLIED TO A DEPTH OF 6 INCHES PRIOR TO SEEDING. LOAM (OR LOAM COMPOST/BLEND) SEED AND MULCH SHALL CONFORM TO SECTION 02485 OF THE SPECIFICATIONS.
- CONTRACTOR SHALL NOT TRACK OR SPILL EARTH, DEBRIS, OR OTHER CONSTRUCTION MATERIAL ON PUBLIC OR PRIVATE ROADS AND ACCESS ROADS. ALL MATERIAL THAT IS SPILLED OR TRACKED SHALL BE REMOVED IMMEDIATELY AND TO THE SATISFACTION OF THE OWNER AND AT NO COST TO OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.
- CONSTRUCTION TESTING FOR CAP CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 02205. ANY SETTLEMENT OCCURRING WITHIN ONE YEAR OF ACCEPTANCE OF THE WORK WILL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE OWNER WILL BE RESPONSIBLE FOR OBTAINING ANY PERMITS LISTED IN THE SUPPLEMENTARY CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH PERMIT AS THEY APPLY TO THE WORK, PRIOR TO BIDDING. ALL OTHER PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL CONTROL DUST ON THE CONSTRUCTION SITE AND ALONG THE HAUL ROAD TO A REASONABLE LIMIT, AS DETERMINED BY THE ENGINEER, AS OUTLINED IN SPECIFICATION SECTION 01562.
- CONTRACTOR SHALL PROTECT FROM DAMAGE ALL HAUL ROUTES TO TRANSFER STATION/LANDFILL AND ACCESS ROAD. ALL PAVED ROADS/ROUTES AND OTHER ITEMS DAMAGED BY CONTRACTOR SHALL BE REPAIRED, REBUILT OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO COST TO OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED WORK AS SHOWN ON THE DRAWINGS. ALL STATIONS AND OFFSETS ARE GIVEN FROM THE CONSTRUCTION BASELINE. THE ENGINEER WILL PROVIDE THE CONSTRUCTION BASELINE STATIONING ALONG WITH BEGINNING AND ENDING MONUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BASELINE THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY BASELINE DISCREPANCIES IMMEDIATELY TO ENGINEER.
- DO NOT SCALE DISTANCES OR DIMENSIONS FROM THE DRAWINGS. WRITTEN DIMENSIONS SHALL PREVAIL. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING AND RESETTling ALL EXISTING PROPERTY MONUMENTATION DISTURBED BY HIS OPERATIONS. THIS WORK SHALL BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE, AT NO ADDITIONAL COST TO THE OWNER.
- ANY DAMAGE TO EXISTING PROPERTY OWNED BY RESIDENTS AND PROPERTY OR WORK IN PROGRESS BY OTHERS AS A RESULT OF THE CONTRACTOR'S OR HIS SUBCONTRACTOR'S OPERATION SHALL BE MADE GOOD BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CONSTRUCTION ACTIVITIES WITH THE TOWN OF CAPE ELIZABETH TO ENSURE THAT SAFE DRIVING AND WORKING CONDITIONS ARE MAINTAINED.
- CONTRACTOR SHALL REFER TO THE DRAWINGS FOR INFORMATION REGARDING LIMIT OF WORK.
- CONTRACTOR SHALL FURNISH, OPERATE AND MAINTAIN DEWATERING EQUIPMENT FOR THE CONTROL COLLECTION AND DISPOSAL OF GROUND AND SURFACE WATER WHERE NECESSARY TO COMPLETE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF FLOWS RESULTING FROM PRECIPITATIONS AS WELL AS HIS DEWATERING OPERATIONS. DISPOSE OF WATER PUMPED OR DRAINED FROM THE CONSTRUCTION SITE IN A SUITABLE MANNER TO AVOID PUBLIC NUISANCE, INJURY TO PUBLIC HEALTH, DAMAGE TO PUBLIC AND PRIVATE PROPERTY, AND DAMAGE TO THE WORK COMPLETED OR IN PROGRESS. PROVIDE SUITABLE TEMPORARY CHANNELS FOR WATER THAT MAY FLOW ALONG OR ACROSS THE CONSTRUCTION SITE. ALL FLOWS RESULTING FROM DEWATERING OPERATIONS SHALL BE RELEASED INTO A HAY BALE/SILT FENCE SEDIMENTATION AREA. THE LOCATION AND CONSTRUCTION OF THIS AREA SHALL BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING ANY DEWATER OPERATIONS.
- KEEP WORK AREAS DEWATERED UNTIL FILL MATERIAL HAS BEEN PLACED AND COMPACTED TO SUCH AN EXTENT THAT COMPACTION WILL NOT BE DAMAGED BY WATER.
- ANY DAMAGE RESULTING FROM THE DEWATERING OPERATIONS, OR THE FAILURE OF THE CONTRACTOR TO MAINTAIN THE WORK IN A SUITABLY DRY CONDITION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE TOWN.
- LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK.

TELEPHONE: ELECTRIC:
DIG SAFE: CENTRAL MAINE POWER CO.
1-800-225-4977 1-800-696-1000

- ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED.
- ALL PIPING AND CONDUIT INSTALLED BENEATH FOOTINGS OR SLABS SHALL BE ENCASED IN CONCRETE.
- PROVIDE WALL CASTINGS OR STEEL PIPE SLEEVE FOR ALL PIPE PENETRATIONS MADE THROUGH CONCRETE FOUNDATIONS, WALLS AND SLABS. ALL SLEEVES AND WALL CASTINGS SHALL HAVE WATERSTOPS.
- ALL ROAD AND PARKING AREA SURFACES SHALL PITCH 1/4" INCH PER FOOT MINIMUM FROM CENTER OF SITED OR HIGH POINT TO LOW POINT, UNLESS OTHERWISE NOTED.
- IN GENERAL, ALL STRUCTURE LOCATIONS ARE TO THE OUTSIDE FACE OF THE STRUCTURE SLAB WALL. REFER TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING AND STRUCTURE DIMENSIONS.
- LITTLE INFORMATION IS AVAILABLE ON THE EXACT LOCATION OF EXISTING UNDERGROUND PIPING AND UTILITIES. USE EXTREME CARE IN EXCAVATING FOR THE PROPOSED CONCRETE SLAB.
- THE LOCATION AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS SHALL BE REVIEWED/COORDINATED WITH, AND BE ACCEPTABLE TO, THE OWNER AND ENGINEER. THE CONTRACTOR SHALL LIMIT HIS ACTIVITIES TO THESE AREAS.

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL PROVIDE PROPER EROSION CONTROL AND DRAINAGE MEASURES IN ALL AREAS OF WORK, AND CONFINE SOIL SEDIMENT TO WITHIN THE LIMITS OF EXCAVATION AND GRADING. PRIOR TO BEGINNING EXCAVATION WORK, EROSION CONTROL FENCE SHALL BE INSTALLED AT THE DOWN GRADIENT PERIMETER OF THE ACTUAL LIMITS OF CLEARING, GRUBBING AND/OR GRADING, AS SHOWN ON THE DRAWINGS. EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE A MINIMUM, CONTRACTOR SHALL TAKE ALL OTHER NECESSARY MEASURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION PERIOD. ALL DISTURBED EARTH SURFACES SHALL BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED OR SATISFACTORY GROWTH OF GRASS IS ESTABLISHED.
- TEMPORARY STORAGE OF STOCKPILED MATERIAL SHALL BE STABILIZED IN A MANNER THAT WILL MINIMIZE EROSION.
- AREAS TO REMAIN EXPOSED FOR A TIME EXCEEDING 3 WEEKS SHALL RECEIVE TEMPORARY SEEDING AS INDICATED BELOW:

SEASON	SEED	RATE
SUMMER (5/15-8/15)	SUDANGRASS	40 LBS/ACRE
LATE SUMMER/EARLY FALL (8/15-9/15)	OATS	80 LBS/ACRE
FALL (9/15-10/1)	PERENNIAL RYEGRASS	40 LBS/ACRE
WINTER (10/1-4/1)	WINTER RYE	112 LBS/ACRE
SPRING (4/1-7/1)	MULCH W/DORMANT SEED	80 LBS/ACRE*
	OATS	80 LBS/ACRE
	ANNUAL RYEGRASS	40 LBS/ACRE

* seed rate only

- REMOVE ALL SEDIMENT WHICH COLLECTS BEHIND EROSION CONTROL FENCING AND DISPOSE OF MATERIAL. AT NO TIME SHALL THE INTEGRITY OF THE EROSION CONTROL FENCE BE IN DANGER DUE TO BUILDUP OF SEDIMENT.
- ALL INSTALLED EROSION CONTROL FACILITIES SHALL BE REMOVED AT THE END OF THE PROJECT.
- THE CONTRACTOR SHALL FURNISH THE ENGINEER, IN WRITING, HIS WORK PLAN GIVING PROPOSED LOCATIONS FOR STORAGE OF ALL MATERIALS TO BE USED IN THE CAPPING OF THE SOLID WASTE LANDFILL BEFORE BEGINNING CONSTRUCTION. A SCHEDULE OF WORK SHALL ACCOMPANY THE WORK PLAN. ACCEPTANCE OF THIS PLAN WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF COMPLETION OF THE WORK AS SPECIFIED. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, MEET WITH THE ENGINEER TO DISCUSS EROSION CONTROL REQUIREMENTS AND DEVELOP A MUTUAL UNDERSTANDING RELATIVE TO DETAILS OF EROSION CONTROL.
- EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "MAINE EROSION CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES".
- THE ENGINEER MAY MODIFY EROSION CONTROL ARRANGEMENTS TO FIT LOCAL CONDITIONS.

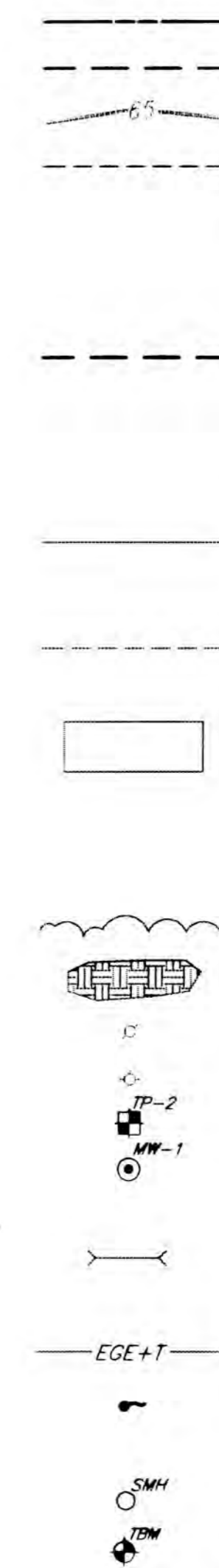
CLEARING AND GRUBBING NOTES

- CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 02110.
- CLEARING INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF TREES, BRUSH, STUMPS, WOODED GROWTH, GRASS, SHRUBS, POLES, POSTS, SIGNS, FENCES, CULVERTS, TRASH, DEBRIS OTHER VEGETATION AND MINOR STRUCTURE; THE PROTECTION OF DESIGNATED WOODED GROWTH OUTSIDE THE LIMITS OF CLEARING AND GRUBBING; THE STORAGE AND PROTECTION OF MINOR STRUCTURES AND MATERIALS WHICH ARE TO BE REPLACED; AND THE DISPOSAL OF NONSALVAGEABLE STRUCTURES AND MATERIALS, AND NECESSARY PRELIMINARY GRADING.
- PERFORM CLEARING AND GRUBBING, TO A DEPTH OF 6 INCHES BELOW THE EXISTING GRADE, AND REMOVE ALL STUMPS WITHIN THE LIMITS OF WORK REQUIRED TO CONSTRUCT THE TRANSFER STATION MODIFICATION AND THE SOLID WASTE CAP, CONSTRUCT DITCHES, OR AS SHOWN ON THE DRAWINGS.
- PERFORM ADDITIONAL CLEARING AND GRUBBING WORK WITHIN AREAS AND TO DEPTHS WHICH, IN THE OPINION OF THE ENGINEER, INTERFERE WITH EXCAVATION AND/OR CONSTRUCTION, OR ARE OTHERWISE OBJECTIONABLE.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF TREES UNAVOIDABLY FALLING OUTSIDE THE AREA TO BE CLEARED, AND REPAIR ALL THE TREES THAT ARE DAMAGED BUT ARE TO BE LEFT STANDING AND PAINT ALL CUT SURFACES WITH AN APPROVED BITUMINOUS PAINT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL UNSUITABLE MATERIAL, DEBRIS AND EXCESS MATERIAL FROM WITHIN THE CONSTRUCTION SITE AND HAUL ROUTE, TO A SUITABLE SITE PROVIDED BY THE CONTRACTOR, IN COMPLIANCE WITH ALL STATE AND LOCAL REGULATIONS. PRIOR TO CLOSURE CONSTRUCTION CONTRACTOR MAY DISPOSE OF MATERIAL IN LANDFILL.
- ALL GRUBBINGS AND CLEARED MATERIAL ARE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT A SITE PROVIDED BY THE CONTRACTOR IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS. PRIOR TO CLOSURE CONSTRUCTION CONTRACTOR MAY DISPOSE OF MATERIALS IN LANDFILL.
- CONTRACTOR MAY DISPOSE OF COMBUSTIBLE MATERIAL BY BURNING ONLY WHEN PERMITTED BY AND IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES AND CODE REQUIREMENTS. PERFORM BURNING WORK IN A DESIGNATED BURN AREA. DO NOT LEAVE FIRES UNGUARDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY BURNING AND FOR OBTAINING ALL NECESSARY BURNING PERMITS.
- WHEN APPLICABLE, CAREFULLY REMOVE, STORE, AND PROTECT TOPSOIL.

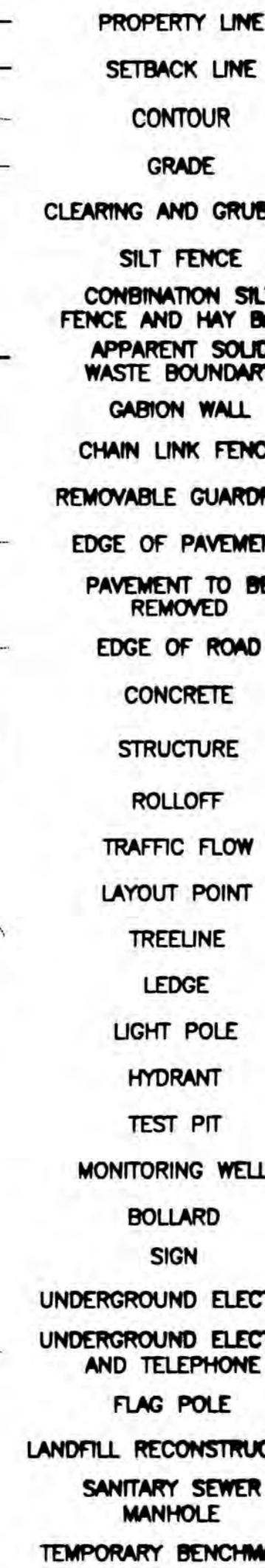
COMMONLY USED ABBREVIATIONS

C.C	CENTER TO CENTER
DIA	DIAMETER
DWG	DRAWING
E	EAST
EL	ELEVATION
EW T+B	EACH WAY TOP AND BOTTOM
MAX	MAXIMUM
MIN	MINIMUM
MW	MONITORING WELL
SF	SQUARE FEET
STA	STATION
TP	TEST PIT
TYP	TYPICAL
UGE	UNDERGROUND ELECTRIC
UGE+T	UNDERGROUND ELECTRIC AND TELEPHONE
W	WEST

EXISTING



LEGEND



PROGRESS PRINTS
ISSUED FOR REVIEW: 03-25-96
ISSUED FOR BIDDING: 04-05-96

APP'D: _____
REVISED: _____

DRAWN BY: JOSE
CHECKED BY: GREGORY
DATE: 08-07-94
APPROVED BY: GREGORY
DATE: 03-25-96
BOOK NO.: 05564
SCALE: NONE

PROJECT NO. 05564
SCALE: NONE

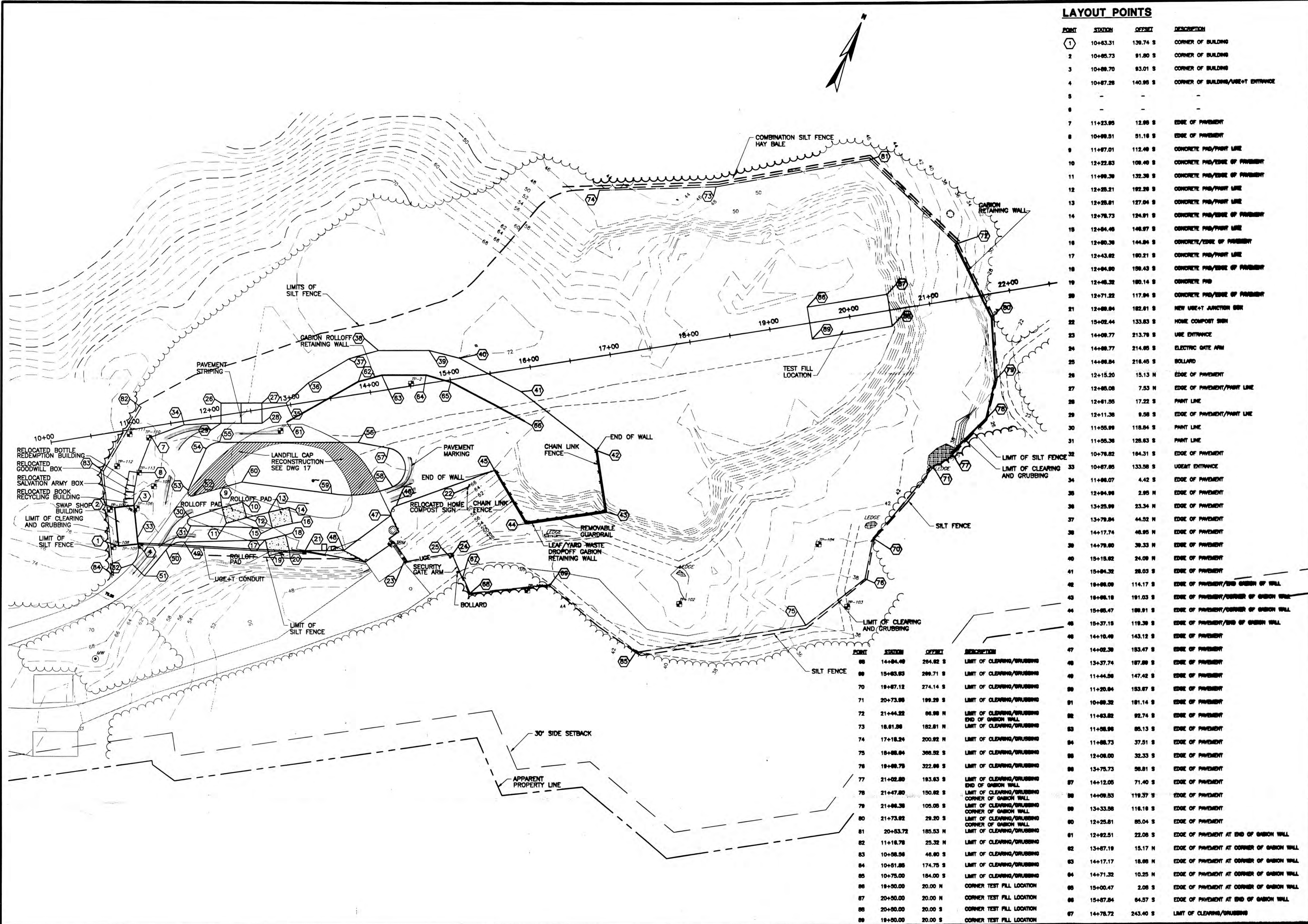
Wright-Pierce
Engineers & Surveyors
99 Main Street
Topsham, Maine 04086
TEL 207-725-8721 FAX 207-729-8414

TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE

GENERAL NOTES AND LEGEND

DWG. 1 OF 17

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LAYOUT POINTS

POINT	STATION	OFFSET	DESCRIPTION
1	10+83.31	139.74 S	CORNER OF BUILDING
2	10+85.73	91.80 S	CORNER OF BUILDING
3	10+88.70	83.01 S	CORNER OF BUILDING
4	10+87.28	140.95 S	CORNER OF BUILDING/USE+T ENTRANCE
5	-	-	-
6	-	-	-
7	11+23.95	12.95 S	EDGE OF PAVEMENT
8	10+98.51	51.18 S	EDGE OF PAVEMENT
9	11+87.01	112.48 S	CONCRETE PAD/PART LINE
10	12+22.83	108.48 S	CONCRETE PAD/EDGE OF PAVEMENT
11	11+99.39	132.38 S	CONCRETE PAD/EDGE OF PAVEMENT
12	12+25.21	192.28 S	CONCRETE PAD/PART LINE
13	12+25.81	127.04 S	CONCRETE PAD/PART LINE
14	12+78.73	124.91 S	CONCRETE PAD/EDGE OF PAVEMENT
15	12+84.48	148.97 S	CONCRETE PAD/PART LINE
16	12+80.38	144.84 S	CONCRETE/EDGE OF PAVEMENT
17	12+43.82	180.21 S	CONCRETE PAD/PART LINE
18	12+84.80	158.43 S	CONCRETE PAD/EDGE OF PAVEMENT
19	12+46.32	180.14 S	CONCRETE PAD
20	12+71.22	117.94 S	CONCRETE PAD/EDGE OF PAVEMENT
21	12+88.84	182.81 S	NEW USE+T JUNCTION SIGN
22	15+02.44	133.83 S	HOME COMPOST SIGN
23	14+08.77	213.78 S	USE ENTRANCE
24	14+88.77	214.85 S	ELECTRIC GATE ARM
25	14+88.84	218.45 S	BOLLARD
26	12+15.20	15.13 N	EDGE OF PAVEMENT
27	12+85.08	7.53 N	EDGE OF PAVEMENT/PART LINE
28	12+81.55	17.22 S	PART LINE
29	12+11.38	9.58 S	EDGE OF PAVEMENT/PART LINE
30	11+55.99	118.84 S	PART LINE
31	11+55.38	128.83 S	PART LINE
32	10+78.82	184.31 S	EDGE OF PAVEMENT
33	10+87.85	133.58 S	USE+T ENTRANCE
34	11+88.07	4.42 S	EDGE OF PAVEMENT
35	12+84.98	2.95 N	EDGE OF PAVEMENT
36	13+25.99	23.34 N	EDGE OF PAVEMENT
37	13+78.84	44.52 N	EDGE OF PAVEMENT
38	14+17.74	48.95 N	EDGE OF PAVEMENT
39	14+78.80	38.33 N	EDGE OF PAVEMENT
40	15+15.82	24.08 N	EDGE OF PAVEMENT
41	15+84.32	28.03 S	EDGE OF PAVEMENT
42	16+88.08	114.17 S	EDGE OF PAVEMENT/END OF GABION WALL
43	16+88.18	191.03 S	EDGE OF PAVEMENT/CORNER OF GABION WALL
44	15+85.47	189.91 S	EDGE OF PAVEMENT/CORNER OF GABION WALL
45	15+37.15	119.38 S	EDGE OF PAVEMENT/END OF GABION WALL
46	14+16.48	143.12 S	EDGE OF PAVEMENT
47	14+02.38	153.47 S	EDGE OF PAVEMENT
48	13+37.74	187.89 S	EDGE OF PAVEMENT
49	11+44.58	147.42 S	EDGE OF PAVEMENT
50	11+20.84	153.87 S	EDGE OF PAVEMENT
51	10+88.32	181.14 S	EDGE OF PAVEMENT
52	11+83.82	92.74 S	EDGE OF PAVEMENT
53	11+58.98	85.13 S	EDGE OF PAVEMENT
54	11+88.73	37.51 S	EDGE OF PAVEMENT
55	12+08.00	32.33 S	EDGE OF PAVEMENT
56	13+75.73	58.81 S	EDGE OF PAVEMENT
57	14+12.05	71.40 S	EDGE OF PAVEMENT
58	14+09.53	119.37 S	EDGE OF PAVEMENT
59	13+33.58	116.18 S	EDGE OF PAVEMENT
60	12+25.81	85.04 S	EDGE OF PAVEMENT
61	12+82.51	22.05 S	EDGE OF PAVEMENT AT END OF GABION WALL
62	13+87.19	15.17 N	EDGE OF PAVEMENT AT CORNER OF GABION WALL
63	14+17.17	18.88 N	EDGE OF PAVEMENT AT CORNER OF GABION WALL
64	14+71.32	10.25 N	EDGE OF PAVEMENT AT CORNER OF GABION WALL
65	15+00.47	2.08 S	EDGE OF PAVEMENT AT CORNER OF GABION WALL
66	15+87.84	64.57 S	EDGE OF PAVEMENT AT END OF GABION WALL
67	14+78.72	243.40 S	LIMIT OF CLEARING/GRUBBING
68	14+84.48	264.82 S	LIMIT OF CLEARING/GRUBBING
69	15+83.93	289.71 S	LIMIT OF CLEARING/GRUBBING
70	19+87.12	274.14 S	LIMIT OF CLEARING/GRUBBING
71	20+73.98	199.29 S	LIMIT OF CLEARING/GRUBBING
72	21+44.22	86.98 N	LIMIT OF CLEARING/GRUBBING
73	18.81.58	182.81 N	LIMIT OF CLEARING/GRUBBING
74	17+18.24	200.92 N	LIMIT OF CLEARING/GRUBBING
75	18+88.84	368.52 S	LIMIT OF CLEARING/GRUBBING
76	18+88.78	322.88 S	LIMIT OF CLEARING/GRUBBING
77	21+02.80	193.83 S	LIMIT OF CLEARING/GRUBBING
78	21+47.80	150.82 S	LIMIT OF CLEARING/GRUBBING
79	21+88.38	105.08 S	LIMIT OF CLEARING/GRUBBING
80	21+73.82	29.20 S	LIMIT OF CLEARING/GRUBBING
81	20+83.72	185.53 N	LIMIT OF CLEARING/GRUBBING
82	11+18.78	25.32 N	LIMIT OF CLEARING/GRUBBING
83	10+58.58	46.80 S	LIMIT OF CLEARING/GRUBBING
84	10+81.85	174.75 S	LIMIT OF CLEARING/GRUBBING
85	10+75.00	184.00 S	LIMIT OF CLEARING/GRUBBING
86	19+50.00	20.00 N	CORNER TEST FILL LOCATION
87	20+50.00	20.00 N	CORNER TEST FILL LOCATION
88	20+50.00	20.00 S	CORNER TEST FILL LOCATION
89	19+50.00	20.00 S	CORNER TEST FILL LOCATION

ISSUED FOR REVIEW: 03-28-96
 ISSUED FOR BIDDING: 04-04-96

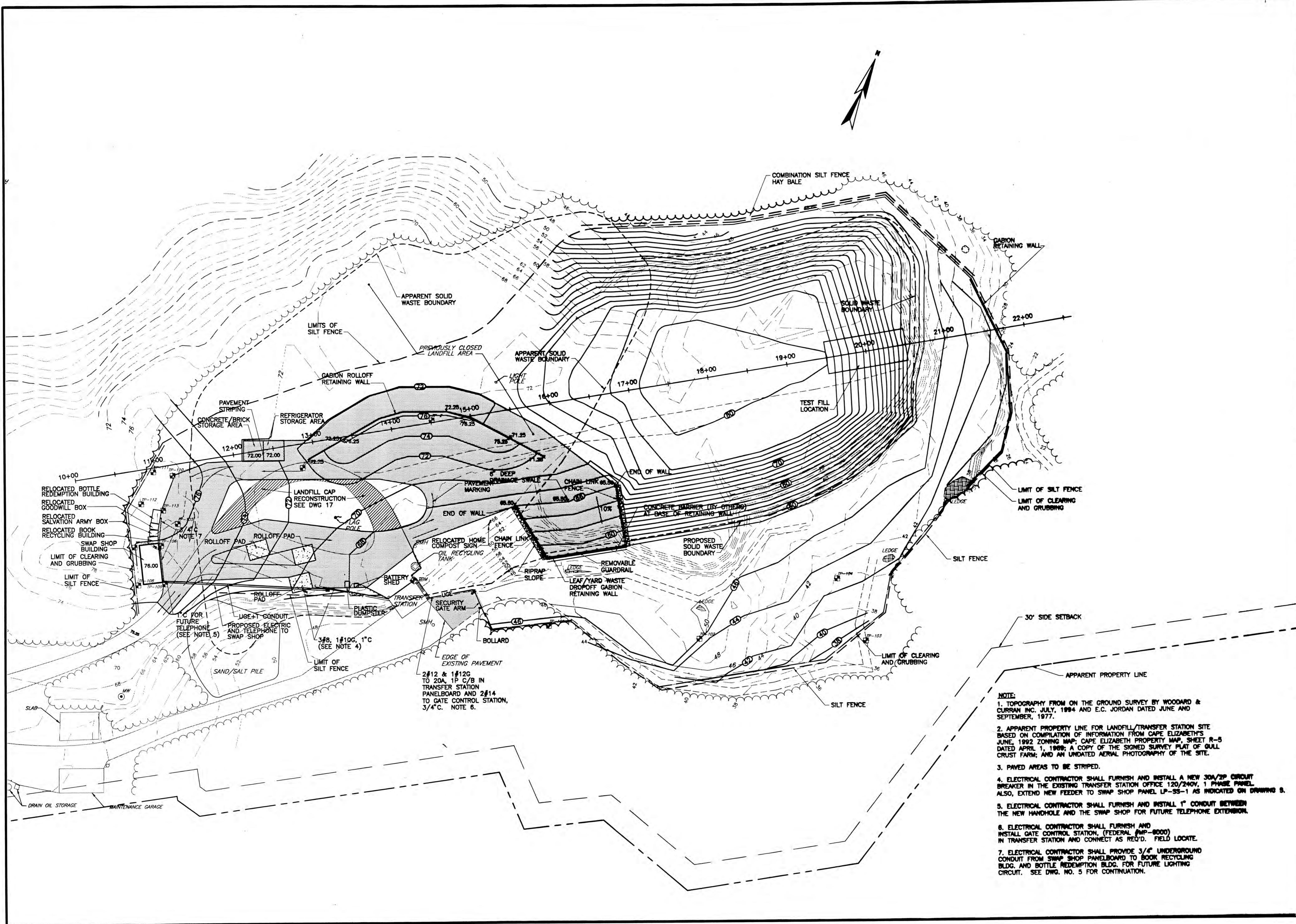
APPROVED BY: [Signature]
 DATE: 03-25-96
 PROJECT NO.: 6564
 SCALE: 1"=50'

Wright-Pierce
 Engineers & Surveyors
 99 Main Street, Topsham, Maine 04086
 TEL 207-725-8721 FAX 207-729-8414

TOWN OF CAPE ELIZABETH, MAINE
CAPE ELIZABETH STATION AND CDD TRANSFER STATION AND LANDFILL CLOSURE
LAYOUT PLAN

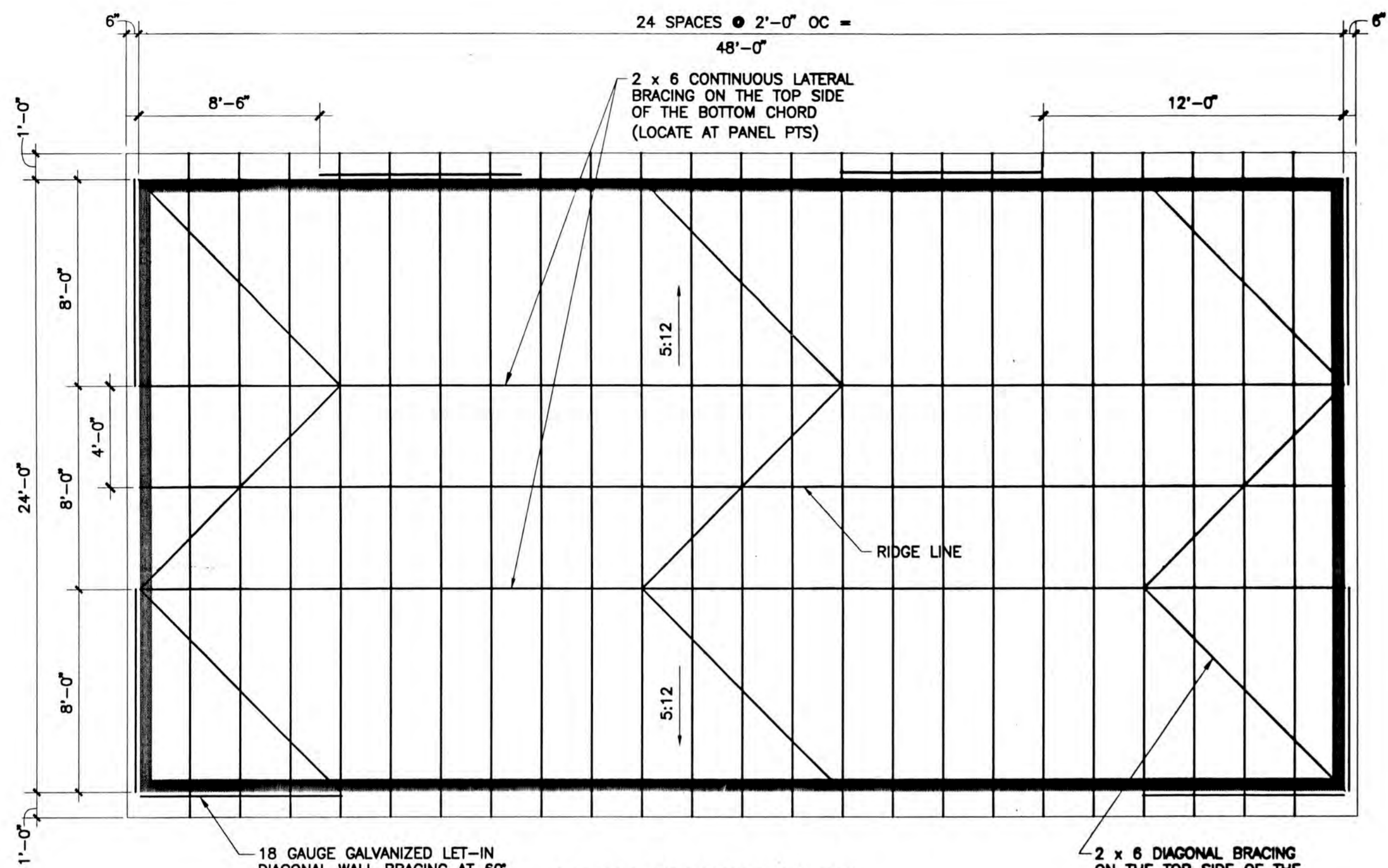
DWG. 3 OF 17

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- NOTE:**
1. TOPOGRAPHY FROM ON THE GROUND SURVEY BY WOODARD & CURRAN INC. JULY, 1994 AND E.C. JORDAN DATED JUNE AND SEPTEMBER, 1977.
 2. APPARENT PROPERTY LINE FOR LANDFILL/TRANSFER STATION SITE BASED ON COMPILATION OF INFORMATION FROM CAPE ELIZABETH'S JUNE, 1992 ZONING MAP; CAPE ELIZABETH PROPERTY MAP, SHEET R-5 DATED APRIL 1, 1989; A COPY OF THE SIGNED SURVEY PLAT OF GULL CRUST FARM; AND AN UNDATED AERIAL PHOTOGRAPHY OF THE SITE.
 3. PAVED AREAS TO BE STRIPED.
 4. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A NEW 30A/2P CIRCUIT BREAKER IN THE EXISTING TRANSFER STATION OFFICE 120/240V, 1 PHASE PANEL. ALSO, EXTEND NEW FEEDER TO SWAP SHOP PANEL LP-SS-1 AS INDICATED ON DRAWING 9.
 5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL 1" CONDUIT BETWEEN THE NEW HANDHOLE AND THE SWAP SHOP FOR FUTURE TELEPHONE EXTENSION.
 6. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL GATE CONTROL STATION, (FEDERAL #MP-6000) IN TRANSFER STATION AND CONNECT AS REQ'D. FIELD LOCATE.
 7. ELECTRICAL CONTRACTOR SHALL PROVIDE 3/4" UNDERGROUND CONDUIT FROM SWAP SHOP PANELBOARD TO BOOK RECYCLING BLDG. AND BOTTLE REDEMPTION BLDG. FOR FUTURE LIGHTING CIRCUIT. SEE DWG. NO. 5 FOR CONTINUATION.

<p>PROJECT NO. 6564 SCALE 1"=50'</p>	<p>PROJECT PRINTS ISSUED FOR REVIEW: 03-28-96 ISSUED FOR BIDDING: 04-08-96</p>
<p>NO. _____</p>	<p>REVISIONS</p>
<p>DRAWN BY DSE CHECKED BY GJMVEY DATE 08-07-95 APPROVED BY GJMVEY DATE 03-25-96 BOOK NO. _____ PROJECT NO. 6564 SCALE 1"=50'</p>	<p>NO. _____</p>
<p>Wright-Pierce Engineers & Surveyors</p>	<p>99 Main Street Topsham, Maine 04086 TEL 207-725-8721 FAX 207-729-8414</p>
<p>TOWN OF CAPE ELIZABETH, MAINE CDD TRANSFER STATION AND LANDFILL CLOSURE</p>	<p>FINAL GRADING PLAN</p>
<p>DWG.</p>	<p>4 OF 17</p>



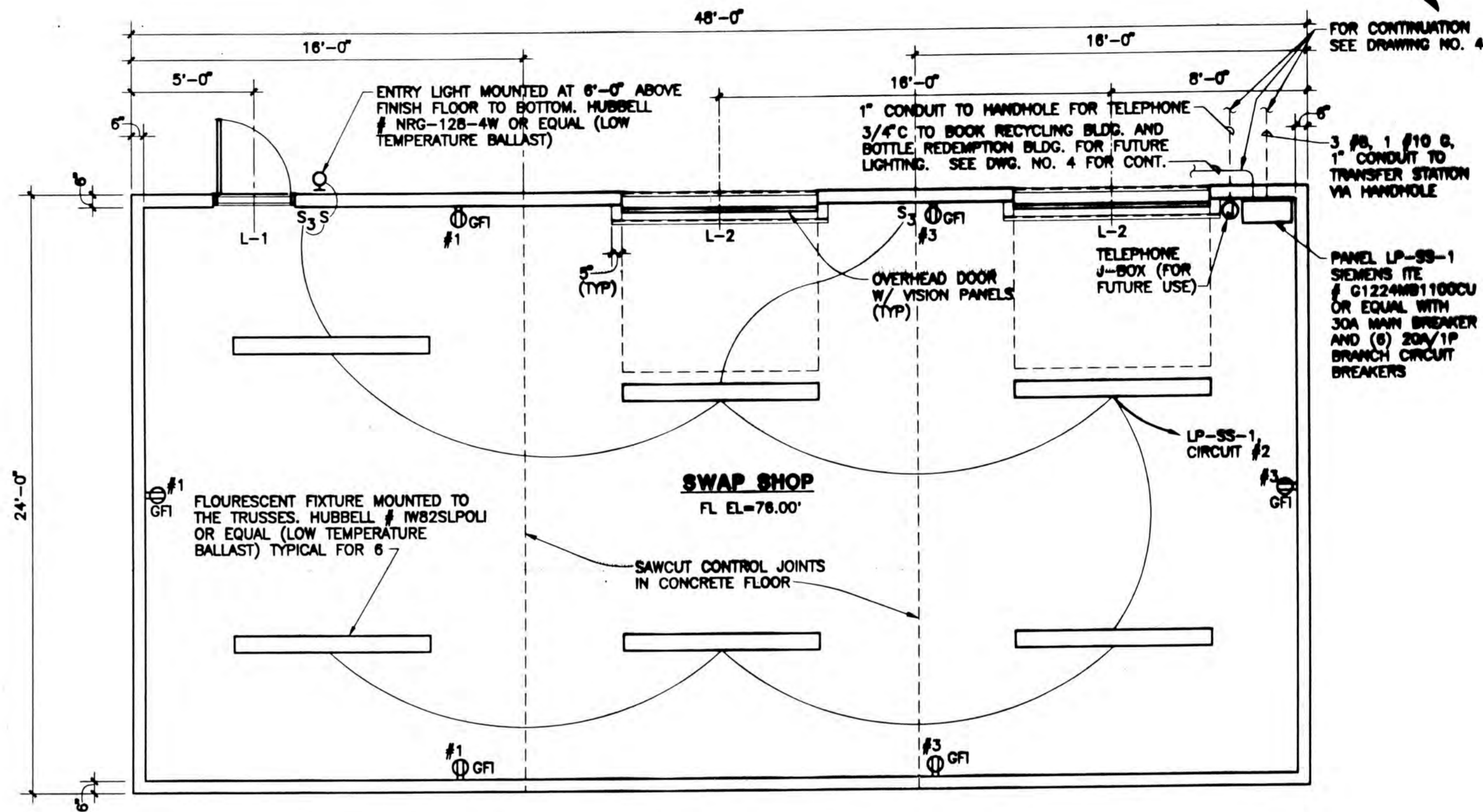
ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

NOTE: FOR GENERAL NOTES SEE DRAWING 6

18 GAUGE GALVANIZED LET-IN DIAGONAL WALL BRACING AT 60° ON THE EXTERIOR OF THE STUDWALL. CWB106 BY SIMPSON STRONG-TIE W/ 2 - 16d NAILS TO PLATES AND 1 - 8d NAILS TO STUDS (TYPICAL OF 8)

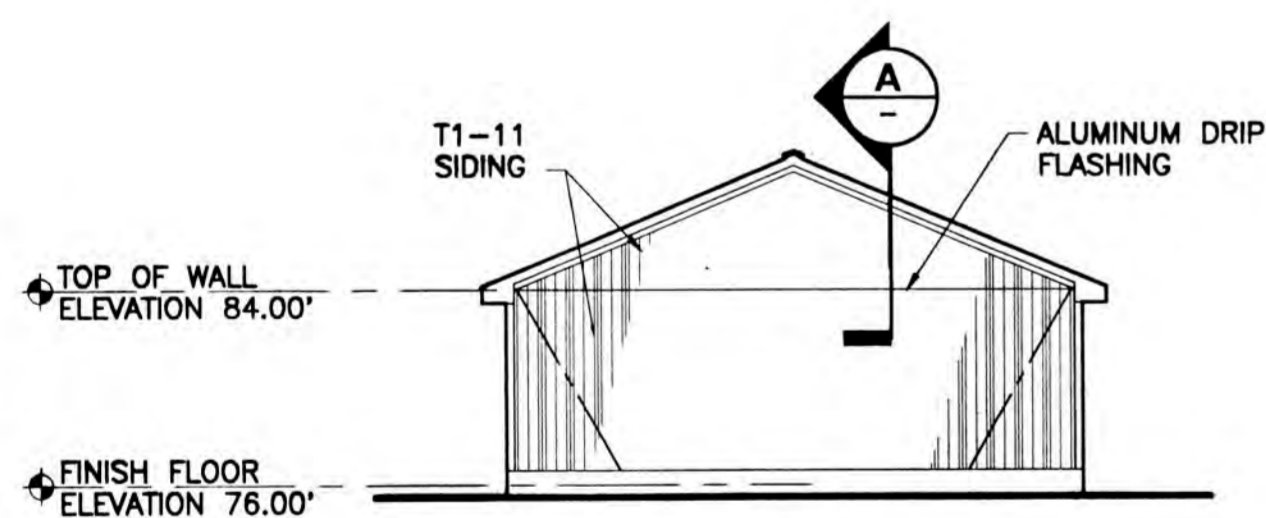
2 x 6 DIAGONAL BRACING ON THE TOP SIDE OF THE BOTTOM CHORD AND THE BOTTOM SIDE OF THE TOP CHORD (TYPICAL)



FLOOR PLAN

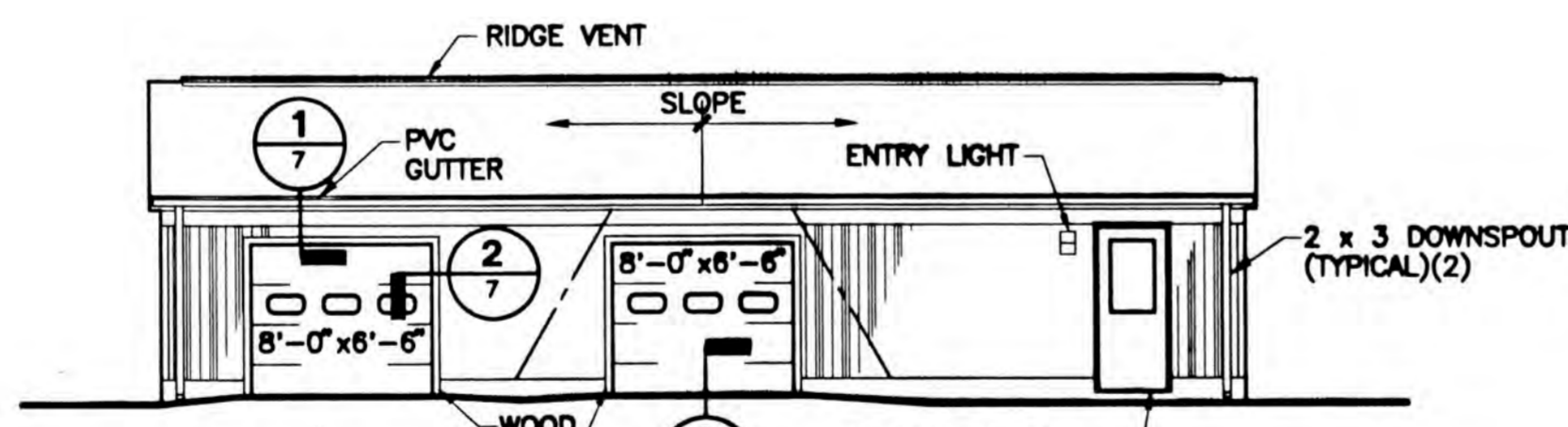
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FOR CONTINUATION SEE DRAWING NO. 4



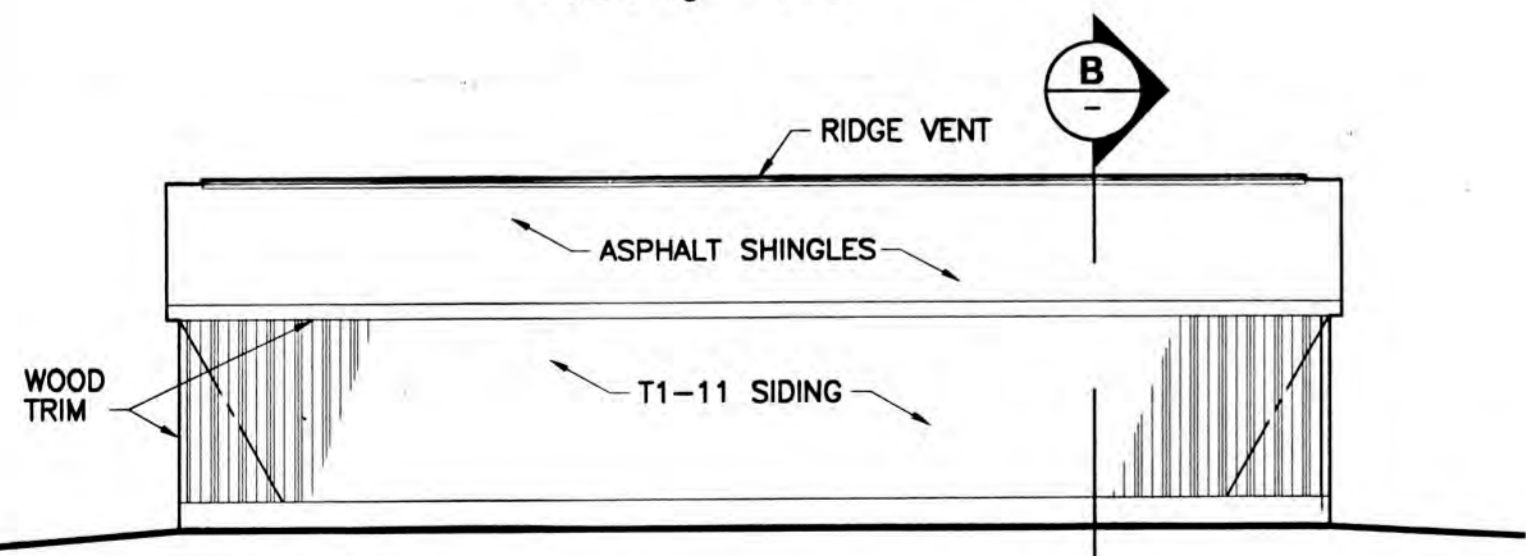
SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



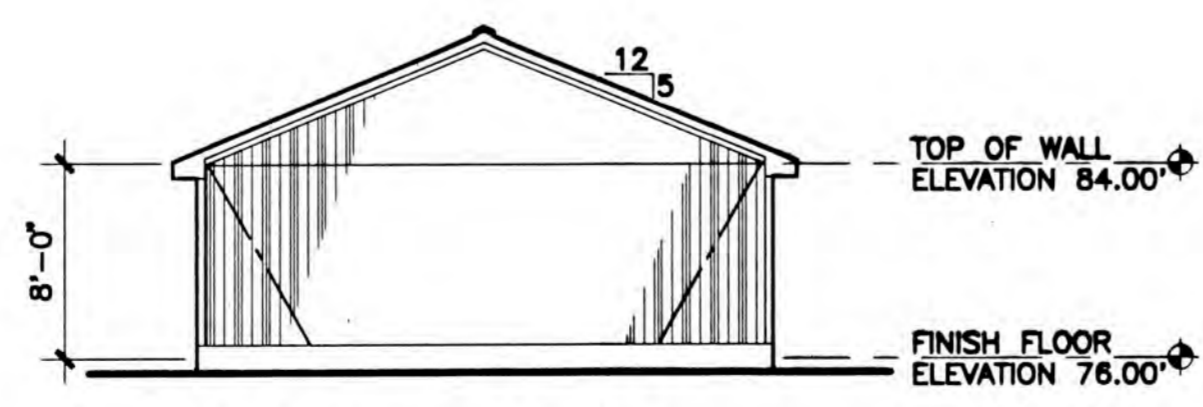
EAST ELEVATION

SCALE: 1/8" = 1'-0"



WEST ELEVATION

SCALE: 1/8" = 1'-0"

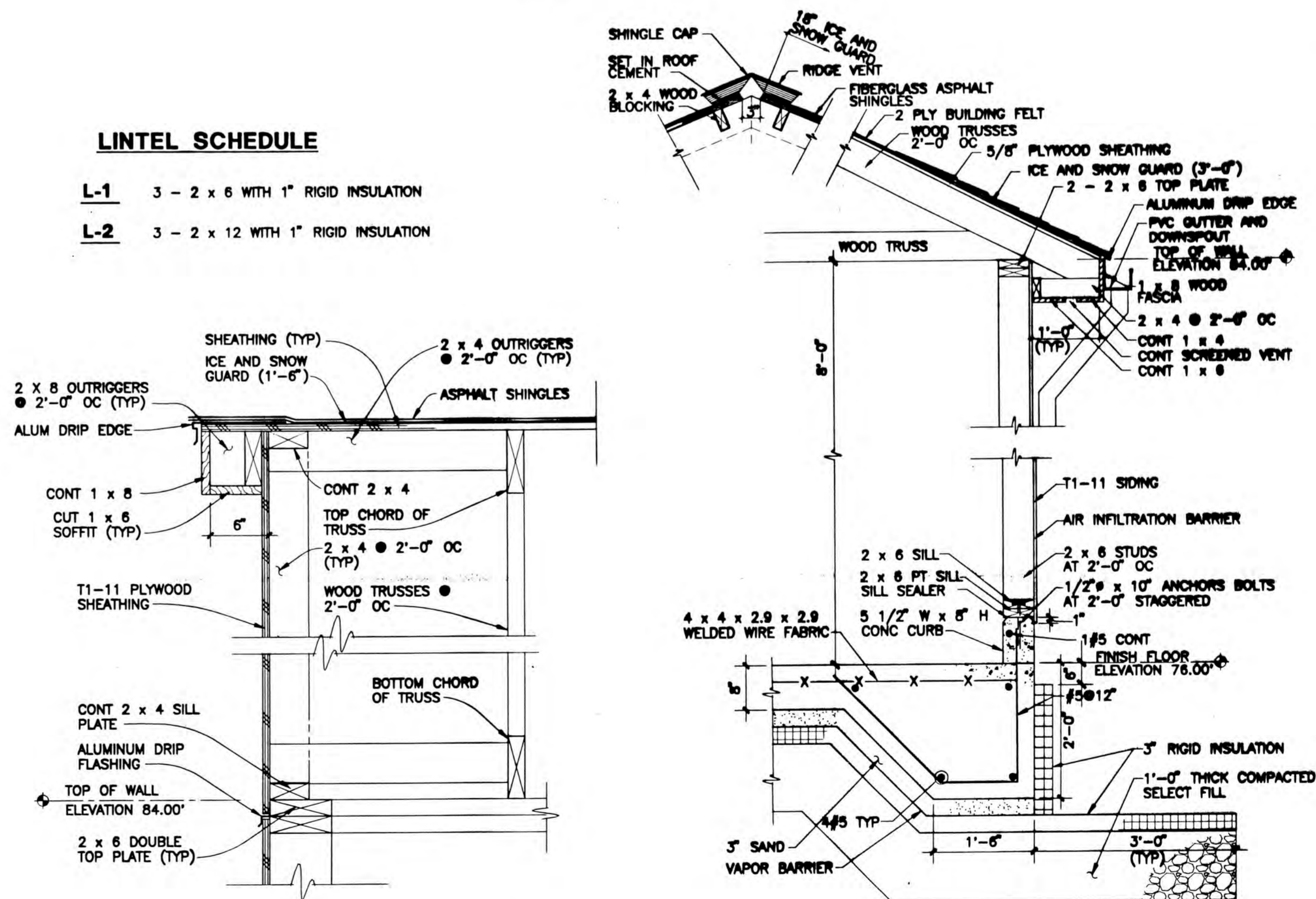


NORTH ELEVATION

SCALE: 1/8" = 1'-0"

LINTEL SCHEDULE

- L-1 3 - 2 x 6 WITH 1" RIGID INSULATION
- L-2 3 - 2 x 12 WITH 1" RIGID INSULATION



WALL SECTION A

SCALE: 1 1/2" = 1'-0"

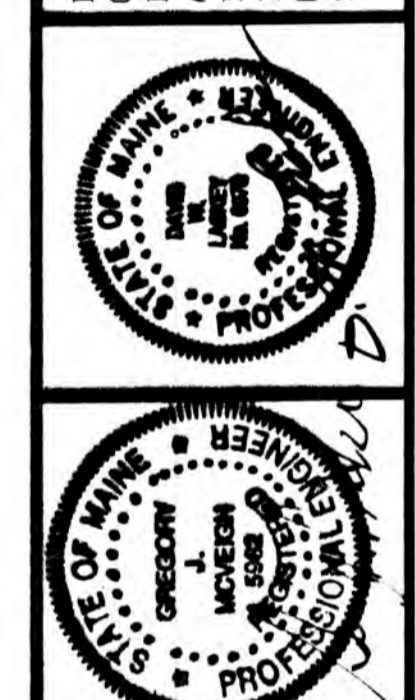
WALL SECTION B

SCALE: 3/4" = 1'-0"

PROJECT PHASES	ISSUED FOR REVIEW: 03-25-96	PT 104
ISSUED FOR BIDDING: 04-05-96		

REVISIONS	
NO.	DESCRIPTION

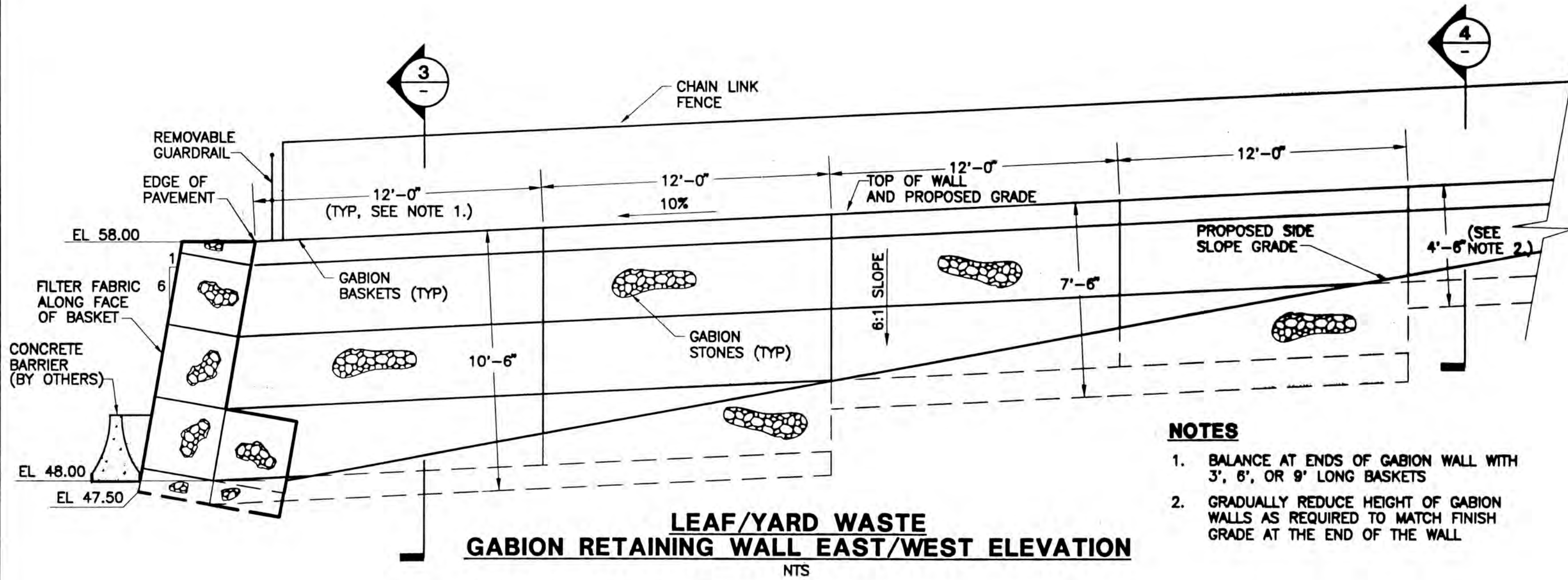
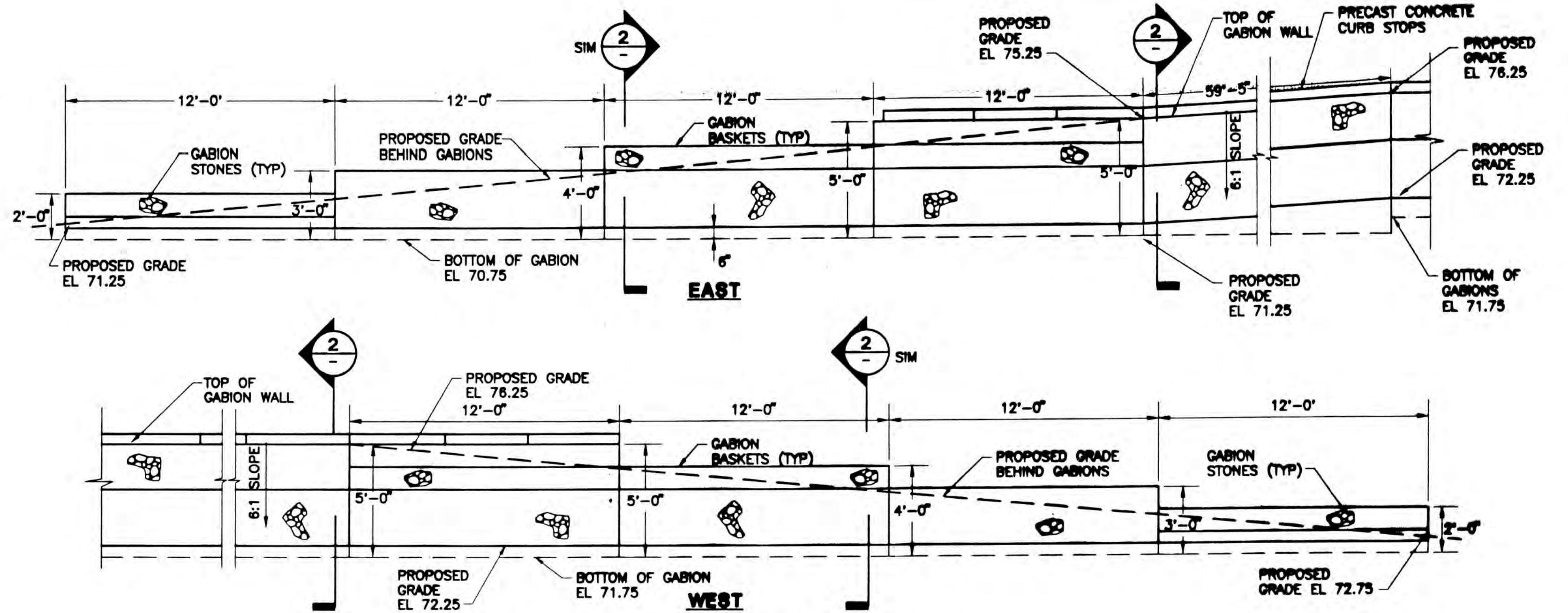
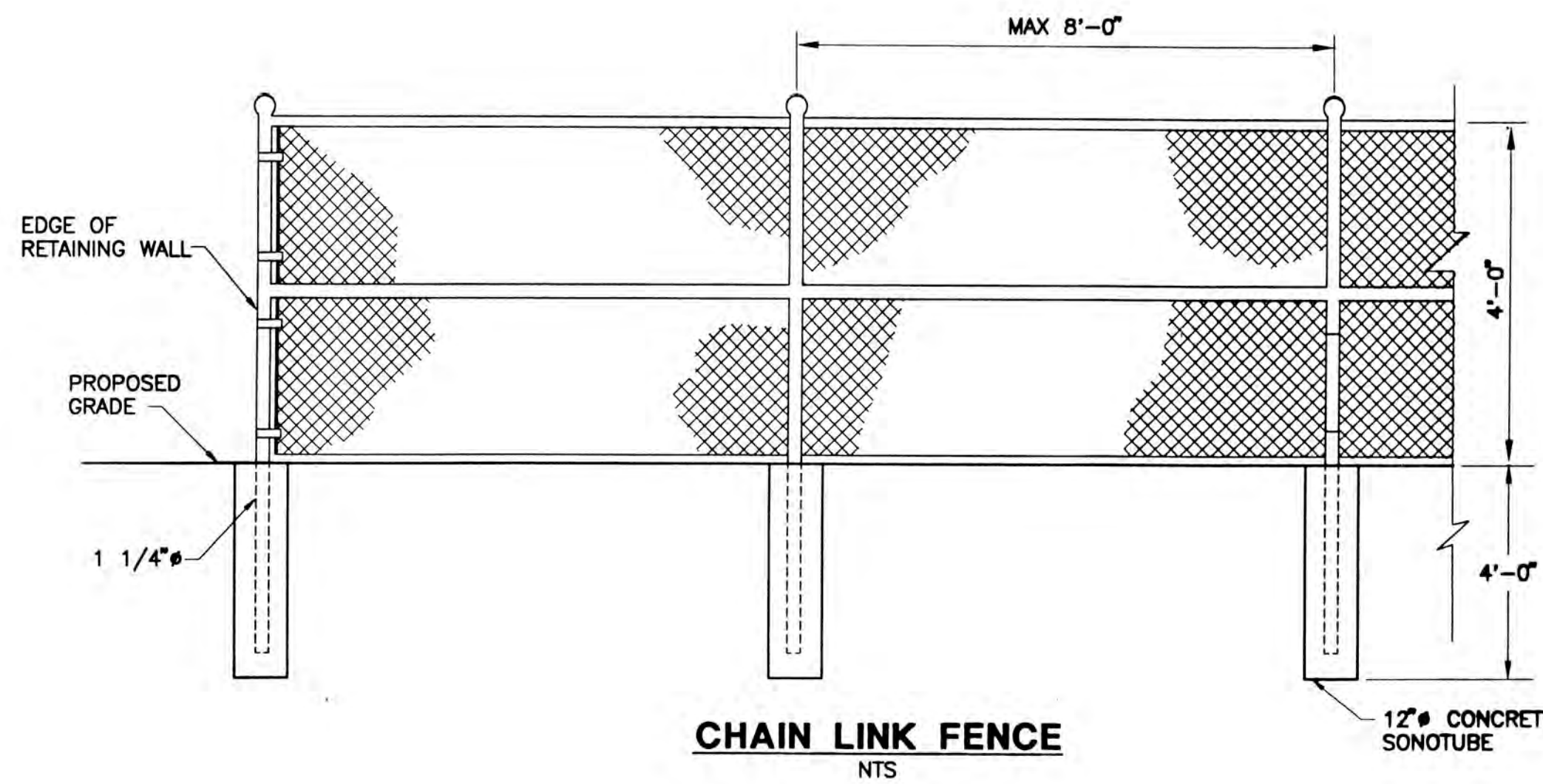
DRAWN BY: DSE/ANW
 CHECKED BY: GJM/VY
 DATE: 08-07-98
 APPROVED BY: GJM/VY
 DATE: 03-25-98
 BOOK NO.
 PROJECT NO: 8564
 SCALE: AS SHOWN



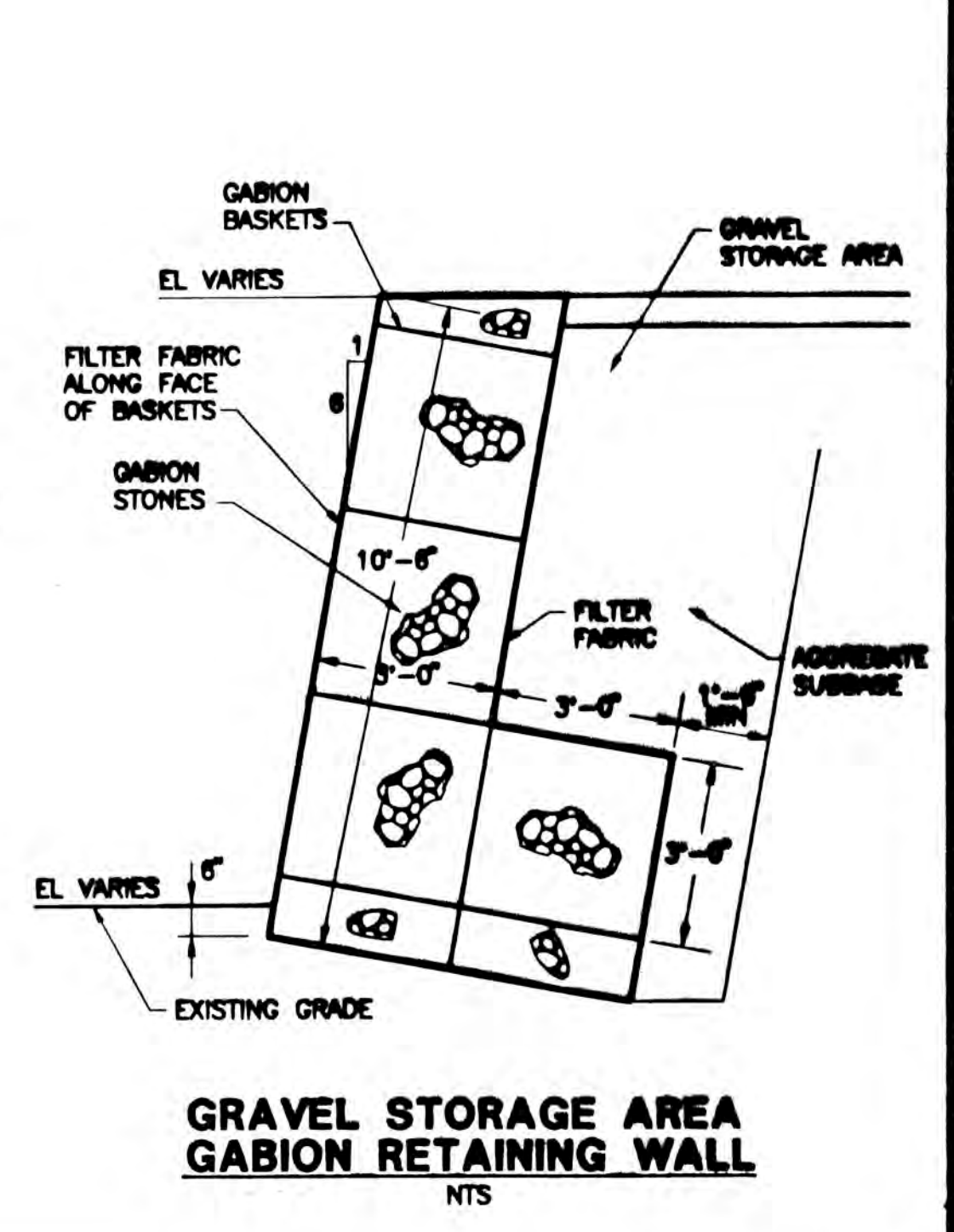
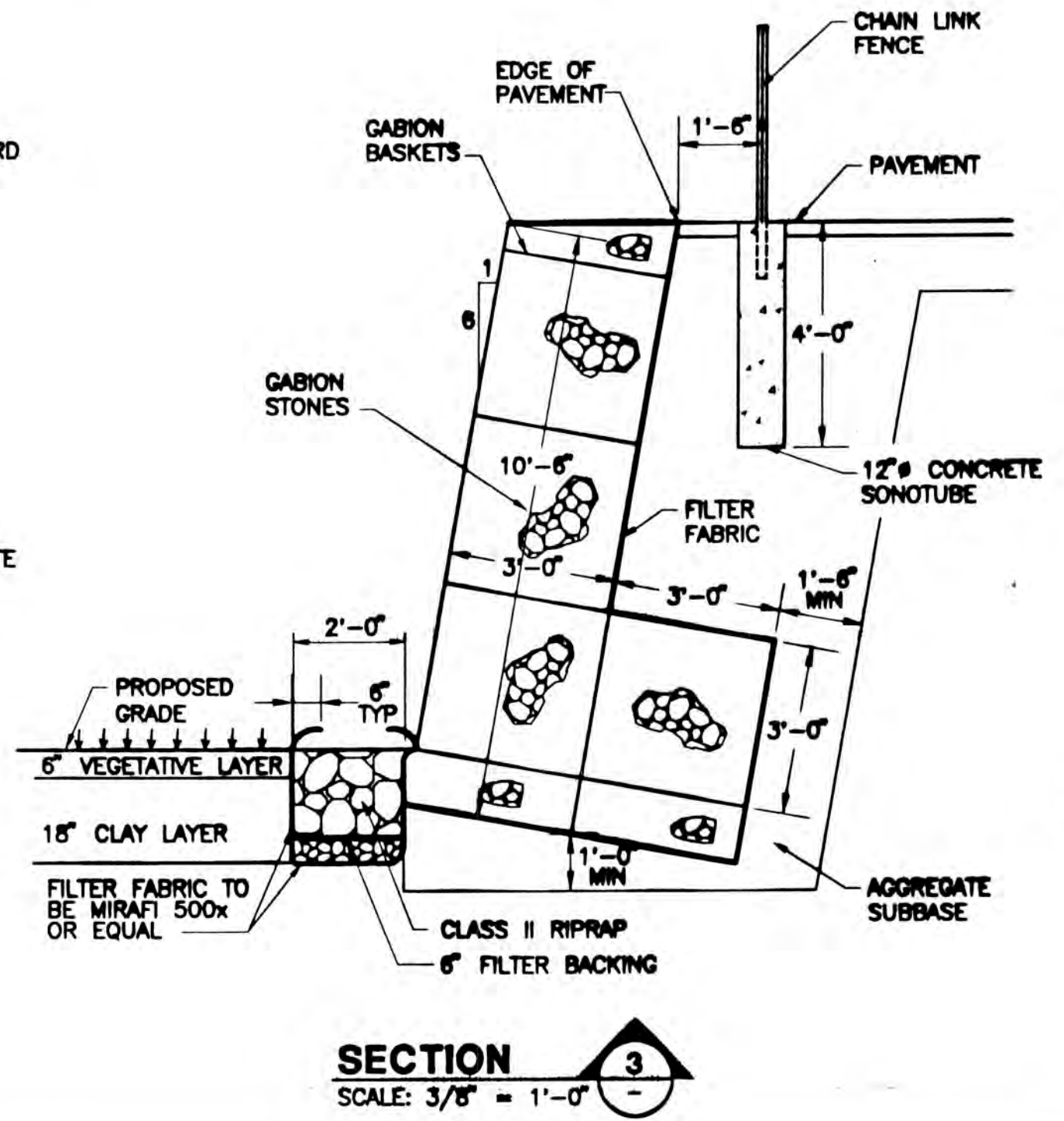
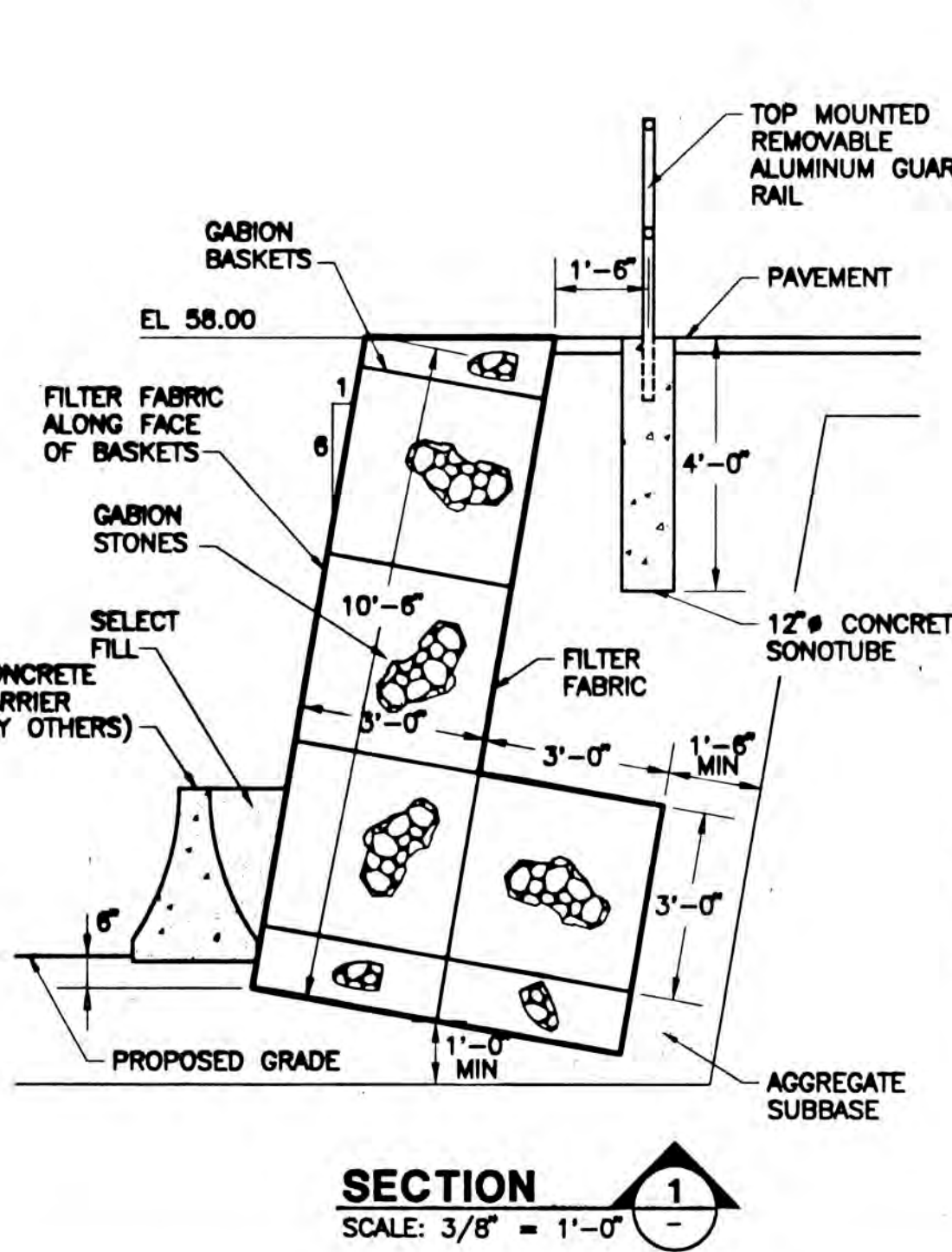
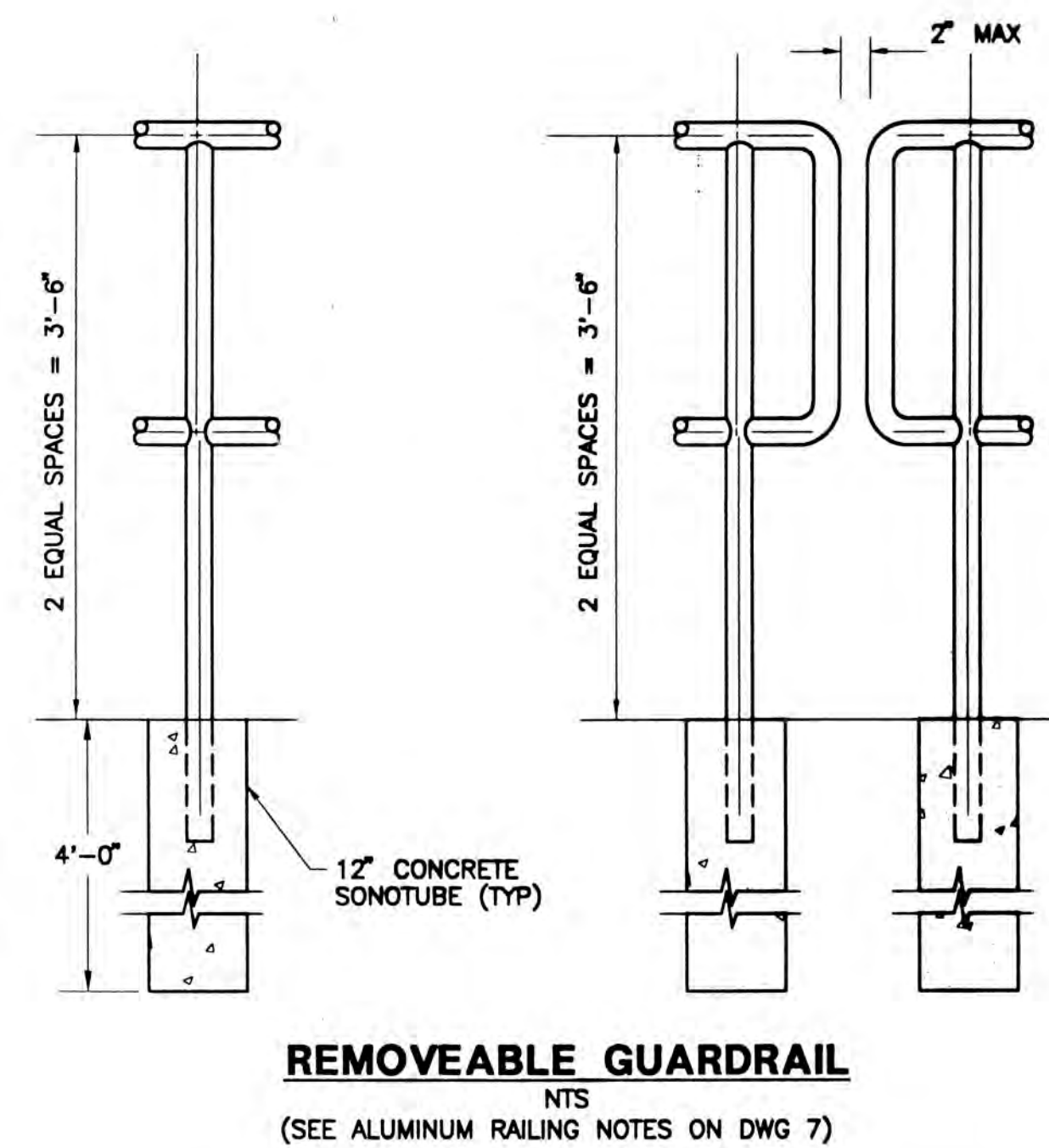
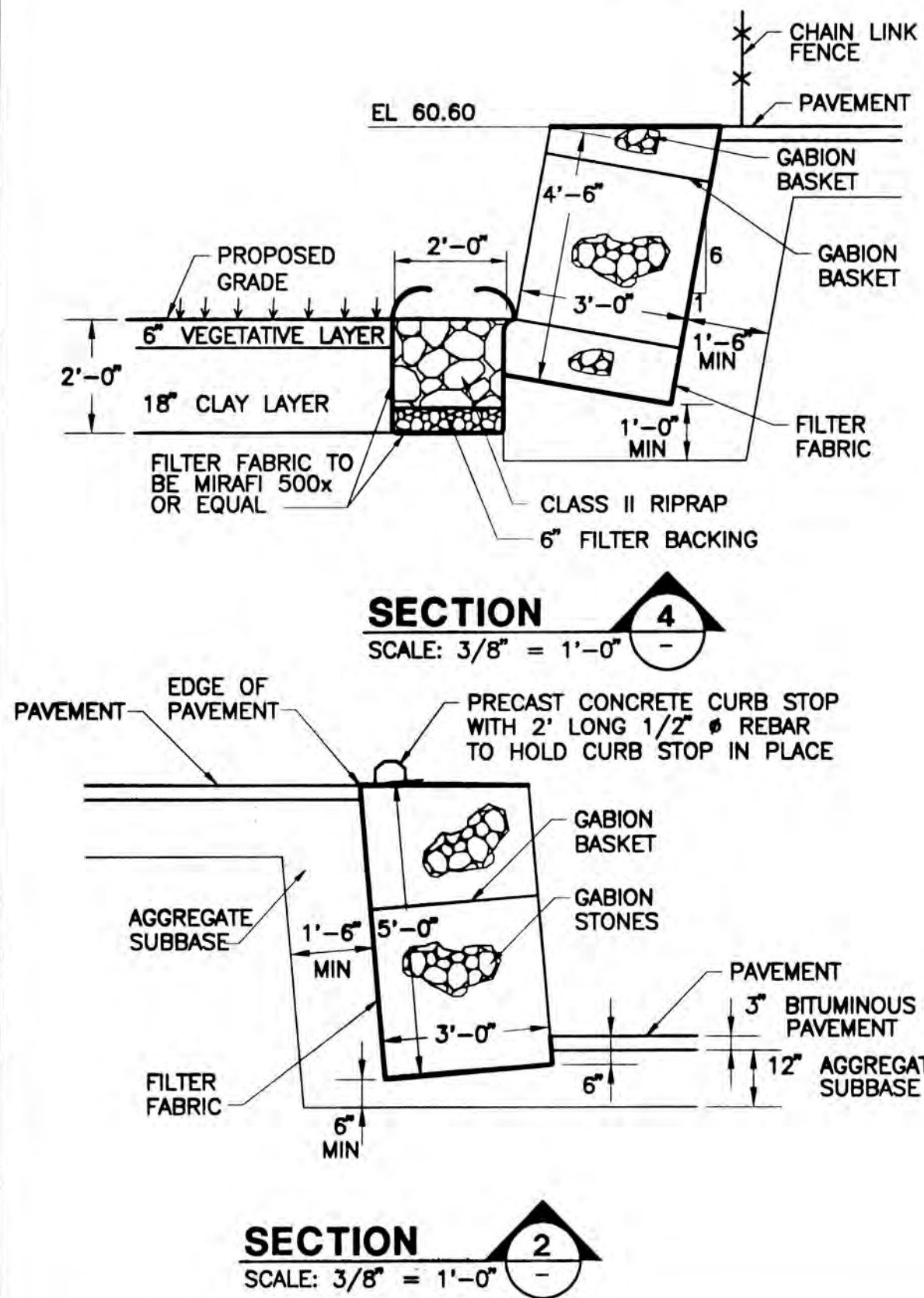
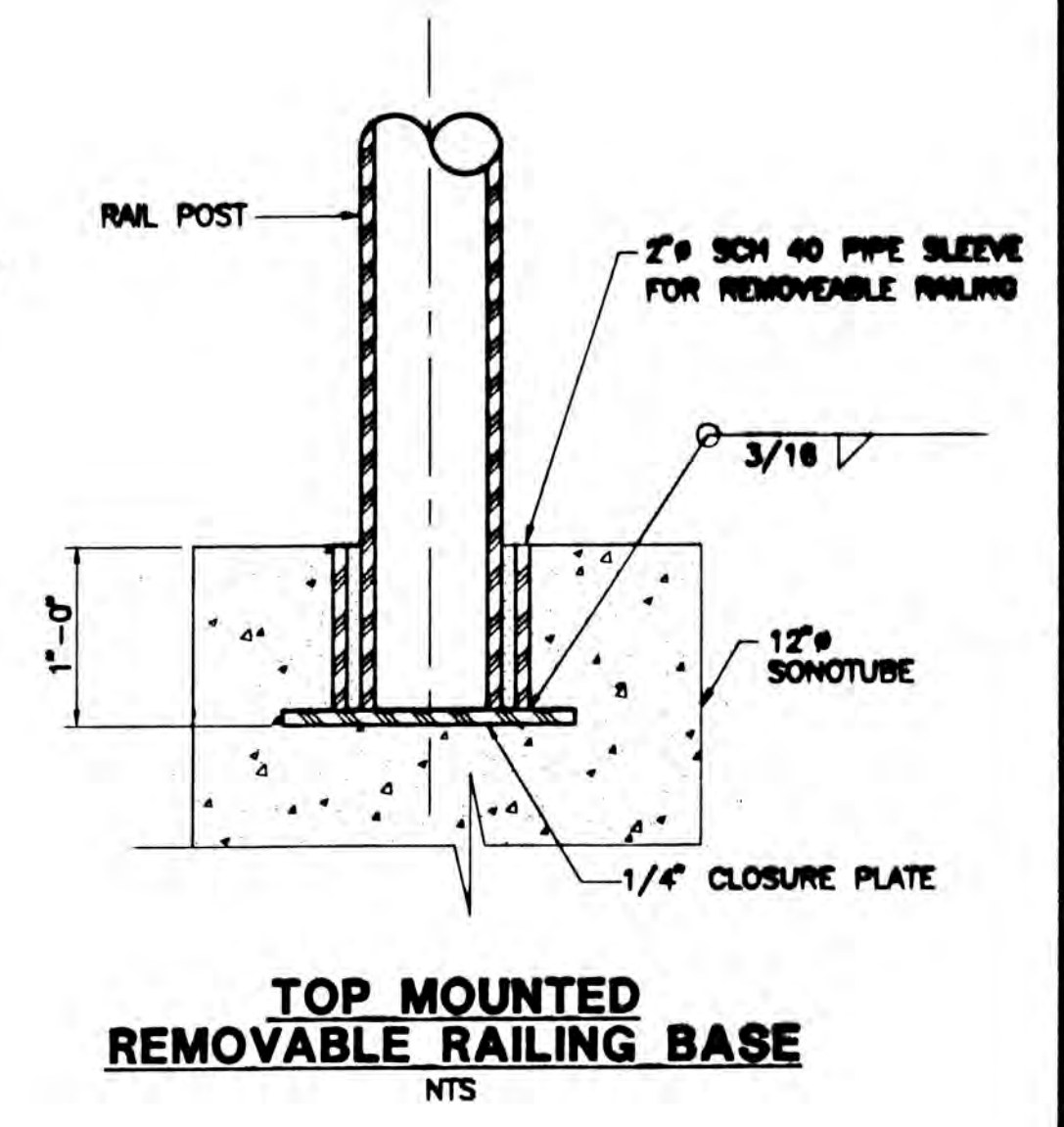
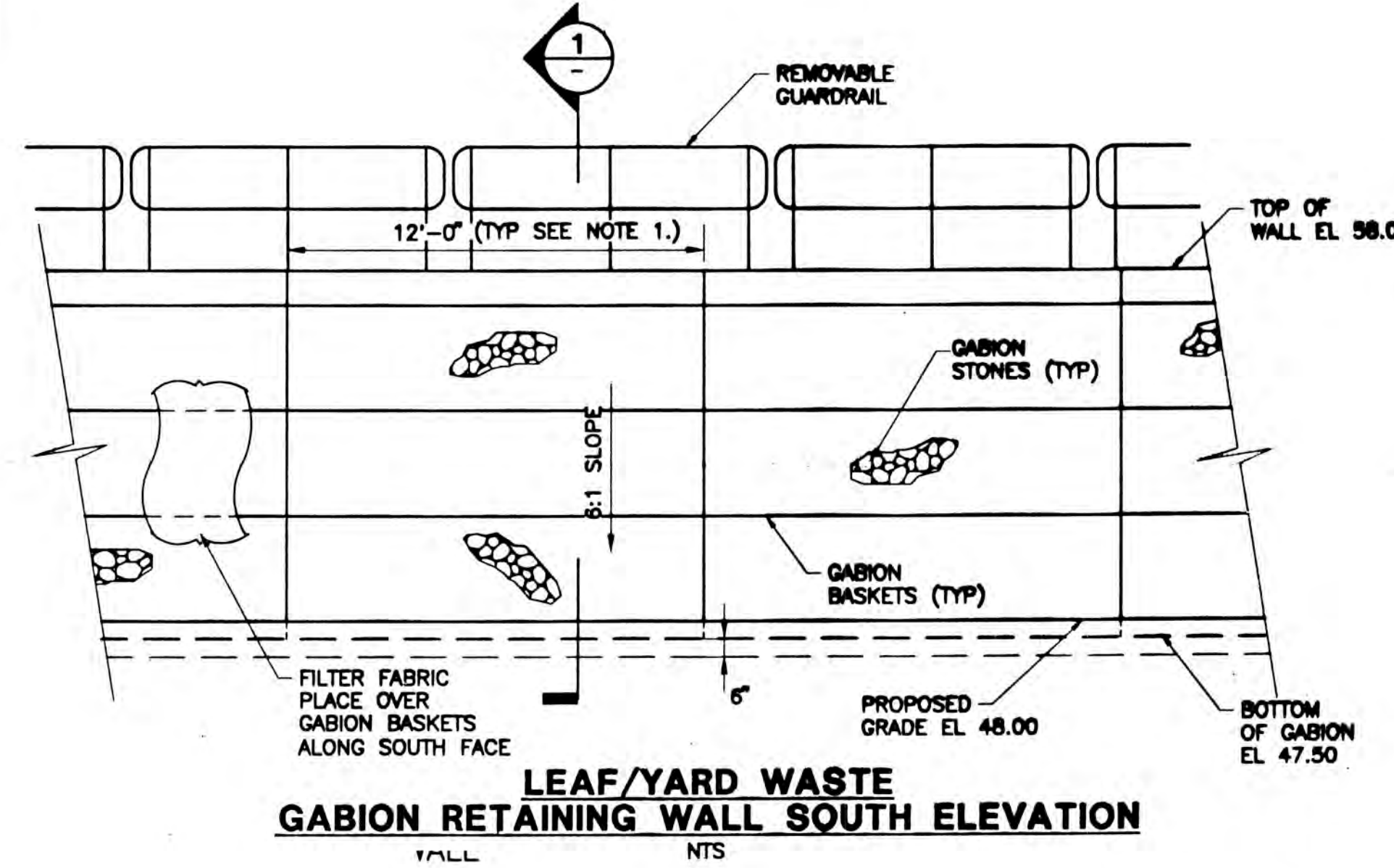
Wright-Pierce
 Engineers & Surveyors
 99 Main Street Topsham, Maine 04086
 TEL 207-725-8721 FAX 207-729-8414

TOWN OF
CAPE ELIZABETH, MAINE
 CDD TRANSFER STATION AND
 LANDFILL CLOSURE
 SWAP SHOP BUILDING
 ARCHITECTURAL PLANS AND ELEVATIONS

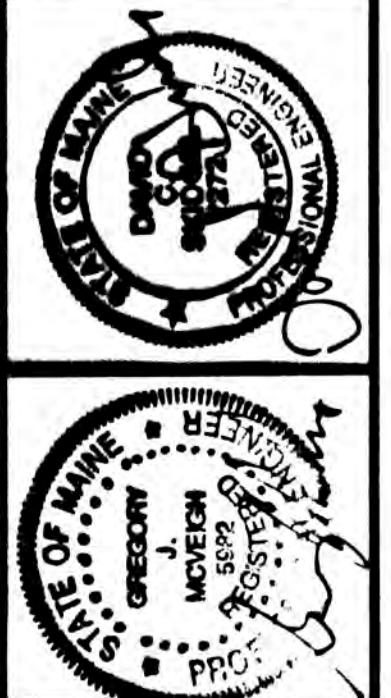
G:\DWG\6564\ARC\6564A06 Mon Apr 15 15:53:28 1998 WRIGHT-PIERCE



- NOTES**
1. BALANCE AT ENDS OF GABION WALL WITH 3', 6', OR 9' LONG BASKETS
 2. GRADUALLY REDUCE HEIGHT OF GABION WALLS AS REQUIRED TO MATCH FINISH GRADE AT THE END OF THE WALL



PROGRESS PRINTS	ISSUED FOR REVIEW: 03-29-96
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CHECKED BY GIMMY	SCALE AS SHOWN
DATE 08-07-95	
APPROVED BY GIMMY	
DATE 03-25-96	
BOOK NO.	
PROJECT NO.	
SCALE AS SHOWN	



Wright-Pierce
Engineers & Surveyors
99 Main Street, Topsham, Maine 04086
TEL 207-725-8721 FAX 207-729-8414

TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE
RETAINING WALLS,
ELEVATIONS AND SECTIONS
DWG. 6 OF 17

BUILDING NOTES

CONCRETE NOTES:

- 1.) REINFORCED CONCRETE SHALL CONFORM TO THE ACI SPECIFICATION 318-89.
- 2.) MINIMUM CONCRETE STRENGTH AT 28 DAYS:
STRUCTURAL CONCRETE
f'c = 4000 PSI
- 3.) REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO ASTM SPECIFICATION A615 GRADE 60 DEFORMED BARS.
- 4.) REINFORCING STEEL FABRICATION SHALL BE IN ACCORDANCE WITH THE CRSI CODE OF STANDARD PRACTICE.
- 5.) REINFORCING STEEL SHALL HAVE THE FOLLOWING CLEAR CONCRETE COVER UNLESS OTHERWISE NOTED:
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. 3-IN.
CONCRETE SURFACES IN CONTACT WITH SOILS,
WATER OR EXPOSED TO WEATHER. 2-IN.
CONCRETE SURFACES NOT IN CONTACT WITH SOIL,
WATER OR EXPOSED TO WEATHER. 1 1/2-IN.
- 6.) SPLICED BARS SHALL HAVE A CLASS B TOP BAR TENSION LAP SPLICE UNLESS OTHERWISE NOTED.
- 7.) CONSTRUCTION JOINTS SHALL NOT BE PLACED AT LOCATIONS OTHER THAN SHOWN ON THE DRAWINGS UNLESS REVIEWED AND NO EXCEPTIONS TAKEN BY THE ENGINEER.
- 8.) ALL EXPOSED CORNERS AND EDGES OF CONCRETE TO HAVE 3/4" MINIMUM CHAMFER UNLESS OTHERWISE NOTED.
- 9.) REINFORCING BARS SHALL EXTEND 12 BAR DIAMETERS BUT NOT LESS THAN 12" BEYOND BEND UNLESS OTHERWISE NOTED.
- 10.) EXPOSED VERTICAL CONCRETE SHALL BE SMOOTH FORM FINISH AND CONCRETE FLOOR SHALL HAVE A STEEL TROWEL FINISH.

METALS:

- 1.) STRUCTURAL STEEL SHALL BE ASTM A36 GALVANIZED.
- 2.) ANCHOR BOLTS SHALL BE ASTM A307.
- 3.) STAINLESS STEEL FASTENERS SHALL CONFORM TO ASTM F593 AND ASTM F594.

FOUNDATION NOTES:

- 1.) FOUNDATION DESIGN, SUBGRADE AND FILL DETAILS ARE BASED ON A MINIMUM NET ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. IF SOILS AT EXCAVATION BOTTOMS DO NOT MEET THESE CAPACITIES AS VERIFIED BY THE ENGINEER, THE UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH MATERIAL AS DIRECTED BY THE ENGINEER.

WOOD FRAMING NOTES:

- 1.) SPECIFICATION: "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - 1986" INCLUDING "DESIGN VALUES FOR WOOD CONSTRUCTION", NATIONAL FOREST PRODUCTS ASSOCIATION.
- 2.) FRAMING FOR WALLS AND ROOF SHALL BE NO. 2 SOUTHERN YELLOW PINE OR NO. 1 EASTERN SPRUCE USED AT 19% MAXIMUM MOISTURE CONTENT OR EQUAL.
- 3.) NAILING SCHEDULE:
BRACING TO TRUSS 2-16d
PLATE TO STUD, DIRECT 2-16d
STUD TO PLATE, TOENAIL 4-8d
PLYWOOD EDGES (ROOF) 8d @ 6" O.C.
PLYWOOD CENTER (ROOF) 8d @ 12" O.C.
PLYWOOD EDGES (WALLS) 8d @ 6" O.C.
PLYWOOD CENTER (WALLS) 8d @ 12" O.C.
ROOF RAFTER TO PLATE, TOE NAIL 3-8d
DOUBLE CAP PLATE, DIRECT 10d @ 16"
CAP PLATE LAPS 2-10d

OTHER NAILING SHALL BE PER THE LATEST VERSION OF BOCA, STATE AND LOCAL CODES.
- 4.) WOOD TO STEEL AND WOOD TO WOOD BOLTED CONNECTORS SHALL BE MADE WITH ASTM A307 BOLTS WITH FLAT WASHERS. USE FLAT WASHERS BETWEEN HEAD OF BOLT AND WOOD. USE FLAT WASHERS BETWEEN NUT AND WOOD. BOLT HOLES IN WOOD SHALL BE 1/32" LARGER THAN THE BOLT. WOOD NAILERS SHALL BE FASTENED WITH 1/2" DIAMETER BOLTS STAGGERED AT 2'0" UNLESS OTHERWISE NOTED.
- 5.) WOOD IN CONTACT WITH CONCRETE SHALL BE 0.4 PCF CCA PRESSURE TREATED.
- 6.) THE LATERAL BRACING SYSTEM INCLUDES WOOD CROSS-BRACING, 18 GA WALL BRACING AND ROOF SHEATHING. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO LATERALLY SUPPORT THE STRUCTURE DURING CONSTRUCTION.
- 7.) PLYWOOD SHEATHING SHALL BE:
ROOF - 5/8" APA RATED SHEATHING 40/20, EXPOSURE 1 (BLOCK ALL PLYWOOD EDGES WITH 2 X 6 BLOCKING OR USE PLY CLIPS).
- 8.) WALLS - APA 303 RATED T1-11 SIDING, EXTERIOR (DOUBLE BLOCK ALL PLYWOOD EDGES WITH 2 X 6 BLOCKING)
- 9.) WOOD LINTELS IN LOAD BEARING WALLS SHALL HAVE 2 JACK STUDS ON EACH SIDE OF THE OPENING.

WOOD TRUSS NOTES:

- 1.) DESIGN, DETAIL AND FABRICATE WOOD TRUSSES IN ACCORDANCE WITH: "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - 1986" INCLUDING "DESIGN VALUES FOR WOOD CONSTRUCTION", NATIONAL FOREST PRODUCTS ASSOCIATION; TRUSS PLATE INSTITUTE "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES" TPI-86 (TRUSS CONNECTION PLATES SHALL BE 20% GREATER IN SIZE AND AREA THAN REQUIRED BY TPI SPECIFICATIONS).

WOOD TRUSS NOTES CONT':

- 2.) STRUCTURAL LUMBER: WOOD USED IN THE MANUFACTURE OF WOOD TRUSSES SHALL BE NO. 2 KILN DRY SOUTHERN YELLOW PINE, NO. 2 KILN DRY EASTERN SPRUCE OR EQUAL USED AT 19% MAXIMUM MOISTURE CONTENT.
- 3.) TOP AND BOTTOM CHORDS SHALL BE 2 X 6 MINIMUM SIZE. INTERIOR WEBS SHALL BE 2 X 4 MINIMUM SIZE. TRUSS MEMBER SIZES SHALL BE INCREASED ABOVE THE MINIMUMS AS NECESSARY TO SUPPORT DESIGN LOADS. OUTSIDE DIMENSIONS OF TRUSSES SHALL BE AS INDICATED ON THE DRAWINGS. INTERIOR CONFIGURATIONS MAY VARY TO SUIT THE DESIGN.
- 4.) A.) CAMBER TRUSSES TO COMPENSATE FOR DEAD LOAD DEFLECTIONS.
B.) LOADS:
TRUSSES:
DEAD LOAD BOTTOM CHORD = 10 PSF
DEAD LOAD TOP CHORD = 10 PSF
LIVE LOAD BOTTOM CHORD = 10 PSF
LIVE LOAD TOP CHORD (SNOW) = 42 PSF
WIND P_e = 17 PSF, EXPOSURE C IN ACCORDANCE WITH THE 1996 EDITION OF THE BOCA NATIONAL BUILDING CODE.
LOAD CASES:
- FULL LIVE AND FULL DEAD LOAD
- FULL LIVE AND FULL DEAD LOAD ON 1/2 OF TRUSS SPAN CONCURRENT WITH 1/2 OF FULL LIVE LOAD WITH FULL DEAD LOAD ON ADJACENT 1/2 OF TRUSS SPAN
- OTHER CASES AS SPECIFIED BY TPI AND NDS.
- 5.) DIMENSION LUMBER SHALL BE ATTACHED TO TRUSSES WITH 16D COMMON NAILS SPACED AT 2 1/2' MINIMUM SPACING UNLESS OTHERWISE RESTRICTED BY THE TRUSS DESIGNER.
- 6.) TOP CHORDS OF TRUSSES WILL BE LATERALLY SUPPORTED FULL LENGTH WITH PLYWOOD SHEATHING. ALL TRUSSES WILL BE LATERALLY SUPPORTED AT BEARING POINTS.
- 7.) ATTACH ROOF TRUSSES TO TOP PLATE WITH SIMPSON STRONGTIE HURRICANE ANCHORS, H3, EACH SIDE, OR EQUAL.
- 8.) SIZE AND LOCATIONS OF ROOF OPENINGS SHALL BE ADJUSTED TO BE COMPATIBLE WITH ITEMS SUPPLIED. SIZES AND LOCATIONS ARE SHOWN FOR MANUFACTURER'S INFORMATION. GENERAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES.

THERMAL & MOISTURE PROTECTION:

- 1.) UNDERSLAB VAPOR BARRIER SHALL BE 8 MIL POLYETHYLENE FILM AS MANUFACTURED BY MONSANTO PLASTICS AND RESINS CO., OR EQUAL.
- 2.) UNDERSLAB INSULATION SHALL BE POLYSTYRENE FOAM BOARD, R-5 PER INCH THICKNESS AS MANUFACTURED BY DOW CHEMICAL OR EQUAL.
- 3.) ROOF SHINGLES SHALL BE FIBERGLASS ASPHALT BASE WITH U.L. CLASS "A" FIRE RESISTANCE, WEIGHING 300 POUNDS PER SQUARE, WARRANTED FOR 30 YEARS, AS MANUFACTURED BY BIRD ROOFING OR EQUAL. INSTALL SHINGLES WITH 6 NAILS PER SHINGLE.
- 4.) ICE AND SNOW GUARD SHALL BE A 40 MIL RUBBERIZED ASPHALT AND POLYETHYLENE MEMBRANE AS MANUFACTURED BY BIRD ROOFING OR EQUAL.
- 5.) ROOF UNDERLAYMENT (BUILDING FELT) SHALL BE 15 POUND PERFORATED FELT ROOFING PAPER AS MANUFACTURED BY BIRD MANUFACTURING OR EQUAL.
- 6.) RIDGE VENT SHALL BE SHINGLE TOPPED WITH 18 SQUARE INCHES NET FREE AREA PER LINEAL FOOT AS MANUFACTURED BY COR-A-VENT OR EQUAL.
- 7.) DRIP EDGE SHALL BE 0.019 INCH ALUMINUM AS MANUFACTURED BY LAMB AND RITCHIE OR EQUAL.
- 8.) DRIP FLASHING SHALL BE FORMED ALUMINUM.
- 9.) GUTTERS AND DOWNSPOUTS - GUTTERS AND DOWNSPOUTS SHALL BE HEAVY WALL PVC (COLOR BY OWNER).
- 10.) SEALANTS SHALL BE SINGLE COMPONENT POLYURETHANE-BASED, NON SAG ELASTOMERIC SEALANT AS MANUFACTURED BY SIKA CORPORATION.

DOORS:

- 1.) SECTIONAL OVERHEAD DOORS SHALL BE 3 INCH INSULATED MANUALLY OPERATED STEEL, TYPE S-26 (26GA) WITH 2-INCH GALVANIZED TRACK, GALVANIZED HARDWARE, SPRING COUNTER BALANCE, WEATHERSTRIPPING AND GLAZING AS MANUFACTURED BY RAYNOR MANUFACTURING COMPANY.
- 2.) PERSONNEL DOOR SHALL BE AN INSULATED STEEL PANEL DOOR WITH 5/8" INSULATED GLASS WOOD JAMBES AND MOLDINGS. DOOR SHALL BE FULLY WEATHERSTRIPPED. DOOR SHALL HAVE BRASS HINGES (1 1/2" PAIR), BRASS LOCKSET AND STANDARD ALUMINUM SILL, AS MANUFACTURED BY BROSCO.

FINISHES:

- 1.) WOOD FASCIA, RAKE, SOFFITS AND TRIM SHALL HAVE 2 COATS EXTERIOR ALKYD SOLID COLOR STAIN AS MANUFACTURED BY SHERWIN WILLIAMS.
- 2.) WOOD SIDING SHALL HAVE 2 COATS EXTERIOR SEMI-TRANSPARENT WOOD PRESERVATIVE STAIN AS MANUFACTURED BY SHERWIN WILLIAMS.
- 3.) PERSONNEL DOOR AND SECTIONAL OVERHEAD DOORS SHALL HAVE 1 COAT KEM KROMIK UNIVERSAL METAL PRIMER AND 2 COATS HI-BUILD ALIPHATIC POLYURETHANE AS MANUFACTURED BY SHERWIN WILLIAMS.

ELECTRICAL NOTES:

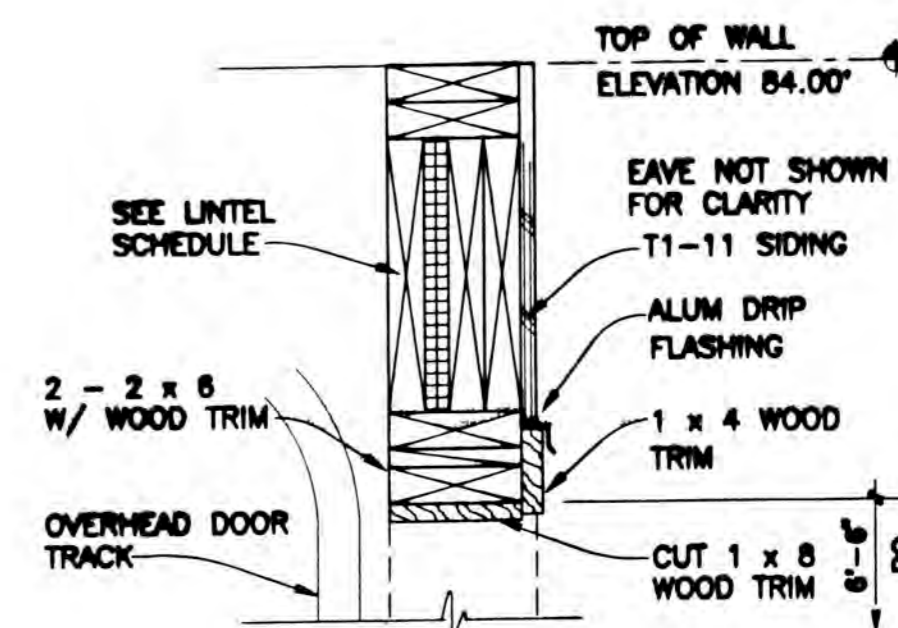
- 1.) ALL CONDUIT AND EQUIPMENT SHALL BE INSTALLED AND GROUNDED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE CURRENT NATIONAL ELECTRICAL CODE.
- 2.) CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY AND SHALL BE INSTALLED IN A MANNER TO PREVENT CONFLICTS WITH EQUIPMENT AND STRUCTURES.
- 3.) CONDUIT SMALLER THAN 3/4" OR WIRE SMALLER THAN No. 12 AWG SHALL NOT BE USED UNLESS OTHERWISE NOTED.
- 4.) ALL PANELBOARDS SHALL BE MOUNTED SO THAT THE DISTANCE FROM THE TOP CIRCUIT BREAKER OPERATING HANDLE TO FINISHED FLOOR SHALL NOT EXCEED 6'-6".

GENERAL NOTES:

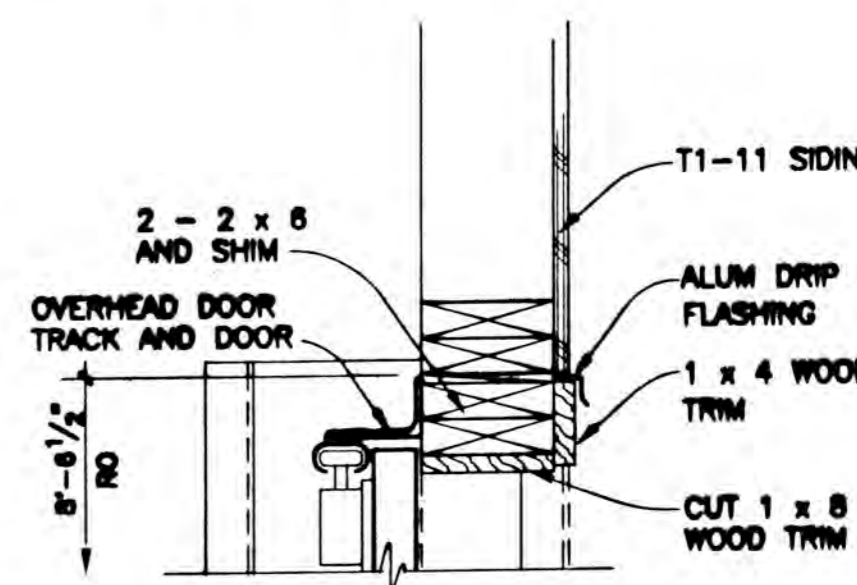
- 1.) ALL ELECTRICAL CONDUIT LOCATED UNDER THE PROPOSED NEW SLAB SHALL BE ENCASED IN CONCRETE.
- 2.) COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

GABION NOTES:

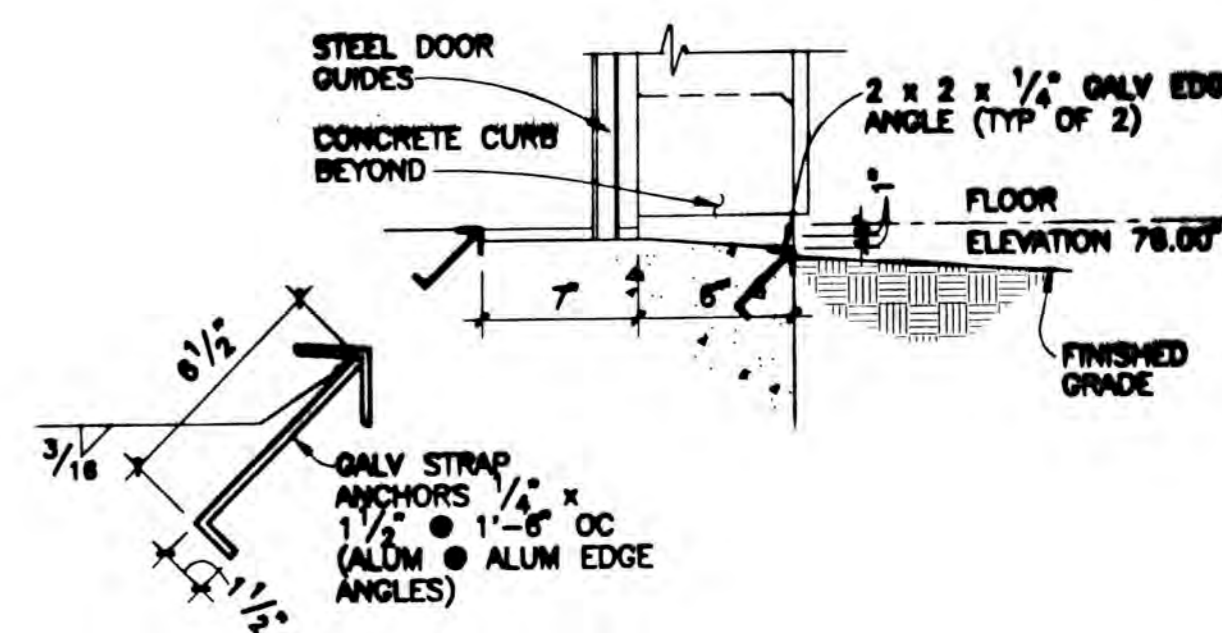
- A. ALL MATERIALS AND INSTALLATION PROCEDURES FOR THE GABIONS SHALL CONFORM TO THE APPLICABLE DIVISIONS IN THE LATEST STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS - HIGHWAYS AND BRIDGES.
- B. MATERIALS:
 - 1.) GABIONS SHALL CONSIST OF LACED HEXAGONAL MESH WIRE BASKETS FILLED WITH STONES AND PLACED AS SHOWN ON THE DRAWINGS. THE HORIZONTAL WIDTH OF EACH GABION SHALL NOT BE LESS THAN 3 FEET, AND THE DEPTH SHALL BE EITHER 1, 1 1/2, OR 3 FEET. HORIZONTAL LENGTH SHALL BE EITHER 6, 9, OR 12 FEET.
 - 2.) ALL STEEL MESH WIRE AND GALVANIZING SHALL MEET THE REQUIREMENTS OF ASTM A641 AND ASTM A90, SHALL HAVE A CLASS 3 COATING AND SHALL BE SOFT TEMPER.
 - 3.) THE DIAMETER OF THE STEEL WIRE MESH SHALL BE A MINIMUM OF 0.1181 INCHES AFTER GALVANIZING. THE MESH OPENINGS SHALL BE HEXAGONAL IN SHAPE, MEASURING APPROXIMATELY 3 INCHES BY 4 INCHES AND SHALL BE UNIFORM IN SIZE.
 - 4.) THE DIAMETER OF THE WIRE USED TO SALVAGE THE PERIMETER EDGES OF THE MESH FORMING THE GABIONS SHALL BE A MINIMUM OF 0.1535 INCHES AFTER GALVANIZING.
 - 5.) THE DIAMETER OF THE WIRE USED FOR ASSEMBLING AND LACING THE GABION UNITS SHALL BE A MINIMUM OF 0.0866 INCHES AFTER GALVANIZING.
 - 6.) STONES USED TO FILL THE GABIONS SHALL BE CLEAN, HARD AND DURABLE ROCK OR CRUSHED LEDGE WITH A MINIMUM DIMENSION OF 4 INCHES IN ALL DIRECTIONS AND A MAXIMUM OF 12 INCHES.
- C. INSTALLATION:
 - 1.) GABIONS SHALL BE SUPPLIED FOLDED FLAT AND LACED TOGETHER ON-SITE.
 - 2.) THE PERIMETER EDGES OF THE MESH FORMING THE GABIONS SHALL BE SECURELY SALVAGED SO THAT JOINTS HAVE AT LEAST THE SAME STRENGTH AS THE WIRE MESH ITSELF.
 - 3.) THE GABION UNITS SHALL BE ASSEMBLED INDIVIDUALLY BY ERECTING THE FRONT SIDE, BACK SIDE, ENDS AND DIAPHRAGMS, ASSURING THAT ALL CREASES ARE IN THE CORRECT POSITION AND THE TOPS OF ALL SIDES LEVEL. THE FOUR CORNERS OF EACH UNIT SHALL BE LACED FIRST, FOLLOWED BY THE EDGES OF INTERNAL DIAPHRAGMS TO THE SIDES.
 - 4.) AFTER THE GABION UNITS HAVE BEEN ASSEMBLED, THEY SHALL BE PLACED IN THEIR PROPER LOCATION, LACED TOGETHER AND STRETCHED TO PROPER ALIGNMENT.
 - 5.) PRIOR TO PLACEMENT OF STONES, A FORM SHALL BE PLACED ALONG THE FRONT FACE AND ANY SIDE FACE NOT ADJACENT TO AN ALREADY PLACED GABION AND PROPERLY BRACED TO SUPPORT GABIONS DURING FILLING OF STONE.
 - 6.) GABIONS SHALL BE FILLED WITH STONES IN LAYERS NO GREATER THAN 12 INCHES AT A TIME TO PREVENT LOCAL DEFLECTION. AT NO TIME SHALL ANY CELL BE FILLED TO A DEPTH EXCEEDING 12 INCHES MORE THAN THE ADJOINING CELL.
 - 7.) TWO CONNECTING WIRES SHALL BE PLACED BETWEEN EACH LAYER IN ALL CELLS ALONG ALL EXPOSED FACES OF THE GABION STRUCTURE.
 - 8.) THE LAST LAYER OF STONE IN EACH GABION BASKET SHALL BE LEVELED WITH THE TOP OF THE GABION TO ALLOW PROPER CLOSING OF THE LID AND PROVIDE AN EVEN SURFACE FOR THE NEXT COURSE.
 - 9.) THE LIDS SHALL BE STRETCHED TIGHTLY OVER THE FILLING UNTIL THE LID MEETS THE PERIMETER EDGES OF THE FRONT AND END PANEL. THE LID SHALL THEN BE TIGHTLY LACED ALONG ALL EDGES, ENDS AND DIAPHRAGMS.



OVERHEAD DOOR HEAD DETAIL 1
SCALE: 1 1/2" = 1'-0"



OVERHEAD DOOR JAMB DETAIL 2
SCALE: 1 1/2" = 1'-0"



DETAIL 3
SCALE: 1 1/2" = 1'-0"

REMOVEABLE ALUMINUM GUARDRAILING NOTES

- 1.) ALL RAILS SHALL BE 1.5 INCH SCHEDULE 40, ALUMINUM ALLOY 6061-T6 AND ALL POSTS SHALL BE 1.5 INCH SCHEDULE 80, ALUMINUM ALLOY 6061-T6.
- 2.) ALL RAILING SHALL BE WELDED. MITER AND CODE INTERSECTIONS OF POSTS AND RAILS AND WELD ALL AROUND.
- 3.) ALL RAILING SHALL BE REMOVABLE IN 9'-4" SECTIONS.
- 4.) ALL RAILING SHALL BE CLEAR ANODIZED (AA M1C22A41) IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION AFTER FABRICATION AND WELDING.
- 5.) ALL REMOVABLE RAILING PIPE SLEEVES TO BE EMBEDDED IN CONCRETE SHALL RECEIVE ONE COAT, 4 MILS MINIMUM, OF NO. 66-1211 HI-BUILD EPOXOLINE, BY TNEC CO., INC.
- 6.) MAXIMUM POST SPACING = 4'-8"
- 7.) ALL FASTENERS WILL BE STAINLESS STEEL TYPE 316.

PROGRESS PRINTS
ISSUED FOR REVIEW: 03-28-08
ISSUED FOR BIDDING: 04-08-08
SCALE: AS NOTED

REVISIONS

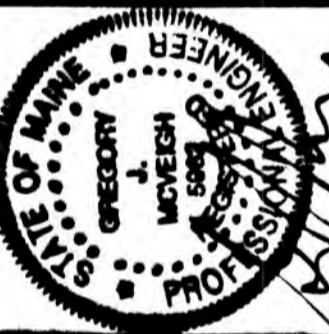
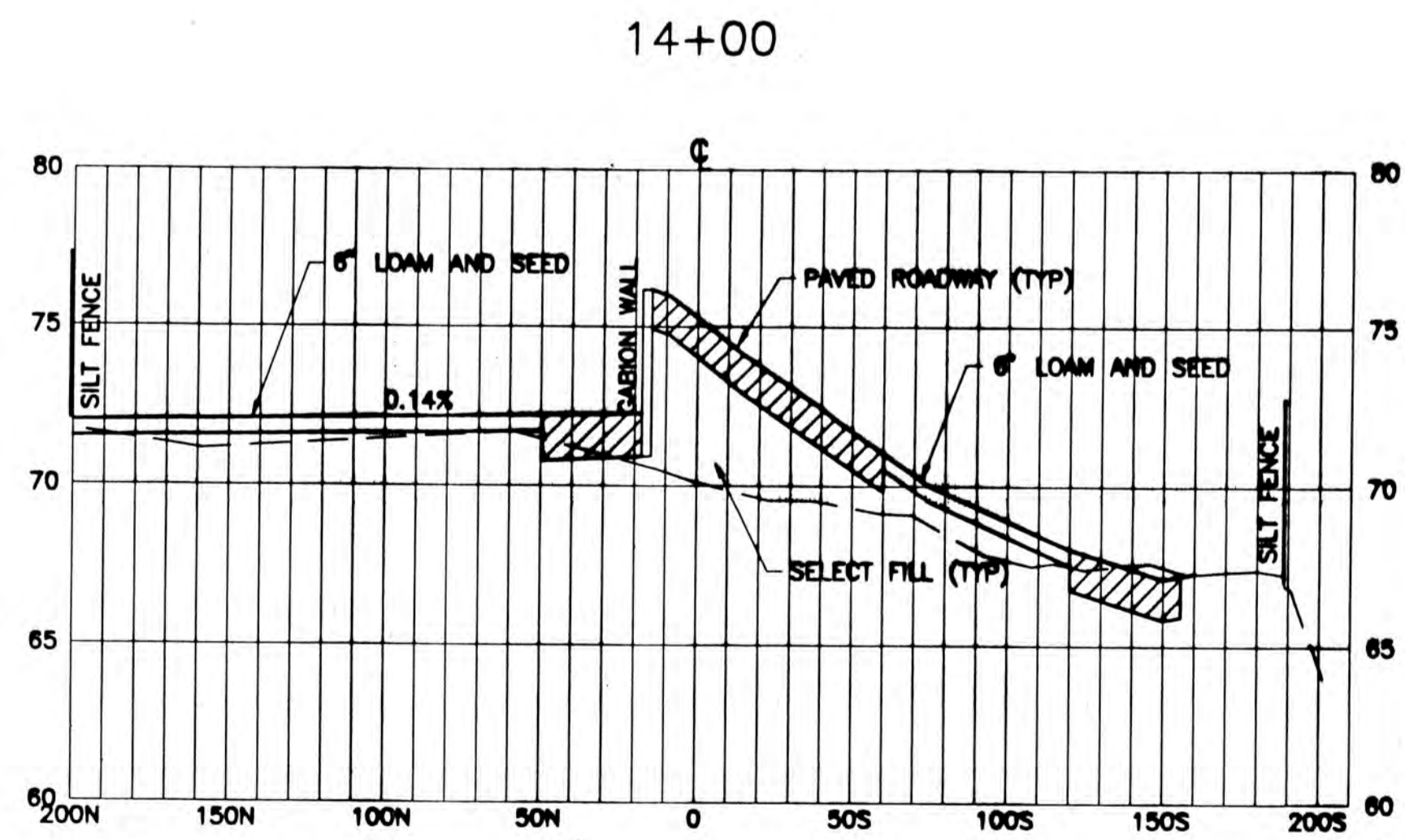
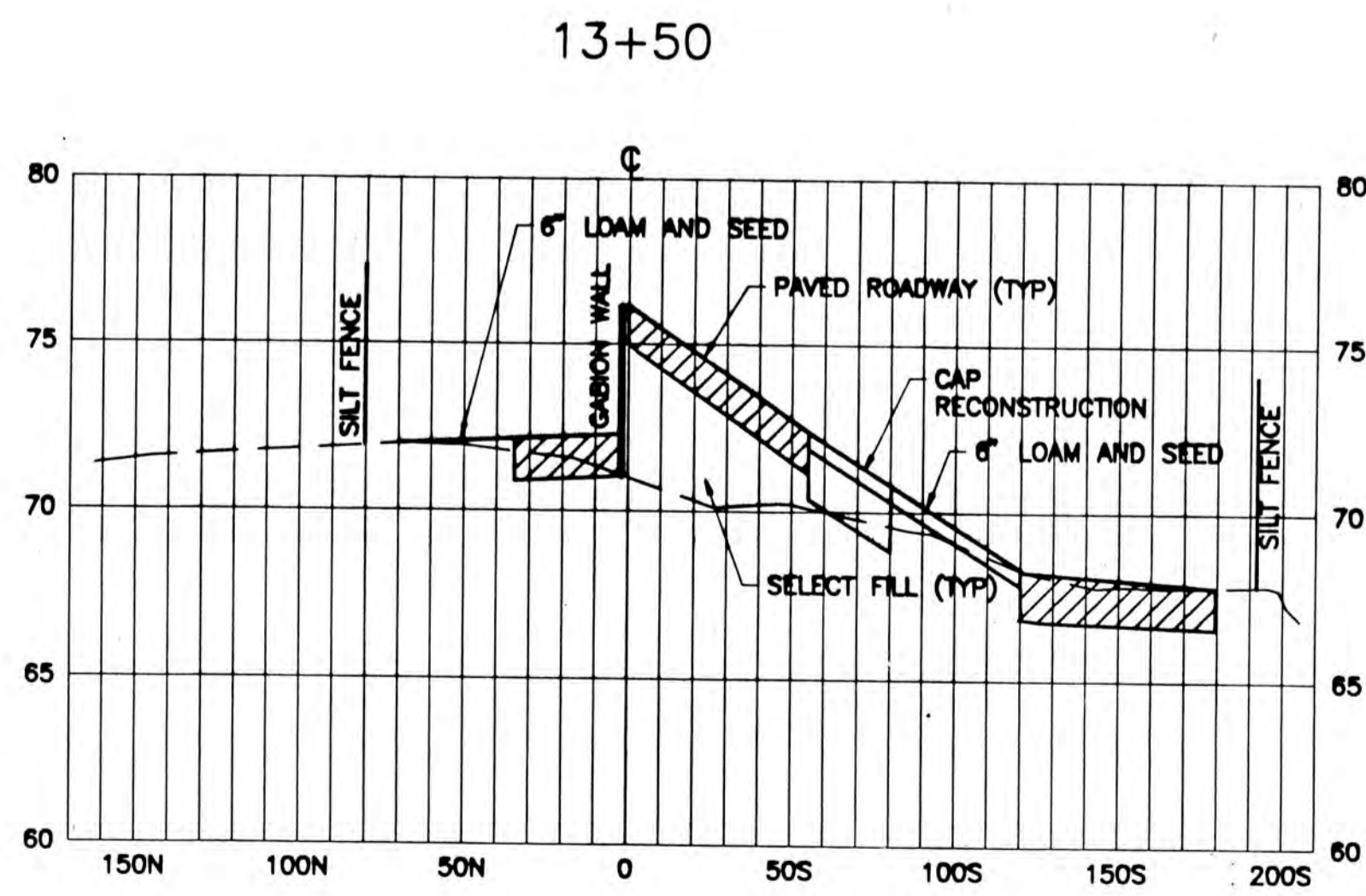
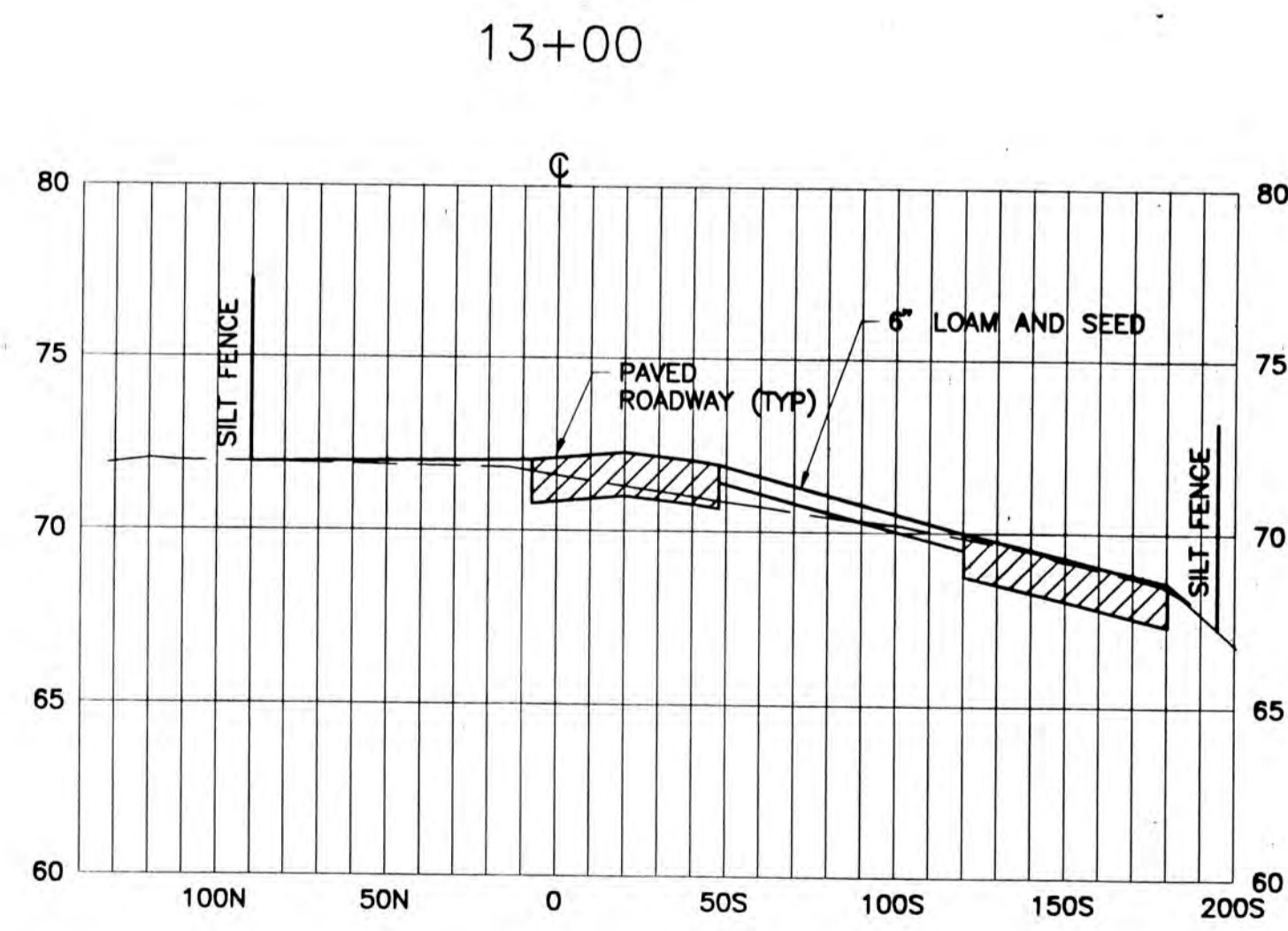
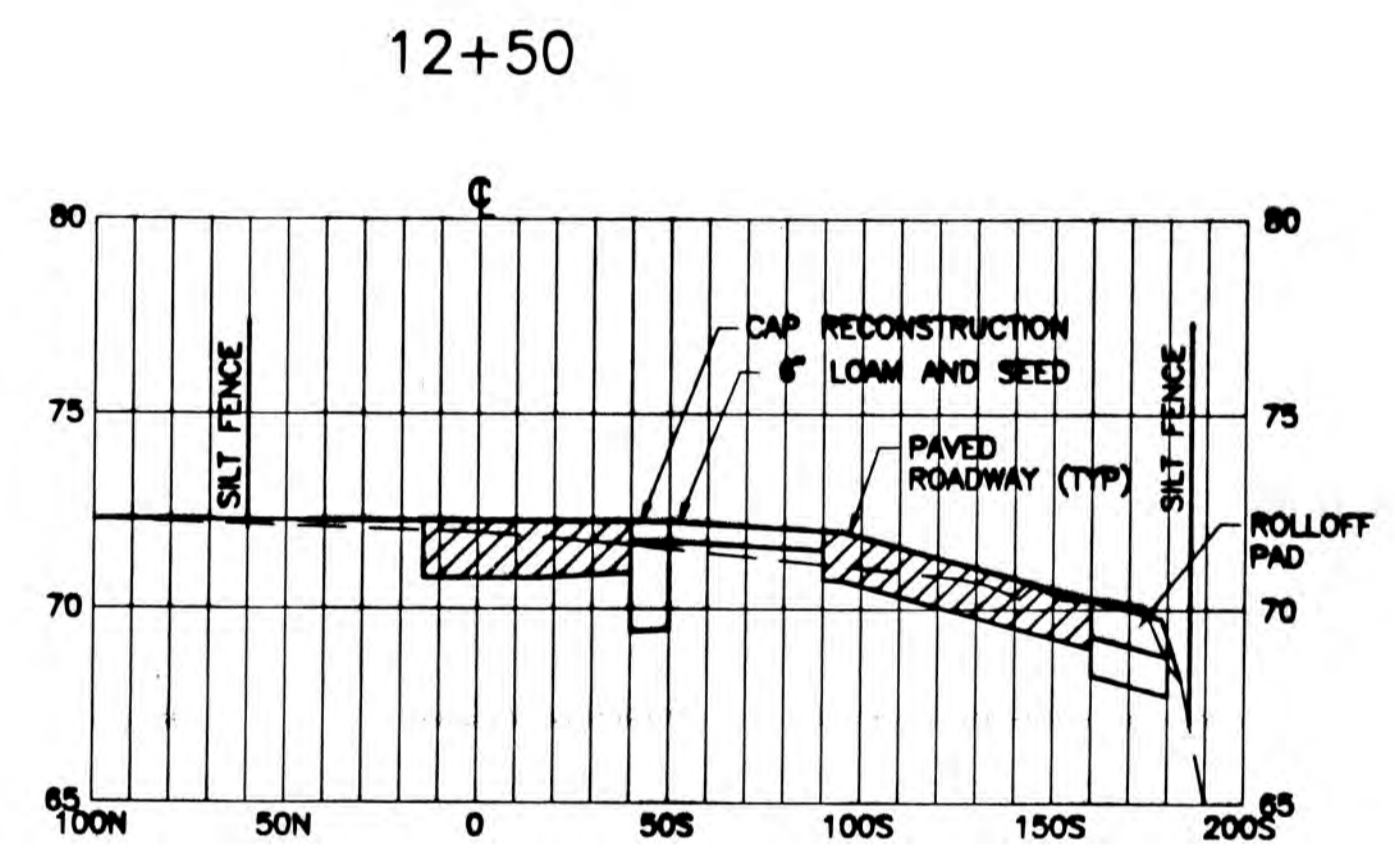
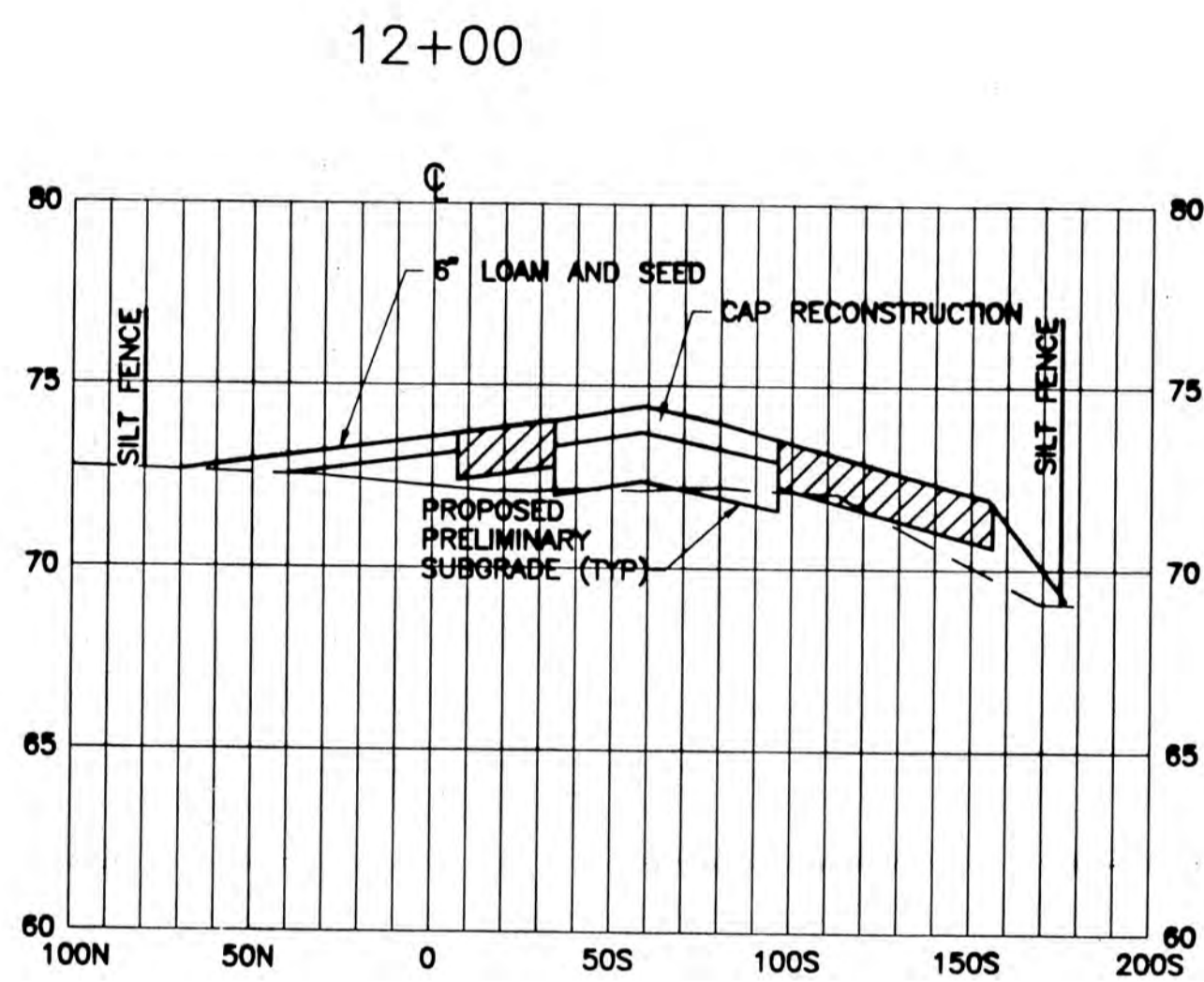
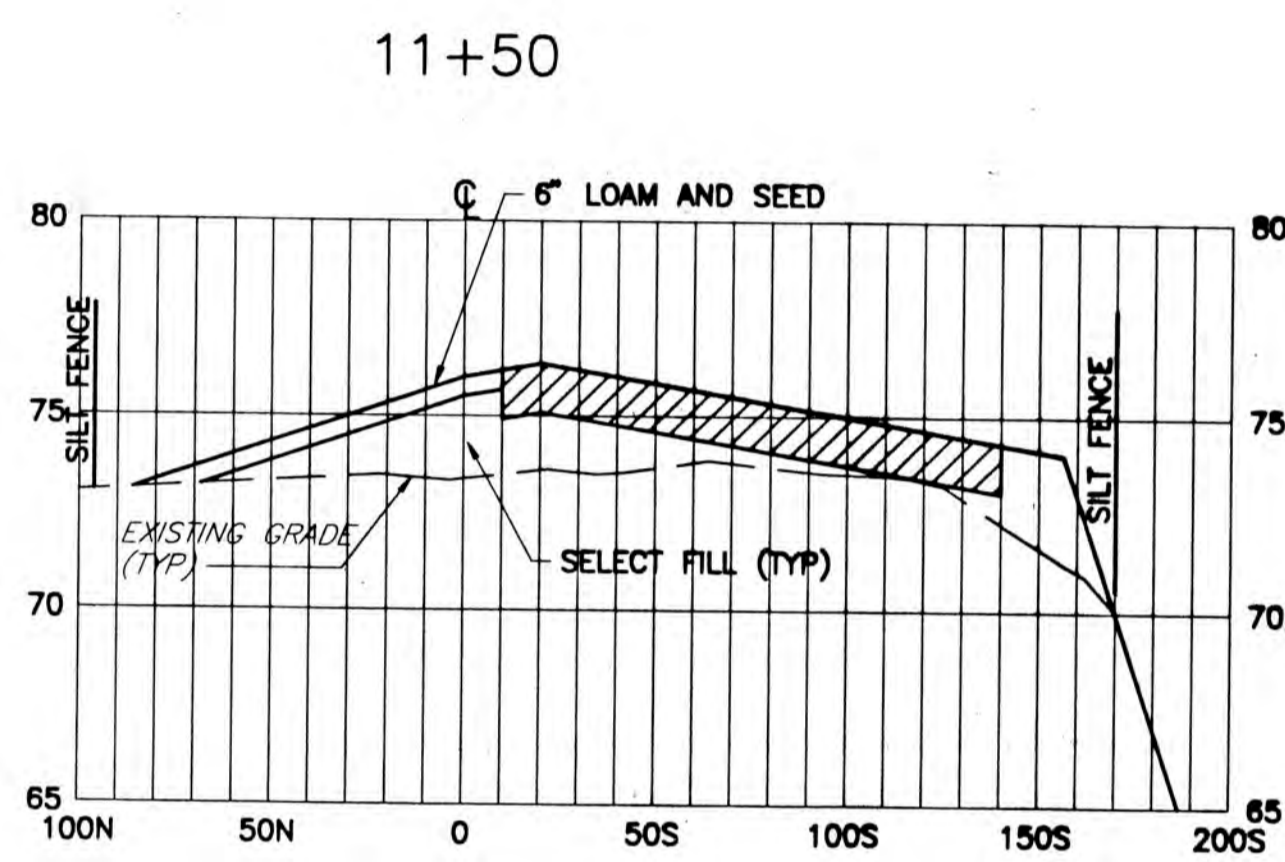
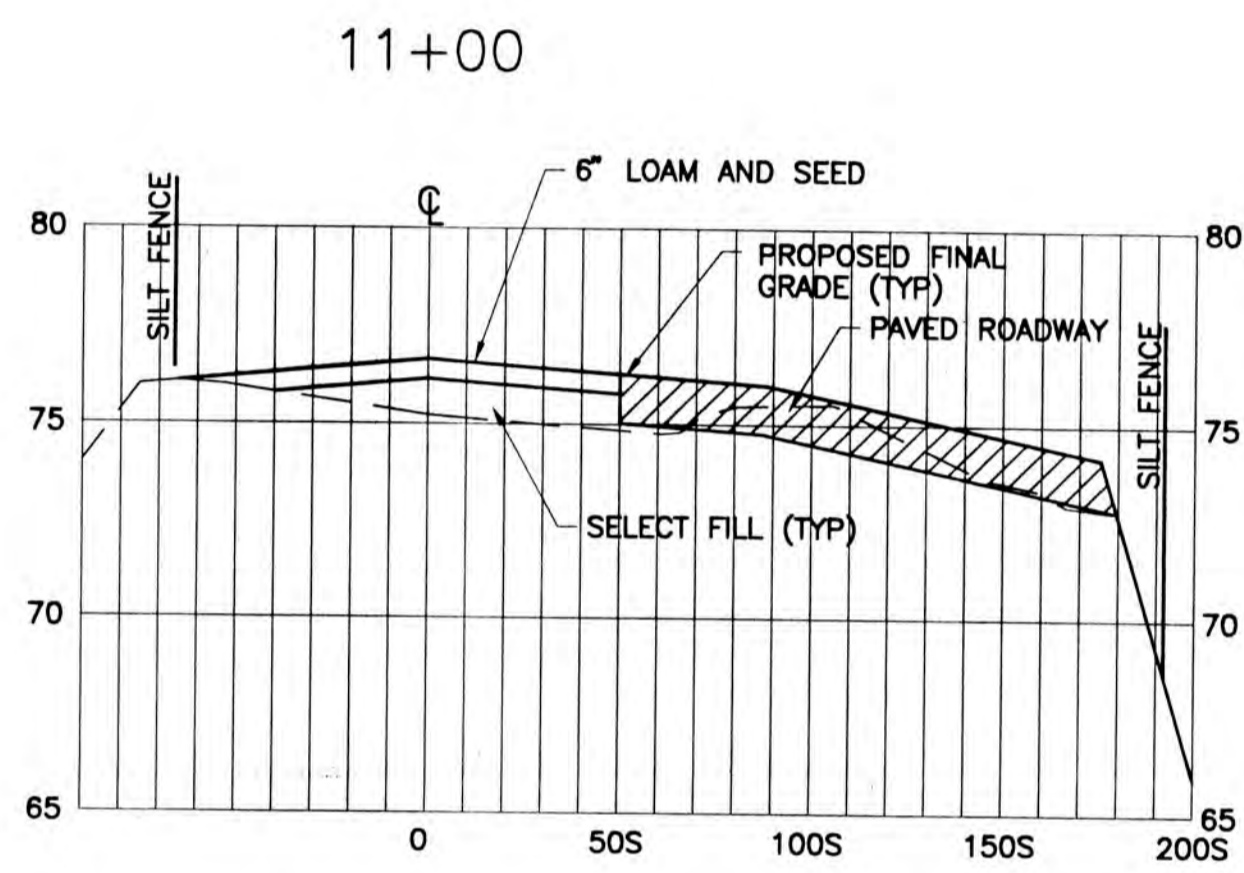
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DATE: 03-07-08
APPROVED BY: [Signature]
DATE: 03-28-08
PROJECT NO.: 6564
BOOK NO.:
SCALE: AS NOTED

REGISTERED PROFESSIONAL ENGINEER
STATE OF MAINE
No. 10000
Wright-Pierce
Engineers & Surveyors

99 Main Street Topsham, Maine 04086
TEL 207-725-8721 FAX 207-729-8414

TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE
MISCELLANEOUS BUILDING/RETAINING WALL
NOTES AND DETAILS

DWG. 7 OF 17



Wright-Pierce
Engineers & Surveyors
99 Main Street Topsham, Maine 04086
TEL 207-725-8721 FAX 207-729-8414

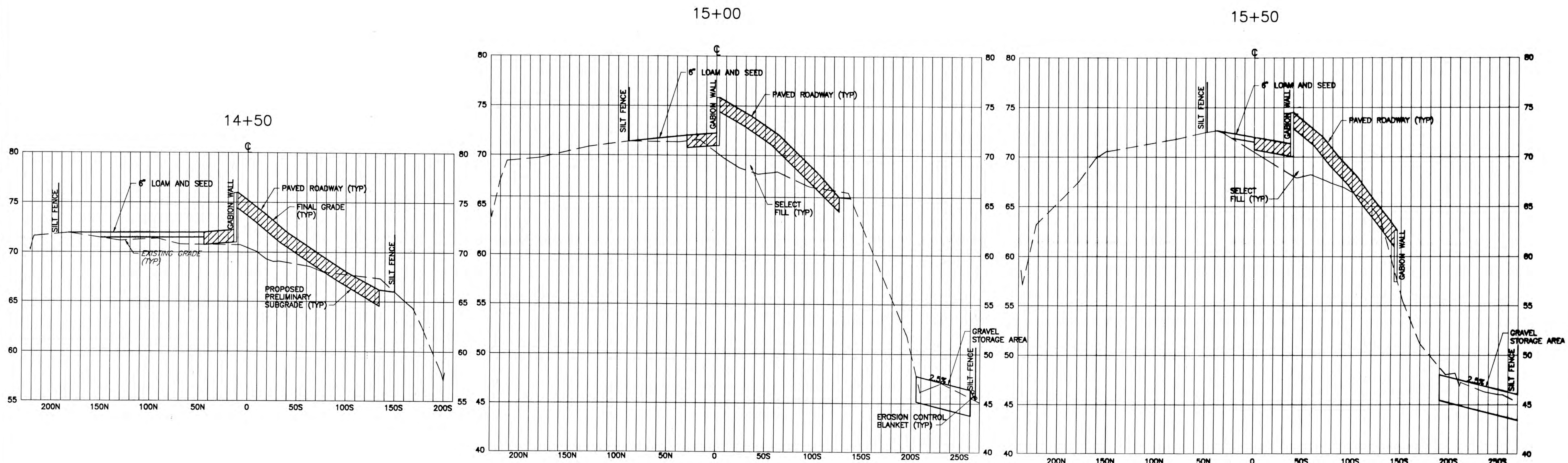
TOWN OF
CAPE ELIZABETH, MAINE
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE
CROSS SECTION
STA. 11+00 TO STA. 14+00

DWG.
8 OF 17

DRAWN BY DSE/LGH
CHECKED BY GJM/GV
DATE 08-07-98
APPROVED BY GJM/GV
DATE 03-25-98
BOOK NO.
PROJECT NO. 6564
SCALE H:V = 50':1" = 5'

PROGRESS PRINTS
ISSUED FOR REVIEW: 03-25-98
ISSUED FOR BIDDING: 04-08-98
APPD
REVISIONS
NO.

G:\DKMS\6564\PRO\6564SEC Fr1 Apr 12 09:47:10 1996 WRIGHT PIERCE



PROGRESS PRINTS	ISSUED FOR REVIEW: 03-25-96	ISSUED FOR BIDDING: 04-05-96
APP'D	DATE: 02-07-95	DATE: 03-25-96
REVISIONS	APPROVED BY: GUNBY	APPROVED BY: GUNBY
	BOOK NO.	PROJECT NO. 6564
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		DATE: 02-07-95
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		PROJECT NO. 6564
		SCALE: H:1"=50', V:1"=5'

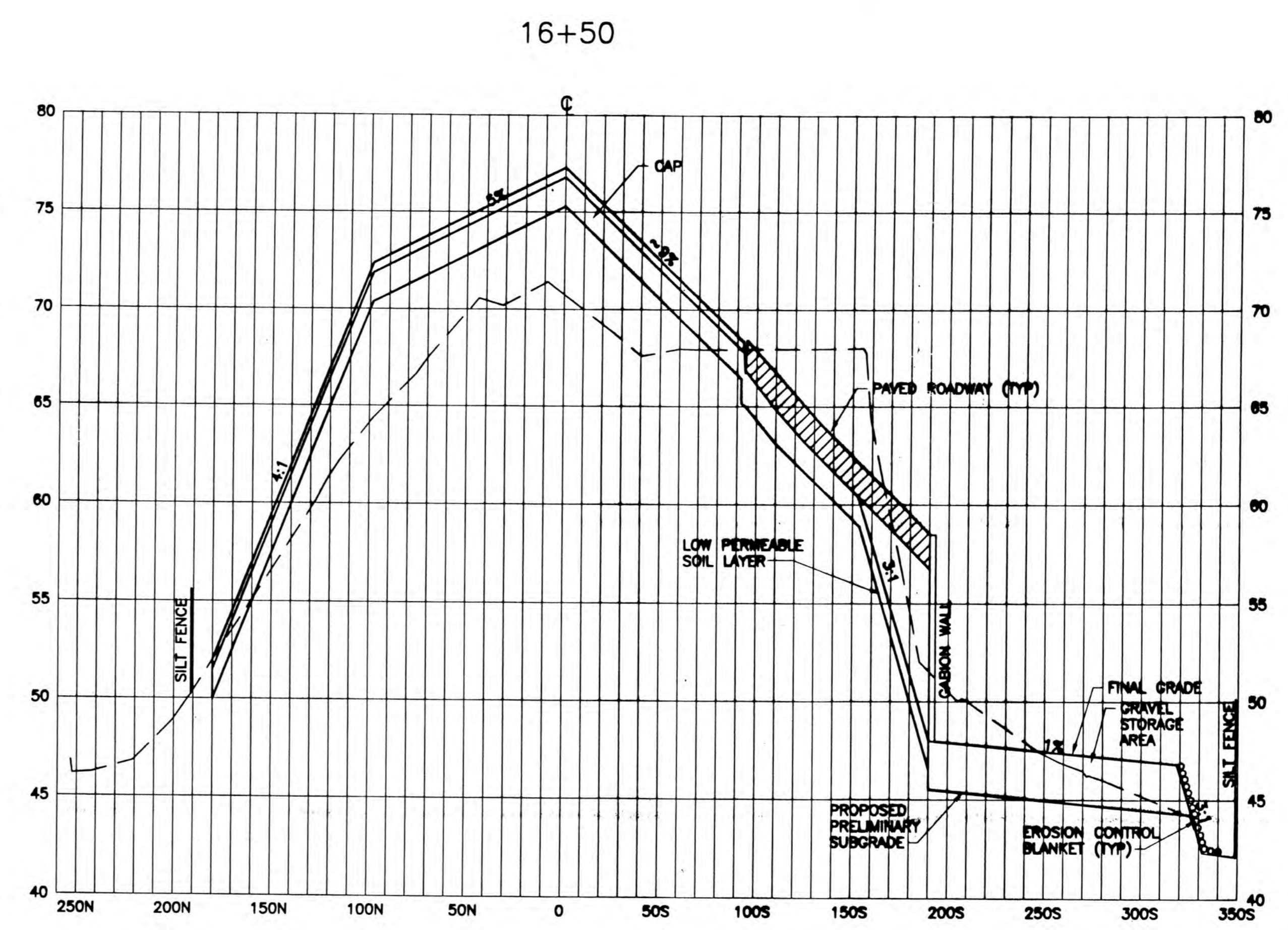
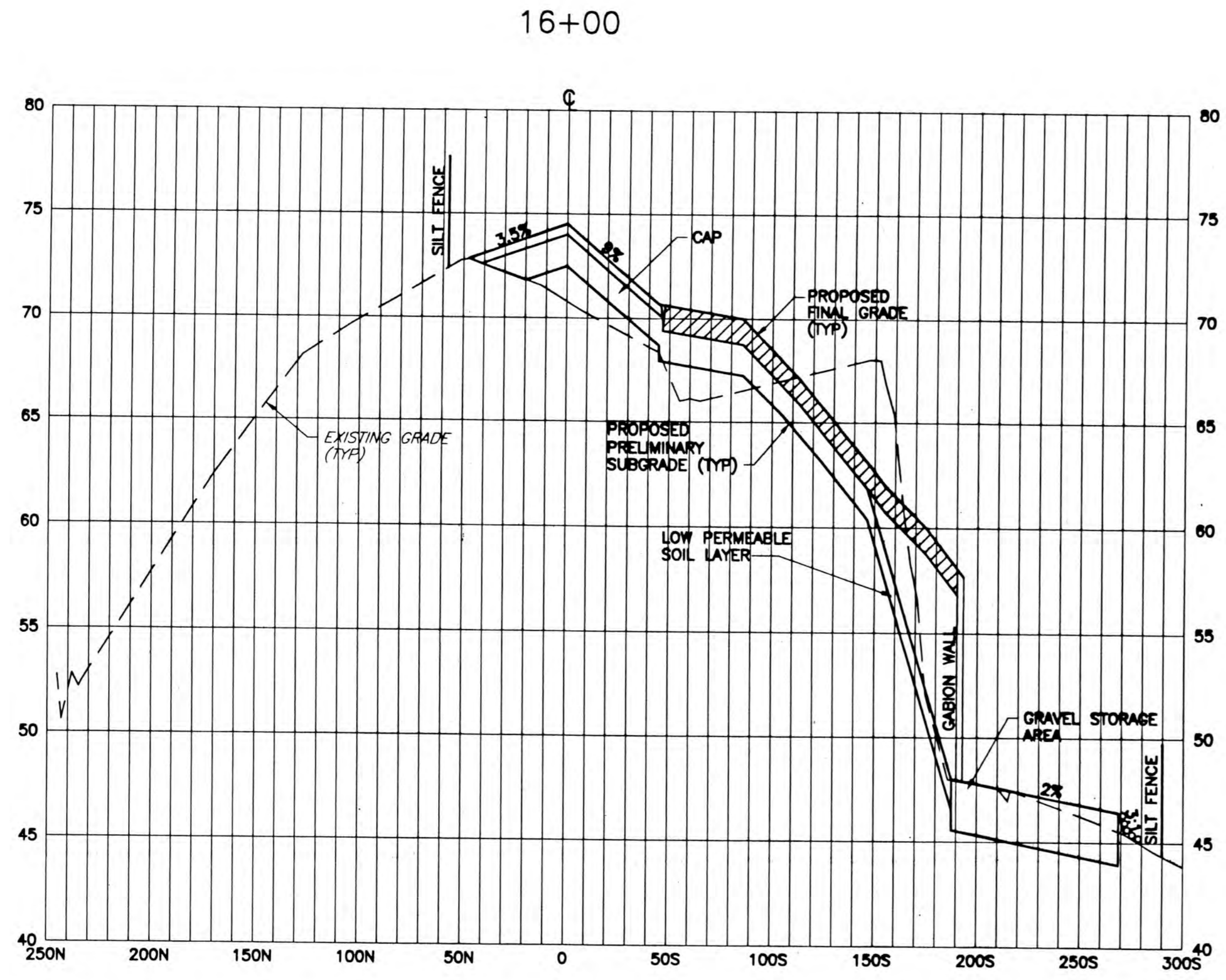
DRAWN BY: DSE/ZGH
 CHECKED BY: GUNBY
 DATE: 02-07-95
 APPROVED BY: GUNBY
 DATE: 03-25-96
 PROJECT NO. 6564
 SCALE: H:1"=50', V:1"=5'

STATE OF MAINE
 GREGORY J. MCVISH
 PROFESSIONAL ENGINEER

Wright-Pierce
 Engineers & Surveyors
 99 Main Street, Topsham, Maine 04086
 TEL 207-725-8721 FAX 207-729-8414

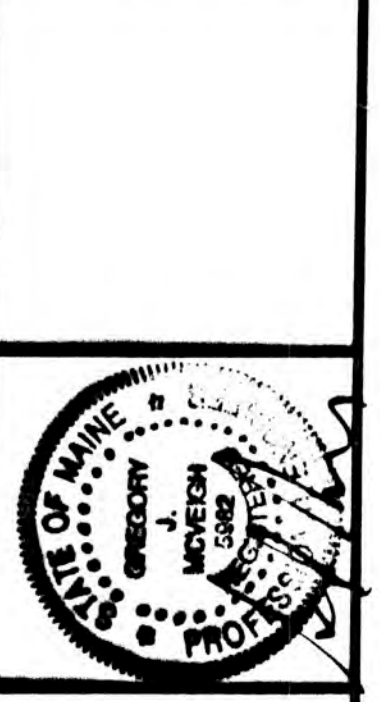
TOWN OF
 CAPE ELIZABETH, MAINE
 CDD TRANSFER STATION AND
 LANDFILL CLOSURE
 CROSS SECTION
 STA. 14+50 TO STA. 15+50

DWG. 9 OF 17



REVISIONS	
NO.	DESCRIPTION

DRAWN BY DSE/ZTGH CHECKED BY GJM/GV DATE 08-07-95 APPROVED BY GJM/GV DATE 03-25-98 BOOK NO. 1 PROJECT NO. 6564 SCALE: H:1"=50' V:1"=5'	APP'D ISSUED FOR REVIEW: 03-25-98 ISSUED FOR BIDDING: 04-08-98 PROJECT LOCATION PLOT SCALE
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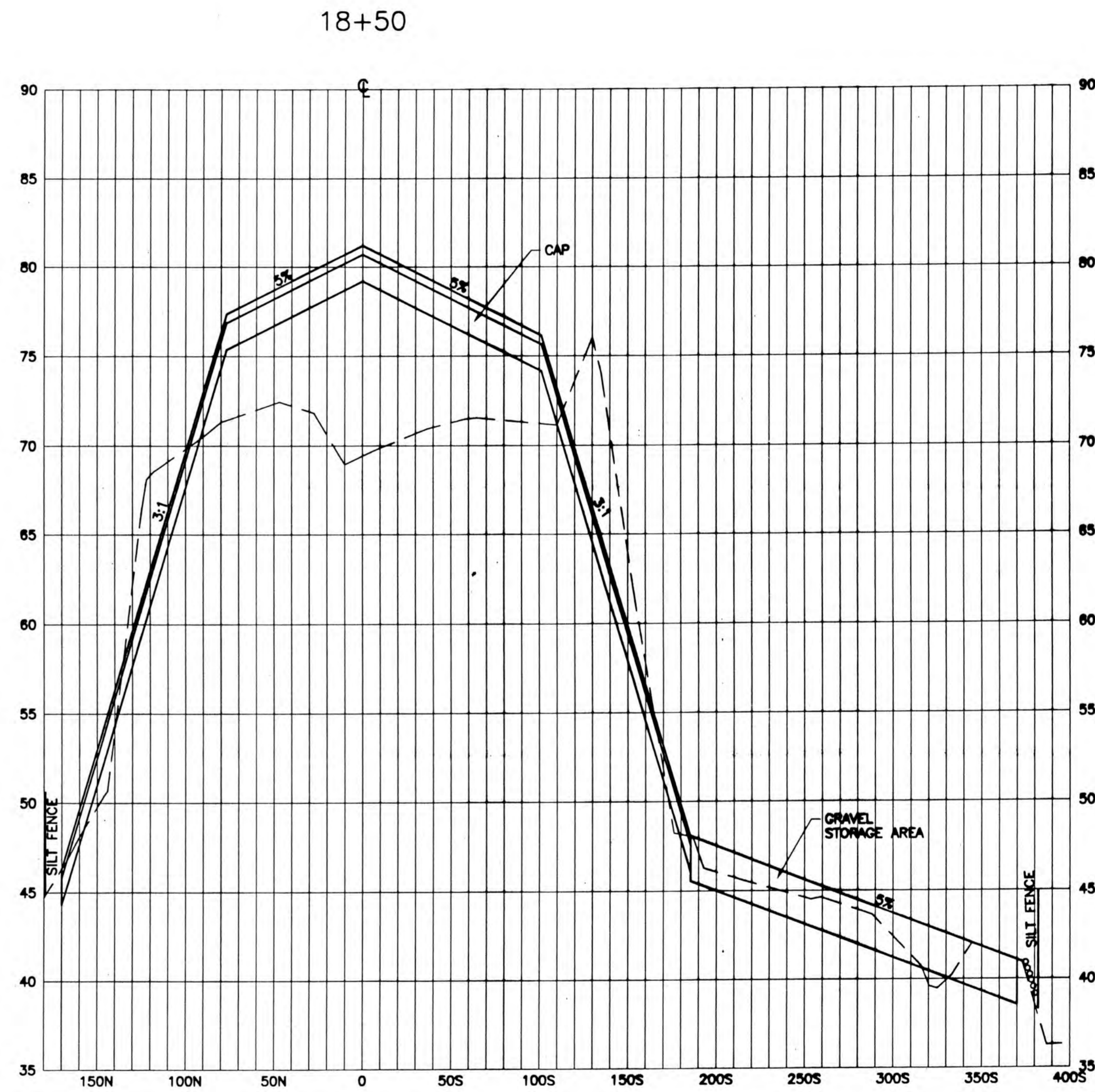
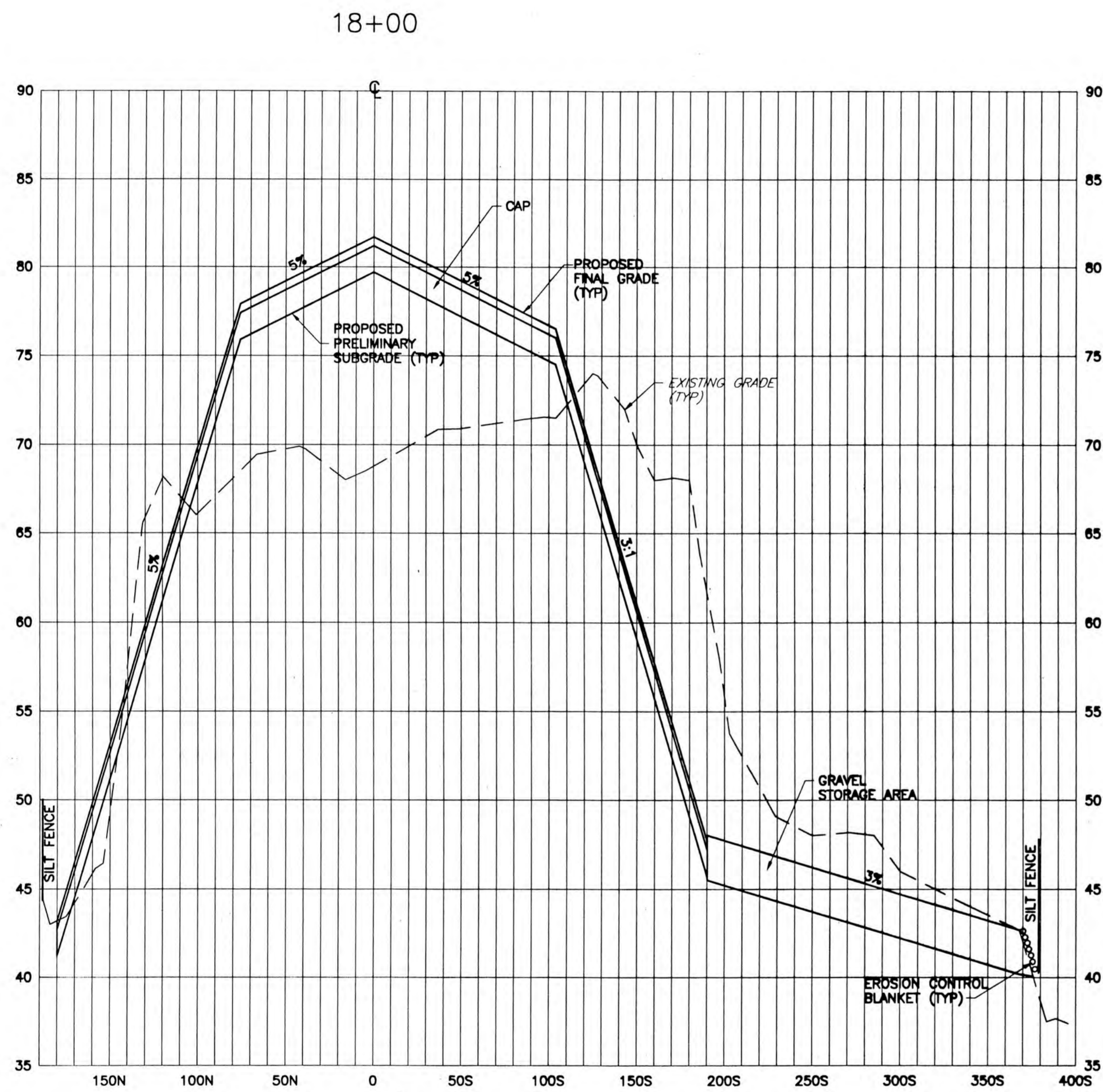
Wright-Pierce
 Engineers & Surveyors

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 TEL 207-725-8721 FAX 207-729-8414

TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE

CROSS SECTION
 STA. 16+00 TO STA. 16+50

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ISSUED FOR REVIEW: 03-29-96	PROGRESS PRINTS
ISSUED FOR BIDDING: 04-08-96	
DATE: 03-24-96	
PROJECT NO. 6564	
SCALE: H:V=50' V:1"=5'	

APPROVED	REVISIONS

DRAWN BY DSE/ZGH
 CHECKED BY GJM/KY
 DATE 04-07-96
 APPROVED BY GJM/KY
 DATE 03-24-96
 BOOK NO.
 PROJECT NO. 6564
 SCALE: H:V=50' V:1"=5'

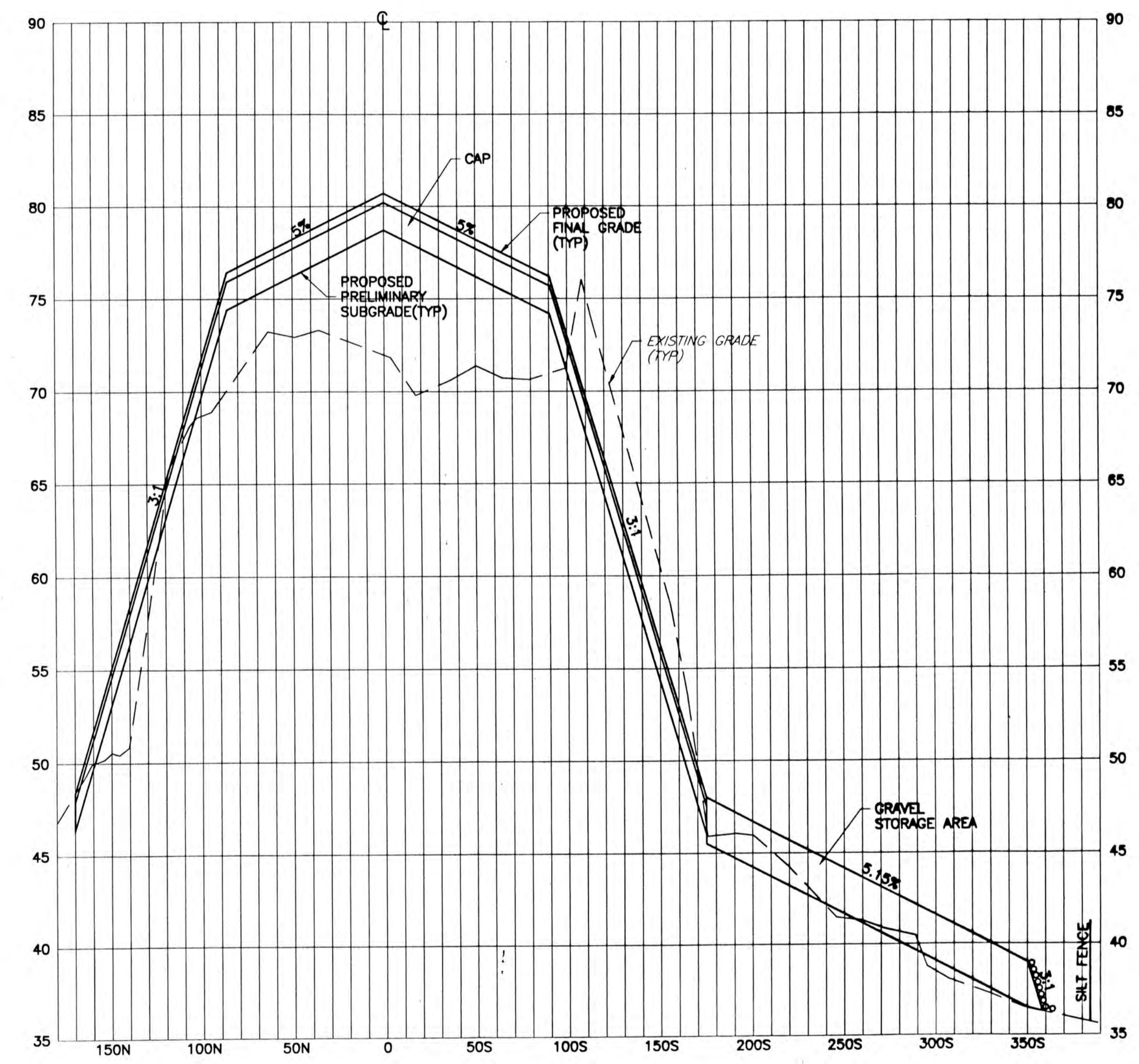


Wright-Pierce
 Engineers & Surveyors
 99 Main Street, Topsham, Maine 04086
 TEL 207-725-8721 FAX 207-729-8414

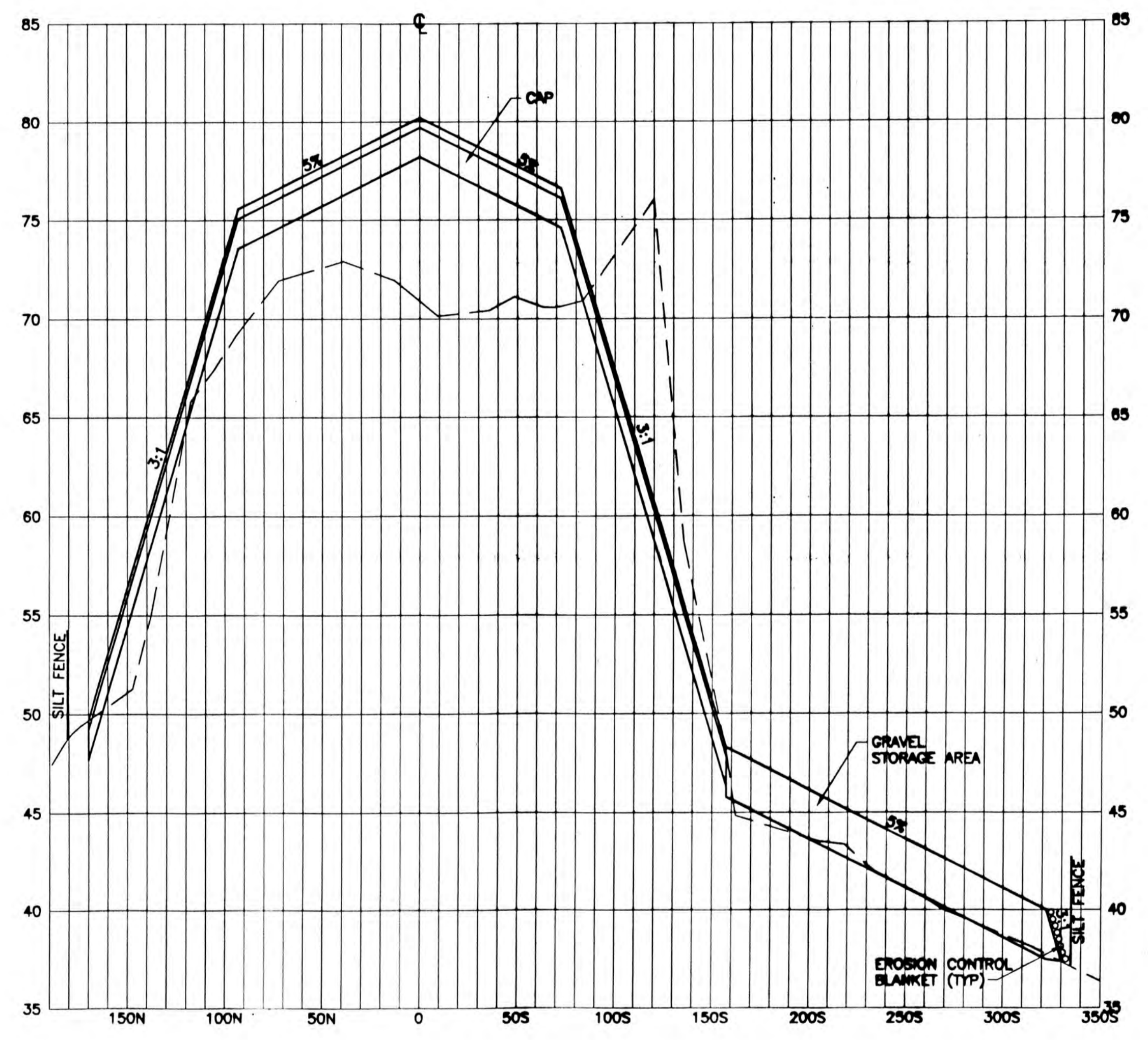
TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE
 CROSS SECTION
 STA. 18+00 TO STA. 18+50

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19+00

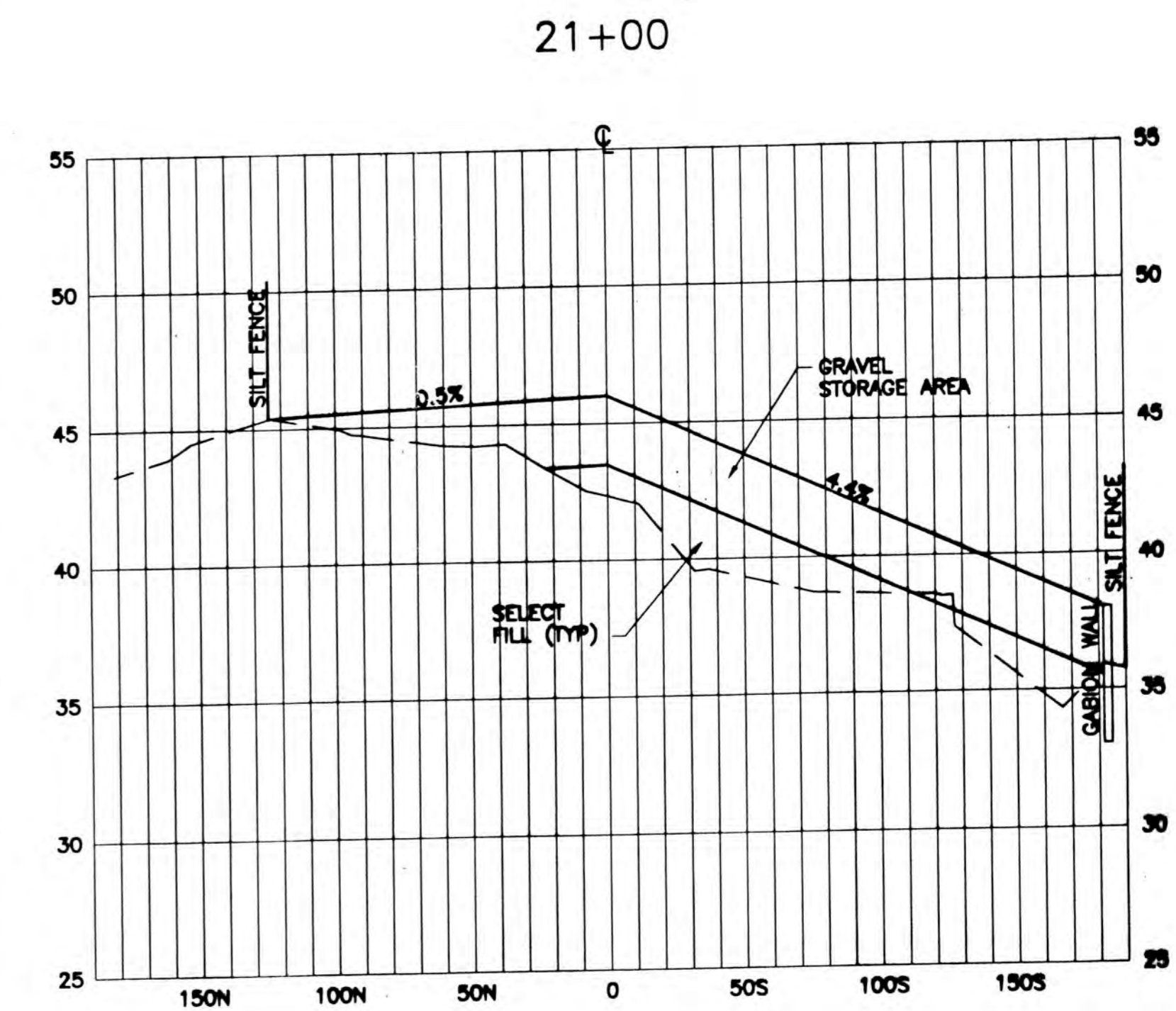
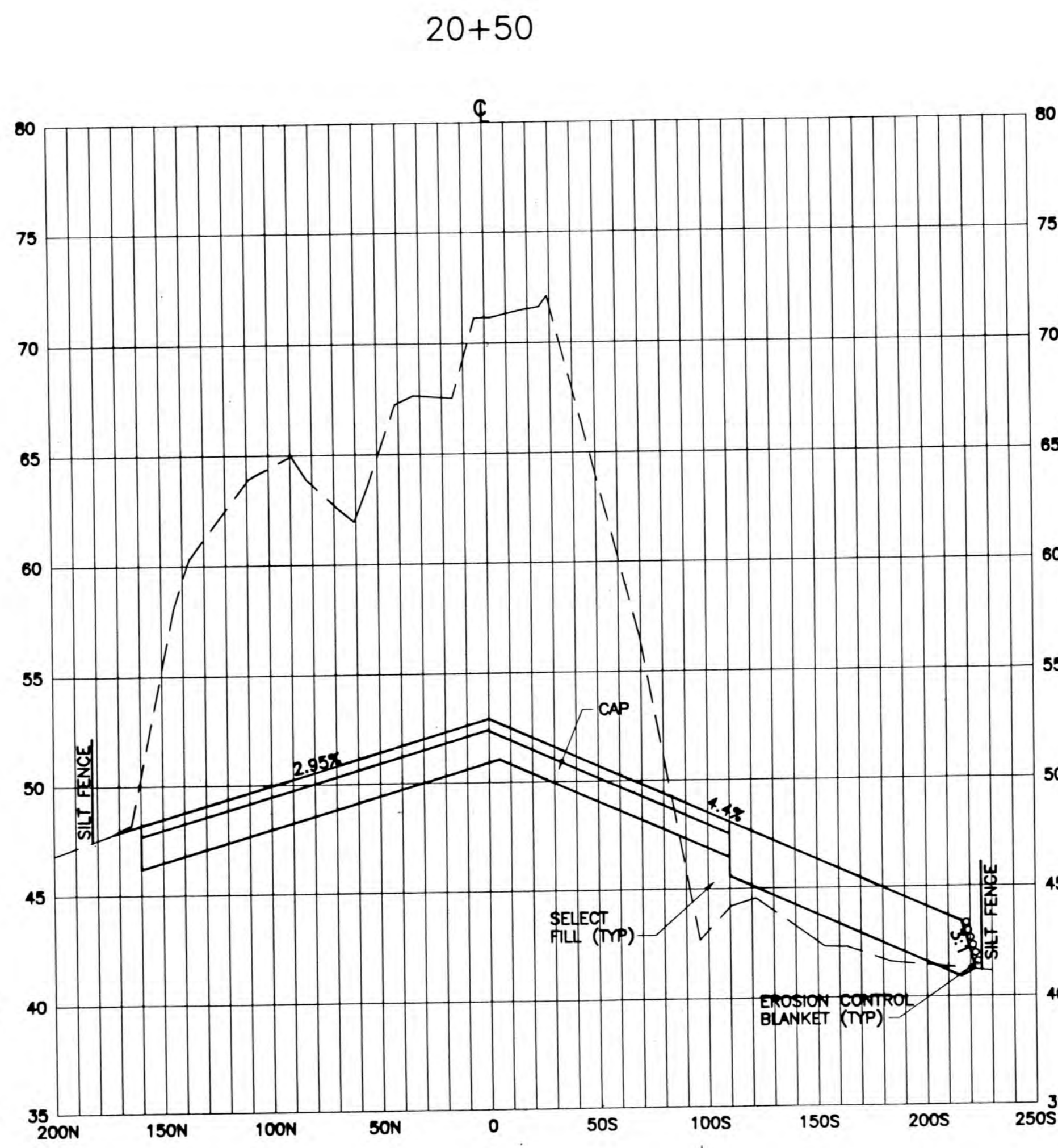
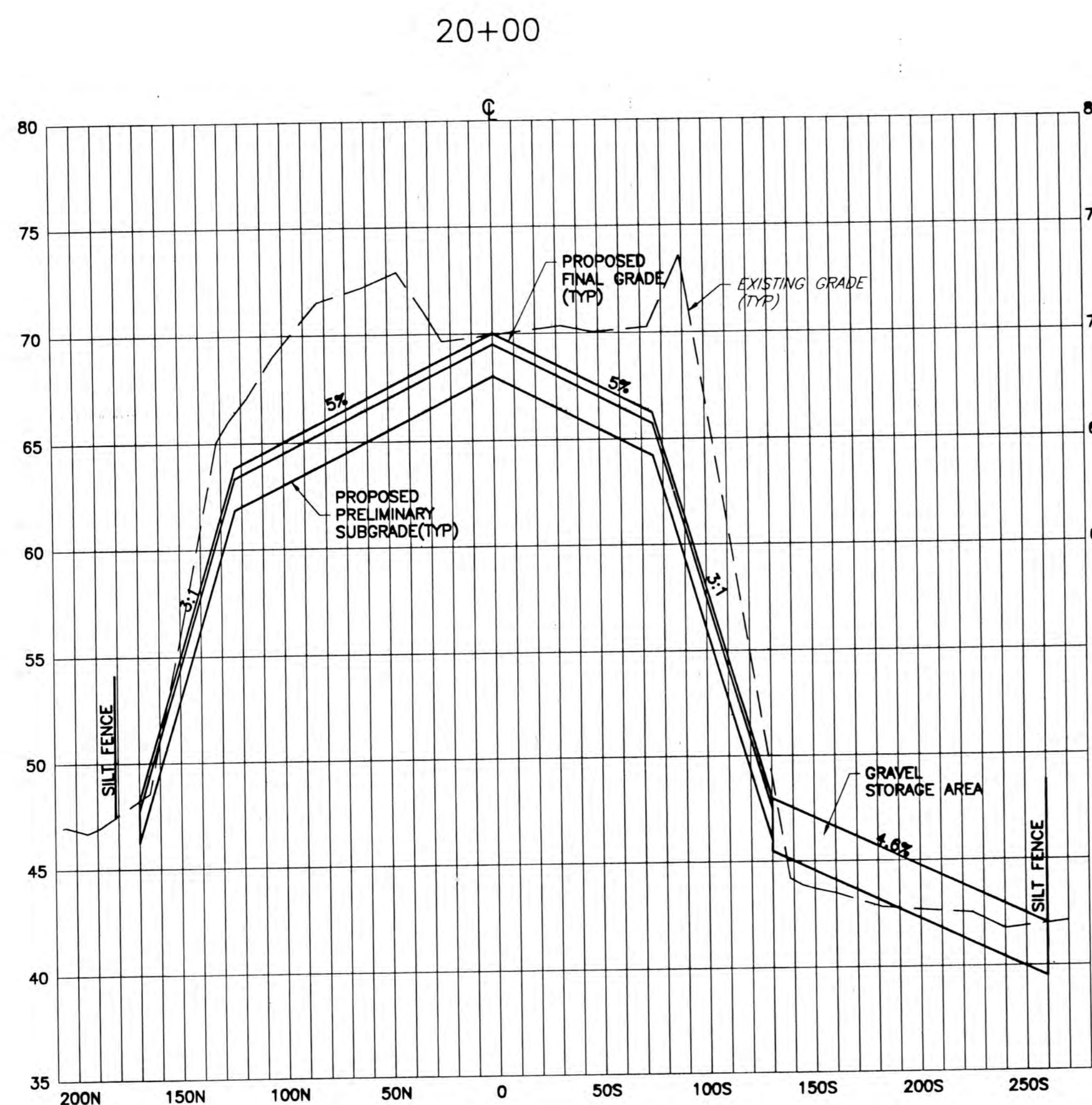


19+50



<p>Wright-Pierce Engineers & Surveyors</p> <p>99 Main Street Topsham, Maine 04086 TEL 207-725-8721 FAX 207-729-8414</p>					
<p>TOWN OF CAPE ELIZABETH, MAINE CDD TRANSFER STATION AND LANDFILL CLOSURE</p> <p>CROSS SECTION STA. 19+00 TO STA. 19+50</p>					
<p>DWG. 13 OF 17</p>					
<p>PROFESSIONAL ENGINEER STATE OF MAINE GREGORY W. PIERCE LICENSE NO. 15888</p>					
<p>DRAWN BY: DJE/TCB CHECKED BY: JWH/RY DATE: 02-07-98 APPROVED BY: GUNRY DATE: 03-23-98 BOOK NO.: PROJECT NO.: 6566A SCALE: H/L=50' V/L=5'</p>					
<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		NO.	DESCRIPTION		
NO.	DESCRIPTION				
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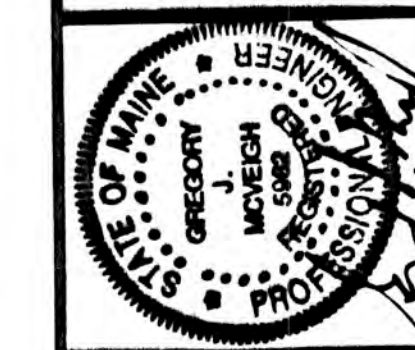
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PROGRESS PRINTS
ISSUED FOR REVIEW: 03-25-96
ISSUED FOR BIDDING: 04-05-96
DATE
BY
SCALE: H.T. = 50' V.T. = 5'

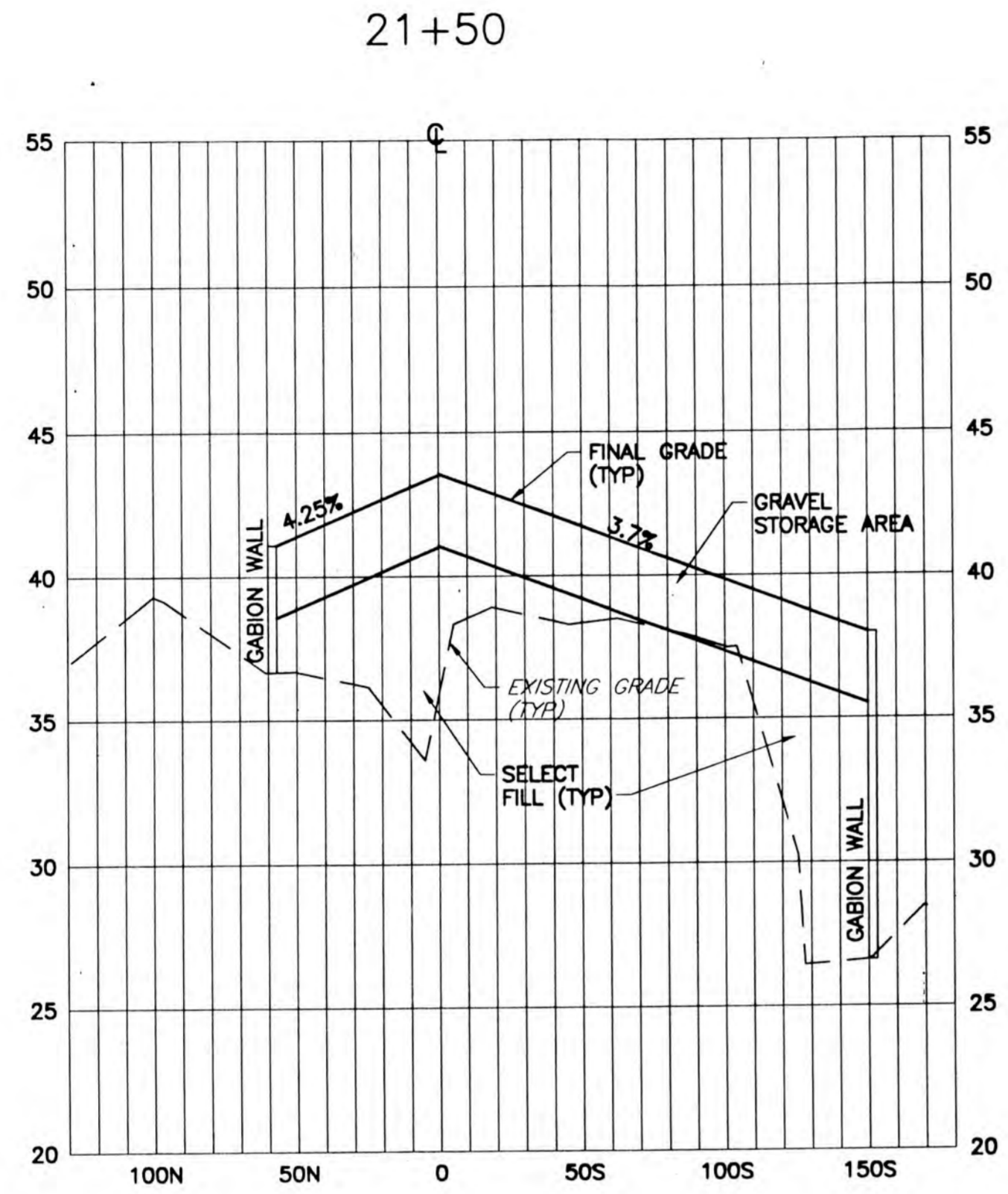
REVISIONS	NO.	DATE	DESCRIPTION

DRAWN BY: DSE/ZGH
 CHECKED BY: GUMBY
 DATE: 08-07-95
 APPROVED BY: GUMBY
 DATE: 03-25-96
 BOOK NO.: 6564
 PROJECT NO.: 6564
 SCALE: H.T. = 50' V.T. = 5'

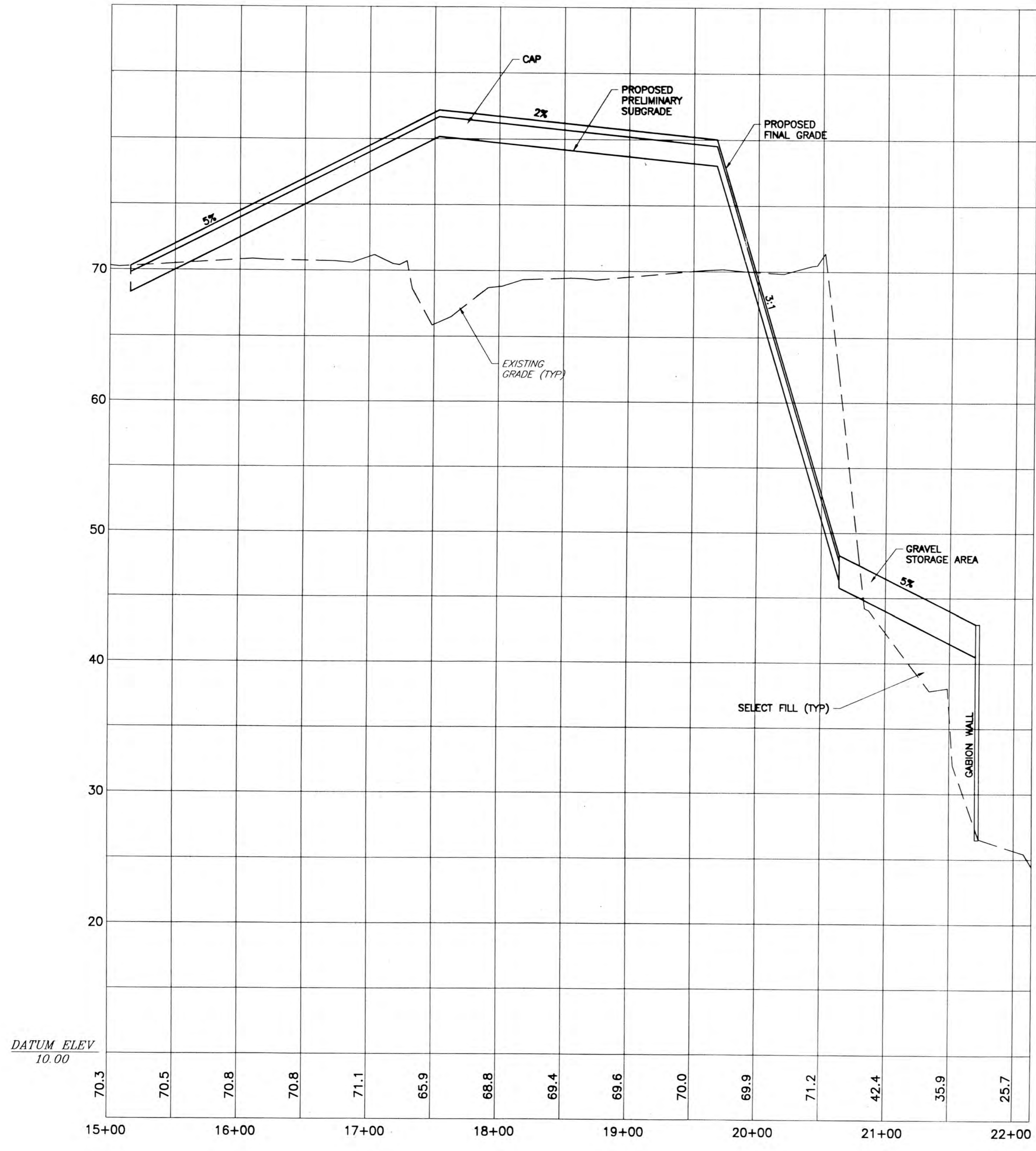


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 TEL 207-725-8721 FAX 207-729-8414

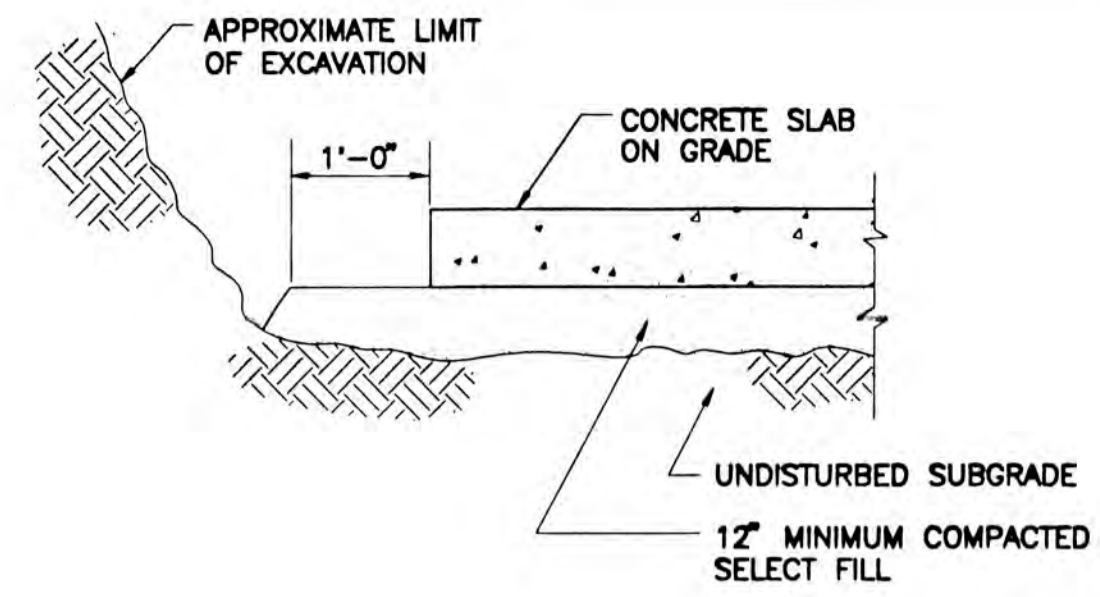
TOWN OF
CAPE ELIZABETH, MAINE
CDD TRANSFER STATION AND
LANDFILL CLOSURE
 CROSS SECTION
 STA. 20+00 TO STA. 21+00



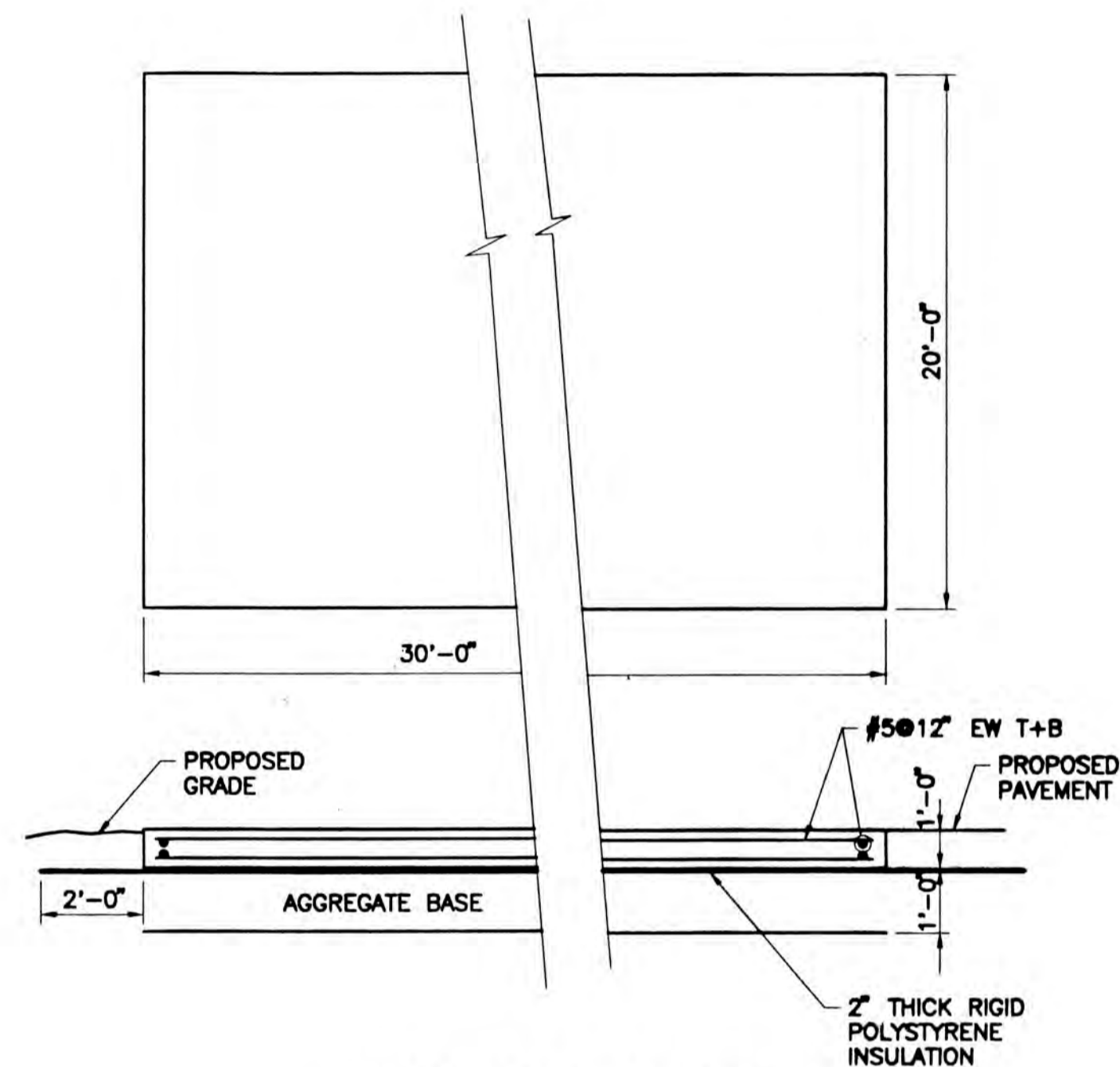
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<p>DRAWN BY: DSE/TCH CHECKED BY: GJACKY DATE: 02-27-96 APPROVED BY: GJACKY DATE: 02-27-96 BOOK NO.: PROJECT NO.: 6564 SCALE: H.T. = 50' V.T. = 5'</p>				
<p>Wright-Pierce Engineers & Surveyors</p> <p>99 Main Street Topsham, Maine 04086 TEL 207-725-8721 FAX 207-729-8414</p>				
<p>TOWN OF CAPE ELIZABETH, MAINE CDD TRANSFER STATION AND LANDFILL CLOSURE CROSS SECTION STA. 21+50</p>				
<p>DWG. 15 OF 17</p>				



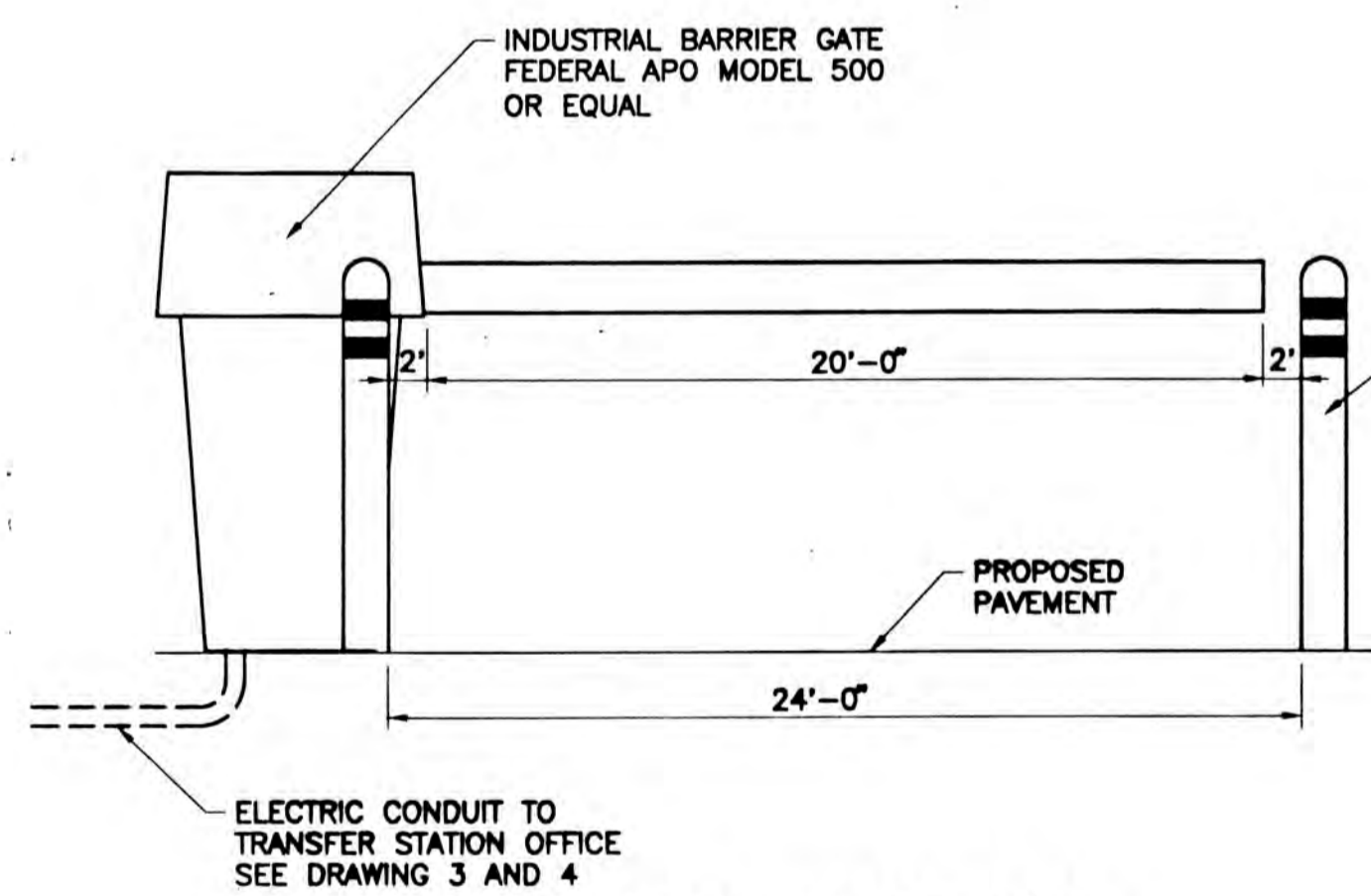
<p>Wright-Pierce Engineers & Surveyors</p> <p>99 Main Street Topsham, Maine 04086 TEL 207-725-8721 FAX 207-729-8414</p>		<p>STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER GREGORY J. WRIGHT NUMBER 10083 EXPIRES 12/31/98 PROJECT 6564</p>	<p>PROJECT NO. 6564 SCALE H:V = 50' : 1" = 5'</p>	<p>DATE 08-07-95 APPROVED BY GJM/GV DATE 03-25-96</p>	<p>ISSUED FOR REVIEW 03-25-96 ISSUED FOR BIDDING 04-05-96</p>
<p>TOWN OF CAPE ELIZABETH, MAINE CDD TRANSFER STATION AND LANDFILL CLOSURE PROFILE ALONG CONSTRUCTION BASELINE</p>					
<p>DWG. 18 OF 17</p>		<p>REVISIONS</p>			
<p>APTD</p>		<p>PROGRESS PRINTS</p>			



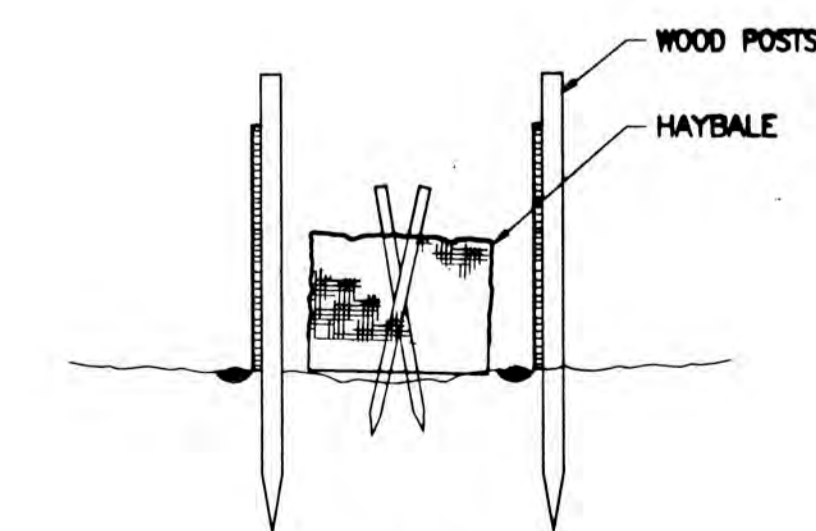
TYPICAL FOUNDATION PREPARATION
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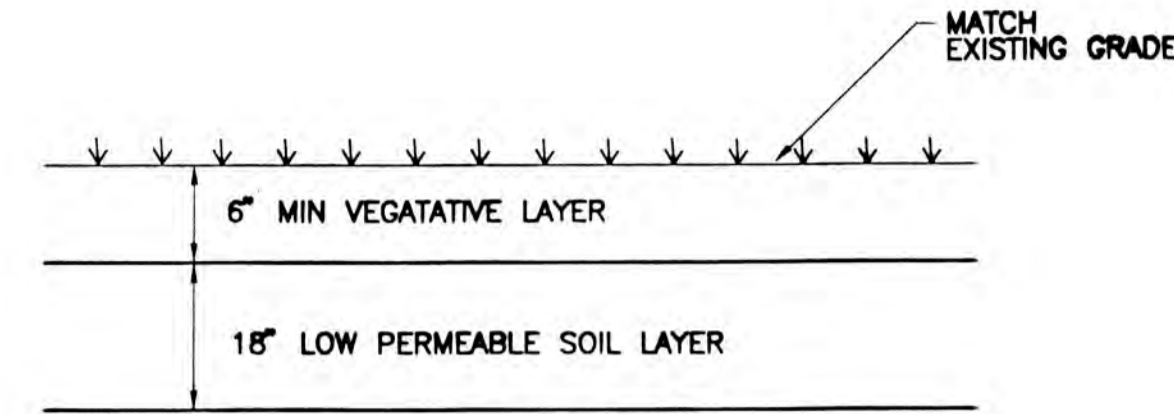
ROLLOFF PAD DETAIL
NTS



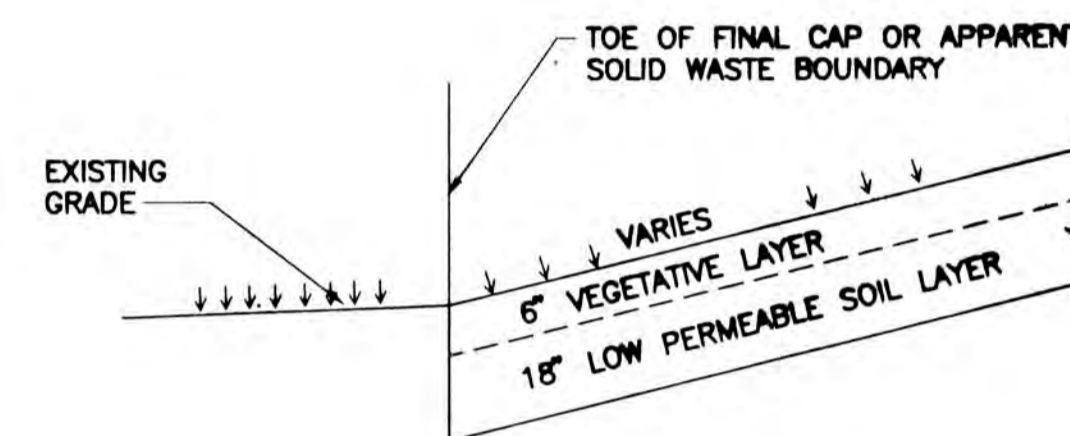
ELECTRIC GATE ARM
NTS



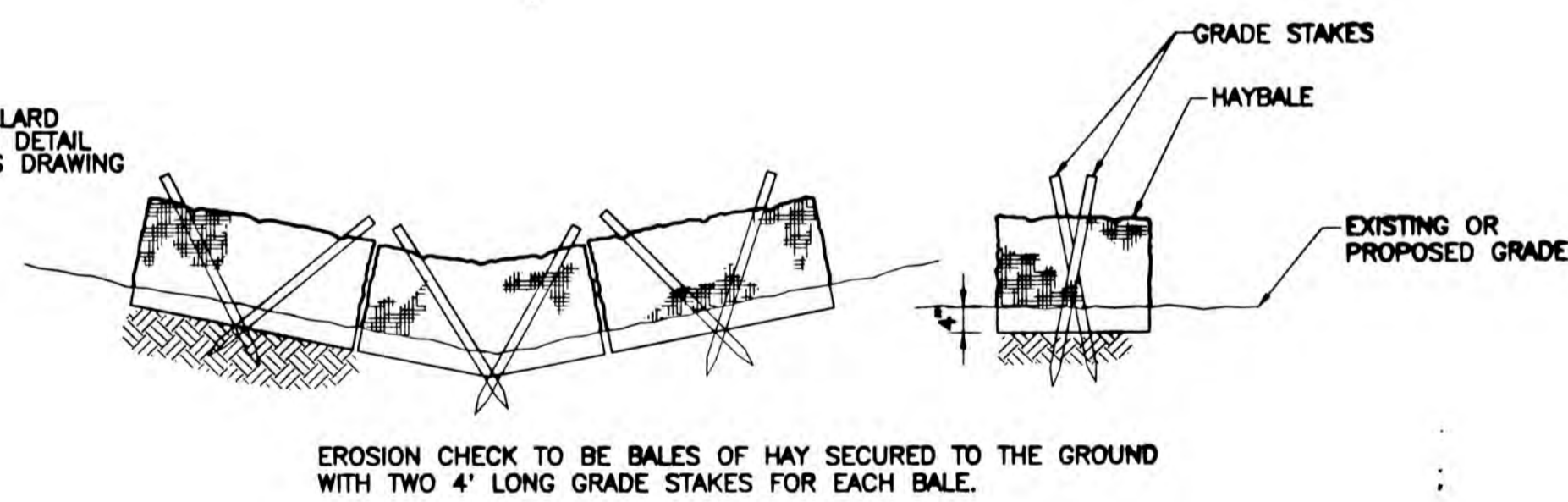
COMBINATION SILT FENCE AND HAY BALE
NTS



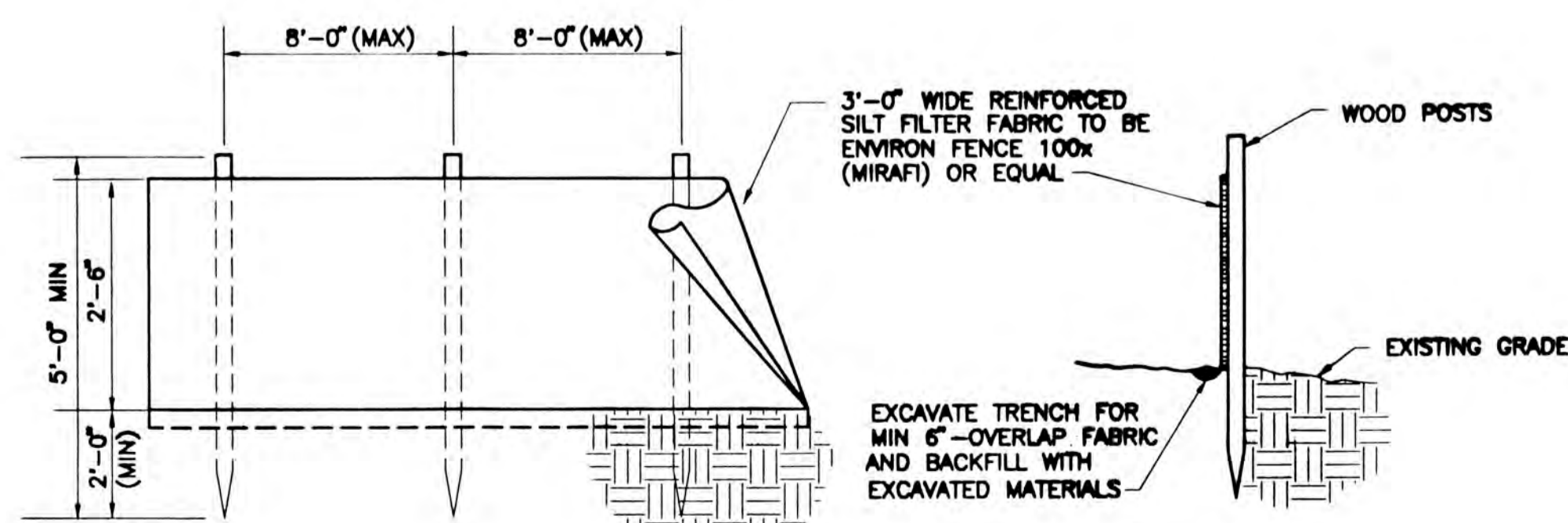
TYPICAL LANDFILL LOW PERMEABLE SOIL LAYER RECONSTRUCTION
NTS



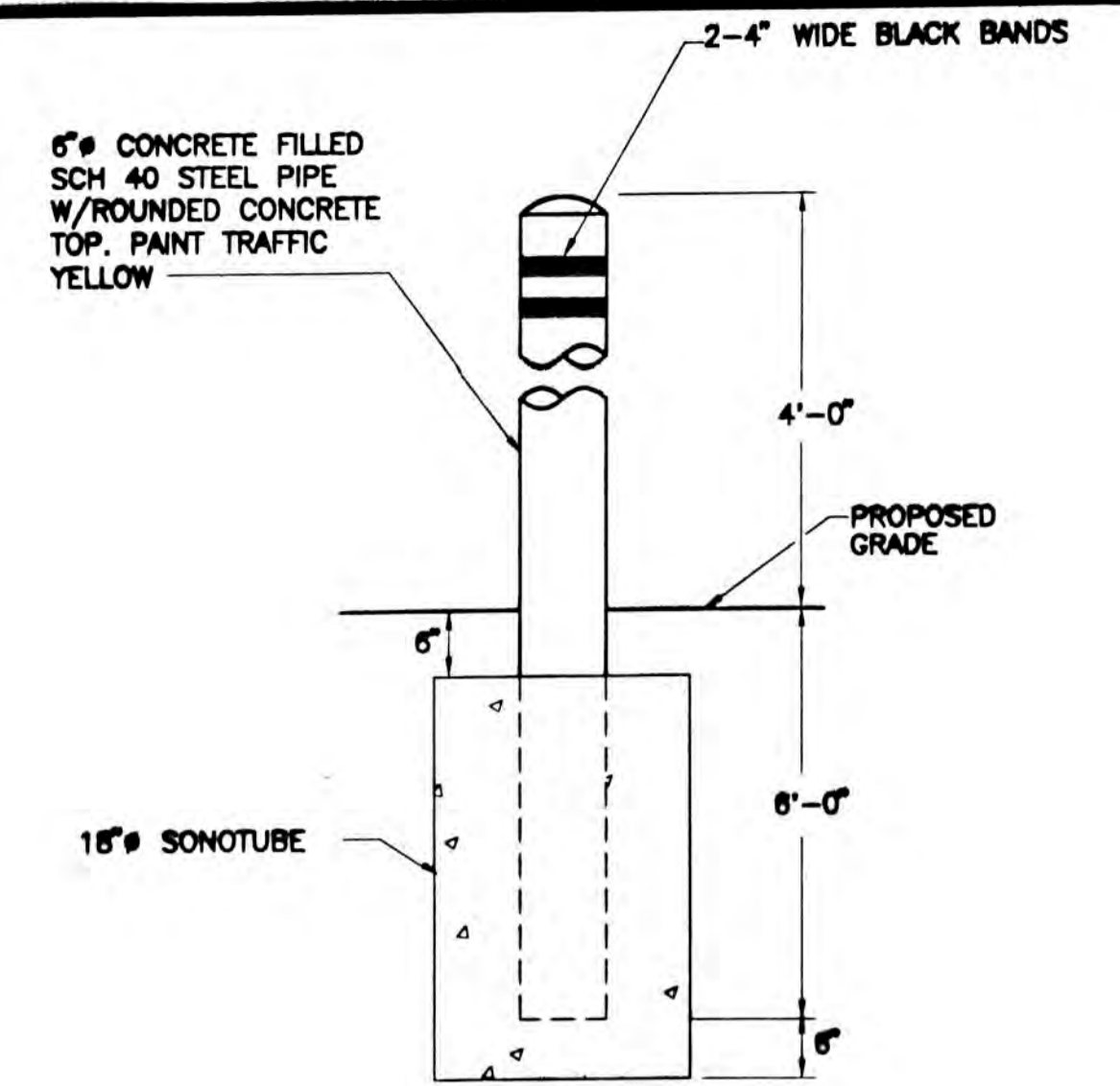
TYPICAL LANDFILL LOW PERMEABLE SOIL AND TOE DETAILS
NTS



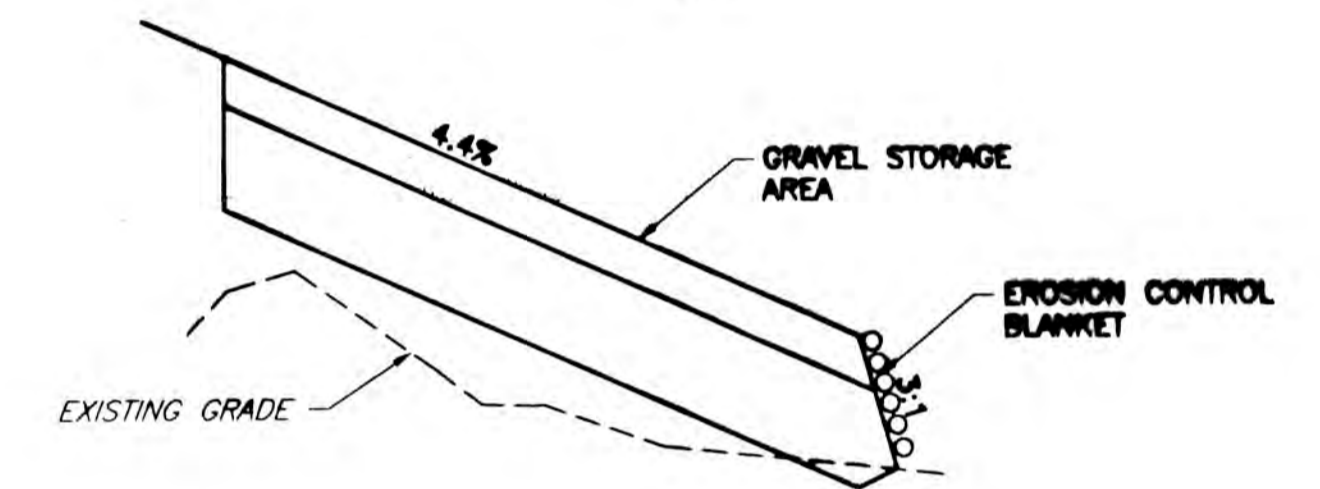
HAY BALE CHECK DAM
NTS



SILT FENCE INSTALLATION DETAIL
NTS

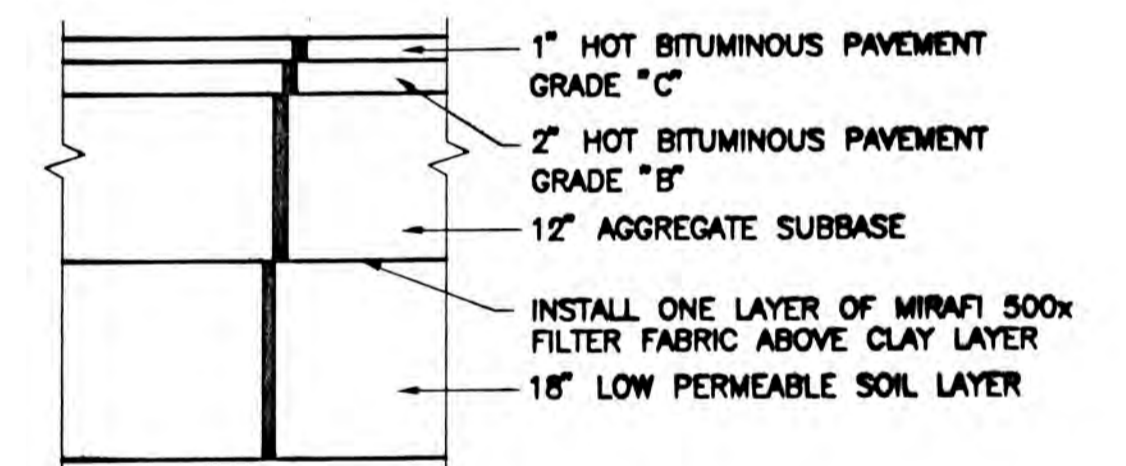


BOLLARD
NTS

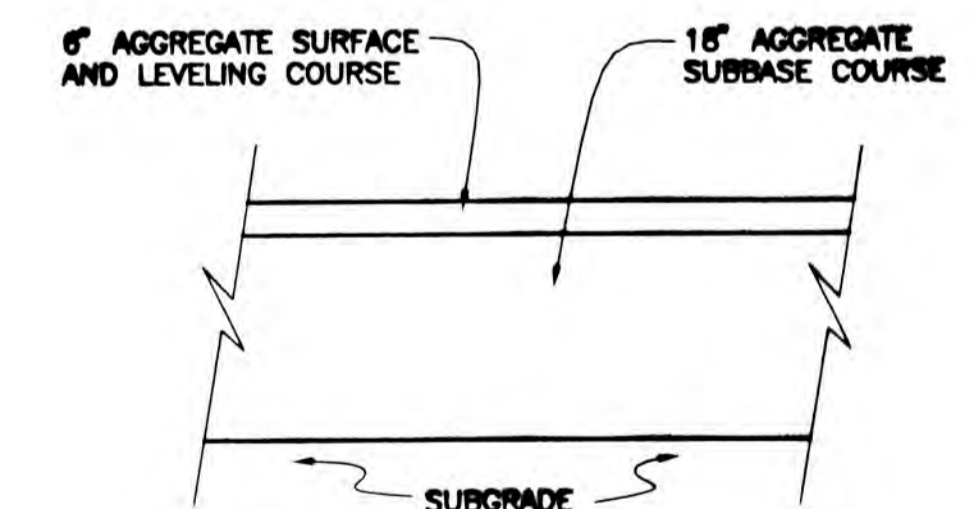


NOTE: FURNISH AND INSTALL AMYCO HI-VELOCITY CURLEX BLANKET FOR EROSION CONTROL ALONG GRAVEL STORAGE AREA SLOPES FROM 2'-0" BEFORE SLOPE TO TOE OF SLOPE. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

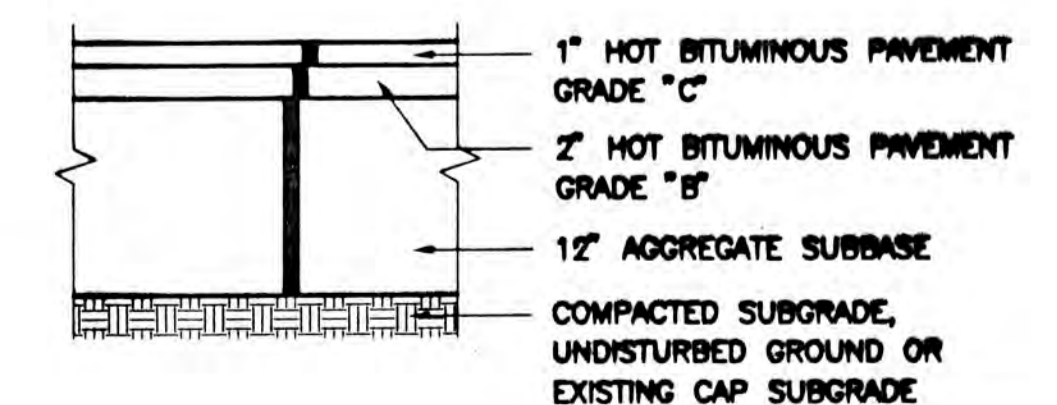
EROSION CONTROL BLANKET TYPICAL SIDE SLOPE SECTION
NTS



PAVING DETAIL IN PROPOSED CAP AREAS
NTS



GRAVEL STORAGE AREAS
NTS



PAVING DETAIL
NTS

PROGRESS PRINTS	ISSUED FOR REVIEW	3-25-98
ISSUED FOR BOOKING	4-05-98	

APPROVED	
REVISIONS	
NO.	

DRAWN BY	DOSE
CHECKED BY	GAJAVY
DATE	2-7-98
APPROVED BY	GAJAVY
DATE	3-25-98
BOOK NO.	
PROJECT NO.	6564
SCALE	AS SHOWN



Wright-Pierce
Engineers & Surveyors
99 Main Street Topsham, Maine 04086
TEL 207-725-8721 FAX 207-729-8414

TOWN OF
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TRANSFER STATION AND
LANDFILL CLOSURE
MISCELLANEOUS CIVIL DETAILS