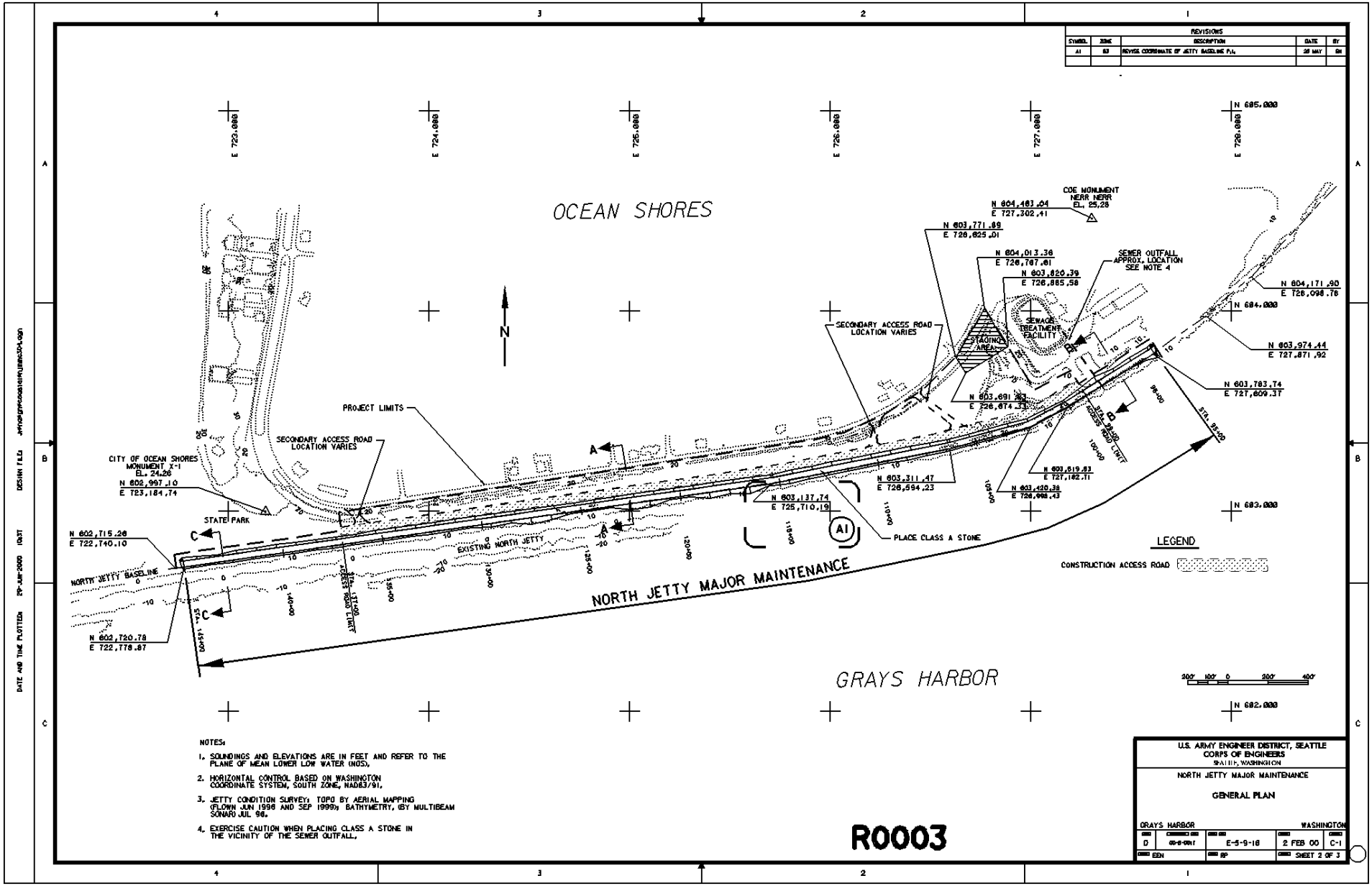
OCEAN SHORES
GRAYS HARBOR
NORTH JETTY MAJOR MAINTENANCE
PROJECT LIMITS
SECONDARY ACCESS ROAD LOCATION VARIES
CITY OF OCEAN SHORES MONUMENT X-1 EL. 24.26
N 602,997.10
E 723,184.74
STATE PARK
N 602,715.26
E 722,740.10
NORTH JETTY BASELINE
N 602,720.78
E 722,778.87
EXISTING NORTH JETTY
ACCESS ROAD LIMIT
STAGING AREA
SEWAGE TREATMENT FACILITY
SEWER OUTFALL APPROX. LOCATION SEE NOTE 4
COE MONUMENT NERR NERR EL. 25.28
N 604,483.04
E 727,302.41
N 603,771.89
E 726,825.01
N 604,013.36
E 726,767.61
N 603,820.39
E 726,885.58
N 604,171.90
E 726,098.76
N 603,974.44
E 727,871.92
N 603,783.74
E 727,609.37
N 603,691.83
E 726,874.33
N 603,311.47
E 726,594.23
N 603,137.74
E 725,710.19
N 603,619.83
E 727,182.71
N 603,420.38
E 726,998.43
PLACE CLASS A STONE
LEGEND
CONSTRUCTION ACCESS ROAD
NOTES:
1. SOUNDINGS AND ELEVATIONS ARE IN FEET AND REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW).
2. HORIZONTAL CONTROL BASED ON WASHINGTON COORDINATE SYSTEM, SOUTH ZONE, NAD83/91.
3. JETTY CONDITION SURVEY: TOPO BY AERIAL MAPPING (FLOWN JUN 1996 AND SEP 1999); BATHYMETRY, (BY MULTIBEAM SONAR) JUL 98.
4. EXERCISE CAUTION WHEN PLACING CLASS A STONE IN THE VICINITY OF THE SEWER OUTFALL.
R0003
U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON
NORTH JETTY MAJOR MAINTENANCE
GENERAL PLAN
GRAYS HARBOR
WASHINGTON
D
E-5-9-16
2 FEB 00
C-1
SHEET 2 OF 3
DATE AND TIME PLOTTED: 29-JUN-2000 10:37
DESIGN FILE:

FIGURE 1

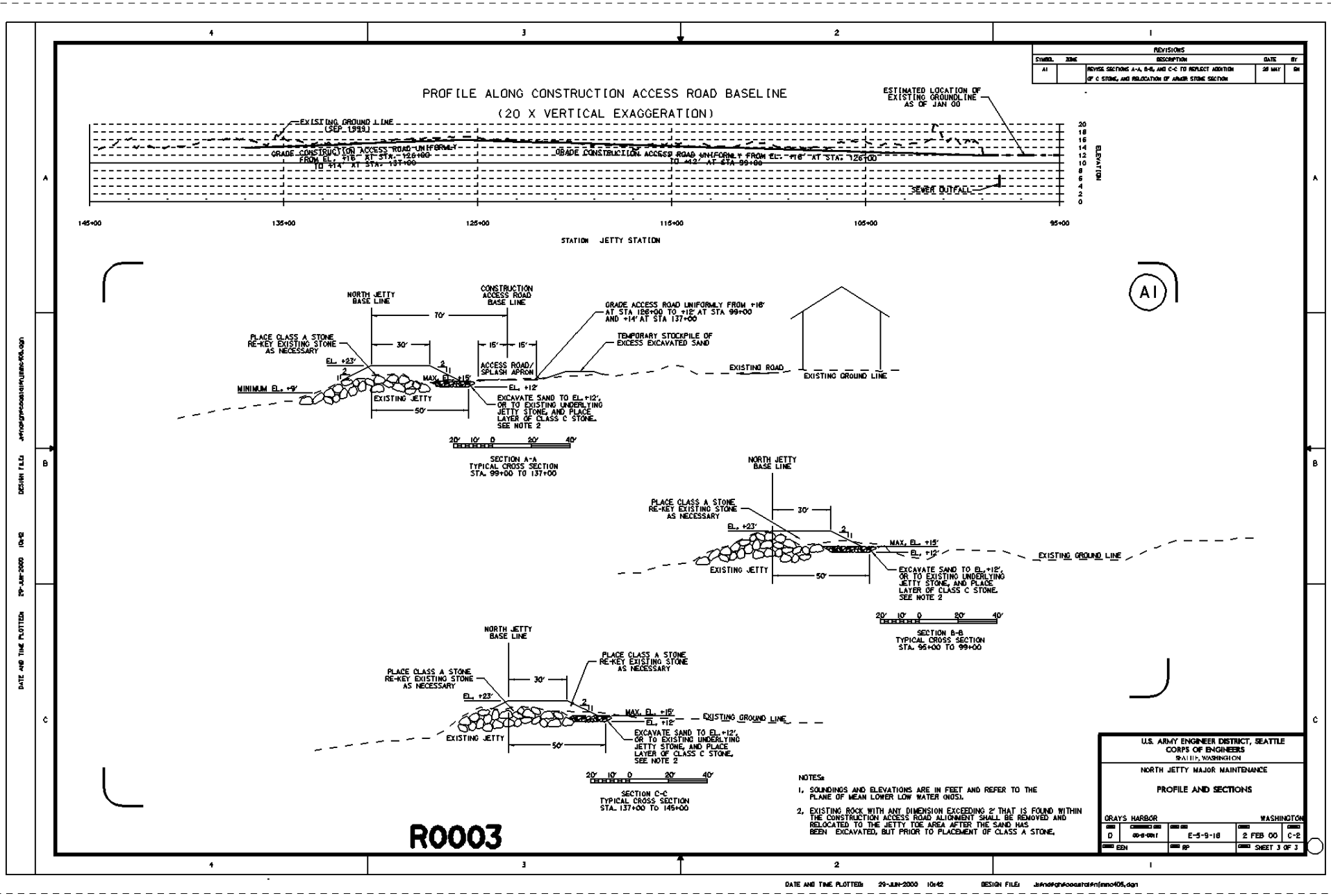
REVISIONS
SYMBOL ZONE DESCRIPTION DATE BY
A1 REVISE SECTIONS A-A, B-B, AND C-C TO REFLECT ADDITION OF C STONE, AND RELOCATION OF ARMOR STONE SECTION 26 MAY
PROFILE ALONG CONSTRUCTION ACCESS ROAD BASELINE
(20 X VERTICAL EXAGGERATION)
EXISTING GROUND LINE (SEP. 1999)
ESTIMATED LOCATION OF EXISTING GROUNDLINE AS OF JAN 00
GRADE CONSTRUCTION ACCESS ROAD UNIFORMLY FROM EL. +16' AT STA. 126+00 TO +14' AT STA. 137+00
GRADE CONSTRUCTION ACCESS ROAD UNIFORMLY FROM EL. +16' AT STA. 126+00 TO +12' AT STA. 99+00
SEWER OUTFALL
ELEVATION
STATION JETTY STATION
145+00
135+00
125+00
115+00
105+00
95+00
NORTH JETTY BASE LINE
CONSTRUCTION ACCESS ROAD BASE LINE
70'
30'
15'
15'
PLACE CLASS A STONE RE-KEY EXISTING STONE AS NECESSARY
EL. +23'
MINIMUM EL. +9'
EXISTING JETTY
50'
MAX. EL. +15'
EL. +12'
ACCESS ROAD/ SPLASH APRON
GRADE ACCESS ROAD UNIFORMLY FROM +16' AT STA 126+00 TO +12' AT STA 99+00 AND +14' AT STA 137+00
TEMPORARY STOCKPILE OF EXCESS EXCAVATED SAND
EXISTING ROAD
EXISTING GROUND LINE
EXCAVATE SAND TO EL. +12', OR TO EXISTING UNDERLYING JETTY STONE, AND PLACE LAYER OF CLASS C STONE. SEE NOTE 2
20' 10' 0 20' 40'
SECTION A-A
TYPICAL CROSS SECTION
STA. 99+00 TO 137+00
A1
NORTH JETTY BASE LINE
PLACE CLASS A STONE RE-KEY EXISTING STONE AS NECESSARY
30'
EL. +23'
MAX. EL. +15'
EL. +12'
EXISTING GROUND LINE
EXISTING JETTY
50'
EXCAVATE SAND TO EL. +12', OR TO EXISTING UNDERLYING JETTY STONE, AND PLACE LAYER OF CLASS C STONE. SEE NOTE 2
20' 10' 0 20' 40'
SECTION B-B
TYPICAL CROSS SECTION
STA. 95+00 TO 99+00
NORTH JETTY BASE LINE
PLACE CLASS A STONE RE-KEY EXISTING STONE AS NECESSARY
PLACE CLASS A STONE RE-KEY EXISTING STONE AS NECESSARY
30'
EL. +23'
MAX. EL. +15'
EL. +12'
EXISTING GROUND LINE
EXISTING JETTY
50'
EXCAVATE SAND TO EL. +12', OR TO EXISTING UNDERLYING JETTY STONE, AND PLACE LAYER OF CLASS C STONE. SEE NOTE 2
20' 10' 0 20' 40'
SECTION C-C
TYPICAL CROSS SECTION
STA. 137+00 TO 145+00
NOTES:
1. SOUNDINGS AND ELEVATIONS ARE IN FEET AND REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW).
2. EXISTING ROCK WITH ANY DIMENSION EXCEEDING 2' THAT IS FOUND WITHIN THE CONSTRUCTION ACCESS ROAD ALIGNMENT SHALL BE REMOVED AND RELOCATED TO THE JETTY TOE AREA AFTER THE SAND HAS BEEN EXCAVATED, BUT PRIOR TO PLACEMENT OF CLASS A STONE.
U.S. ARMY ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON
NORTH JETTY MAJOR MAINTENANCE
PROFILE AND SECTIONS
GRAYS HARBOR
WASHINGTON
D
E-5-9-18
2 FEB 00
C-2
EEN
RP
SHEET 3 OF 3
R0003
DATE AND TIME PLOTTED: 29-JUN-2000 10:42
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FIGURE 2