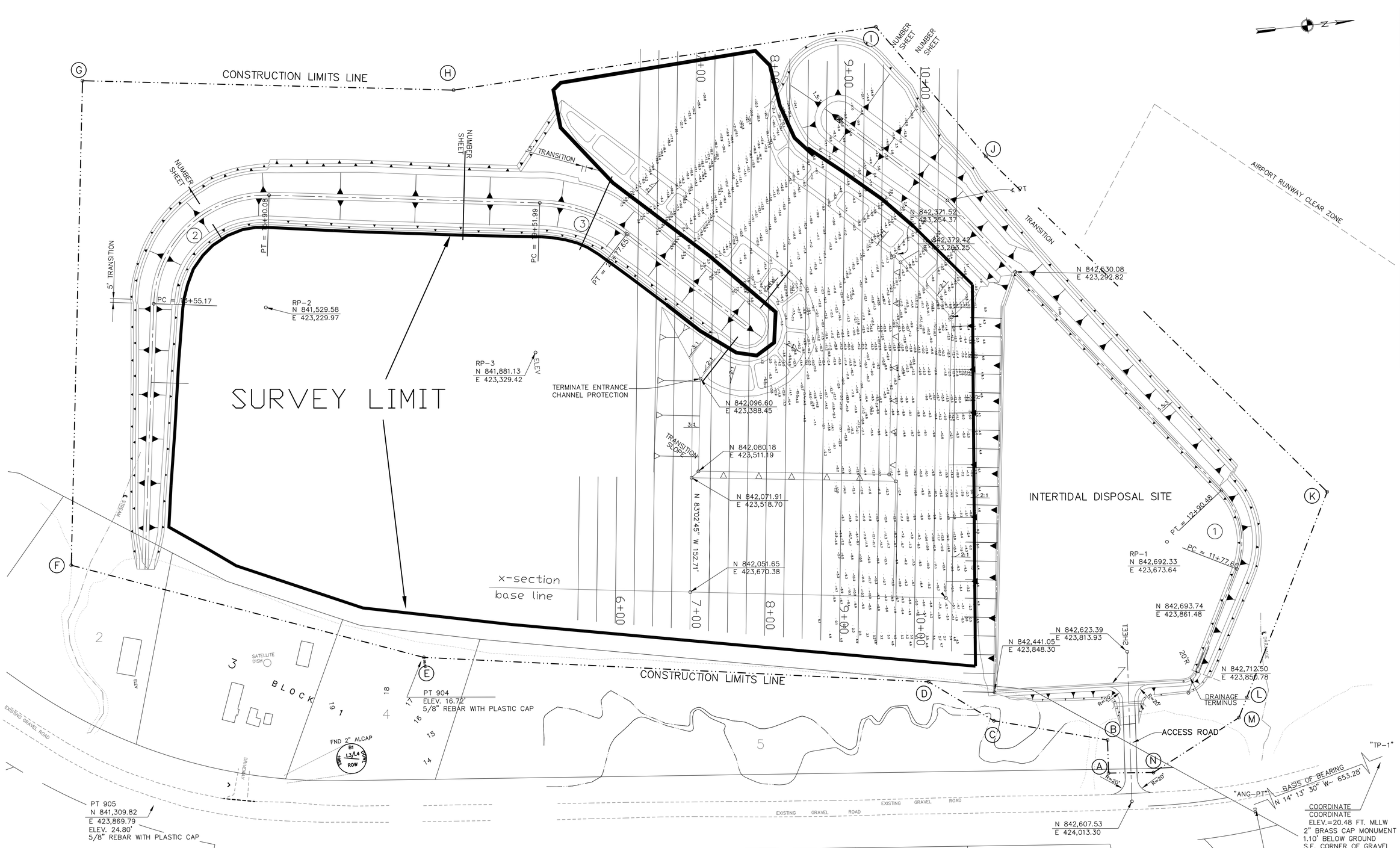

NORTH BREAKWATER ALIGNMENT

STATION	NORTHING	EASTING
10+00	N 842,698.59	E 423,877.36
PC-1 11+77.60	N 842,780.93	E 423,720.00
PT-1 12+90.48	N 842,772.13	E 423,613.38
∢PT 17+24.37	N 842,450.84	E 423,187.87
20+02.97	N 842,318.90	E 423,064.32

SOUTH BREAKWATER ALIGNMENT

STATION	NORTHING	EASTING
10+00	N 841,330.45	E 423,560.11
PC-2 13+55.17	N 841,381.11	E 423,208.57
PT-2 15+90.08	N 841,550.27	E 423,081.40
PC-3 19+51.99	N 841,908.72	E 423,131.33
PT-3 20+77.65	N 842,019.89	E 423,185.38
22+79.27	N 842,165.09	E 423,325.26

CONSTRUCTION BOUNDARY TABLE

STATION	NORTHING	EASTING
COR A	N 842,580.70	E 423,972.33
COR B	N 842,584.17	E 423,928.25
COR C	N 842,436.00	E 423,886.00
COR D	N 842,355.16	E 423,824.72
COR E (PT 904)	N 841,688.07	E 423,718.09
COR F	N 841,233.07	E 423,543.80
COR G	N 841,319.22	E 422,901.90
COR H	N 841,810.88	E 422,968.89
COR I	N 842,381.27	E 422,946.86
COR J	N 842,508.27	E 423,135.03
COR K	N 842,912.50	E 423,630.77
COR L	N 842,775.61	E 423,892.08
COR M	N 842,762.06	E 423,917.82
COR N	N 842,640.43	E 423,978.15

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	DELTA
1	100'	112.88'	63.31'	64°40'38"
2	150'	234.91'	149.29'	89°43'45"
3	200'	125.66'	64.98'	35°59'59"

SURVEY CONTROL

1. BASIS OF COORDINATES IS ASSUMED TO BE USC&GS CONTROL STATION "LIGHT 1924". ALASKA STATE PLANE COORDINATES, NAD 27, ZONE 6, Y=843,994.51, X=422,556.16. THE LIGHTHOUSE HAS BEEN DISMANTLED, BUT A PK NAIL WAS SET IN THE CENTER OF THE 4-FOOT SQUARE CONCRETE BASE. BASIS OF BEARING IS BETWEEN WCMC 2, U.S.S. 2151, AND CORNER 3, U.S.S. 1422. DATE OF SURVEY 8/5/1996.

2. PROJECT HORIZONTAL CONTROL POINTE ARE "TP-1" A 2' BRASS CAP AND "ANG-PNT", A 5/8"ø REBAR , WITH COORDINATES AND LOCATIONS AS SHOWN HEREON.

3. VERTICAL CONTROL IS BASED ON USC&GS BENCH MARK "BM-9 1964" HAVING AN ELEVATION OF 18.76 FEET MLLW.

4. PROJECT VERTICAL IS MONUMENT "TP-1", A 2" BRASS CAP HAVING AN ELEVATION OF 20.48 FEET MLLW AND A LOCATION AS SHOWN HEREON.

NOTES:

LEGEND

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

CONTRACT NO.
CONTRACTOR
CITY STATE
Recommended: Approved:
PRIME CONTRACTOR RESIDENT ENGINEER

Symbol	Action	Description	Date	Appvd

Designed: Drawn:
Reviewed:
Chief,HYDRAULICS HYDROLOGY Section
Submitted:
Chief, Div-Off Branch
Date: 12/20/03
Scale: 1" = 100'
File Name: 12/fls/03/pay estimate. dwg

TWA SURVEYING
11400 OLD SEWARD HIGHWAY
ANCHORAGE, ALASKA
PHONE 344-5990 FAX 344-7794

CHIGNIK, ALASKA
CHIGNIK SMALL BOAT HARBOR
DECEMBER 15,2003 INTERIM SURVEY

SITE AND SURVEY CONTROL PLAN

Reference number:

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