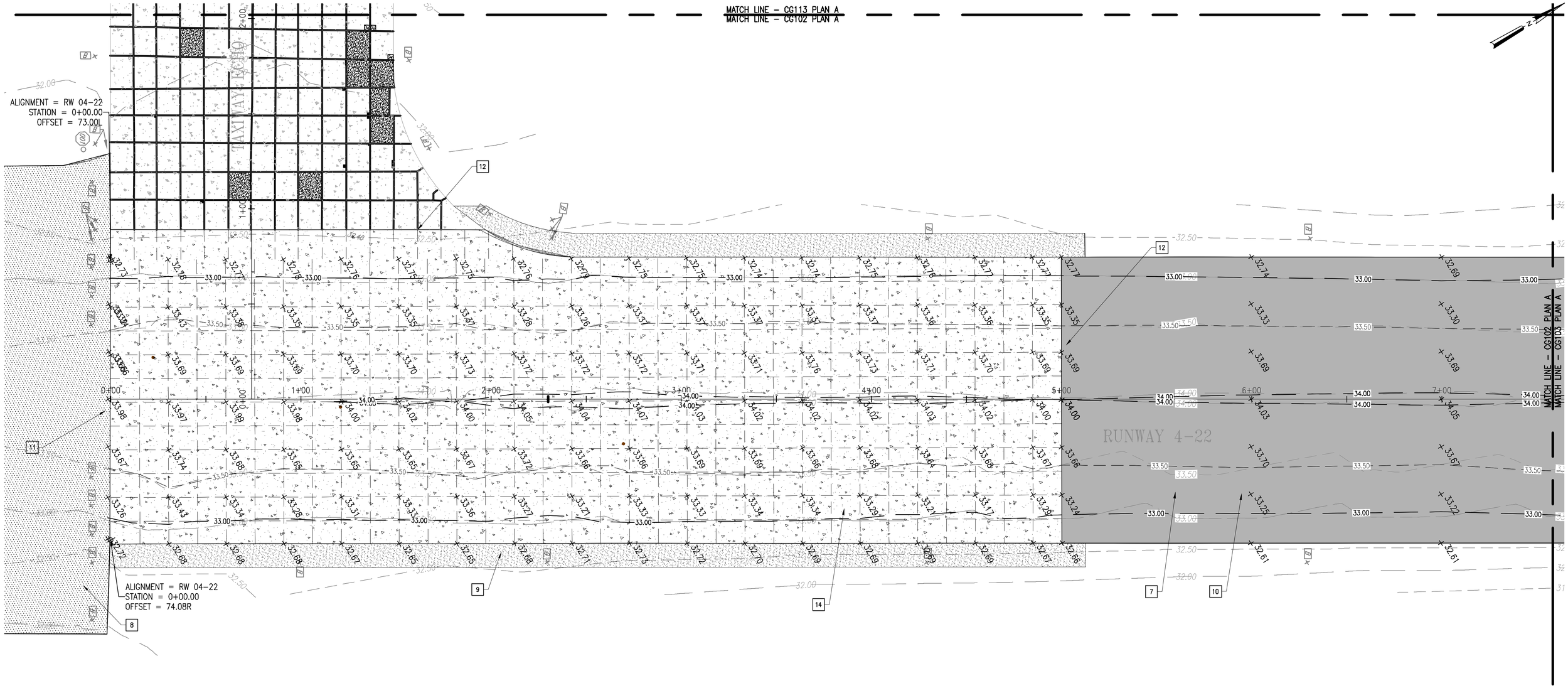
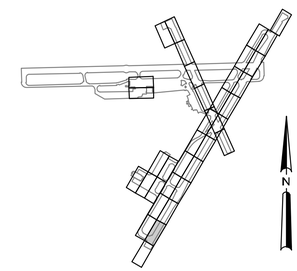



# A GRADING PLAN (1 OF 32)

1" = 25'



## B KEY PLAN

NTS

CG102

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15

SUBMITTED BY
PROJECT MANAGER

NASA SAFETY

FIRE PROTECTION

CONSTRUCTION MANAGEMENT

O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER

BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')

AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1

SCALE 1" = 25'

SHEET 50 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17237

MATCH LINE – CG114 PLAN A
MATCH LINE – CG103 PLAN A

MATCH LINE – CG102 PLAN A
MATCH LINE – CG103 PLAN A

MATCH LINE – CG103 PLAN A
MATCH LINE – CG104 PLAN A

ALIGNMENT = RW 04–22
STATION = 14+26.38
OFFSET = 74.60L

ALIGNMENT = RW 04–22
STATION = 14+24.25
OFFSET = 77.84R

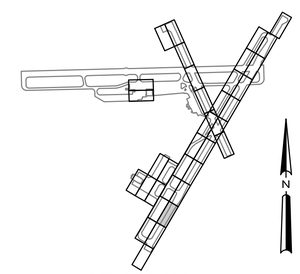
RUNWAY 4–22

8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00

9 7 10

# A GRADING PLAN (2 OF 32)

1" = 25'



# B KEY PLAN

NTS

CG103

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 51 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17238

MATCH LINE – CG115 PLAN A
MATCH LINE – CG104 PLAN A

ALIGNMENT = RW 04–22
STATION = 18+36.57
OFFSET = 170.22L

ALIGNMENT = RW 04–22
STATION = 18+79.53
OFFSET = 169.33L

ALIGNMENT = RW 04–22
STATION = 19+35.13
OFFSET = 163.57L

ALIGNMENT = RW 04–22
STATION = 20+12.43
OFFSET = 163.39L

ALIGNMENT = RW 04–22
STATION = 18+80.57
OFFSET = 109.71L

ALIGNMENT = RW 04–22
STATION = 18+36.10
OFFSET = 110.38L

REINSTALL EXISTING
METAL COVERS

ALIGNMENT = RW 04–22
STATION = 23+36.89
OFFSET = 74.67L

ALIGNMENT = RW 04–22
STATION = 23+26.30
OFFSET = 75.38R

ALIGNMENT = RW 04–22
STATION = 18+28.39
OFFSET = 112.82R

ALIGNMENT = RW 04–22
STATION = 18+72.32
OFFSET = 114.63R

ALIGNMENT = RW 04–22
STATION = 18+28.76
OFFSET = 175.57R

ALIGNMENT = RW 04–22
STATION = 18+73.45
OFFSET = 173.67R

MATCH LINE – CG103 PLAN A
MATCH LINE – CG104 PLAN A

MATCH LINE – CG104 PLAN A
MATCH LINE – CG105 PLAN A

16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00

RUNWAY 4-22

TAXIWAY GOLF

## A GRADING PLAN (3 OF 32)

1" = 25'

## B KEY PLAN

NTS

CG104

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 52 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17239

MATCH LINE – CG116 PLAN A
MATCH LINE – CG105 PLAN A

MATCH LINE – CG104 PLAN A
MATCH LINE – CG105 PLAN A

MATCH LINE – CG105 PLAN A
MATCH LINE – CG106 PLAN A

24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00

RUNWAY 4-22

7
10

## A GRADING PLAN (4 OF 32)

1" = 25'

## B KEY PLAN

NTS

CG105

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 53 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17240

MATCH LINE – CG117 PLAN A
MATCH LINE – CG106 PLAN A

MATCH LINE – CG105 PLAN A
MATCH LINE – CG106 PLAN A

MATCH LINE – CG106 PLAN A
MATCH LINE – CG107 PLAN A

RUNWAY 4-22

32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00

7 10

## A GRADING PLAN (5 OF 32)

1" = 25'

## B KEY PLAN

NTS

CG106

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — Howard H. Hamlett — 5/22/15
SUBMITTED BY — PROJECT MANAGER

NASA SAFETY — Julius C. Polite Jr.
FIRE PROTECTION — Julius C. Polite Jr.

CONSTRUCTION MANAGEMENT — Mike Clayton
O & M — Jack Dale

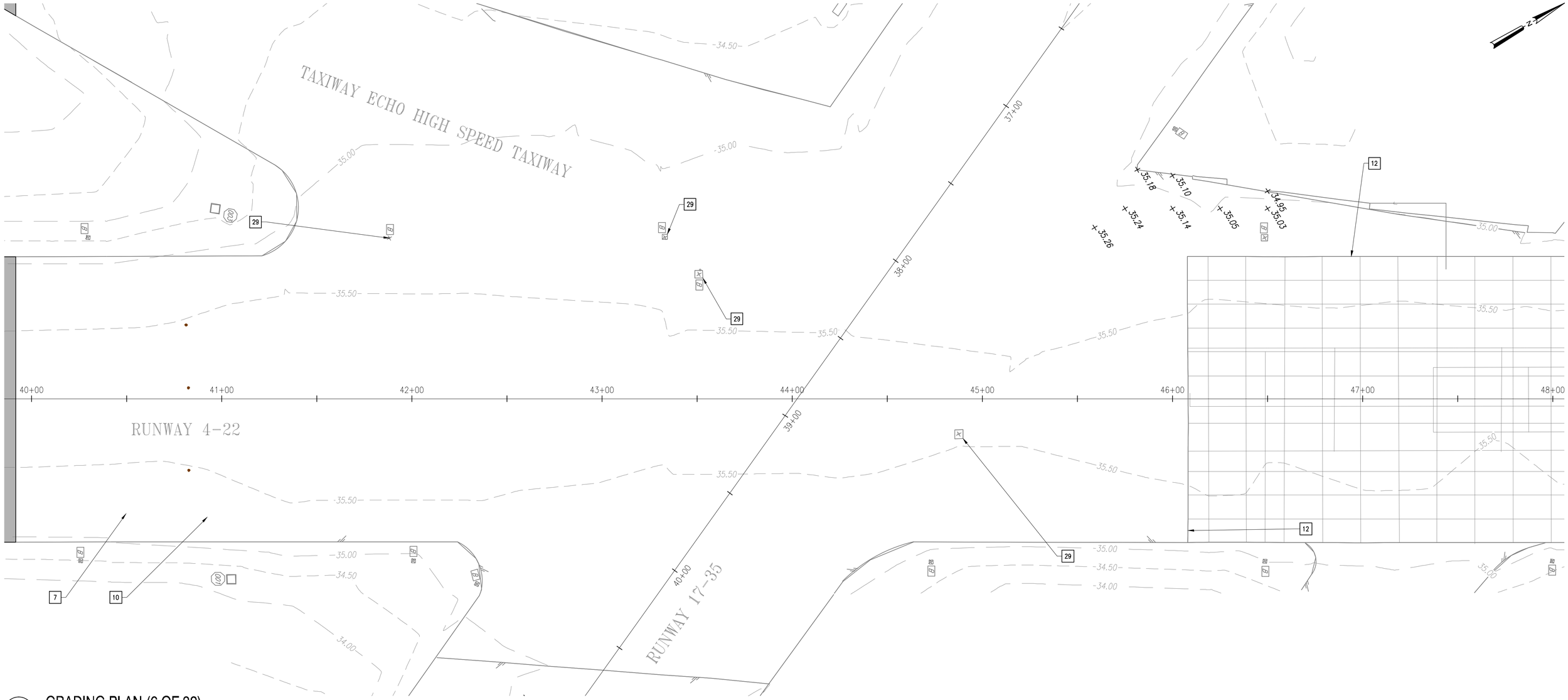
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — Glenn D. Kelly — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 54 OF 171

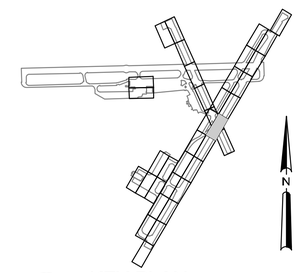
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17241




A GRADING PLAN (6 OF 32)
1" = 25'




B KEY PLAN
NTS

CG107

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

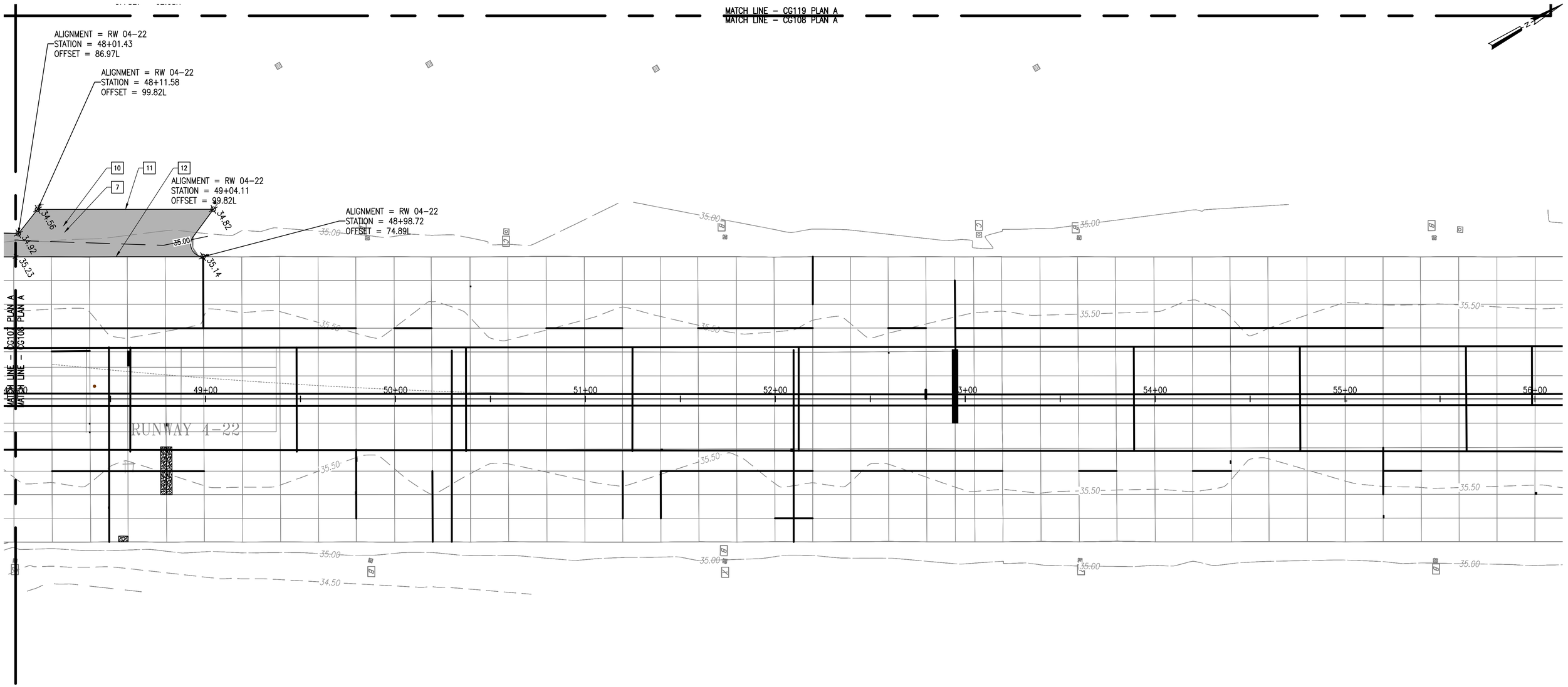
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 55 OF 171

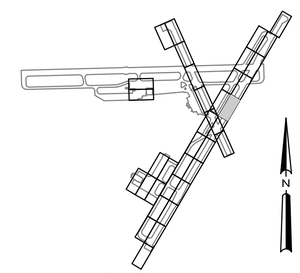
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17242




A GRADING PLAN (7 OF 32)
1" = 25'




B KEY PLAN
NTS

CG108

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 56 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17243

MATCH LINE – CG121 PLAN A
MATCH LINE – CG110 PLAN A

MATCH LINE – CG111 PLAN A

RUNWAY 10–28

RUNWAY 4–22

ALIGNMENT = RW 04–22
STATION = 68+37.83
OFFSET = 81.15L

ALIGNMENT = RW 04–22
STATION = 68+41.76
OFFSET = 74.99L

ALIGNMENT = RW 04–22
STATION = 70+92.27
OFFSET = 75.21L

ALIGNMENT = RW 04–22
STATION = 72+16.38
OFFSET = 143.92L

ALIGNMENT = RW 04–22
STATION = 72+15.33
OFFSET = 110.36L

ALIGNMENT = RW 04–22
STATION = 70+92.23
OFFSET = 75.89R

ALIGNMENT = RW 04–22
STATION = 70+62.37
OFFSET = 100.00R

ALIGNMENT = RW 04–22
STATION = 71+89.83
OFFSET = 111.35R

ALIGNMENT = RW 04–22
STATION = 72+11.94
OFFSET = 167.58R

65+00 66+00 67+00 68+00 69+00 70+00 71+00 72+00

B KEY PLAN
NTS

A GRADING PLAN (8 OF 32)
1" = 25'

CG110

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 57 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17244

MATCH LINE – CG122 PLAN A
MATCH LINE – CG111 PLAN A

ALIGNMENT = TW ECHO
STATION = 83+90.44
OFFSET = 77.69L
ALIGNMENT = TW ECHO
STATION = 83+76.21
OFFSET = 72.04R
ALIGNMENT = TW ECHO
STATION = 84+04.47
OFFSET = 74.11R

ALIGNMENT = TW ECHO
STATION = 84+98.53
OFFSET = 163.72R

ALIGNMENT = RW 04–22
STATION = 77+59.78
OFFSET = 74.74L

ALIGNMENT = RW 04–22
STATION = 77+34.15
OFFSET = 74.41L

ALIGNMENT = RW 04–22
STATION = 72+59.25
OFFSET = 143.27L

ALIGNMENT = RW 04–22
STATION = 72+59.95
OFFSET = 109.76L

ALIGNMENT = RW 04–22
STATION = 72+25.93
OFFSET = 52.06L

ALIGNMENT = RW 04–22
STATION = 72+41.86
OFFSET = 52.01L

ALIGNMENT = RW 04–22
STATION = 72+41.72
OFFSET = 52.23R

ALIGNMENT = RW 04–22
STATION = 72+25.74
OFFSET = 52.21R

ALIGNMENT = RW 04–22
STATION = 72+50.81
OFFSET = 112.37R

ALIGNMENT = RW 04–22
STATION = 72+54.04
OFFSET = 180.68R

ALIGNMENT = RW 04–22
STATION = 72+30.63
OFFSET = 192.35R

ALIGNMENT = RW 04–22
STATION = 77+23.94
OFFSET = 75.02R

ALIGNMENT = TW ECHO
STATION = 84+98.78
OFFSET = 75.76L

ALIGNMENT = RW 04–22
STATION = 79+99.25
OFFSET = 74.50L

TAXIWAY ECHO

MATCH LINE – CG110 PLAN A
MATCH LINE – CG112 PLAN A

74+00 75+00 76+00 78+00 79+00 80+00

KEY PLAN
NTS

A GRADING PLAN (9 OF 32)
1" = 25'

CG111

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 58 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:
DRAWING NO. 17245

ALIGNMENT = RW 04-22
STATION = 82+49.45
OFFSET = 74.74L

ALIGNMENT = RW 04-22
STATION = 87+49.45
OFFSET = 75.00L

MATCH LINE - CG112 PLAN A

MATCH LINE - CG112 PLAN A

81+00 82+00 83+00 84+00 85+00 86+00 87+00 87+4

ALIGNMENT = RW 04-22
STATION = 87+49.45
OFFSET = 97.03R

28

ALIGNMENT = RW 04-22
STATION = 82+49.45
OFFSET = 75.06R

9

14

ALIGNMENT = RW 04-22
STATION = 84+65.87
OFFSET = 75.00R

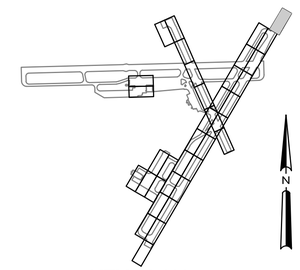
ALIGNMENT = RW 04-22
STATION = 85+12.15
OFFSET = 90.11R

ALIGNMENT = RW 04-22
STATION = 86+39.62
OFFSET = 163.46R

ALIGNMENT = RW 04-22
STATION = 87+11.98
OFFSET = 161.97R

## A GRADING PLAN (10 OF 32)

1" = 25'



## B KEY PLAN

NTS

CG112

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

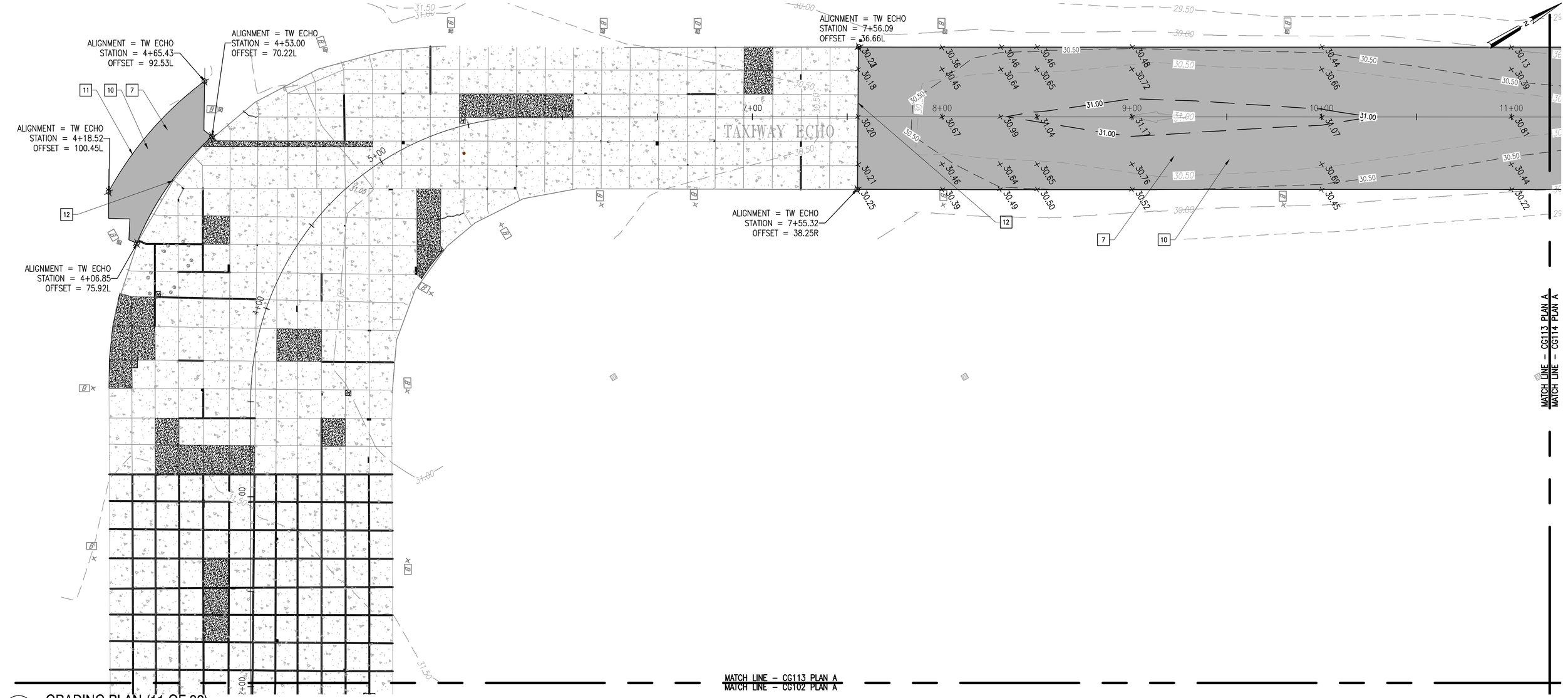
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 59 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17246




A GRADING PLAN (11 OF 32)
1" = 25'

B KEY PLAN
NTS

CG113

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

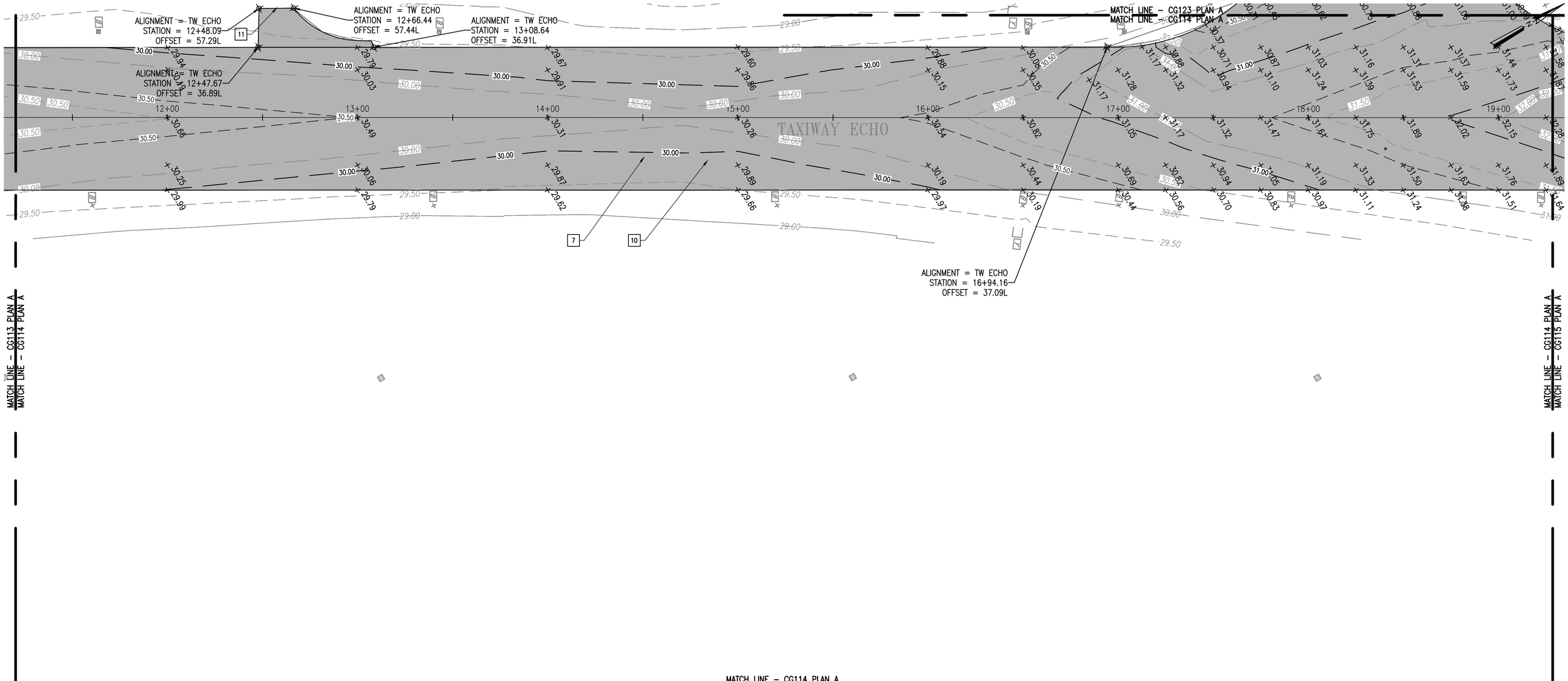
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 60 OF 171

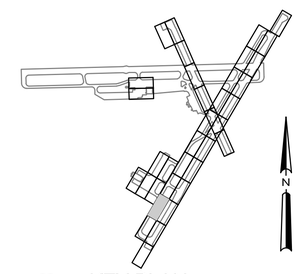
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17247




A GRADING PLAN (12 OF 32)
1" = 25'



B KEY PLAN
NTS

CG114

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

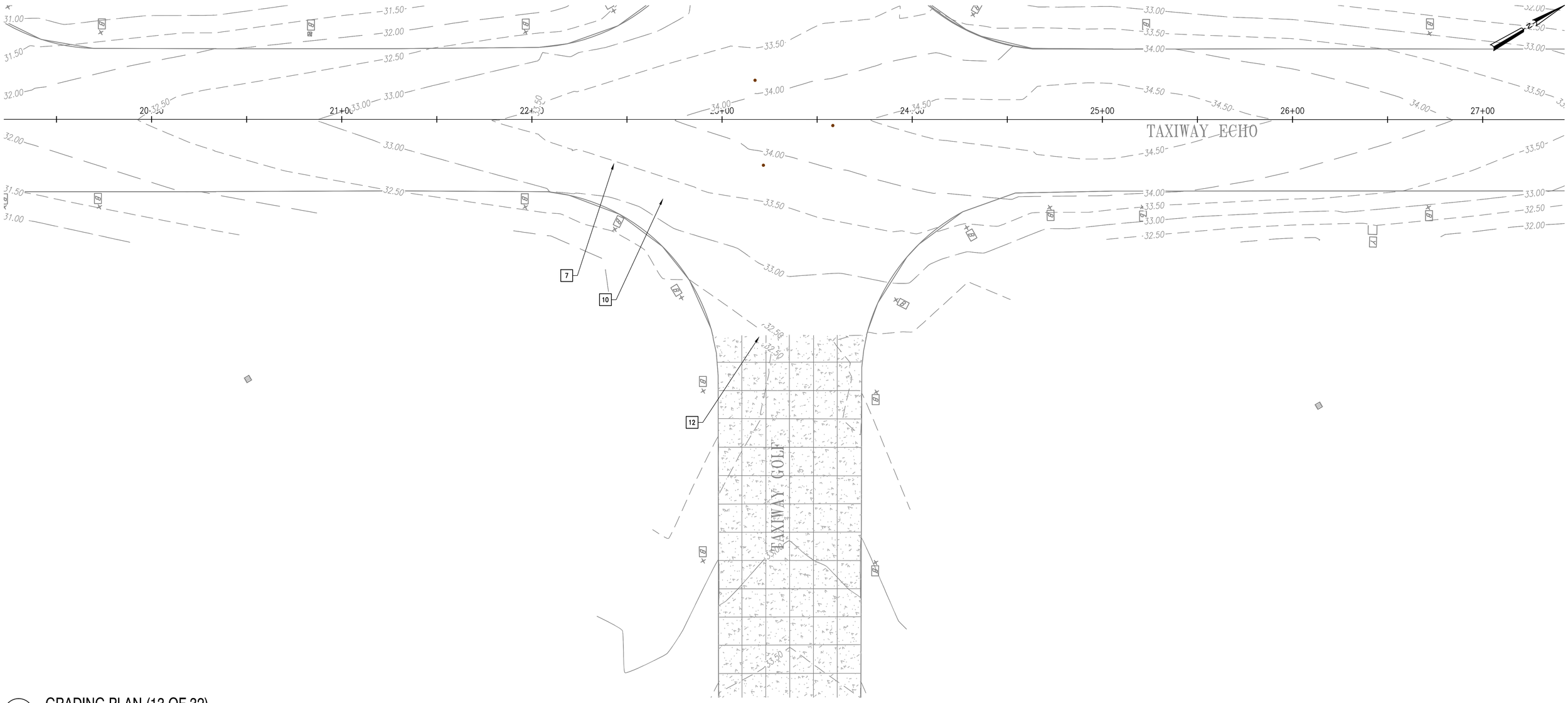
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 61 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

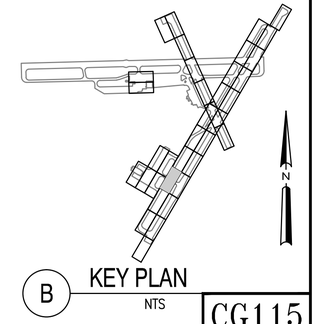
PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17248




A GRADING PLAN (13 OF 32)

1" = 25'



B KEY PLAN

NTS

CG115

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15

SUBMITTED BY
PROJECT MANAGER

NASA SAFETY

FIRE PROTECTION

CONSTRUCTION MANAGEMENT

O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER

BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 0' 25' 50'
1"=25'

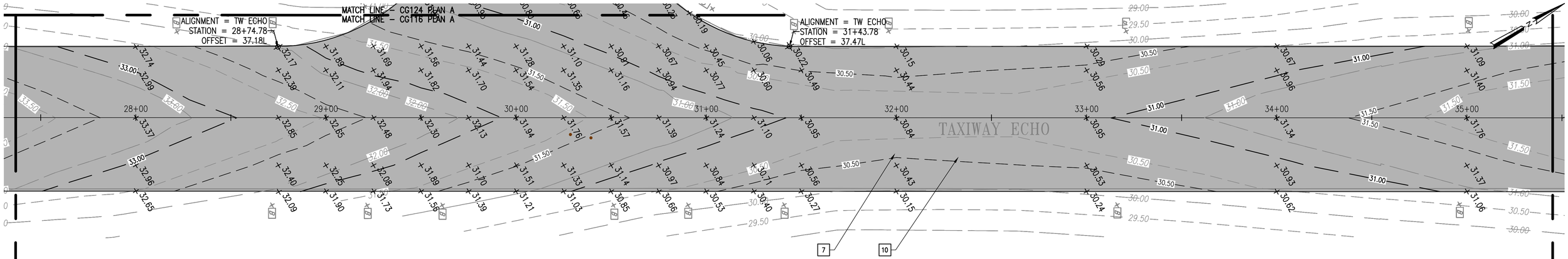
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1

SCALE 1" = 25'
SHEET 62 OF 171

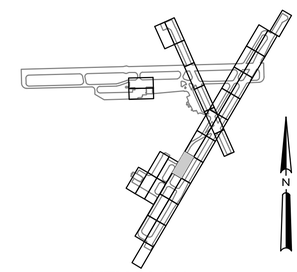
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17249




A GRADING PLAN (14 OF 32)
1" = 25'



B KEY PLAN
NTS

CG116

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

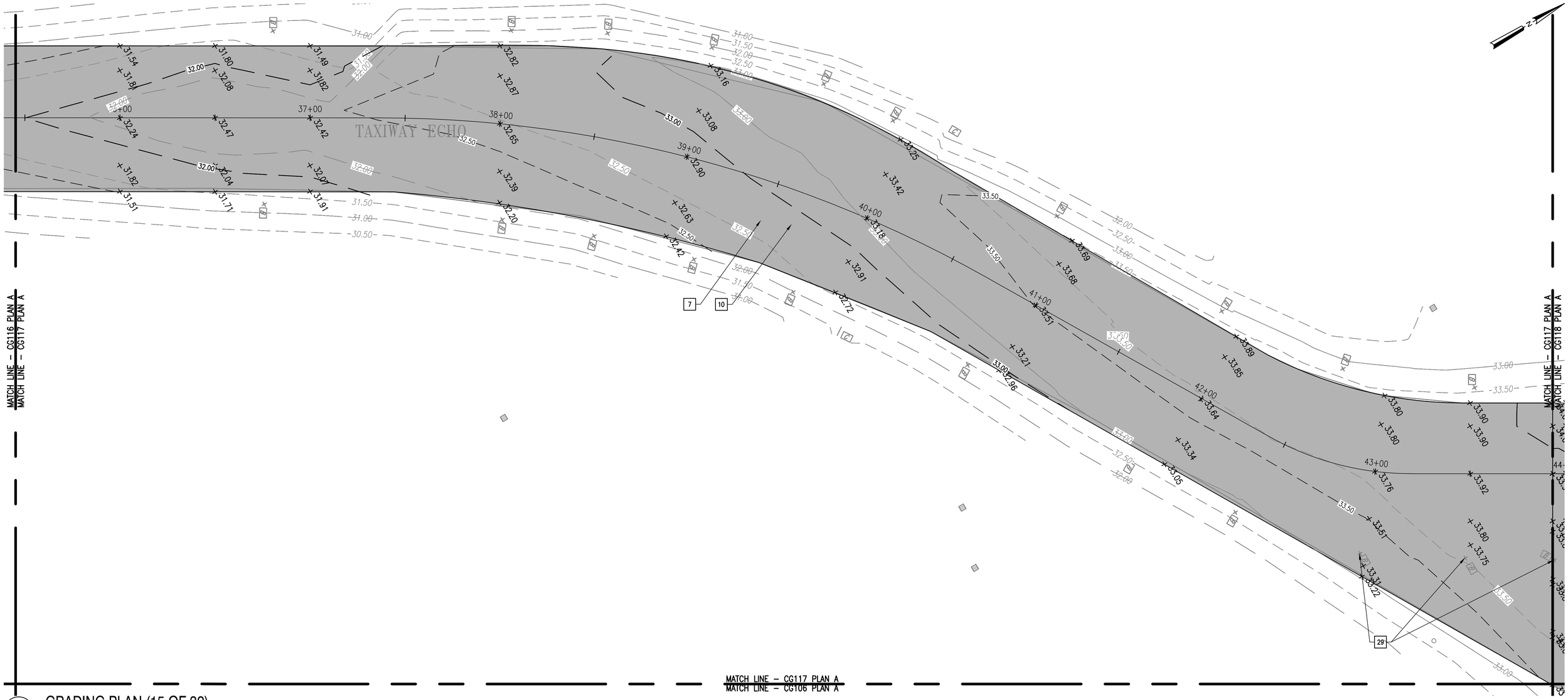
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 63 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17250

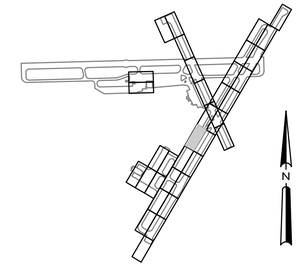
MATCH LINE – CG116 PLAN A
MATCH LINE – CG117 PLAN A




MATCH LINE – CG117 PLAN A
MATCH LINE – CG118 PLAN A

MATCH LINE – CG117 PLAN A
MATCH LINE – CG106 PLAN A

A GRADING PLAN (15 OF 32)
1" = 25'



B KEY PLAN
NTS

CG117

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 64 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
GRADING PLAN

PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17251

MATCH LINE – CG117 PLAN A
MATCH LINE – CG118 PLAN A

MATCH LINE – CG133 PLAN A
MATCH LINE – CG118 PLAN A

MATCH LINE – CG118 PLAN A
MATCH LINE – CG119 PLAN A

MATCH LINE – CG118 PLAN A
MATCH LINE – CG107 PLAN A

ALIGNMENT = RW 17–35
STATION = 33+24.39
OFFSET = 75.60R

ALIGNMENT = RW 17–35
STATION = 33+36.14
OFFSET = 103.44R

ALIGNMENT = RW 17–35
STATION = 34+05.71
OFFSET = 105.85R

ALIGNMENT = RW 17–35
STATION = 34+56.32
OFFSET = 75.99R

ALIGNMENT = TW ECHO
STATION = 49+74.92
OFFSET = 56.67L

ALIGNMENT = RW 17–35
STATION = 34+89.53
OFFSET = 75.59R

ALIGNMENT = TW ECHO
STATION = 46+93.22
OFFSET = 61.87L

ALIGNMENT = TW ECHO
STATION = 46+69.04
OFFSET = 36.80L

ALIGNMENT = TW ECHO
STATION = 46+35.88
OFFSET = 36.70L

ALIGNMENT = TW ECHO
STATION = 47+19.16
OFFSET = 61.95L

ALIGNMENT = TW ECHO
STATION = 49+28.24
OFFSET = 37.26L

ALIGNMENT = TW ECHO
STATION = 44+68.22
OFFSET = 37.22R

ALIGNMENT = TW ECHO
STATION = 44+63.67
OFFSET = 40.51R

ALIGNMENT = TW ECHO
STATION = 48+95.72
OFFSET = 37.71R

ALIGNMENT = RW 17–35
STATION = 36+11.99
OFFSET = 75.77R

ALIGNMENT = TW ECHO
STATION = 49+03.63
OFFSET = 42.90R

ALIGNMENT = TW ECHO
STATION = 51+06.73
OFFSET = 37.99R

ALIGNMENT = TW ECHO
STATION = 50+82.76
OFFSET = 51.78R

ALIGNMENT = RW 17–35
STATION = 35+15.15
OFFSET = 75.19L

RUNWAY 17–35

TAXIWAY ECHO

TAXIWAY ECHO HIGH SPEED TAXIWAY

44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00

A GRADING PLAN (16 OF 32)
1" = 25'

B KEY PLAN
NTS

CG118

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 65 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17252

MATCH LINE – CG132 PLAN A
MATCH LINE – CG119 PLAN A

RUNWAY 17-35

ALIGNMENT = RW 17-35
STATION = 32+76.54
OFFSET = 74.68L

ALIGNMENT = TW ECHO
STATION = 52+20.97
OFFSET = 142.72L

ALIGNMENT = TW ECHO
STATION = 52+82.57
OFFSET = 36.92L

ALIGNMENT = TW ECHO
STATION = 53+59.04
OFFSET = 36.76L

ALIGNMENT = TW ECHO
STATION = 54+09.95
OFFSET = 61.91L

ALIGNMENT = TW ECHO
STATION = 55+01.20
OFFSET = 62.19L

ALIGNMENT = TW ECHO
STATION = 55+02.52
OFFSET = 37.39L

TAXIWAY ECHO

ALIGNMENT = TW ECHO
STATION = 53+21.91
OFFSET = 37.68R

ALIGNMENT = TW ECHO
STATION = 53+20.78
OFFSET = 62.68R

ALIGNMENT = TW ECHO
STATION = 54+12.58
OFFSET = 62.90R

ALIGNMENT = TW ECHO
STATION = 54+54.55
OFFSET = 38.00R

MATCH LINE – CG119 PLAN A
MATCH LINE – CG108 PLAN A

MATCH LINE – CG118 PLAN A
MATCH LINE – CG119 PLAN A

MATCH LINE – CG119 PLAN A
MATCH LINE – CG120 PLAN A

A GRADING PLAN (17 OF 32)
1" = 25'

B KEY PLAN
NTS

CG119

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

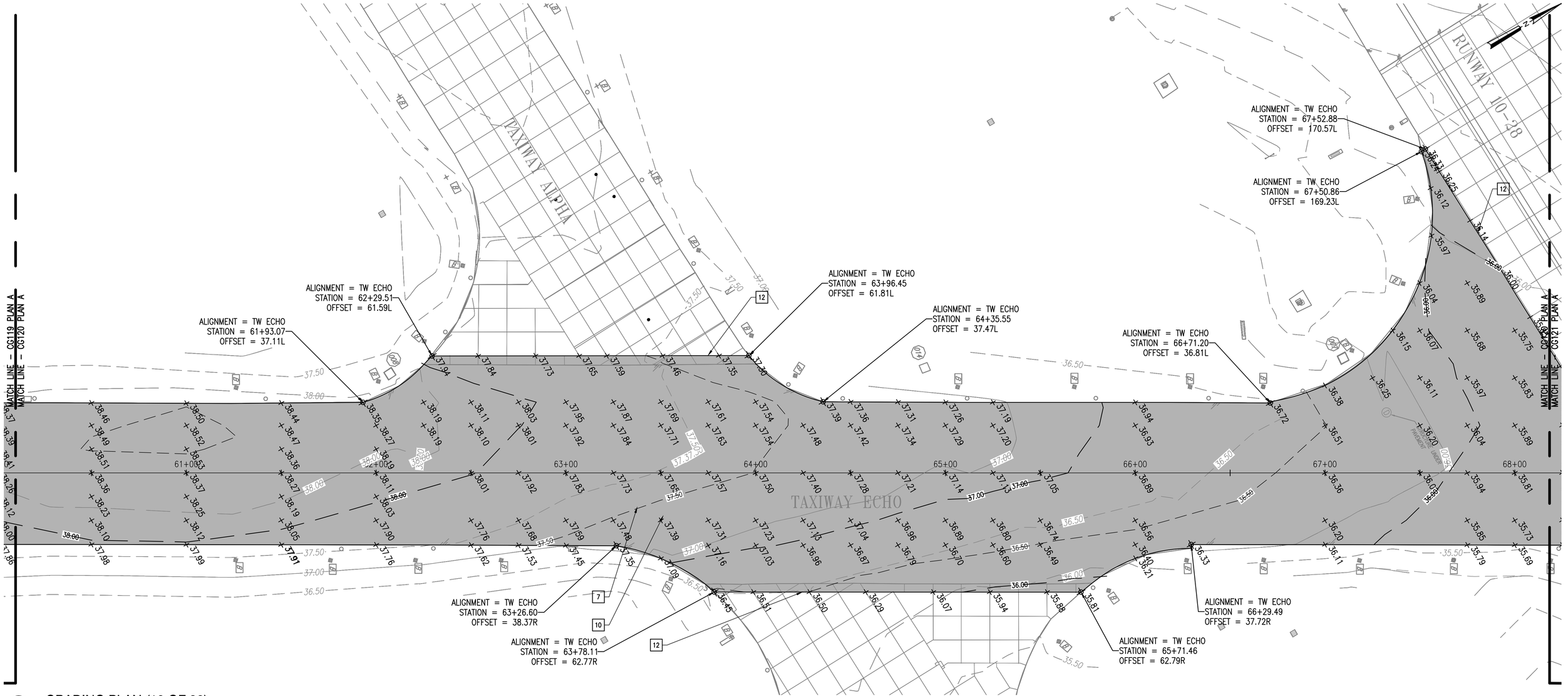
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 66 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

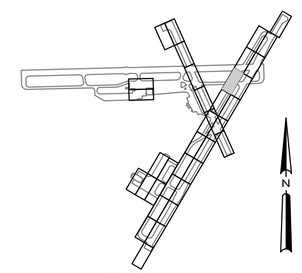
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17253




A GRADING PLAN (18 OF 32)

1" = 25'



B KEY PLAN

NTS

CG120

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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| | | | | |

PROJECT ENGINEER — 5/22/15

SUBMITTED BY — PROJECT MANAGER

NASA SAFETY

FIRE PROTECTION

CONSTRUCTION MANAGEMENT

O & M

ENGINEERING APPROVAL — ENGINEERING GROUP LEADER

BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')

AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1

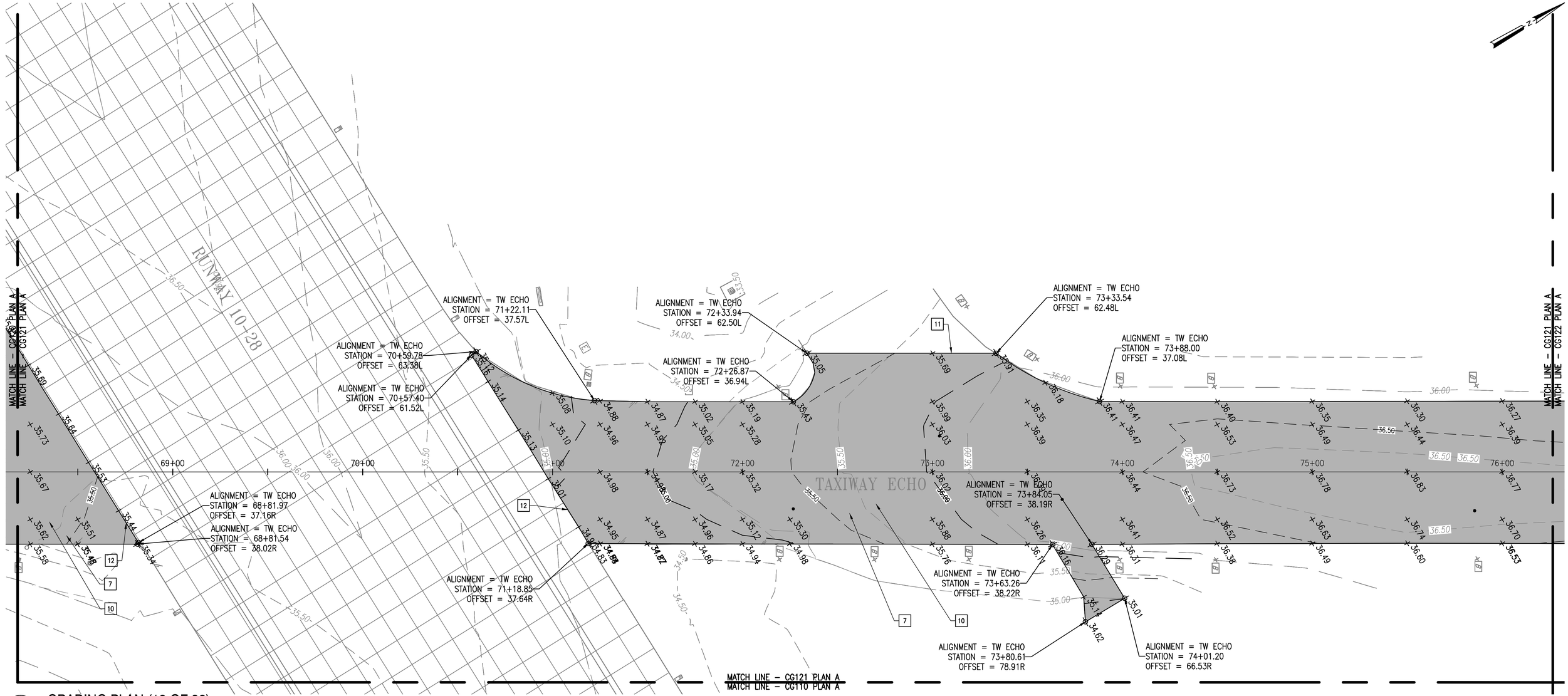
SCALE 1" = 25'

SHEET 67 OF 171

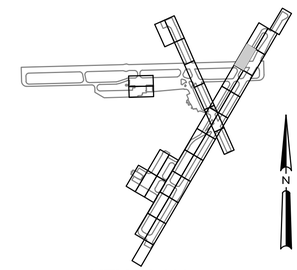
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17254




A GRADING PLAN (19 OF 32)
1" = 25'



B KEY PLAN
NTS

CG121

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 68 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17255

MATCH LINE – CG121 PLAN A
MATCH LINE – CG122 PLAN A

ALIGNMENT = TW ECHO
STATION = 82+57.22
OFFSET = 83.59L

ALIGNMENT = TW ECHO
STATION = 82+29.37
OFFSET = 49.69L

ALIGNMENT = TW ECHO
STATION = 82+75.74
OFFSET = 88.64L

ALIGNMENT = TW ECHO
STATION = 82+80.52
OFFSET = 64.45L

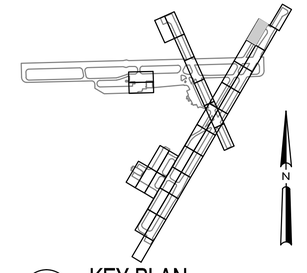
ALIGNMENT = TW ECHO
STATION = 81+56.72
OFFSET = 37.07R

TAXIWAY ECHO

77+00 78+00 79+00 80+00 81+00 82+00 83+00

MATCH LINE – CG122 PLAN A
MATCH LINE – CG111 PLAN A

A GRADING PLAN (20 OF 32)
1" = 25'



B KEY PLAN
NTS

CG122

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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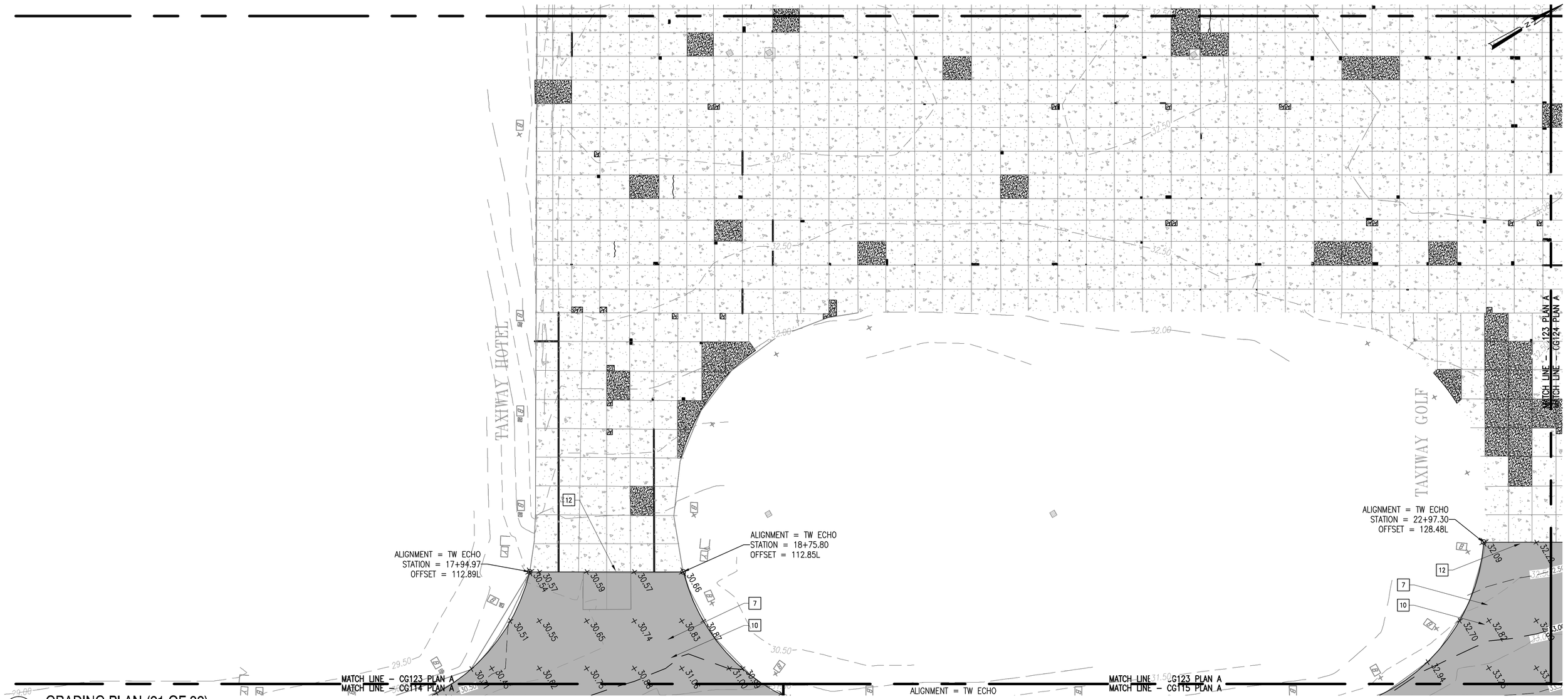
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

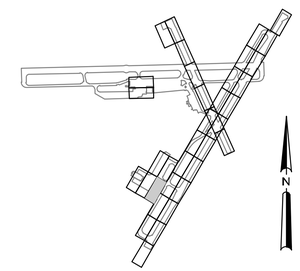
GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 69 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:
DRAWING NO. 17256




A GRADING PLAN (21 OF 32)
1" = 25'



B KEY PLAN
NTS

CG123

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

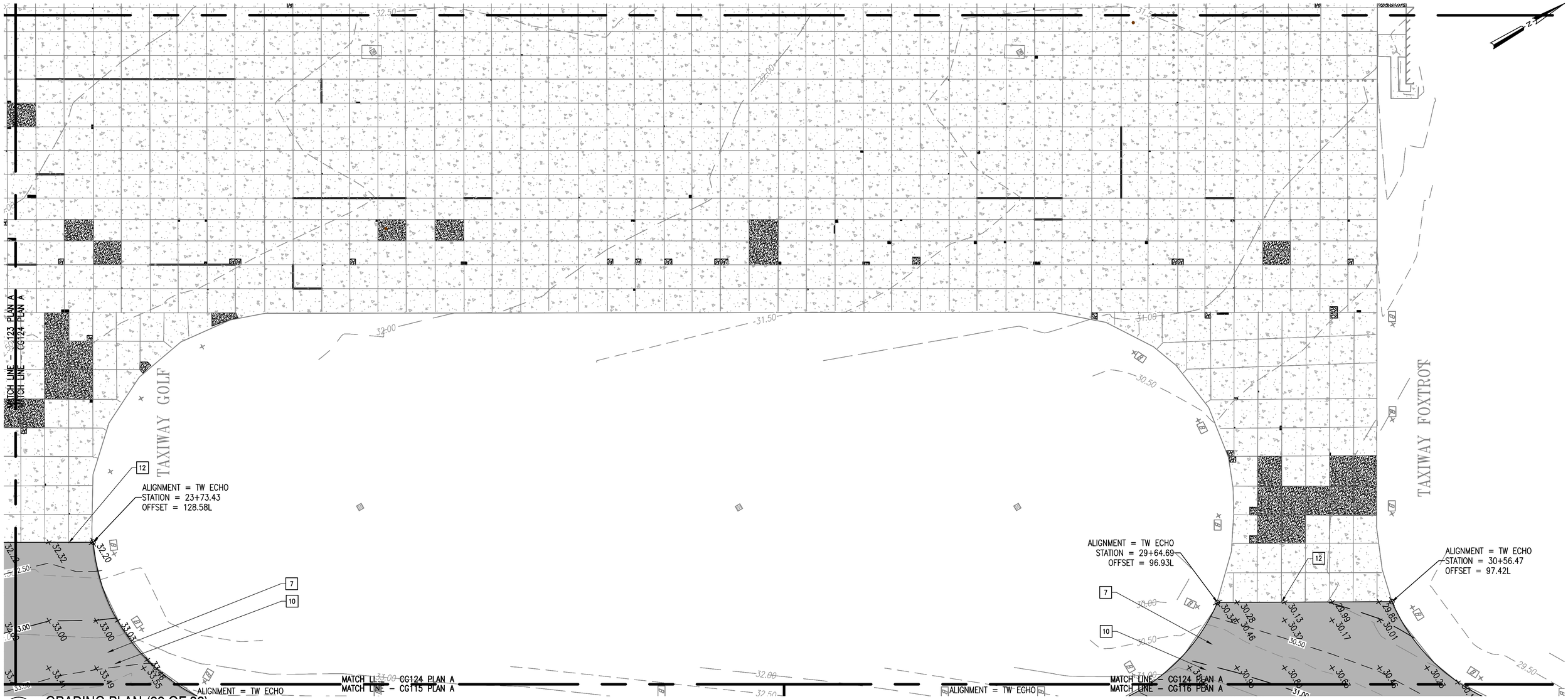
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 70 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

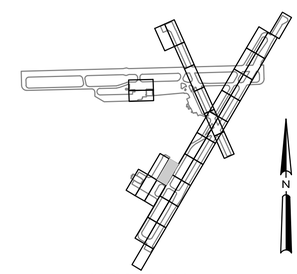
PROJECT NUMBER: 1368232
DR. MVT | DATE:
CK. LMH | REVISED:

DRAWING NO. 17257




A GRADING PLAN (22 OF 32)

1" = 25'



B KEY PLAN

NTS

CG124

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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PROJECT ENGINEER — 5/22/15

SUBMITTED BY — PROJECT MANAGER

NASA SAFETY

FIRE PROTECTION

CONSTRUCTION MANAGEMENT — Nick Clayton

O & M

ENGINEERING APPROVAL — ENGINEERING GROUP LEADER

BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')

AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1

SCALE 1" = 25'

SHEET 71 OF 171

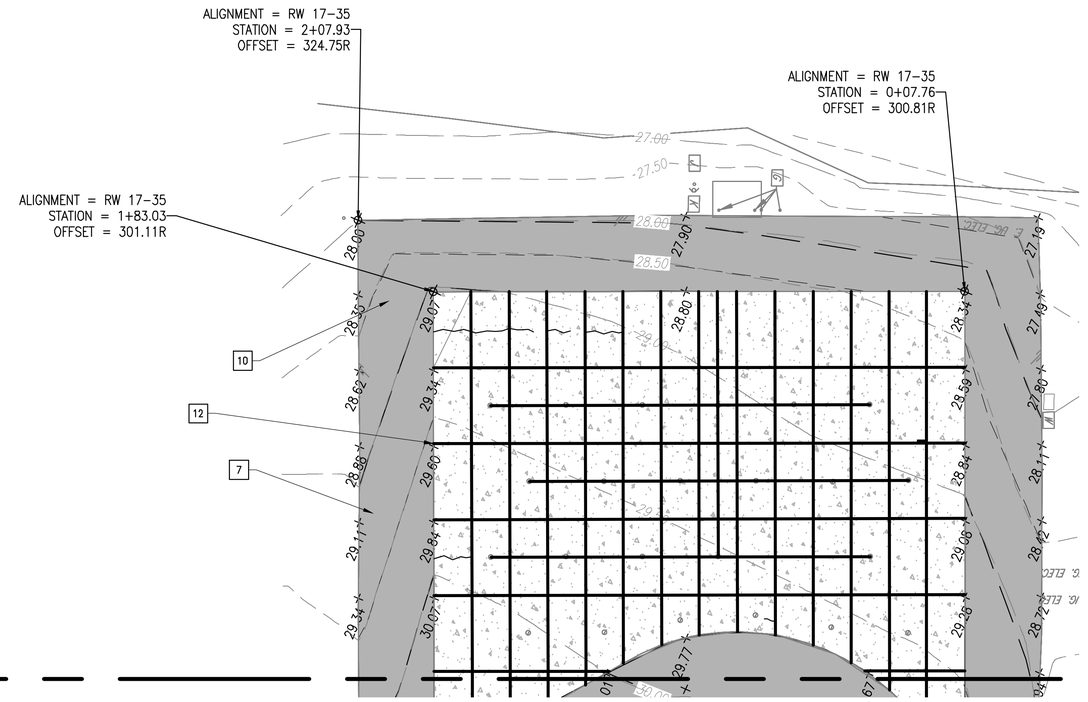
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232

DR. MVT DATE:

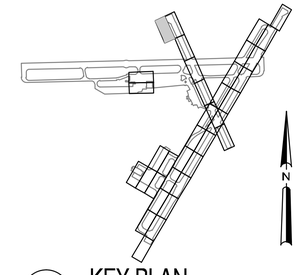
CK. LMH REVISED:

DRAWING NO. 17258




A GRADING PLAN (23 OF 32)

1" = 25'




B KEY PLAN

NTS

CG128

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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| | | | | |

PROJECT ENGINEER — 5/22/15

SUBMITTED BY — PROJECT MANAGER

NASA SAFETY

FIRE PROTECTION

CONSTRUCTION MANAGEMENT

O & M

ENGINEERING APPROVAL — ENGINEERING GROUP LEADER

BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CG1

SCALE 1" = 25'

SHEET 72 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17259

MATCH LINE – CG128 PLAN A
MATCH LINE – CG129 PLAN A

MATCH LINE – CG129 PLAN A
MATCH LINE – CG130 PLAN A

RUNWAY 17-35

ALIGNMENT = RW 17-35
STATION = 2+07.98
OFFSET = 141.04R

ALIGNMENT = RW 17-35
STATION = 1+83.10
OFFSET = 142.48R

ALIGNMENT = RW 17-35
STATION = 0+08.94
OFFSET = 125.50R

ALIGNMENT = RW 17-35
STATION = 3+15.06
OFFSET = 79.58R

ALIGNMENT = RW 17-35
STATION = 4+78.08
OFFSET = 79.04L

ALIGNMENT = RW 17-35
STATION = 5+08.75
OFFSET = 103.61L

ALIGNMENT = RW 17-35
STATION = 3+59.69
OFFSET = 103.95L

ALIGNMENT = RW 17-35
STATION = 3+00.05
OFFSET = 79.11L

ALIGNMENT = RW 17-35
STATION = 0+00.84
OFFSET = 79.18L

## A GRADING PLAN (24 OF 32)

1" = 25'

## B KEY PLAN

NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 73 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17260

CG129

RUNWAY 10-28

RUNWAY 17-35

ALIGNMENT = RW 17-35
STATION = 14+50.03
OFFSET = 86.92R

ALIGNMENT = RW 17-35
STATION = 13+87.81
OFFSET = 121.45R

ALIGNMENT = RW 17-35
STATION = 13+07.95
OFFSET = 122.03R

ALIGNMENT = RW 17-35
STATION = 12+90.80
OFFSET = 79.07R

ALIGNMENT = RW 17-35
STATION = 10+91.61
OFFSET = 78.55L

ALIGNMENT = RW 17-35
STATION = 10+50.32
OFFSET = 102.64L

ALIGNMENT = RW 17-35
STATION = 10+04.27
OFFSET = 78.49L

ALIGNMENT = RW 17-35
STATION = 10+17.88
OFFSET = 92.42L

MATCH LINE – CG130 PLAN A
MATCH LINE – CG131 PLAN A

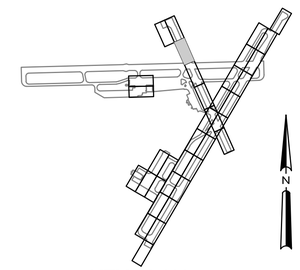
MATCH LINE – CG129 PLAN A
MATCH LINE – CG130 PLAN A

15+00 14+00 13+00 12+00 11+00 10+00 9+00 8+00

E. UG. ELEC.

# A GRADING PLAN (25 OF 32)

1" = 25'



# B KEY PLAN

NTS

CG130

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 74 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17261

ALIGNMENT = RW 17-35
STATION = 22+55.65
OFFSET = 118.60R

ALIGNMENT = RW 17-35
STATION = 22+96.89
OFFSET = 106.81R

ALIGNMENT = RW 17-35
STATION = 22+46.67
OFFSET = 105.76R

ALIGNMENT = RW 17-35
STATION = 20+50.00
OFFSET = 106.97R

ALIGNMENT = RW 17-35
STATION = 23+20.42
OFFSET = 75.37R

ALIGNMENT = RW 17-35
STATION = 17+71.33
OFFSET = 111.48R

ALIGNMENT = RW 17-35
STATION = 16+33.55
OFFSET = 77.46L

ALIGNMENT = RW 17-35
STATION = 21+86.98
OFFSET = 75.06L

ALIGNMENT = RW 17-35
STATION = 19+53.09
OFFSET = 74.93L

ALIGNMENT = RW 17-35
STATION = 22+45.23
OFFSET = 101.02L

ALIGNMENT = RW 17-35
STATION = 18+90.25
OFFSET = 172.32L

RUNWAY 17-35

RUNWAY 10-28

TAXIWAY ALPHA

MATCHLINE - CG130 PLAN A
MATCH LINE - CG132 PLAN A

MATCHLINE - CG131 PLAN A
MATCH LINE - CG133 PLAN A

A GRADING PLAN (26 OF 32)
1" = 25'

B KEY PLAN
NTS

CG131

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 75 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17262

MATCH LINE – CG132 PLAN A
MATCH LINE – CG133 PLAN A

RUNWAY 17-35

MATCH LINE – CG132 PLAN A
MATCH LINE – CG131 PLAN A

MATCH LINE – CG132 PLAN A
MATCH LINE – CG115 PLAN A

ALIGNMENT = RW 17-35
STATION = 24+61.46
OFFSET = 75.29L

ALIGNMENT = RW 17-35
STATION = 24+02.20
OFFSET = 104.06L

A GRADING PLAN (27 OF 32)
1" = 25'

B KEY PLAN
NTS

CG132

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

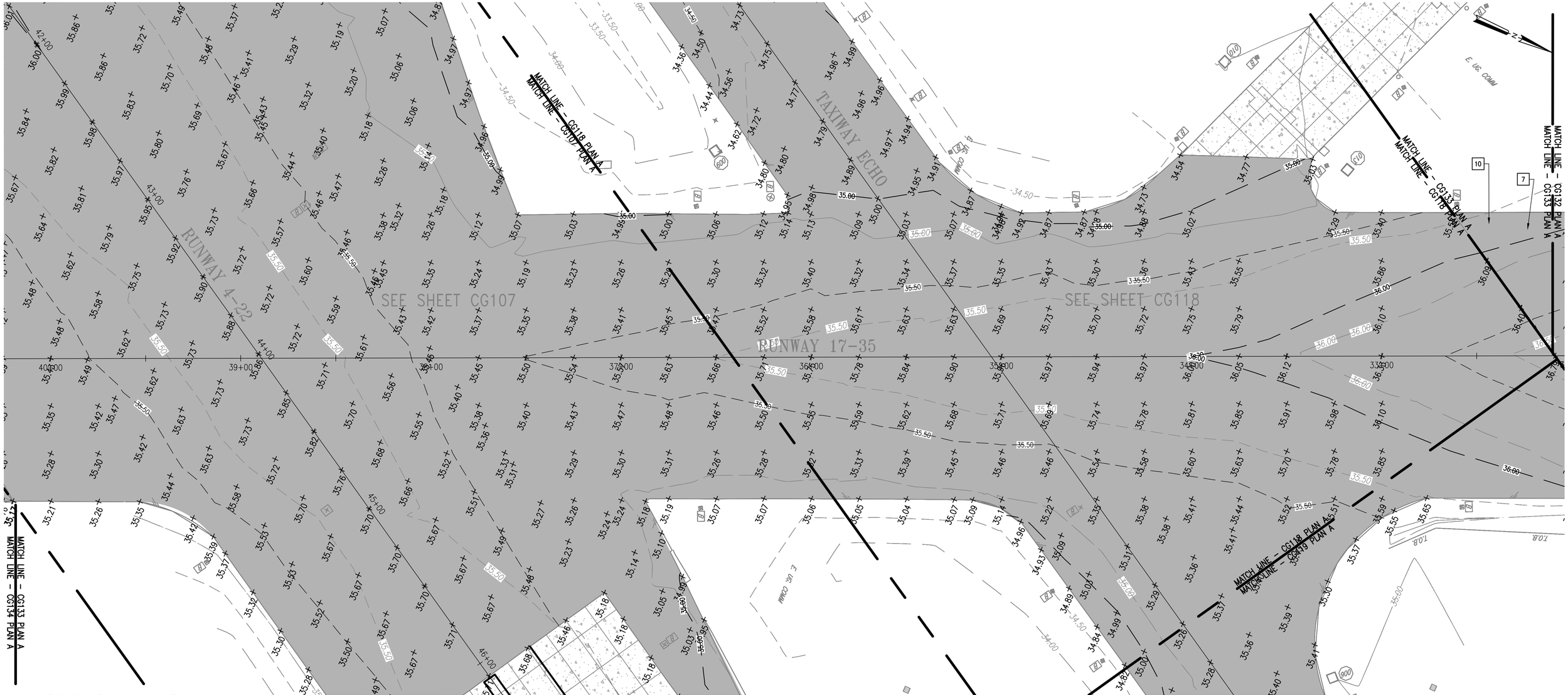
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 76 OF 171

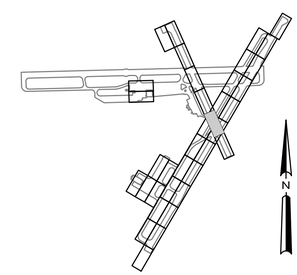
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17263




A GRADING PLAN (28 OF 32)
1" = 25'



B KEY PLAN
NTS

CG133

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

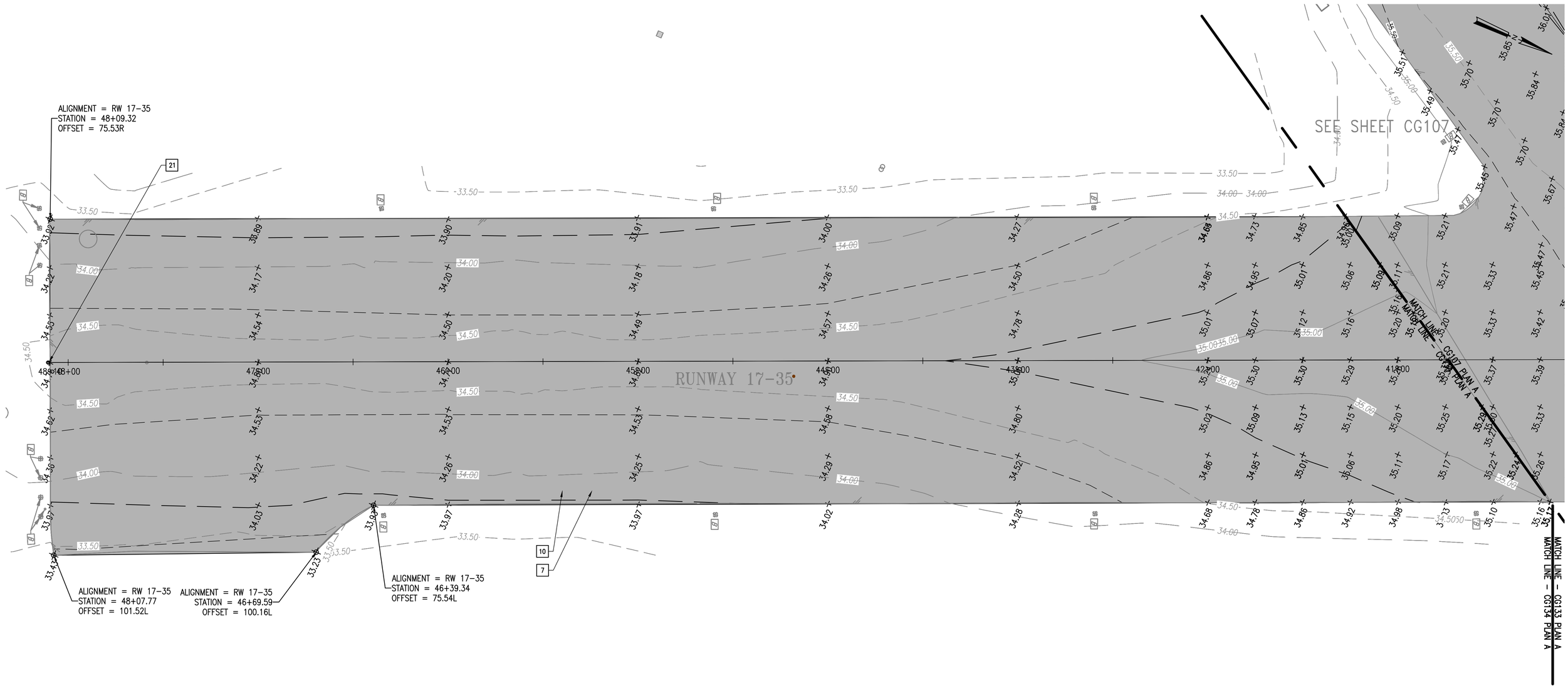
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 77 OF 171

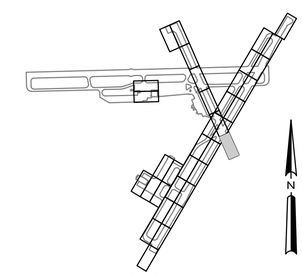
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP | DATE:
CK. LMH | REVISED:

DRAWING NO. 17264




A GRADING PLAN (29 OF 32)
1" = 25'



B KEY PLAN
NTS

CG134

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

PROJECT ENGINEER: Leonard M. Hamilton 5/22/15
SUBMITTED BY: [signature]
PROJECT MANAGER

NASA SAFETY: Julio E. [signature] 5/18/2015
FIRE PROTECTION: Julio E. [signature] 5/18/2015

CONSTRUCTION MANAGEMENT: Nick Clayton
O & M: [signature]

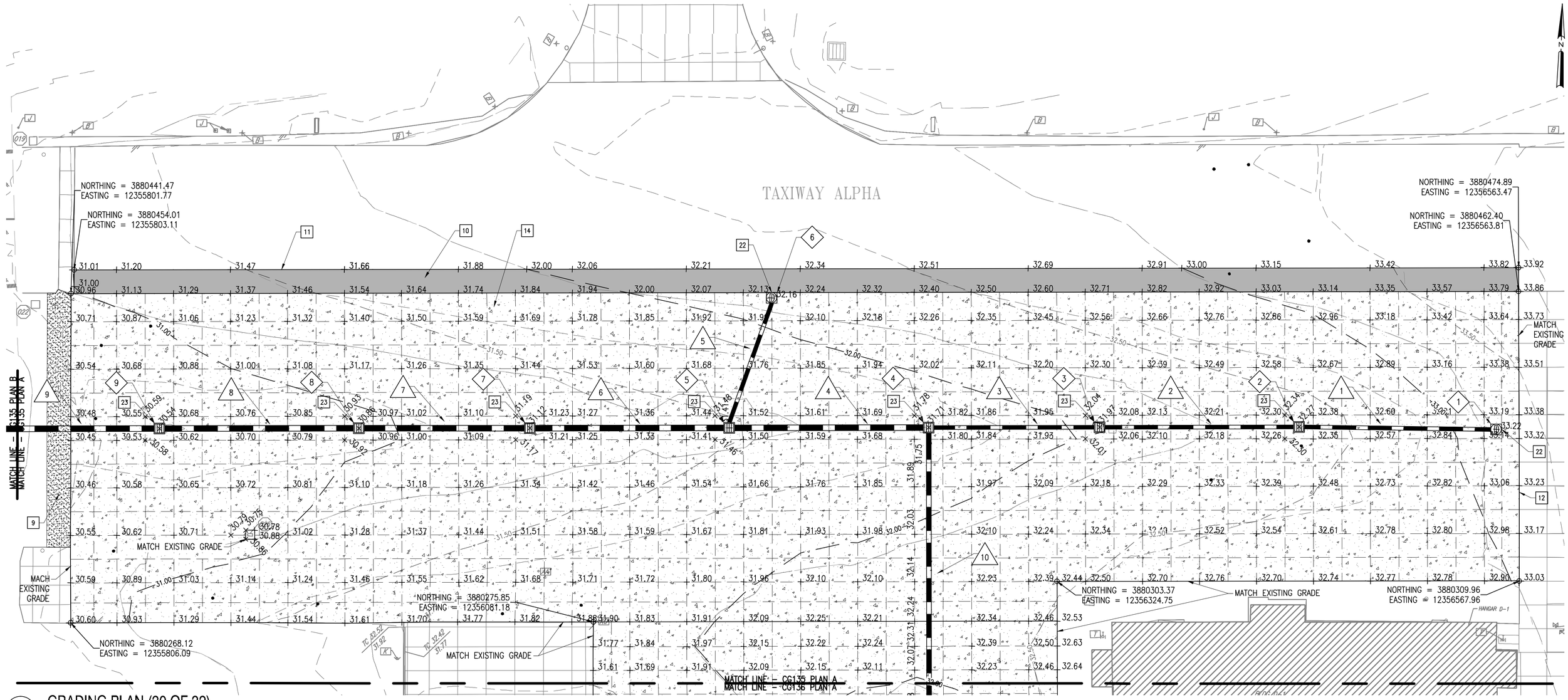
ENGINEERING APPROVAL: [signature]
ENGINEERING GROUP LEADER
BRANCH APPROVAL: [signature]
BRANCH HEAD

GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 78 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. TP
DATE:
CK. LMH
REVISED:

DRAWING NO. 17265

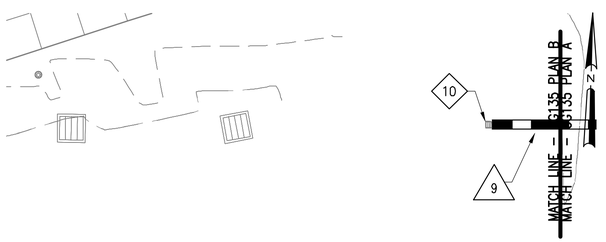



## A GRADING PLAN (30 OF 32)

1" = 25'

## STORM DRAINAGE STRUCTURE NOTES

1. MAN HOLE
   RIM = 33.22
   INV. 24" (W) = 26.32
   INV. 8" (E) = 26.48
   INV. 24" (SE) = 26.42
2. DROP INLET
   RIM = 32.26
   INV. 24" (W) = 25.67
   INV. 24" (E) = 25.77
3. DROP INLET
   RIM = 32.04
   INV. 24" (W) = 25.15
   INV. 24" (E) = 25.25
4. DROP INLET
   RIM = 31.71
   INV. 36" (W) = 22.73
   INV. 24" (E) = 24.58
   INV. 30" (S) = 22.57
5. DROP INLET
   RIM = 31.41
   INV. 24" (N) = 25.84
   INV. 36" (W) = 22.52
   INV. 36" (E) = 22.62
6. MANHOLE
   RIM = 32.16
   INV. 24" (N) = @@
   INV. 24" (S) = @@
7. DROP INLET
   RIM = 31.13
   INV. 36" (W) = 22.16
   INV. 36" (E) = 22.26
8. DROP INLET
   RIM = 30.86
   INV. 36" (W) = 21.89
   INV. 36" (E) = 21.99
9. DROP INLET
   RIM = 30.54
   INV. 36" (W) = 21.78
   INV. 36" (E) = 21.69
10. DROP INLET
    RIM = @@
    INV. 36" (W) = @@
    INV. 36" (E) = @@

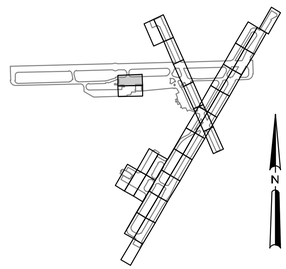



## B GRADING PLAN (31 OF 32)

1" = 25'

## GENERAL NOTES

1. SEE CG136 FOR STORM DRAINAGE NOTES (PIPE LENGTH, PIPE DIAMETER AND PIPE MATERIAL).




## C KEY PLAN

NTS

CG135

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

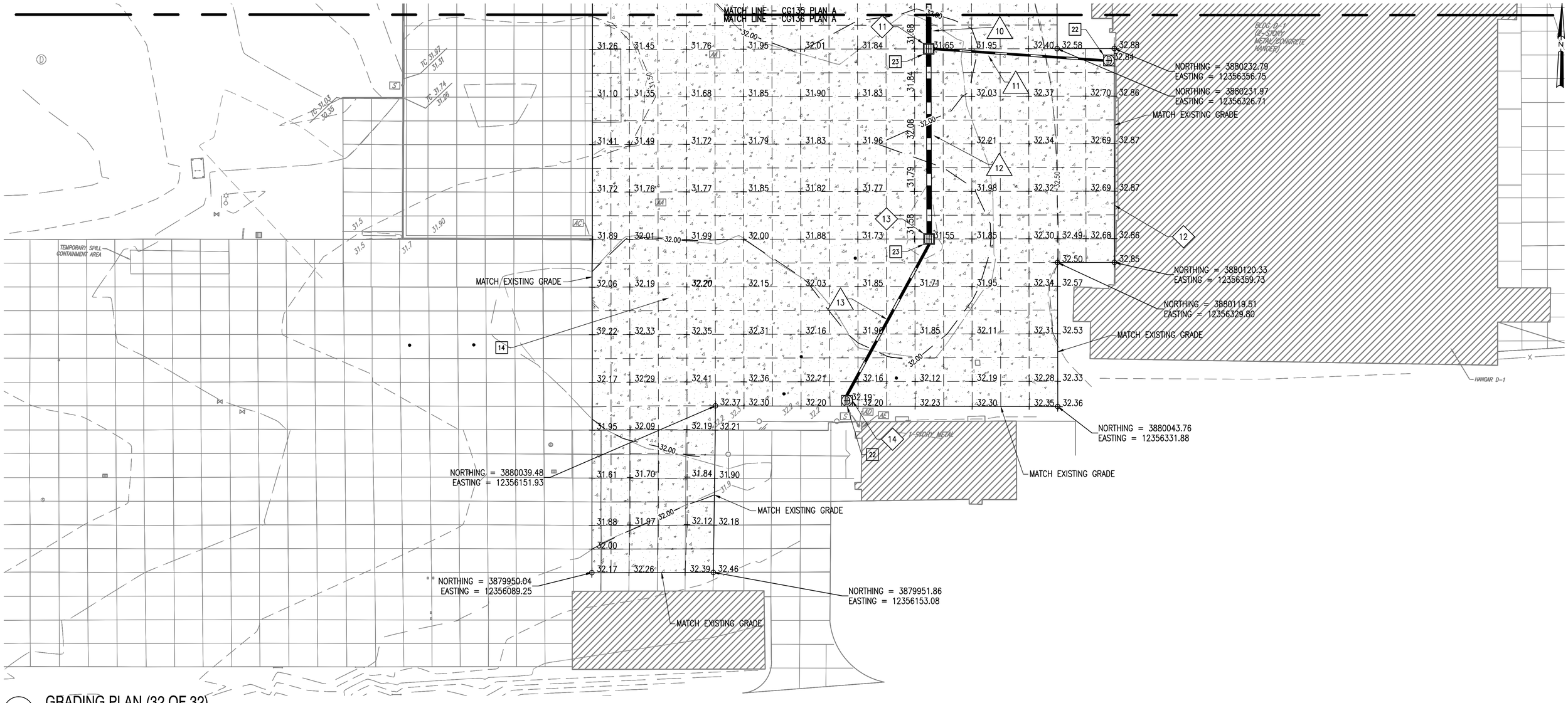
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 79 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17266




A GRADING PLAN (32 OF 32)
1" = 25'

## STORM DRAINAGE STRUCTURE NOTES

11 DROP INLET
RIM = 31.63
INV. 30" (N) = 23.30
INV. 30" (S) = 23.40
INV. 15" (SE) = 26.94

12 MAN HOLE
RIM = 32.26
INV. 15" (NW) = @@
INV. 8" (SE) = @@

13 DROP INLET
RIM = 32.04
INV. 30" (N) = 23.40
INV. 15" (SW) = 26.19

14 DROP INLET
RIM = 32.19
INV. 15" (NE) = 27.77
INV. 15" (SW) = 27.87

## STORM DRAINAGE NOTES, SEE DETAIL F ON SHEET CS503

1 (1→2)
PIPE LENGTH = 98.22'
PIPE DIAMETER = 24"
PIPE MATERIAL = RCP

2 (2→3)
PIPE LENGTH = 99.35'
PIPE DIAMETER = 24"
PIPE MATERIAL = RCP

3 (3→4)
PIPE LENGTH = 84.35'
PIPE DIAMETER = 24"
PIPE MATERIAL = RCP

4 (4→5)
PIPE LENGTH = 99.35'
PIPE DIAMETER = 36"
PIPE MATERIAL = RCP

5 (5→6)
PIPE LENGTH = 66.62'
PIPE DIAMETER = 24"
PIPE MATERIAL = RCP

6 (5→7)
PIPE LENGTH = 99.35'
PIPE DIAMETER = 36"
PIPE MATERIAL = RCP

7 (7→8)
PIPE LENGTH = 84.35'
PIPE DIAMETER = 36"
PIPE MATERIAL = RCP

8 (8→9)
PIPE LENGTH = 99.35'
PIPE DIAMETER = 36"
PIPE MATERIAL = RCP

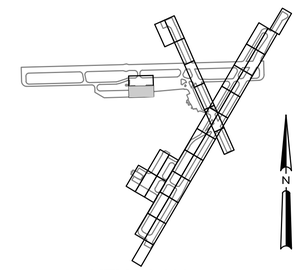
9 (9→10)
PIPE LENGTH = 94.40'
PIPE DIAMETER = 36"
PIPE MATERIAL = RCP

10 (4→11)
PIPE LENGTH = 146.96'
PIPE DIAMETER = 30"
PIPE MATERIAL = RCP

11 (11→12)
PIPE LENGTH = 89.32'
PIPE DIAMETER = 15"
PIPE MATERIAL = RCP

12 (11→13)
PIPE LENGTH = 94.37'
PIPE DIAMETER = 30"
PIPE MATERIAL = RCP

13 (13→14)
PIPE LENGTH = 90.50'
PIPE DIAMETER = 15"
PIPE MATERIAL = RCP



B KEY PLAN
NTS

CG136

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|

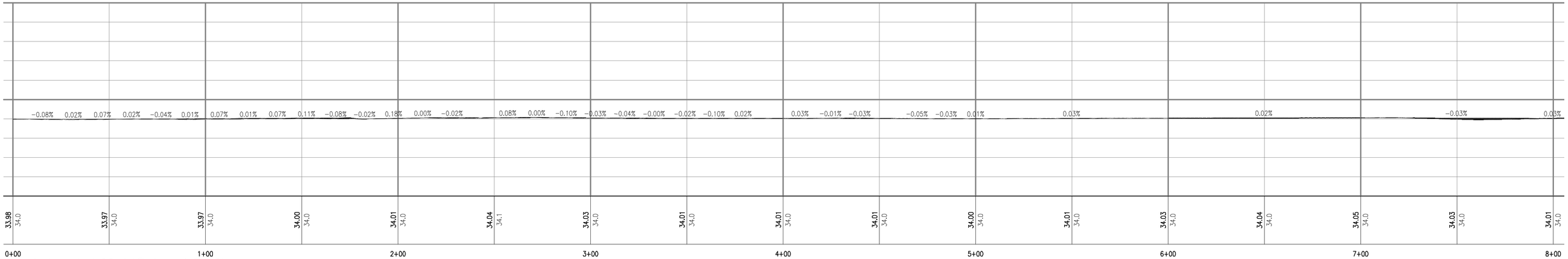
PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG1
SCALE 1" = 25'
SHEET 80 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GRADING PLAN

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

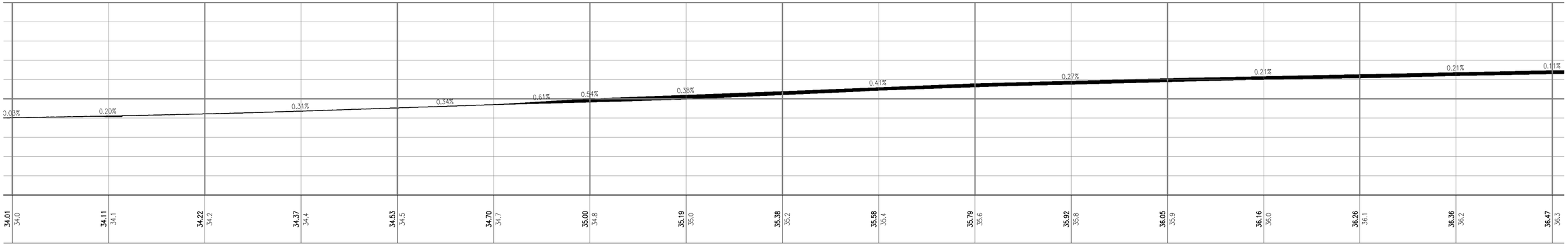
DRAWING NO. 17267




A

## RUNWAY 4-22 PROFILE (1 OF 9)

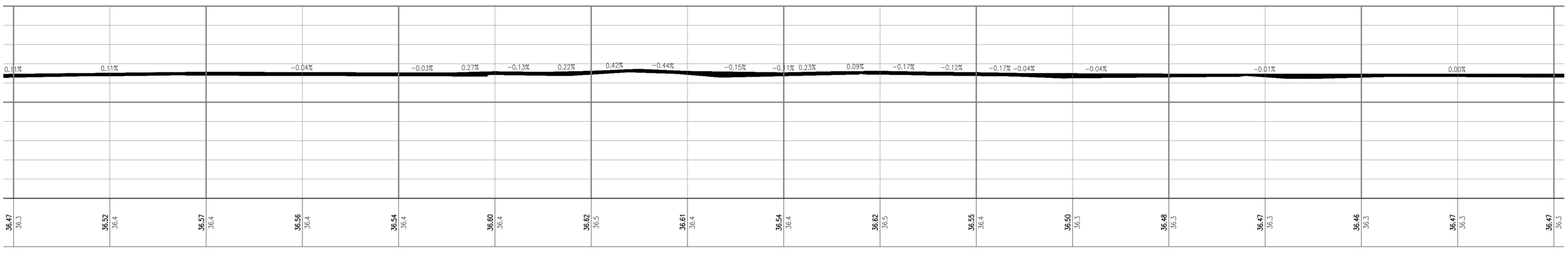
SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B

## RUNWAY 4-22 PROFILE (2 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C

## RUNWAY 4-22 PROFILE (3 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG201

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
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| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

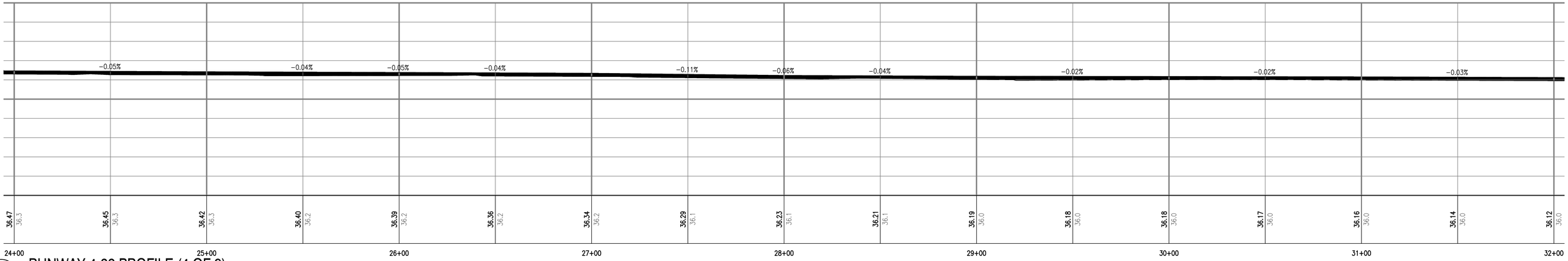
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 81 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 PROFILE

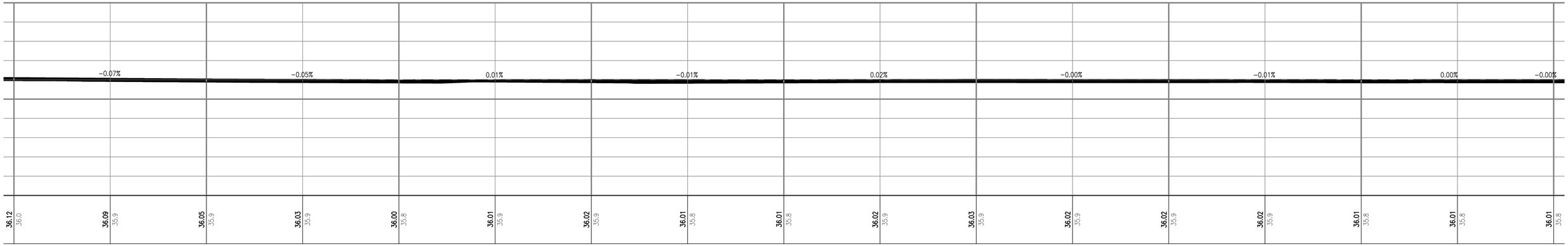
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17268



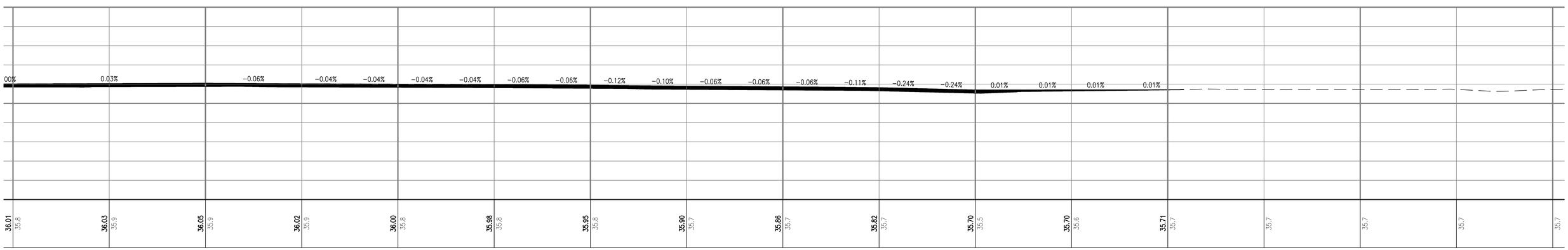

A RUNWAY 4-22 PROFILE (4 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B RUNWAY 4-22 PROFILE (5 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C RUNWAY 4-22 PROFILE (6 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG202

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER Leonard M. Hamill Jr. 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY Julius C. Polite Jr.
FIRE PROTECTION Julius C. Polite Jr.

CONSTRUCTION MANAGEMENT Nick Clayton
O & M Jon Dall

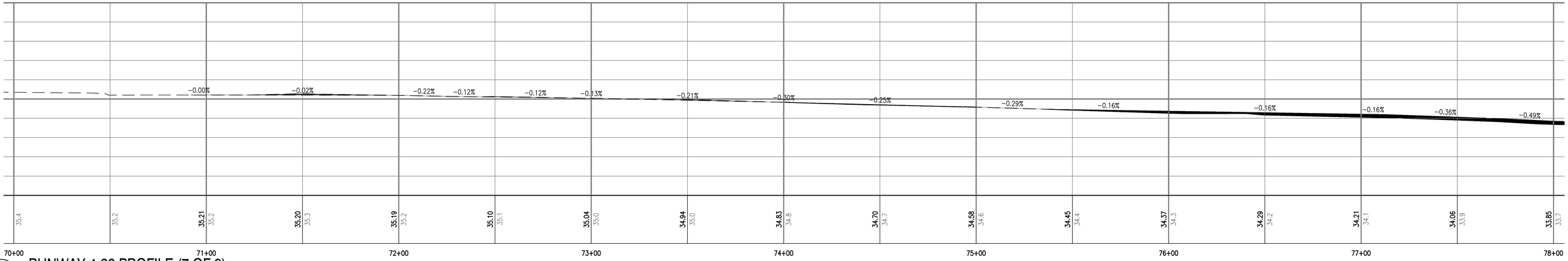
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL Glenn D. Tilly
BRANCH HEAD

GRAPHIC SCALE 0' 25' 50'
1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 82 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 PROFILE

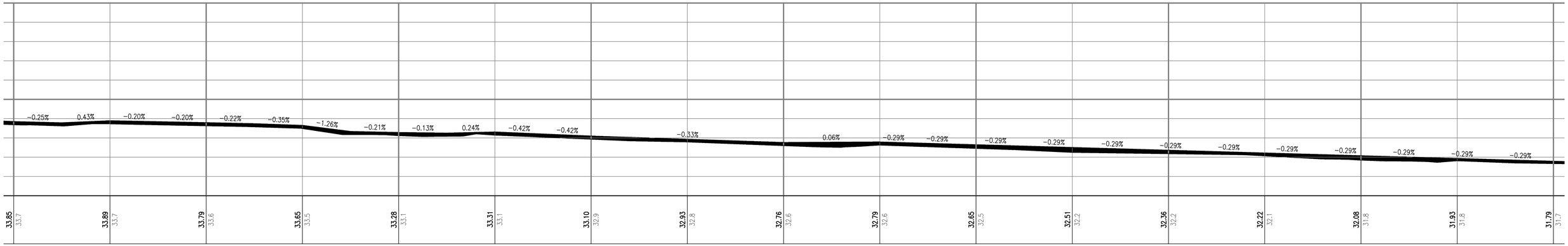
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17269



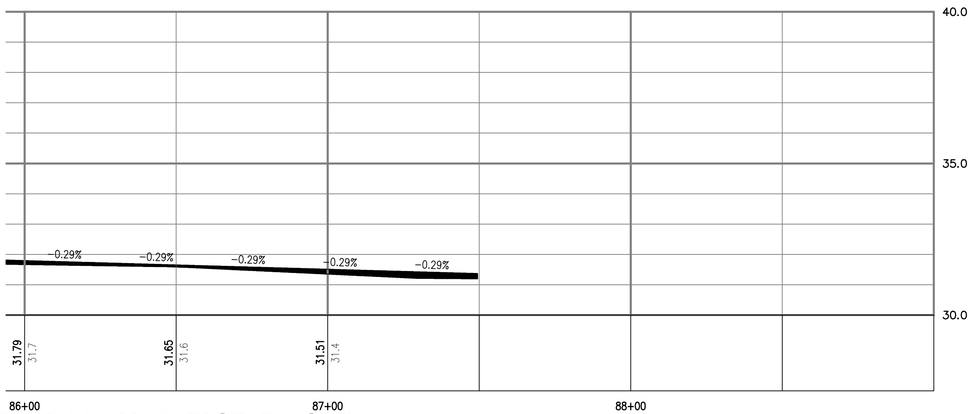

A RUNWAY 4-22 PROFILE (7 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B RUNWAY 4-22 PROFILE (8 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C RUNWAY 4-22 PROFILE (9 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG203

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

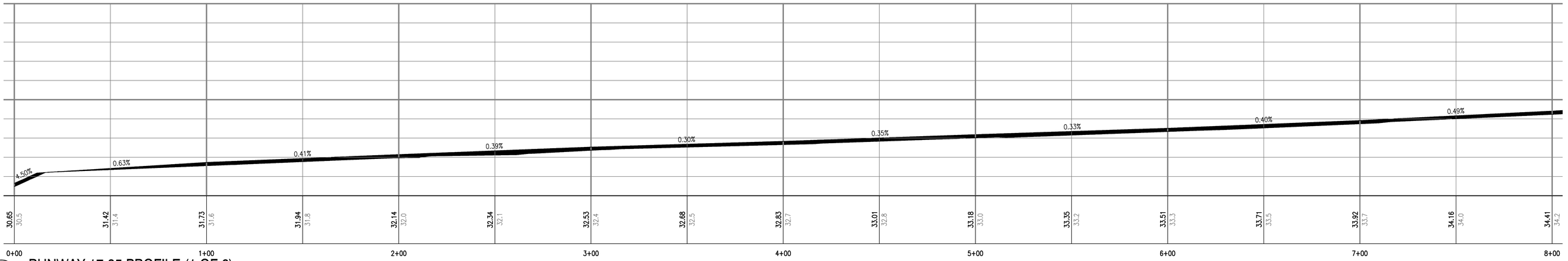
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 83 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 PROFILE

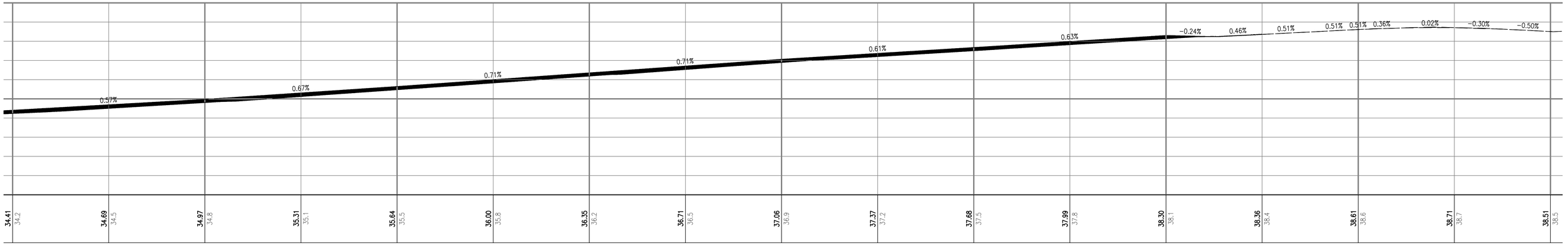
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17270



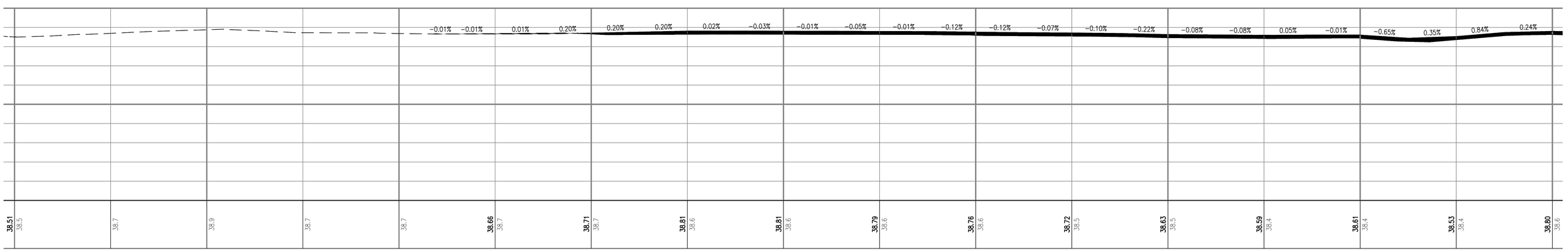

A RUNWAY 17-35 PROFILE (1 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B RUNWAY 17-35 PROFILE (2 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C RUNWAY 17-35 PROFILE (3 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG204

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

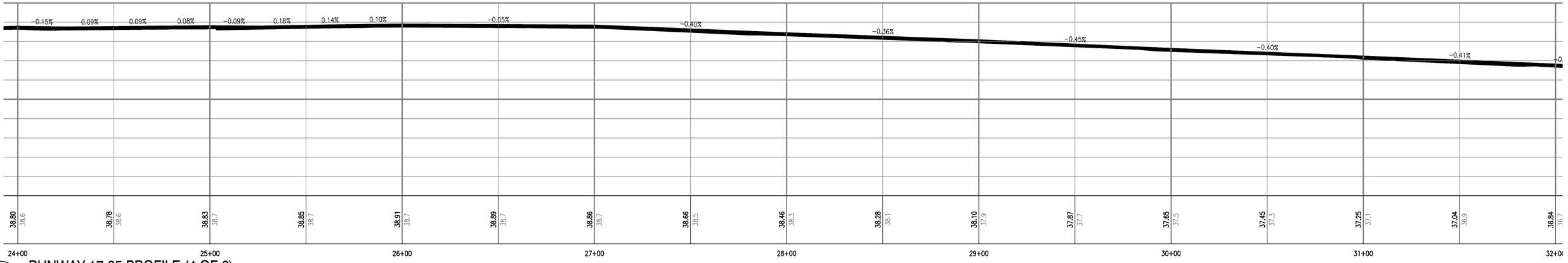
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 84 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
RUNWAY 17-35 PROFILE

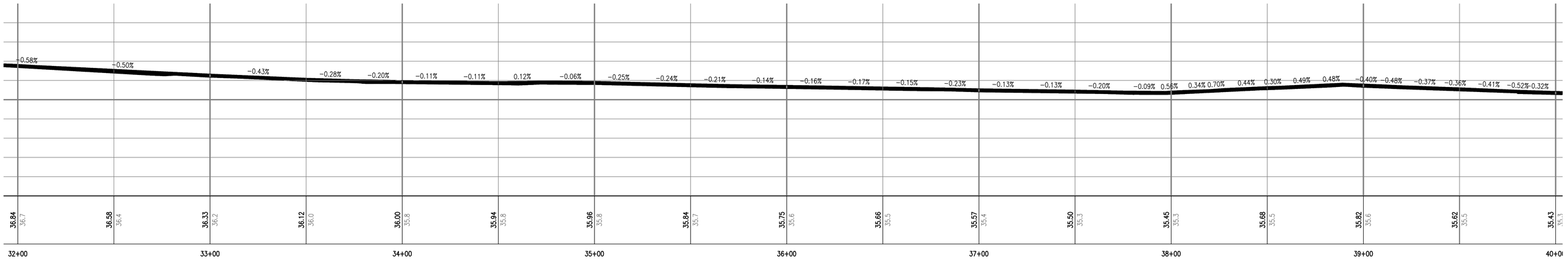
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17271



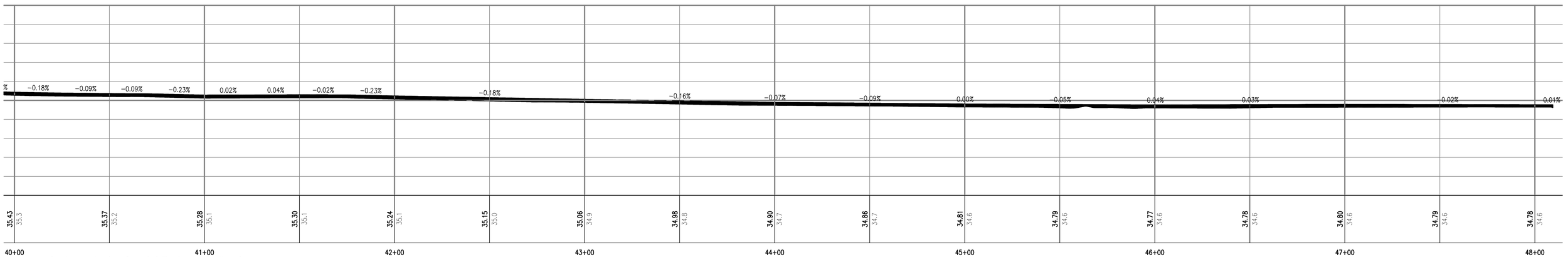

## A RUNWAY 17-35 PROFILE (4 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




## B RUNWAY 17-35 PROFILE (5 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




## C RUNWAY 17-35 PROFILE (6 OF 6)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG205

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

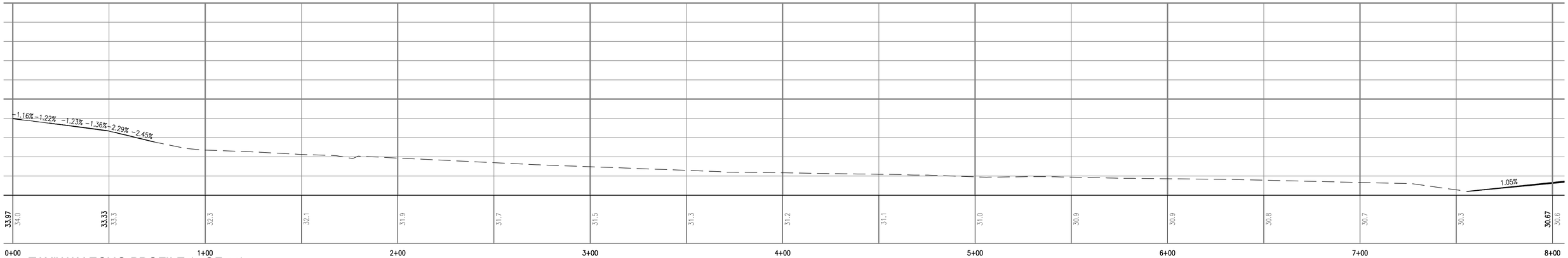
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 85 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 PROFILE

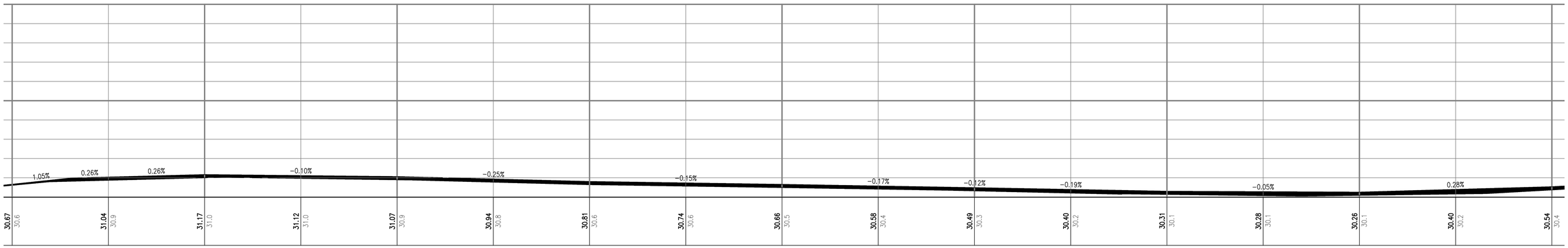
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17272



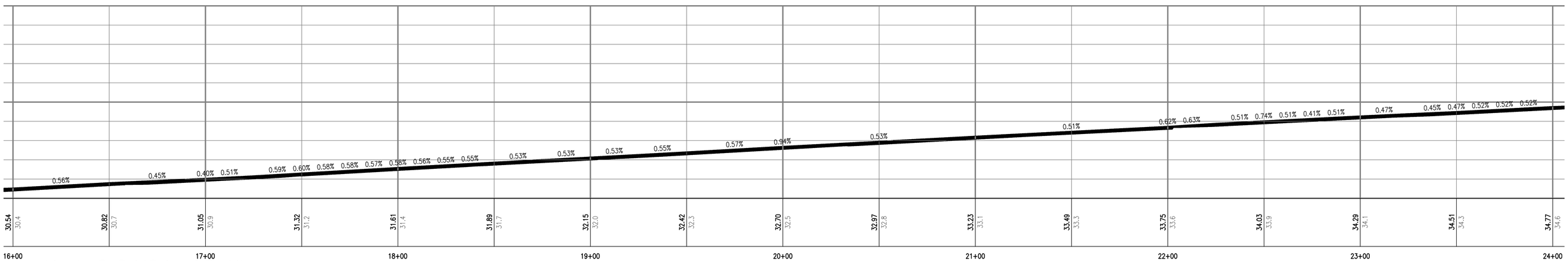

A TAXIWAY ECHO PROFILE (1 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B TAXIWAY ECHO PROFILE (2 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C TAXIWAY ECHO PROFILE (3 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG206

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

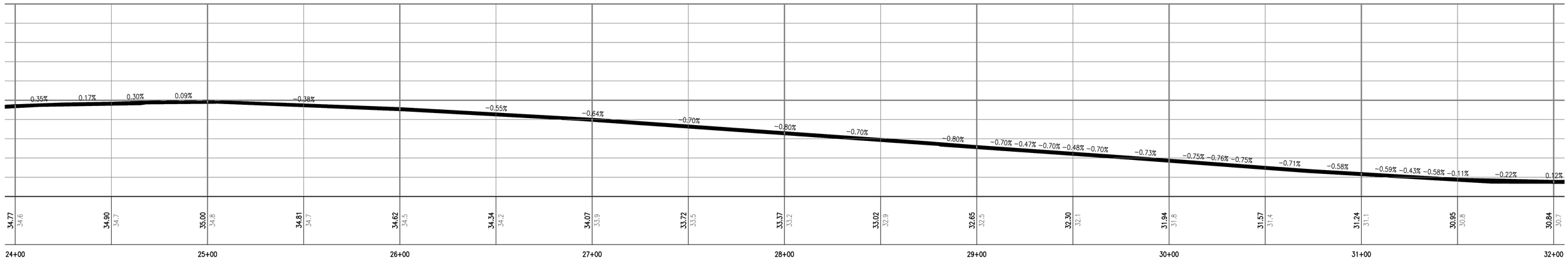
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 86 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO PROFILE

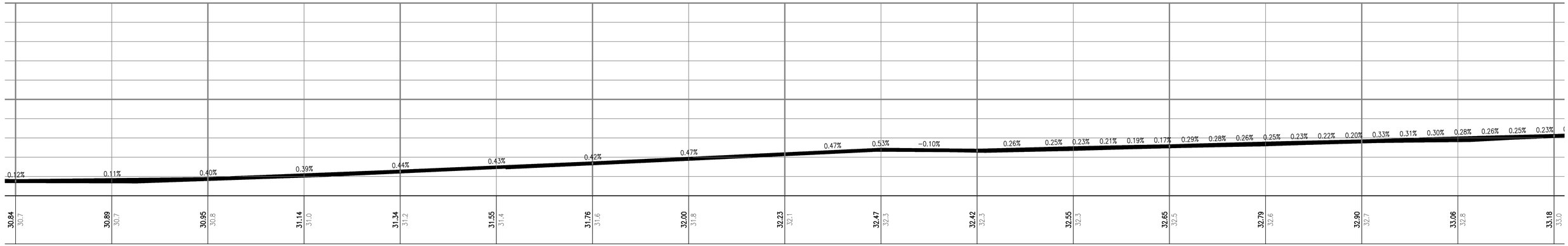
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17273



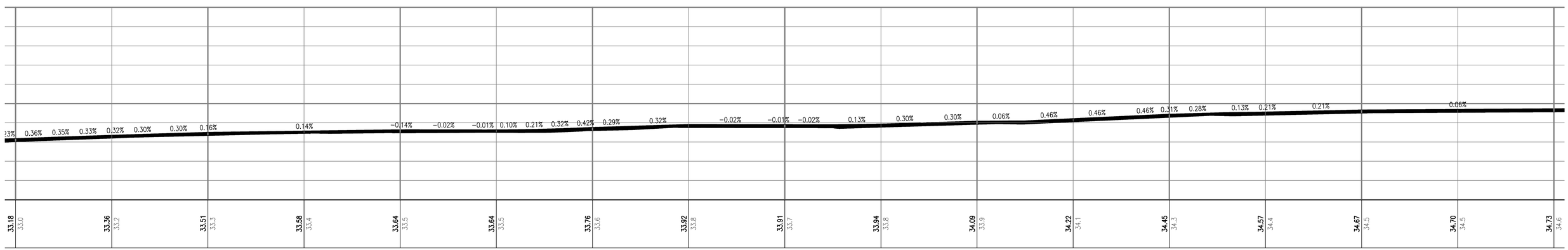

A TAXIWAY ECHO PROFILE (4 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B TAXIWAY ECHO PROFILE (5 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C TAXIWAY ECHO PROFILE (6 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG207

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

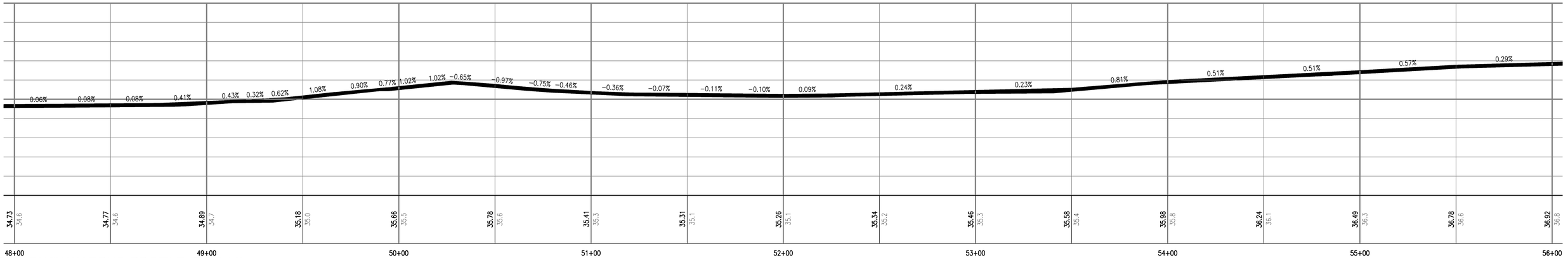
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 87 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO PROFILE

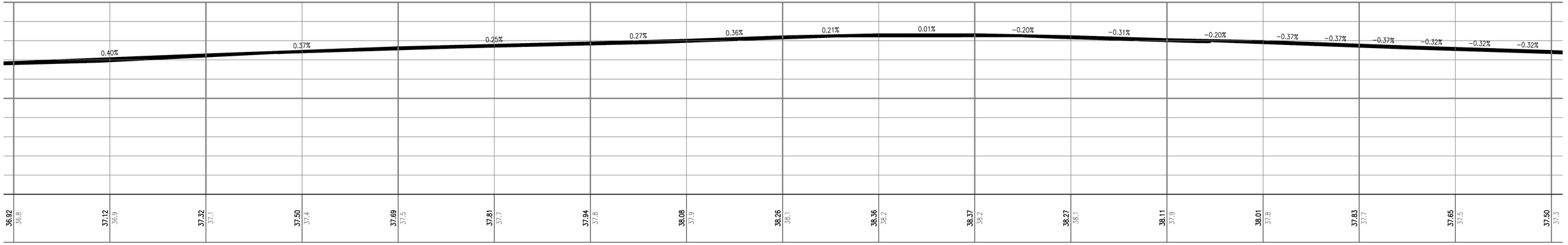
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17274



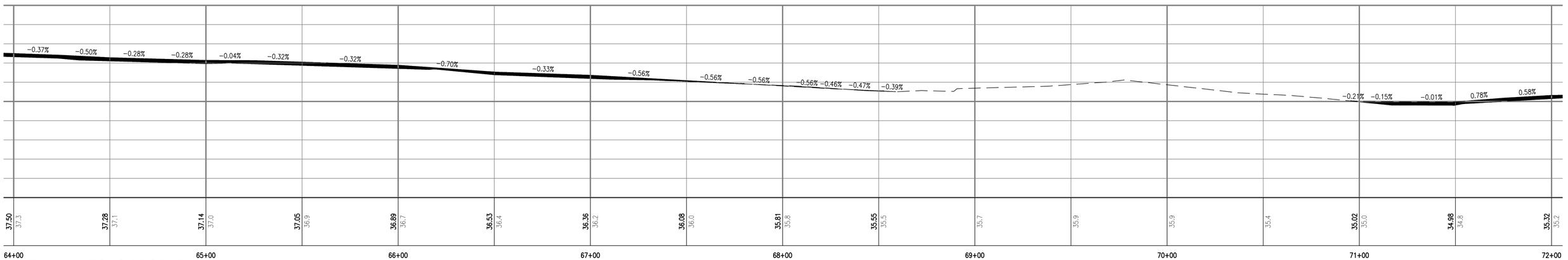

A TAXIWAY ECHO PROFILE (7 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B TAXIWAY ECHO PROFILE (8 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




C TAXIWAY ECHO PROFILE (9 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG208

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

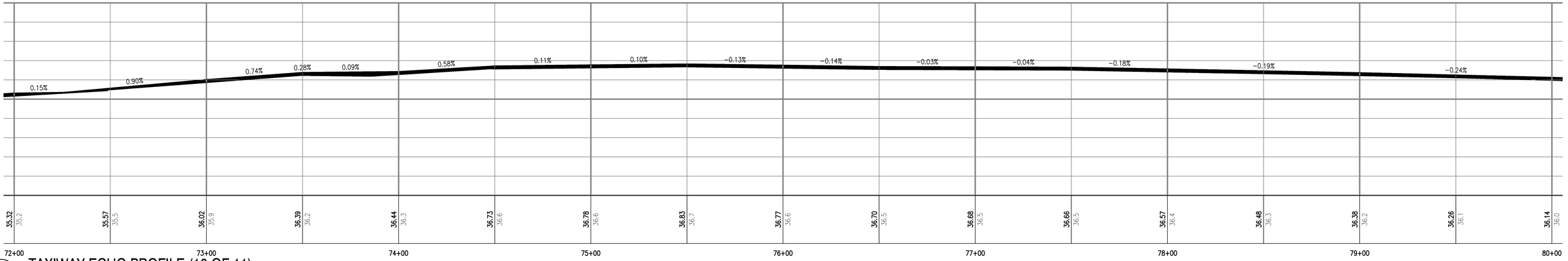
PROJECT ENGINEER Leonard M. Hamill 5/22/15
SUBMITTED BY PROJECT MANAGER
NASA SAFETY Julius C. Valentois
FIRE PROTECTION Julius C. Valentois
CONSTRUCTION MANAGEMENT Nick Clayton
O & M
ENGINEERING APPROVAL ENGINEERING GROUP LEADER
BRANCH APPROVAL BRANCH HEAD

GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 88 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO PROFILE

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

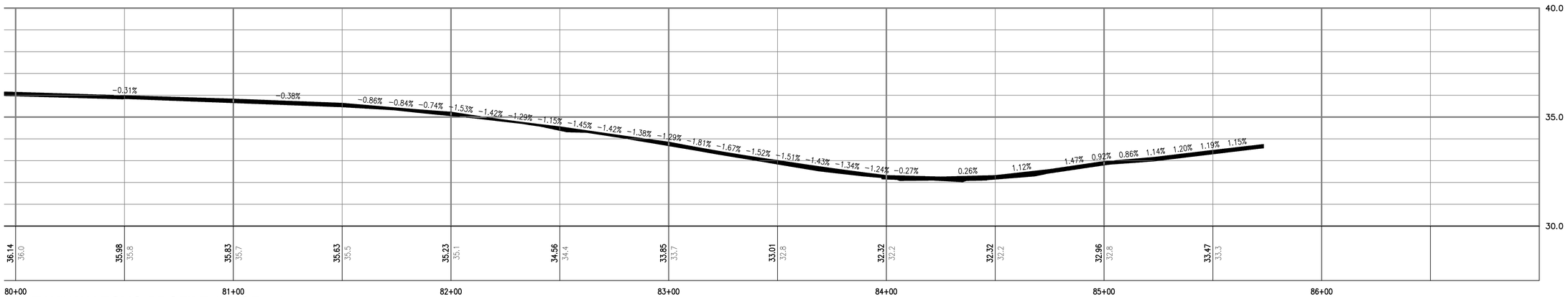
DRAWING NO. 17275




A

## TAXIWAY ECHO PROFILE (10 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL




B

## TAXIWAY ECHO PROFILE (11 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG209

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER Leonard M. Hamill Jr. 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

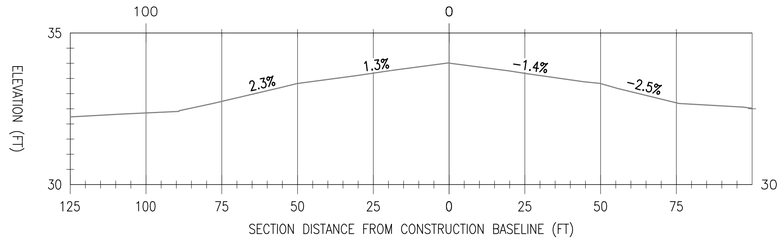
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 89 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO PROFILE

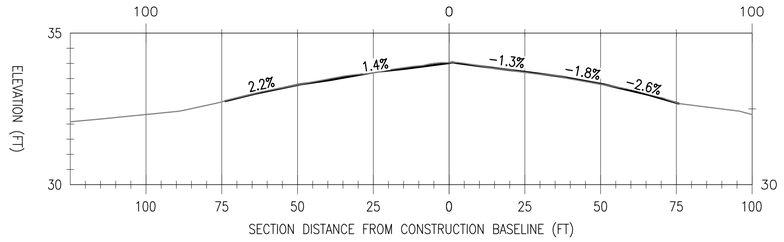
| PROJECT NUMBER: 1368232 | |
|---|---|
| DR. STH | DATE: |
| CK. LMH | REVISED: |

DRAWING NO. 17276

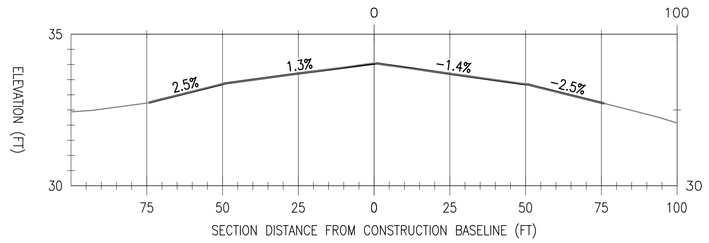
## STATION 1+00



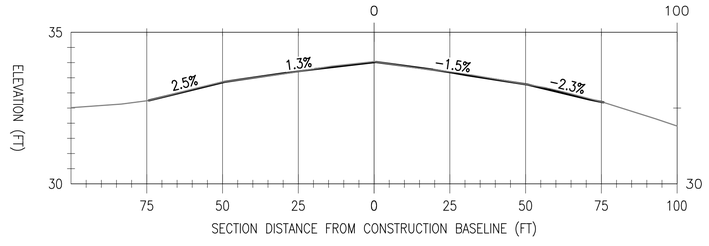

## STATION 2+00



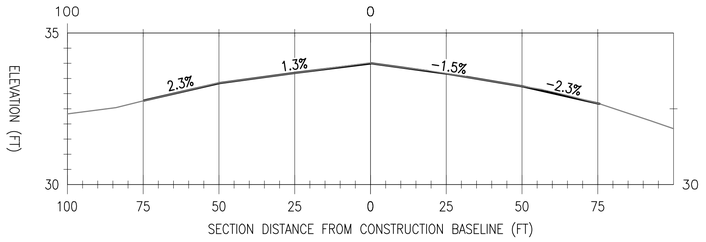

## STATION 3+00



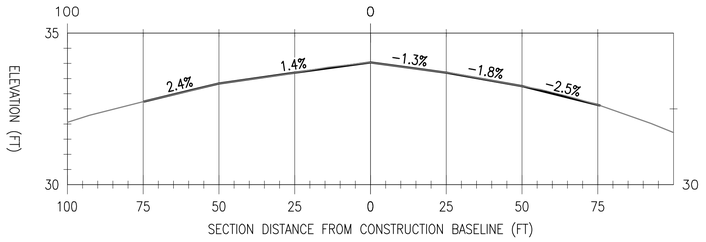

## STATION 4+00



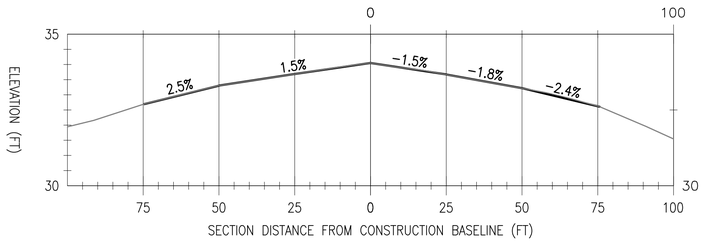

## STATION 5+00



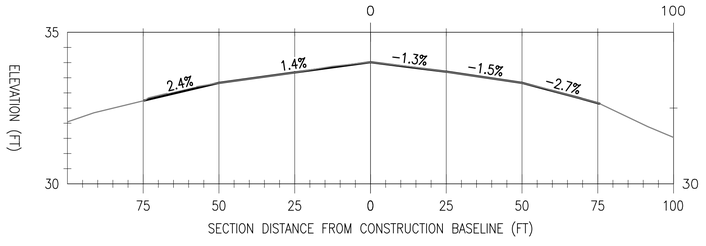

## STATION 6+00




## STATION 7+00




## STATION 8+00




A

## RUNWAY 4-22 SECTIONS (1 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG301

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

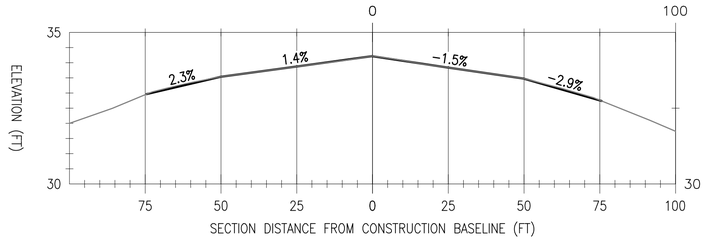
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 90 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17277

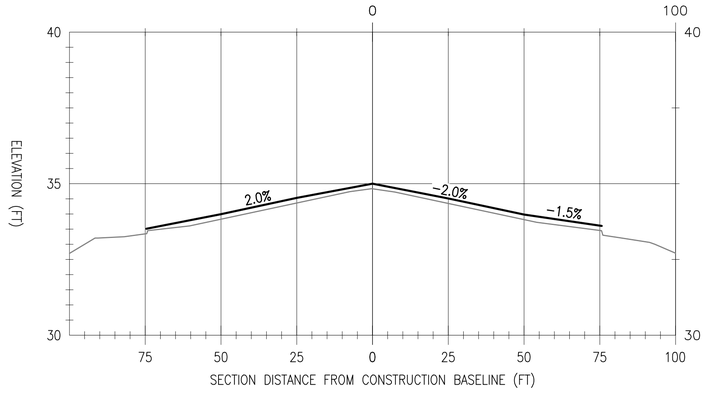
## STATION 9+00



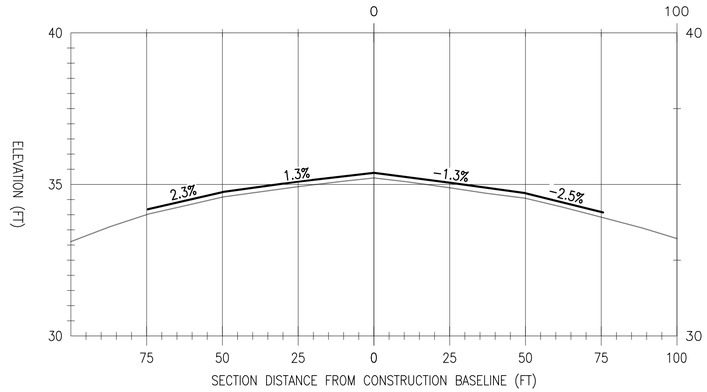

## STATION 10+00



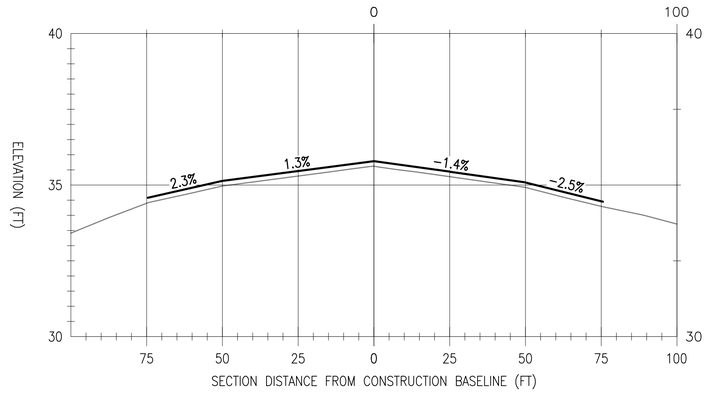

## STATION 11+00



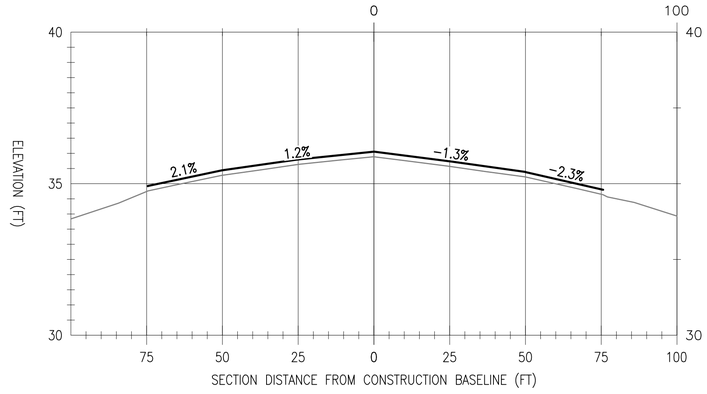

## STATION 12+00




## STATION 13+00




## STATION 14+00




A RUNWAY 4-22 SECTIONS (2 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG302

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT — Nick Clayton
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

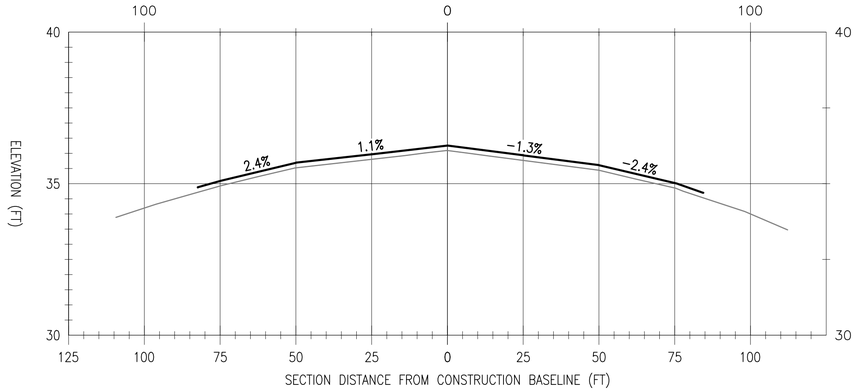
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 91 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

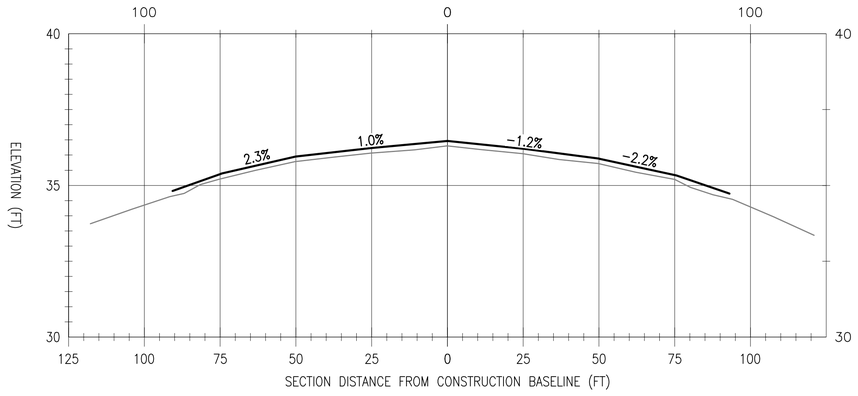
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17278

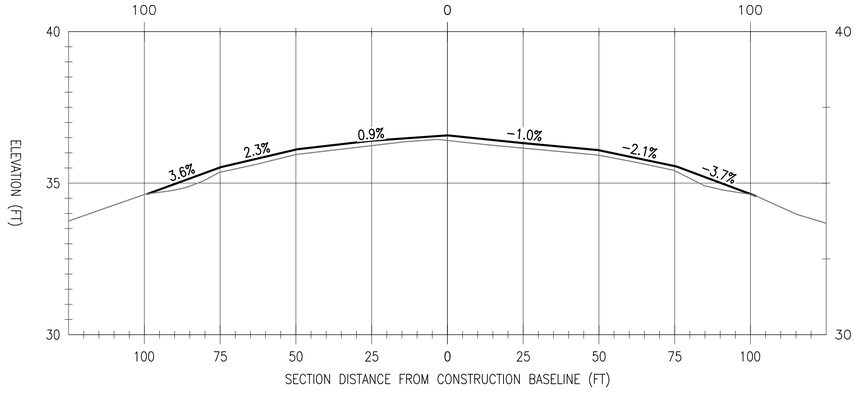
## STATION 15+00



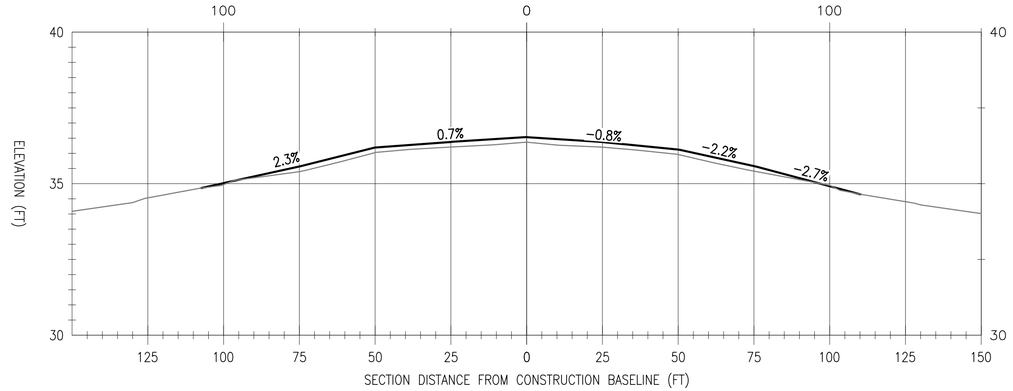

## STATION 16+00



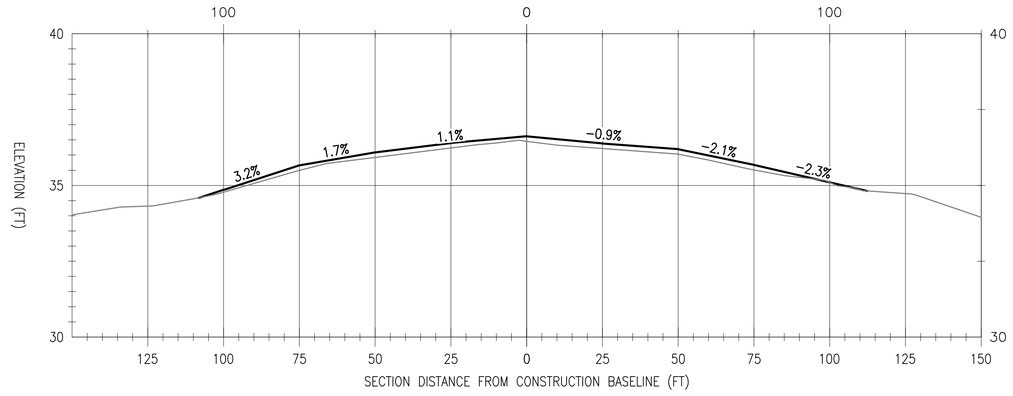

## STATION 17+00



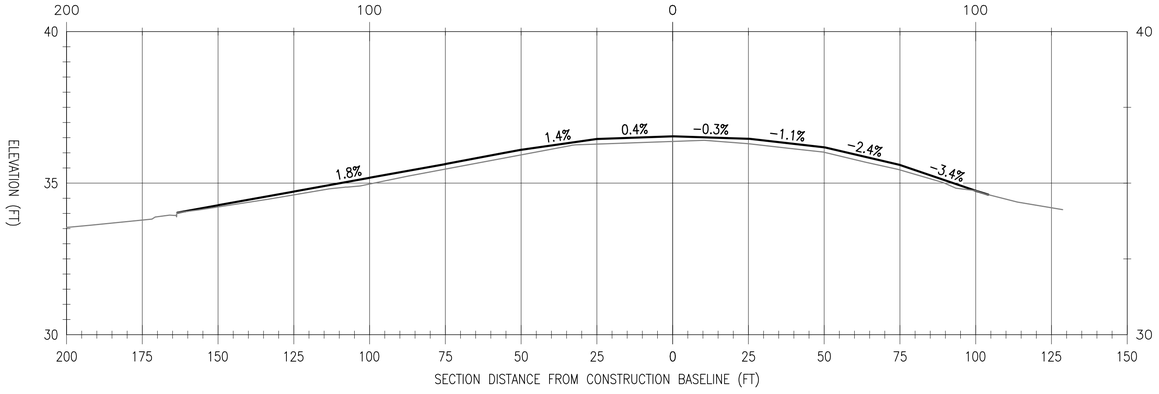

## STATION 18+00




## STATION 19+00




## STATION 20+00




A

# RUNWAY 4-22 SECTIONS (3 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG303

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

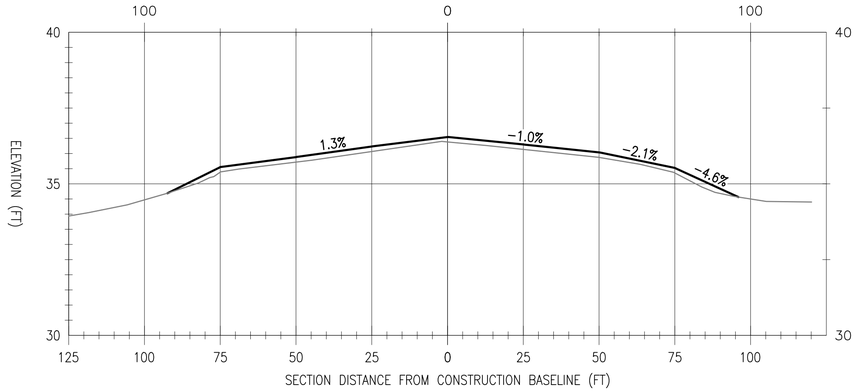
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 92 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

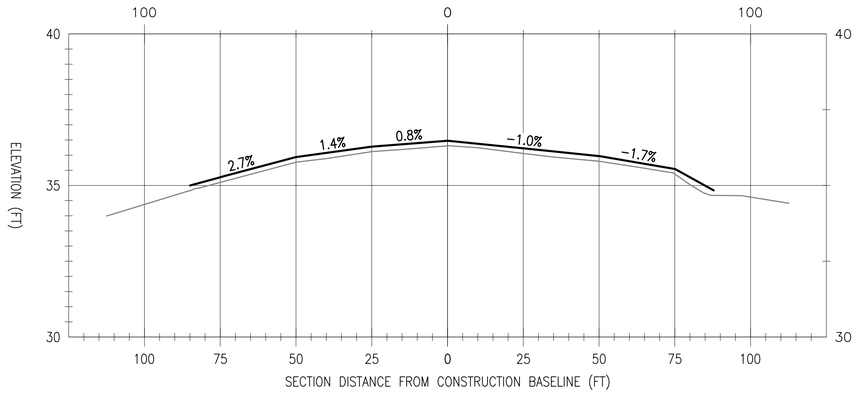
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17279

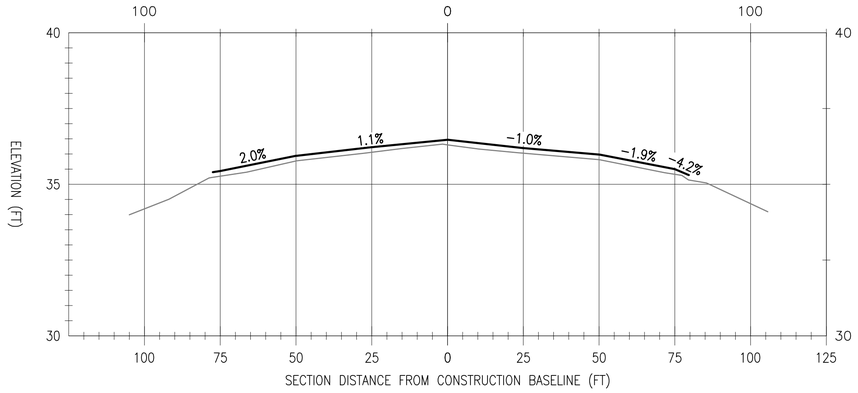
## STATION 21+00



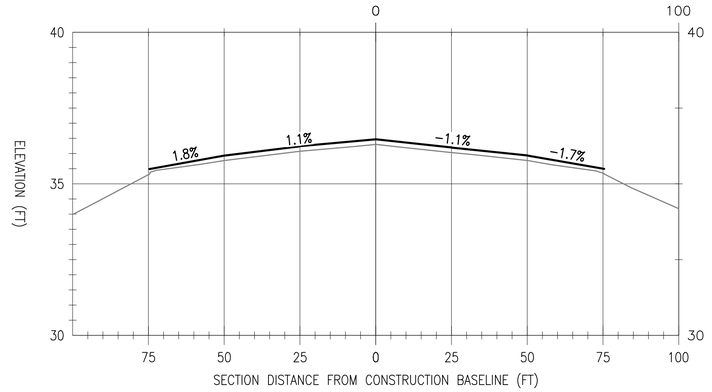

## STATION 22+00



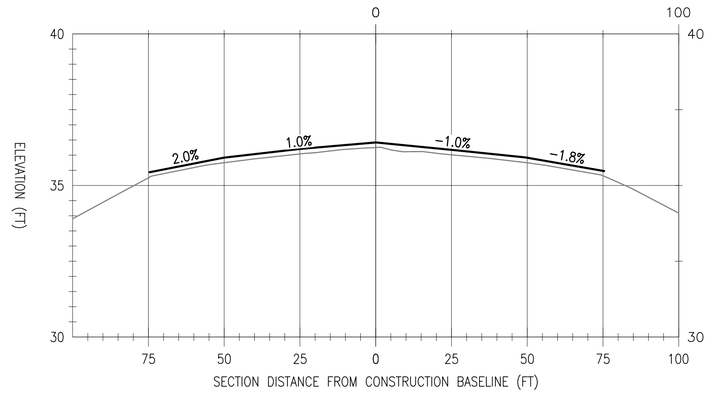

## STATION 23+00



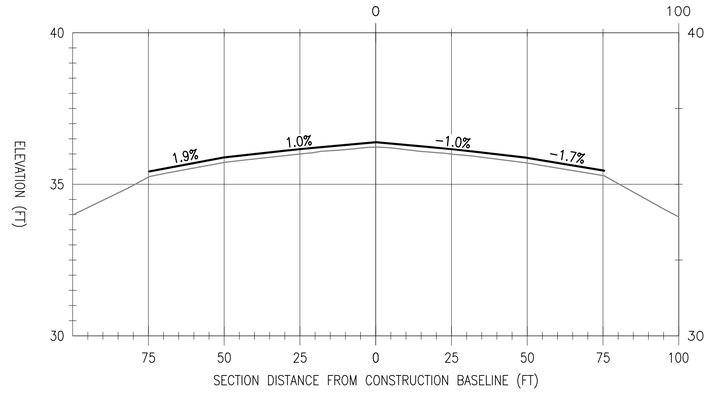

## STATION 24+00




## STATION 25+00




## STATION 26+00




# A RUNWAY 4-22 SECTIONS (4 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG304

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

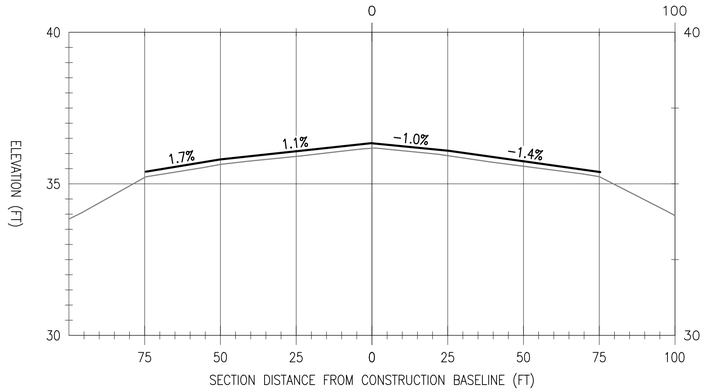
GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 93 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

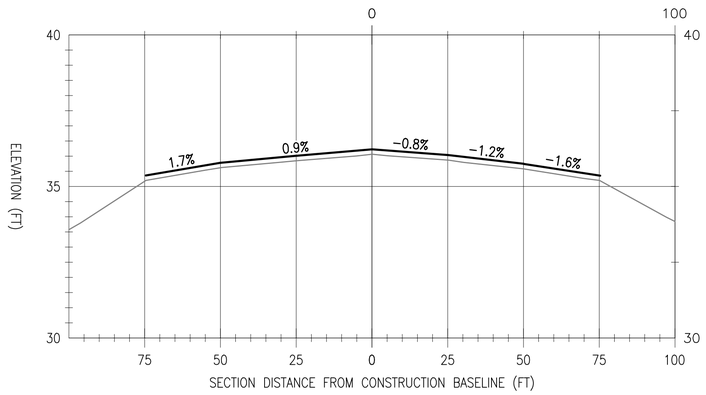
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17280

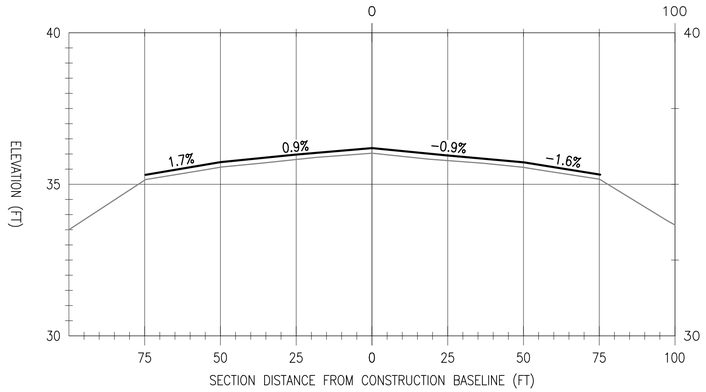
## STATION 27+00



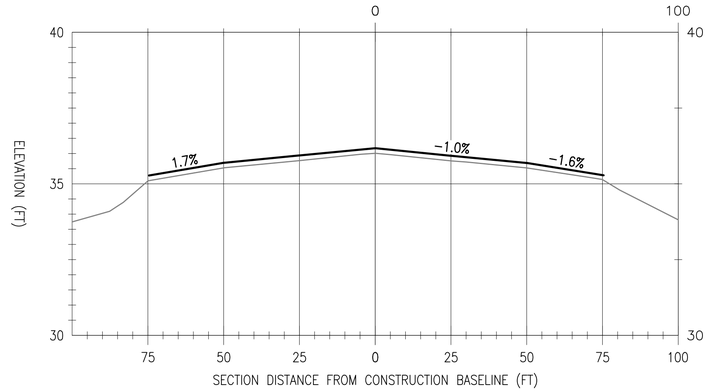

## STATION 28+00



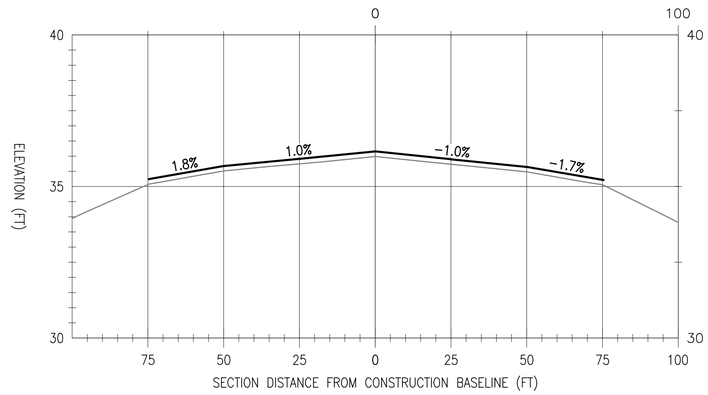

## STATION 29+00



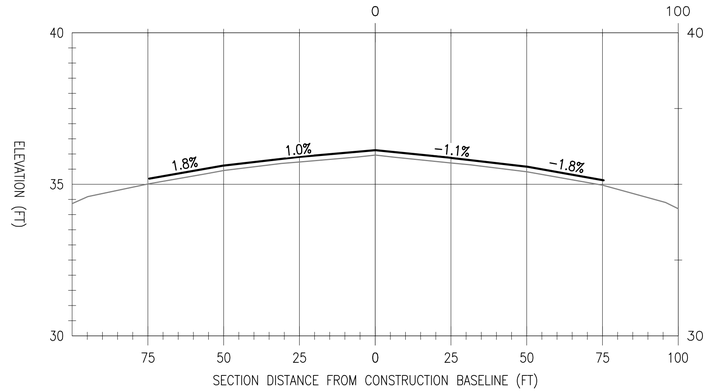

## STATION 30+00




## STATION 31+00




## STATION 32+00




A

# RUNWAY 4-22 SECTIONS (5 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG305

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

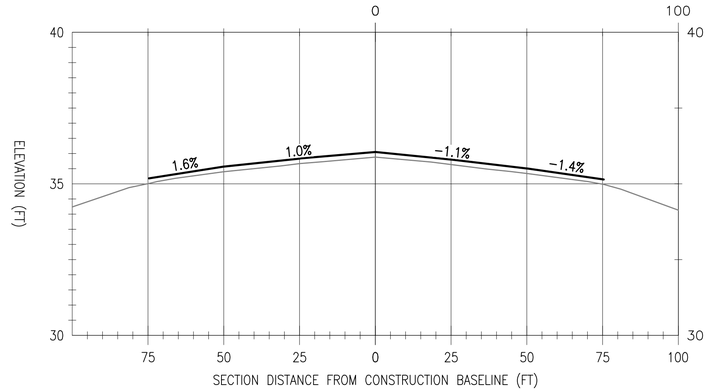
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 94 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

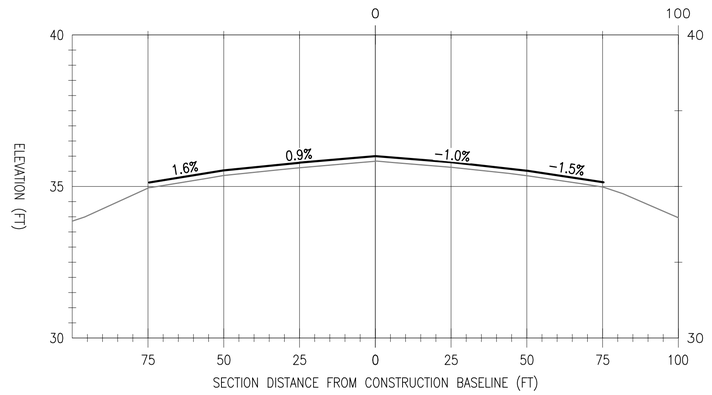
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17281

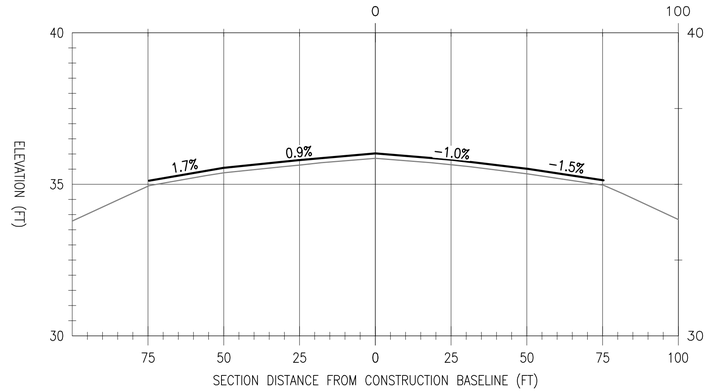
## STATION 33+00



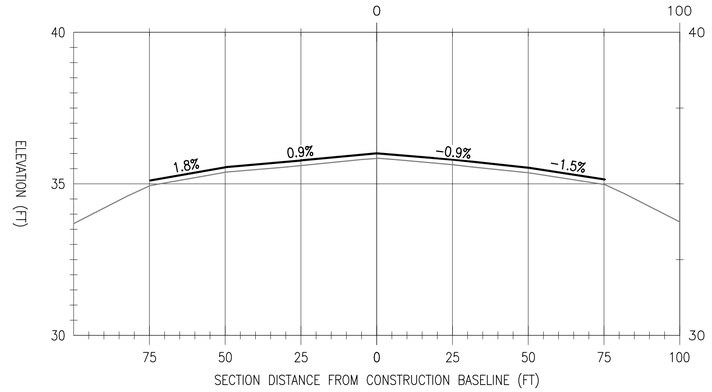

## STATION 34+00



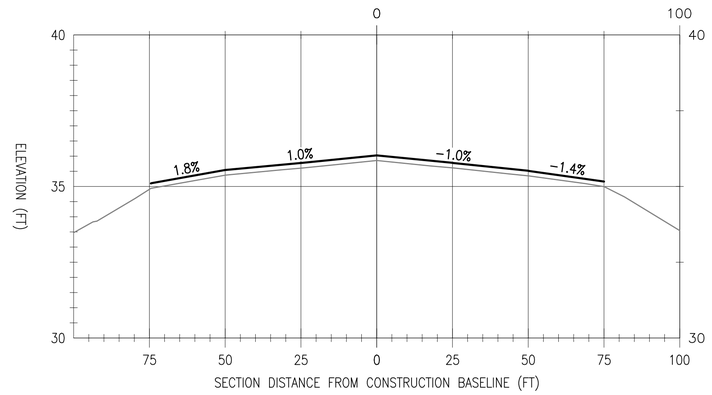

## STATION 35+00



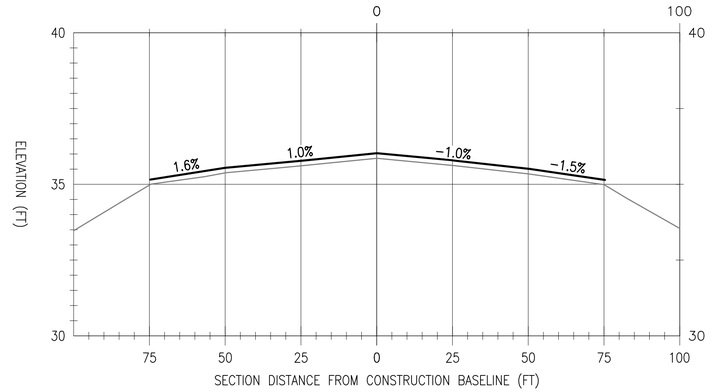

## STATION 36+00




## STATION 37+00




## STATION 38+00




A

# RUNWAY 4-22 SECTIONS (6 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG306

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

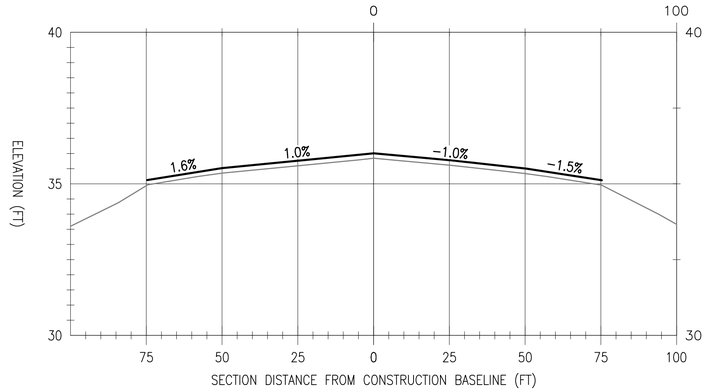
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 95 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

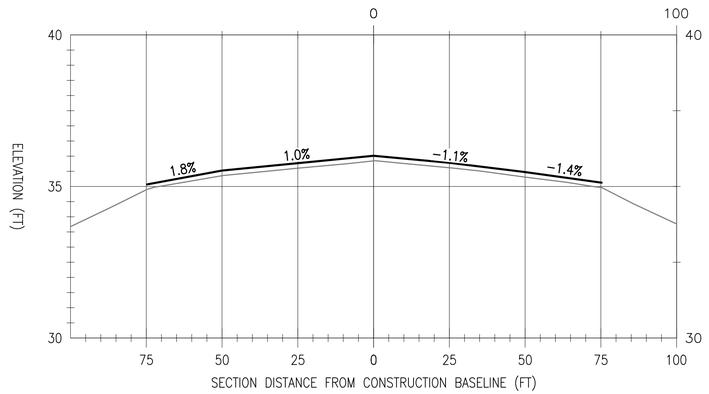
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17282

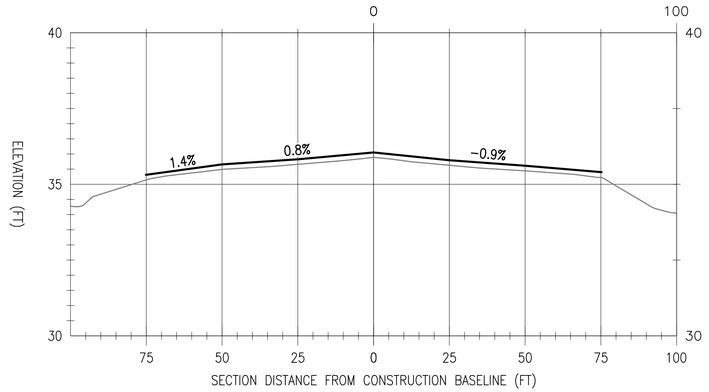
## STATION 39+00



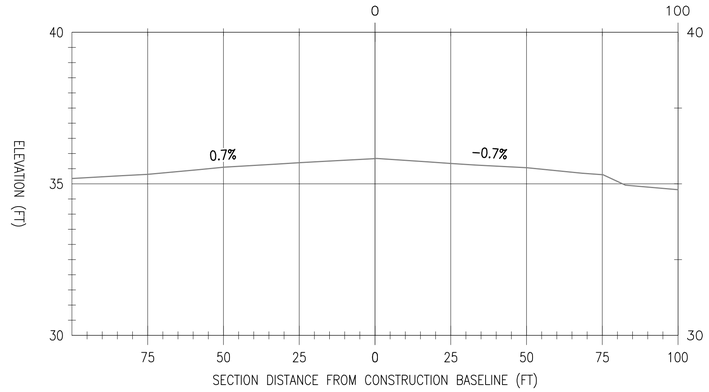

## STATION 40+00



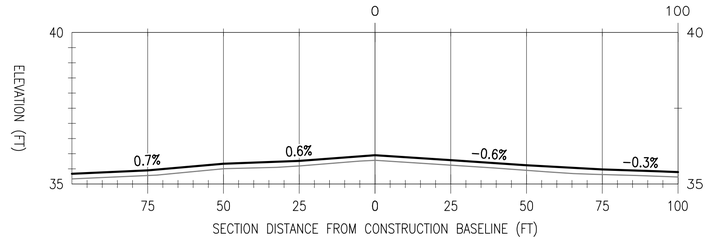

## STATION 41+00



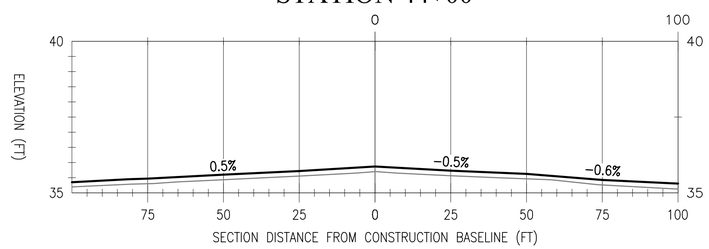

## STATION 42+00




## STATION 43+00




## STATION 44+00




A

# RUNWAY 4-22 SECTIONS (7 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG307

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

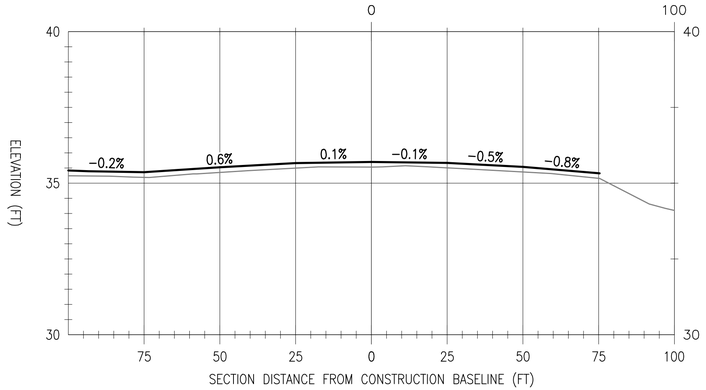
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 96 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

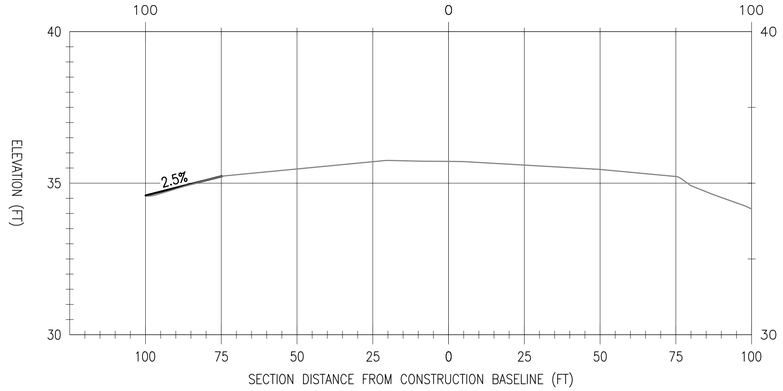
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17283

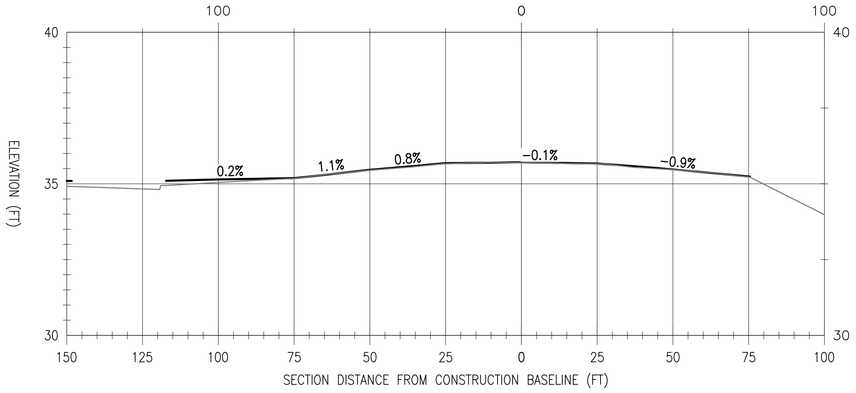
## STATION 45+00



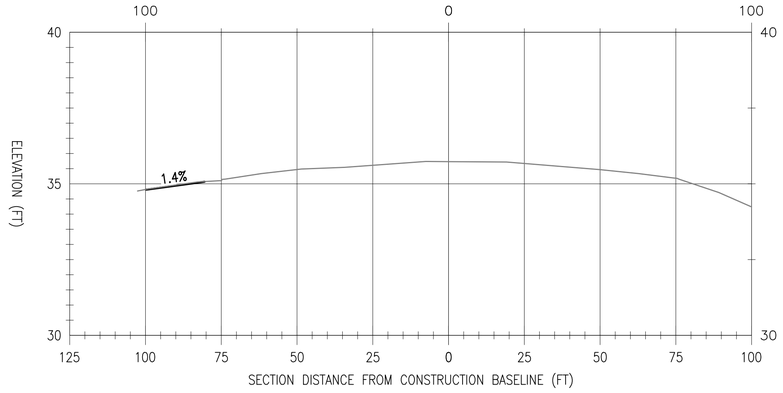

## STATION 48+00



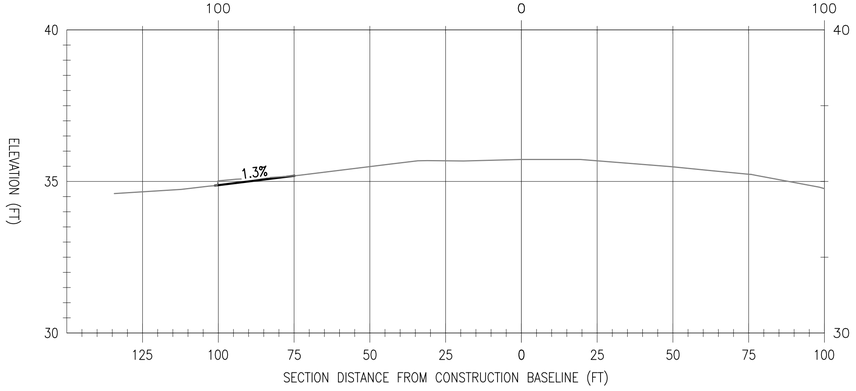

## STATION 46+00



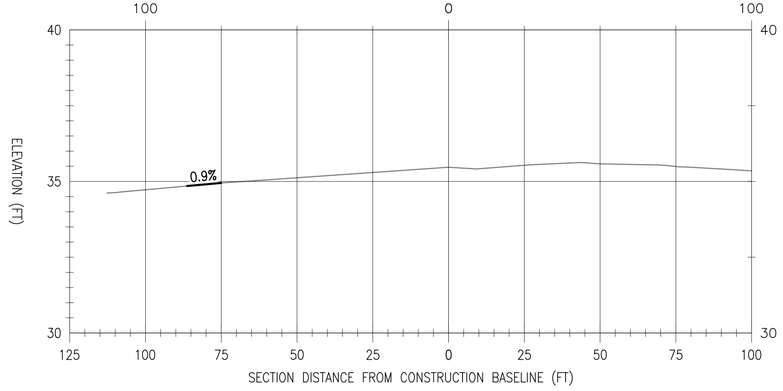

## STATION 49+00




## STATION 47+00




## STATION 69+00




# A RUNWAY 4-22 SECTIONS (8 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG308

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

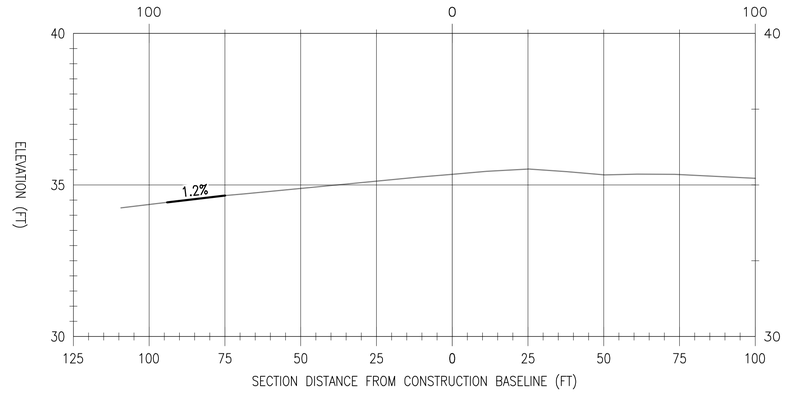
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 97 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

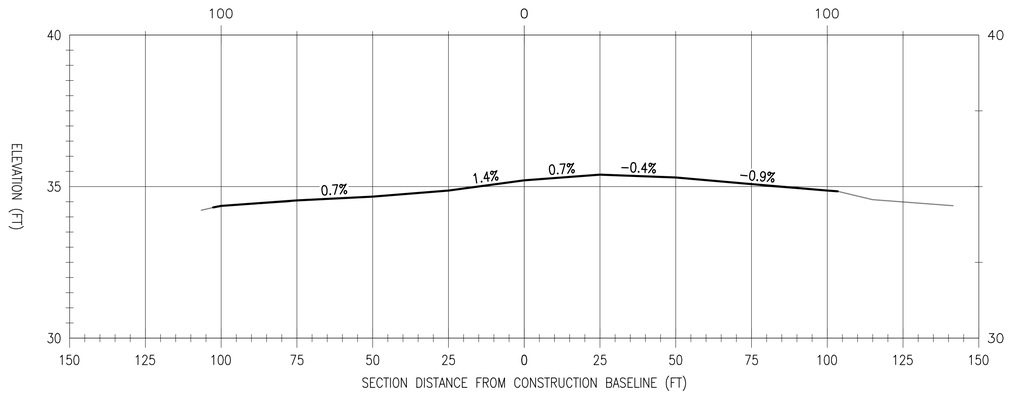
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17284

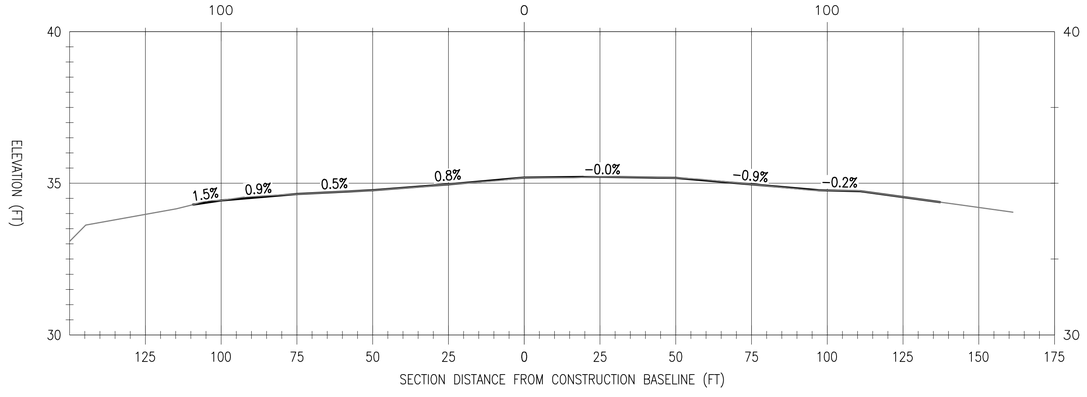
## STATION 70+00



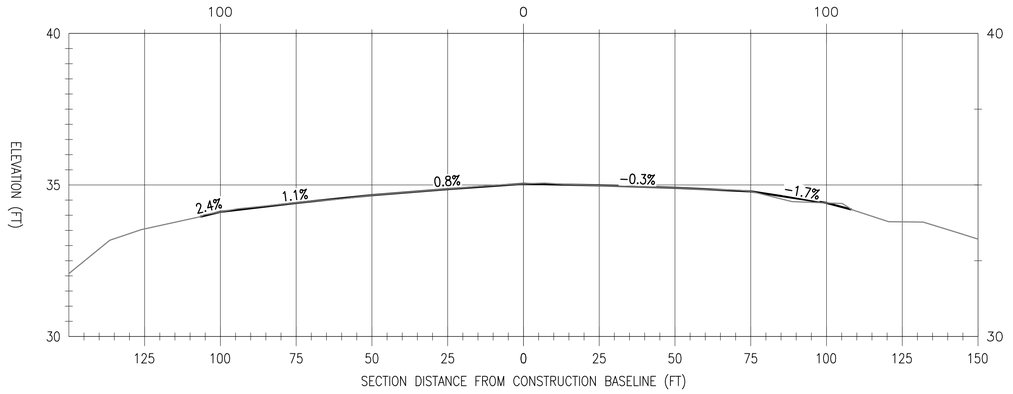

## STATION 71+00



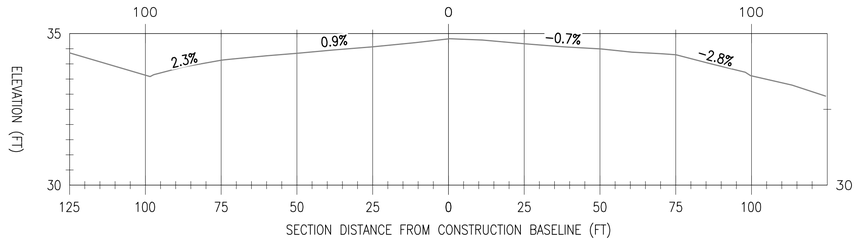

## STATION 72+00



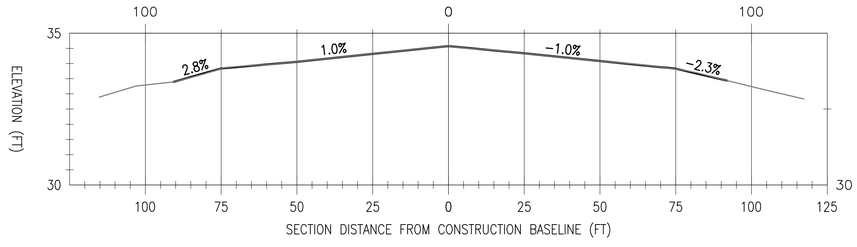

## STATION 73+00




## STATION 74+00




## STATION 75+00




A

# RUNWAY 4-22 SECTIONS (9 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG309

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

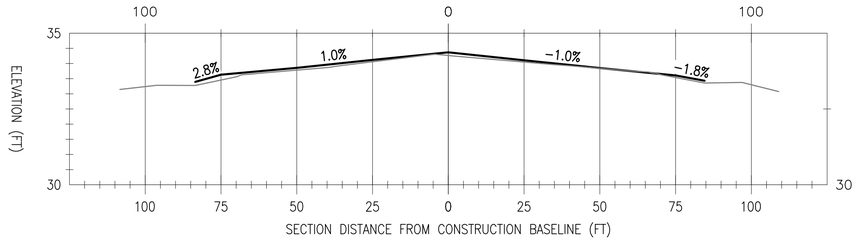
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 98 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

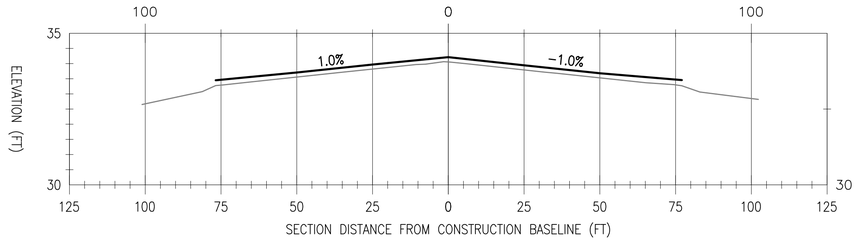
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17285

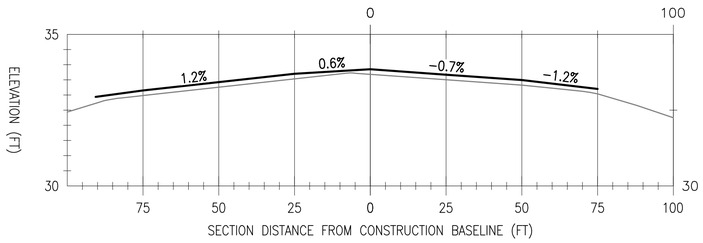
## STATION 76+00



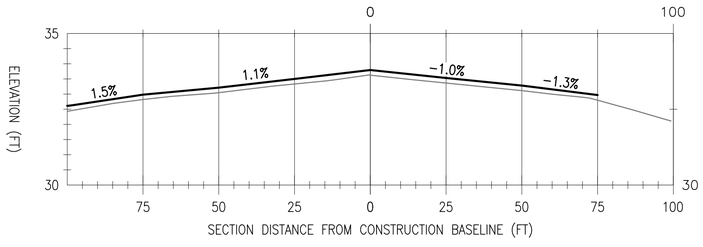

## STATION 77+00



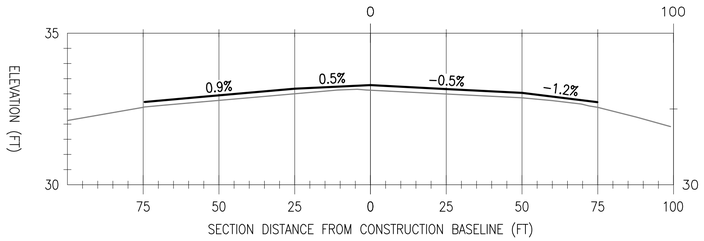

## STATION 78+00



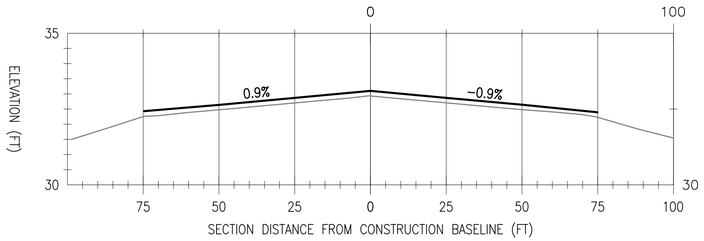

## STATION 79+00



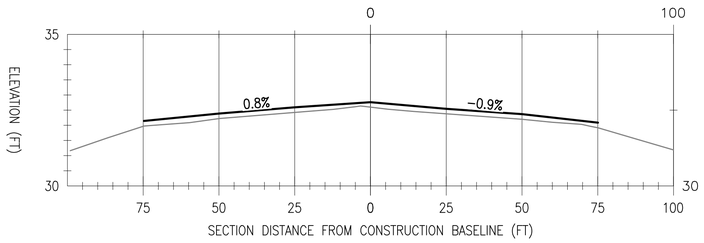

## STATION 80+00



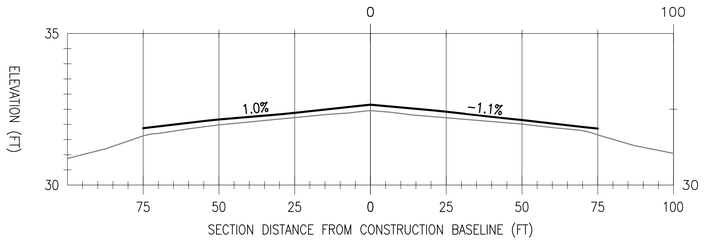

## STATION 81+00




## STATION 82+00




## STATION 83+00




A

# RUNWAY 4-22 SECTIONS (10 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG310

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER

BRANCH APPROVAL
BRANCH HEAD

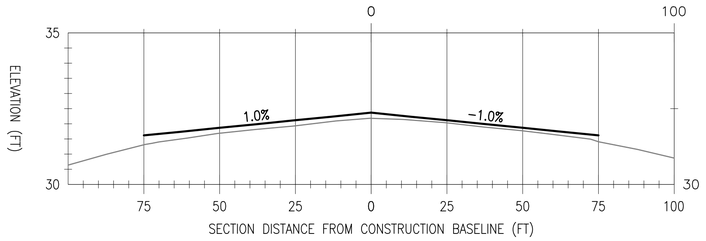
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 93 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 4-22 SECTIONS

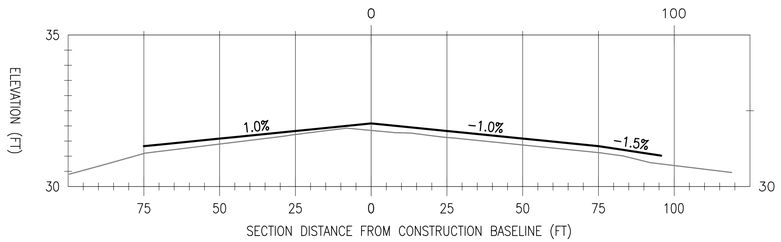
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17286

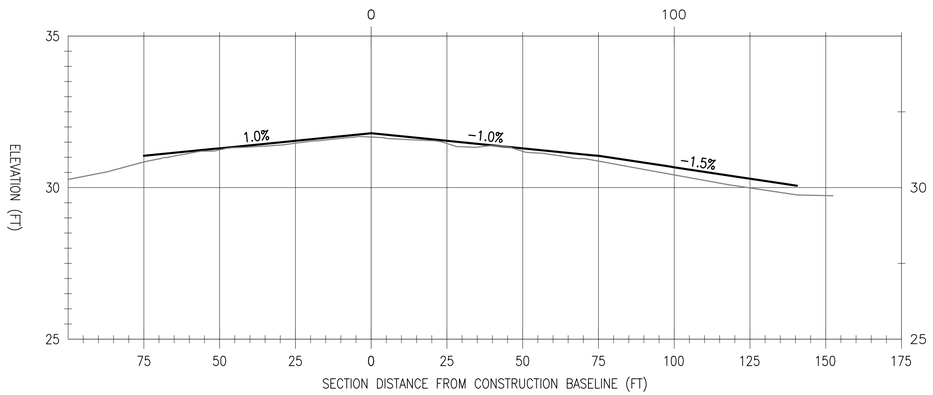
## STATION 84+00



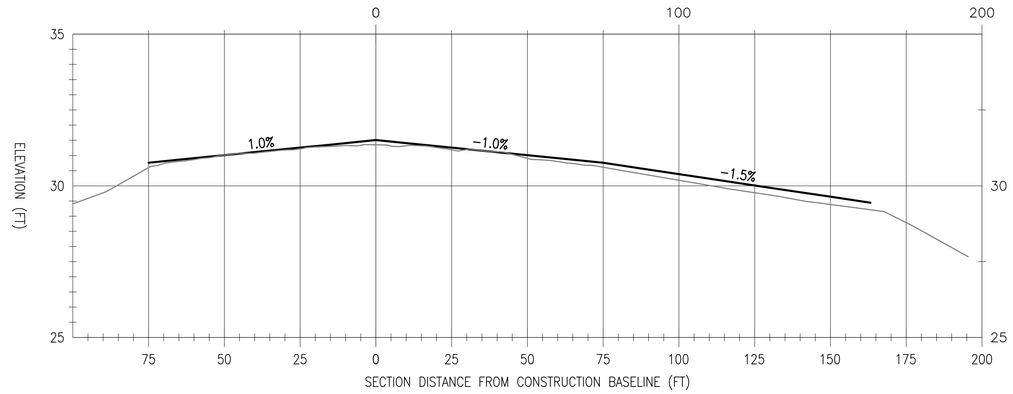

## STATION 85+00




## STATION 86+00




## STATION 87+00




# A RUNWAY 4-22 SECTIONS (11 OF 11)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG311

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

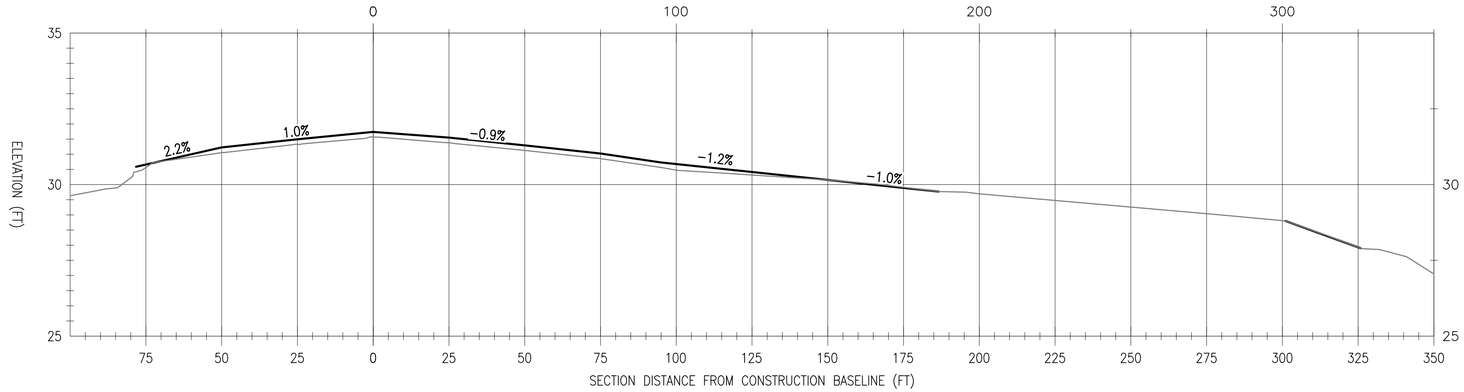
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
O & M
CONSTRUCTION MANAGEMENT
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 100 OF 171

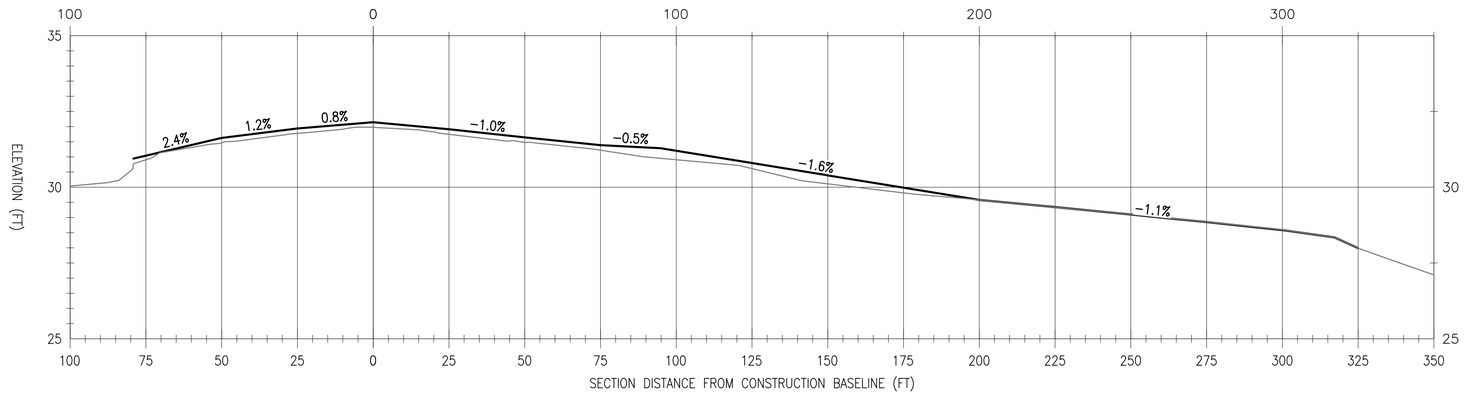
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
RUNWAY 4-22 SECTIONS

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:
DRAWING NO. 17287

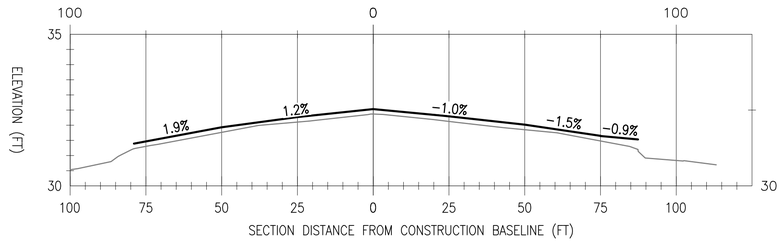
## STATION 1+00




## STATION 2+00




## STATION 3+00




A

# RUNWAY 17-35 SECTIONS (1 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG312

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

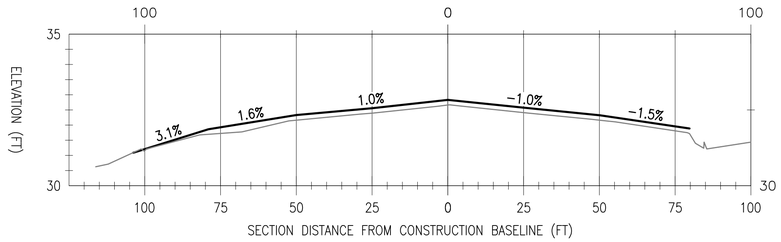
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 101 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

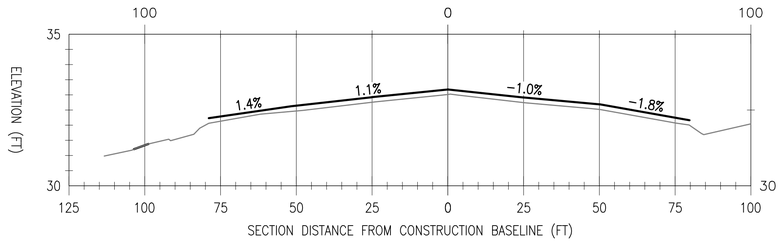
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17288

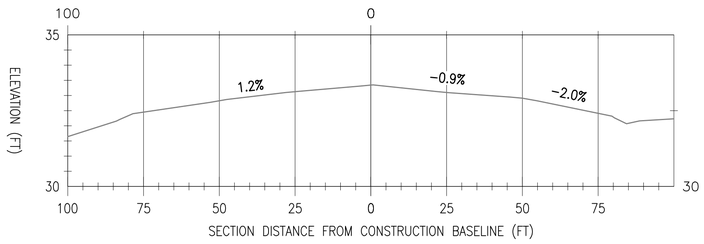
## STATION 4+00



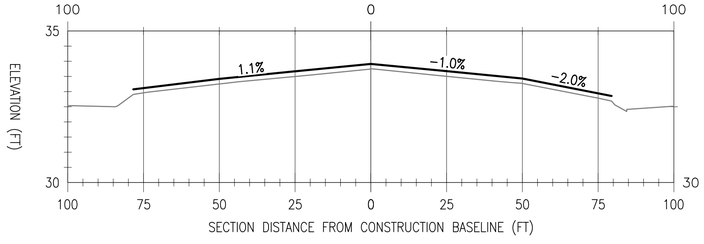

## STATION 5+00



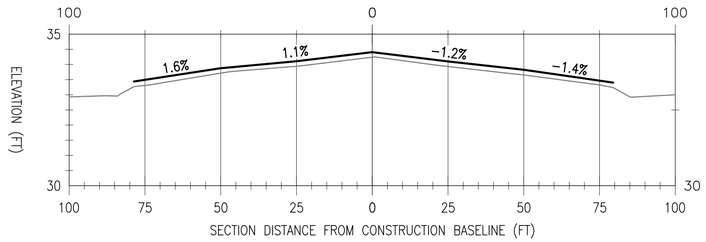

## STATION 6+00



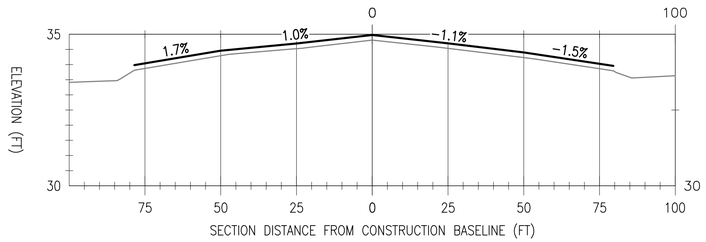

## STATION 7+00



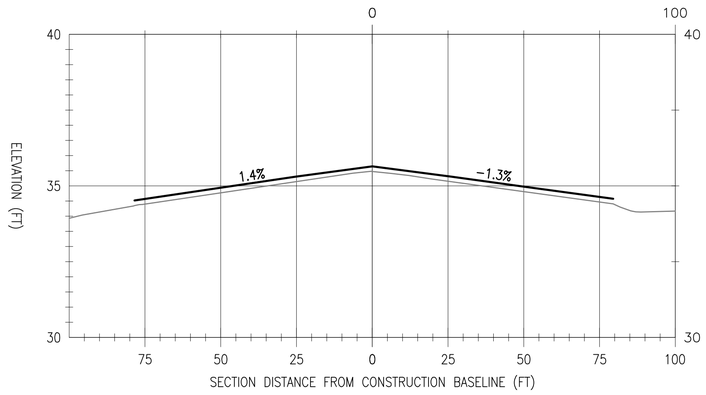

## STATION 8+00




## STATION 9+00




## STATION 10+00




# A RUNWAY 17-35 SECTIONS (2 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG313

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

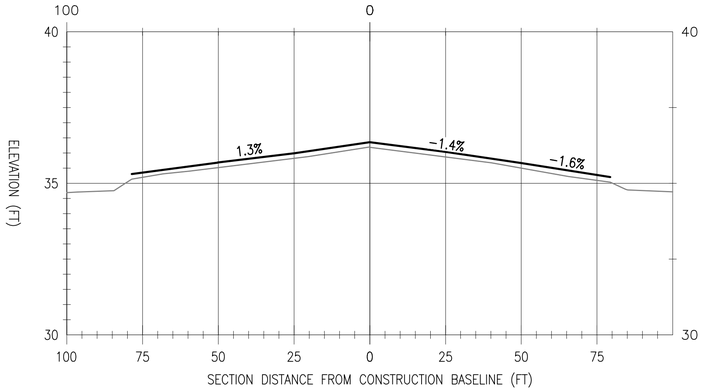
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 102 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

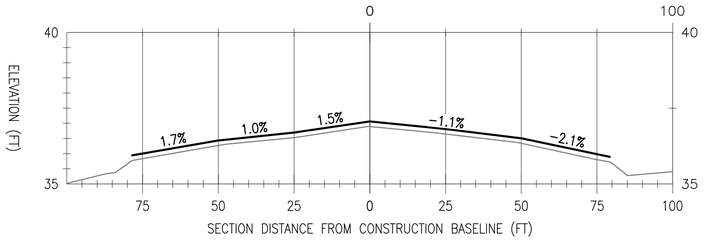
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17289

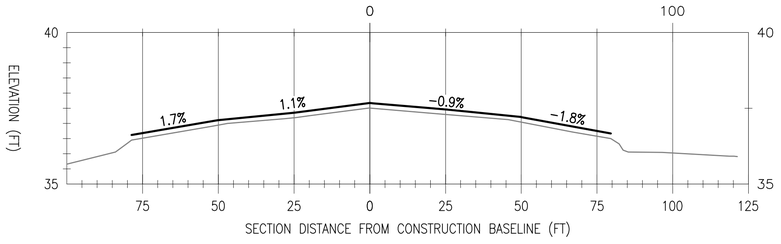
## STATION 11+00



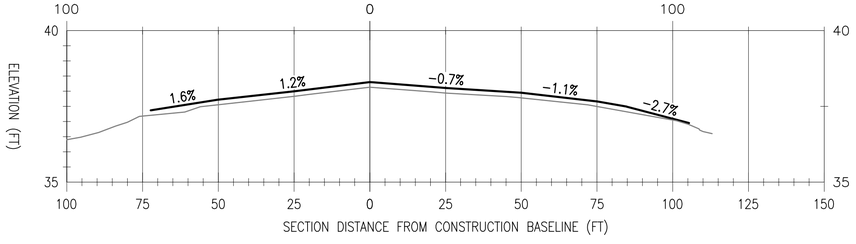

## STATION 12+00



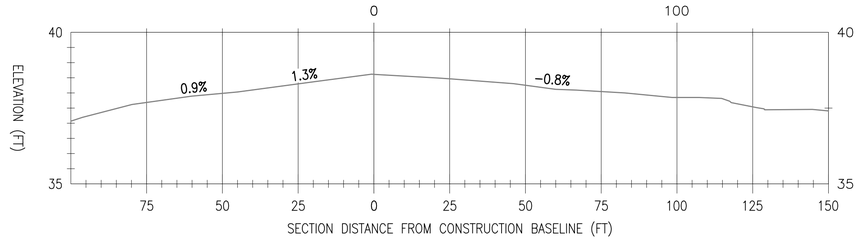

## STATION 13+00



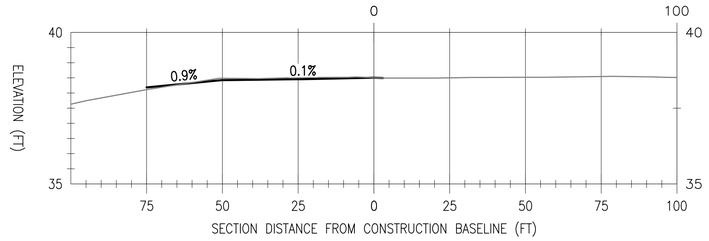

## STATION 14+00



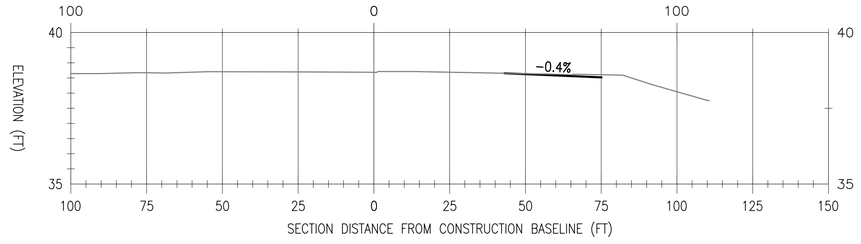

## STATION 15+00



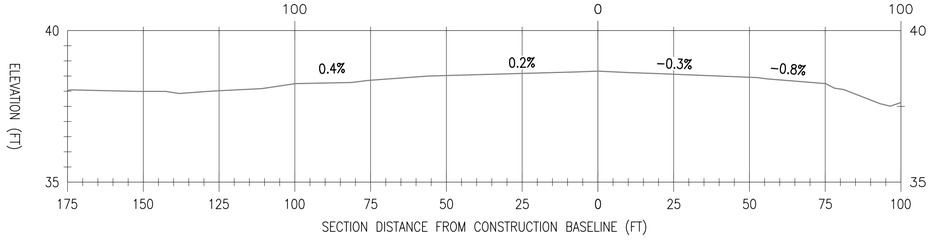

## STATION 16+00




## STATION 18+00




## STATION 19+00




A

# RUNWAY 17-35 SECTIONS (3 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG314

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

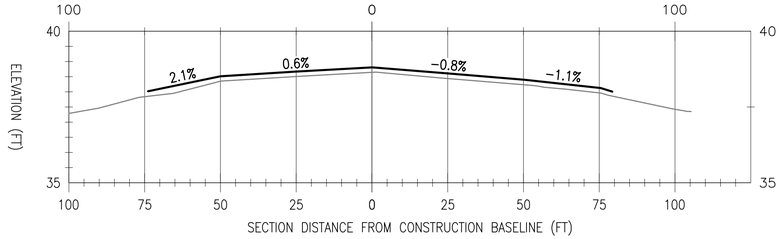
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337256-CG
SCALE 1" = 25'
SHEET 103 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

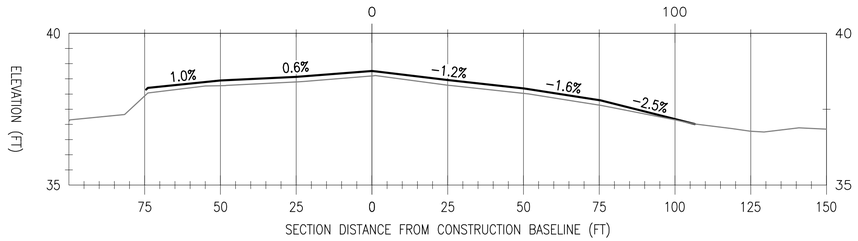
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17290

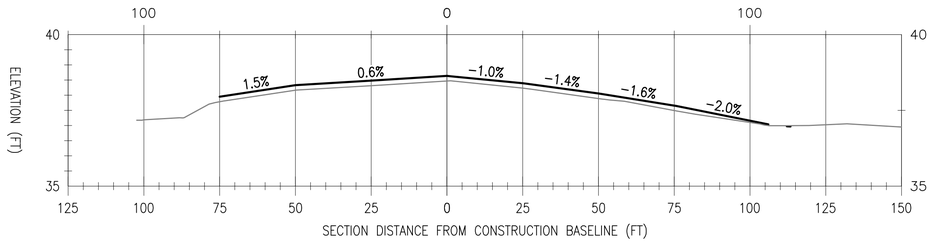
## STATION 20+00



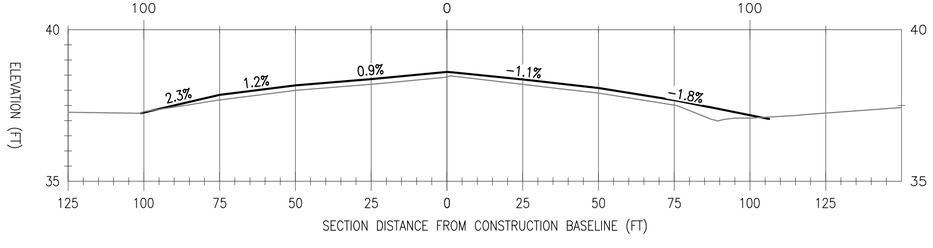

## STATION 21+00



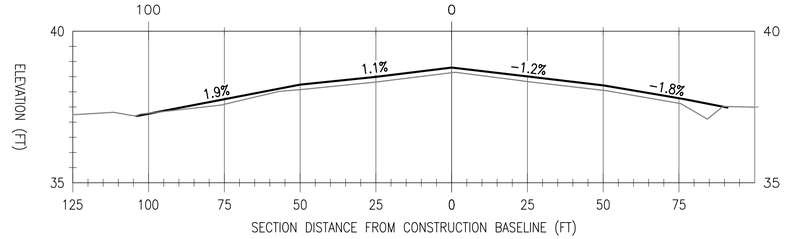

## STATION 22+00



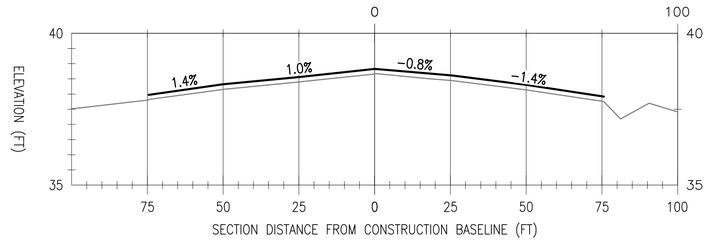

## STATION 23+00



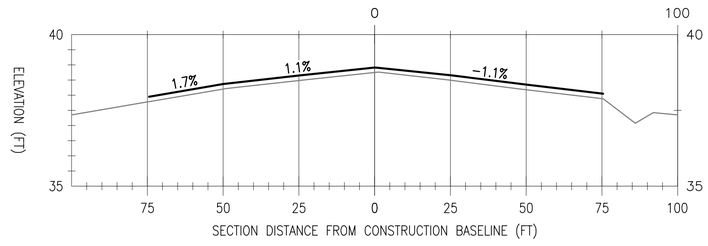

## STATION 24+00



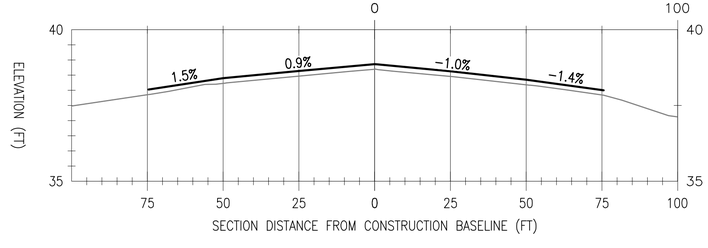

## STATION 25+00




## STATION 26+00




## STATION 27+00




A

# RUNWAY 17-35 SECTIONS (4 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG315

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION
O & M
CONSTRUCTION MANAGEMENT
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

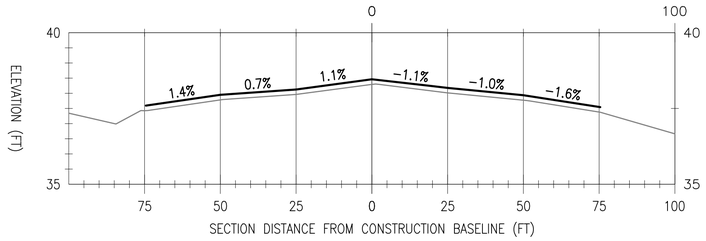
GRAPHIC SCALE 0' 25' 50'
1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 104 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

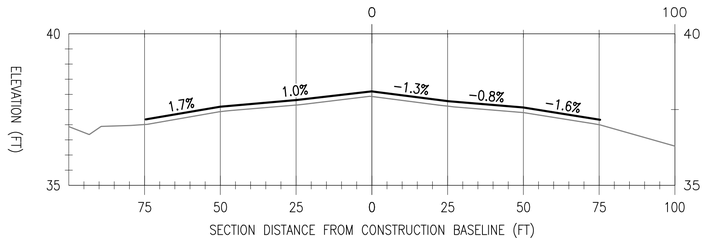
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17291

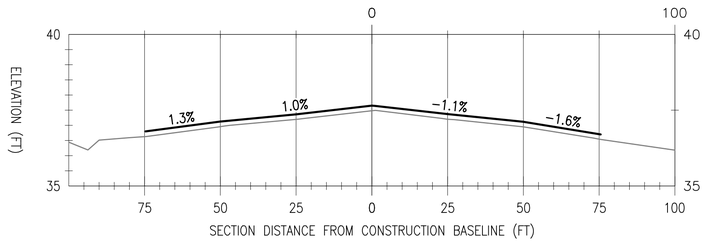
## STATION 28+00



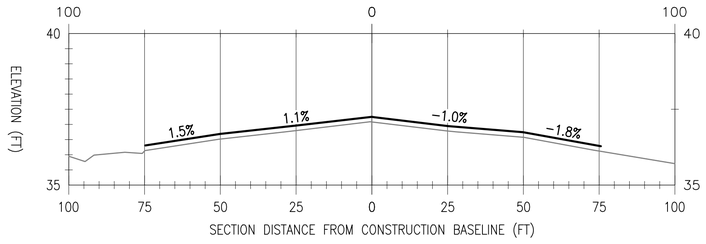

## STATION 29+00



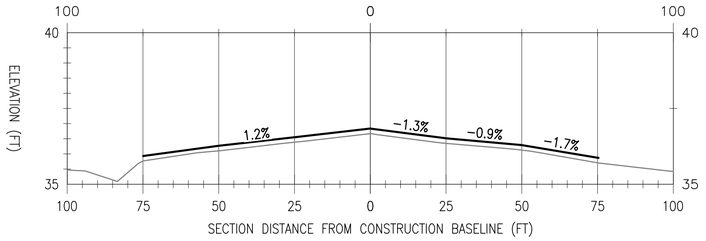

## STATION 30+00



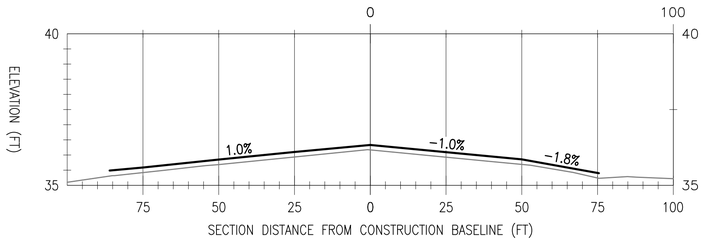

## STATION 31+00



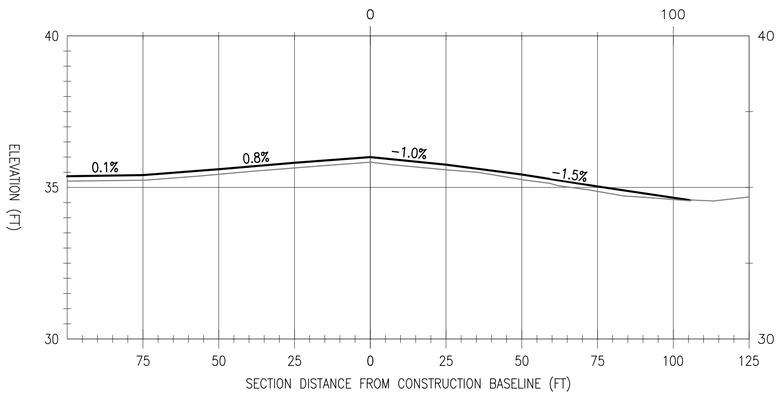

## STATION 32+00




## STATION 33+00




## STATION 34+00




A

# RUNWAY 17-35 SECTIONS (5 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG316

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

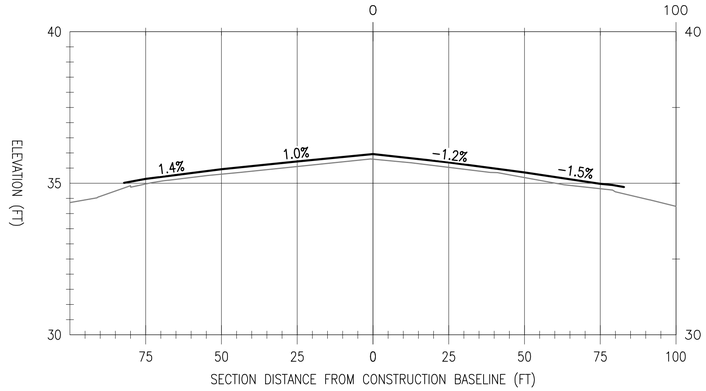
GRAPHIC SCALE 0' 25' 50' — 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 105 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

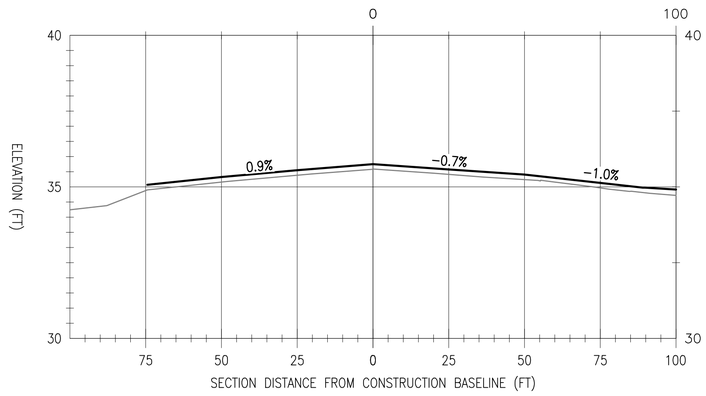
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17292

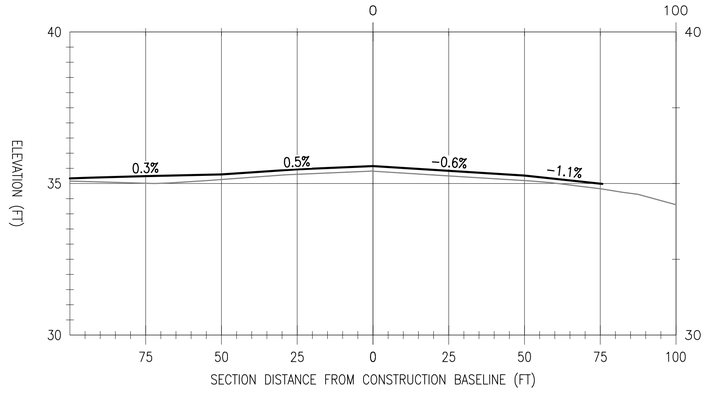
## STATION 35+00



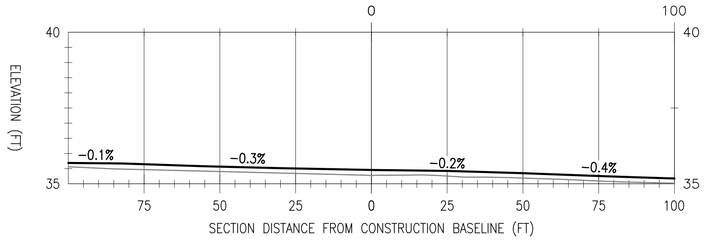

## STATION 36+00



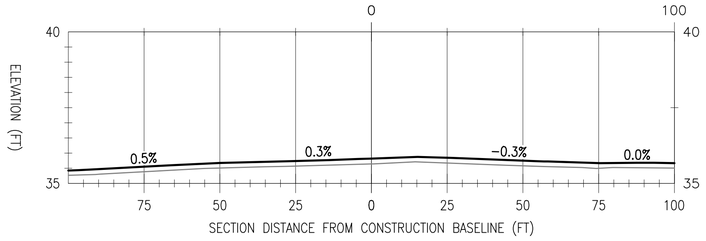

## STATION 37+00



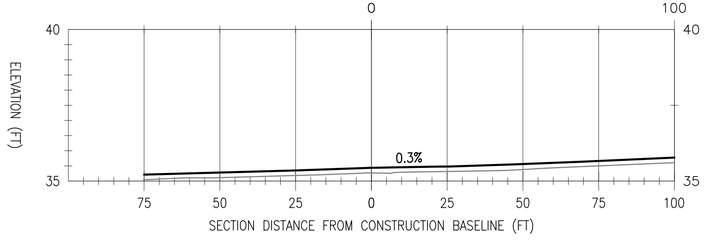

## STATION 38+00




## STATION 39+00




## STATION 40+00




A

# RUNWAY 17-35 SECTIONS (6 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG317

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

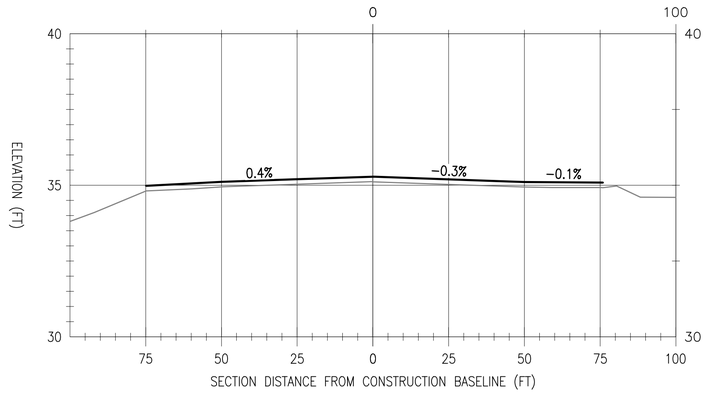
GRAPHIC SCALE 1"=25' 0' 25' 50'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 106 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

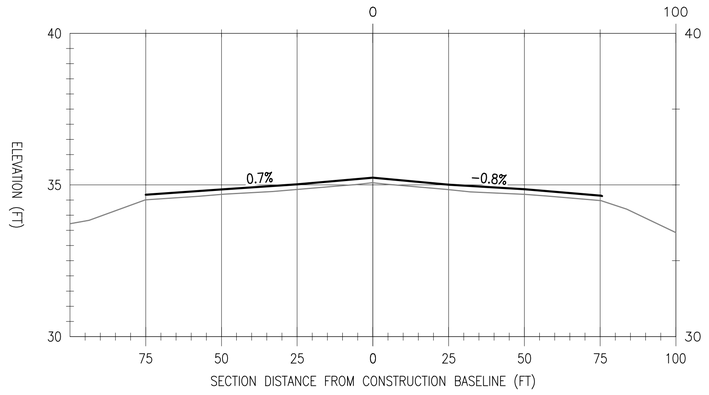
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17293

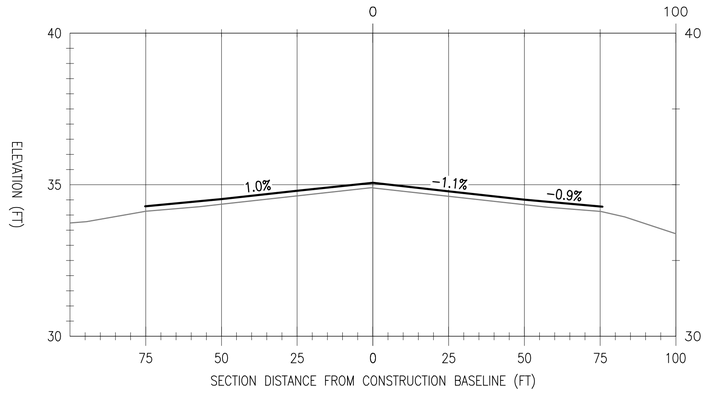
## STATION 41+00



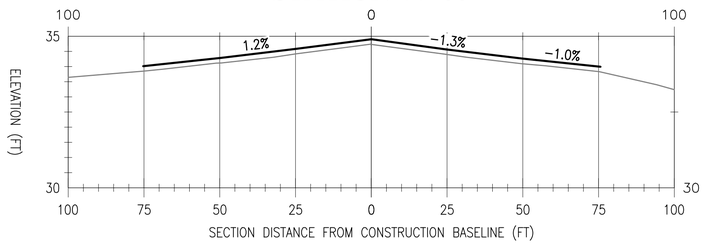

## STATION 42+00



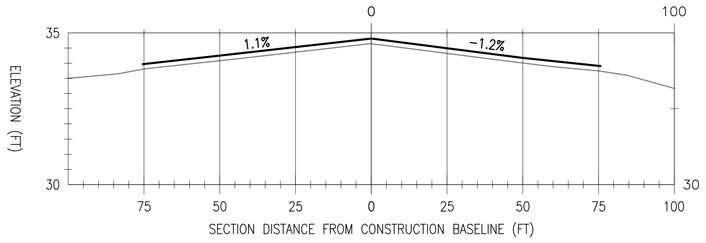

## STATION 43+00



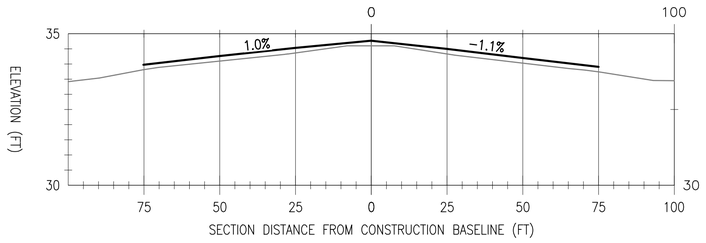

## STATION 44+00




## STATION 45+00




## STATION 46+00




# A RUNWAY 17-35 SECTIONS (7 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG318

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

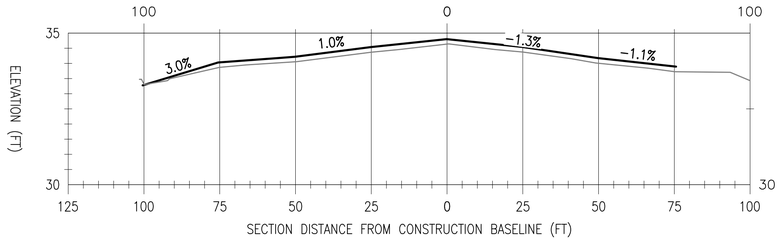
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 107 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
RUNWAY 17-35 SECTIONS

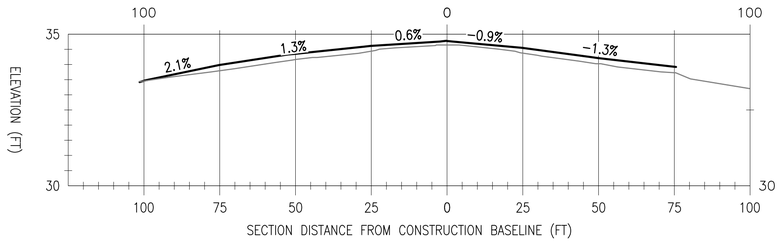
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17294

## STATION 47+00




## STATION 48+00




A

# RUNWAY 17-35 SECTIONS (8 OF 8)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG319

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

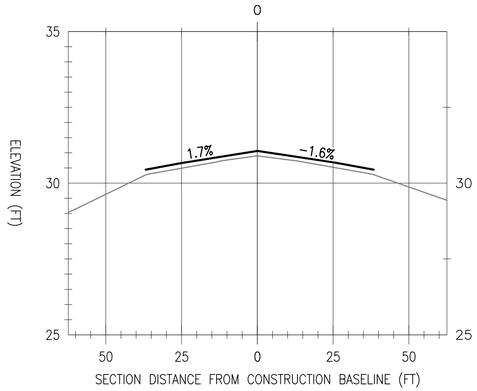
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 108 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
RUNWAY 17-35 SECTIONS

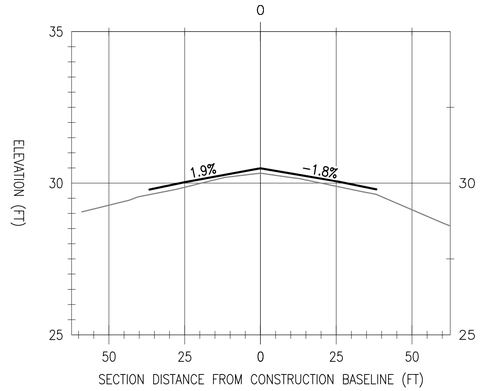
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17295

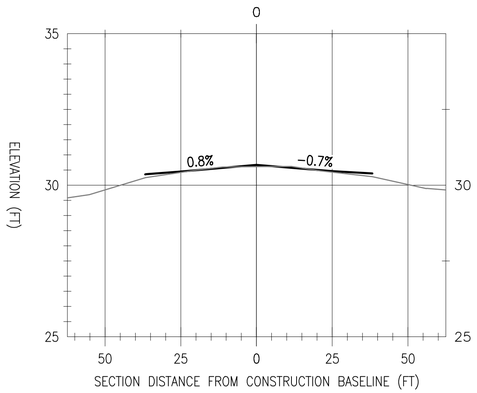
## STATION 10+00



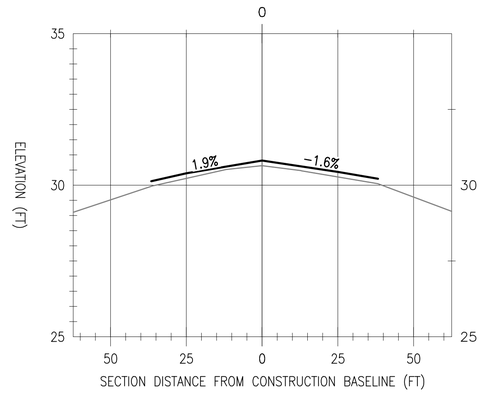

## STATION 13+00



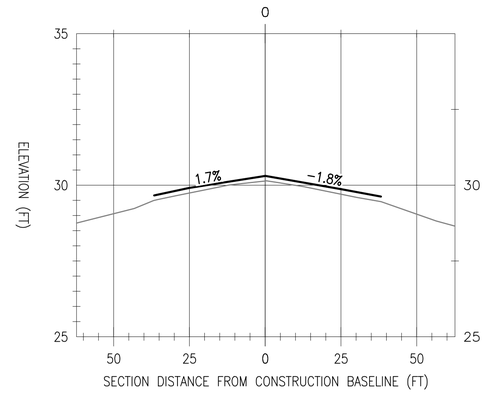

## STATION 8+00



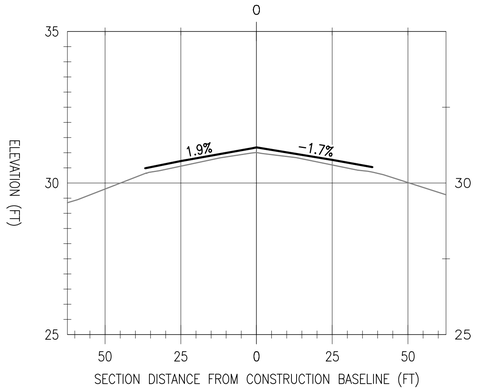

## STATION 11+00



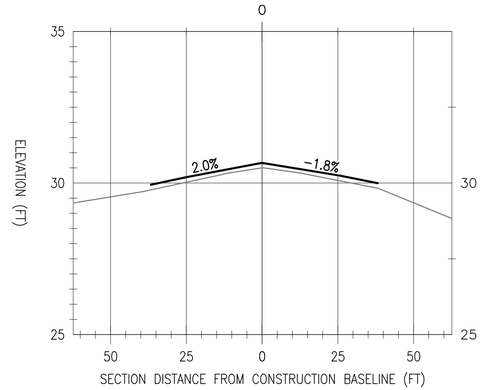

## STATION 14+00



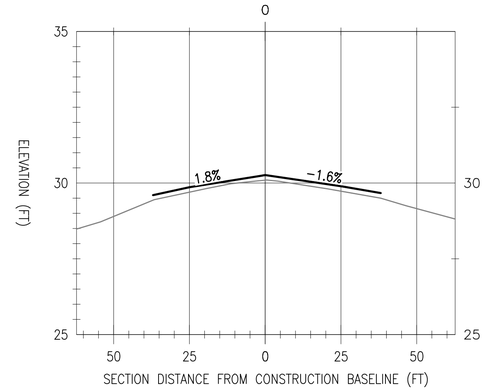

## STATION 9+00




## STATION 12+00




## STATION 15+00




# A TAXIWAY ECHO SECTIONS (1 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG320

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

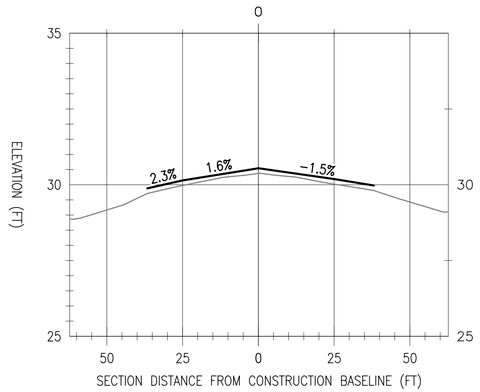
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 109 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

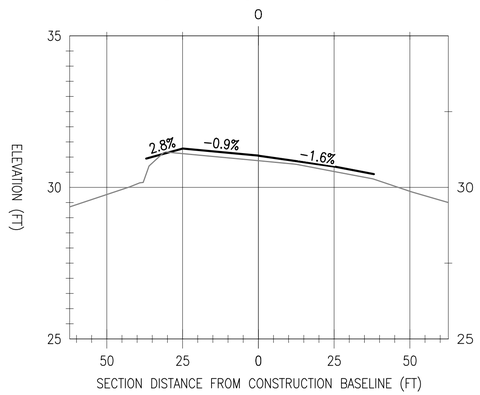
PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:

DRAWING NO. 17296

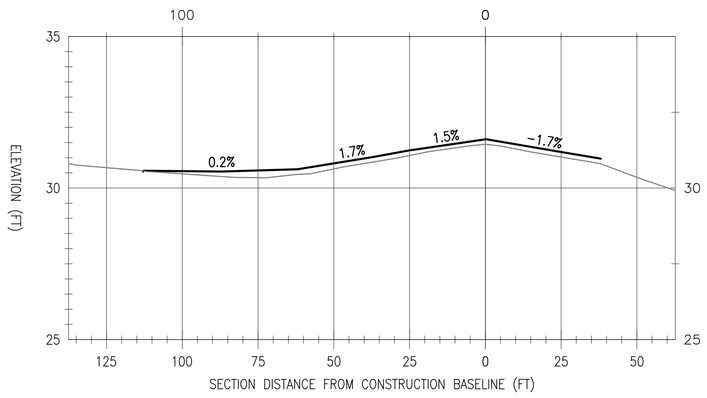
## STATION 16+00



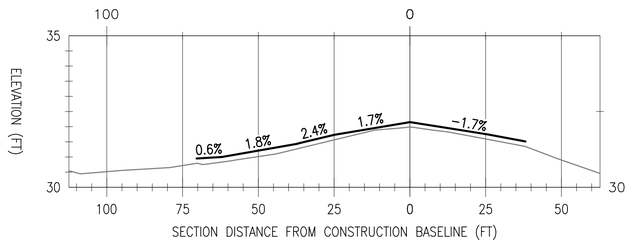

## STATION 17+00



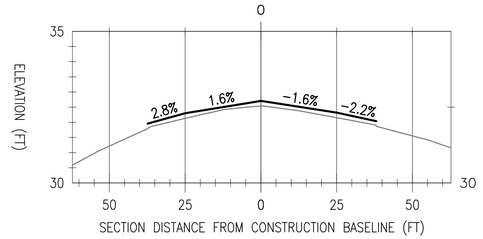

## STATION 18+00



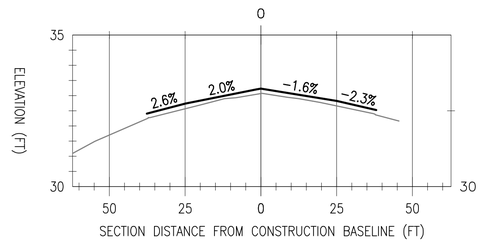

## STATION 19+00



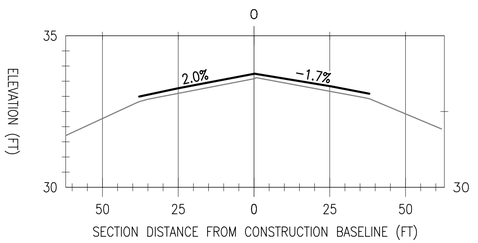

## STATION 20+00




## STATION 21+00




## STATION 22+00




A **TAXIWAY ECHO SECTIONS (2 OF 9)**

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG321

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

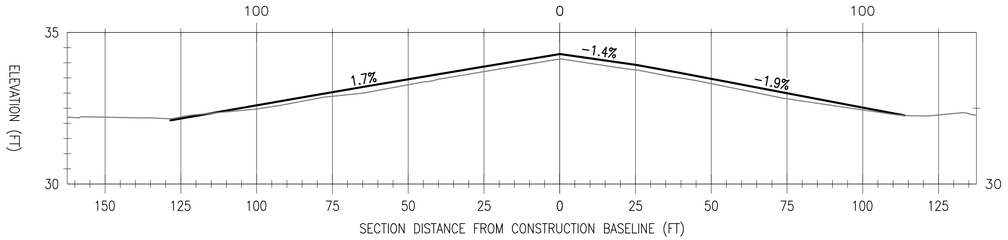
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 110 OF 171

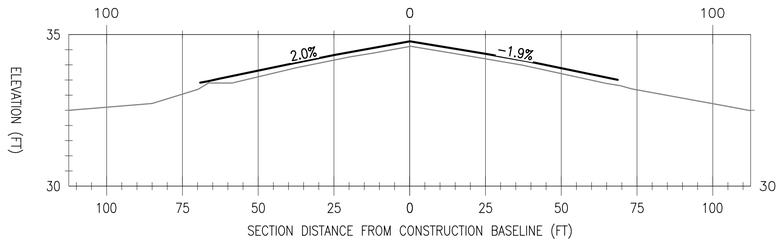
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
TAXIWAY ECHO SECTIONS

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:
DRAWING NO. 17297

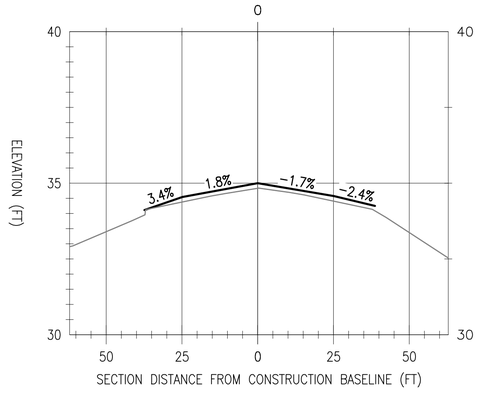
## STATION 23+00



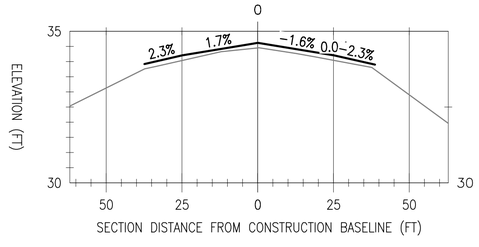

## STATION 24+00



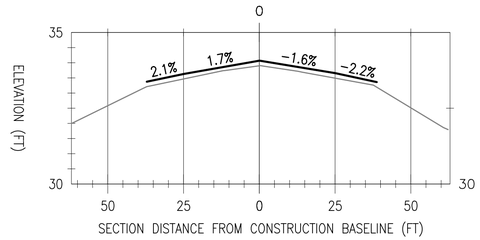

## STATION 25+00



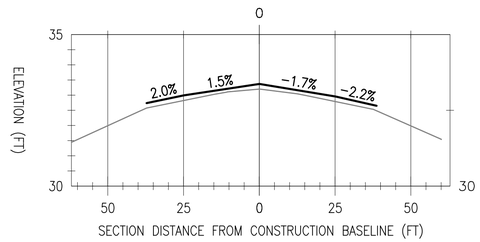

## STATION 26+00



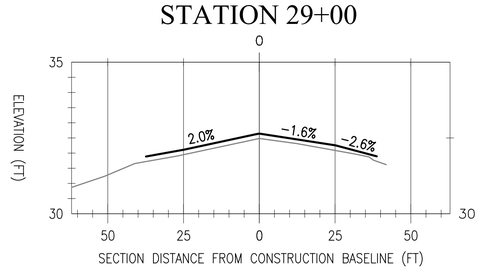

## STATION 27+00



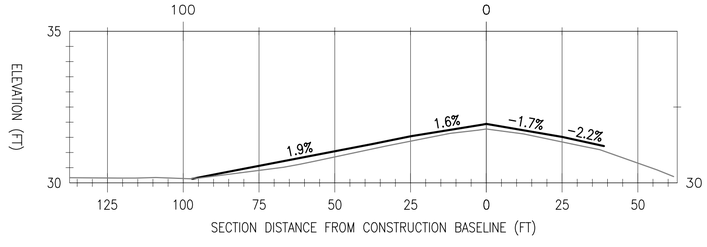

## STATION 28+00




## STATION 29+00




## STATION 30+00




# A TAXIWAY ECHO SECTIONS (3 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG322

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

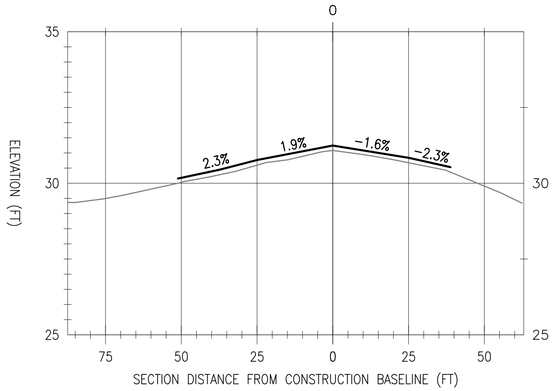
GRAPHIC SCALE 0' 25' 50' — 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 111 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

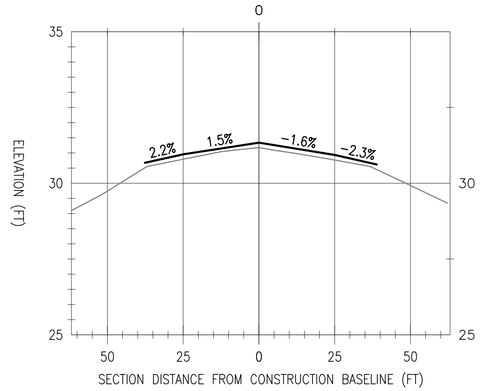
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17298

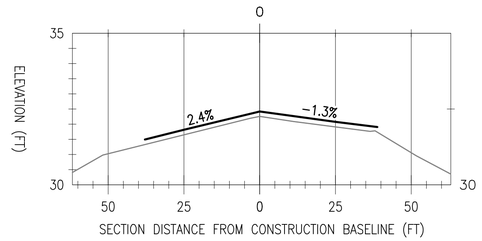
## STATION 31+00



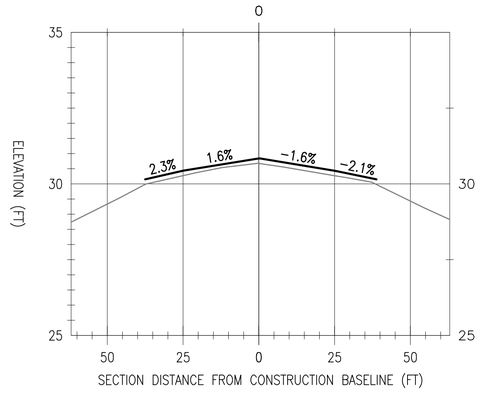

## STATION 34+00



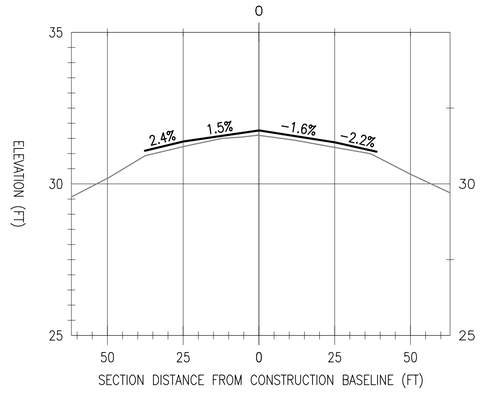

## STATION 37+00



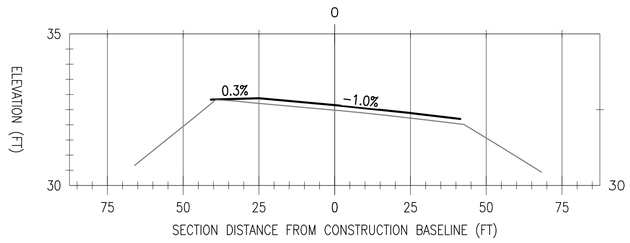

## STATION 32+00



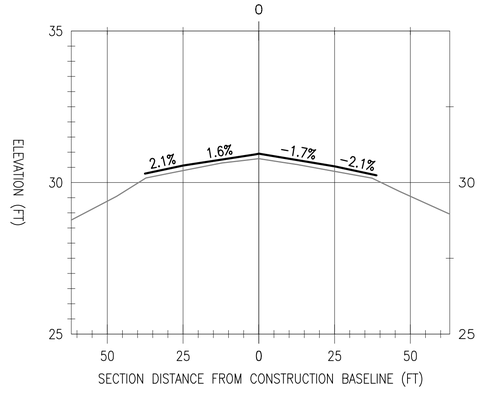

## STATION 35+00



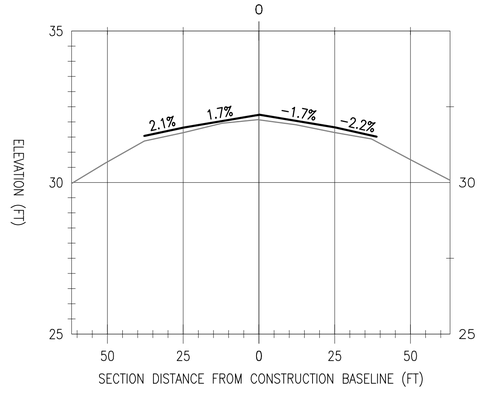

## STATION 38+00



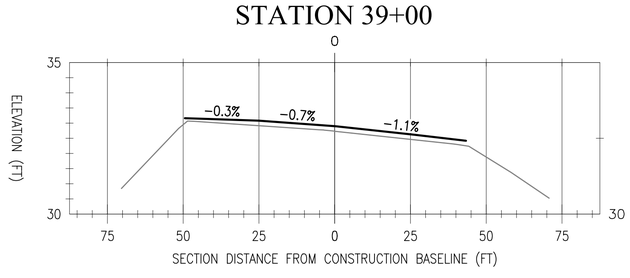

## STATION 33+00




## STATION 36+00




## STATION 39+00




# A TAXIWAY ECHO SECTIONS (4 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG323

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

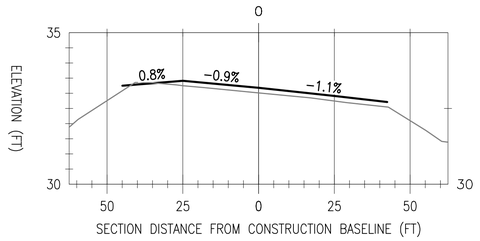
GRAPHIC SCALE 0' 25' 50' — 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 112 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

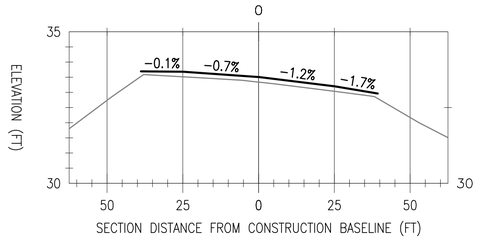
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17299

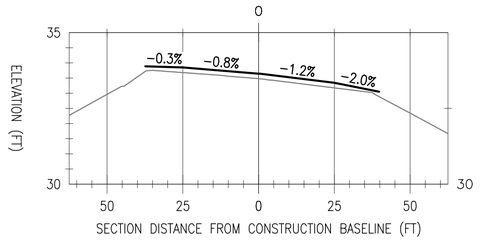
## STATION 40+00



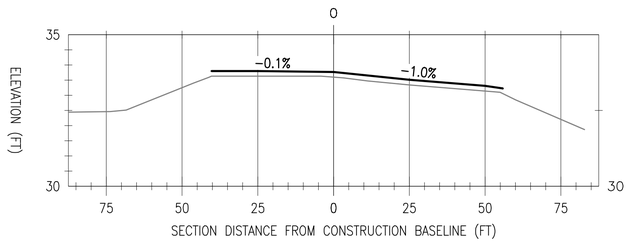

## STATION 41+00



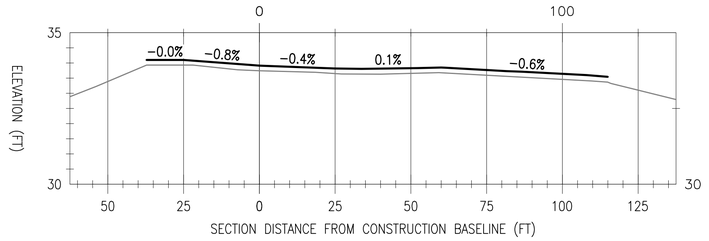

## STATION 42+00



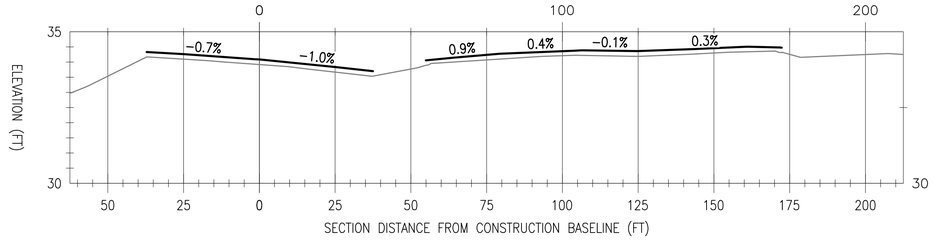

## STATION 43+00



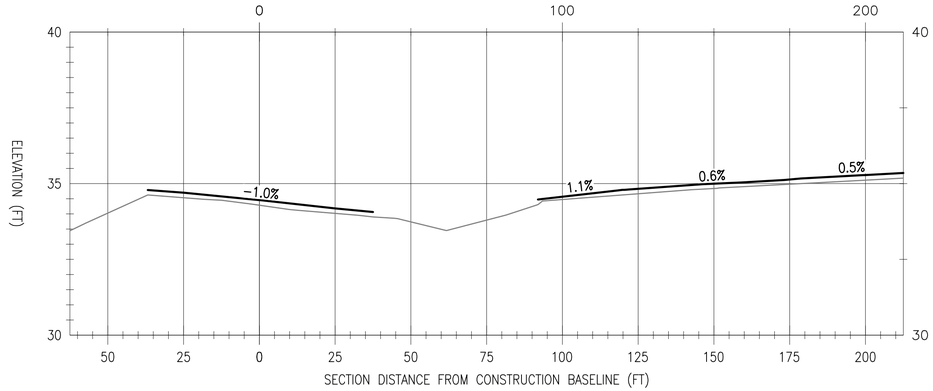

## STATION 44+00




## STATION 45+00




## STATION 46+00




# A TAXIWAY ECHO SECTIONS (5 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG324

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

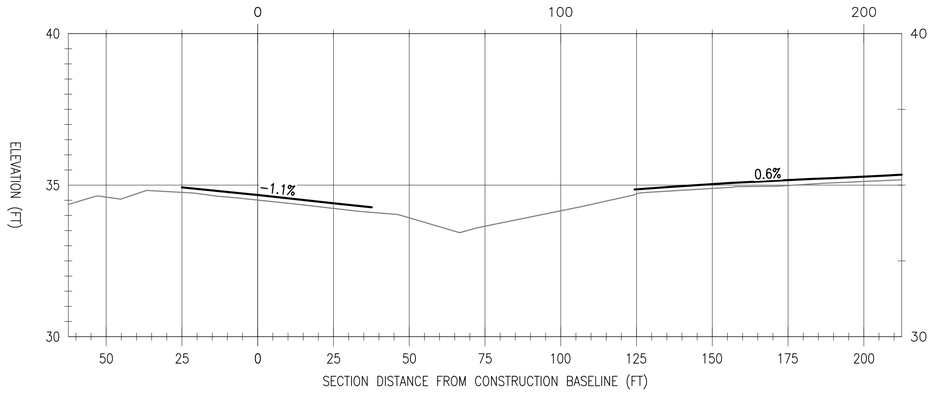
PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 113 OF 171

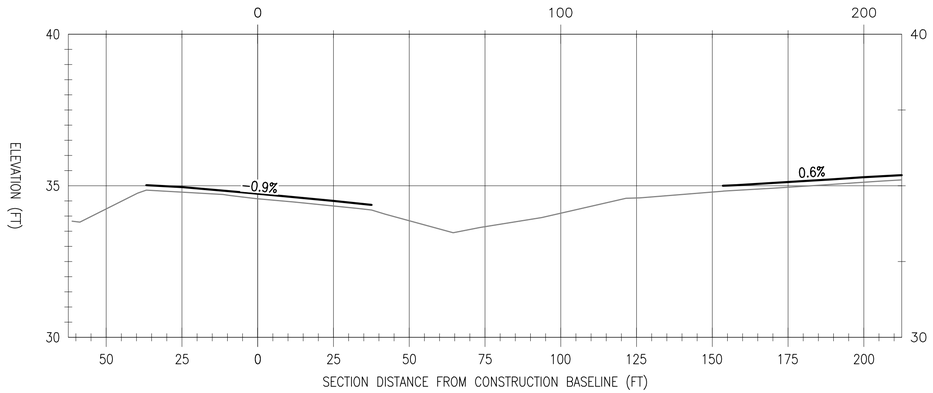
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
TAXIWAY ECHO SECTIONS

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:
DRAWING NO. 17300

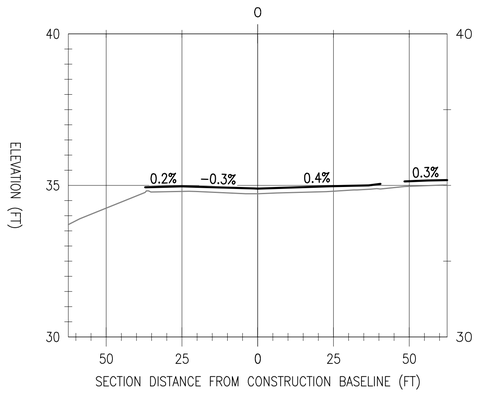
## STATION 47+00



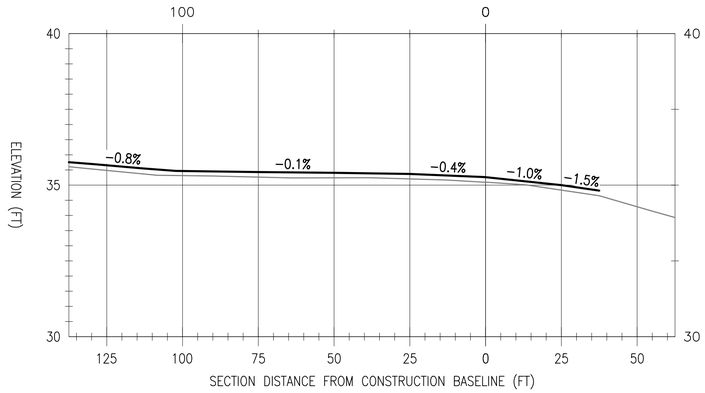

## STATION 48+00



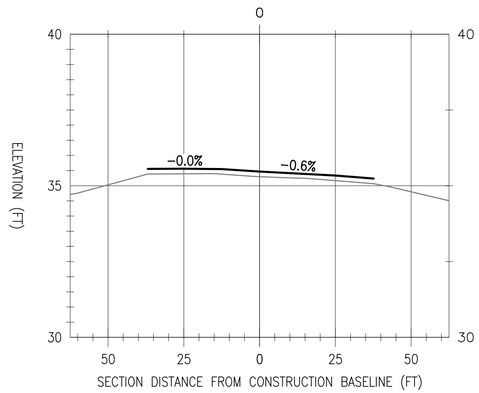

## STATION 49+00



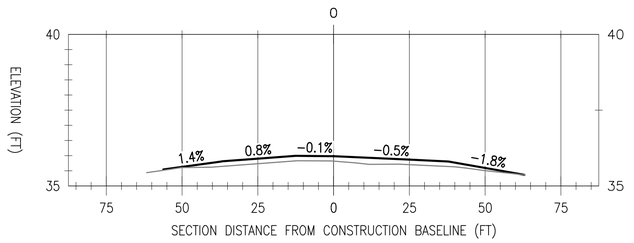

## STATION 52+00




## STATION 53+00




## STATION 54+00




# A TAXIWAY ECHO SECTIONS (6 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG325

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

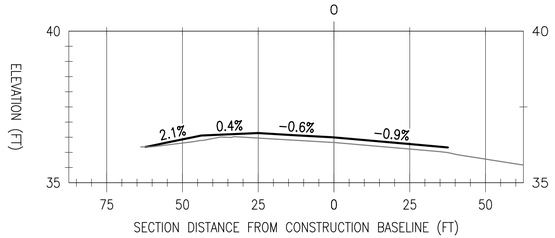
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 0' 25' 50' 1"=25'
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 114 OF 171

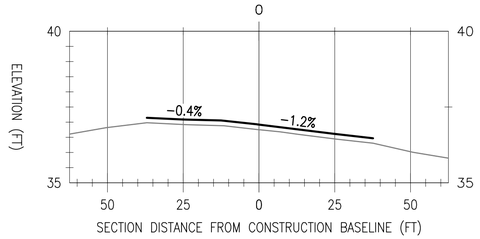
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE 1
TAXIWAY ECHO SECTIONS

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:
DRAWING NO. 17301

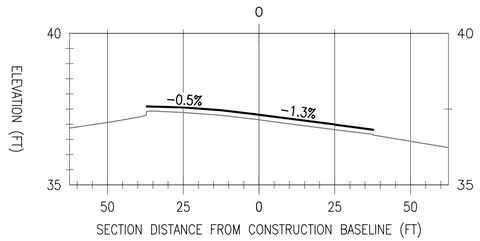
## STATION 55+00



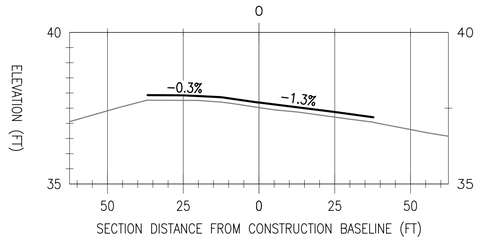

## STATION 56+00



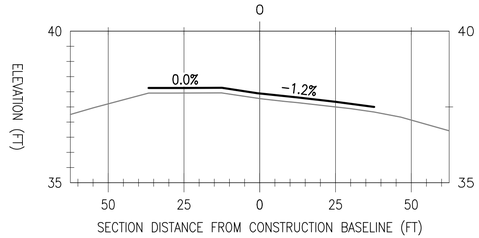

## STATION 57+00



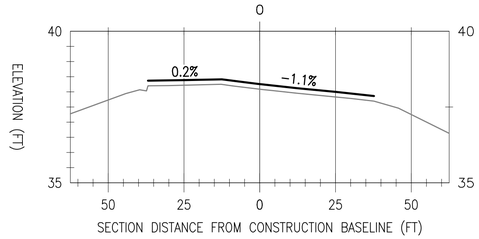

## STATION 58+00



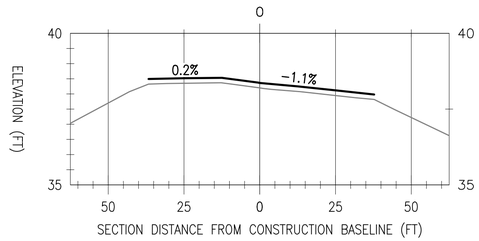

## STATION 59+00



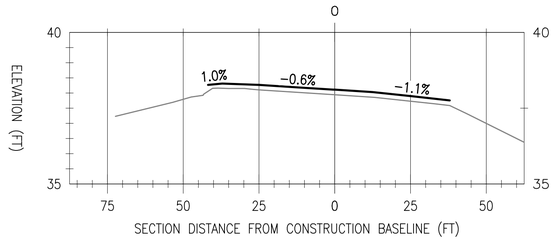

## STATION 60+00



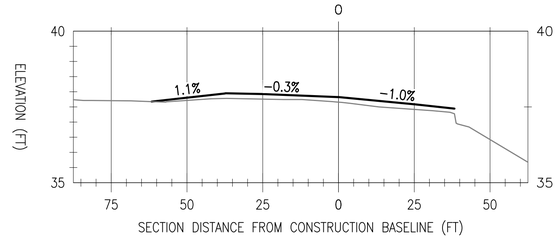

## STATION 61+00



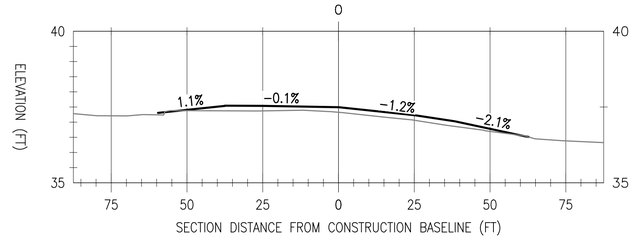

## STATION 62+00



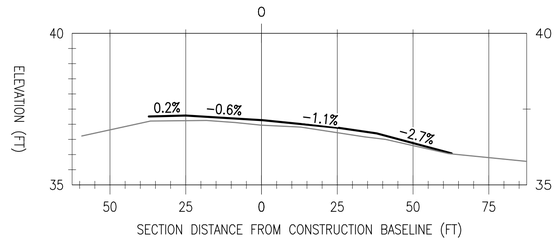

## STATION 63+00



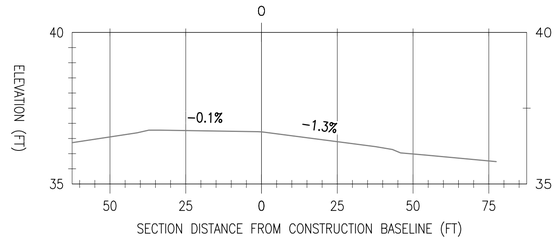

## STATION 64+00




## STATION 65+00




## STATION 66+00




# A TAXIWAY ECHO SECTIONS (7 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG326

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

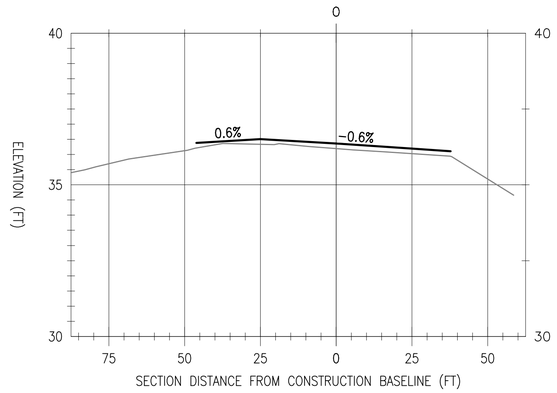
GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337256-CG
SCALE 1" = 25'
SHEET 115 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

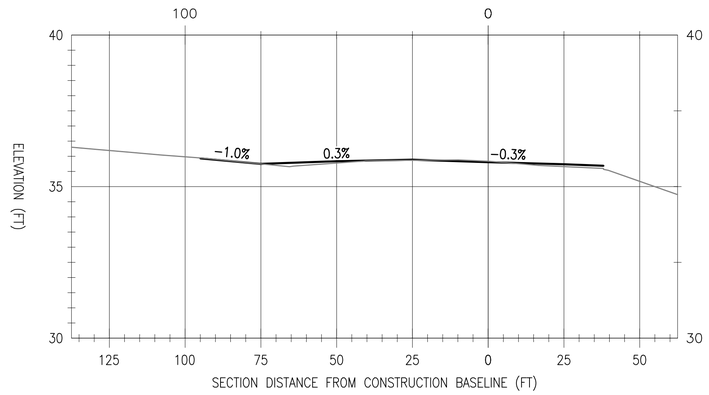
PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17302

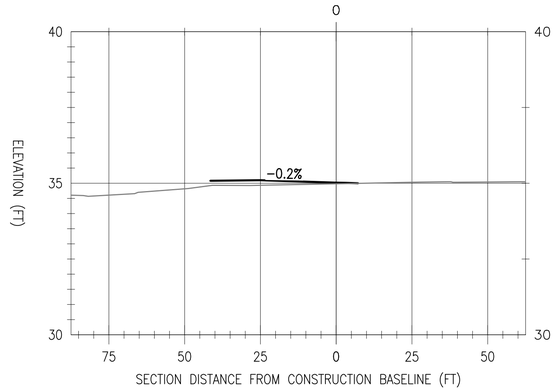
## STATION 67+00



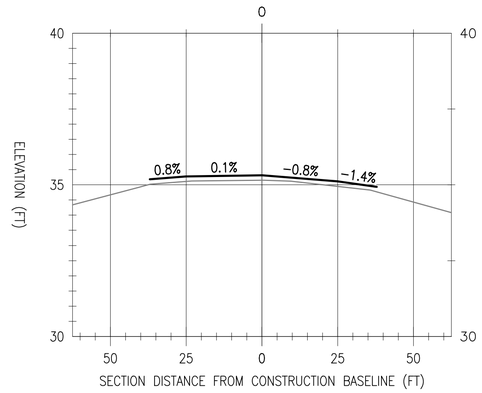

## STATION 68+00



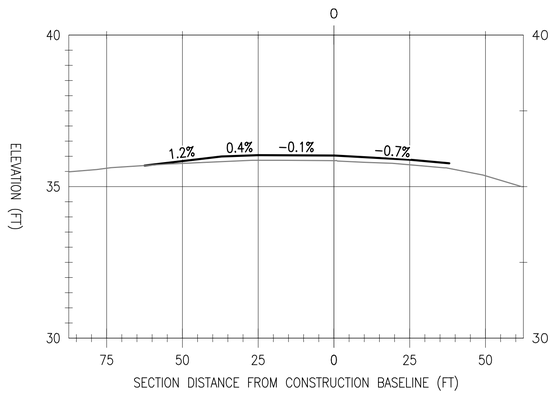

## STATION 71+00



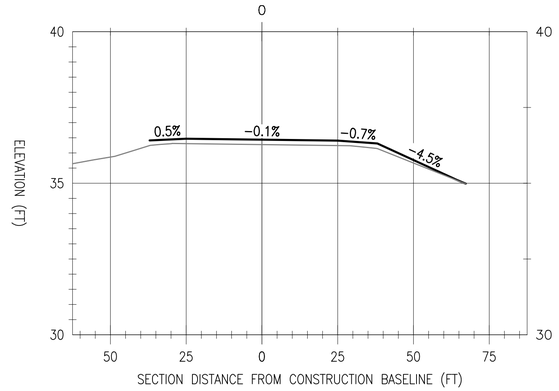

## STATION 72+00



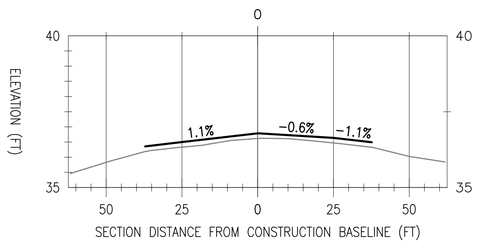

## STATION 73+00



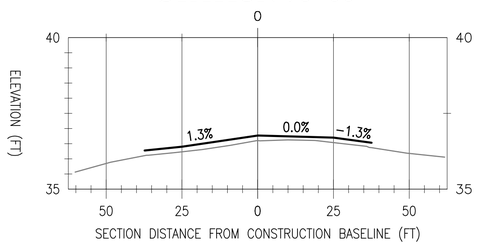

## STATION 74+00



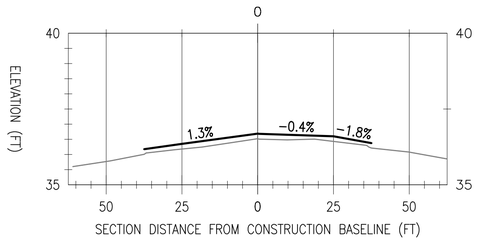

## STATION 75+00




## STATION 76+00




## STATION 77+00




# A TAXIWAY ECHO SECTIONS (8 OF 9)

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG327

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

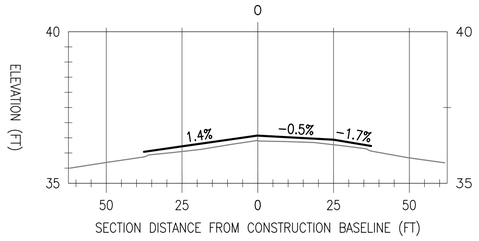
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 116 OF 171

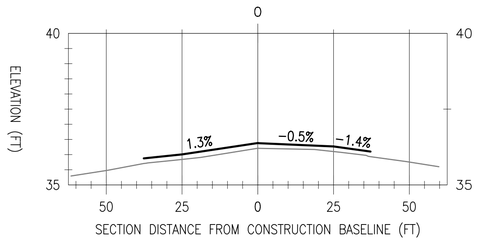
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

PROJECT NUMBER: 1368232
DR. STH DATE:
CK. LMH REVISED:
DRAWING NO. 17303

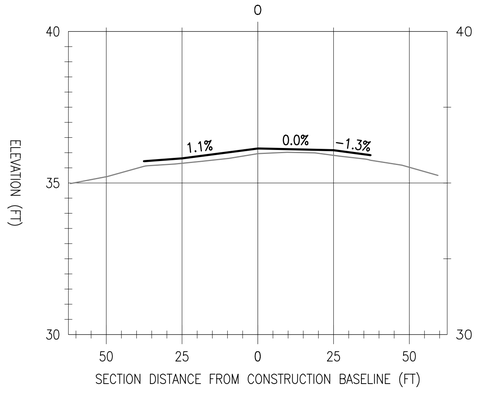
## STATION 78+00



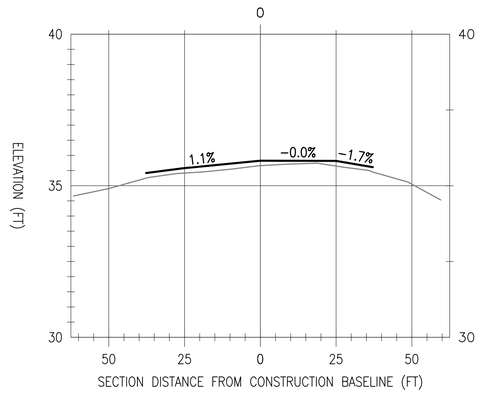

## STATION 79+00



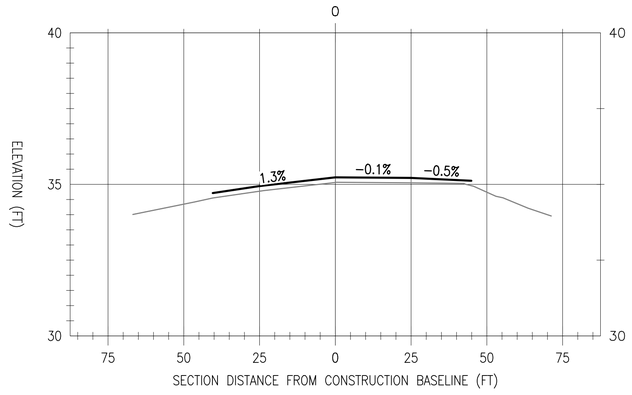

## STATION 80+00



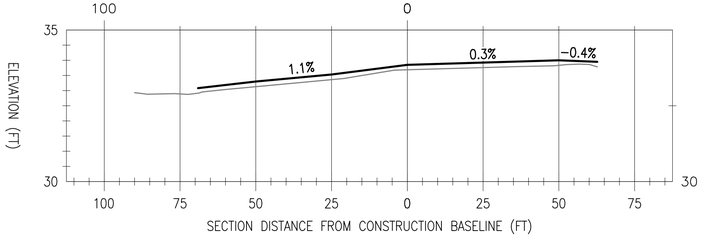

## STATION 81+00



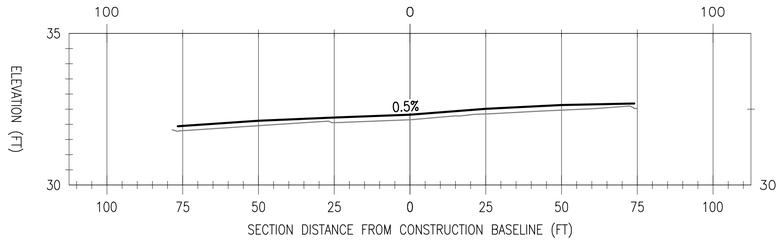

## STATION 82+00




## STATION 83+00




## STATION 84+00




A **TAXIWAY ECHO SECTIONS (9 OF 9)**

SCALE: 1" = 2.5' VERTICAL
1" = 25' HORIZONTAL

CG328

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337

| DATE | LET. | REVISIONS | CK. | AP. |
|---|---|---|---|---|
| | | | | |

PROJECT ENGINEER — 5/22/15
SUBMITTED BY — PROJECT MANAGER
NASA SAFETY
FIRE PROTECTION
CONSTRUCTION MANAGEMENT
O & M
ENGINEERING APPROVAL — ENGINEERING GROUP LEADER
BRANCH APPROVAL — BRANCH HEAD

GRAPHIC SCALE 1"=25' (0' 25' 50')
AUTOCAD – RELEASE 2010
FILE NAME: ...1337236-CG
SCALE 1" = 25'
SHEET 117 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
TAXIWAY ECHO SECTIONS

PROJECT NUMBER: 1368232
DR. STH | DATE:
CK. LMH | REVISED:

DRAWING NO. 17304