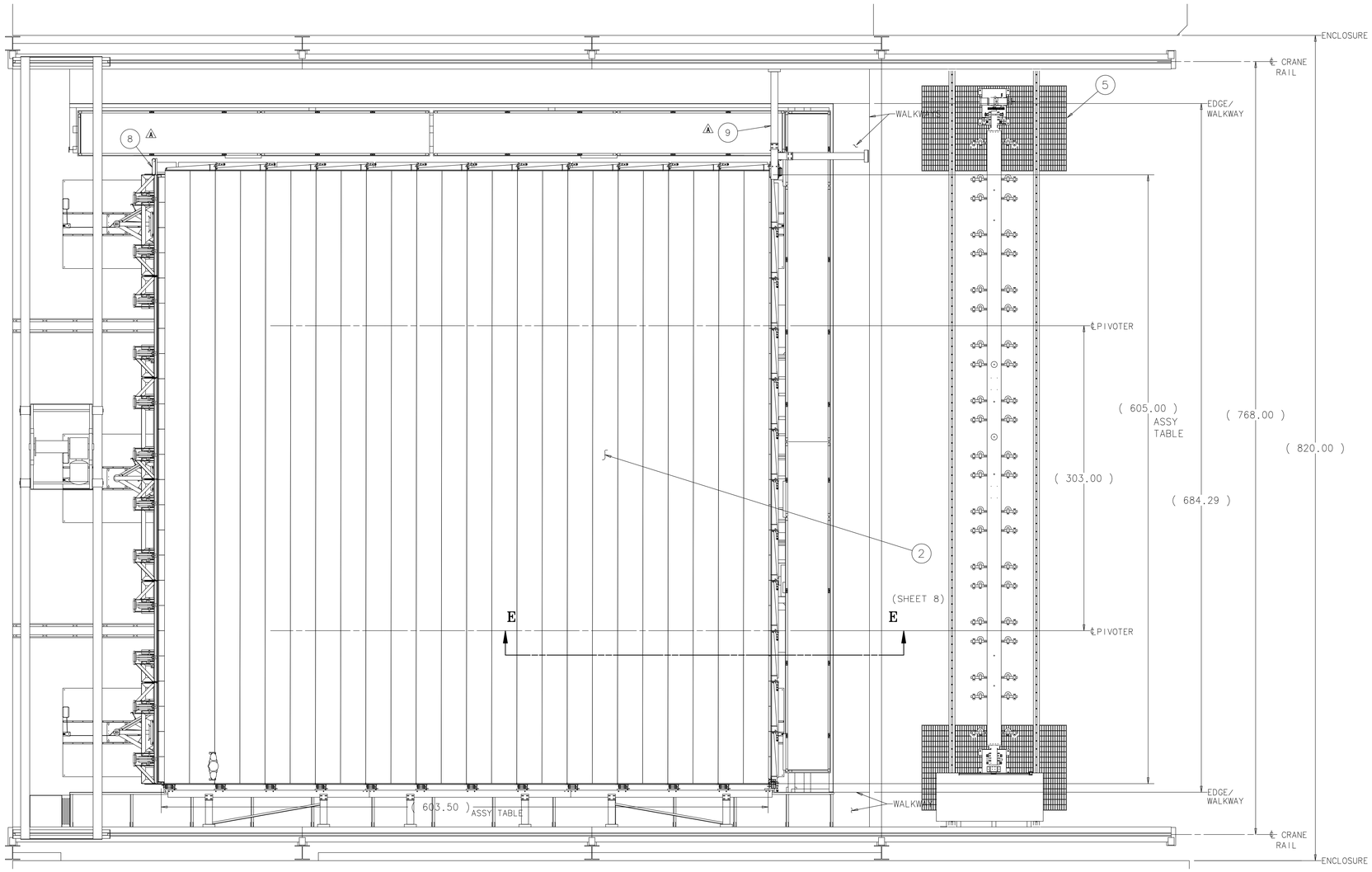
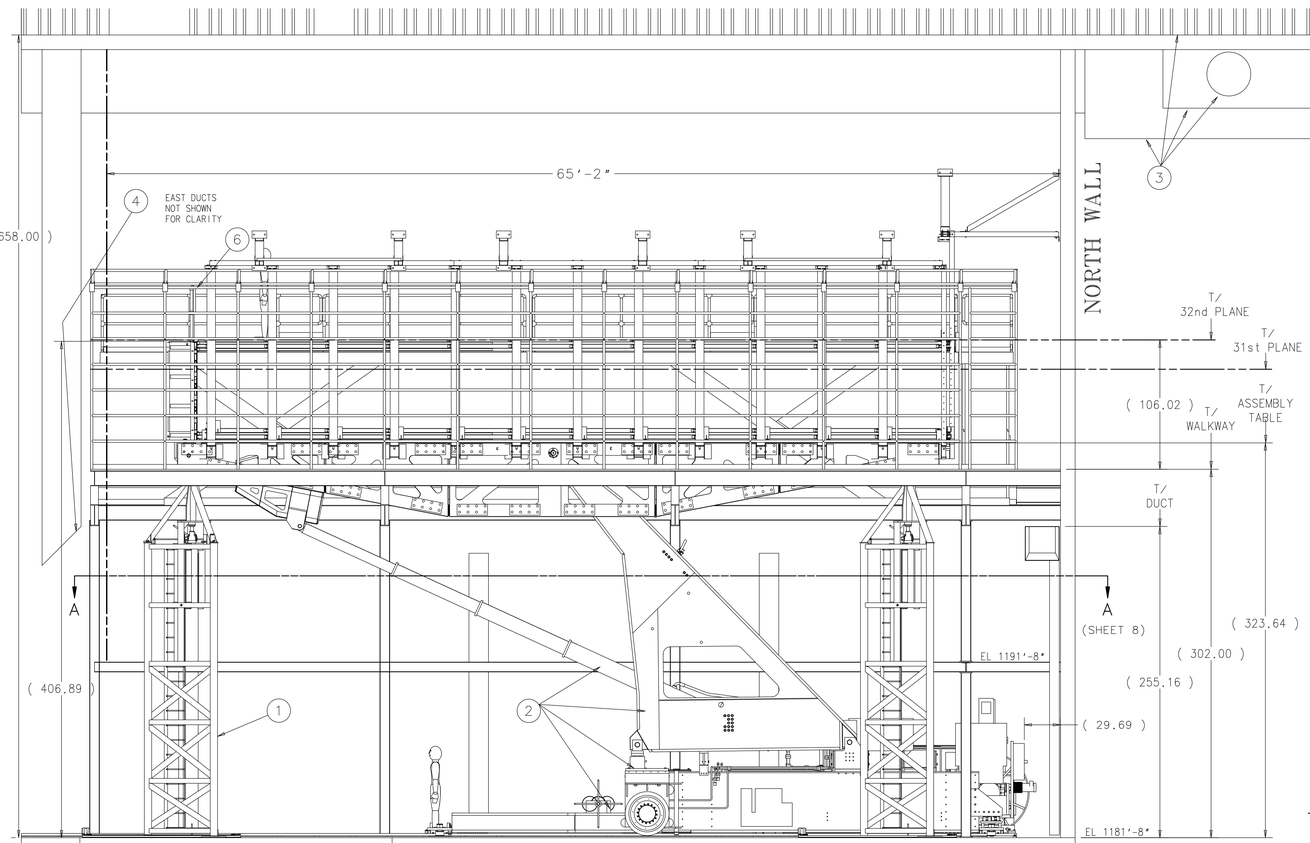
| REV | DESCRIPTION | DRAWN / APPROVED | DATE / DATE |
|---|---|---|---|
| A | GENERAL UPDATES & ADDED ITEMS 8 & 9 | D.FRIEND | 08-AUG-2012 |
| | | E.VILLEGAS | 09-AUG-2012 |




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

| SHEET # | DESCRIPTION |
|---|---|
| 1 | PLAN VIEW & EAST ELEVATION |
| 2 | ISOMETRIC VIEW - LOOKING SOUTH FROM UNLOADING DOCK |
| 3 | ISOMETRIC VIEW - LOOKING NORTH FROM DETECTOR WEST SIDE AREA |
| 4 | ENLARGED PLAN OF MODULES ON ASSEMBLY TABLE - NORTH END |
| 5 | ENLARGED PLAN OF MODULES ON ASSEMBLY TABLE - SOUTH END |
| 6 | NORTH ELEVATION VIEW |
| 7 | ISOMETRIC VIEW - LOOKING SOUTH FROM EAST SIDE FLOOR OF ASSEMBLY AREA |
| 8 | SECTION A-A |
| 9 | SOUTH ELEVATION VIEW |




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

PROJECT NORTH

| ITEM | PART NO. | DESCRIPTION OR SIZE | QTY. |
|---|---|---|---|
| 9 | ME-489547 | AR STORY POLES TO TABLE | 1 |
| 8 | MC-489757 | ASSY TABLE SW RAIL EXTENSION | 1 |
| 7 | ME-489451 | PIVOTER TABLE DUNNAGE ASSY-BLTD | 2 |
| 6 | MD-489287 | TABLE SOUTH ALUM. RAILING WELDMT. | 3 |
| 5 | | GLUE MACHINE ASSEMBLY | 1 |
| 4 | | ADHESIVE FUMES EXHAUST SYSTEM | 1 |
| 3 | | ASSEMBLY AREA ENCLOSURE | 1 |
| 2 | ME-489085 | A.R. PIVOTER AND ASSEMBLY TABLE | 1 |
| 1 | ME-466969 | PIVOTER TABLE DUNNAGE ASSEMBLY | 3 |

PARTS LIST

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |

1. BREAK ALL SHARP EDGES --- MAX.
2. DO NOT SCALE DRAWING.
3. DIMENSIONS BASED UPON ASME Y14.5M-1994
4. MAX. ALL MACH. SURFACES
5. DRAWING UNITS: U.S. INCH

USED ON

MATERIAL: SEE PARTS LIST ABOVE

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UNITED STATES DEPARTMENT OF ENERGY

# NOVA-FAR_DETECTOR INSTALLATION & ENGINEERING SPECS ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 1 OF 9 | A |

CREATED WITH : Ideas12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT

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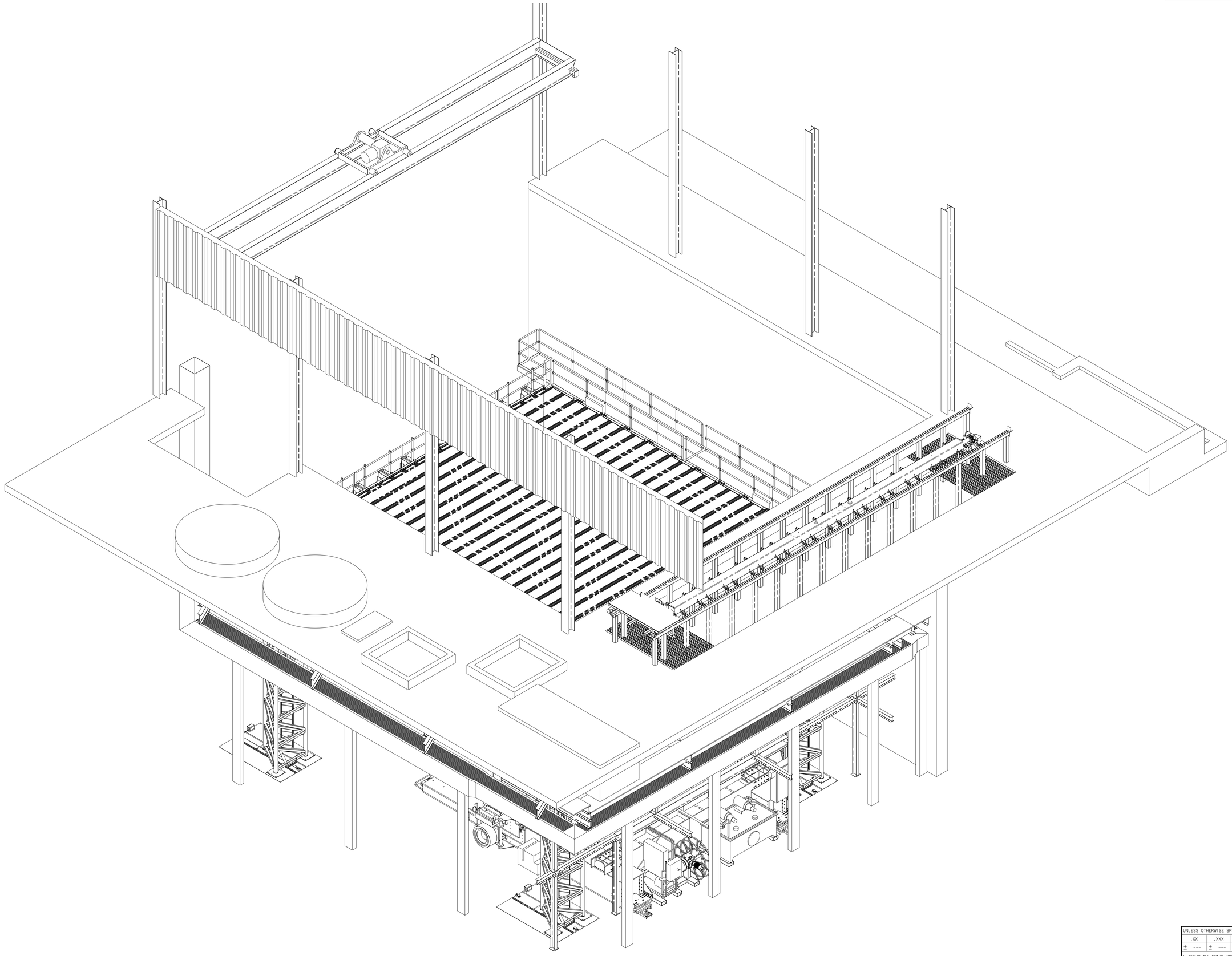
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |



## ISOMETRIC VIEW

LOOKING SOUTH FROM UNLOADING DOCK

SCALE: NONE

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES √ | | | USED ON | | |
| 5. DRAWING UNITS: U.S.INCH | | | MATERIAL | SEE PARTS LIST ABOVE | |

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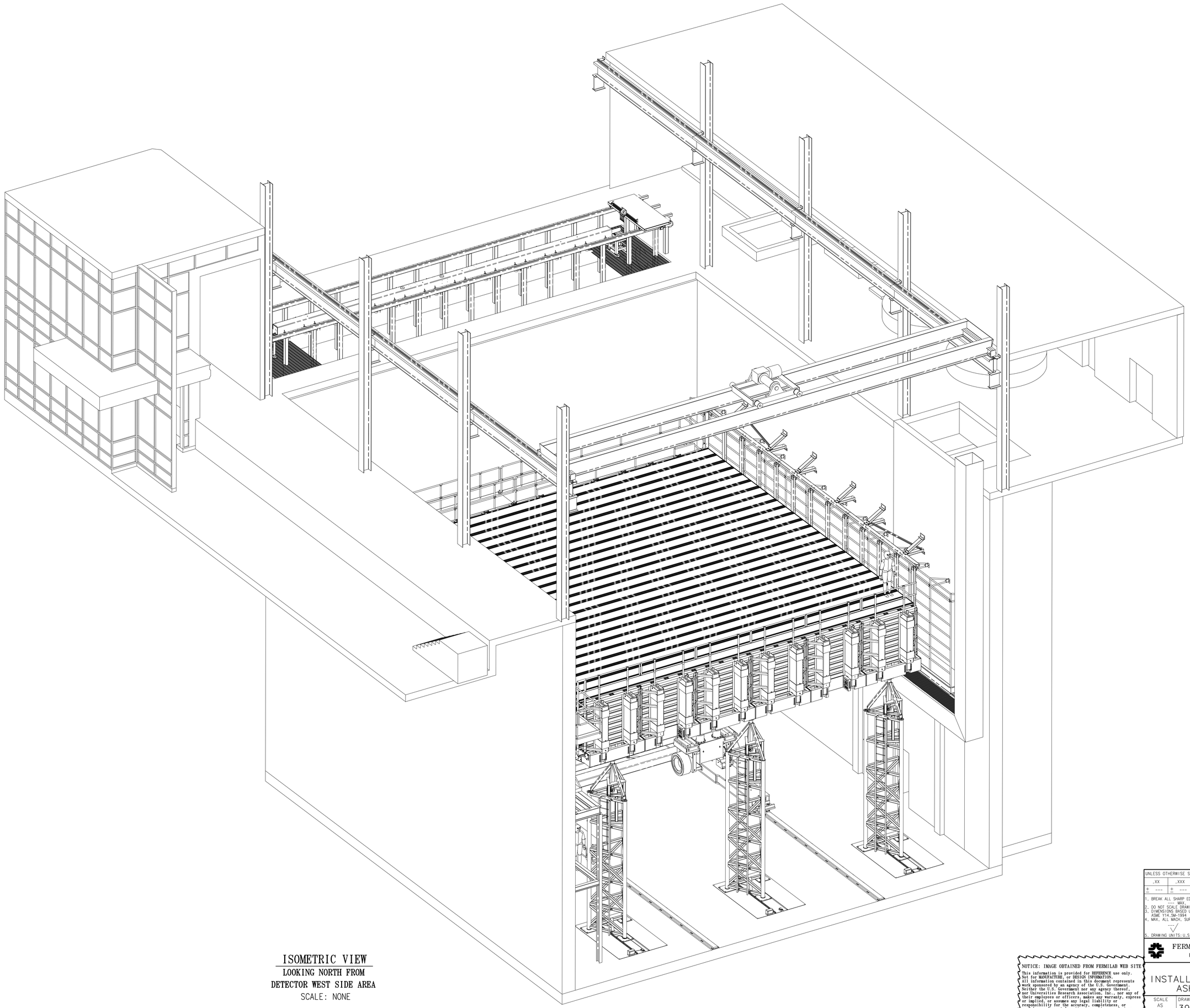
# NOVA-FAR_DETECTOR INSTALLATION & ENGINEERING SPECS ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 2 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |



ISOMETRIC VIEW
LOOKING NORTH FROM
DETECTOR WEST SIDE AREA
SCALE: NONE

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES --- √ 5. DRAWING UNITS: U.S.INCH | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| | | | USED ON | | |
| | | | MATERIAL SEE PARTS LIST ABOVE | | |

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NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 3 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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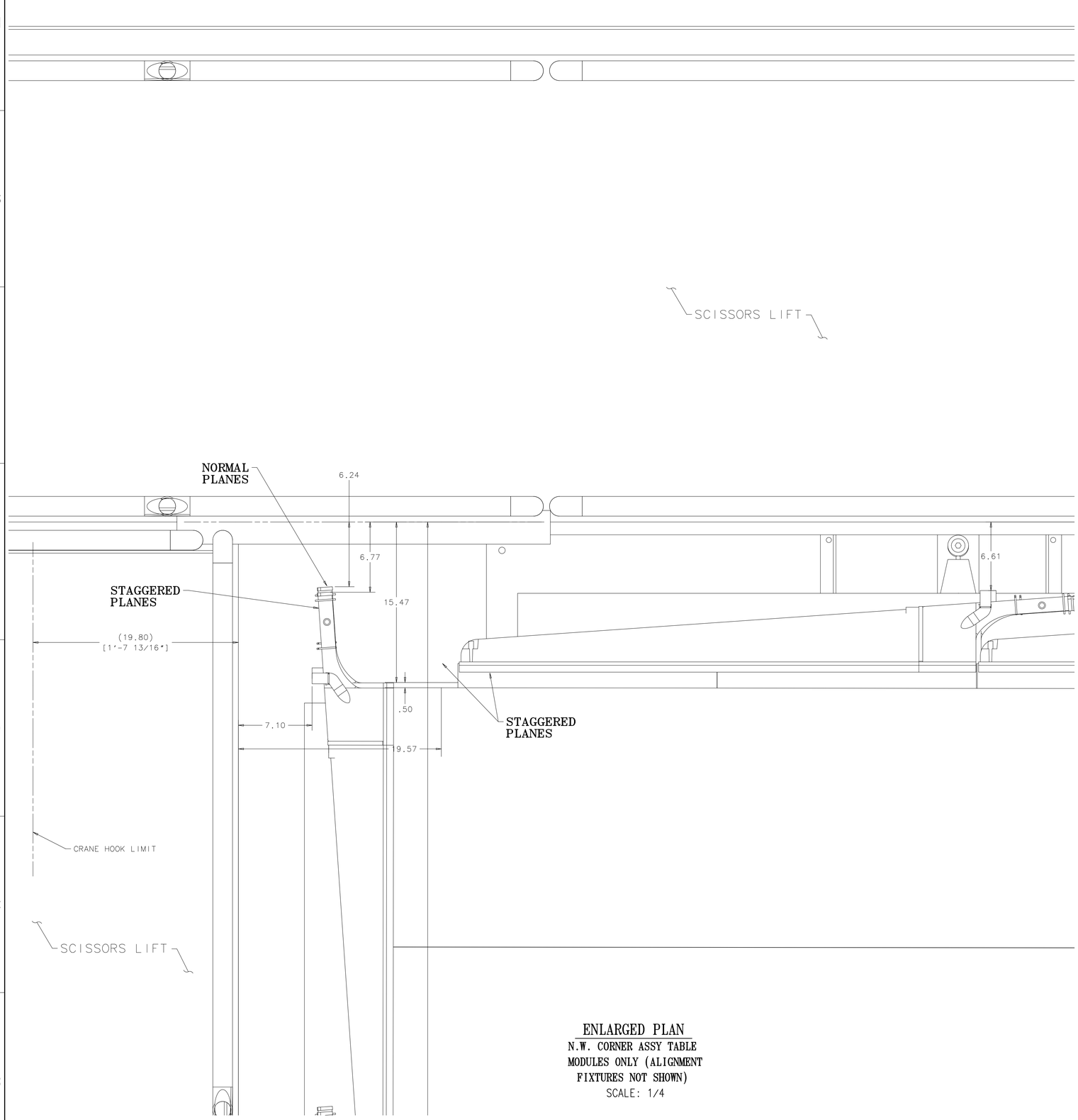
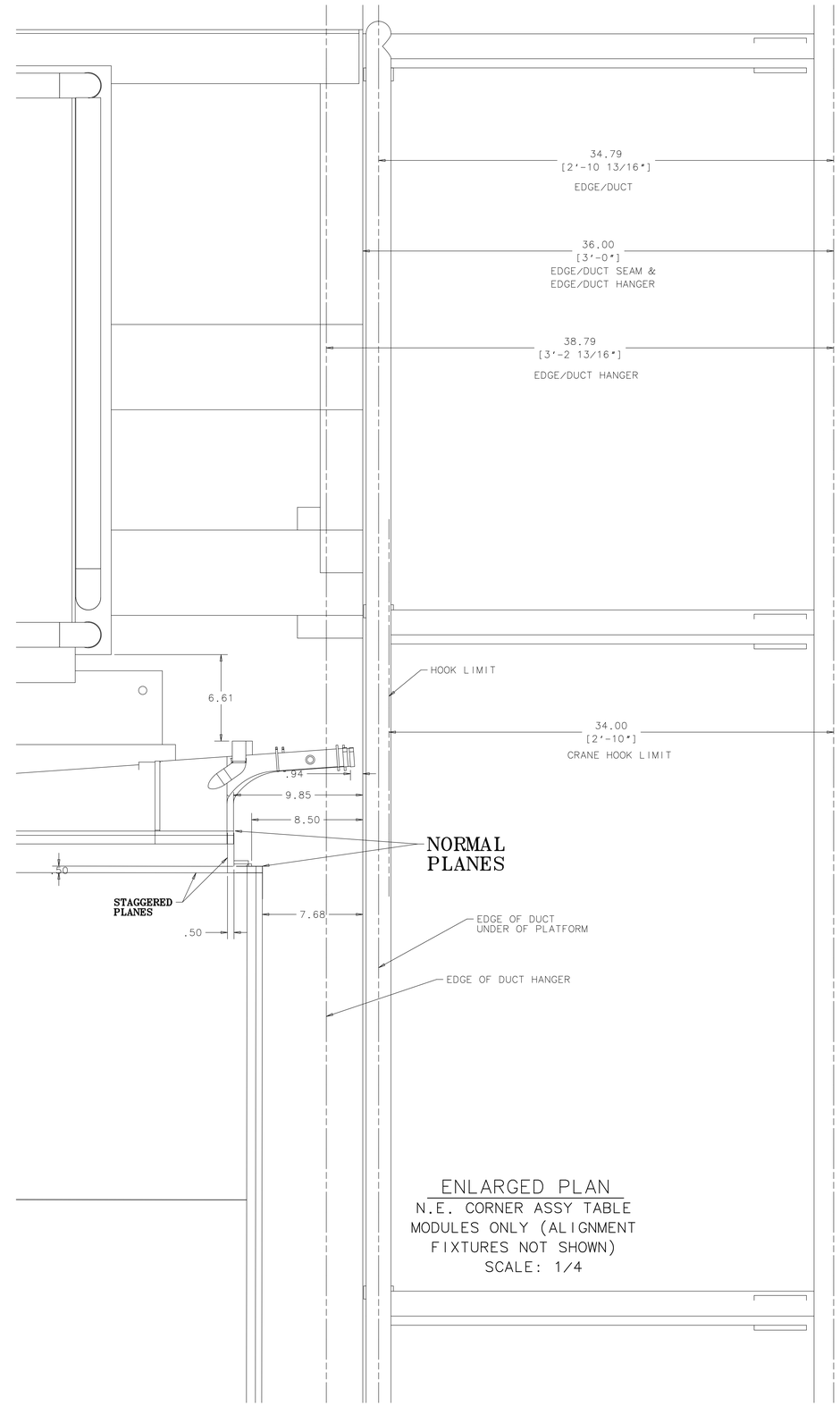
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |




ENLARGED PLAN
N.W. CORNER ASSY TABLE
MODULES ONLY (ALIGNMENT
FIXTURES NOT SHOWN)
SCALE: 1/4




ENLARGED PLAN
N.E. CORNER ASSY TABLE
MODULES ONLY (ALIGNMENT
FIXTURES NOT SHOWN)
SCALE: 1/4

PROJECT NORTH

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES √ | | | USED ON | | |
| 5. DRAWING UNITS: U.S.INCH | | | MATERIAL | SEE PARTS LIST ABOVE | |

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UNITED STATES DEPARTMENT OF ENERGY

NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 4 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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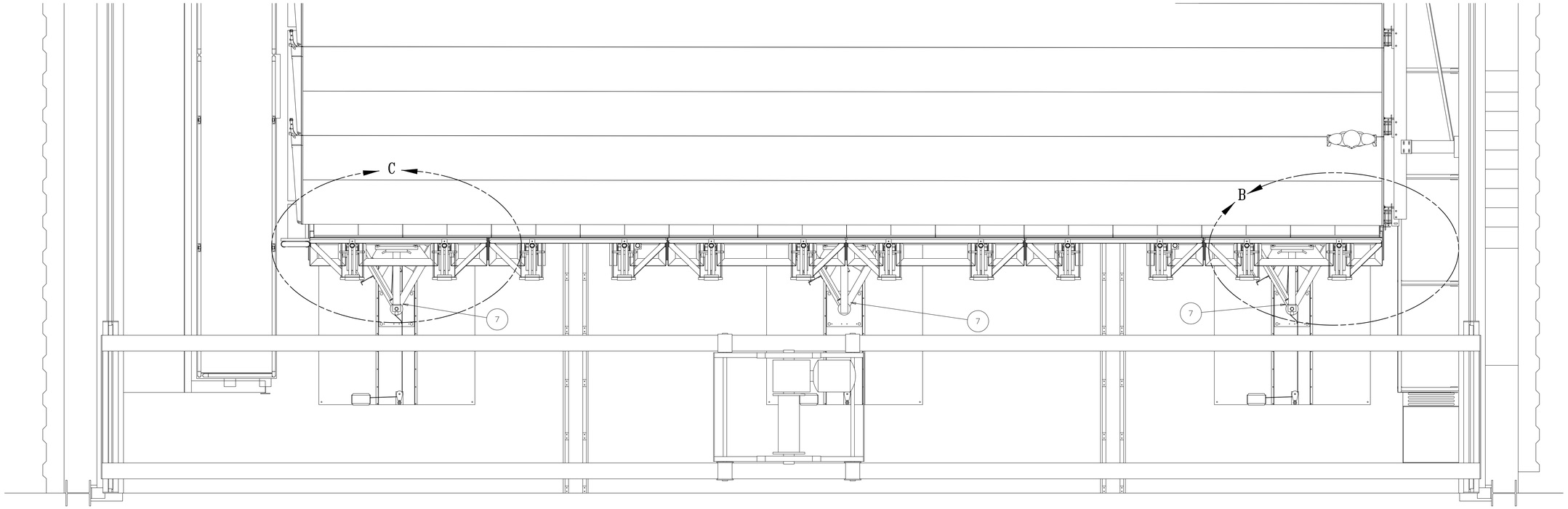
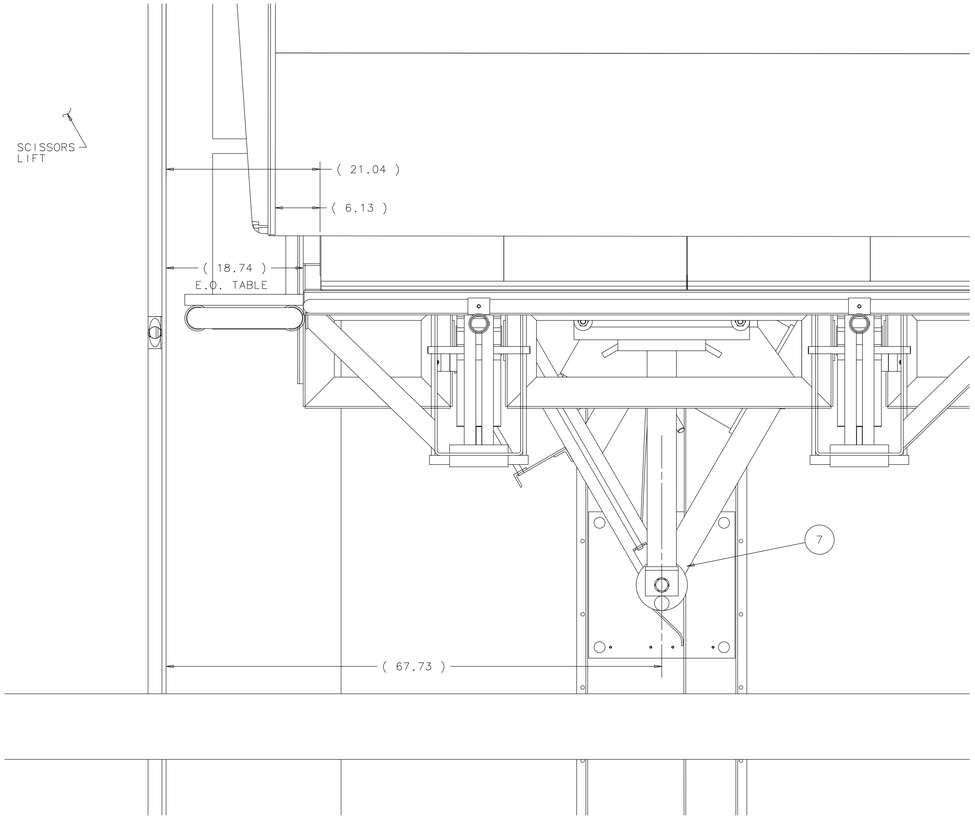
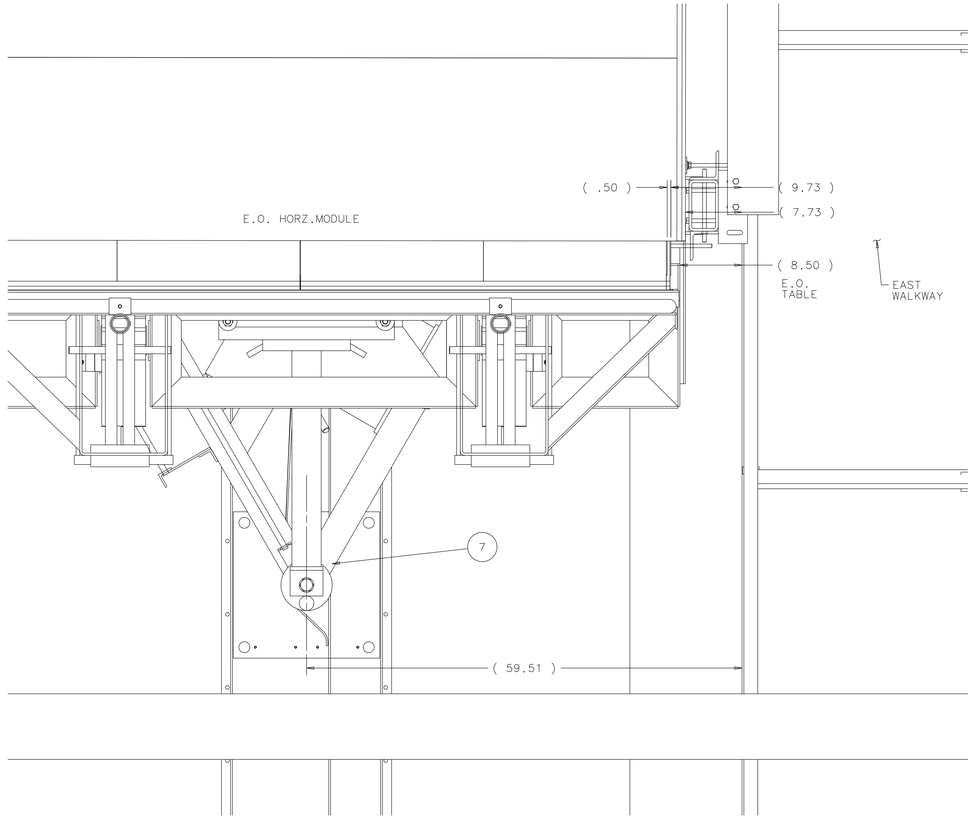
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |




## ENLARGED PLAN
SOUTH END OF ASSY TABLE
SCALE: 1/2"=1'-0"




## DETAIL C
S.W. CORNER
SCALE: 1/8




## DETAIL B
S.E. CORNER
SCALE: 1/8

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES --- | | | USED ON | | |
| 5. DRAWING UNITS: U.S.INCH | | | MATERIAL SEE PARTS LIST ABOVE | | |

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NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 5 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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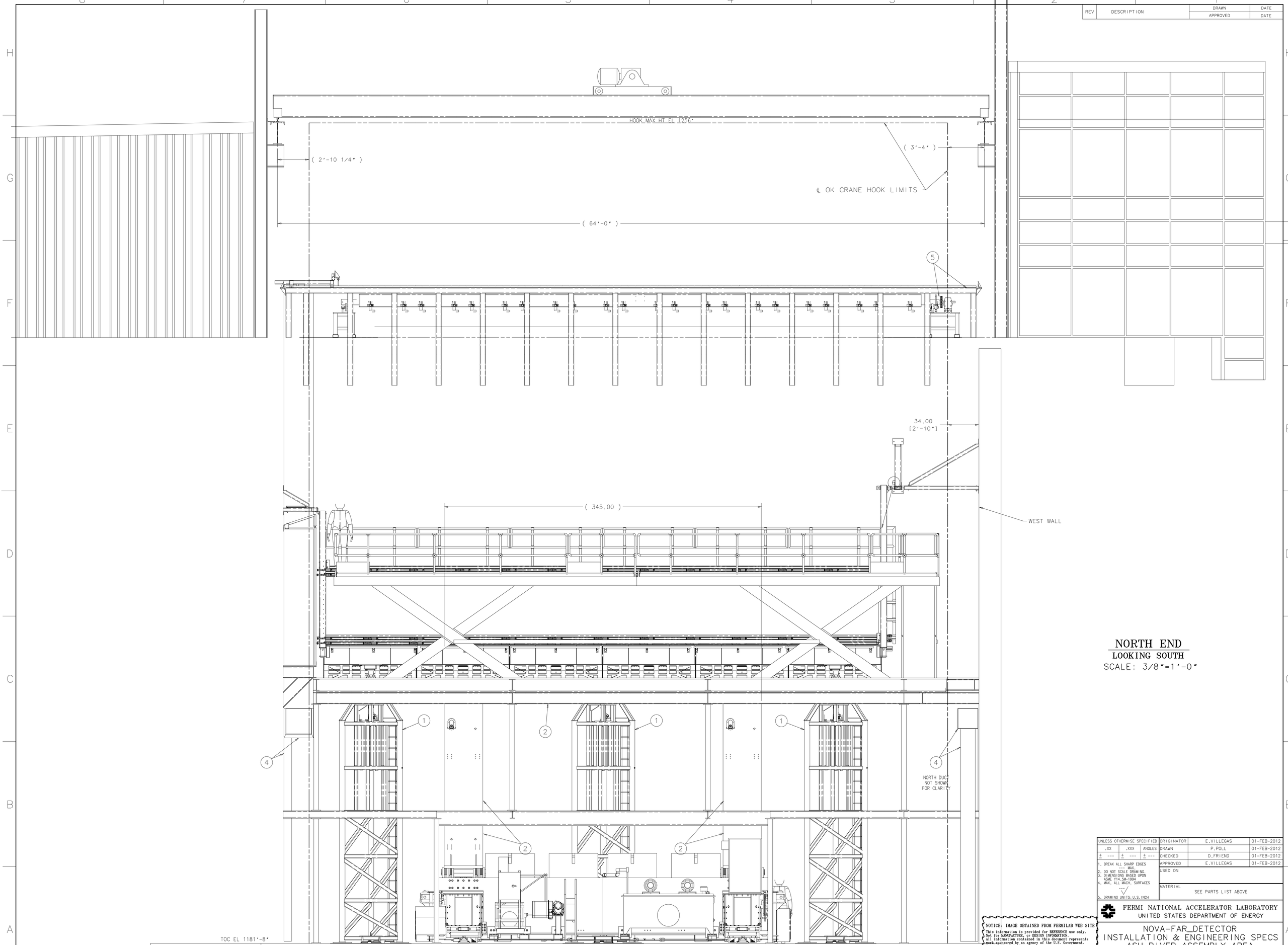
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |




## NORTH END
LOOKING SOUTH
SCALE: 3/8"=1'-0"

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES | | | USED ON | | |
| 5. DRAWING UNITS: U.S.INCH | | | MATERIAL | SEE PARTS LIST ABOVE | |

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UNITED STATES DEPARTMENT OF ENERGY

# NOVA-FAR_DETECTOR INSTALLATION & ENGINEERING SPECS ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 6 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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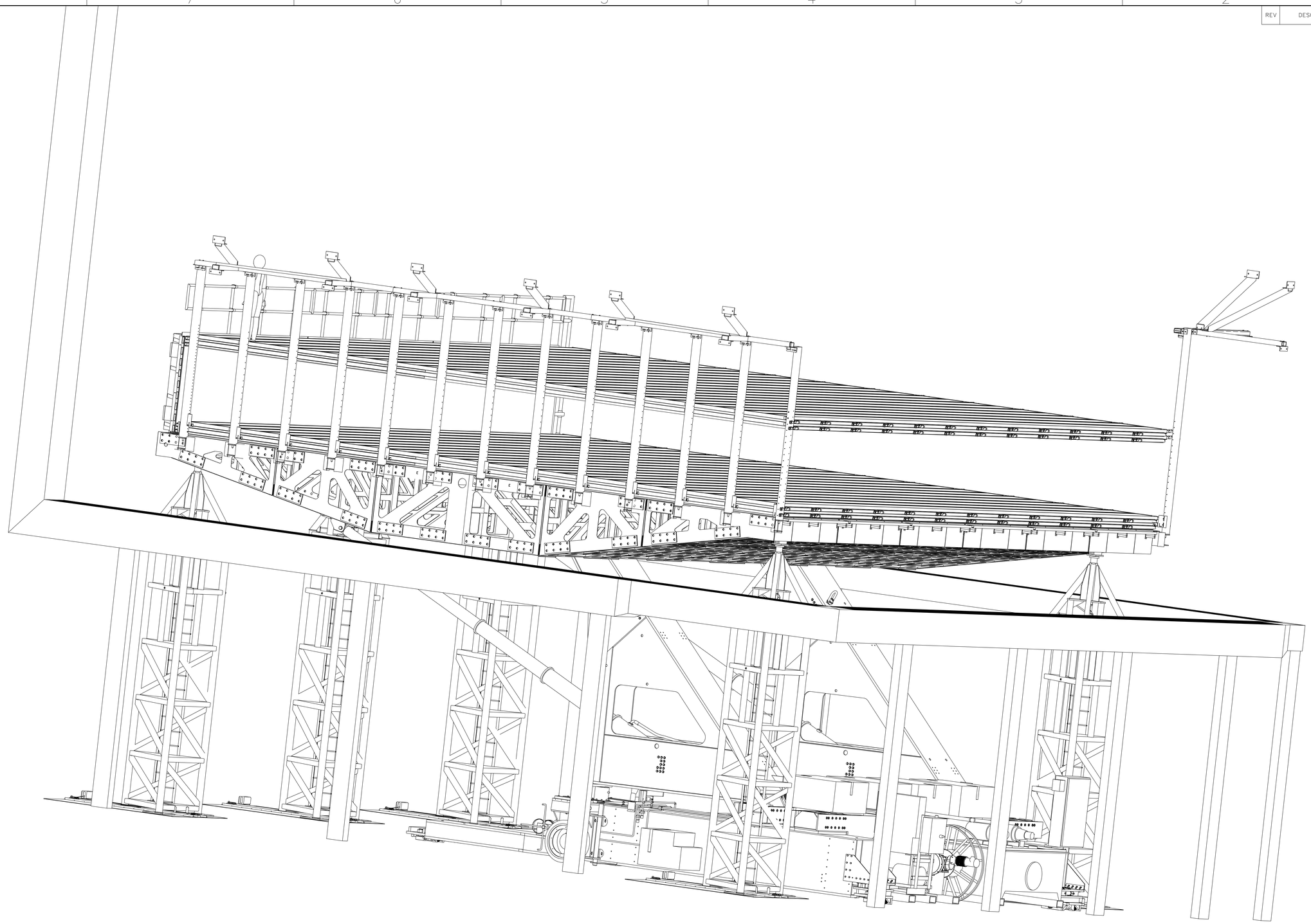
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |



# ISOMETRIC VIEW

LOOKING SOUTH FROM
FLOOR OF ASSY AREA
SCALE: NONE

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES --- √ | | | USED ON | | |
| 5. DRAWING UNITS: U.S. INCH | | | MATERIAL SEE PARTS LIST ABOVE | | |

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NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 7 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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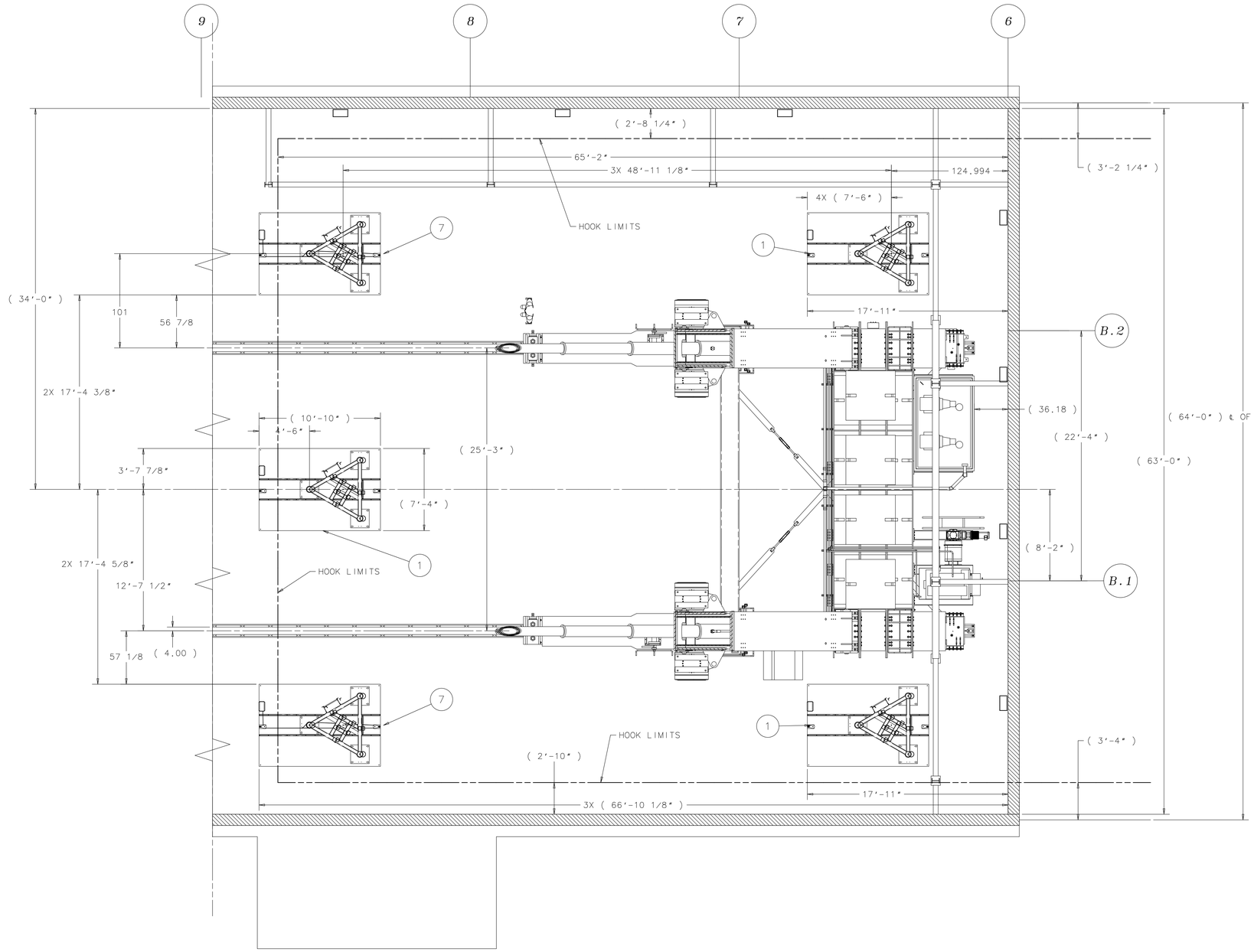
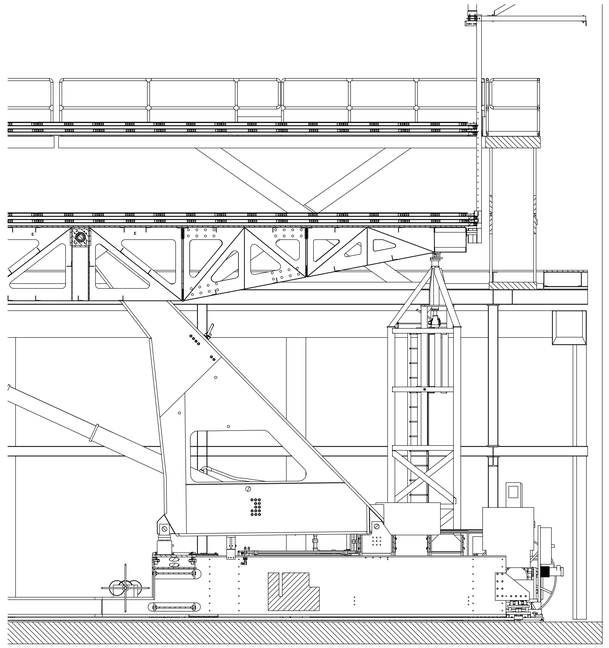
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |




SECTION VIEW A-A
SCALE: 1/4" = 1'-0"

PROJECT NORTH



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

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES --- √ | | | USED ON | | |
| 5. DRAWING UNITS: U.S. INCH | | | MATERIAL | SEE PARTS LIST ABOVE | |

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NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 8 OF 9 | A |

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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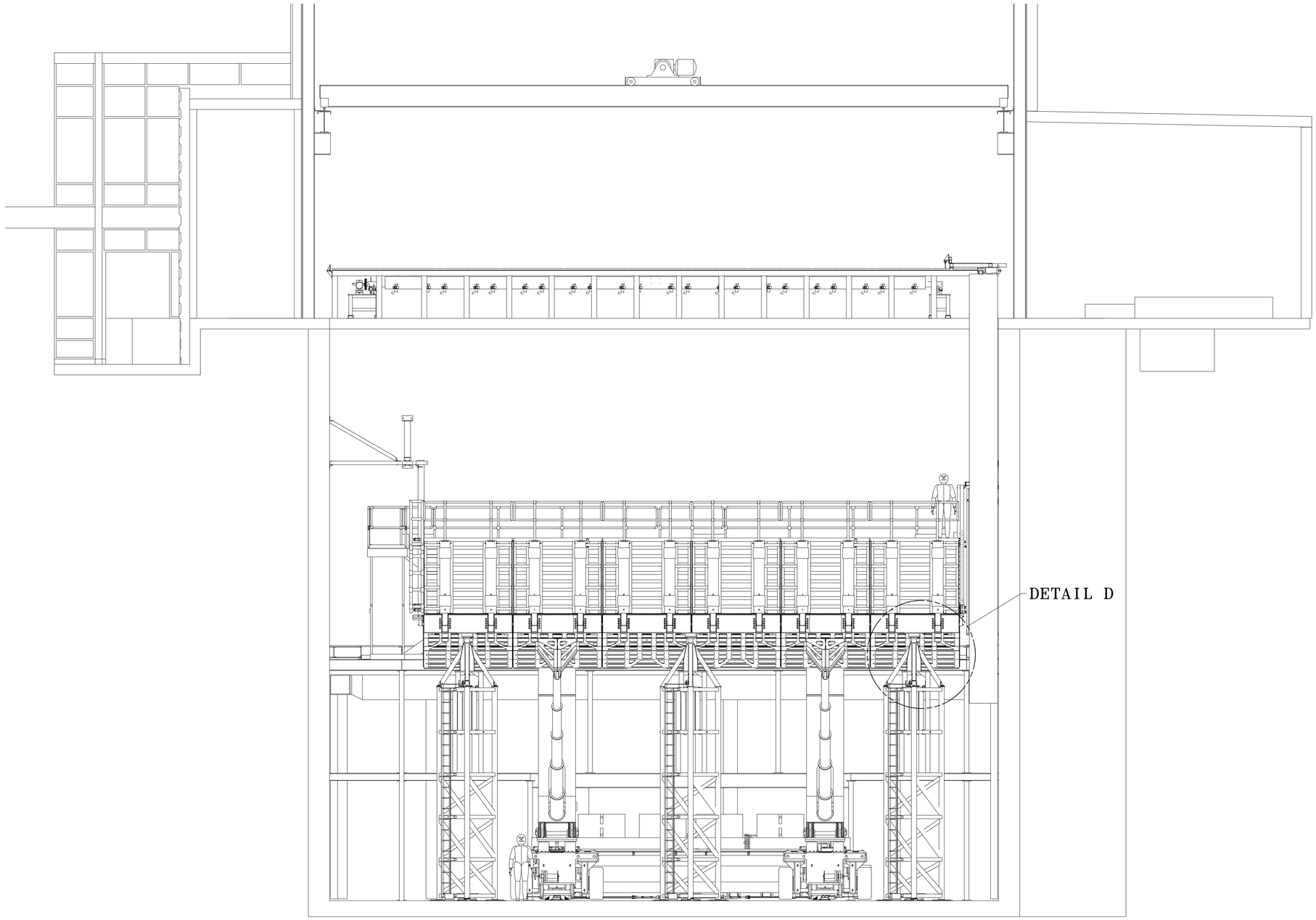
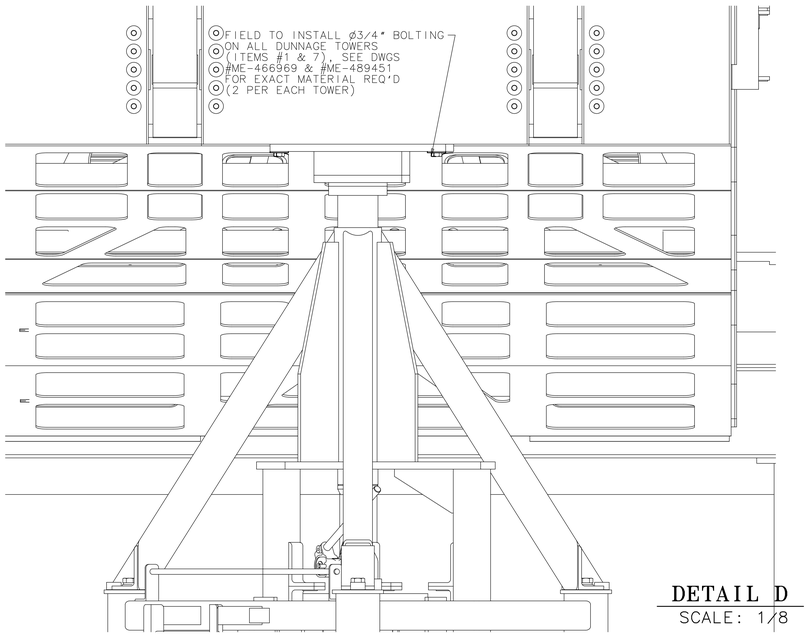
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |




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




DETAIL D
SCALE: 1/8

| UNLESS OTHERWISE SPECIFIED | | | ORIGINATOR | E.VILLEGAS | 01-FEB-2012 |
|---|---|---|---|---|---|
| .XX | .XXX | ANGLES | DRAWN | P.POLL | 01-FEB-2012 |
| ± --- | ± --- | ± --- | CHECKED | D.FRIEND | 01-FEB-2012 |
| 1. BREAK ALL SHARP EDGES --- MAX. | | | APPROVED | E.VILLEGAS | 01-FEB-2012 |
| 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES --- √ | | | USED ON | | |
| 5. DRAWING UNITS: U.S. INCH | | | MATERIAL SEE PARTS LIST ABOVE | | |

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NOVA-FAR_DETECTOR
INSTALLATION & ENGINEERING SPECS
ASH RIVER ASSEMBLY AREA

| SCALE | DRAWING NUMBER | SHEET | REV |
|---|---|---|---|
| AS NOTED | 3929.330-ME-489104 | 9 OF 9 | A |
| CREATED WITH : Ideas12NXSeries | | GROUP: PPD/MECHANICAL DEPARTMENT | |

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