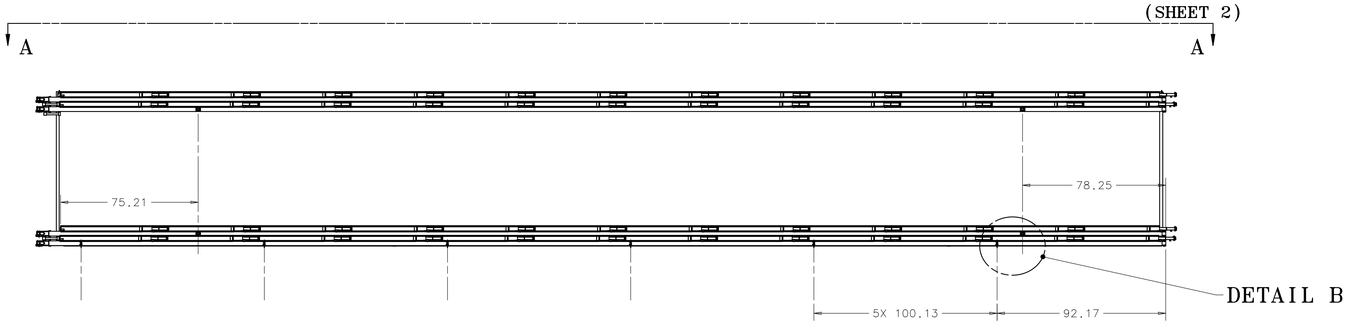
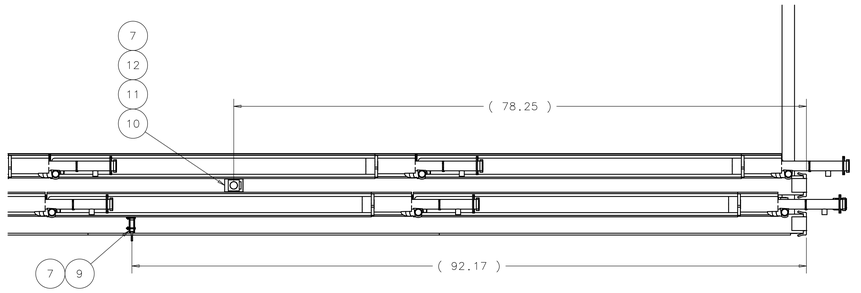
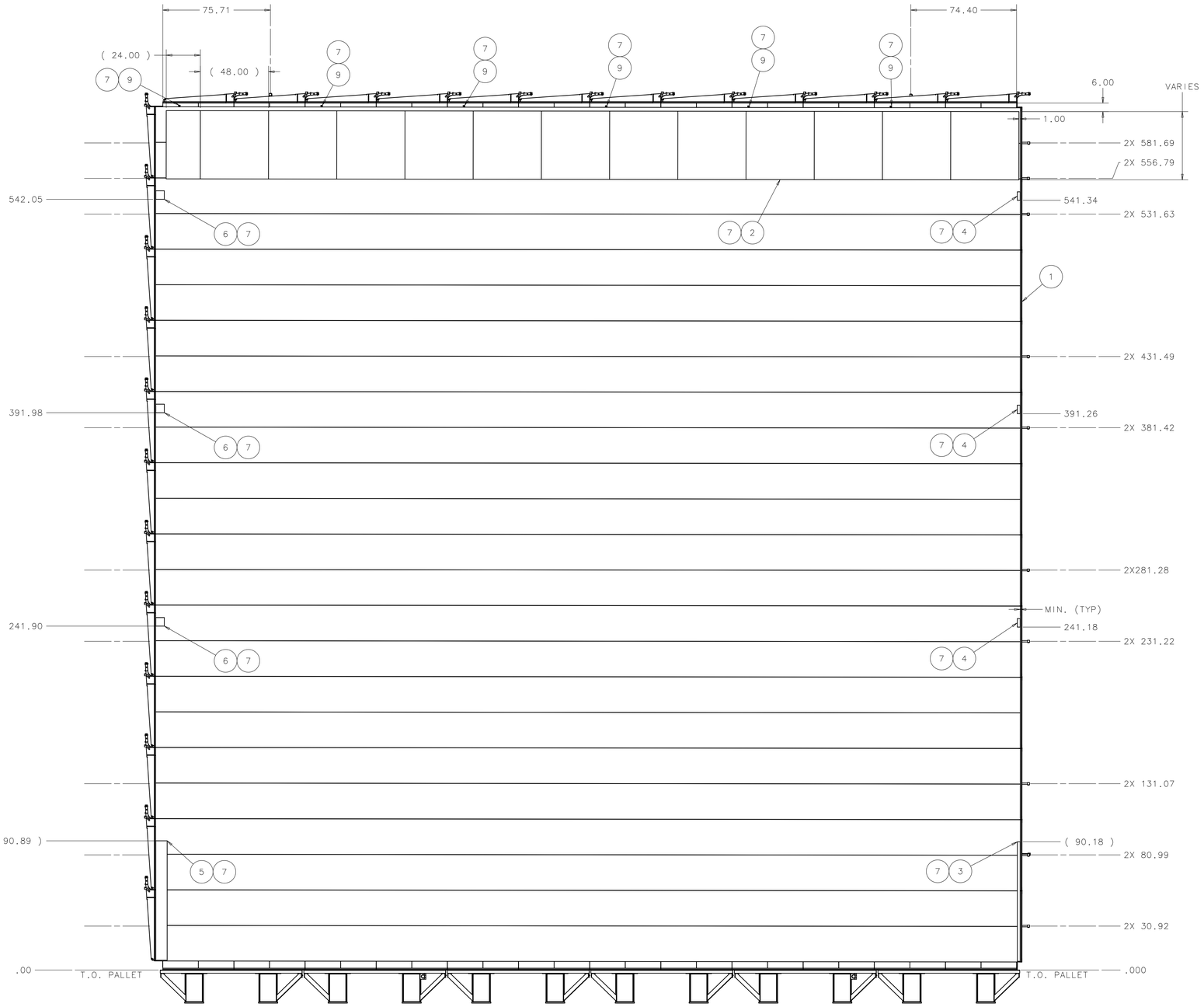
REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE



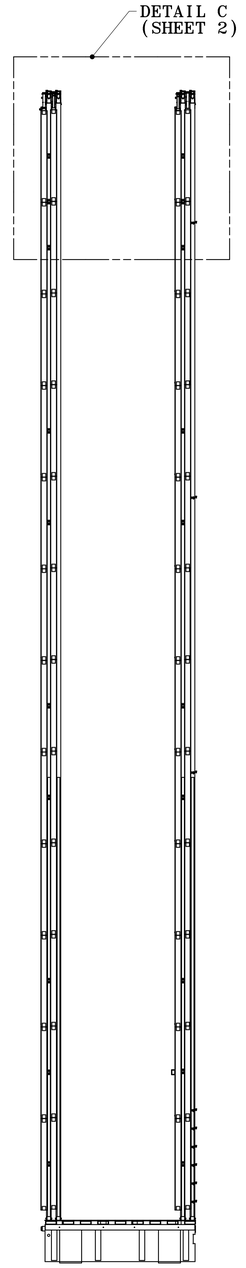
PLAN VIEW



DETAIL B
SCALE: 1:8



SOUTH ELEVATION
UPSTREAM END



EAST ELEVATION
EAST END

NOTES:
1. BLOCK SHIMS (ITEM #2) SHALL ONLY BE USED ON BLOCKS #2 THRU #30. BLOCK #1 USES NO TOP GUIDED SPACER SHIM.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
12	COML	SURVEY OPTICAL PRISM BY OTHERS	24
11	COML	SURVEY TARGET MOUNTING ROD G-10, SEE DETAIL G	24
10	COML	SURVEY TARGET MOUNTING BLOCK PVC, SEE DETAIL F	24
9	MB-489633	LINEAR MOTION SENSOR SUB-ASSY	18
8	COML	SENSOR STRIKE PLATE, G-10 2.00 X 8.00 X 0.031" THK	6
7	COML	DEVCON PLASTIC WELDER ADHESIVE	A/R
6	COML	SENSOR STRIKE PLATE, G-10 6.00 X 6.00 X 0.031" THK	3
5	COML	SENSOR STRIKE PLATE, G-10 8.00 X 84.00 X 0.031" THK	1
4	COML	SENSOR STRIKE PLATE, G-10 2.00 X 6.00 X 0.031" THK	3
3	COML	SENSOR STRIKE PLATE, G-10 2.00 X 84.00 X 0.031" THK	1
2	MB-489081	BLOCK (TOP GUIDED) SPACER SHIM SEE NOTE 1.	12.5
1	ME-489028	32 PLANE BLOCK ASSY	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	T.MIAO	23-MAY-2012
.XX	.XXX	ANGLES	DRAWN	D.FRIEND	23-MAY-2012
± .12	± ---	± ---	CHECKED		
			APPROVED		

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

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

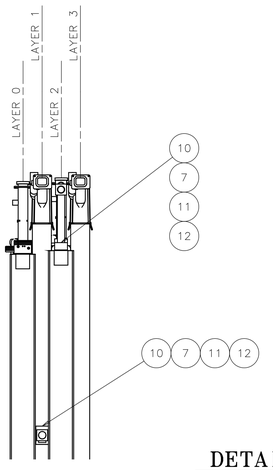
NOVA-FAR_DETECTOR FAR DETECTOR BLOCK ASSY INSTRUMENTATION

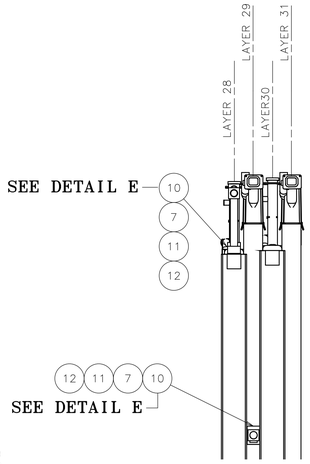
SCALE	DRAWING NUMBER	SHEET	REV
1:32 & AS NOTED	3929.330-ME-489571	1 OF 2	

CREATED WITH : Ideas12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT

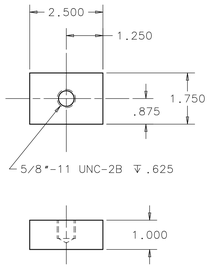
Created: 14:15:27 on 23-05-12 (D-M-Y) By: friend State: 1-INITIAL

REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE

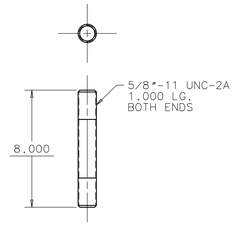




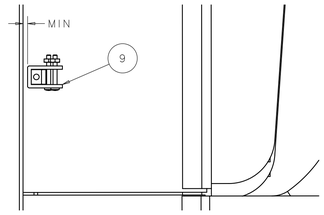
DETAIL C
SCALE: 1:8



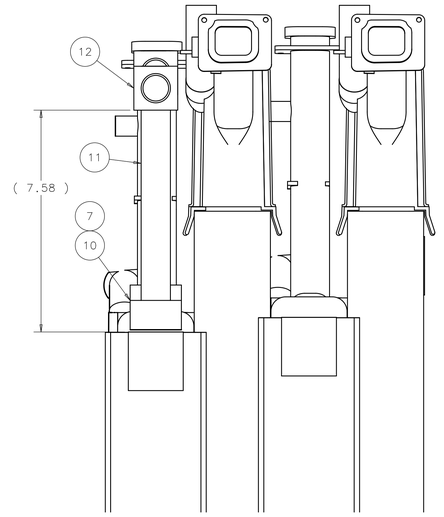
DETAIL F
TARGET MOUNTING BLOCK
SCALE: 1:2



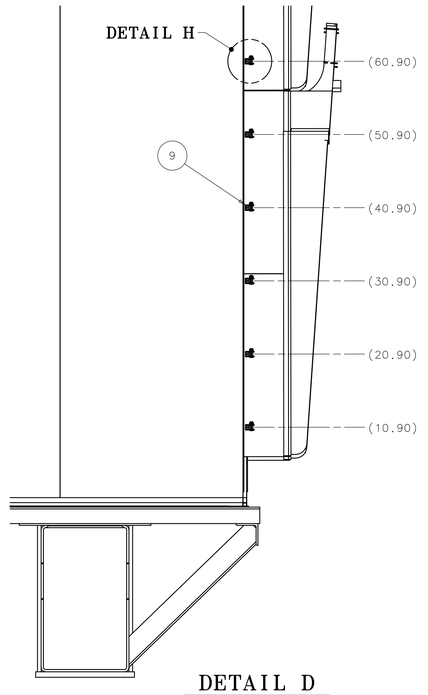
DETAIL G
TARGET MOUNTING ROD
SCALE: 1:2



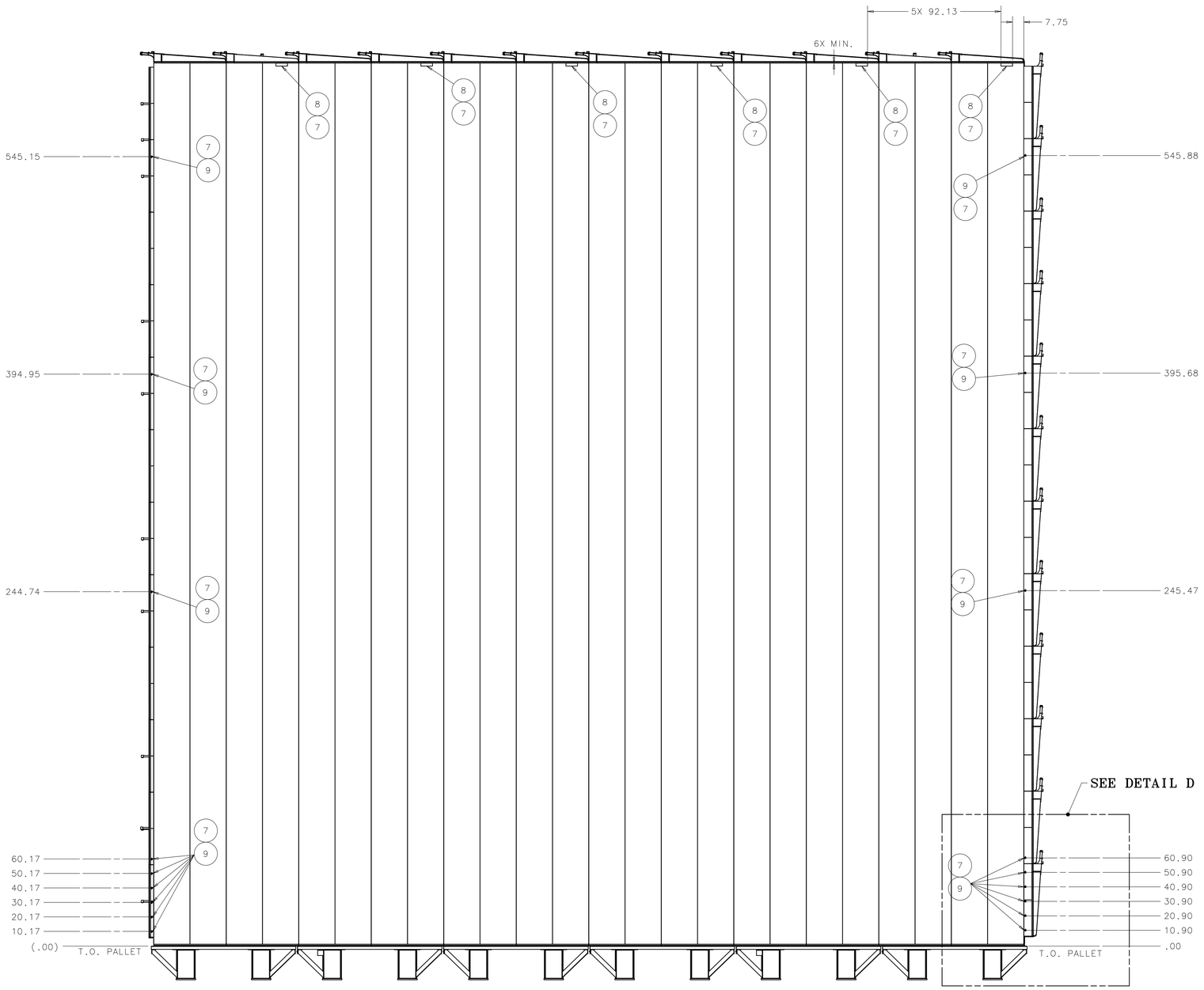
DETAIL H
TYP SENSOR
INSTALLATION
SCALE: 1:2



DETAIL E
SURVEY TARGET DETAIL
SCALE: 1:2



DETAIL D
DOWNSTREAM SENSORS
ON LAYER 30
SCALE: 1:8



VIEW A-A
DOWNSTREAM VIEW
NORTH ELEVATION
SCALE: 1:32

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	T.MIAO	23-MAY-2012
.XX	.XXX	ANGLES	DRAWN	D.FRIEND	23-MAY-2012
± .12	± ---	± ---	CHECKED		
1. BREAK ALL SHARP EDGES MAX.			APPROVED		
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	

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NOVA-FAR_DETECTOR
FAR DETECTOR
BLOCK ASSY INSTRUMENTATION

SCALE	DRAWING NUMBER	SHEET	REV
1:32 & AS NOTED	3929.330-ME-489571	2 OF 2	

CREATED WITH : Ideas12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT

Created: 14:15:39 on 29-05-12 (D-M-Y) By: friend State: 1-INITIAL