

2 x 1/2" Diameter fiber core grade
110/120 improved plow encircling
cable tightened with 1" turnbuckle
installed above 360° platform
See 'Detail 1 - Encircling Cable'.
For Encircling Cable and Modular
Stage Cable Connection
See 'Detail 2 - Encircling Cable &
Modular Stage Support Cable
Connection

CONCRETE CHIMNEY TOP

2 x 5/16" Modular Stage
Support Cables Dedicated
to each Climber Motor

For Yankee Frame Installation and
360° Temporary Top Platform Installation
Refer to 'ICM-2462-20-DWG-004-1' Platform
Top of Chimney Drawings Package.

2 x 5/6" Modular Stage
Support Cables Dedicated
to each Climber Motor
Safety Stop Lock Device

1/2" Diameter fiber core grade
110/120 improved plow encircling
cable tightened with 1" turnbuckle
installed above 360° platform
See 'Detail 1 - Encircling Cable'

2 x 1/2" Diameter fiber core grade
110/120 improved plow encircling
cable tightened with 1" turnbuckle
installed above 360° platform
See 'Detail 1 - Encircling Cable'

4M Modular Stage
(3M, 4M or 5M Modular
Stage Approved for Use)

ELEV. 480'

For Steeplejack Frame Installation and
360° Temporary Platform at 480' Elev. Installation
Refer to 'VALE IRON ORE STACK - Platform at
480' Elev. Drawings Package'

2 x 5/16" Modular Stage
Support Cables Dedicated
to each Climber Motor

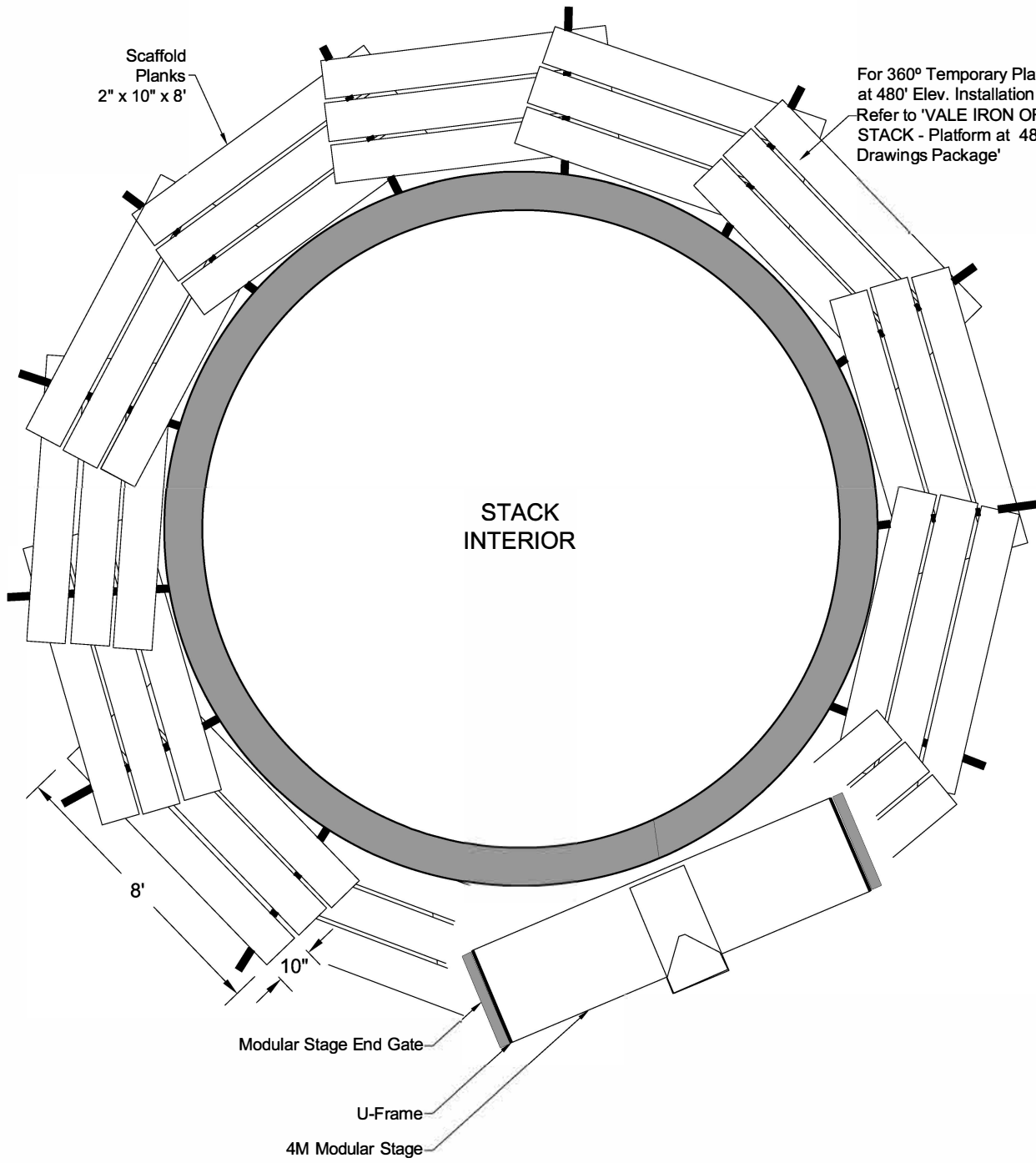
1/2" Diameter fiber core grade
110/120 improved plow encircling
cable tightened with 1"
turnbuckle installed inside
frames for safety backup
See 'Detail 1 - Encircling Cable'

2 x 5/6" Modular Stage
Support Cables Dedicated
to each Climber Motor
Safety Stop Lock Device

4M Modular Stage
(3M, 4M or 5M Modular
Stage Approved for Use)

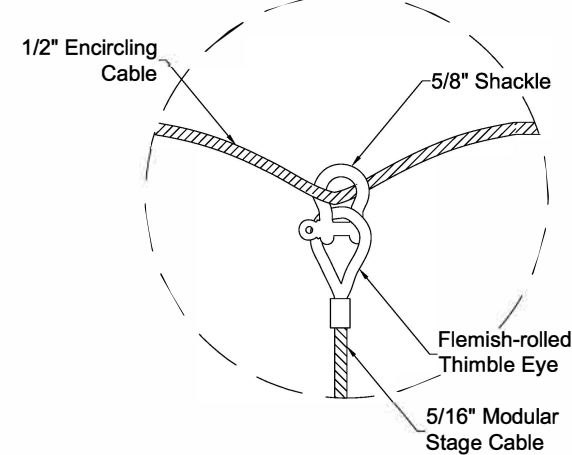
GROUND LEVEL

SCHEMATIC EXTERIOR

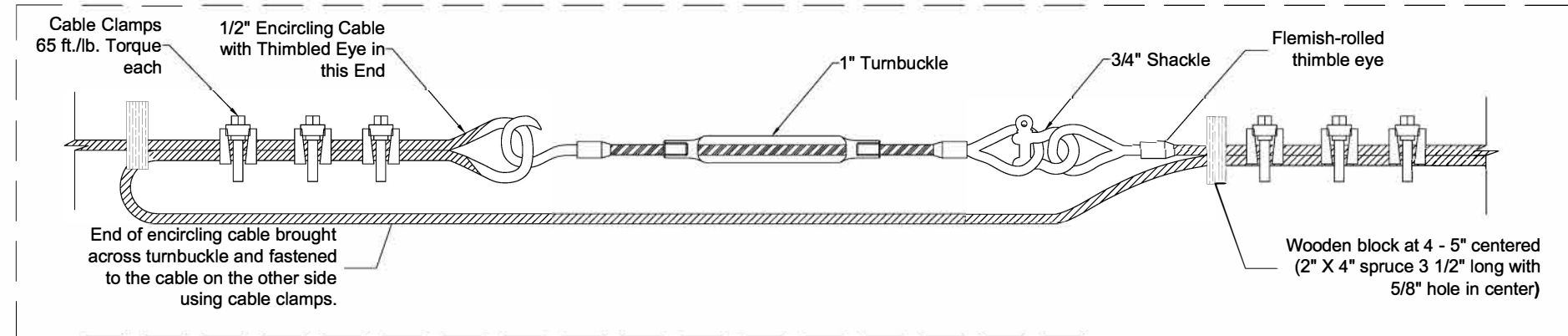


(3M, 4M or 5M Modular Stage Approved /or Use) **PLAN VIEW**

- NOTES:**
1. THE PROCEDURE OUTLINED IN THIS PAGE IS TO BE USED IN CONJUNCTION WITH DRAWING N°. DWG-003, PAGE 1 OF 2, TITLED " SCAFFOLD SCHEMATIC EXTERIOR & RIGGING PROCEDURE".
 2. ENCIRCLING CABLE NOT SHOWN LITERALLY ACROSS TURNBUCKLE FOR CLARITY.
 3. 360° TEMPORARY PLATFORM SCAFFOLD PLANKS NOT SHOWN FULLY FOR CLARITY.
 4. THE TUBES AND CLAMPS USED FOR THE HANDRAILS ON BOTH OF THE 360° TEMPORARY PLATFORMS TO BE ALUMINUM TUBE WITH WEDGE TYPE CLAMPS (OR BOLTED TYPE CLAMPS).
 5. SCAFFOLD PLANKS TO BE 2" x 10" x 8' LAMINATED SCAFFOLD PLANKS AND TO BE SECURED TO THE CHIMNEY SCAFFOLD FRAMES USING 4' NAILS AND 3/8" POLYPROPYLENE ROPES LASHINGS AGAINST UPLIFT DUE TO HEAVY WINDS. NO MORE THAN 2 MEN SHALL OCCUPY A PLANK SECTION AT THE SAME TIME.
 6. ALL 8 (EIGHT) MODULAR STAGE SUPPORT CABLES TO BE TIGHTENED AND SECURED AT THE BASE OF THE CHIMNEY AND ABOVE THE 360° TEMPORARY PLATFORM AT ELEVATION 480' WITH THE USE OF 3/8" POLY LINES ATTACHED TO 1/2" EYE BOLTS SCREWED INTO 1/2" CONCRETE ANCHORS.
 7. ROLLERS ARE TO BE MOUNTED ON THE STAGE AS PER MANUFACTURES INSTRUCTIONS TO KEEP THE STAGE STABLE AGAINST THE CURVES SURFACE OF THE CHIMNEY EXTERIOR CONCRETE WALL.
 8. FULL BODY HARNESSES, COMPLETE WITH DOUBLE LANYARDS ARE TO BE USED AT ALL TIMES WHILE WORKING FROM THE MODULAR STAGE AND/OR 360° TEMPORARY PLATFORMS. WORKERS MUST HAVE LANYARDS CONNECTED TO THE PRE-ENGINEERED ANCHOR POINT ON THE MODULAR STAGE, SPECIFICALLY DESIGNED FOR THIS PURPOSE AND HORIZONTAL SAFETY LINES AT ALL TIMES, AND CONNECTED TO INDEPENDENT FRAMES AT ALL TIMES WHILE ASSEMBLING THE TEMPORARY PLATFORM AROUND THE EXTERIOR CHIMNEY WALL. SCAFFOLD HANDRAIL IS DESIGNED FOR FALL ARREST.
 9. THE SUPERINTENDENT AND FOREMEN WILL ENSURE THAT ALL RIGGERS ARE FULLY FAMILIAR WITH THIS PROCEDURE PRIOR TO THE START OF THE WORK.
 10. INDUSTRIAL CHIMNEY MAINTENANCE INC'S "ACCIDENT PREVENTION POLICY" AND " CONSTRUCTION SITE SAFETY GUIDE" ARE TO BE FOLLOWED AT ALL TIMES.
 11. THE ENGINEER MUST BE NOTIFIED OF ALL CHANGES AND/OR DEVIATIONS FROM THESE DRAWINGS.



DETAIL 2 - ENCIRCLING CABLE & MODULAR STAGE SUPPORT CABLE CONNECTION



DETAIL 1 - ENCIRCLING CABLE

PACKAGE NAME:

VALE - IRON ORE STACK
SUDBURY, ON
EXTERNAL STAGING

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REV.	REV. BY	REV. DATE	DESCRIPTION
A	AR	02/01/2020	ISSUED FOR CONSTRUCTION
1	AR	04/22/2020	ISSUED FOR CONSTRUCTION
2	AR	05/26/2020	ISSUED FOR CONSTRUCTION
3	AR	05/27/2020	ISSUED FOR CONSTRUCTION

STAMP:

INDUSTRIAL
CHIMNEY
MAINTENANCE Inc.

VALE - IRON ORE STACK
PLAN VIEW
ENCIRCLING CABLE

PACKAGE:ICM-2462-20DRAWING No.DWG-003SHEET:2 OF 2REV.3

27 May, 2020 - A. Ribeiro

CADD FILE: ICM-2462-20-DWG-003-3