



**NORM WOOD ENVIRONMENTAL CENTRE UPGRADES
PHASE II**

TENDER 15-46

ADDENDUM NO. 2

January 14th, 2016

This addendum forms part of the Tender Documents and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

**Addendum Item 1
Questions & Answers**

47. Proponent Question:

Hose valve mounting for utility wash stations in operations building shown on G9 (issued in addendum 1) but no plumbing for water supply to each utility station is shown on mechanical drawings.

Response:

Field run the service water piping along the interior building walls from the existing service water supply point (located at the existing hose station) to the two new wash station locations shown. The service water field run piping is to be performed after the building wall repainting is completed.

48. Proponent Question:

Prep asphalt area. Please clarify what is included in the scope for "prep" asphalt area. Supply and install sub base & base course?

Response:

See Note 5 on G8.

49. Proponent Question:

Please confirm whether or not the excavation and backfill component of the oxidation piping upgrade is to be included in Item 5. The description does not indicate that this work is to be included and it could be interpreted that this work will be completed under the payment for Section 7.

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Response:

The Contract Administrator will track the loads of fill per loose truck volume as per answer to Question 27 of Addendum No.1. Payment will be under item 7.8 of the Schedule of Quantities and Prices.

50. Proponent Question:

Please confirm the Owner's intent with regards to the painting and coating for the walls and floors in the screen room. As this room must remain in service during this work, I expect that nothing is being removed from the walls in order to clean and coat. I am referring to items like electrical wiring and boxes, ductwork, OH door motor, brackets etc.

Response:

Only fixtures, conduits and piping being replaced is to be removed, all other installations that remain in place are to be painted around.

51. Proponent Question:

On addendum #1 question 7 does not answer if there are any anchors under the water level that need to be removed. Is the contractor to assume that there are no anchors below the water level that will require the channel to be dewatered to remove?

Response:

REFER TO ATTACHED SCREEN INSTALLATION DRAWINGS.

52. Proponent Question:

For the FRP grating over the channels what is the max length you would like to panels to be?

Response:

PROPONENT IS TO ASSUME MAXIMUM LENGTH OF PANELS TO BE 1.0 METRES.

53. Proponent Question:

On drawing M101 and M102 it shows foul air collectors to be installed and to refer to Claro submittal. On Claro's submittals submission it does not show where this would be attached to or a specification for the flexible joint. Could you please clarify and provide?

Response:

ANY NON-CORROSIVE FLEXIBLE JOINT SUITABLE FOR 20 YEAR SERVICE LIFE IS ACCEPTABLE. CLARO TYPICALLY RECOMMENDS A COMMERCIALY AVAILABLE PRODUCT. CONSULT WITH CLARO FOR FURTHER DETAILS.

54. Proponent Question:

Is the FOA 150 SS to be stainless steel sch 10 pipe or stainless steel ducting?

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Response:

STAINLESS STEEL DUCTING WITH SUFFICIENT RIGIDITY TO WITHSTAND 25 YEAR SERVICE LIFE IS ACCEPTABLE

55. Proponent Question:

On drawing M103 it shows the FOA piping tied together into the piping, but, on drawing M101 it shows it being run separately. What drawing is correct?

Response:

DRAWING M101 IS CORRECT.

56. Proponent Question:

On drawing M101 it notes Auto Sampler Collection Point. What is the contractor to provide for this?

Response:

The Auto Sampler Collection Point will be field fitted and could result in minor modifications to the affected grating panel.

57. Proponent Question:

Is an engineer's stamp required on the shop drawings as per question 12 of addendum 1?

Response:

Sealed engineering drawings are required for the seismic supports and aeration piping.

58. Proponent Question:

Section 15100 item 2.17 refers to the use of isolating flanges between dissimilar metals. Can you please clarify if they will be required between the valves and the stainless steel? If not is there any locations on the job it is required? If they are can you please clarify if you are looking for true isolation with bolt sleeves or will a standard gasket be approved?

Response:

BOLT SLEEVES

59. Proponent Question:

Can you please provide a pipe schedule to go with the pipe codes that include the pipe schedule, grade, and finish (insulation, coating or paint)?

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Response:

LOW PRESSURE AIR (LPA) : 304L SS, SCHEDULE 10S, ASTM A 778, NO INSULATION OR PAINTING

NON POTABLE WATER (NPW): Mild steel, galvanized, std wt. ASTM A53, Grade B. painted exterior finish.

FOUL AIR: 304L SS, 16 GAUGE, NO INSULATION OR PAINTING

60. Proponent Question:

Is the LPA 350 SS pipe to be welded, grooved or use straub couplings to connect the pipe lengths together?

Response:

ALL THREE WILL BE USED ALONG THE TOTAL PIPELINE. MAJORITY OF JOINTS ARE GROOVED, See Note 2 on G6

61. Proponent Question:

Can you please provide a drawing detail of the tie in of WAS-200-ST to WAS-200P-PVC?

Response:

NO, PIPING REQUIREMENTS ARE SHOWN SCHEMATICALLY, Contractor to expose and confirm tie-in details at this location prior to this work commencing as per item 3.1.1 of Section 15100.

62. Proponent Question:

Instruction to tenders part 1 item 4.9.3 states faxed revisions must be received by the Owner at least 1 hour before the scheduled tender closing time. Could you please change it to 15 min prior to closing as most of the tenderers will be closing the project from their office and amending by fax as it is not a public tender opening?

Response:

This only applies to Amendments of Tenders and is to be adhered to as is written.

63. Proponent Question:

What tender line item is to include the WAS-200-ST to WAS-200-PVC connection?

Response:

4.1 of Schedule of Quantities and Prices

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64. Proponent Question:

On drawing M703 what are the locations of the pipe stands on the 8" WAS line?

Response:

CONTRACTOR TO DESIGN AND PROVIDE SUBMITTAL

65. Proponent Question:

The wye's on the WAS line shown on drawing M703 are they to be fabricated with grooved ends or Victaulic?

Response:

GROOVED ENDS FOR VICTAULIC COUPLINGS

66. Proponent Question:

On drawing M102 it shows new ducts connected to existing FOA duct. There is an existing duct drop already or is the new duct to be installed further up and go under the grating in the channel?

Response:

THIS REFERS TO A NEW FOUL AIR SUCTION DUCT TO THE UNDERSIDE OF THE CHECKER PLATE

67. Proponent Question:

On drawing M703 it shows the piping to start at a flange, it appears to have an 8" groove at the wall. Are we including everything up to the automatic plug valve or will that be completed before the contractor starts on site? If not could you please provide the style of couplings and reducer (to be Victaulic or welded spool)?

Response:

CONTRACTOR SCOPE BEGINS AT THE VICTUALIC COUPLING

68. Proponent Question:

Are the walls and floors to the influent channels to be prepped and coated and if yes to what extent. Also please provide material coating specification.

Response:

Only Walls and Floors of Screen Room are to be refinished as per Notes 1 and 2 of drawing G9. The effluent channel refinishing has been deleted from the Scope as per the strikeout of Note 6 of drawing G9. The Owner may choose to assess the condition of the effluent channel coating during the screen installation and the Owner may choose to recoat the effluent channel based

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on this assessment, in which case any related work will be dealt with as a Change to the Contract.

69. Proponent Question:

Regarding the Supplementary General Conditions, Item 25.4.1 Financial Security, can you please confirm the duration of the Maintenance Period Financial Security will be 1 year from the date of substantial performance?

Response:

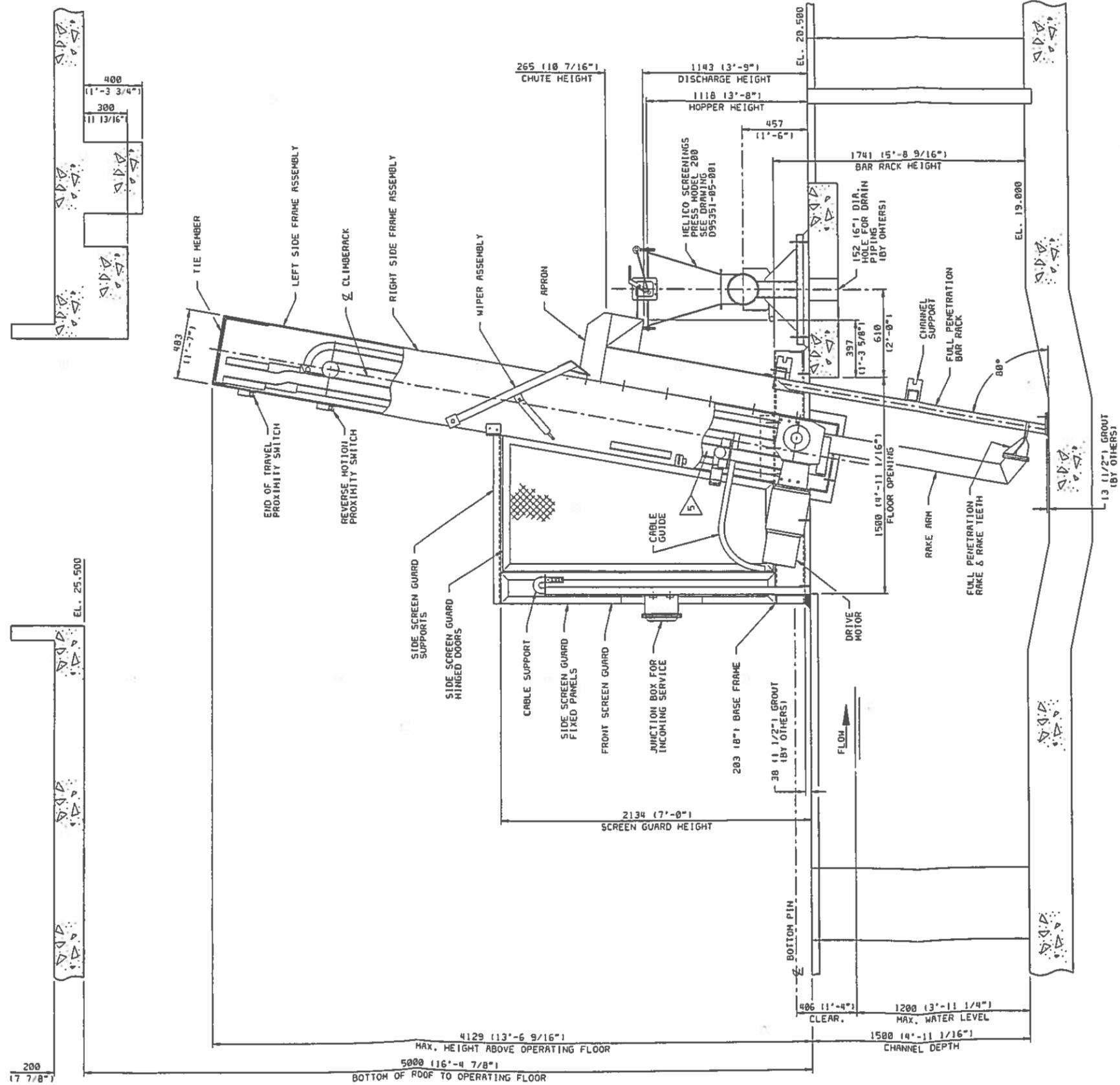
The Maintenance Period commences at the point in time Substantial Performance is issued with the exceptions of Defective and or Deficient Work as per GC 25.2.1 of the MMCD General Conditions and Early Use of the Work as per GC 26.3.1 of the MMCD General Conditions.

The Maintenance Period Financial Security will be held for the duration of the Maintenance Period.

End of Addendum

Acknowledgement of this Addendum in your Tender submission is required.

Clinton J. Crook, SCMP, CPSM
Senior Buyer



**RIGHT SIDE ELEVATION
(ME 110)**

SEE DRAWING 095351-01-001 FOR FRONT ELEVATION AND GENERAL NOTES

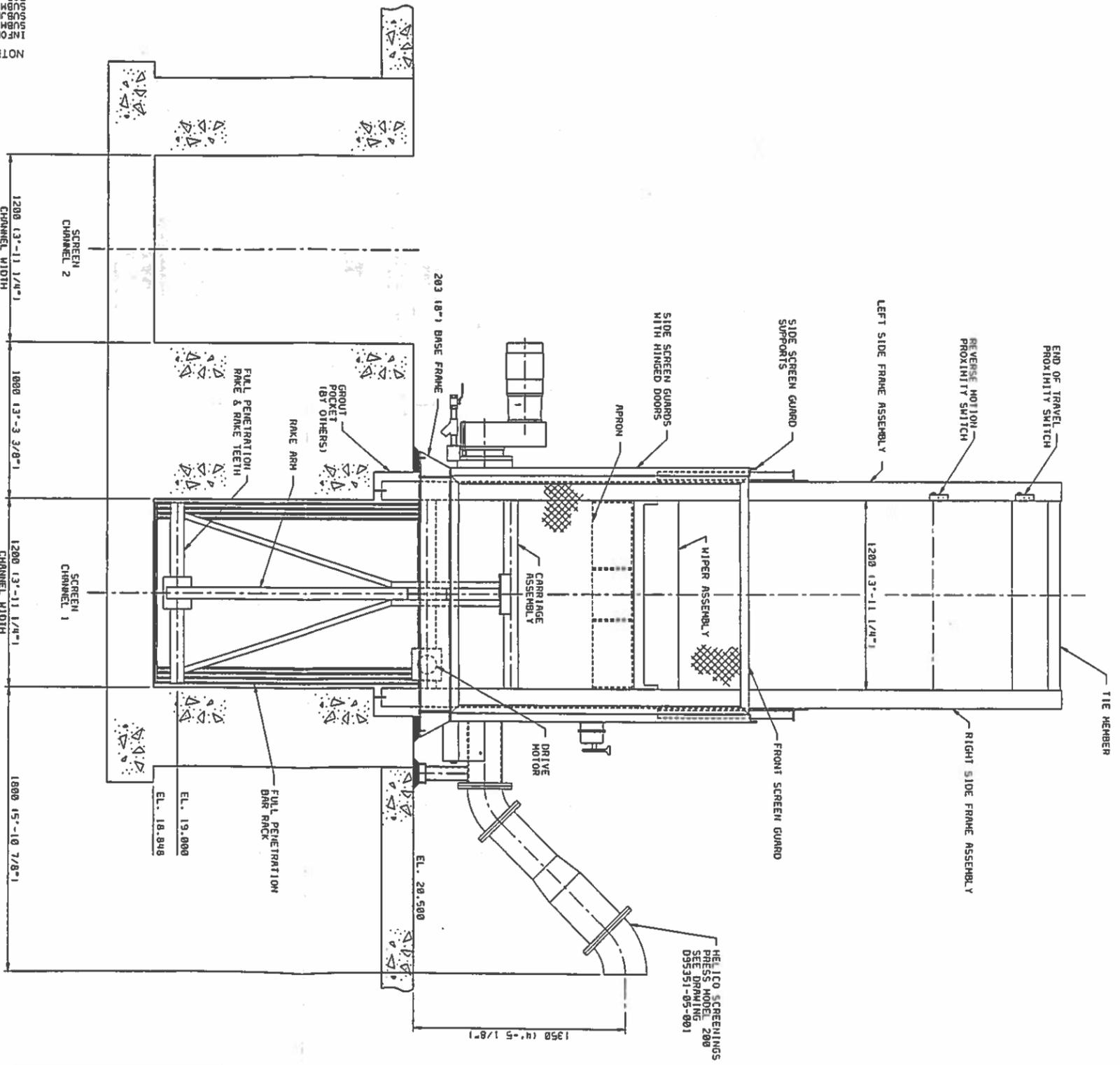
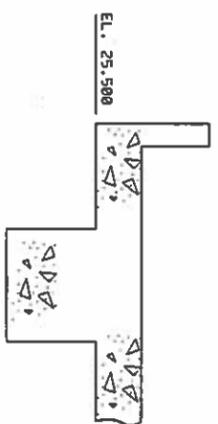
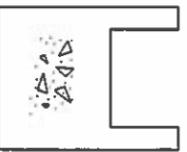
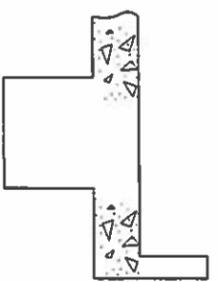
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<input type="checkbox"/> Information Only - Return not required.	
<input type="checkbox"/> Preliminary - Not to be used for construction.	
<input type="checkbox"/> For Approval - Requests for changes can add to price and delay shipment.	
<input checked="" type="checkbox"/> Certified	
For NORM WOOD ENVIRONMENTAL CENTRE DISTRICT OF CAMPBELL RIVER, B.C.	
Cust. Ord. No. 3037 00010	
Infilco Degremont Inc. No. 95351	
Date 1-2-96 Item No. 0101.0301.0501	

DR	GKS	11	
CHK	EB	12	
APP.	EB	12	
APP.		95	
CADD NO	35101002-K35		
SCALE	3/4" = 1'-0"		
REFERENCE	161.06251		
Infilco Degremont Inc. Post Office Box 71390 Richmond Virginia 23255-1390			
LAYOUT RIGHT SIDE ELEVATION CLIMBER SCREEN TYPE II			
SCALE	3/4" = 1'-0"	SHEET	D
REV		DWG NO	95351-01-002
			-

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FRONT ELEVATION
(ME 110)

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DATE	11/95	BY	GKS
CHKD	11/95	BY	GKS
APP'D	11/95	BY	GKS
APP'D	11/95	BY	GKS
SCALE	3/4"=1'-0"	ASSEMBLY	
PROJECT	161.06251	ITEM NO.	1-2-76

Infilco Degremont Inc.
 2225-1200
 95351-01-001

- NOTES:
- 1) SEE INFILCO DEGREMONT DESIGN SPECIFICATIONS AND OPERATION.
 - 2) INFILCO DEGREMONT, INC. WILL FURNISH ONE (1) CLIMBER SCREEN PER THIS DRAWING.
 - 3) USE THIS DRAWING IN CONJUNCTION WITH THE FOLLOWING:
 SIDE ELEVATION-----D95351-01-002
 FOUNDATION LAYOUT-----D95351-01-003
 UNIT WIRING DIAGRAM-----C95351-01-004
 MOTOR FEED LAYOUT-----D95351-01-005
 HELICO PRESS LAYOUT-----D95351-05-001
 - 4) ALL GROUING IS TO BE PLACED AFTER THE CLIMBER SCREEN IS PROPERLY ALIGNED AND TESTED.
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