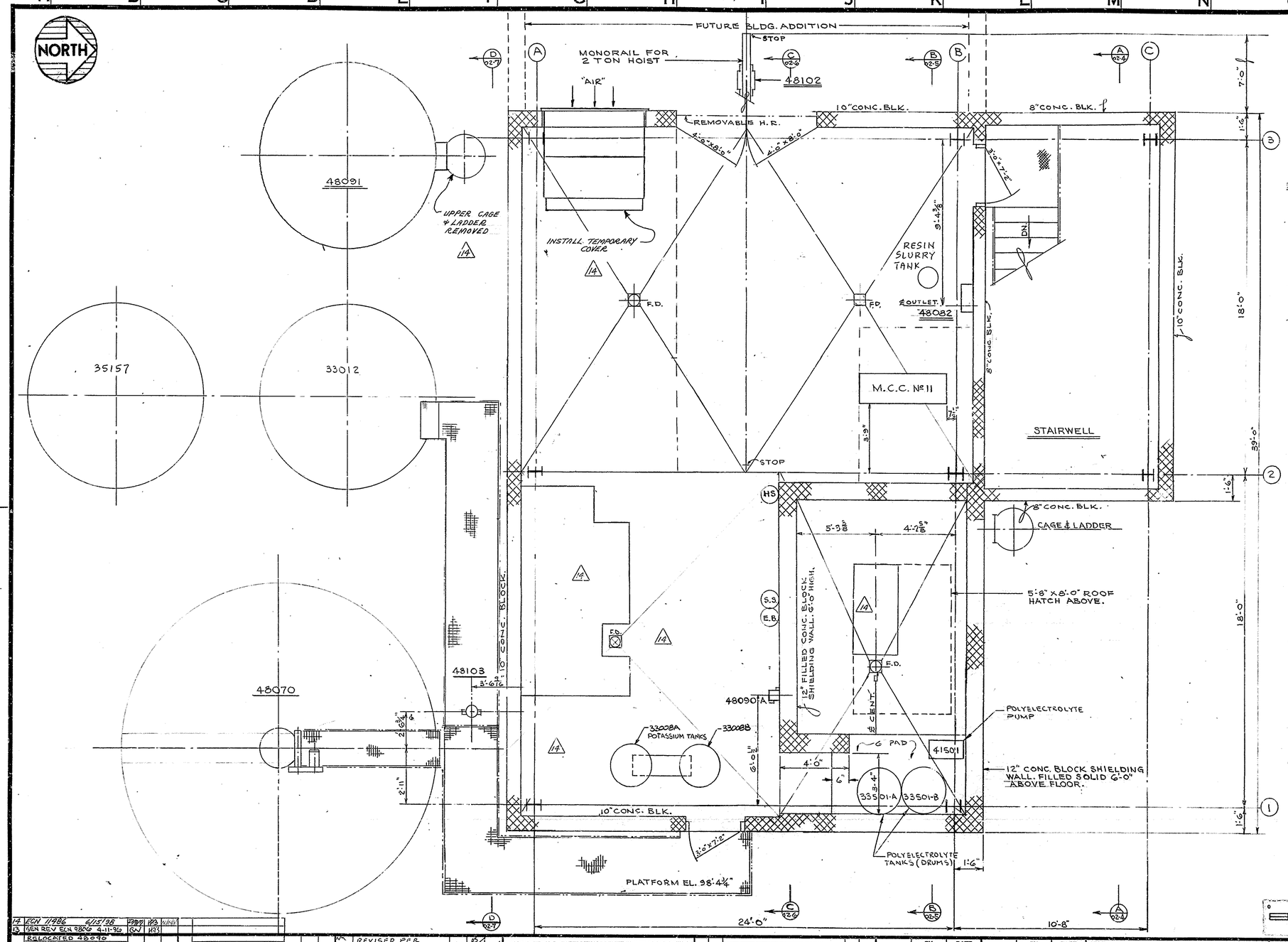
VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE.
INIT_____ DATE_____

2401-02-202-2




ITEM LIST

| Item No. | Description |
|---|---|
| 33007 | Caustic Mix. Tank |
| 33007-A | Caustic Mix Tank Agitator |
| 33008 | Ferrous Sulfate Mix Tank |
| 33008-A | Ferrous Sulfate Mix Tank Agitator |
| 33009 | ~~Clay Slurry Tank~~ SODIUM CARBONATE MIX TANK |
| 33009-A | ~~Clay Slurry Tank Agitator~~ SODIUM CARBONATE MIX TANK AGITATOR |
| 33012 | Recycle Tank |
| 33012-A | Recycle Tank Agitator |
| 33013 | ~~Acid Mix Tank~~ STRONG ACID TANK |
| 35085 | Caustic Feed Tank |
| 35086 | Ferrous Sulfate Feed Tank |
| 35105 | Dewatered Sludge Tank |
| 41045-1,2 | Dilute Waste Feed Pumps |
| 41046 | Caustic Metering Pump |
| 41047 | Ferris Sulfate Metering Pump |
| ~~41048~~ | ~~Clay Sl.~~ |
| 41050 | Sludge Pump |
| 41054 | Recycle Pump |
| 41060 | Clarified Water Pump |
| 41062 | Acid Metering Pump |
| 41067-1,2 | Ion Exchange Feed Pumps |
| 48070 | Flocculator Clarifier |
| 48090 | Centrifuge |
| 48091 | Clarified Water Filter |
| 48092-1,2 | Ion Exchangers |
| 48090-A | CENTRIFUGE GREASE PUMP. |
| 48082 | INST. AIR DRYER. |
| 48098 | SHIELDING WDW. (DRUM FILLING) |
| 48099 | SHIELDING WDW. (DRUM SEALING) |
| 48102 | WASTE TREATMENT CHEMICAL HOIST. |
| 48103 | ADDITIVE MIXER |
| 48121-22-23 | DRUM CONVEYORS |
| 50043 | SHIELDING DOOR. |
| 50046 | DRUM LID LOADING STA. |
| 50047 | DRUM LID CLAMPING STA. |
| 50048 | DRUM FILLING STA. |
| 50051 | IMPACT WRENCH. |
| 48501 | CLAY FEEDER |
| 41501 | POLYELECTROLYTE PUMP |
| 33501-A,B | POLYELECTROLYTE TANKS |
| 33106 | ACID MIX TANK |
| 41069 | REGENERATION PUMP |
| 48502 | FEED SUMP HEATER |

FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE DWG. 2401-200-1

SCALE IN FEET

| REV. NO. | DESCRIPTION | MADE BY | CHKD BY | DATE CHKD |
|---|---|---|---|---|
| 14 | ECN 11986 | | | 6/15/86 |
| 13 | ECN REV ECN 8806 | | | 4-11-86 |
| 4 | RELOCATED 48090 ADDED CURB AROUND 33013. REV. PLAT. | JE | | 10-26 |
| 3 | RELOCATED 48090 CHGD Roof SIZE. | JE | | 10-15 |
| 2 | ADDED 43102 & ADDED TO ITEM LIST. | JE | | 10-1 |
| 1 | REDRAWN | JE | | 9-18 |

| REV. NO. | DESCRIPTION | MADE BY | CHKD BY | DATE CHKD |
|---|---|---|---|---|
| 8 | ADDED 48090A AND TO ITEM LIST. | J.E. | | 1-8 |
| 7 | RELOCATED 48092. ADDED TO TK. PAD | JE | | 1-4 |
| 6 | RELOCATED 41046, 41047, 41062, & 48082 | JE | | 12-12 |
| 5 | REV. PLAT TO GRATING ADDED 48103 | JE | | 11-26 |

| REV. NO. | DESCRIPTION | MADE BY | CHKD BY | DATE CHKD |
|---|---|---|---|---|
| 12 | REVISED PER ECN 12256 | JH | | |
| 11 | REVISED | JH | | 10-19-72 |
| 10 | AS BUILT ISSUE | GFM | | 9-15-71 |
| 9 | RELOCATED 48103 | JE | | 2-4 |

| NO. | DATE | B-K CO. | B-K CO. | N.F.S. INC. |
|---|---|---|---|---|
| 10 | 9-15-71 | | | |
| 2 | 10-1-70 | | | |

APPROVED FOR CONSTRUCTION

| NO. | REV. | RELEASED FOR | APP. | DATE |
|---|---|---|---|---|
| 2 | 2 | CONSTRUCTION | JE | 10-1 |
| 1 | 0 | ENGINEERING | JE | 7-21 |

| | BY | DATE | | BY | DATE |
|---|---|---|---|---|---|
| APPR. | CUSTOMER | 7-21-70 | DRAWN | J.L.BERLY | 7-20-70 |
| APPR. | W.L.B | 7-21-70 | TRCD | | |
| APPR. | | | CHKD. | | |
| APPR. | | | | | |

SCALE 3/8" = 1'-0"

UNIT TITLE: LOW LEVEL WASTE TREATMENT LAYOUT SECOND FLOOR PLAN EL. 39'-0"

FOR N.F.S. INC. W. VALLEY, N.Y.

BLAW-KNOX COMPANY
CHEMICAL PLANTS DIVISION
PITTSBURGH, PENNSYLVANIA

DRAWING NUMBER 2401-02-202-2 REV. 14

FORM No. E-355-REV. 6-68 "D"

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FIGURE V-2-28