



PARTS & SERVICE MANUAL

MODEL 1750-C

Document: 1750-C Parts Manual Rev. 2.5

Covers Serial Number Range:

545-A-75TJS7Y2-00545 thru _____

SOLD & SERVICED BY



Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGE</u>
Quick Order Page	2
Engine Enclosure	3
Engine Compartment	4
Engine Assembly – Left Side	5
Engine Assembly – Right Side	6
Hopper Assembly – Left Side	7
Hopper Assembly – Right Side	8
Hopper Assembly – Center	9
Screed Assembly – Front	10
Screed Assembly – Rear	11
Flight Chain Assembly	12
Vibrator Assembly	13
Track Assembly	14
Idler Assembly	14
Drive Assembly	14
Battery Assembly	15
Propane Assembly	15
Electrical System Schematic	Appendix A
Main Hydraulic Circuit Schematic	Appendix B
Feeder System Hydraulic Circuit Schematic	Appendix C
Cylinder Hydraulic Circuit Schematic	Appendix D

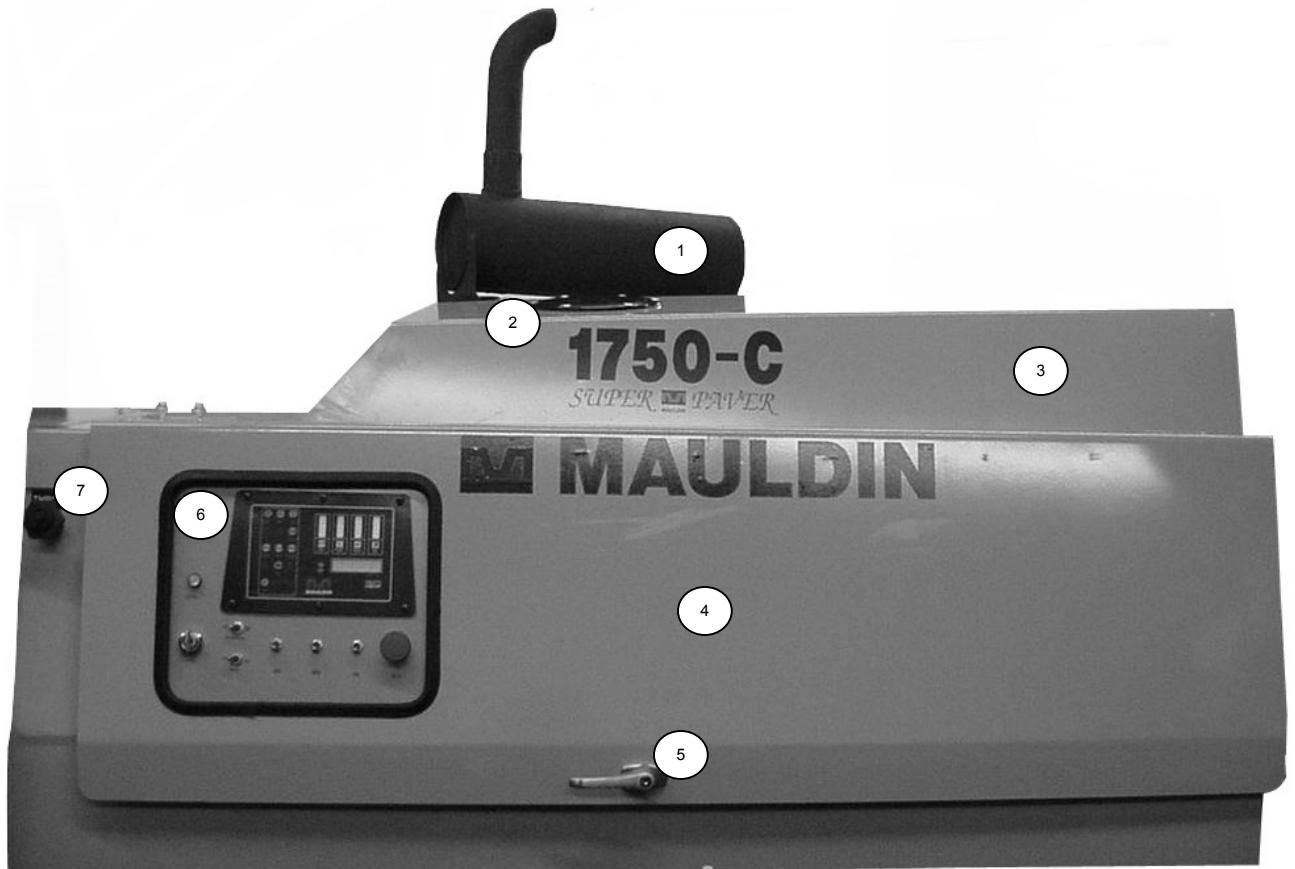
Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

QUICK ORDER PAGE

Auger, Hanger Assembly (LH).....	111-400404
Auger, Hanger Assembly (RH).....	111-100403
Auger, Lower (LH)	092-0014
Auger, Lower (RH)	092-0013
Auger, Upper (LH)	092-0012
Auger, Upper (RH).....	092-0011
Battery	020-0369
Cable, Throttle	050-0347
Cap (Engine Inspection).....	020-0026
Cap (Fuel Tank).....	050-0522
Cap (Hydraulic Tank)	060-0069
Cap (Wash Down Tank)	050-0522
Coupling Chain, Auger (X 4)	015-0045
Coupling Half, Auger (X 4)	015-0154
Cut Off Plate (1'LH)	090-0136A
Cut Off Plate (1'RH).....	090-0136B
Cut Off Plate (2'LH)	090-0136C
Cut Off Plate (2'RH).....	090-0136D
Cut Off Plate (3'LH)	090-0136E
Cut Off Plate (3'RH).....	090-0136F
Decal Kit	024-0027
Fan Belt	010-0389
Filter, Engine Oil	021-0166
Filter, Fuel (In-Line)	021-0197
Filter, Fuel / Water Separator (Spin -On)	021-0167
Filter, Hydraulic Oil	021-0196
Flight Chain.....	093-0121
Flight Chain Bar.....	015-0258
Flight Chain Rivet	015-0259
Fuel Sender	020-0174
Key Switch.....	020-0156*
Lighting Torch Assembly	090-0231
Plastic, Front Hopper	015-0244
Plastic, Hopper Gate Bottom	015-0180
Preventative Maintenance Kit (Air Cleaner/Pre Cleaner).....	050-0389
Push Roller Assembly	091-0006
Screed Burner Assembly.....	093-0217
Screed Plate.....	092-0301
Seat	050-0017
Spare Keys	020-0087
Spray Nozzle Assembly.....	050-0361
Sprocket, Drive	093-0324
Sprocket, Idler Assembly.....	093-0221
Strainer, Outlet (Hydraulic Tank)	021-0186
Track Roller	050-0163
Ultra Sonic Sensor (LH)	050-0349
Ultra Sonic Sensor (RH)	050-0349A
Ultra Sonic Sensor Cord.....	050-0350

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

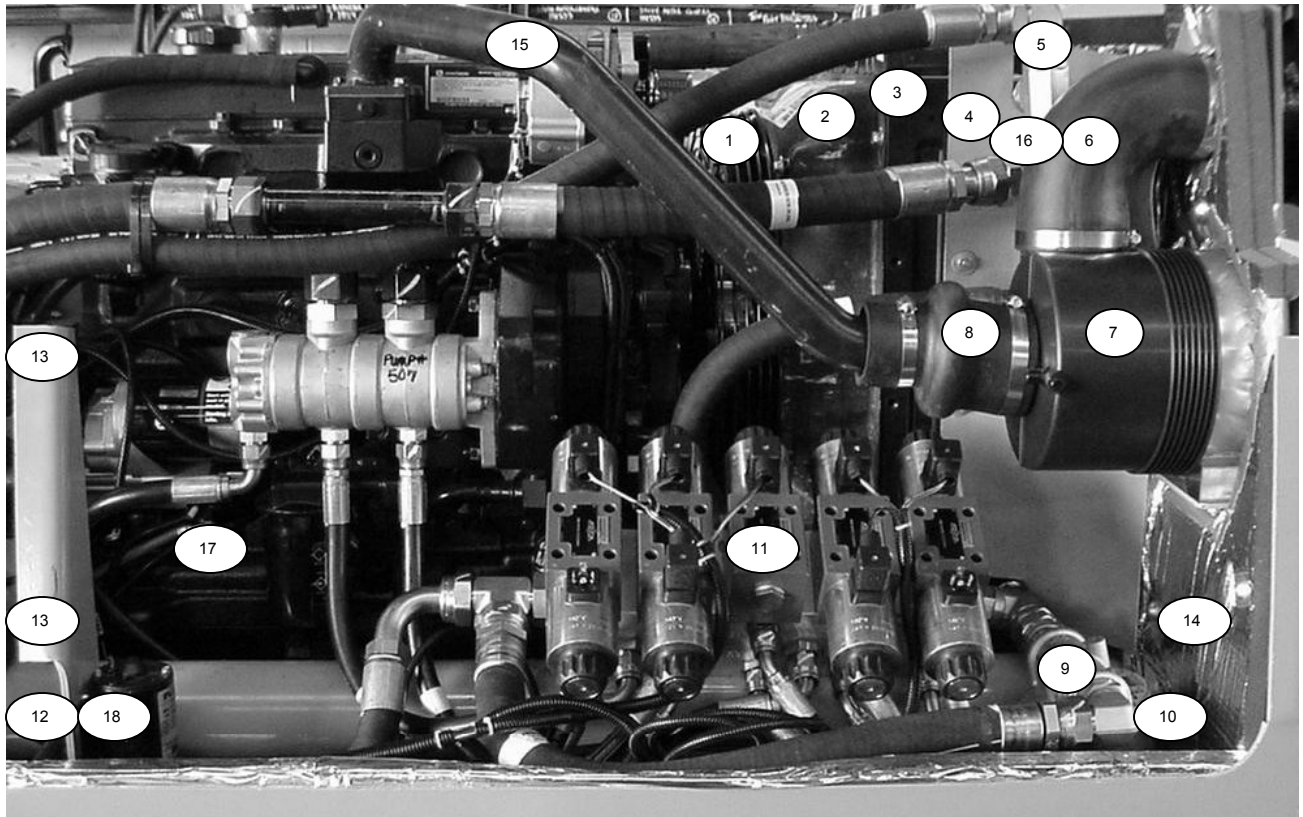
ENGINE ENCLOSURE



- | | |
|--------------------------------------|--------------------------|
| 1. Muffler Kit (low profile) | 050-0524 |
| 2. Cap (Engine Inspection) (X2)..... | 050-0026 |
| 3. Engine Enclosure Hood | 091-100165 |
| 4. Engine Enclosure Door..... | 091-100190 |
| 5. Handle/Latch Assembly | 050-0362A |
| 6. Control Panel Assembly | See Electrical Schematic |
| 7. Throttle Cable | See Engine (Left) |

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

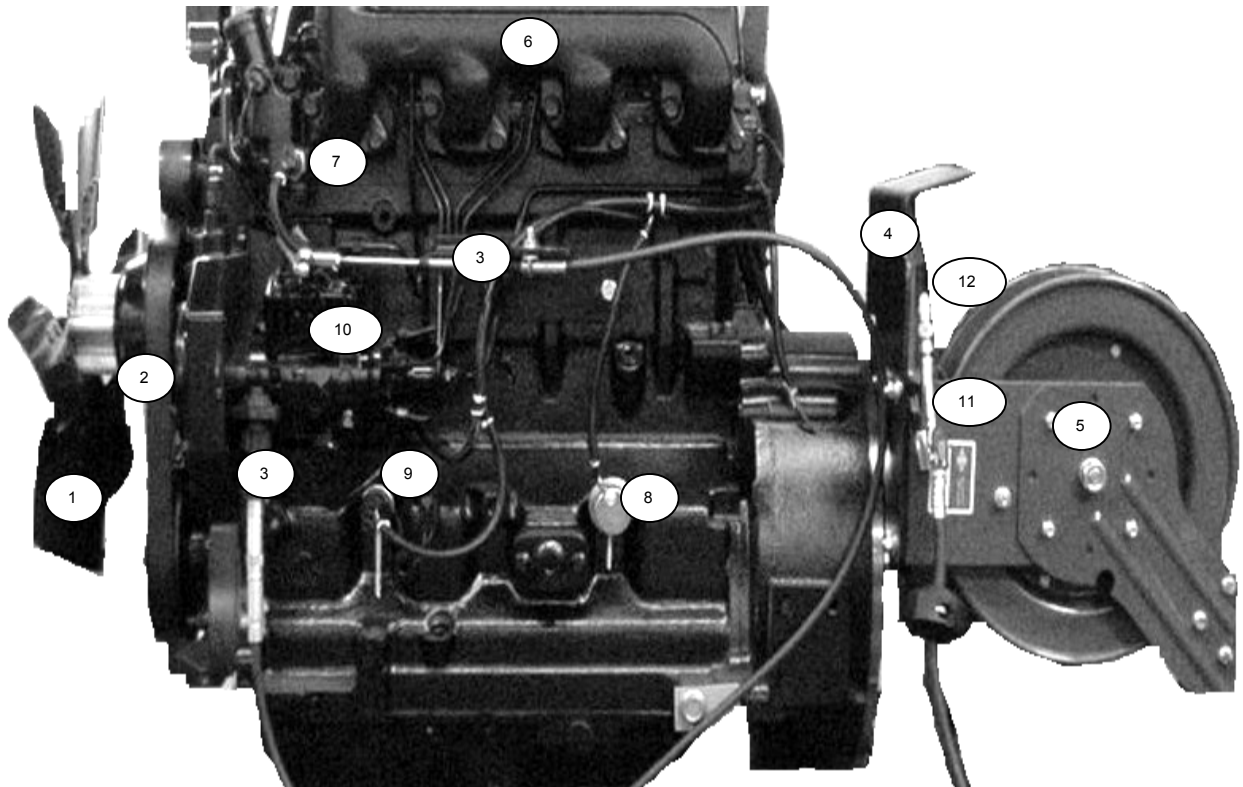
ENGINE COMPARTMENT



1. Fan Guard	010-0393
2. Radiator Shroud	010-0394
3. Radiator	010-0074
4. Engine Air Baffle Kit	092-0305
5. Oil Cooler	050-0181
6. Rubber Elbow.....	050-0391
7. Preventative Maintenance Kit (Air Cleaner/Pre Cleaner)	See Hopper (Right)
8. Hump Reducer	050-0373
9. Hydraulic Oil Filter Assembly (Head and Filter).....	021-0181
10. Hydraulic Oil Filter.....	021-0196
11. Valve Bank	See Feeder Schematic
12. Wash Down Pump	011-0231A
13. Rubber Mounts (Main Controller Assembly) (x4)	050-0214
14. Sound Insulation Kit (6 pieces)	015-0239
15. Air Intake Pipe.....	050-0377
16. Check Valve (Built Into Fitting).....	014-1061
17. Electric Starter Solenoid.....	020-0001
18. Drive Pump Case Drain Filter (beginning with s/n: 191-C-75TJS7Y2-01191)	021-0169

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

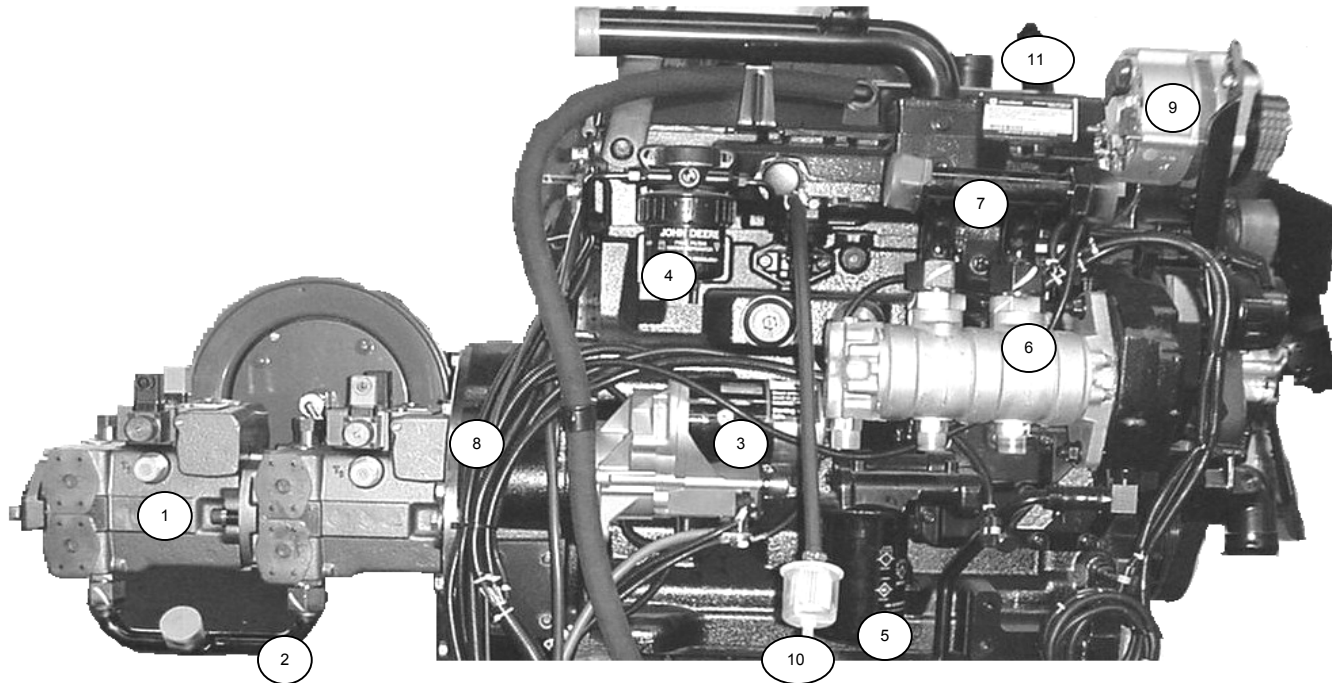
ENGINE ASSEMBLY – LEFT SIDE



1. Fan.....	010-0342
2. Fan Belt.....	010-0389
3. Throttle Cable	050-0347
4. Wash Down Reel Mounting Bracket	093-100335
5. Wash Down Reel	050-0344
6. Exhaust Manifold	010-0356
7. Oil Temperature Sender	020-0390
8. Oil Pressure Sender.....	020-0304
9. Oil Pressure Switch.....	020-0370
10. Fuel Injection Pump	010-0390
11. Spray Nozzle Assembly	050-0361
12. Spray Nozzle Tip	050-0103

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

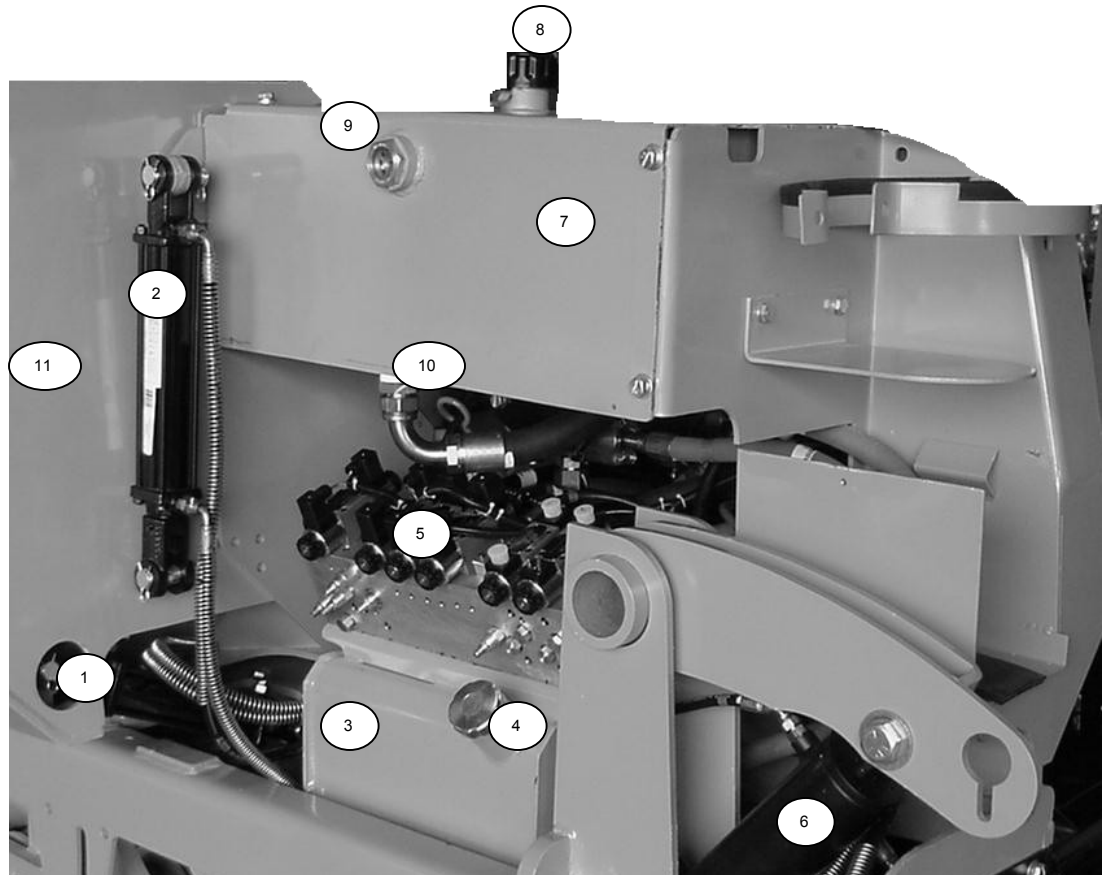
ENGINE ASSEMBLY – RIGHT SIDE



1. Main Pump.....	011-0149
2. Tube Assembly (Main Pump).....	050-0374
3. Starter	010-0391
4. Fuel Filter / Water Separator.....	021-0167
5. Oil Filter.....	021-0166
6. Auxiliary Gear Pump	011-0240
7. Tube Assembly (Auxiliary Pump)	050-0363
8. Flywheel Adaptor Kit	050-0317
9. Alternator	010-0392
10. Inline Fuel Filter	021-0197
11. Engine.....	010-0242

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

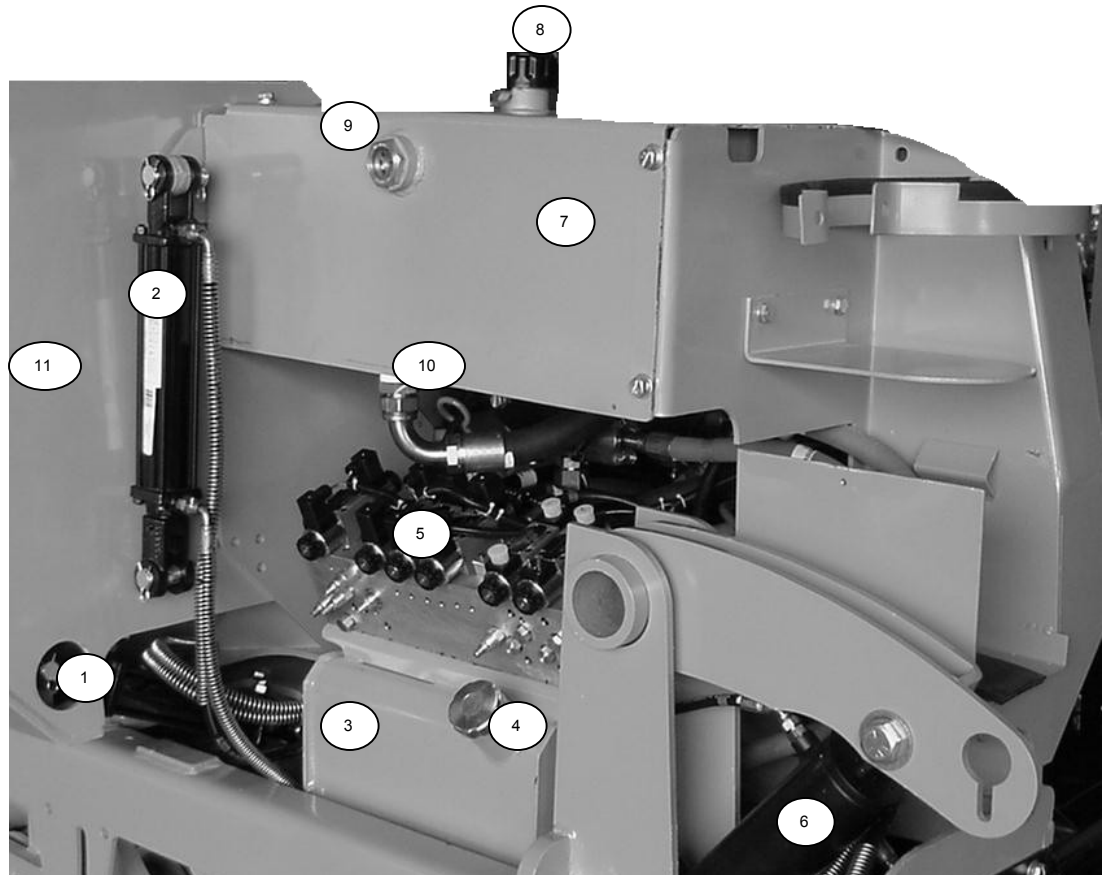
HOPPER ASSEMBLY – LEFT SIDE



1. Hopper Cylinder (LH & RH).....	012-0009
2. Tow Point Cylinder (LH & RH).....	012-0065
3. Wash Down Tank Assembly (Welded Into Frame)	091-100158
4. Cap (Wash Down Tank)	050-0522
5. Valve Bank.....	See Cylinder Schematic
6. Screed Lift Cylinder.....	012-0061
7. Hydraulic Tank Assembly.....	091-100122
8. Cap (Hydraulic Tank).....	060-0069
9. Sight Gauge (Hydraulic Tank).....	060-0066
10. Outlet Strainer.....	021-0186
11. Hopper Assembly (LH).....	092-100216
12. Engine Compartment Louvered Cover (LH) (<i>not shown</i>)	093-100313
13. Sensor Connection Enclosure (LH) (<i>not shown</i>)	See Electrical Schematic

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

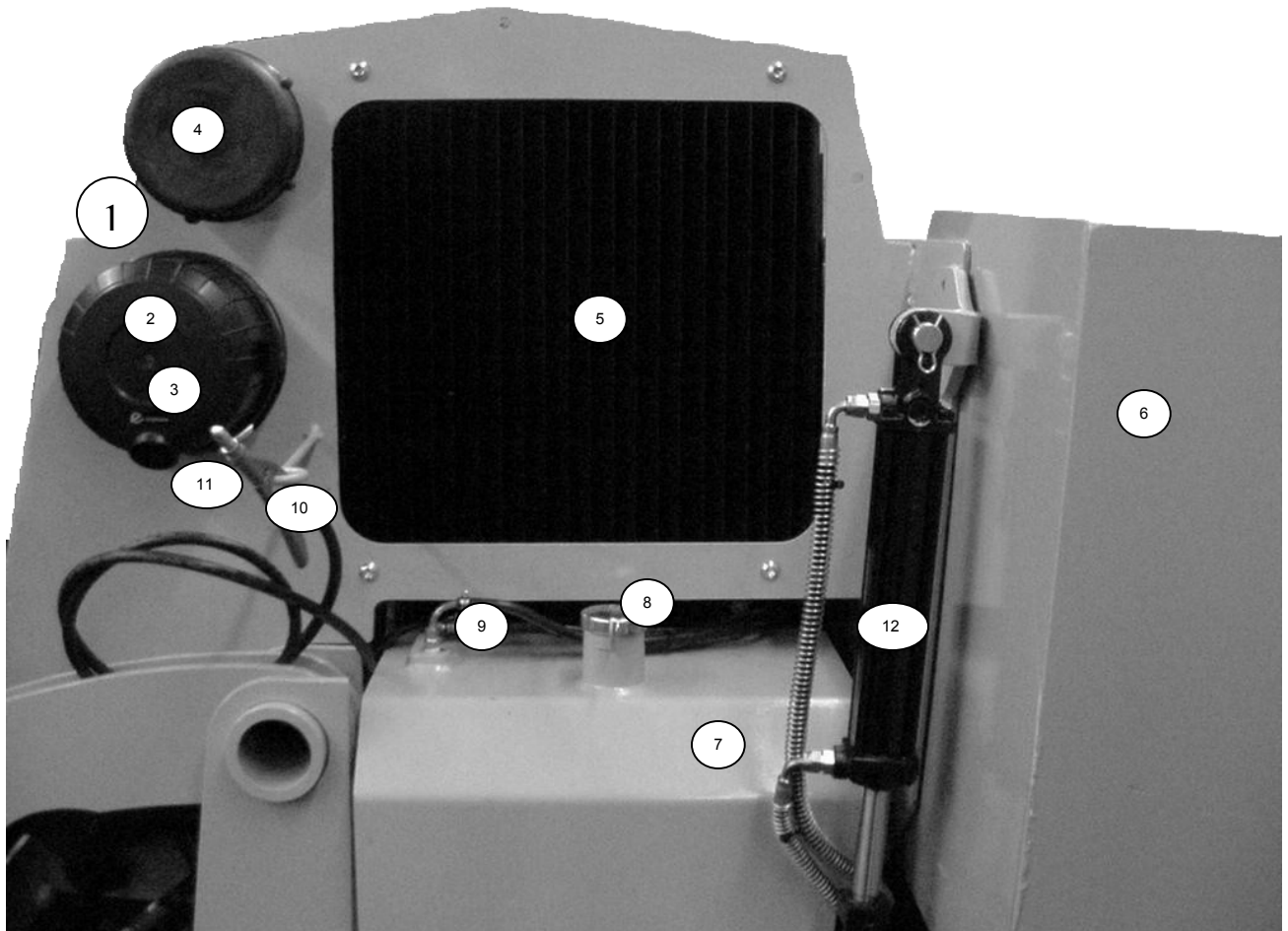
HOPPER ASSEMBLY – LEFT SIDE



1. Hopper Cylinder (LH & RH).....	012-0051
2. Tow Point Cylinder (LH & RH).....	012-0065
3. Wash Down Tank Assembly (Welded Into Frame)	091-100158
4. Cap (Wash Down Tank)	050-0522
5. Valve Bank.....	See Cylinder Schematic
6. Screed Lift Cylinder.....	012-0061
7. Hydraulic Tank Assembly.....	091-100122
8. Cap (Hydraulic Tank).....	060-0069
9. Sight Gauge (Hydraulic Tank).....	060-0066
10. Outlet Strainer.....	021-0186
11. Hopper Assembly (LH).....	092-100853
12. Engine Compartment Cover (LH) (<i>not shown</i>)	093-100946
13. Sensor Connection Enclosure (LH) (<i>not shown</i>)	See Electrical Schematic

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

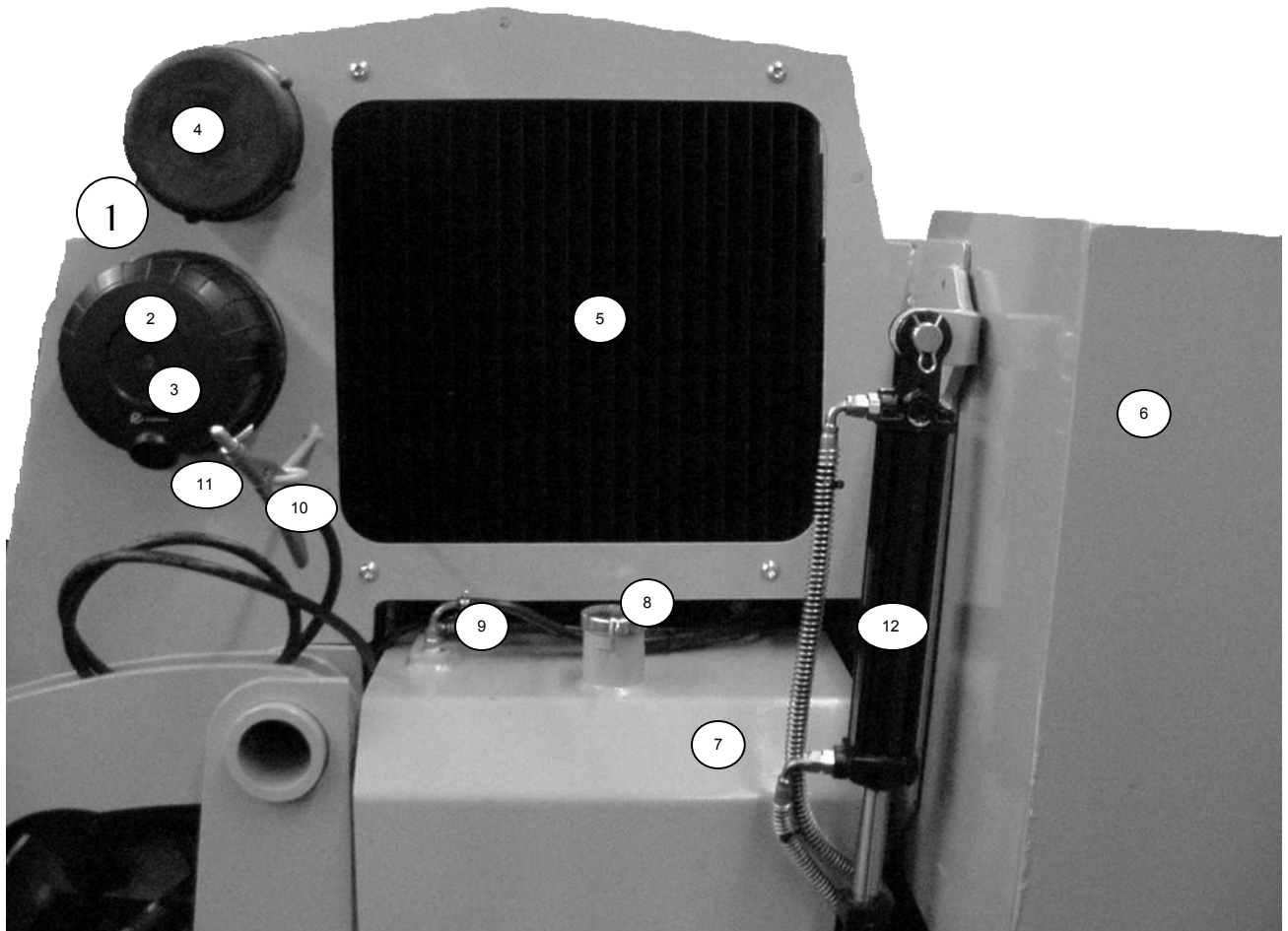
HOPPER ASSEMBLY – RIGHT SIDE



- | | |
|---|--------------------------|
| 1. Preventative Maintenance Kit (Air Cleaner/Pre Cleaner)..... | 050-0389 |
| 2. Main Element (Air Cleaner) (Inside Case)..... | 050-0518 |
| 3. Inner Element (Air Cleaner) (Inside Case) | 050-0544 |
| 4. Pre-Cleaner | 050-0390 |
| 5. Engine Compartment Grill (RH)..... | 092-100172 |
| 6. Hopper Assembly (RH)..... | 092-0217 |
| 7. Fuel Tank Assembly | 091-100157 |
| 8. Cap (Fuel Tank) | 050-0522 |
| 9. Fuel Sender..... | 020-0174 |
| 10. Spray Nozzle Assembly | 050-0051 |
| 11. Spray Nozzle Tip | 050-0103 |
| 12. Tow Point Cylinder..... | See Hopper (Left) |
| 13. Hopper Cylinder (<i>not shown</i>) | See Hopper (Left) |
| 14. Sensor Connection Enclosure (RH) (<i>not shown</i>) | See Electrical Schematic |

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

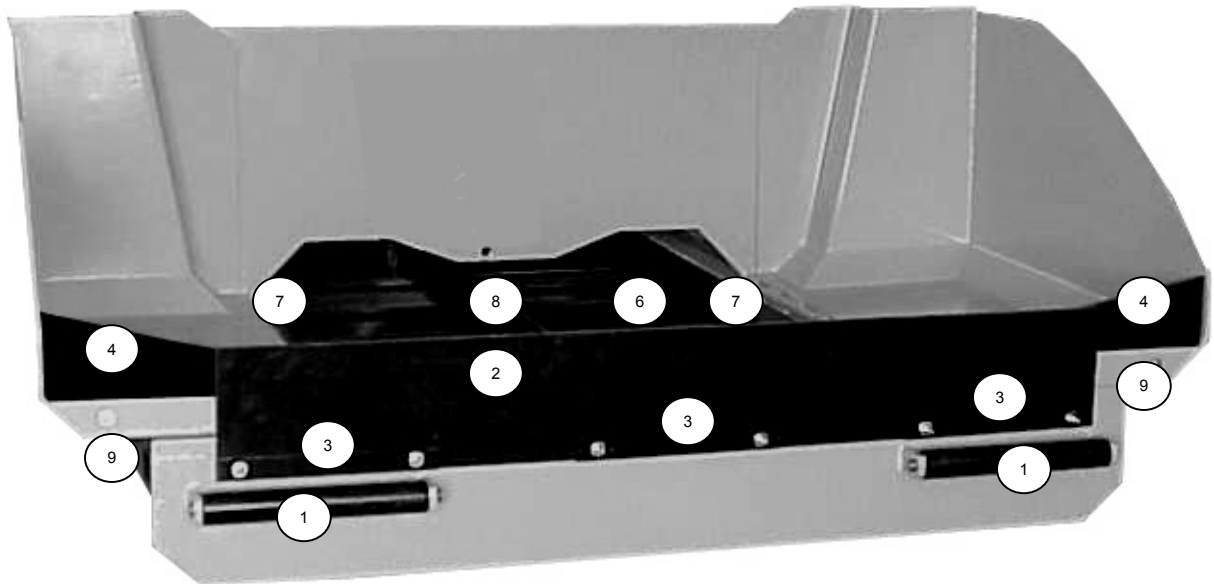
HOPPER ASSEMBLY – RIGHT SIDE



- | | |
|---|--------------------------|
| 1. Preventative Maintenance Kit (Air Cleaner/Pre Cleaner)..... | 050-0389 |
| 2. Main Element (Air Cleaner) (Inside Case)..... | 050-0518 |
| 3. Inner Element (Air Cleaner) (Inside Case) | 050-0544 |
| 4. Pre-Cleaner | 050-0390 |
| 5. Engine Compartment Grill (RH)..... | 092-100172 |
| 6. Hopper Assembly (RH)..... | 092-100852 |
| 7. Fuel Tank Assembly | 091-100157 |
| 8. Cap (Fuel Tank) | 050-0522 |
| 9. Fuel Sender..... | 020-0174 |
| 10. Spray Nozzle Assembly | 050-0051 |
| 11. Spray Nozzle Tip | 050-0103 |
| 12. Tow Point Cylinder..... | See Hopper (Left) |
| 13. Hopper Cylinder (<i>not shown</i>) | See Hopper (Left) |
| 14. Sensor Connection Enclosure (RH) (<i>not shown</i>) | See Electrical Schematic |

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

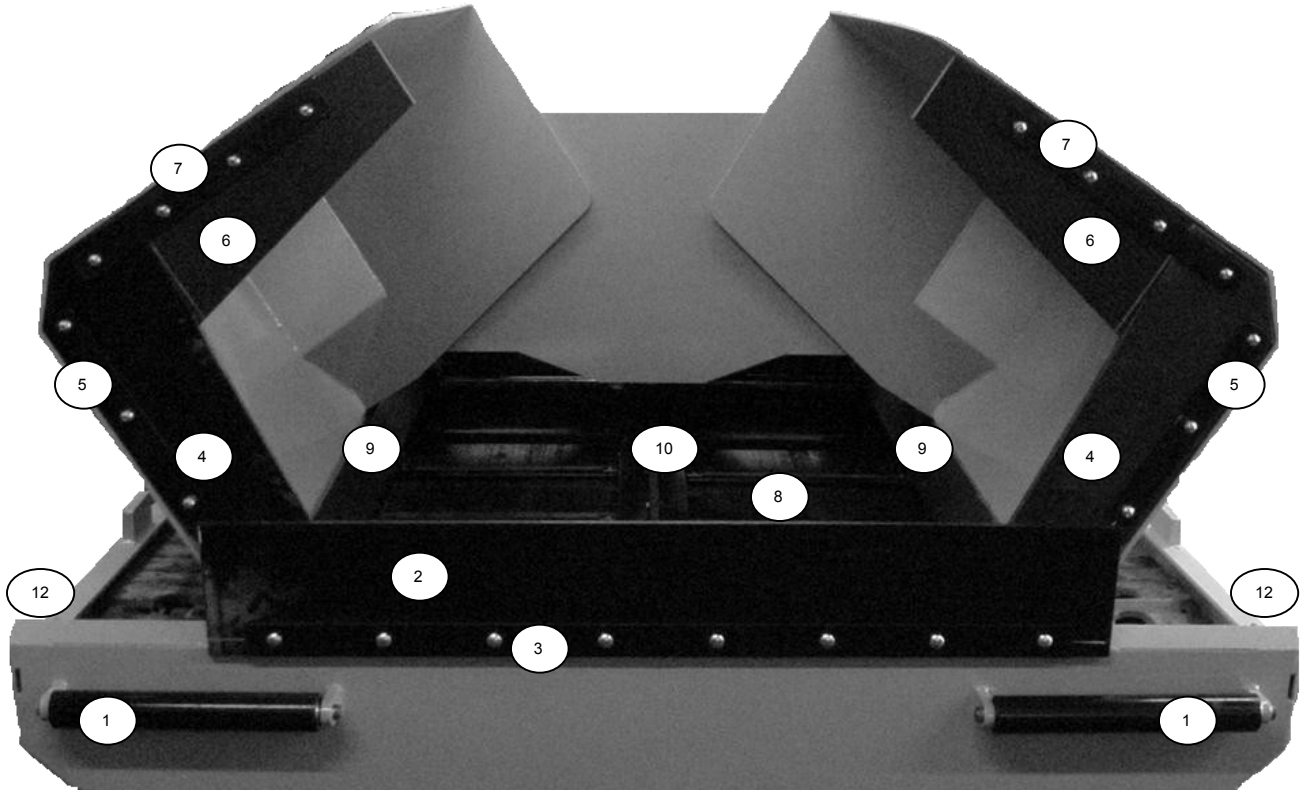
HOPPER ASSEMBLY - CENTER



- | | |
|---|------------|
| 1. Push Roller Assembly | 091-0006 |
| a. Push Roller – 20" (<i>not shown</i>) | 091-0006A |
| b. Push Roller Shaft – 22" (<i>not shown</i>) | 093-0038 |
| 2. Front Plastic | 015-0244 |
| 3. Front Plastic Retainer (x3) | 093-100305 |
| Front Plastic Retainer (<i>if only 2</i>) | 093-100337 |
| 4. Hopper Bottom Plastic | 015-0180 |
| 5. Hopper Bottom Plastic Retainer | 093-0340 |
| 6. Front Flight Chain Cover (x2) | 092-100137 |
| 7. Side Flight Chain Cover | 092-100133 |
| 8. Center Flight Chain Cover (RH) | 092-100782 |
| Center Flight Chain Cover (LH) | 092-100783 |
| 9. Sight Guide (x2) (<i>not shown</i>) | 093-0266 |

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

HOPPER ASSEMBLY - CENTER

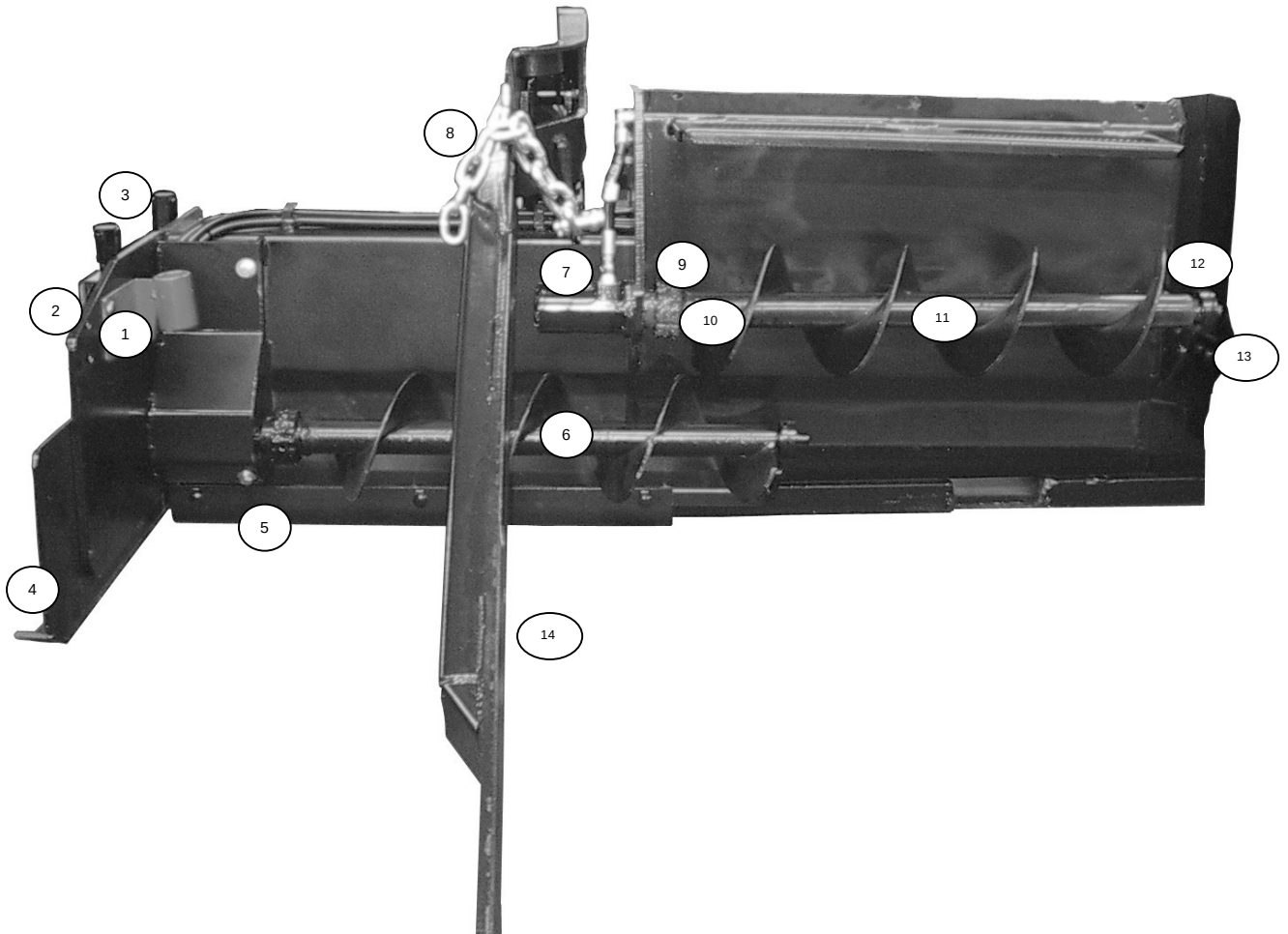


- | | |
|---|------------|
| 1. Push Roller Assembly | 091-0006 |
| a. Push Roller – 20" (<i>not shown</i>) | 091-0006A |
| b. Push Roller Shaft – 22" (<i>not shown</i>) | 093-0038 |
| 2. Front Plastic | 093-100760 |
| 3. Front Plastic Retainer | 093-100754 |
| 4. Hopper Bottom Plastic | 093-100758 |
| 5. Hopper Bottom Plastic Retainer | 093-100752 |
| 6. Hopper Side Plastic | 093-100756 |
| 7. Hopper Side Plastic Retainer | 093-100750 |
| 8. Front Flight Chain Cover | 092-100762 |
| 9. Side Flight Chain Cover | 092-100133 |
| 10. Center Flight Chain Cover (RH) | 092-100782 |
| Center Flight Chain Cover (LH) | 092-100783 |
| 11. Oscillating Push Roller Assembly (<i>Optional</i>) (<i>not shown</i>) | 091-100512 |
| a. Push Roller – 24" (x2) (<i>not shown</i>) | 091-100776 |
| b. Push Roller Shaft – 26" (x2) (<i>not shown</i>) | 091-100778 |
| 12. Sight Guide (x2) (<i>not shown</i>) | 093-0266 |

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

SCREED ASSEMBLY – FRONT

Right Side Shown

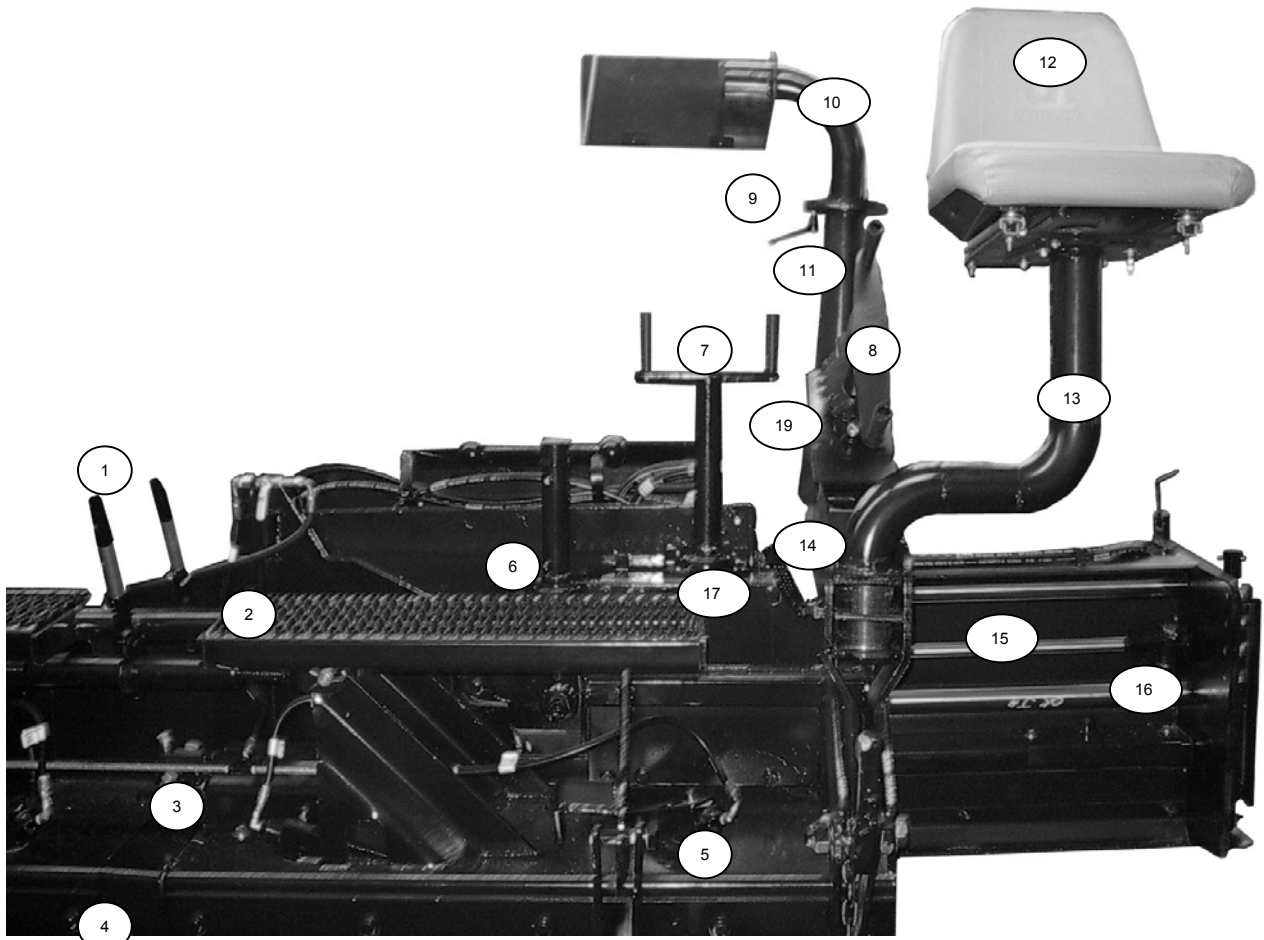


- | | |
|---|--------------|
| 1. Ultrasonic Sensor Bracket (RH) | 091-100368-R |
| Ultrasonic Sensor Bracket (LH) (<i>not shown</i>) | 091-100368-L |
| 2. End-Gate Assembly (RH) | 111-100016 |
| End-Gate Assembly (LH) (<i>not shown</i>) | 111-100017 |
| 3. End-Gate Handle (x4) | 111-100387 |
| 4. End-Gate Jointing Shoe (RH) | 112-100388 |
| End-Gate Jointing Shoe (LH) (<i>not shown</i>) | 112-100389 |
| 5. Extension Wear Plate (RH/LH) | 112-100417 |
| 6. Lower Auger (RH) | 092-0013 |
| Lower Auger (LH) (<i>not shown</i>) | 092-0014 |
| 7. Auger Motor (x4) | 013-0083 |
| 8. Screed Lift Chain (x2) | 093-0338 |
| 9. Auger Motor Coupling Half (x4) | 015-0154 |
| 10. Auger Motor Coupling Chain (x4) | 015-0045 |
| 11. Upper Auger (RH) | 092-0011 |
| Upper Auger (LH) (<i>not shown</i>) | 092-0012 |
| 12. Auger Hanger Assembly (RH) (x2) | 111-100403 |
| Auger Hanger Assembly (LH) (x2) | 111-100404 |
| 13. Auger Hanger Bearing (x4) | 018-0105 |
| 14. Screed Arm (RH) | 112-100439 |
| Screed Arm (LH) (<i>not shown</i>) | 112-100438 |

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

SCREED ASSEMBLY – REAR

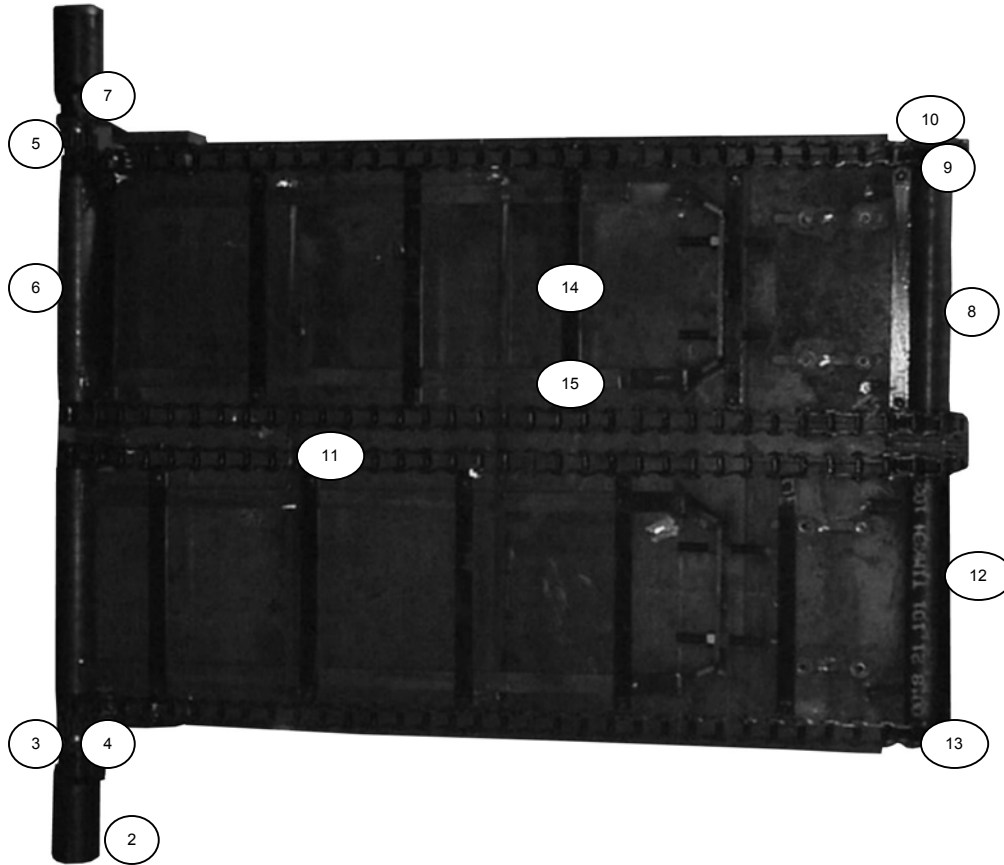
Right Side Shown



1. Ratchet Jack (x2).....	050-0147
2. Upper Walk Board Assembly	111-100377
3. Vibrator Assembly.....	See Vibrator Assembly
4. Screed Plate	092-0301
5. Screed Burner Assembly (x4)	See Propane Assembly
6. Screed Extension Slope Adjustment Handle (x2).....	111-100127
7. Screed Extension Match Height Adjustment Handle (x2).....	111-100123
8. Screed Depth Handle (x2).....	092-0045C
9. Control Station Arm Locking Handle (x2)	050-0552
10. Control Station Arm Assembly (RH).....	112-100194
Control Station Arm Assembly (LH) (<i>not shown</i>)	112-100437
11. Control Station Support Assembly (RH).....	112-100476
Control Station Support Assembly (LH) (<i>not shown</i>)	112-100477
Control Station Face Plate (RH) (<i>not shown</i>)	093-100193
Control Station Face Plate (LH) (<i>not shown</i>).....	093-100436
12. Seat (x2).....	050-0017
13. Seat Post Assembly (x2).....	112-100475
14. Seat Post Locking Handle.....	112-100886
15. Extension Cylinder (x2).....	012-0062
16. Extension Guide Bars (In/Out) (x4)	113-100169
17. Extension Guide Bars (Raise/Lower) (x4)	113-100170
18. Extension Guide Bar Bushing (x16)	018-0095
19. Screed Depth Adjustment Rod.....	092-0046C

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

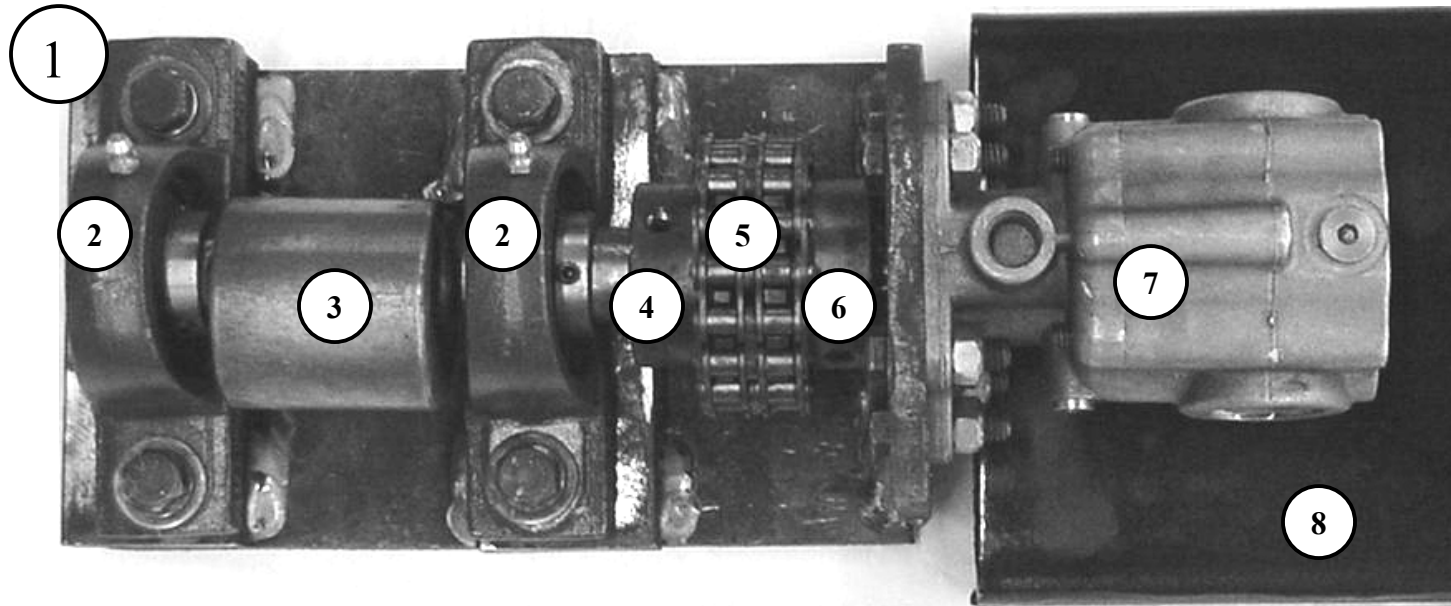
FLIGHT CHAIN ASSEMBLY



- | | |
|---|----------|
| 1. Flight Chain Assembly | 091-0041 |
| 2. Motor (x2) | 013-0070 |
| 3. Motor Shaft Coupling Half (x2) | 015-0203 |
| 4. Drive Shaft Coupling Half (x2) (<i>welded to p/n 015-0204</i>) | 015-0202 |
| 5. Shaft Key (x8)..... | 093-0335 |
| 6. Drive Shaft (x2) | 093-0332 |
| 7. Coupling Chain (x2)..... | 015-0046 |
| 8. Tube (x4)..... | 093-0334 |
| 9. Bearing (x8)..... | 018-0091 |
| 10. Spacer Cap (x6) | 093-0339 |
| 11. Flight Chain (x2) | 093-0121 |
| 12. Idler Shaft (x2)..... | 093-0333 |
| 13. Flight Chain Sprocket (x8)..... | 015-0204 |
| 14. Flight Chain Bar (x24)..... | 015-0258 |
| 15. Flight Chain Bar Rivet (x48) | 015-0259 |

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

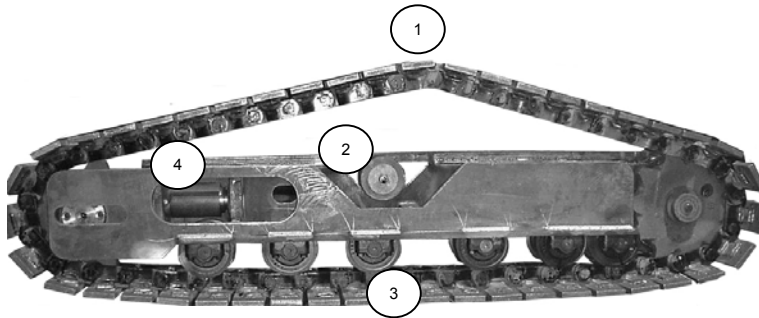
VIBRATOR ASSEMBLY



- | | |
|---------------------------------------|------------|
| 1. Vibrator Assembly Complete..... | 111-100479 |
| 2. Pillow Block Bearing | 018-0002 |
| 3. Vibrator Shaft..... | 092-0074 |
| 4. Vibrator Shaft Coupling Half | 015-0033 |
| 5. Coupling Chain | 015-0044 |
| 6. Vibrator Motor Coupling Half | 015-0119 |
| 7. Vibrator Motor | 013-0055 |
| 8. Vibrator Assembly Cover | 113-100260 |

Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

TRACK ASSEMBLY



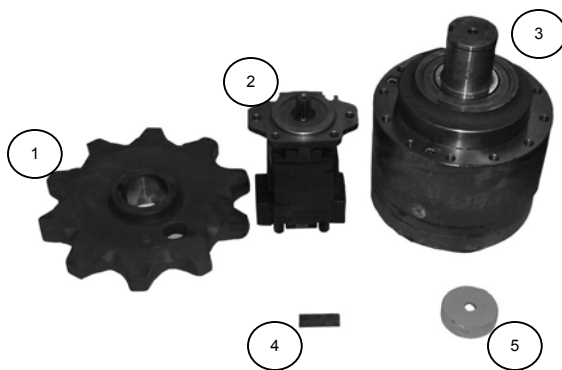
1. Track Chain Assembly.....092-0302
 - a. Track Link (w/ Pad)092-0118
 - b. Track Pad093-0025
 - c. Master Pin015-0230
2. Idler Roller.....091-0037
 - a. Idler Roller Shaft.....092-0095
 - b. Grease Bolt091-0005
 - c. Retainer.....093-100213
3. Track Roller (x6)050-0163
4. Track Tensioning Cylinder ...012-0060

IDLER ASSEMBLY



1. Idler Sprocket Assembly093-0221
2. Race (x2).....018-0076M
3. Bearing (x2).....018-0077
4. Seal (x2).....022-0104
5. Idler Shaft.....093-0218
6. Idler Shaft Nut.....030-0392
7. Cotter Pin030-0364
8. Idler Yoke (LH).....092-0480
Idler Yoke (RH)092-0481

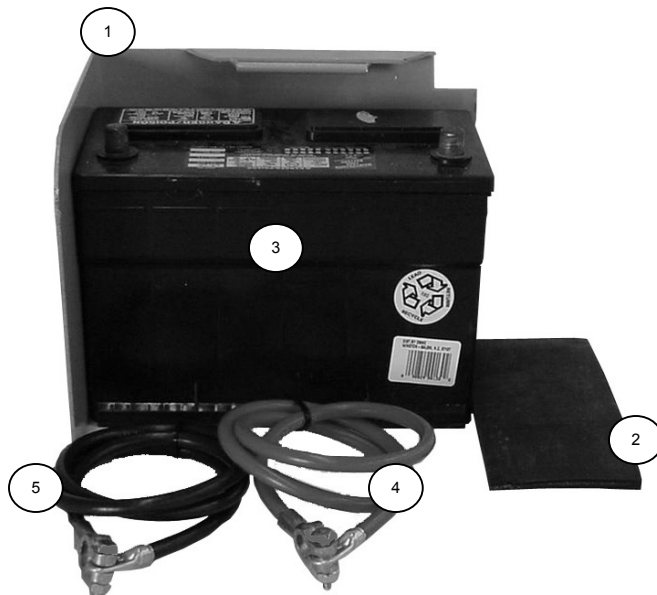
DRIVE ASSEMBLY



1. Drive Sprocket093-0324
2. Drive Motor013-0078
3. Planetary016-0023
4. Planetary Shaft Key093-0336
5. Spacer Cap092-100213

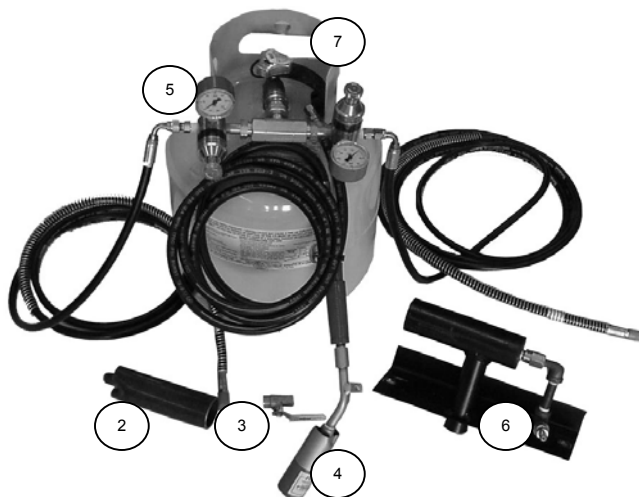
Serial Number Range: 545-A-75TJS7Y2-00545 thru _____

BATTERY ASSEMBLY



1. Battery Cover..... 093-100186
2. Mounting Rubber 015-0212
3. Battery 020-0369
4. Battery Cable (Positive)..... 020-0361
5. Battery Cable (Negative) 020-0318

PROPANE ASSEMBLY

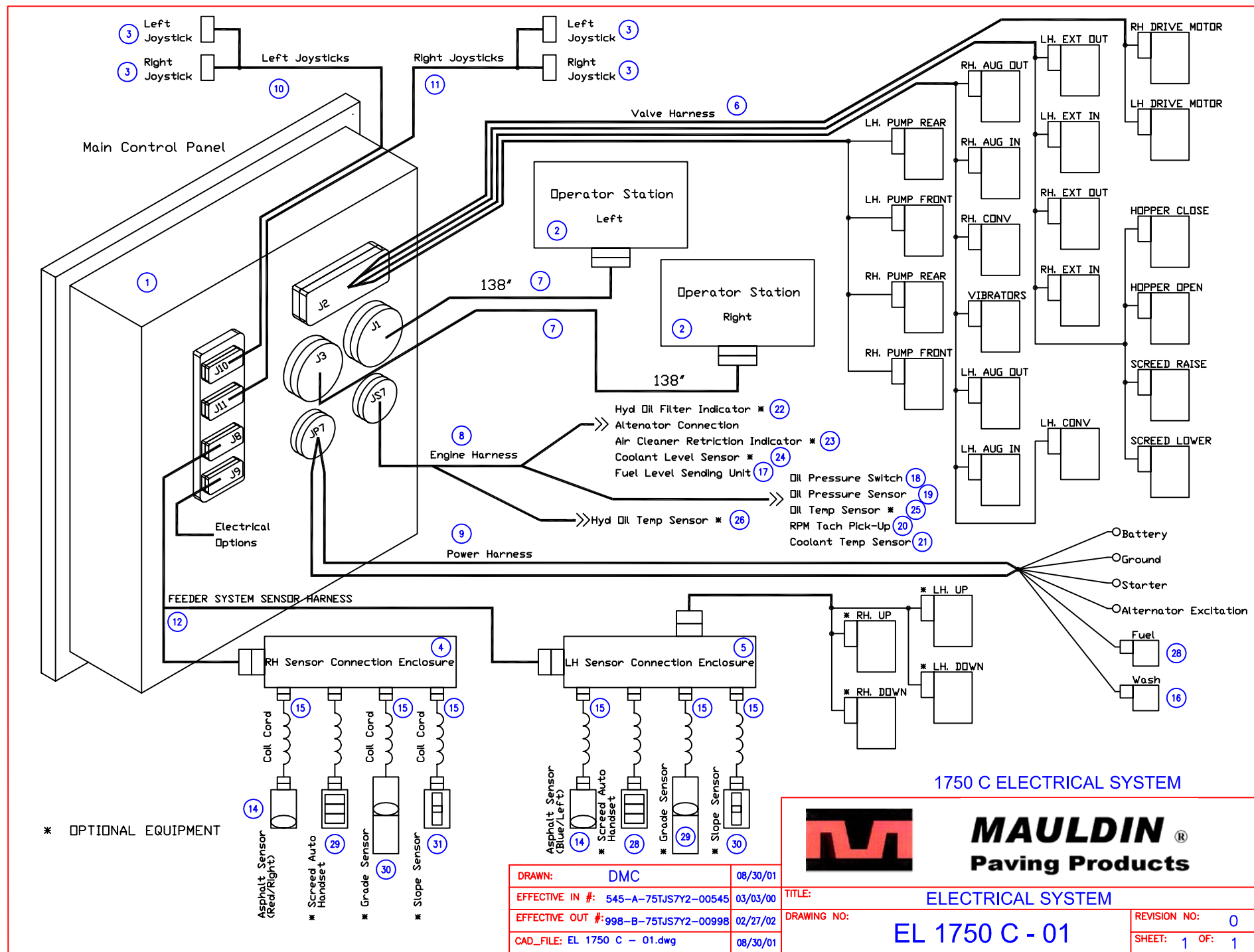


1. Propane Assembly..... 090-0160
2. Screed Burner Assembly (x4) 093-0217
3. Ball Valve (x3) 050-0154
4. Lighting Torch Assembly 090-0231
5. Regulator (with gauge) (x2).... 050-0049
6. Extension Burner (LH)..... 111-100413
Extension Burner (RH) 111-100715
7. Propane Tank..... 050-0039



1750-C

Electrical Schematics



DRAWN:	DMC	08/30/01
EFFECTIVE IN #:	545-A-75TJS7Y2-00545	03/03/00
EFFECTIVE OUT #:	998-B-75TJS7Y2-00998	02/27/02
CAD_FILE:	EL 1750 C - 01.dwg	08/30/01

TITLE: ELECTRICAL SYSTEM

DRAWING NO: EL 1750 C - 01

REVISION NO: 0
SHEET: 1 OF: 1

Serial Number Range: 545-A-75TJS7Y2-00545 thru 998-B-75TJS7Y2-00998

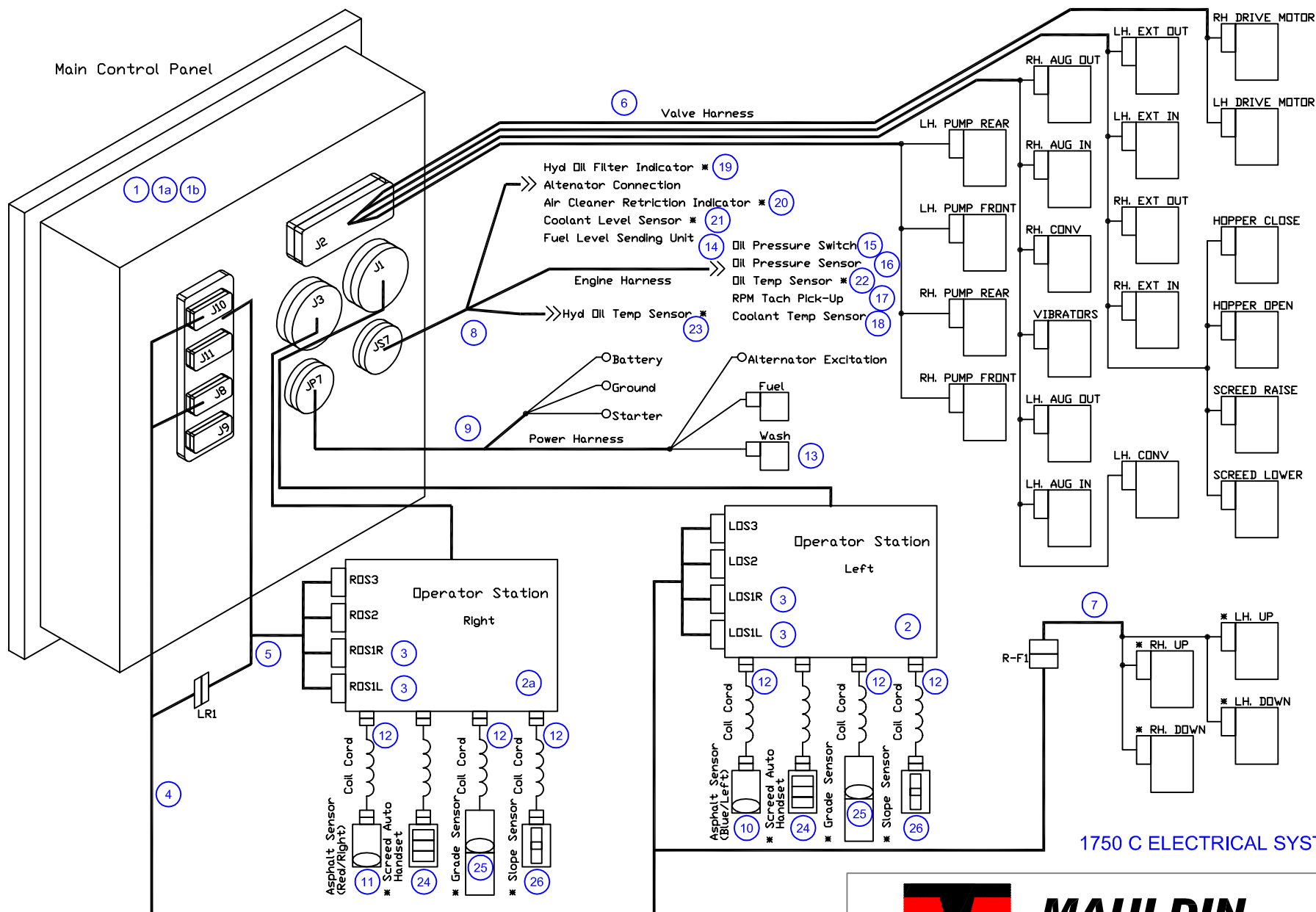
ELECTRICAL SYSTEM SCHEMATIC

DWG# EL 1750 C - 01

1. Main Control Panel Enclosure	020-0365
a. Microcomputer Node <i>(not shown)</i>	020-0363
b. Instrument Cluster <i>(not shown)</i>	020-0364
2. Operator Control Station (LH & RH) (Switches) (X2).....	020-0366
3. Joystick (LH & RH) (X4).....	020-0368
4. Sensor Connection Enclosure (RH).....	090-0225
5. Sensor Connection Enclosure (LH)	090-0224
6. Valve And Pump Harness.....	010-0325
7. Operator Control Station (Toggle Switch Harness) (X2).....	010-0331
8. Engine Harness	010-0324
9. Power Harness	010-0320
10. Joystick Harness (LH).....	010-0322
11. Joystick Harness (RH).....	010-0323
12. Feeder System Sensor Harness.....	010-0321
13. Asphalt Sensor (LH)	050-0349
14. Asphalt Sensor (RH).....	050-0349A
15. Coil Cord (X6).....	050-0350
16. Wash Down (Pump).....	<i>See Engine Compartment</i>
17. Fuel Level Sending Unit.....	020-0174
18. Oil Pressure Switch	<i>See Engine Assembly Left</i>
19. Oil Pressure Sensor.....	020-0304
20. RPM Tachometer Pick Up	010-0395
21. Coolant Temperature Sensor	<i>See Engine Assembly Left</i>

* OPTIONS

22. Hydraulic Oil Filter Indicator	CALL DEALER
23. Air Cleaner Restriction Indicator.....	010-0396
24. Coolant Level Sensor	CALL DEALER
25. Oil Temperature Sensor	<i>See Engine Assembly Left</i>
26. Hydraulic Oil Temperature Sensor	CALL DEALER
28. Screed Automatic Handset (X2).....	020-0385
29. Grade Sensor (X2)	050-0349
30. Slope Sensor (X1)	CALL DEALER



* OPTIONAL EQUIPMENT

DRAWN:	DMC	08/30/01
EFFECTIVE IN SN:	031-B-75TJS7Y2-01031	04/17/02
EFFECTIVE OUT SN:		
CAD_FILE:	EL 1750 C - 07.dwg	08/30/01



MAULDIN®
PAVING PRODUCTS

TITLE: ELECTRICAL SYSTEM	
DRAWING NO: EL 1750 C - 07	REVISION NO: 0
	SHEET: 1 OF: 1

Serial Number Range: 031-B-75TJS7Y2-01031 thru _____

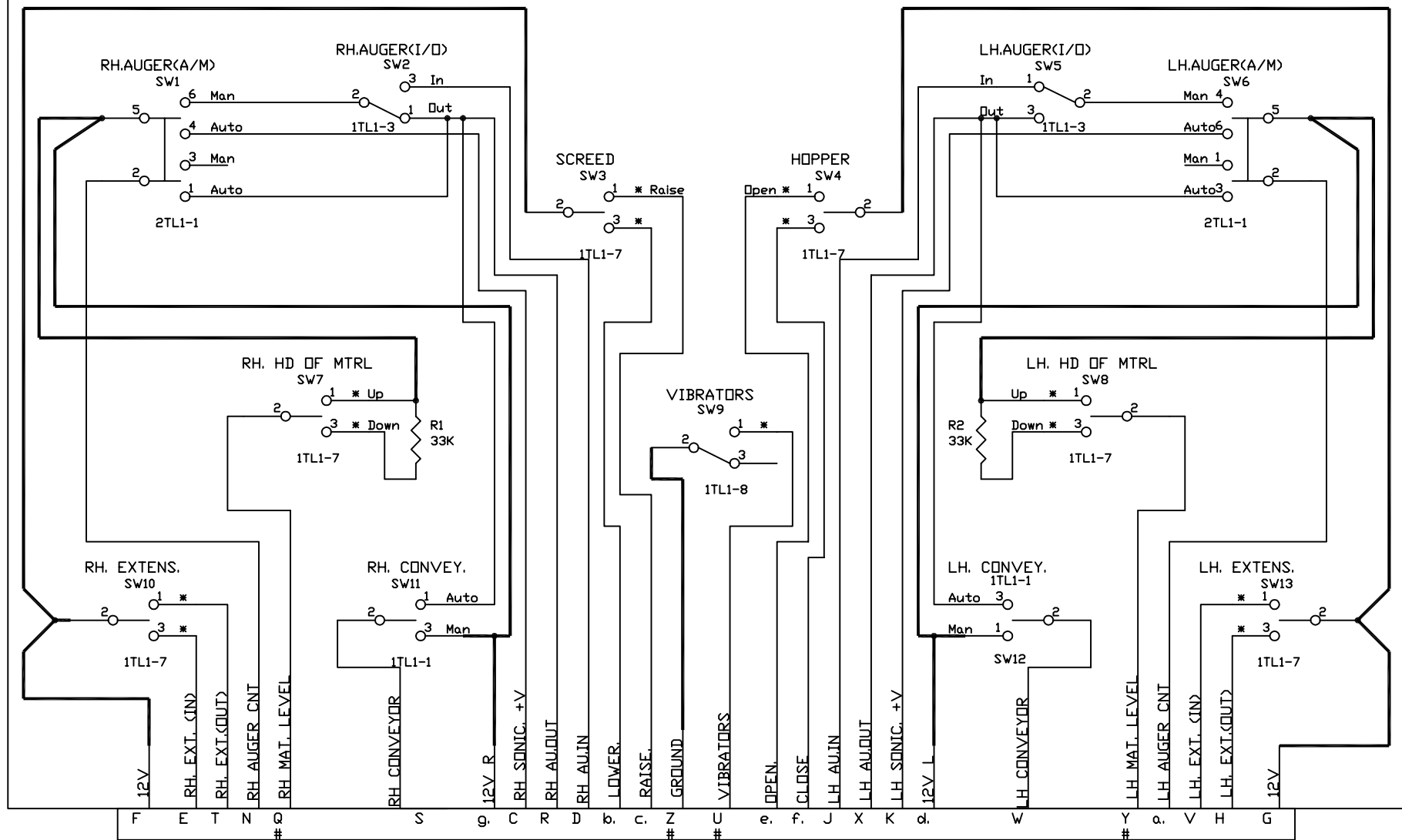
ELECTRICAL SYSTEM SCHEMATIC

DWG# EL 1750 C - 07

1. Main Control Panel Enclosure	020-0365
a. Microcomputer Node <i>(not shown)</i>	020-0363
b. Instrument Cluster <i>(not shown)</i>	020-0364
2. Operator Control Station (LH & RH) (Switches) (X2).....	020-0366
3. Joystick (LH & RH) (X4).....	020-0368
4. Operating Station Auxiliary Harness (LH).....	010-0422
5. Operating Station Auxiliary Harness (RH)	010-0423
6. Valve And Pump Harness.....	010-0325
7. Tow Point Valve Harness	010-0351
8. Engine Harness	010-0324
9. Power Harness	010-0320
10. Asphalt Sensor (LH)	050-0349
11. Asphalt Sensor (RH).....	050-0349A
12. Coil Cord (X6).....	050-0350
13. Wash Down (Pump).....	See Engine Compartment
14. Fuel Level Sending Unit.....	020-0174
15. Oil Pressure Switch	See Engine Assembly Left
16. Oil Pressure Sensor.....	020-0304
17. RPM Tachometer Pick Up	010-0395
18. Coolant Temperature Sensor	See Engine Assembly Left

* OPTIONS

19. Hydraulic Oil Filter Indicator.....	CALL DEALER
20. Air Cleaner Restriction Indicator	010-0396
21. Coolant Level Sensor	CALL DEALER
22. Oil Temperature Sensor	See Engine Assembly Left
23. Hydraulic Oil Temperature Sensor	CALL DEALER
24. Screed Automatic Handset (X2).....	020-0385
25. Grade Sensor (X2)	050-0349
26. Slope Sensor (X1)	CALL DEALER



COMMENTS

- * Momentary Position
- # Gold plated contacts
- Sealing plugs for pin A, B, L, M and P.
- Three position switches are shown with the common terminal in the center

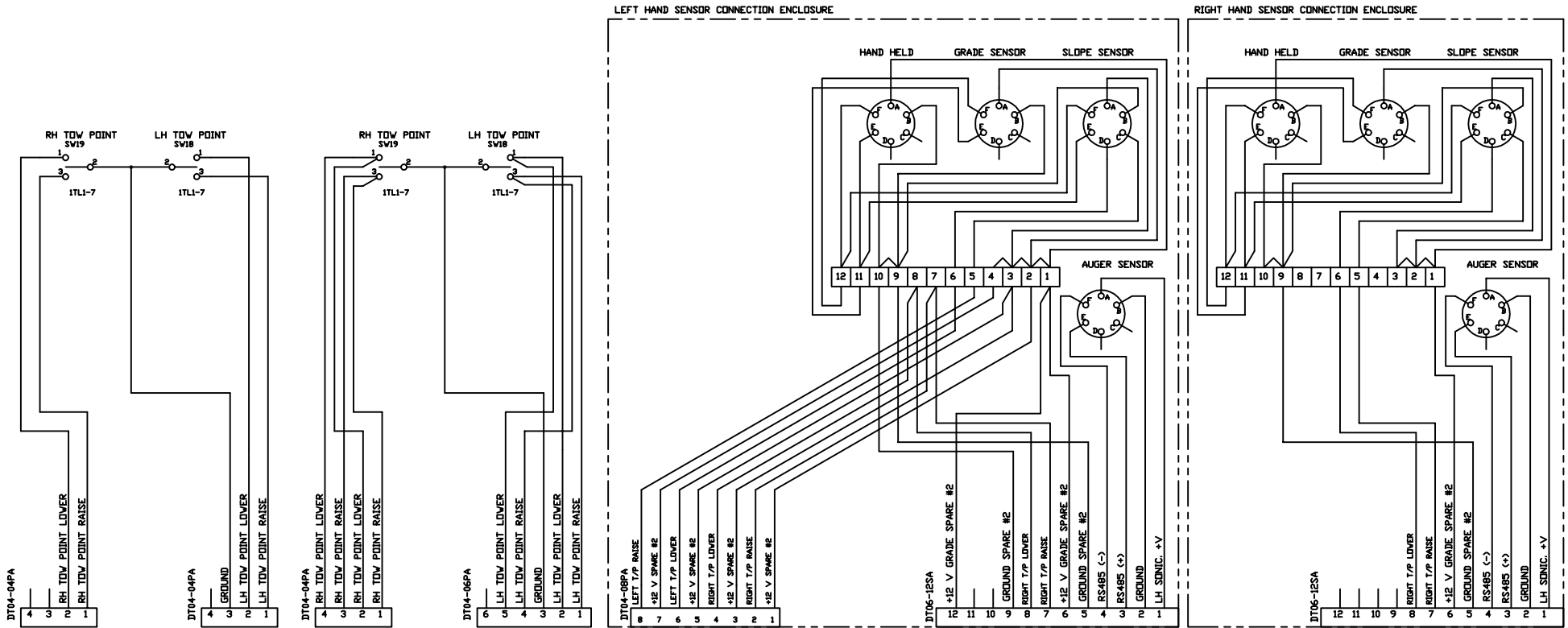
REAR VIEW OF OPERATING STATION

VENDOR No. : none	REV: 2	DRAWN: DMC	09/04/01
VENDOR DATE: 01/17/00		EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00
VENDOR TITLE: OPERATOR STATION		EFFECTIVE OUT #: 959-AA75TJS7Y2-00959	11/07/01
VENDOR CAD_FILE: Operating Station.DXF		CAD_FILE: EL 1750 C - 03.dwg	09/04/01



MAULDIN®
Paving Products

TITLE: OPERATOR STATION SWITCH BOX	REVISION NO: 2
DRAWING NO: EL 1750 C - 03	SHEET: 1 OF: 1



TOW POINT & SENSOR JUNCTION BOXES AND MANUAL TOW POINT SWITCHES



MAULDIN®
Paving Products

VENDOR No. : NONE	REV: NA	DRAWN: DMC	12/03/01
VENDOR DATE: NONE	EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00	
VENDOR TITLE: NONE	EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02	
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 04.dwg	12/03/01	

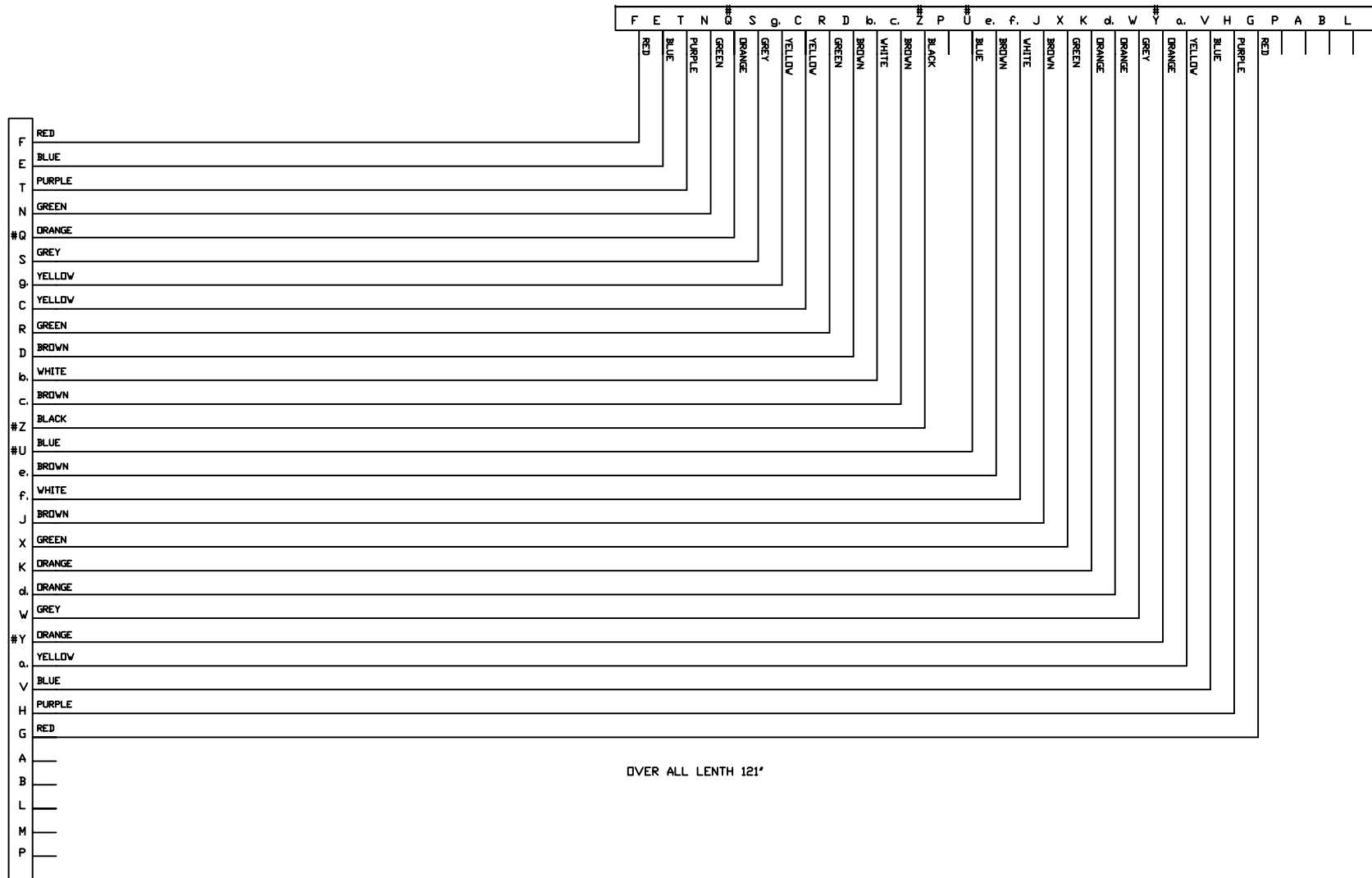
TITLE: WIRING HARNESSES

DRAWING NO:

EL 1750 C - 04

REVISION NO: 0

SHEET: 1 OF: 5



OPERATOR STATION HARNESS (LEFT AND RIGHT)

COMMENTS

- * Momentary Position
- # Gold plated contacts
- Sealing plugs for pin A, B, L, M and P.
- Three position switches are shown with the common terminal in the center.

VENDOR No. : NONE	REV: NA	DRAWN: DMC	12/03/01
VENDOR DATE: NONE		EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 04.dwg	12/03/01



MAULDIN®
Paving Products

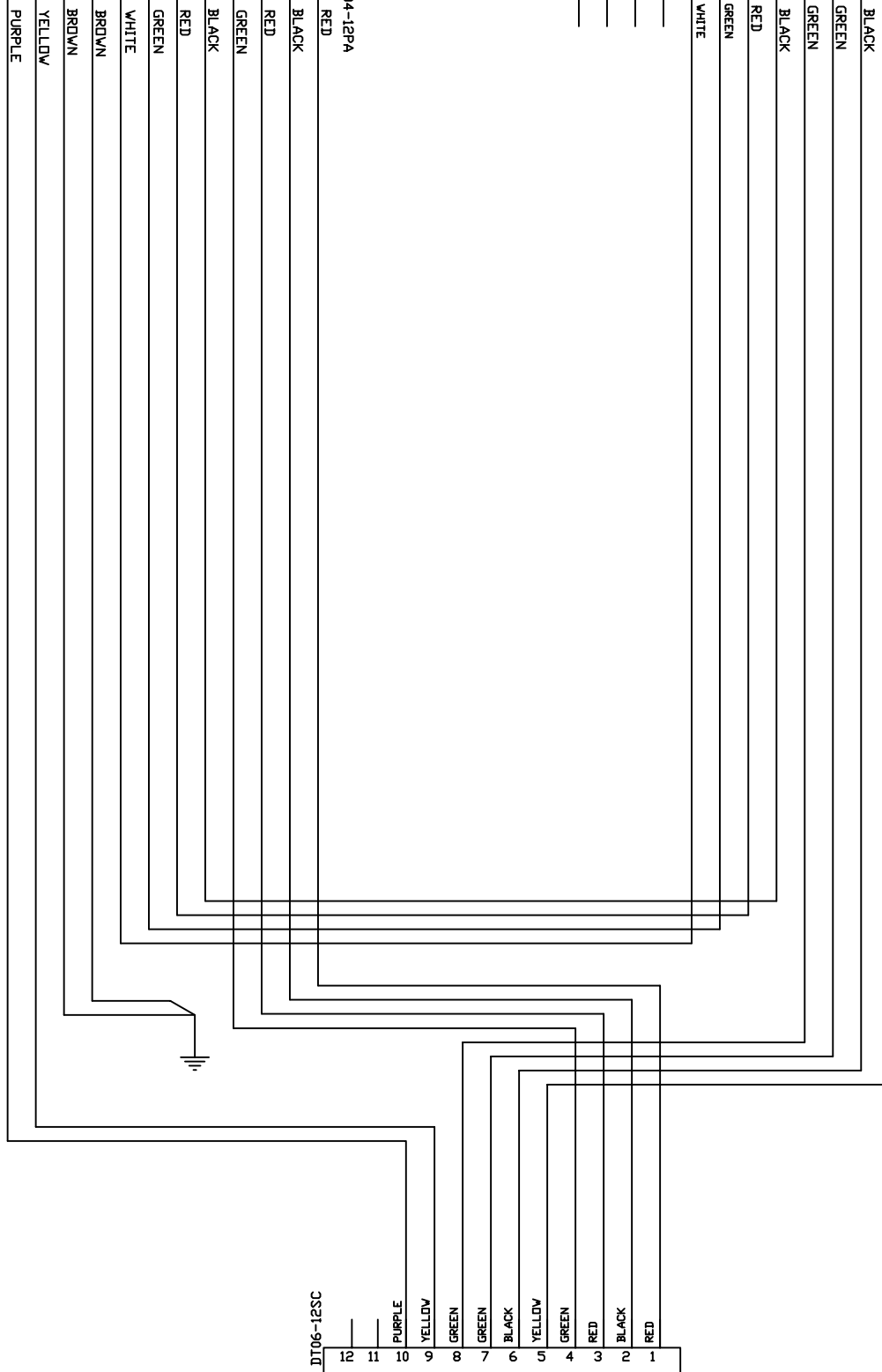
TITLE: WIRING HARNESSES	REVISION NO: 0
DRAWING NO: EL 1750 C - 04	SHEET: 2 OF: 5

TO LEFT HAND SENSOR CONNECTION ENCLOSURE

12	11	10	9	8	7	6	5	4	3	2	1	DT04-12PA
PURPLE	YELLOW	BROWN	BROWN	WHITE	GREEN	RED	BLACK	GREEN	RED	BLACK	RED	

TO RIGHT HAND SENSOR CONNECTION ENCLOSURE

12	11	10	9	8	7	6	5	4	3	2	1	DT06-12SA
					WHITE	GREEN	RED	BLACK	GREEN	GREEN	BLACK	YELLOW



DT06-12SC	12	11	10	9	8	7	6	5	4	3	2	1
	PURPLE	YELLOW	GREEN	GREEN	BLACK	YELLOW	GREEN	RED	BLACK	RED		

TO MAIN PANEL J8

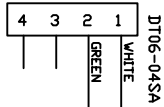
SONIC SENSOR HARNESS



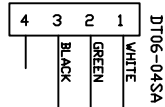
MAULDIN®
Paving Products

VENDOR No. : NONE	REV: NA	DRAWN: DMC	12/03/01	TITLE: WIRING HARNESSES		REVISION NO: 0
VENDOR DATE: NONE	EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00				
VENDOR TITLE: NONE	EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02	DRAWING NO:	EL 1750 C - 04		SHEET: 3 OF: 5
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 04.dwg	12/03/01				

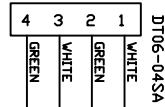
TO RH T/P SWITCH
IN RH OPERATOR STN.



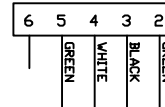
TO LH T/P SWITCH
IN RH OPERATOR STN.



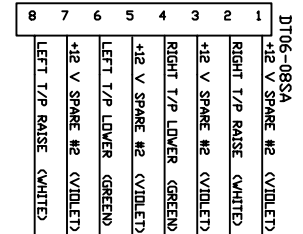
TO RH T/P SWITCH
IN LH OPERATOR STN.



TO LH T/P SWITCH
IN LH OPERATOR STN.



TO TOW POINT CYLINDER VALVE
RECEPTICAL ON LH SENSOR ENCLOSURE



LH TOW POINT RAISE

LH TOW POINT LOWER

RH TOW POINT LOWER

RH TOW POINT RAISE



MAULDIN®
Paving Products

VENDOR No. : NONE	REV: NA	DRAWN: DMC	12/03/01
VENDOR DATE: NONE	EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00	
VENDOR TITLE: NONE	EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02	
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 04dwg	12/03/01	

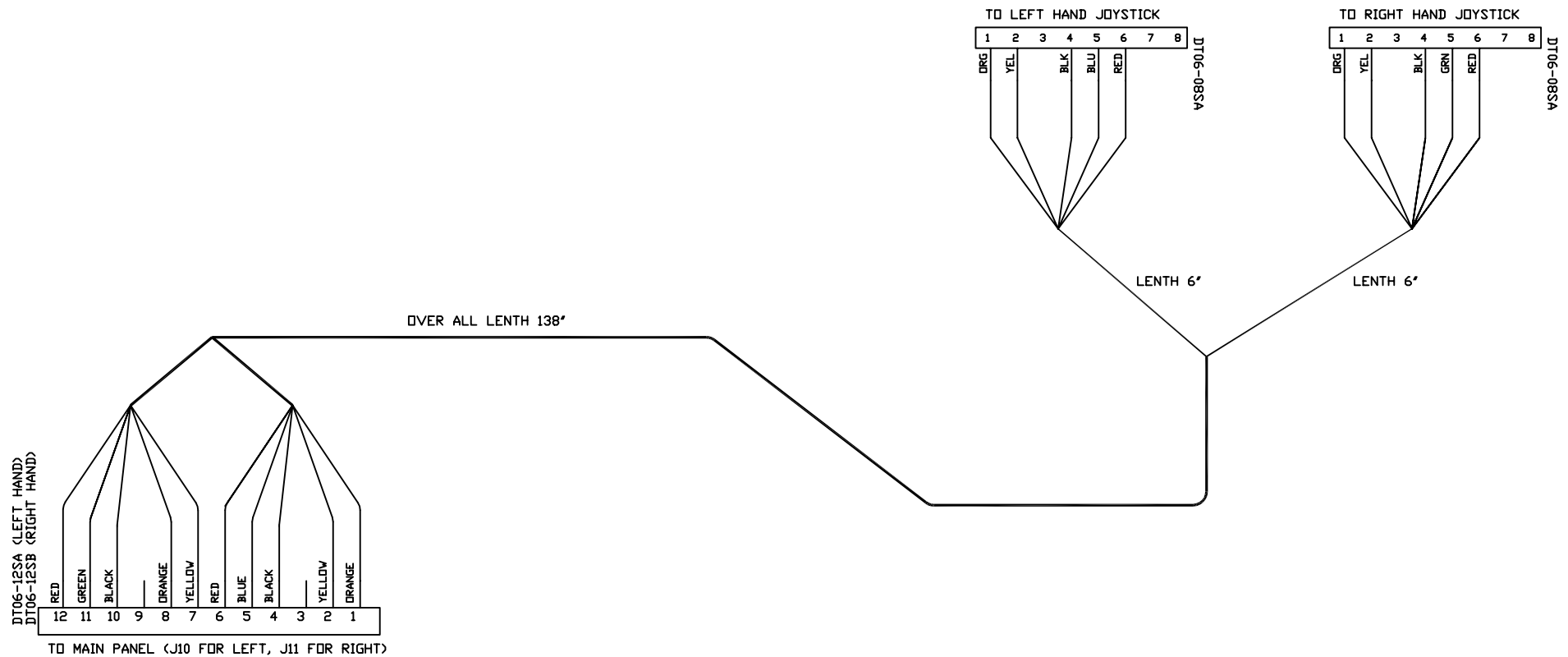
TITLE: WIRING HARNESSSES

DRAWING NO:

EL 1750 C - 04

REVISION NO: 0

SHEET: 4 OF: 5



STEERING HARNESS LEFT & RIGHT HAND



MAULDIN®
Paving Products

VENDOR No. : NONE	REV: NA	DRAWN: DMC	12/03/01
VENDOR DATE: NONE		EFFECTIVE IN #: 545-A-75TJS7Y2-00545	03/03/00
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 04.dwg	12/03/01

TITLE: WIRING HARNESSES

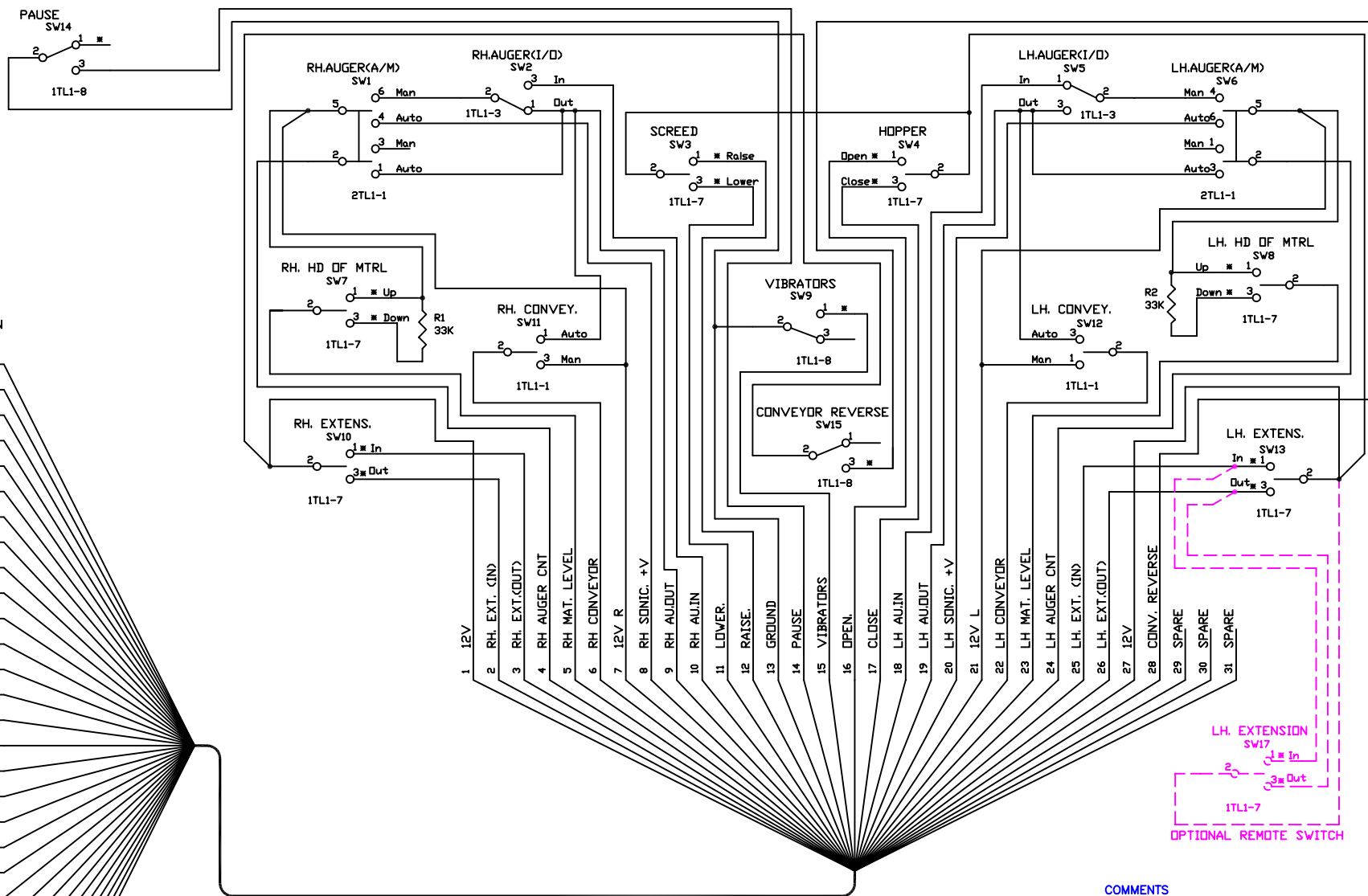
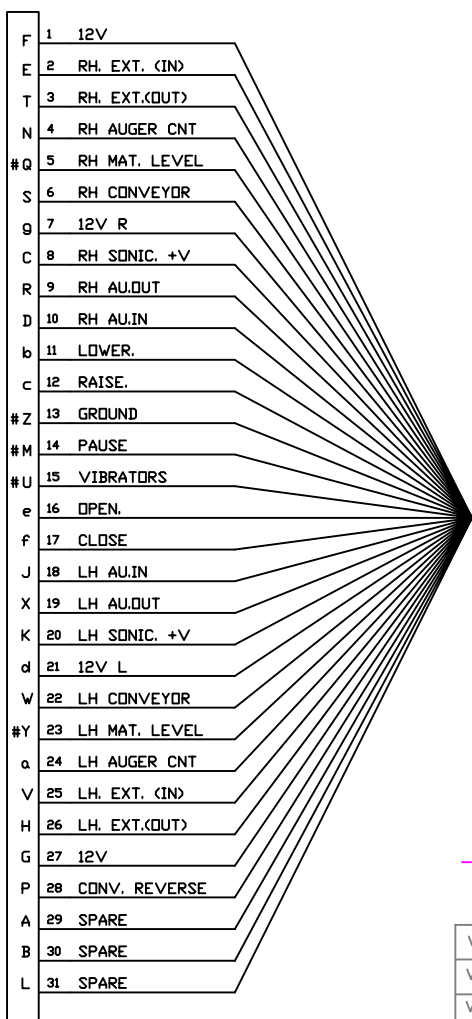
DRAWING NO:

EL 1750 C - 04

REVISION NO: 0

SHEET: 5 OF 5

P-J1 WT06B-24-31SN



REAR VIEW OF LH OPERATING STATION

----- OPTIONAL EQUIPMENT

COMMENTS

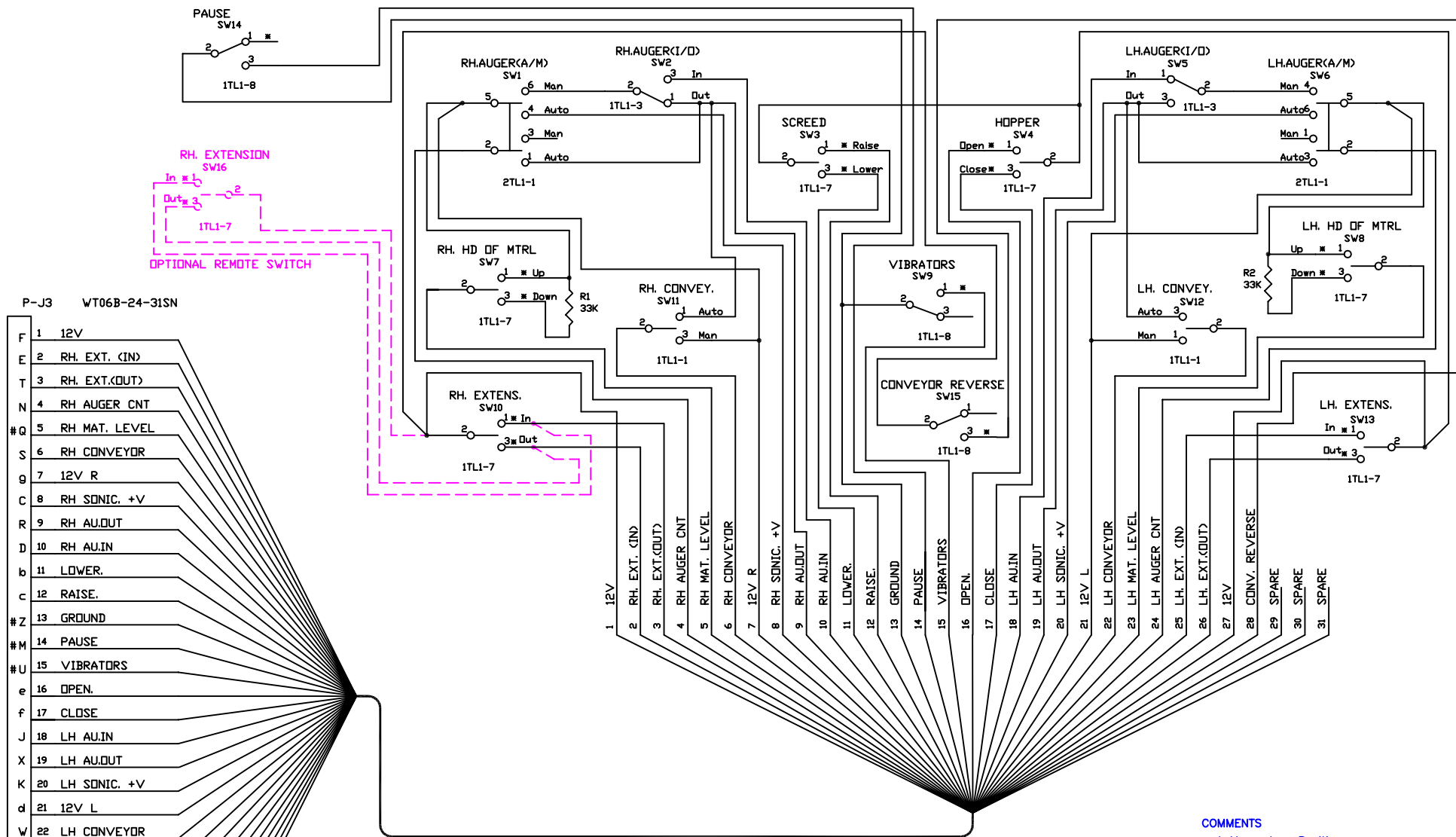
- * Momentary Position
- # Gold plated contacts
- Three position switches are shown with the common terminal in the center



MAULDIN®
PAVING PRODUCTS

VENDOR No. :	NONE	REV:	NA	DRAWN:	DMC	09/14/01
VENDOR DATE:	NONE	EFFECTIVE IN #:	031-B-75TJS7Y2-01031	04/17/02		
VENDOR TITLE:	NONE	EFFECTIVE OUT #:				
VENDOR CAD_FILE:	NONE	CAD_FILE:	EL 1750 C - 05.dwg	09/14/01		

TITLE:	INTEGRATED OPERATOR STATION
DRAWING NO:	EL 1750 C - 05
REVISION NO:	0
SHEET:	1 OF: 6



REAR VIEW OF RH. OPERATING STATION

----- OPTIONAL EQUIPMENT

COMMENTS
 * Momentary Position
 # Gold plated contacts
 - Three position switches are shown with the common terminal in the center

P-J3 WT06B-24-31SN

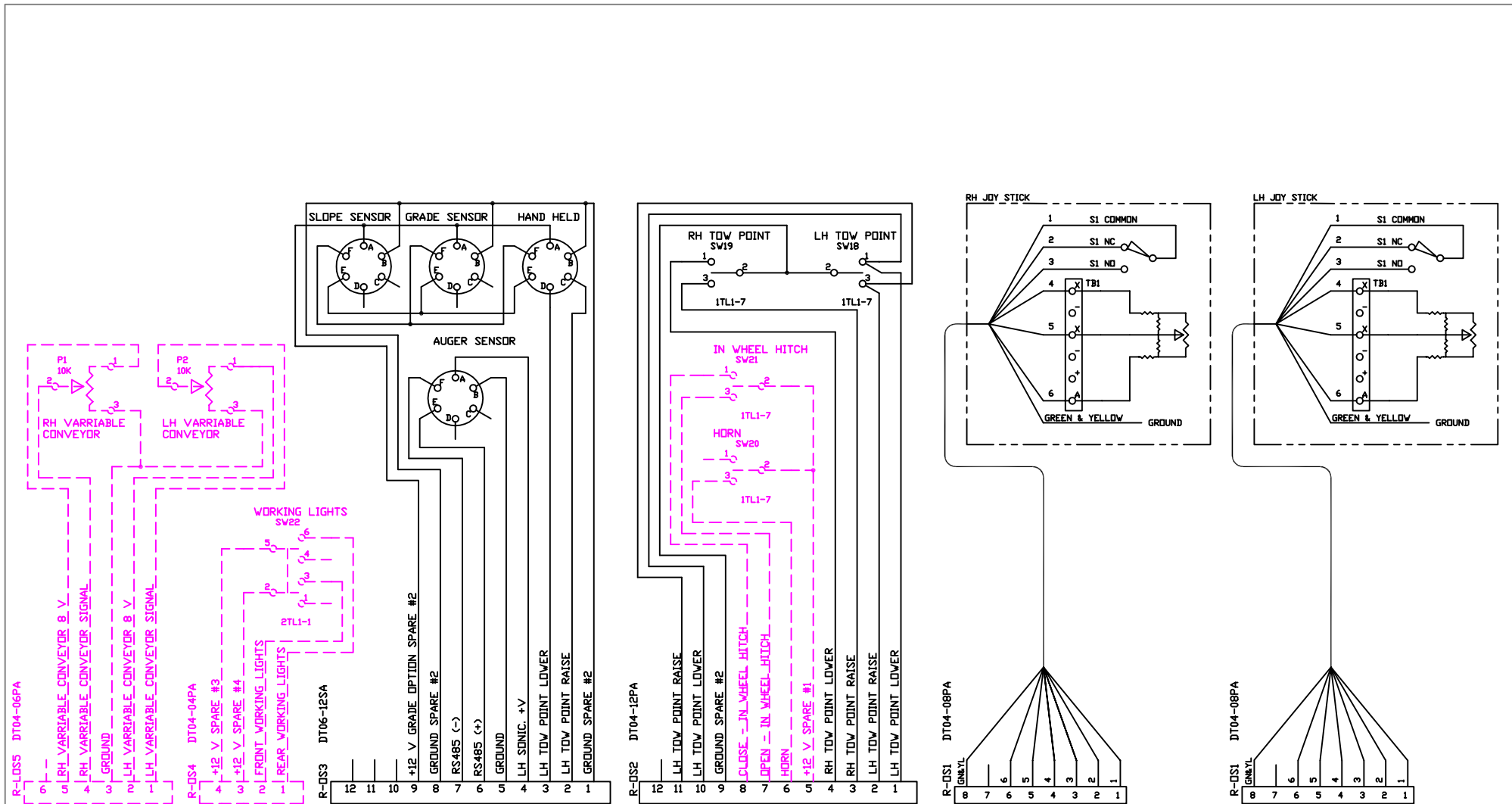
- F 1 12V
- E 2 RH. EXT. (IN)
- T 3 RH. EXT.(OUT)
- N 4 RH AUGER CNT
- #Q 5 RH MAT. LEVEL
- S 6 RH CONVEYOR
- g 7 12V R
- C 8 RH SONIC. +V
- R 9 RH AU.OUT
- D 10 RH AU.IN
- b 11 LOWER.
- c 12 RAISE.
- #Z 13 GROUND
- #M 14 PAUSE
- #U 15 VIBRATORS
- e 16 OPEN.
- f 17 CLOSE
- J 18 LH AU.IN
- X 19 LH AU.OUT
- K 20 LH SONIC. +V
- d 21 12V L
- W 22 LH CONVEYOR
- #Y 23 LH MAT. LEVEL
- a 24 LH AUGER CNT
- V 25 LH. EXT. (IN)
- H 26 LH. EXT.(OUT)
- G 27 12V
- P 28 CONV. REVERSE
- A 29 SPARE
- B 30 SPARE
- L 31 SPARE

VENDOR No. :	NONE	REV: NA	DRAWN: DMC	09/14/01
VENDOR DATE:	NONE	EFFECTIVE IN #:	031-B-75TJS7Y2-01031	04/17/02
VENDOR TITLE:	NONE	EFFECTIVE OUT #:		
VENDOR CAD_FILE:	NONE	CAD_FILE:	EL 1750 C - 05.dwg	09/14/01



MAULDIN®
PAVING PRODUCTS

TITLE:	INTEGRATED OPERATOR STATION	REVISION NO:	0
DRAWING NO:	EL 1750 C - 05	SHEET:	2 OF: 6



LEFT OPERATING STATION

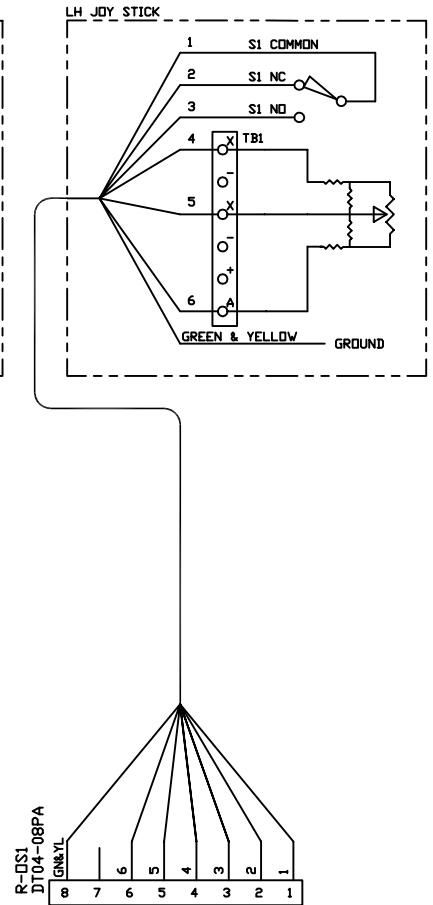
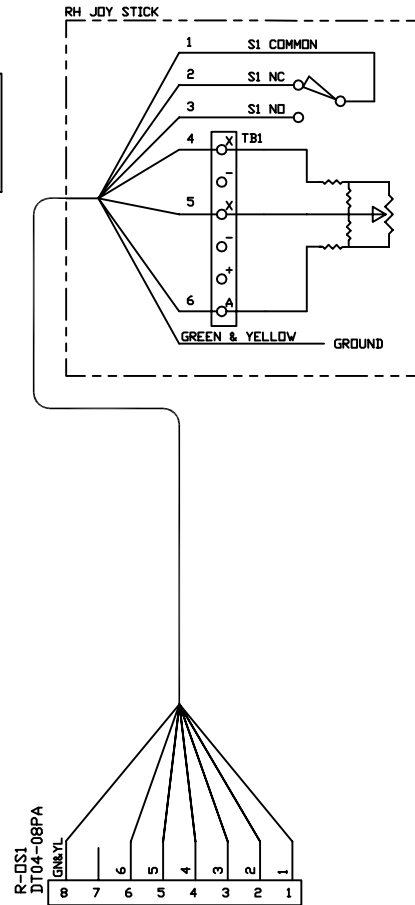
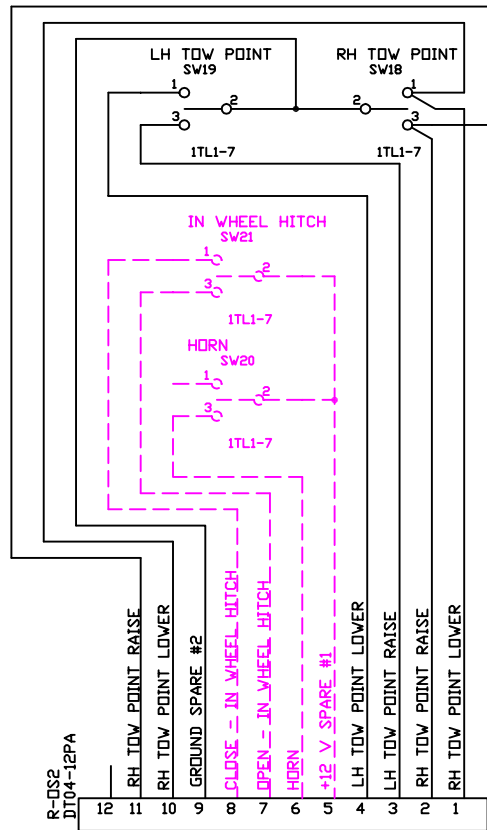
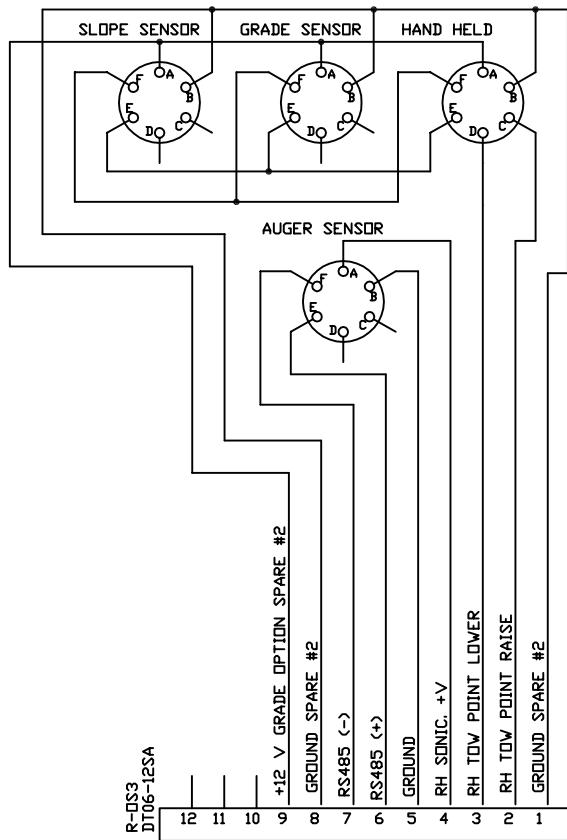
----- OPTIONAL EQUIPMENT

VENDOR No. : NONE	REV: NA	DRAWN: DMC	09/14/01
VENDOR DATE: NONE	EFFECTIVE IN #: 031-B-75TJS7Y2-01031	04/17/02	
VENDOR TITLE: NONE	EFFECTIVE OUT #:		
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 05.dwg	09/14/01	



MAULDIN®
PAVING PRODUCTS

TITLE: INTEGRATED OPERATOR STATION	REVISION NO: 0
DRAWING NO: EL 1750 C - 05	SHEET: 3 OF: 6



RIGHT OPERATING STATION

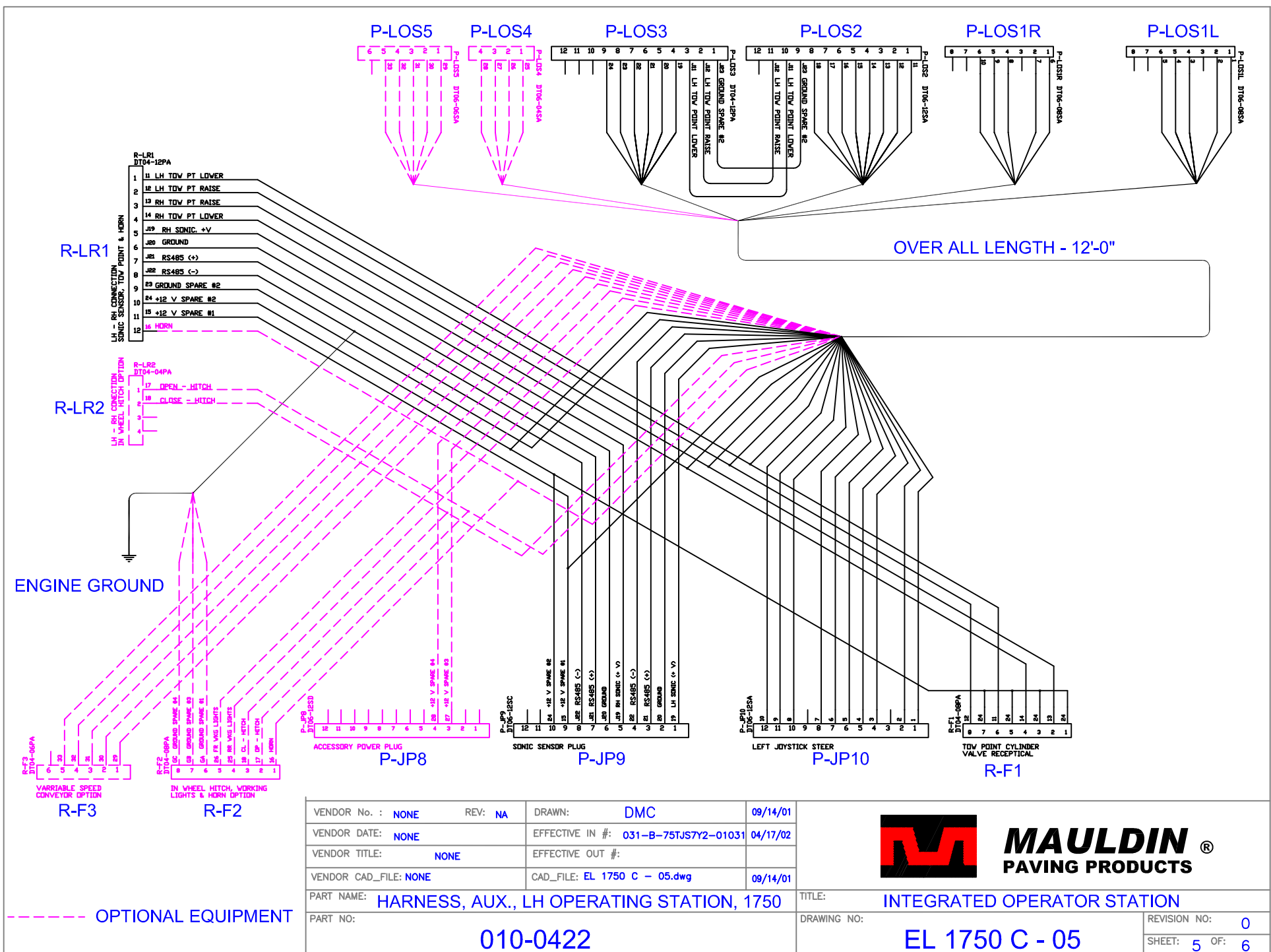
----- OPTIONAL EQUIPMENT

VENDOR No. : NONE	REV: NA	DRAWN: DMC	09/14/01
VENDOR DATE: NONE	EFFECTIVE IN #: 031-B-75TJS7Y2-01031	04/17/02	
VENDOR TITLE: NONE	EFFECTIVE OUT #:		
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 05.dwg	09/14/01	



MAULDIN
PAVING PRODUCTS

TITLE: INTEGRATED OPERATOR STATION	REVISION NO: 0
DRAWING NO: EL 1750 C - 05	SHEET: 4 OF: 6



The diagrams show the pin connections for four different RDSS components:

- P-RDSS3:**
 - Pin 1: J23 RH TOW POINT LOWER
 - Pin 2: J23 RH TOW POINT RAISE
 - Pin 3: J23 GROUND SPARE #2
 - Pins 4-12: J24-12PA
- P-RDSS2:**
 - Pin 1: J14 RH TOW POINT LOWER
 - Pin 2: J14 RH TOW POINT RAISE
 - Pin 3: J13 GROUND SPARE #2
 - Pins 4-12: J13-12SA
- P-RDSS1R:**
 - Pin 1: J10 RH TOW POINT LOWER
 - Pin 2: J10 RH TOW POINT RAISE
 - Pin 3: J10 GROUND SPARE #2
 - Pins 4-12: J10-12RA
- P-RDSS1L:**
 - Pin 1: J10 RH TOW POINT LOWER
 - Pin 2: J10 RH TOW POINT RAISE
 - Pin 3: J10 GROUND SPARE #2
 - Pins 4-12: J10-12LA

P-CPH DT06-12SB

RIGHT JOYSTICK STEER

12 11 10 9 8 7 6 5 4 3 2 1

P-LR2 DT06-04SA

LH - RH CONNECTION IN WHEEL HITCH OPTION

4 3 2 1

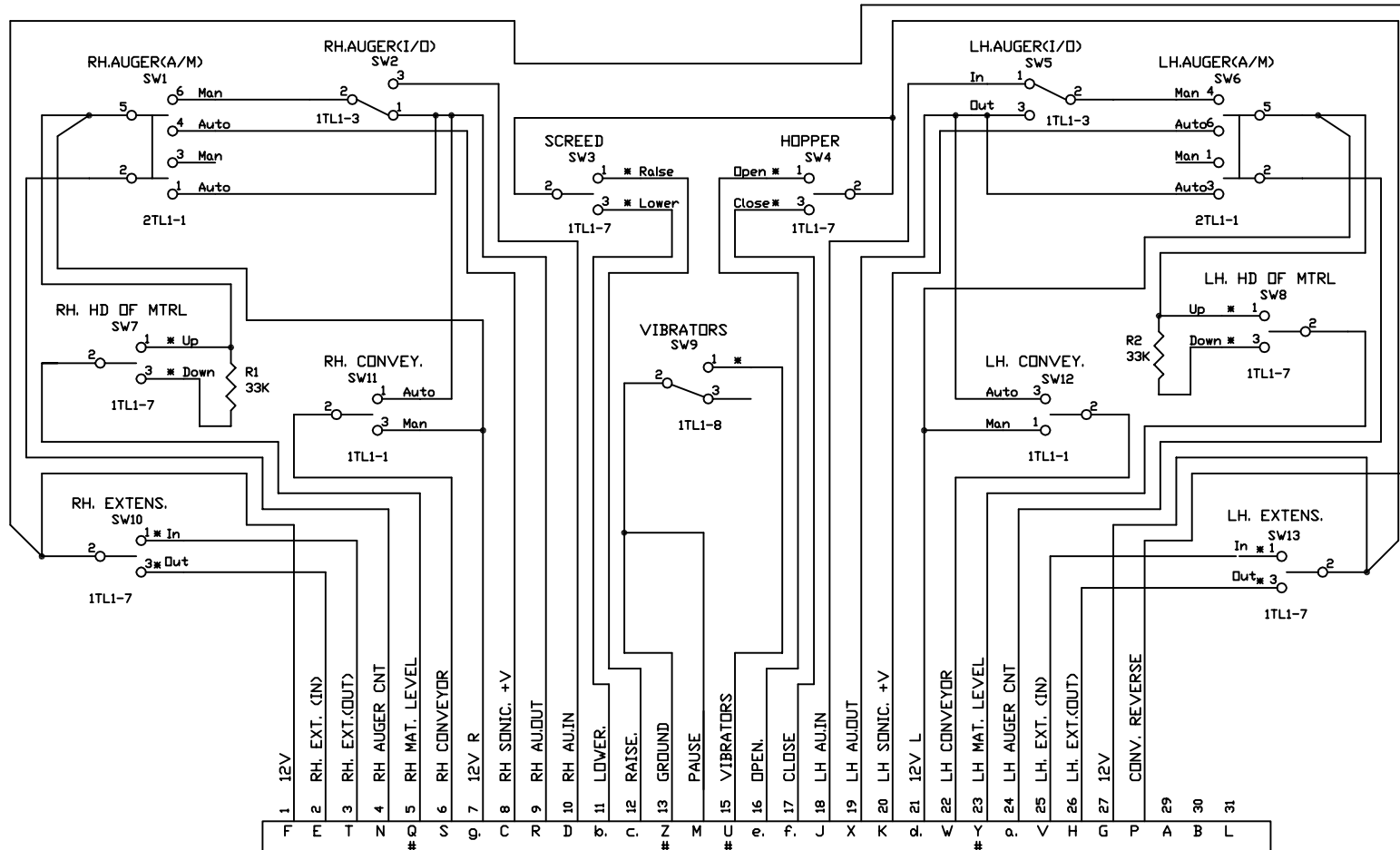
P-LR1 DT06-12SA

LH - RH CONNECTION SONIC SENSOR, TOW POINT & HORN

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

----- OPTIONAL EQUIPMENT

VENDOR No. : NONE		REV: NA	DRAWN: DMC	09/14/01	
VENDOR DATE: NONE		EFFECTIVE IN #:	031-B-75TJS7Y2-01031	04/17/02	
VENDOR TITLE: NONE		EFFECTIVE OUT #:			
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 05.dwg		09/14/01	
PART NAME: HARNES, AUX., RH OPERATING STATION, 1750					TITLE: INTEGRATED OPERATOR STATION
PART NO: 010-0423					DRAWING NO: EL 1750 C - 05 REVISION NO: 0 SHEET: 6 OF: 6



COMMENTS

* Momentary Position

Gold plated contacts

- Three position switches are shown with the common terminal in the center



MAULDIN®
PAVING PRODUCTS

VENDOR No. : NONE	REV: NA	DRAWN: DMC	01/17/02
VENDOR DATE: NONE		EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 06.dwg	01/17/02

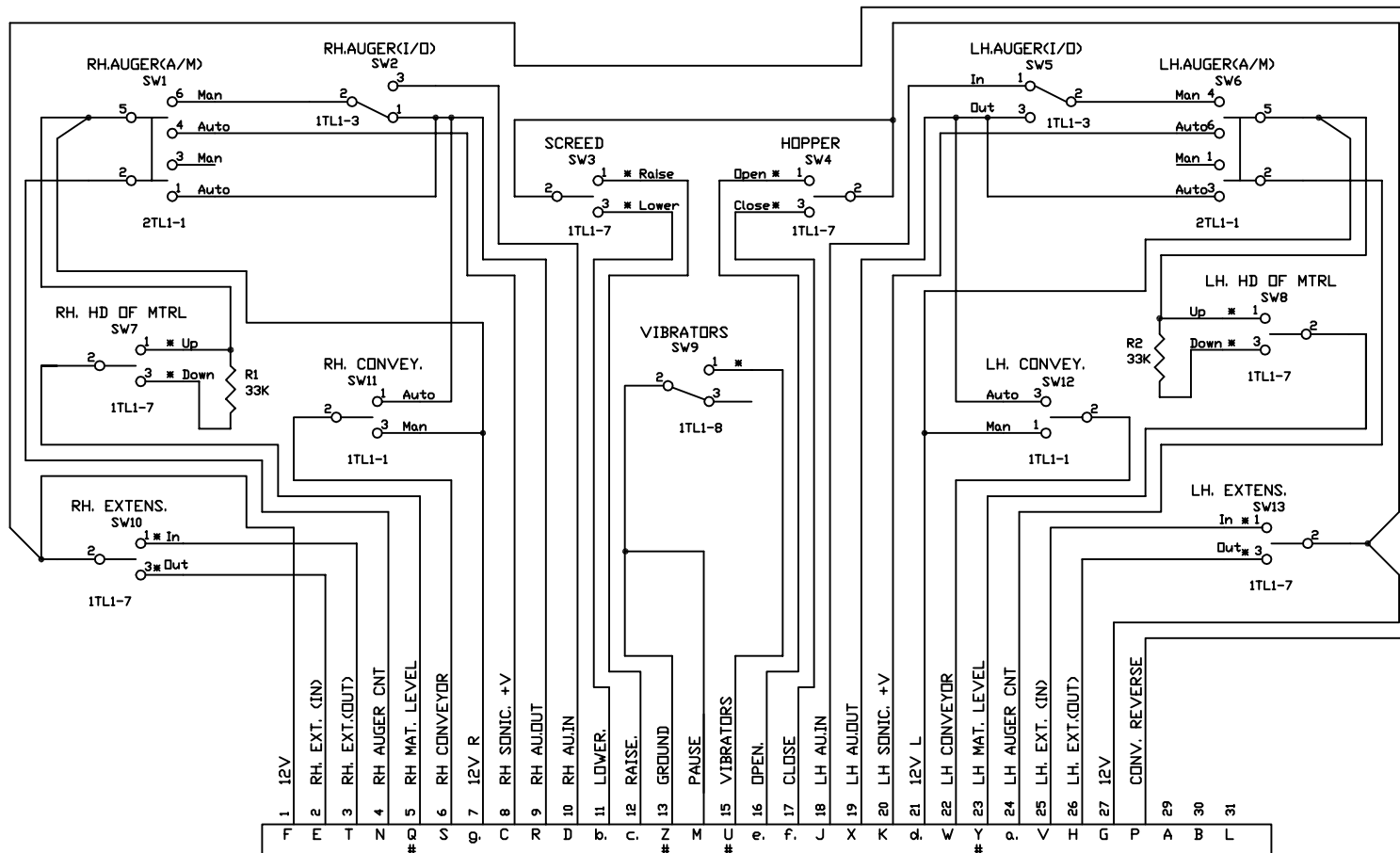
TITLE: CONTROL WIRING W/REV CONV & PAUSE

DRAWING NO:

EL 1750 C - 06

REVISION NO: 0

SHEET: 1 OF: 7



REAR VIEW OF RH OPERATING STATION WITH REV CONV & PAUSE

COMMENTS

* Momentary Position

Gold plated contacts

- Three position switches are shown with the common terminal in the center



MAULDIN®
PAVING PRODUCTS

VENDOR No. : NONE	REV: NA	DRAWN: DMC	01/17/02
VENDOR DATE: NONE		EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 06.dwg	01/17/02

TITLE: CONTROL WIRING W/REV CONV & PAUSE

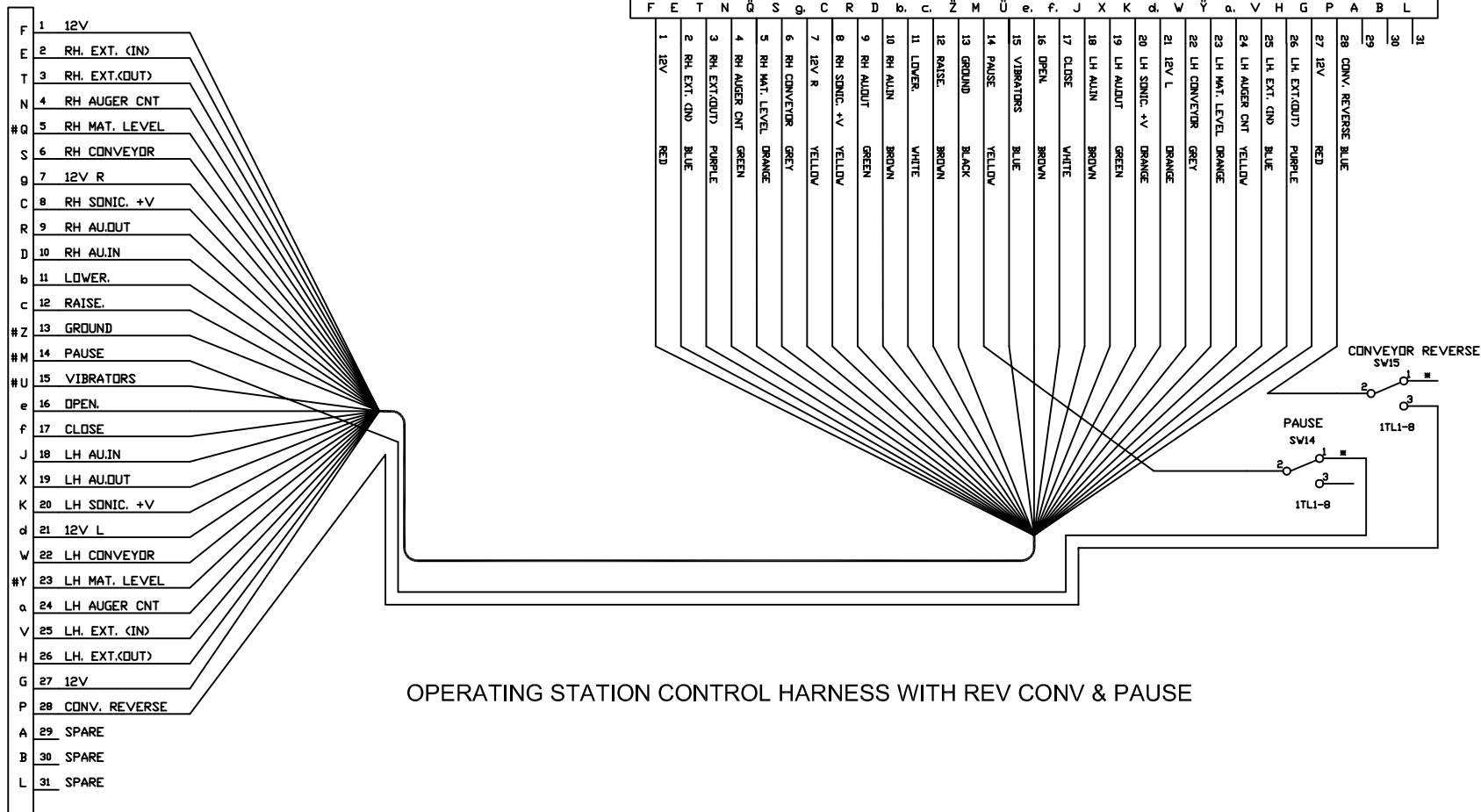
DRAWING NO:

EL 1750 C - 06

REVISION NO: 0

SHEET: 2 OF: 7

P-J1 WT06B-24-31SN



OPERATING STATION CONTROL HARNESS WITH REV CONV & PAUSE

VENDOR No. : NONE	REV: NA	DRAWN: DMC	0/17/02
VENDOR DATE: NONE	EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01	
VENDOR TITLE: NONE	EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02	
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 06.dwg	01/17/02	



MAULDIN®
PAVING PRODUCTS

TITLE: CONTROL WIRING W/REV CONV & PAUSE

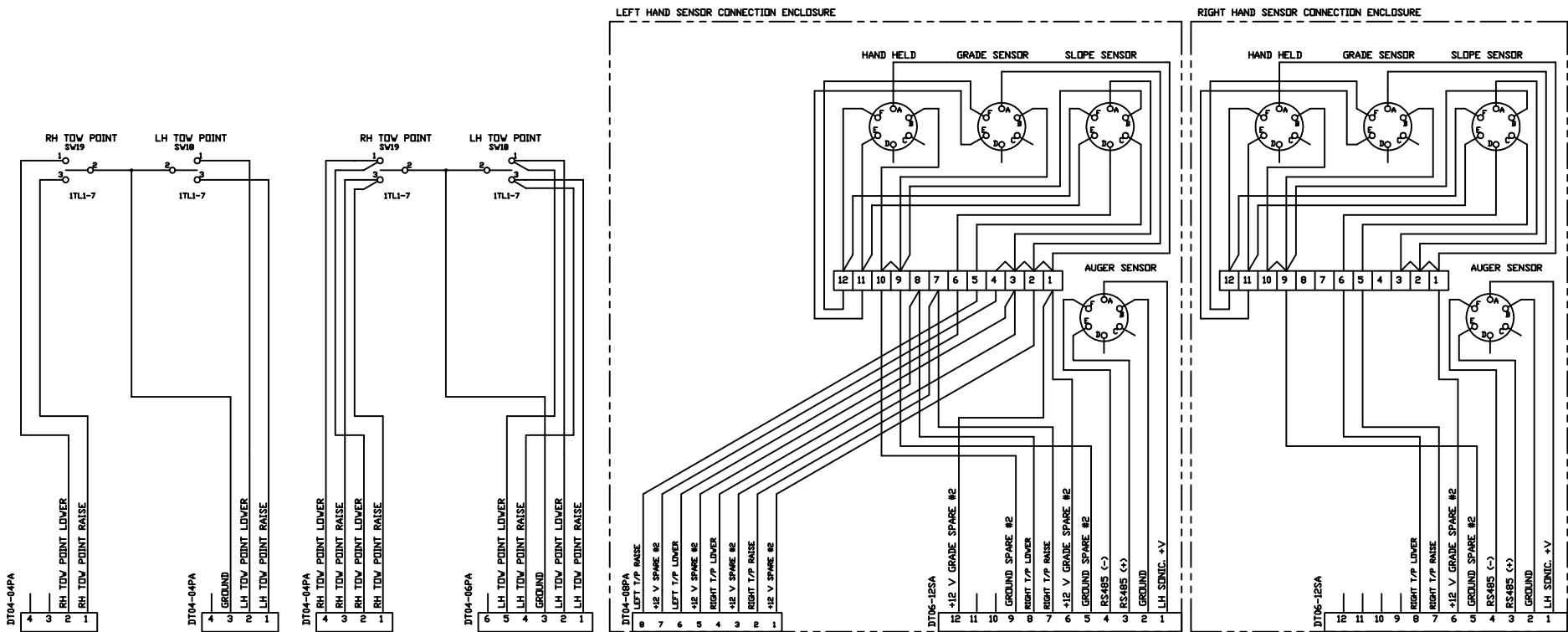
DRAWING NO:

EL 1750 C - 06

REVISION NO:

0

SHEET: 3 OF: 7



TOW POINT & SENSOR JUNCTION BOXES AND MANUAL TOW POINT SWITCHES

VENDOR No. : NONE	REV: NA	DRAWN: DMC	0/17/02
VENDOR DATE: NONE	EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01	
VENDOR TITLE: NONE	EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02	
VENDOR CAD_FILE: NONE	CAD_FILE: EL 1750 C - 06.dwg	01/17/02	



MAULDIN®
PAVING PRODUCTS

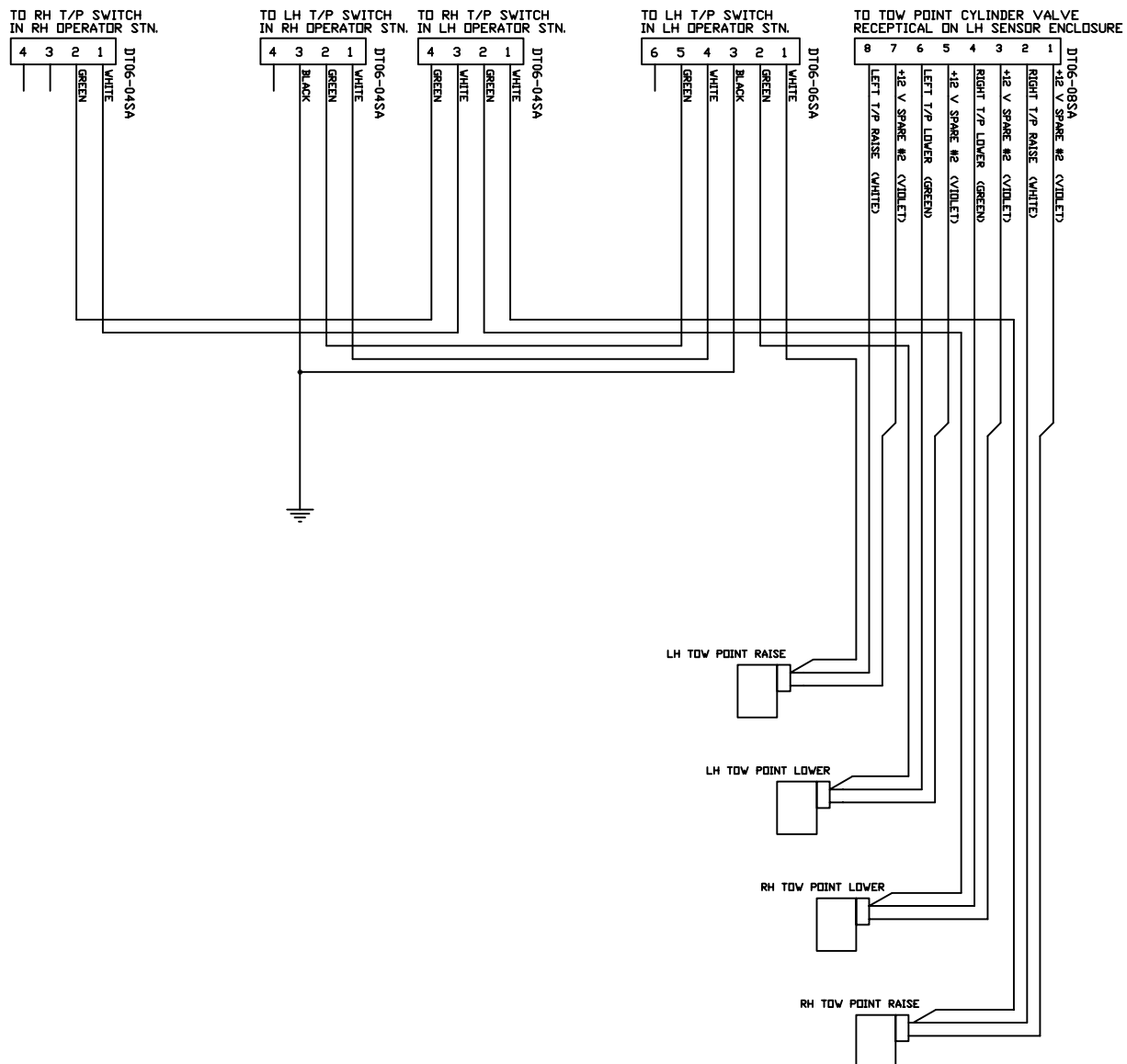
TITLE: CONTROL WIRING W/REV CONV & PAUSE

DRAWING NO:

EL 1750 C - 06

REVISION NO: 0

SHEET: 4 OF: 7



TOW POINT VALVE & SWITCH HARNESS

VENDOR No. : NONE	REV: NA	DRAWN: DMC	0/17/02
VENDOR DATE: NONE		EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 06.dwg	01/17/02



MAULDIN®
PAVING PRODUCTS

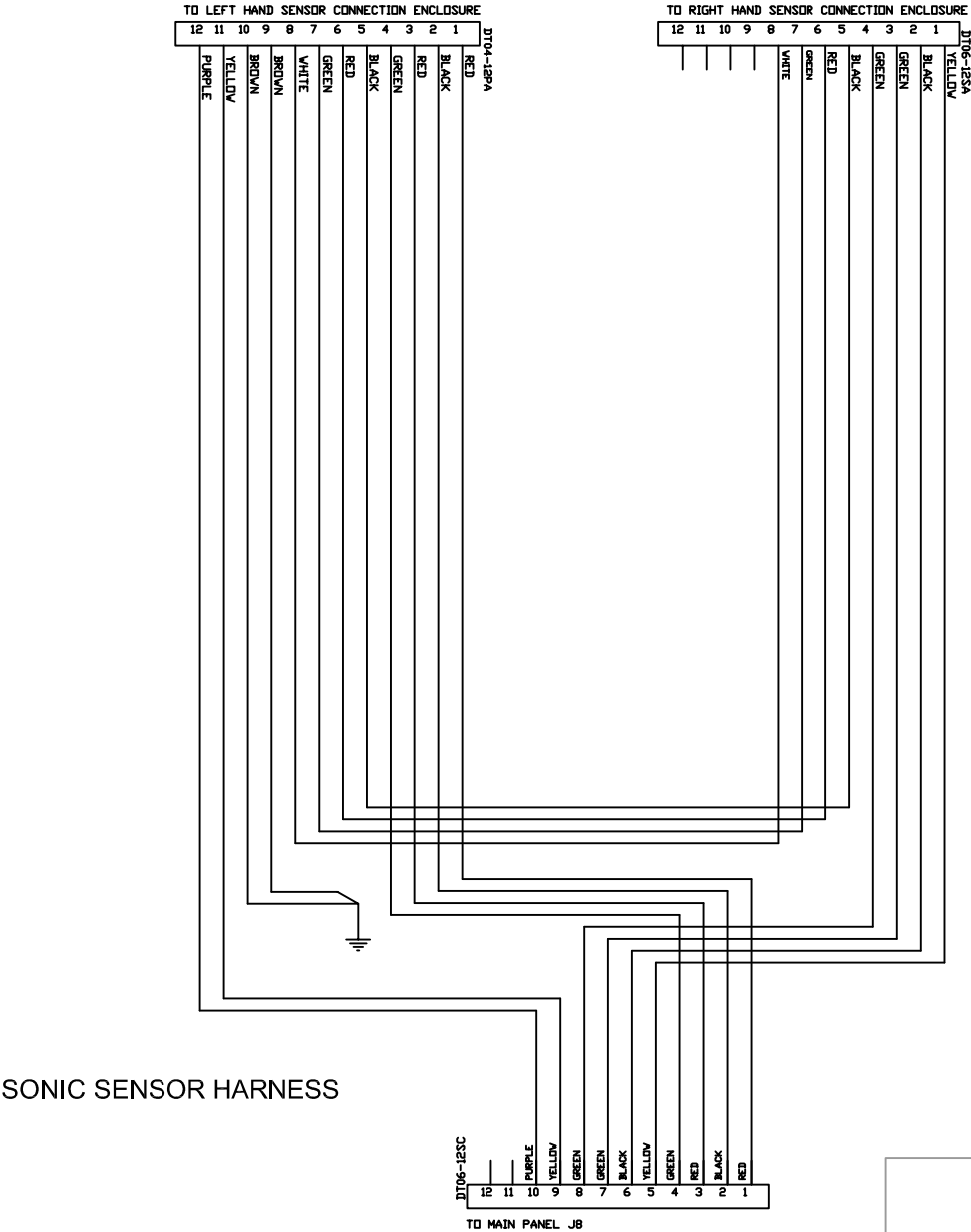
TITLE: CONTROL WIRING W/REV CONV & PAUSE

DRAWING NO:

EL 1750 C - 06

REVISION NO: 0

SHEET: 5 OF: 7



MAULDIN®
PAVING PRODUCTS

VENDOR No. : NONE	REV: NA	DRAWN: DMC	0/17/02
VENDOR DATE: NONE		EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 06.dwg	01/17/02

TITLE: CONTROL WIRING W/REV CONV & PAUSE

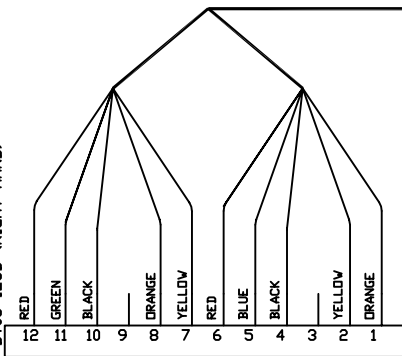
DRAWING NO:

EL 1750 C - 06

REVISION NO: 0

SHEET: 6 OF: 7

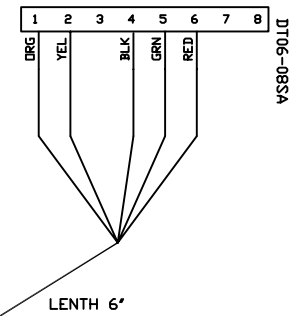
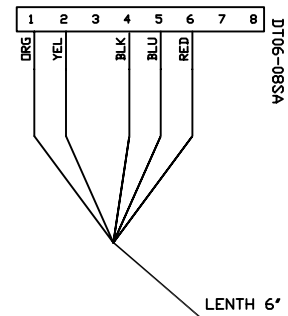
DT06-12SA (LEFT HAND)
DT06-12SB (RIGHT HAND)



TO MAIN PANEL (J10 FOR LEFT, J11 FOR RIGHT)

OVER ALL LENTH 138'

STEERING JOY STICK HARNESSSES



VENDOR No. : NONE	REV: NA	DRAWN: DMC	0/17/02
VENDOR DATE: NONE		EFFECTIVE IN #: 984-B-75TJS7Y2-00984	11/30/01
VENDOR TITLE: NONE		EFFECTIVE OUT #: 998-B-75TJS7Y2-00998	02/27/02
VENDOR CAD_FILE: NONE		CAD_FILE: EL 1750 C - 06.dwg	01/17/02



MAULDIN®
PAVING PRODUCTS

TITLE: CONTROL WIRING W/REV CONV & PAUSE

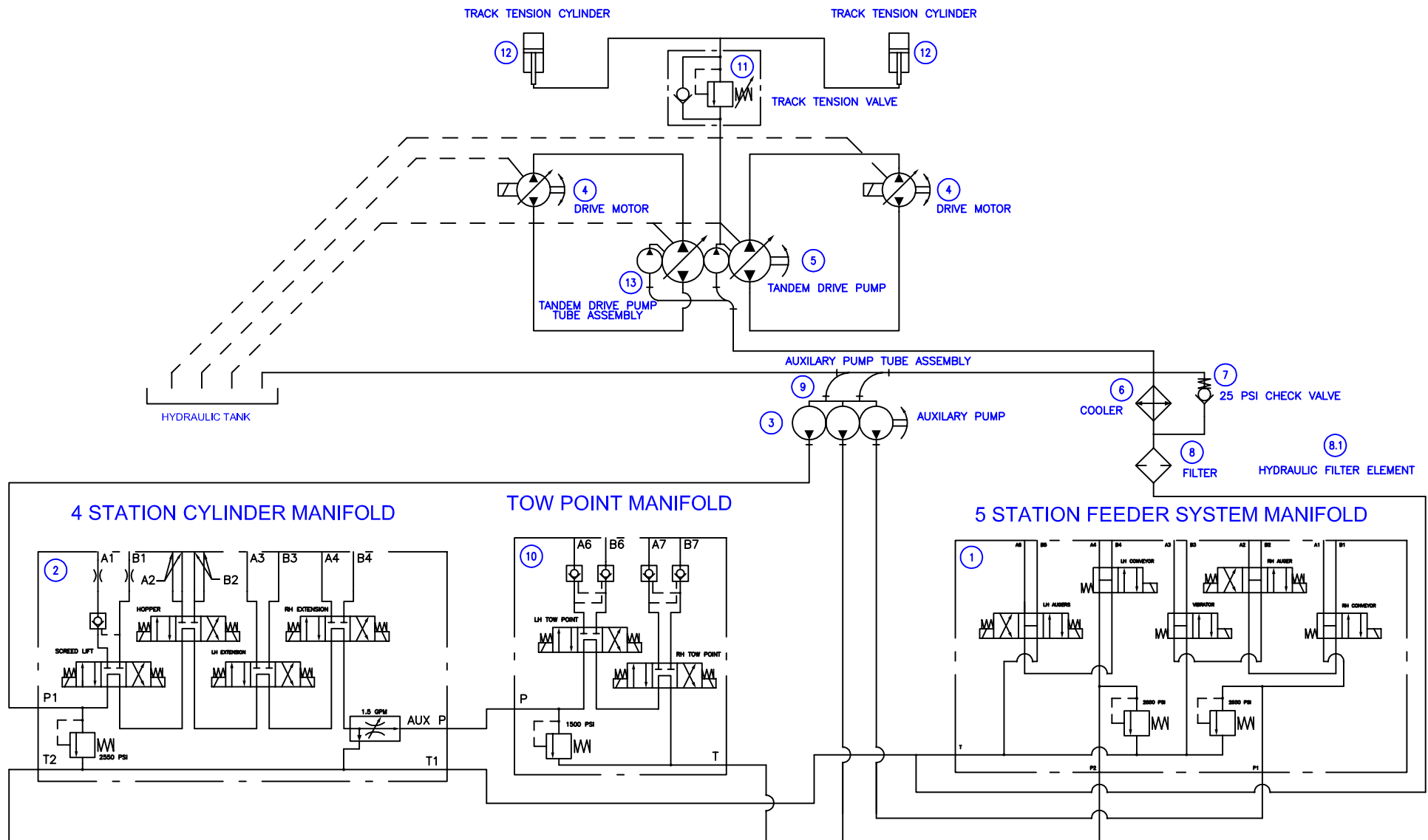
DRAWING NO: EL 1750 C - 06

REVISION NO: 0
SHEET: 7 OF 7



1750-C

Hydraulic Schematics



1750 C MAIN HYDRAULIC CIRCUIT



MAULDIN®
Paving Products

DRAWN:	DMC	8/13/01
EFFECTIVE IN SN:		
EFFECTIVE OUT SN:		
CAD_FILE:	Hyd 1750 C-05.dwg	8/13/01

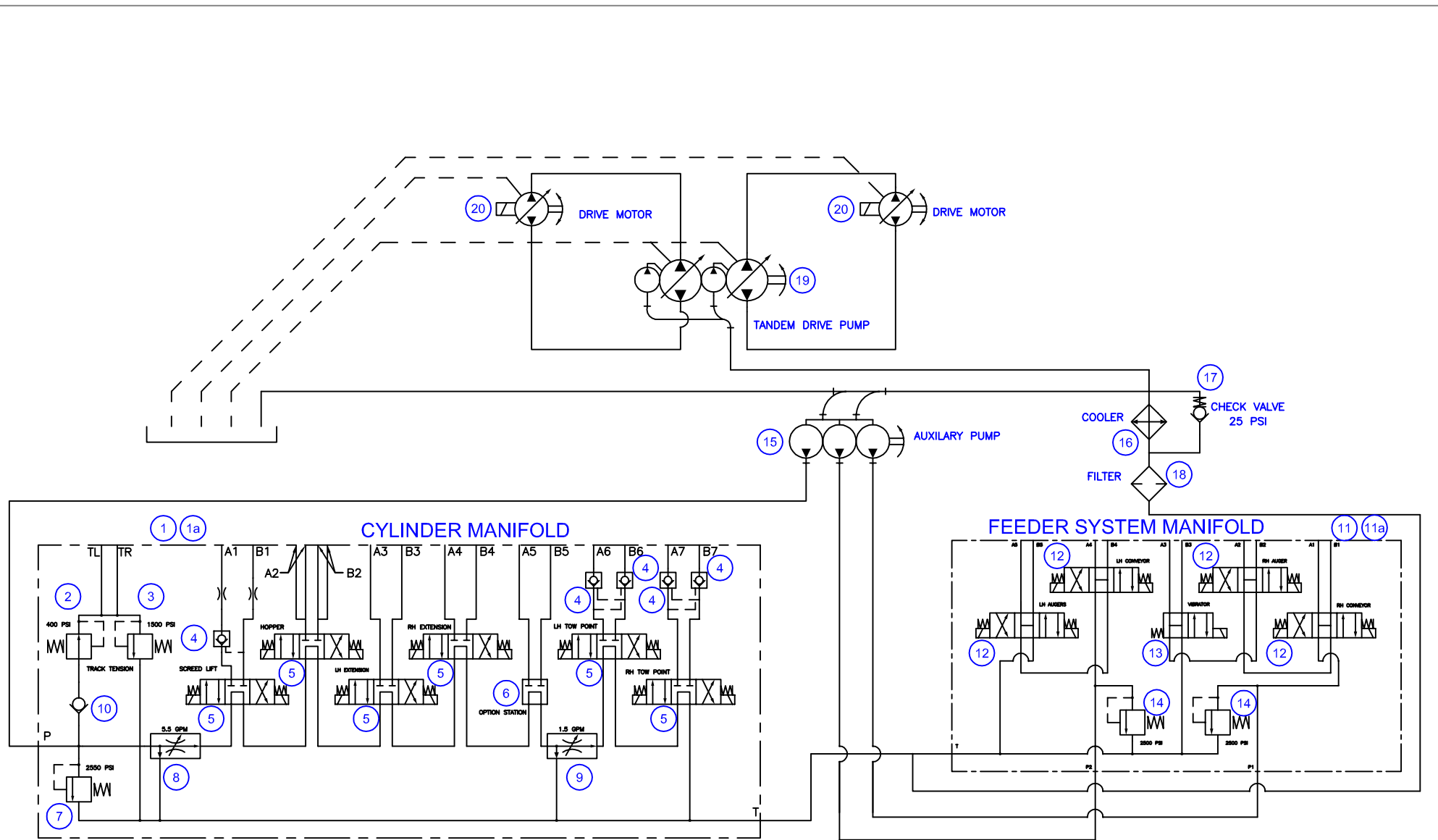
TITLE:	HYDRAULIC, 1750 C MAIN		
DRAWING NO:	HY 1750 C - 05		REVISION NO: 0
			SHEET: 1 OF: 1

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

MAIN HYDRAULIC SCHEMATIC

DWG# HY 1750 C - 05

1. 5 Station Feeder System Manifold	017-0146
2. 4 Station Cylinder Manifold	017-0150
3. Auxiliary Pump	<i>See Engine Assembly – Right Side</i>
4. Drive Motor (LH & RH) (X2)	<i>See Track Drive Assembly</i>
5. Tandem Drive Pump	<i>See Engine Assembly – Right Side</i>
6. Cooler (Hydraulic Oil)	050-0181
7. Check Valve	014-1061
8. Hydraulic Filter.....	<i>See Engine Compartment</i>
8.1 Hydraulic Filter Element.....	<i>See Engine Compartment</i>
9. Auxiliary Pump Tube Assembly	<i>See Engine Assembly – Right Side</i>
10. Tow Point Manifold	017-0156
11. Track Tension Valve.....	017-0164
12. Track Tension Cylinder (X2).....	<i>See Track Drive Assembly</i>
13. Tandem Drive Pump Tube Assembly	<i>See Engine Assembly – Right Side</i>



1750 C MAIN HYDRAULIC CIRCUIT



MAULDIN®
PAVING PRODUCTS

DRAWN:	DMC	06/13/01
EFFECTIVE IN SN:	984-B-75TJS7Y2-00984	11/30/01
EFFECTIVE OUT SN:		
CAD_FILE:	HY 1750 C - 01.dwg	06/13/01

TITLE: HYDRAULIC 1750 C

DRAWING NO:

HY 1750 C - 01

REVISION NO: 0

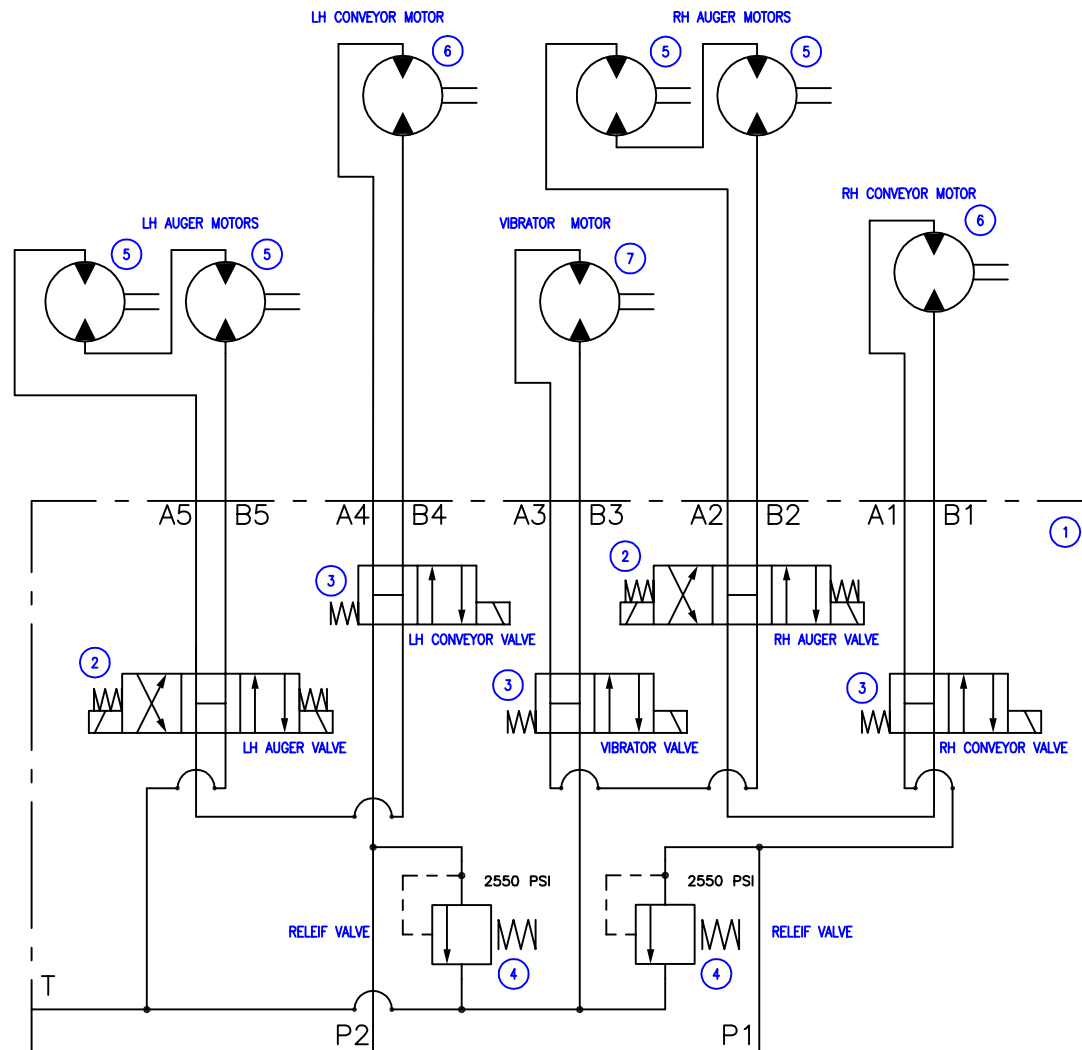
SHEET: 1 OF: 3

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

MAIN HYDRAULIC CIRCUIT SCHEMATIC

DWG# HY1750 C – 01 (1 of 3)

1. 7 Station Cylinder Manifold Assembly See DWG# HY 1750 C – 01 (2 of 3)
 - 1a. 7 Station Valve Manifold See DWG# HY 1750 C – 01 (2 of 3)
2. Pressure Reducing Cartridge (????-???) See DWG# HY 1750 C – 01 (2 of 3)
3. Relief Cartridge (RDDA-LAN) See DWG# HY 1750 C – 01 (2 of 3)
4. Check Cartridge (CKBB-XCN) (x5) See DWG# HY 1750 C – 01 (2 of 3)
5. Solenoid Valve (D-03) (x6) See DWG# HY 1750 C – 01 (2 of 3)
6. Manifold Cover Plate See DWG# HY 1750 C – 01 (2 of 3)
7. Relief Cartridge (RDBA-LAN) See DWG# HY 1750 C – 01 (2 of 3)
8. Priority Flow Control Valve (6.1 gpm) See DWG# HY 1750 C – 01 (2 of 3)
9. Priority Flow Control Valve (1.3 gpm) See DWG# HY 1750 C – 01 (2 of 3)
10. Check Cartridge (CXDA-XAN) See DWG# HY 1750 C – 01 (2 of 3)
11. 5 Station Feeder System Manifold Assembly See DWG# HY 1750 C – 01 (3 of 3)
 - 11a. 5 Station Valve Manifold See DWG# HY 1750 C – 01 (3 of 3)
12. Solenoid Valve (Slow Shift) (x4) See DWG# HY 1750 C – 01 (3 of 3)
13. Solenoid Valve (Vibrator) See DWG# HY 1750 C – 01 (3 of 3)
14. Relief Cartridge (RDDA-LAN) (x2) See DWG# HY 1750 C – 01 (3 of 3)
15. Auxiliary Pump See Engine Assembly – Right Side
16. Cooler (Hydraulic Oil) See Engine Compartment
17. Check Valve See Engine Compartment
18. Hydraulic Filter See Engine Compartment
19. Tandem Drive Pump See Engine Assembly – Right Side
20. Drive Motor (LH & RH) See Drive Assembly



5 STATION FEEDER SYSTEM MANIFOLD

1750 C FEEDER SYSTEM HYDRAULIC CIRCUIT



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DRAWN:	DMC	06/13/01
EFFECTIVE IN #:	545-A-75TJS7Y2-00545	03/03/00
EFFECTIVE OUT #:	959-AA75TJS7Y2-00959	11/07/01
CAD_FILE:	HY 1750 C - 03.dwg	06/13/01

TITLE: HYDRAULIC, 1750 C FEEDER SYSTEM

DRAWING NO:

HY 1750 C - 03

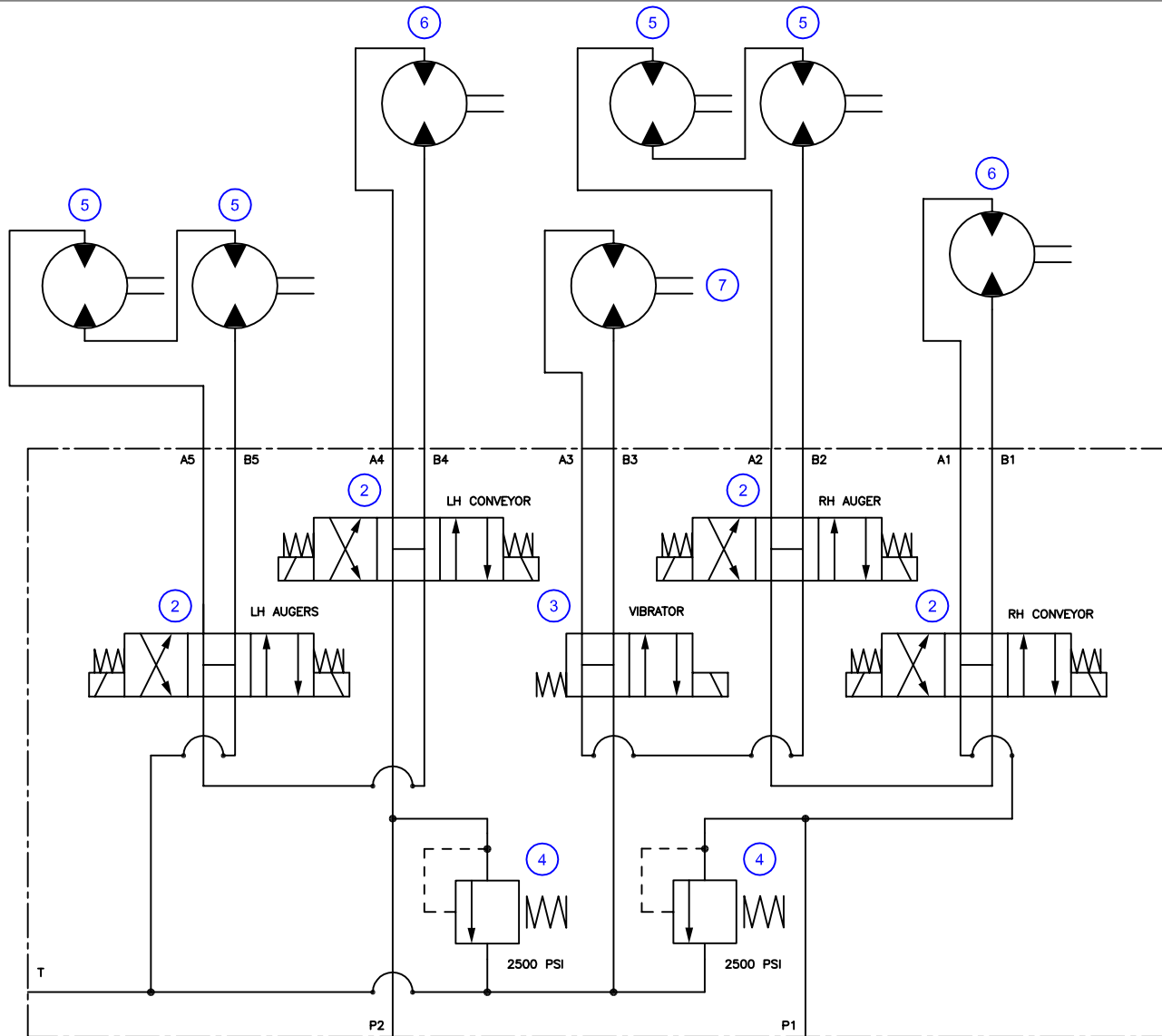
REVISION NO: 0

SHEET: 1 OF 1

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

FEEDER SYSTEM HYDRAULIC CIRCUIT SCHEMATIC
DWG# HY 1750 C - 03

1. 5 Station Feeder System Manifold.....	017-0146
2. Auger Valve (LH & RH) (Double Sided) (X2)	017-0147
3. Conveyor/ Vibrator Valve (LH & RH) (Single Sided) (X3).....	017-0148
4. Relief Valve (X2).....	017-0149
5. Auger Motor (LH & RH) (X4)	<i>See Screed Front</i>
6. Conveyor Motor (LH & RH) (X2)	<i>See Flight Chain Assembly</i>
7. Vibrator Motor	<i>See Vibrator Assembly</i>



FEEDER SYSTEM MANIFOLD ① ①a

1750 C FEEDER HYDRAULIC CIRCUIT



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PAVING PRODUCTS

DRAWN:	DMC	06/13/01
EFFECTIVE IN SN:	984-B-75TJS7Y2-00984	11/30/01
EFFECTIVE OUT SN:		
CAD_FILE:	HY 1750 C - 01.dwg	06/13/01

TITLE: HYDRAULIC 1750 C

DRAWING NO:

HY 1750 C - 01

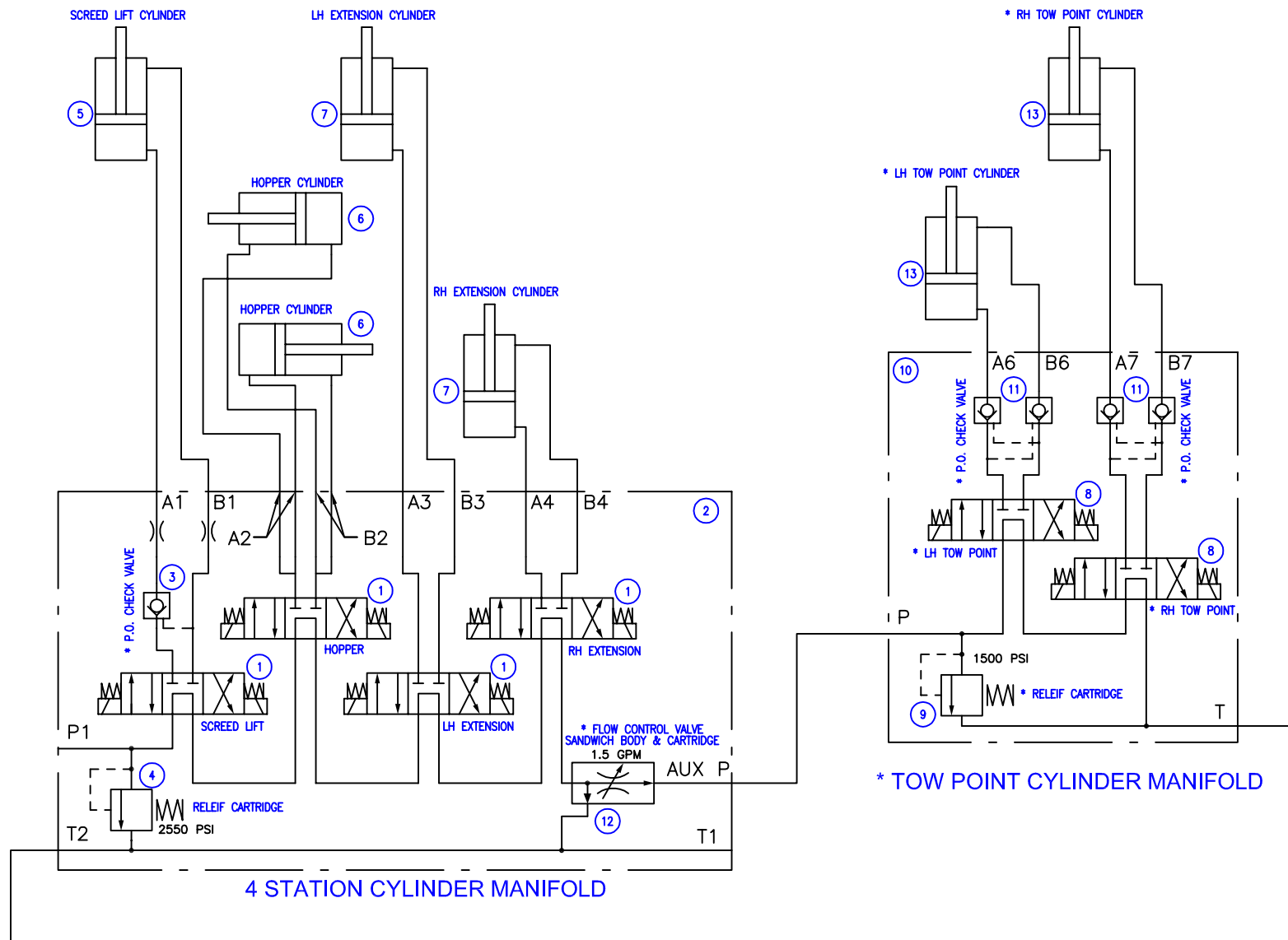
REVISION NO: 0

SHEET: 3 OF 3

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

FEEDER SYSTEM HYDRAULIC CIRCUIT SCHEMATIC
DWG# HY1750 C – 01 (3 of 3)

1.	5 Station Feeder System Manifold Assembly	017-0184
1a.	5 Station Valve Manifold	017-0146
2.	Solenoid Valve (Slow Shift) (x4).....	017-0147
3.	Solenoid Valve (Vibrator)	017-0148
4.	Relief Cartridge (RDDA-LAN) (x2)	017-0182
5.	Auger Motor	See Screed Assembly – Front
6.	Conveyor Motor	See Flight Chain Assembly
7.	Vibrator Motor	See Vibrator Assembly



1750 C HYDRAULIC CYLINDER CIRCUIT

* OPTIONAL EQUIPMENT



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DRAWN:	DMC	08/13/01
EFFECTIVE IN #:	545-A-75TJS7Y2-00545	03/03/00
EFFECTIVE OUT #:	959-AA75TJS7Y2-00959	11/07/01
CAD_FILE:	HY 1750 C - 04.DWG	08/13/01

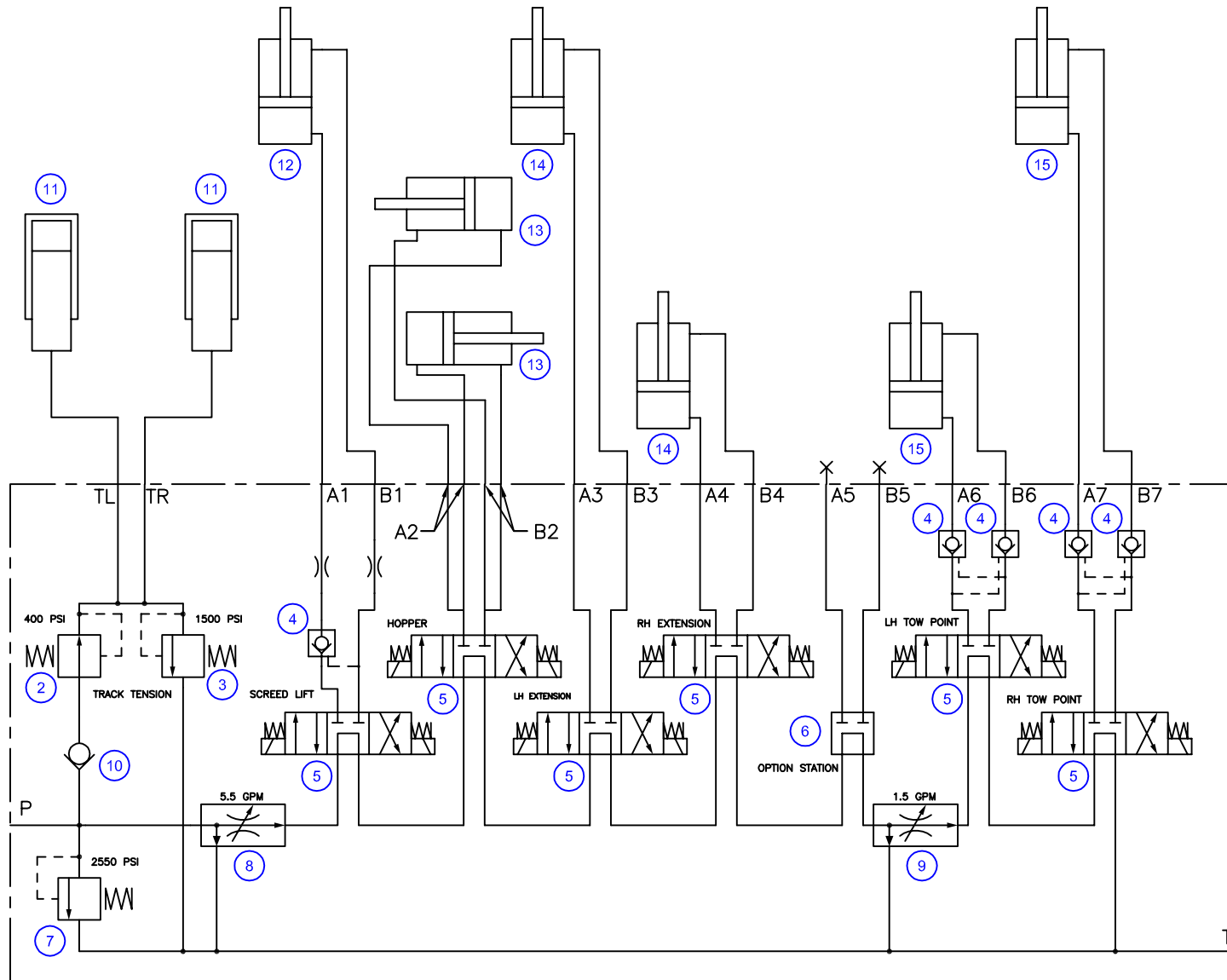
TITLE:	HYDRAULIC, 1750 C CYLINDER		
DRAWING NO:	HY 1750 C - 04		REVISION NO: 0
			SHEET: 1 OF: 1

Serial Number Range: 545-A-75TJS7Y2-00545 thru 959-AA75TJS7Y2-00959

HYDRAULIC CYLINDER CIRCUIT SCHEMATIC

DWG# HY 1750 C - 04

1. Cylinder Valve (X4)	017-0151
2. 4 Station Cylinder Manifold	See Dwg. # 1750-C 05
3. Pilot Operated Check Valve	017-0152
4. Relief Cartridge	017-0149
5. Screed Lift Cylinder	See Hopper Assembly-Left Side
6. Hopper Cylinder (X2)	See Hopper Assembly-Left Side
7. Extension Cylinder (LH & RH) (X2)	See Screed Assembly - Front
8. Tow Point Valve (LH & RH) (X2)	017-0174
9. Relief Cartridge Valve	017-0149
10. Tow Point Cylinder Manifold	See Dwg. # 1750-C 05
11. Double Pilot Operated Check Valve (X2)	017-0161
12. Flow Control Valve Sandwich Body	017-1012
a. Flow Control Valve Cartridge	017-1011
13. Tow Point Cylinders (LH & RH) (X2)	See Hopper Assembly - Left Side



CYLINDER MANIFOLD 1 1a

1750 C CYLINDER HYDRAULIC CIRCUIT



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PAVING PRODUCTS

DRAWN:	DMC	06/13/01
EFFECTIVE IN SN:	984-B-75TJS7Y2-00984	11/30/01
EFFECTIVE OUT SN:		
CAD_FILE:	HY 1750 C - 01.dwg	06/13/01

TITLE: HYDRAULIC 1750 C

DRAWING NO:

HY 1750 C - 01

REVISION NO: 0

SHEET: 2 OF: 3

Serial Number Range: 984-B-75TJS7Y2-00984 thru _____

CYLINDER HYDRAULIC CIRCUIT SCHEMATIC

DWG# HY1750 C – 01 (2 of 3)

1. 7 Station Cylinder Manifold Assembly	017-0183
1a. 7 Station Valve Manifold	017-0163
2. Pressure Reducing Cartridge	017-0181
3. Relief Cartridge (RDDA-LAN).....	017-0182
4. Check Cartridge (CKBD-XCN) (x5)	017-0175
5. Solenoid Valve (D-03) (x6)	017-0174
6. Manifold Cover Plate	017-0179
7. Relief Cartridge (RDBA-LAN).....	017-0176
8. Priority Flow Control Valve (6.1 gpm)	017-0178
9. Priority Flow Control Valve (1.3 gpm)	017-0177
10. Check Cartridge (CXDA-XAN)	017-0180
11. Track Tension Cylinder	See Track Assembly
12. Screed Lift Cylinder	See Hopper Assembly – Left Side
13. Hopper Cylinder	See Hopper Assembly – Left Side
14. Extension Cylinder	See Screed Assembly – Rear
15. Tow Point Cylinder	See Hopper Assembly – Left Side