

**UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK**

-----X
In re:

MOTORS LIQUIDATION COMPANY, f/k/a
GENERAL MOTORS CORPORATION, *et al.*,

Debtors.

-----X
MOTORS LIQUIDATION COMPANY AVOIDANCE
ACTION TRUST, by and through the Wilmington Trust
Company, solely in its capacity as Trust Administrator
and Trustee,

Plaintiff,

against

JPMORGAN CHASE BANK, N.A., *et al.*,

Defendants.
-----X

Chapter 11

Case No. 09-50026 (MG)
(Jointly Administered)

Adversary Proceeding

Case No. 09-00504 (MG)

Plaintiff's Representative Assets Appendix

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Company Avoidance Action Trust*



Plaintiff's Representative Assets Appendix

Asset ID	Description	GM e-FAST Description	Location	Representative Asset & Tab #
100006527	Shim Select and Placement Machine	OP-150 SELECT; CHECK PLACE SHIMS AUTO STATION	Warren Transmission	1
100017544	Pits & Trenches	GA PITS & TRENCHES	Lansing Delta Township Assembly	2
100033438	Torque Converter Housing Conveyor System	POWER ZONE ROLLER CONVEYOR AUTOMATION TCH MOD 3	Warren Transmission	3
100037892	ELPO Process Waste Lines	PAINT BLDG LINES - PROCESS WASTE ELPO	Lansing Delta Township Assembly	4
100037940	Paint Mix and Circulation Electrical System	PAINT MIX & CIRCULATION- ELECTRICAL	Lansing Delta Township Assembly	5
100037954	ELPO IMC System	PAINT DIP CONVEYOR - ELPO OVEN IMC	Lansing Delta Township Assembly	6
100038004	TC Automation Software	PAINT TC AUTOMATION SOFTWARE	Lansing Delta Township Assembly	7
100038035	Paint Mix Room	GA EOL PAINT SPOT REPROCESS SYS PAINT MIX ROOM	Lansing Delta Township Assembly	8
100038119	Paint TC2 CC Bell Zone	PAINT TC2 CC BELL ZONE	Lansing Delta Township Assembly	9
100041920	OptiCell Measuring System	OPTICELL - ROBOTIC MEASUREMENT SYSTEM	Lansing Regional Stamping	10
100045909	Central Utilities Complex	LANSING DELTA TOWNSHIP ASSEMBLY UTILITY SERVICES	Lansing Delta Township Assembly	11
100048169	BS Framing Robot	BS ROBOT LAZN-150R1	Lansing Delta Township Assembly	12
100050513	BS Weld Bus Duct	BS WELD BUS DUCTS	Lansing Delta Township Assembly	13
100053677	Leak Test System	LEAK TEST BASE MACHINE QTY = 1	Warren Transmission	14

Plaintiff's Representative Assets Appendix

Asset ID	Description	GM e-FAST Description	Location	Representative Asset & Tab #
100060623	Wheel Assembly Machine	GA T/W: SOAP; MOUNT AND INFLATE	Lansing Delta Township Assembly	15
100061079	BS Skid Conveyor	BS SKID CONVEYOR LAZA	Lansing Delta Township Assembly	16
100061614	BS P&F Conveyor	BS P&F CONVEYOR - BODY SIDE INNER LH DEL	Lansing Delta Township Assembly	17
100062269	Vertical Adjusting Carriers	GA CONVEYOR: VERTICAL ADJUSTING CARRIER SYS - CARRIERS (QTY 87)	Lansing Delta Township Assembly	18
100064667	BS CMM	BS CMM FULL BODY MACHINE - LY90	Lansing Delta Township Assembly	19
100065640	Wheel & Tire Delivery Conveyor	GA CONVEYOR SUB-ASM RECEIVING: WTD1000 - WHEEL & TIRE DELIVERY	Lansing Delta Township Assembly	20
100066809	Skillet Conveyor System	GA CONVEYOR: SKILLET - FINAL - LEG 1	Lansing Delta Township Assembly	21
100069322	Robot Gantry System	FANUC M-710IB/70T ROBOT ASSEMBLY	Warren Transmission	22
100070012	Coolant Filtration System	ALUMINUM MACHINING SYSTEM	Warren Transmission	23
100071009	CNC Gear Shaper	LFS220 BASE SHAPING MACHINE-OP 20 TRANSFER DRIVE GEAR	Warren Transmission	24
100071022	Gear Hobber	LIEBHERR HOBBS MACHINE FROM ST. CATHARINES	Warren Transmission	25
100095344	Core Delivery Conveyor System	CORE DELIVERY CONVEYOR SYSTEM CB116 & 122	Defiance	26
100098085	Cupola No. 4 Emissions System	EMISSIONS SYSTEM #4 CUPOLA	Defiance	27
100099125	Ajax 100 Ton Holding Furnace	100 TON VERTICAL CHANNEL HOLDING FURNACE	Defiance	28
BF2016822 01	GG1 Clearing Transfer Press	TRANSFER PRESS-GG-1	Grand Rapids Stamping	29

Plaintiff's Representative Assets Appendix

Asset ID	Description	GM e-FAST Description	Location	Representative Asset & Tab #
BGI20163301	TP-14 Danly Transfer Press	TP-14 CS1-1 TRANSFER PRESS DANLY ET-2	Mansfield Stamping	30
BUY11820901	Danly Tryout Press	DANLY 4000 TON PRESS	Lansing Regional Stamping	31
BUYR503469FA	Schuler Transfer Press	AA-11 SCHULER #1 AA CROSSBAR TRANSFER PRESS	Lansing Regional Stamping	32
BUYR503481FA	B3-5 Transfer Press	B3-5 TRANSFER PRESS SYSTEM INCL. DESTACKER AND EOL	Lansing Regional Stamping	33
NIT219381	4 Speed Build Line	BUILD LINE W/FOUNDATION	Warren Transmission	34
NITC03340	Button Up and Test Conveyor	BUTTON UP AND TEST CONVEYOR SYSTEM	Warren Transmission	35
NITC03507	Helical Broach	HELICAL BROACHING EQUIPMENT	Warren Transmission	36
NITW0S11026A	Courtyard Enclosure	COURTYARD ENCLOSURE	Warren Transmission	37
NJL2924414P	Gas Cleaning System	SYSTEM GAS CLEANING NO.4 CUPOLA	Defiance	38
NJL2983009	CB91 Unload Robot	CB 91 ROBOT	Defiance	39
NJL6084400	P & H Charger Crane	P & H 7 1/2 TON CHARGER CRANE 6E CUPOLA	Defiance	40

Shim Select and Placement Machine
Asset ID 100006527 (Representative Asset No. 1)

GM Powertrain Warren Transmission

Description of Asset

Description	Shim Select and Placement Machine
Manufacturer	Hirata Corp Of America
Model	N/A
Serial Number	N/A

Asset ID 100006527 consists of an automated shim selecting and placement machine (the "Shim Select and Placement Machine"). The subject asset is located at GM's Warren Transmission facility within the six speed transmission assembly area. The Shim Select and Placement Machine was manufactured by Hirata. The Shim Select and Placement Machine is attached to the building floor with lag bolts and also attached by bolts to the conveyor system on which the product is carried. The conveyor system is not included in the scope of the Shim Select and Placement Machine.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

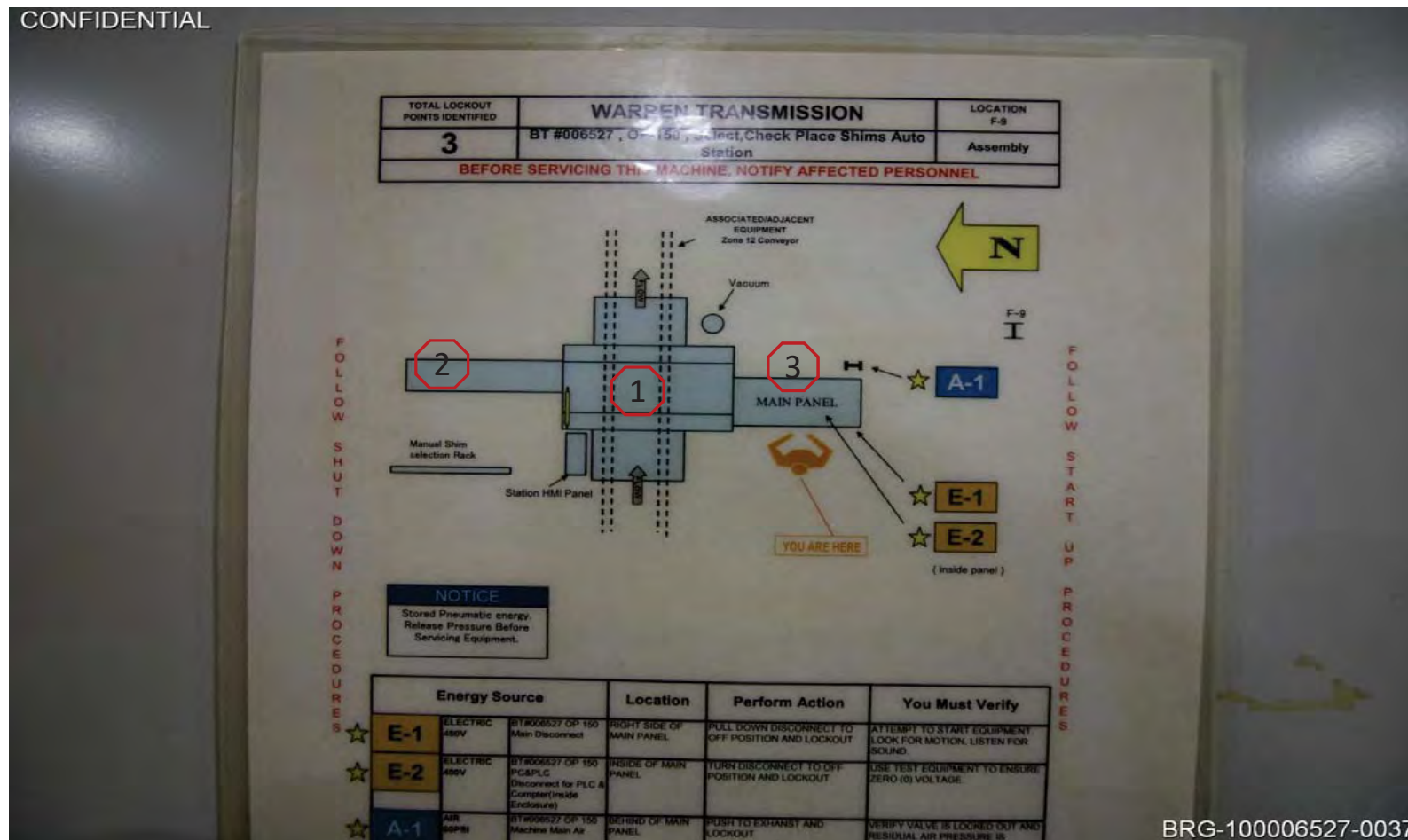
Fixed Asset Listing Information [a]

Asset ID	100006527
Asset Description	OP-150 SELECT; CHECK PLACE SHIMS AUTO STATION
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	6/1/2006
Total Installed Cost	\$467,741
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

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BRG-10006527-0037

Picture 10006527-1 - Asset Diagram & Layout

1

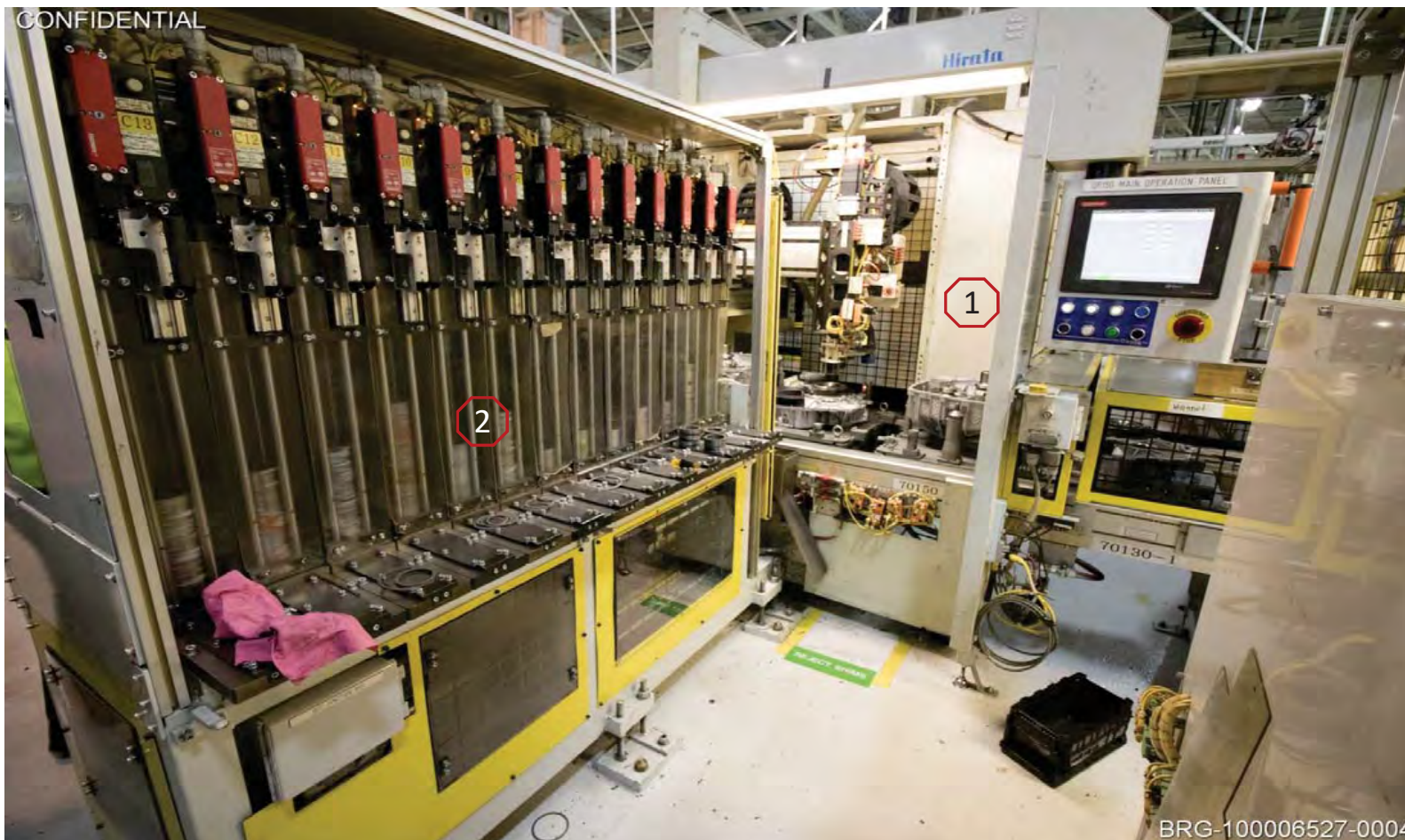
Automated Placement Machine

3

Control Panel

2

Shim Dispenser



Picture 100006527-2 - Shim Select and Placement Machine

1



Automated Placement
Machine

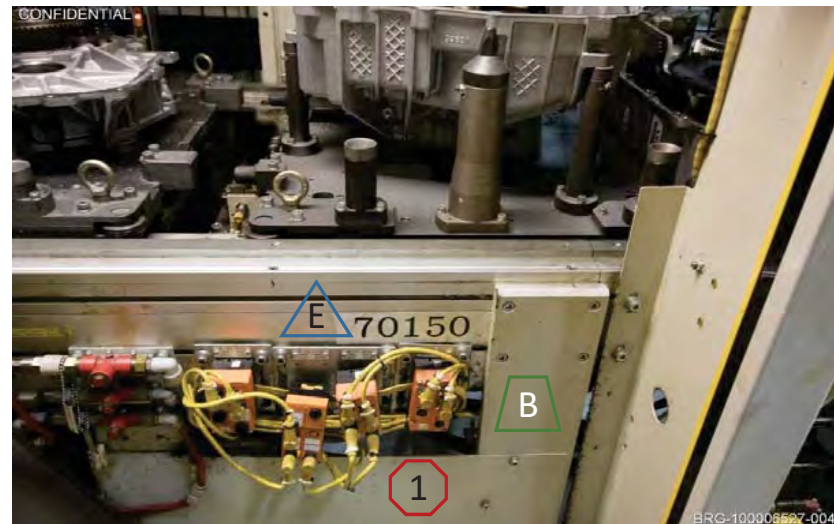
2

Shim Dispenser






Picture 100006527-3 - Shim Dispenser (Attachment)

-  B Lag bolts securing the shim placement machine to the realty.
-  2 Shim Dispenser



Picture 100006527-4 - Shim Placement Machine

-  E Data and control wiring utilizes quick disconnect fittings for easy separation.
-  B The shim placement machine is connected to a conveyor system with allen bolts.
-  1 Automated Placement Machine



Picture 100006527-5 - Control Panel



The control panel is attached to the floor with lag bolts.



Incoming power is supplied to the control panel through wire in conduit.



Control Panel

Pits and Trenches

Asset ID 100017544 (Representative Asset No. 2)

GM Assembly Lansing Delta Township

Description of Asset

Description	Pits and Trenches
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100017544 consists of various pits and trenches (the "Pits and Trenches") in the general assembly building at GM's Lansing Delta Township Assembly plant. Based on a floor plan and list provided by NewGM, the Pits and Trenches include those constructed for the final assembly line skillet conveyors, the trim line skillet conveyors, and the Care Line skillet conveyors. The Pits and Trenches vary in their dimensions but are generally constructed by excavating a particular area and pouring a concrete foundation such that a void is created in the floor allowing for below grade drainage or equipment installation. The pits and trenches are physically integrated into the building foundation in a way that does not allow them to operate or remain intact when separated from the building.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	Yes
Permanent Annexation Intended	Yes

Concluded Classification

Fixture

Physical Attachment & Classification Considerations

Primary Method of Attachment: Built on grade, integrated into the building floor

1. Pads/Foundations/Piers/Pits ----->	Foundations and pits	6. Asset Design/Construction Type ----->	Permanent construction
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	Yes
3. Wiring/Electrical Connections ----->	No	8. Damage to Realty from Removal----->	Yes
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	Yes
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	No
		12. Similar Assets Traded on the Secondary Market ----->	No

Fixed Asset Listing Information [a]

Asset ID	100017544
Asset Description	GA PITS & TRENCHES
Category	BLDG/ENCLOSURES OTHER
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	OUTSIDE-LAND,BDLG&IMP,ETC
In Service Date	7/20/2006
Total Installed Cost	\$2,307,597
Depreciable Life (Accounting)	40 YRS
Property Tax Classification [b]	REAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100017544-1 - Example Pit within General Assembly

C

Final assembly line conveyor pit with concrete walls and floor below the building floor level.

Torque Converter Housing Conveyor System
Asset ID 100033438 (Representative Asset No. 3)

GM Powertrain Warren Transmission

Description of Asset

Description	Torque Converter Housing Conveyor System
Manufacturer	Ex-Cell-O GmbH
Model	N/A
Serial Number	N/A

Asset ID 100033438 consists of an automated conveyor system (the "Torque Converter Housing Conveyor System") used in one of the torque converter production modules at GM's Warren Transmission plant within the prismatic area. The Torque Converter Housing Conveyor System was manufactured by EX-CELL-O GmbH and is used to convey torque converter housings to and from machining operations. The subject asset is located at GM's Warren Transmission facility, where it was placed in service in February 2007. All components of the converter conveyor system are modular and allow for easy disassembly, replacement, and reconfiguration.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100033438
Asset Description	POWER ZONE ROLLER CONVEYOR AUTOMATION TCH MOD 3
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	2/15/2007
Total Installed Cost	\$1,053,051
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

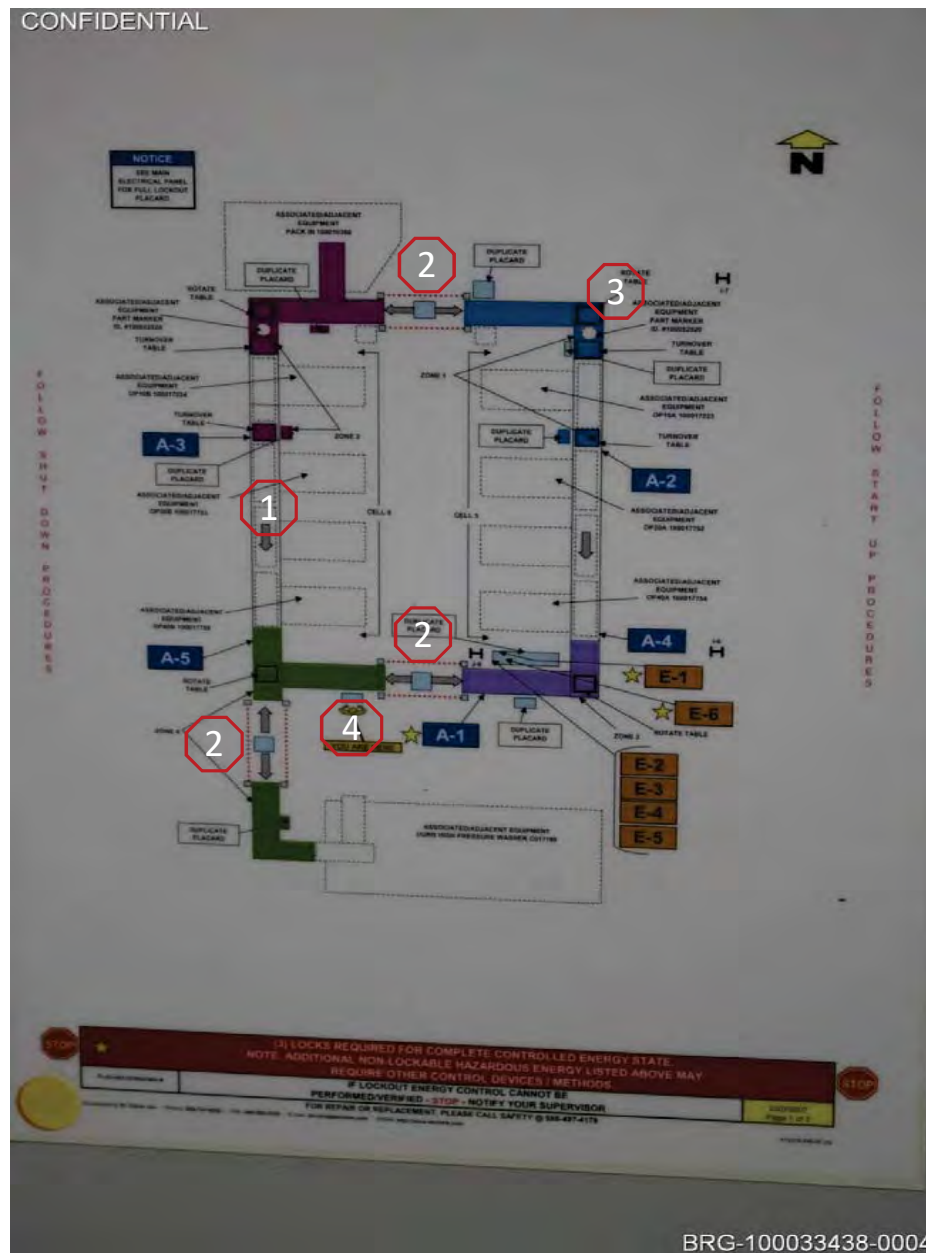
[b] Property tax classification information was obtained from KPMG-GM0092238.

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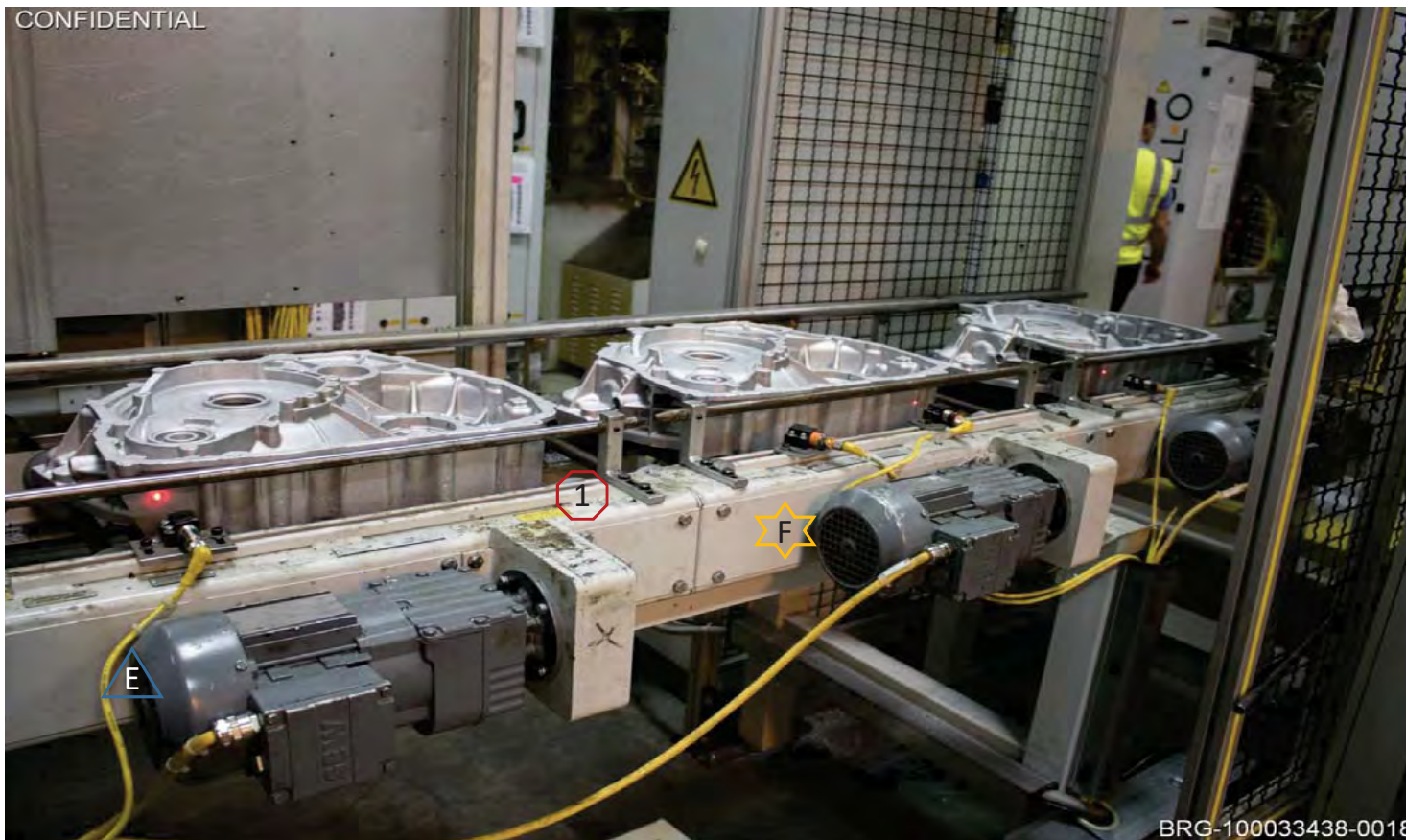
Picture 100033438-1 - Asset Diagram

Asset Components

- 1 Powered Roller Conveyor
- 2 Overhead Gantry Transfer Sections (3 access points to machine tools)
- 3 Rotary Table (1 at each corner)
- 4 HMI Control Panel



BRG-100033438-0004



Picture 100033438-2 - Roller Conveyor



The roller conveyor is assembled from two to three foot sections connected together with bolts. Each module includes a gearmotor drive.



Electrical power and data are fed to the conveyor sections through wiring in cable trays attached to the conveyor frame.



Powered Roller Conveyor



Picture 100033438-3 - Roller Conveyor

B

The support legs of the roller conveyor sections are attached to the building floor with lag bolts.

1

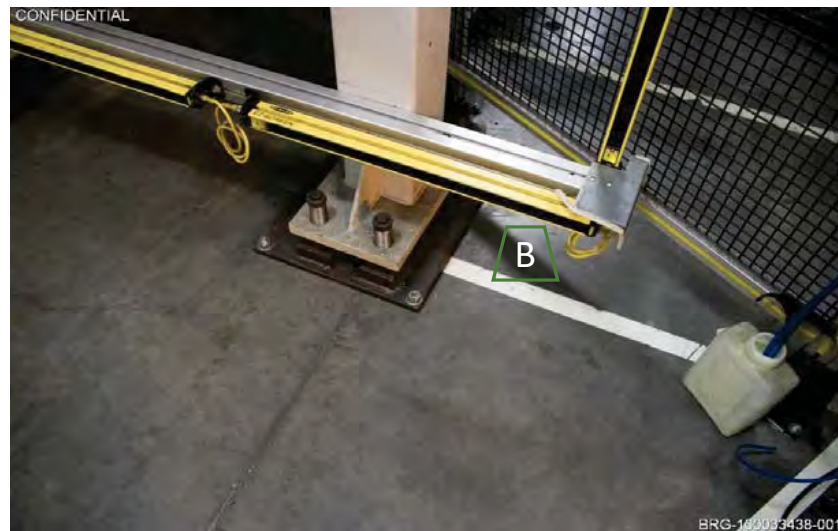
Powered Roller Conveyor



Picture 100033438-4 - Enlargement of Support Attachment



Picture 100033438-5 - Overhead Gantry Transfer Section



Picture 100033438-6 - Overhead Gantry Transfer Section

Connection and Attachment



Overhead transfer bridges move workpieces across gaps in the conveyor that provide access to machining centers inside the work cell.



The underhung carriage rolls across the bridge track and can easily be removed from either end of the track.



The overhead gantry transfer sections are attached to the floor with lag bolts.



Overhead Gantry Transfer Sections (3 access points to machine tools)



Picture 100033438-7 - HMI Control Panel



Eye-bolts mounted on top of the HMI control cabinet serve as lift points.



HMI Control Panel

ELPO Process Waste Lines
Asset ID 100037892 (Representative Asset No. 4)

GM Assembly Lansing Delta Township

Description of Asset

Description	ELPO Process Waste Lines
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100037892 consists of process waste trenches, piping, and pumps from the electrophoretic deposition coating line (the "ELPO Process Waste Lines") at GM's Lansing Delta Township assembly plant. The ELPO Process Waste Lines are used to transport liquid waste from the ELPO process to the waste treatment facility. The ELPO Process Waste Lines consist of two trenches, a sump pit, two pumps, and piping. A significant portion of the ELPO Process Waste Lines – the trenches and sump pit - are physically integrated into the building floor and foundation system such that they would not remain intact if removed from the building. In addition, removing the trenches and sump pit would significantly impair the realty, leaving open, unlined holes in the floor of the building. While the pumps could be removed and used elsewhere, they are estimated to comprise less than 10% of the original cost of the asset.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	Yes
Permanent Annexation Intended	Yes

Concluded Classification

Fixture

Physical Attachment & Classification Considerations

Primary Method of Attachment: Built on grade, integrated into the building floor

1. Pads/Foundations/Piers/Pits ----->	Trenches and pits	6. Asset Design/Construction Type ----->	Permanent construction
2. Piping/Ductwork Connections ----->	Yes	7. Asset Typically Sold with Land and Building ----->	Yes
3. Wiring/Electrical Connections ----->	Yes	8. Damage to Realty from Removal----->	Yes
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	Yes
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	No
		12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [a]

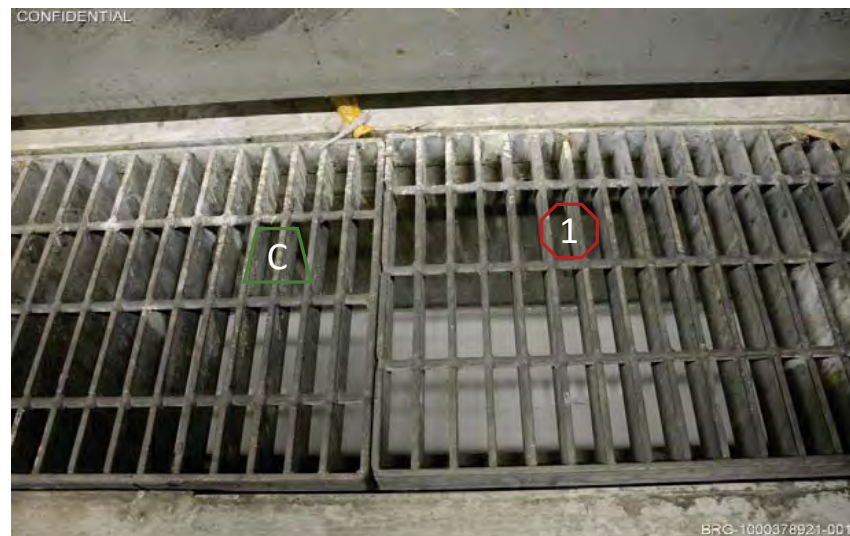
Asset ID	100037892
Asset Description	PAINT BLDG LINES - PROCESS WASTE ELPO
Category	BLDG/ENCLOSURES OTHER
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	OUTSIDE-LAND,BDLG&IMP,ETC
In Service Date	4/12/2006
Total Installed Cost	\$935,780
Depreciable Life (Accounting)	40 YRS
Property Tax Classification [b]	REAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100037892-1 - Trench Example



Picture 100037892-2 - Trench Example (Zoom in)

Asset Components and Attachment

1

Trench

C

The trench is constructed of concrete and is embedded in the building floor/foundation.



Picture 100037892-3 - Sump Pit

C

The sump pit is constructed of concrete which is embedded in the building floor/foundation.

2

Sump Pit



Picture 100037892-4 - Asset Components

- 2 Sump Pit
- 3 Pumps
- 4 Process Waste Piping

Picture 100037892-4 - Pit, Pumps, and Piping



Picture 100037892-5 - Pumps

B

The pumps are mounted on a steel skid which is in turn attached to the floor with concrete lag bolts.

E

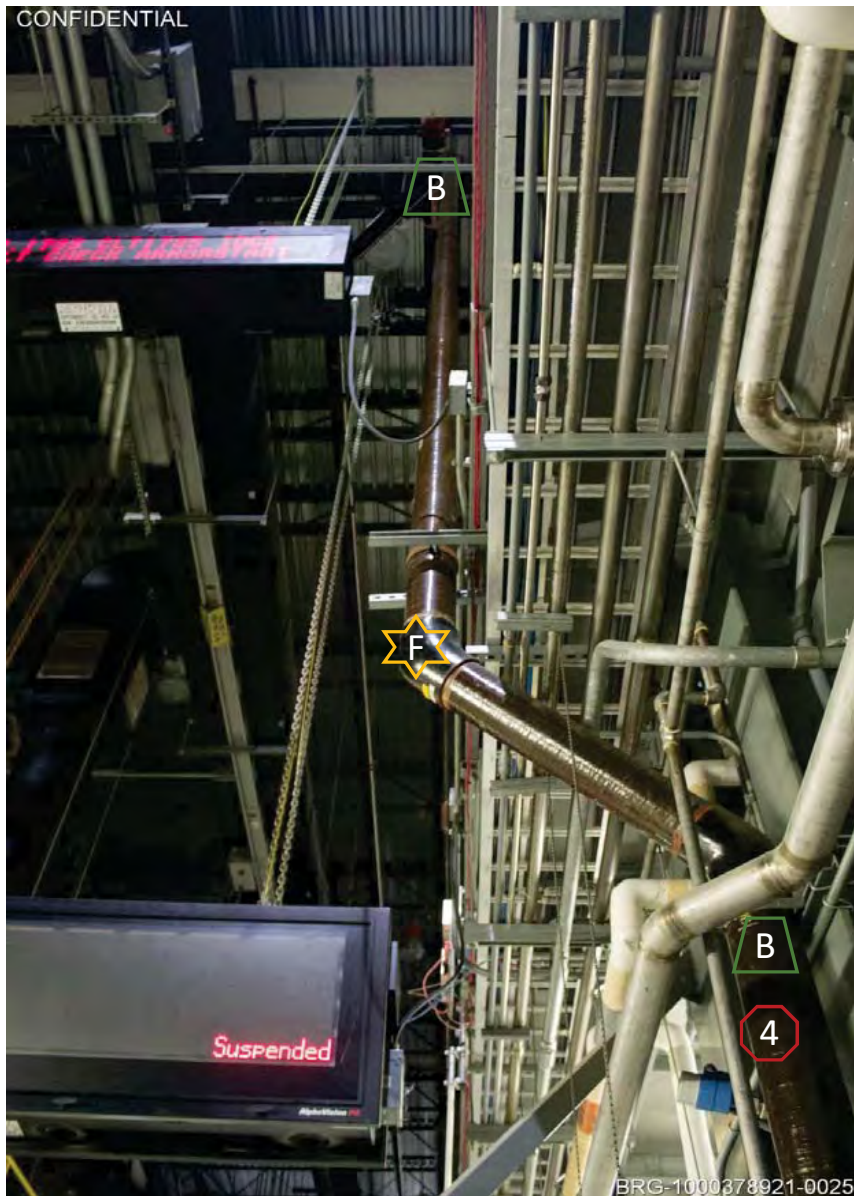
Electrical power is fed to the pumps through metal conduit.

F

The pumps are mounted on a steel skid.

3

Pumps



Picture 100037892-6 - Pipe (Building Interior)



Picture 100037892-7 - Pipe (Building Exterior)

Asset Components and Attachment



Sections of PVC pipe are joined to each other using a pipe adhesive.



The pipe is attached to structural steel columns and beams in the ceiling with bolted pipe hangers.



Process Waste Piping

Paint Mix and Circulation Electrical System
Asset ID 100037940 (Representative Asset No. 5)

GM Assembly Lansing Delta Township

Description of Asset

Description	Paint Mix and Circulation Electrical System
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100037940 consists of certain electrical distribution and control cabinets used to support the paint mixing and circulation equipment (the "Paint Mix and Circulation Electrical System") at GM's Lansing Delta Township assembly plant, primarily within the lower level of the paint building. The Paint Mix and Circulation Electrical System provides electrical power for paint process equipment only and does not support assets that are related to the infrastructure of the building. The scope of the Paint Mix and Circulation Electrical System was defined by New Gm personnel during our site inspection to include two motor control center ("MCC") cabinets and two control cabinets. Aside from resting on the raised foundation and several bolts to stabilize the equipment, the subject asset is not affixed to the realty in a way that would deem it essential for the intended use of the real estate. The MCC and control cabinets are easily movable by design and are often bought and sold on the secondhand market.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	Concrete pad under cabinets (4")	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100037940
Asset Description	PAINT MIX & CIRCULATION - ELECTRICAL
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT PAINT SHOP
In Service Date	11/14/2006
Total Installed Cost	\$1,899,672
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from New Gm000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100037940-1 - Asset Components

1

Motor Control Center Cabinets with switches

2

Control Cabinet



Picture 100037940-2 - MCC Cabinet (Electrical Connection)



Incoming electrical power is fed to the MCC cabinet through cable in conduit.



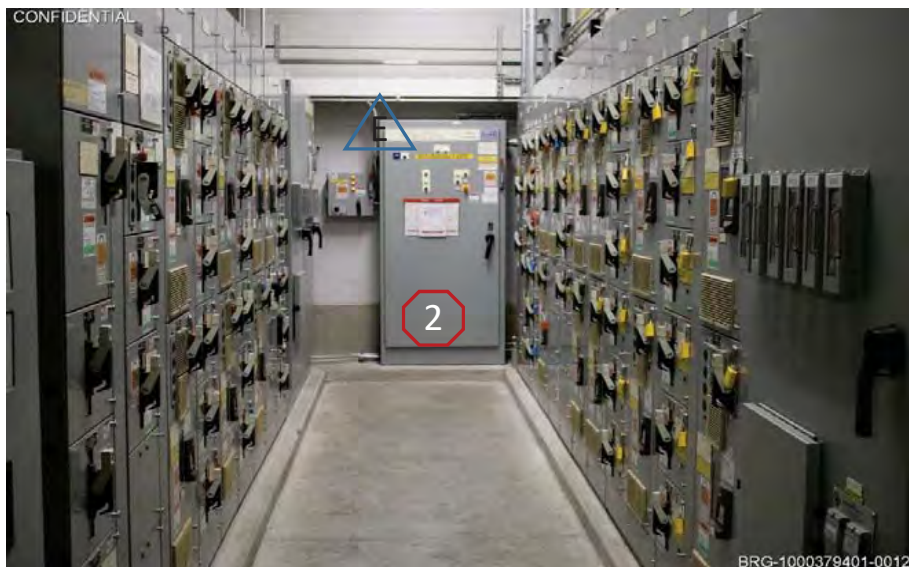
Motor Control Center Cabinets with switches



Picture 100037940-3 - MCC Cabinet (Attachment)



The MCC cabinets are resting on a 4 inch concrete pad without further methods of attachment.



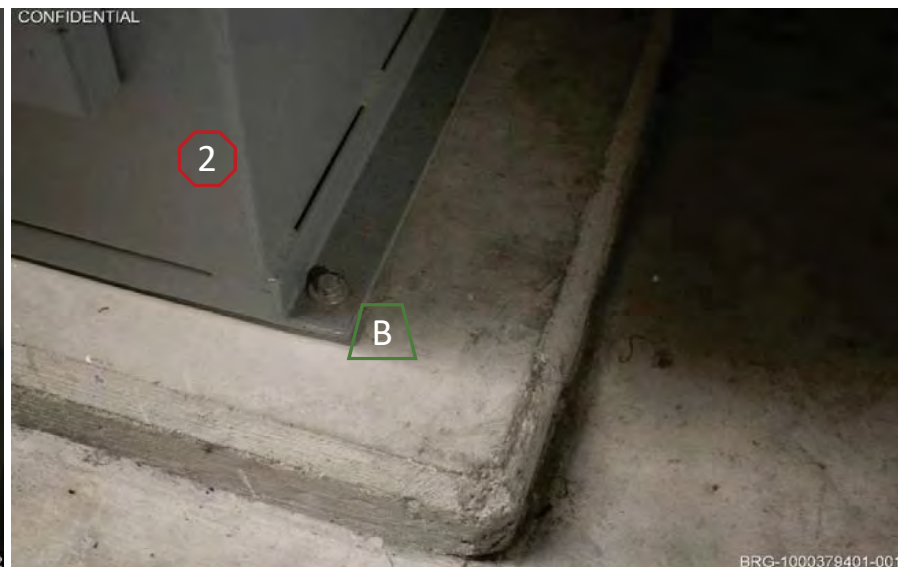
Picture 100037940-4 - Control Cabinet

E

Electrical power is fed to the control cabinet through wire in conduit.

2

Control Cabinet



Picture 100037940-5 - Control Cabinet

B

The control cabinet is attached to a 4 inch concrete pad with lag bolts.

ELPO IMC System

Asset ID 100037954 (Representative Asset No. 6)

GM Assembly Lansing Delta Township

Description of Asset

Description	ELPO IMC System
Manufacturer	Durr/Acco
Model	N/A
Serial Number	CPL006

Asset ID 100037954 consists of the inverted monorail conveyor ("IMC") system on the electrophoretic disposition coating line (the "ELPO IMC System"). The components of the ELPO IMC System include approximately 1500 feet of IMC track, load and unload stations, two main electric drives, and standalone control panels. The ELPO IMC System is manufactured by Dürr/ACCO and is used to transport the car body throughout the ELPO coating and drying process. The ELPO IMC System has a modular design that allows for reconfiguration of the conveyor to accommodate a variety of material transport scenarios. The majority of the subject asset is either secured to the building floor or incline/decline superstructure by lag bolts or simply resting on the supporting floor, allowing for removal of the asset without damage to the realty or asset itself.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No (ELPO infrastructure - separate asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100037954
Asset Description	PAINT DIP CONVEYOR - ELPO OVEN IMC
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT PAINT SHOP
In Service Date	11/14/2006
Total Installed Cost	\$1,107,185
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

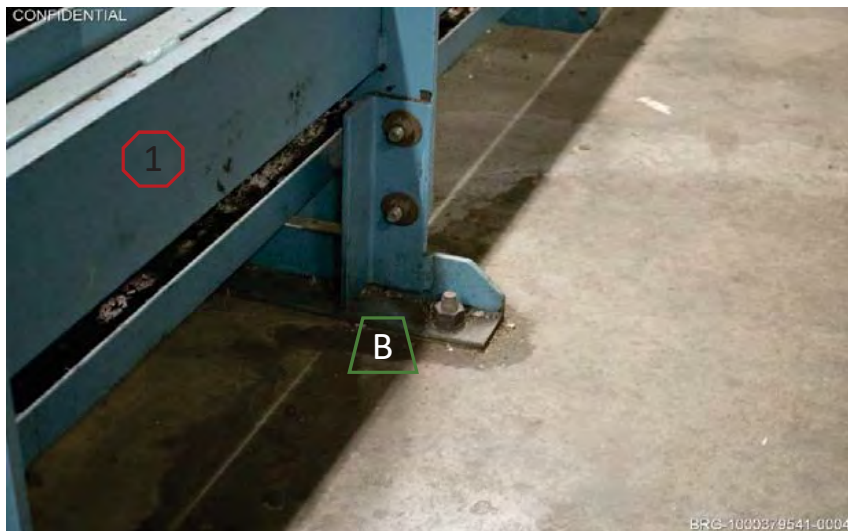
[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100037954-1 - ELPO IMC System

1 Inverted Monorail Conveyor ("IMC") track

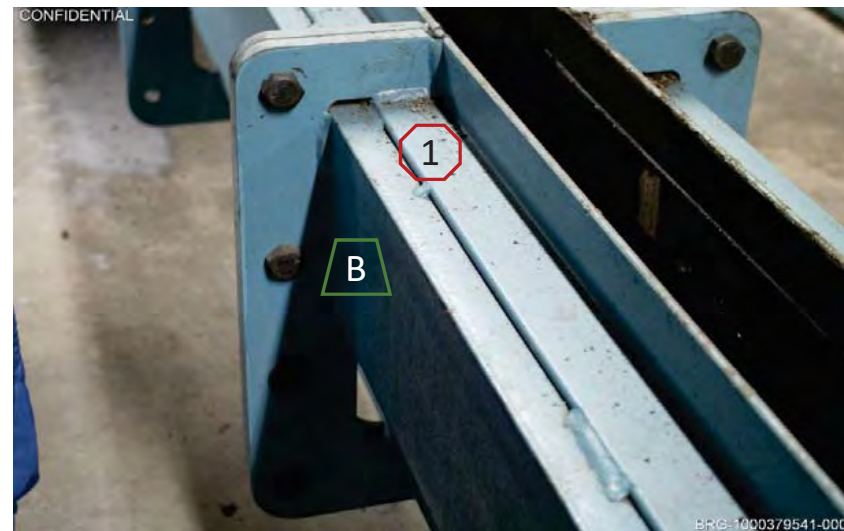
2 Electric Drive



Picture 100037954-2 - IMC (Attachment)

B The angle iron legs of the IMC are attached to the building floor with lag bolts.

1 Inverted Monorail Conveyor ("IMC") track



Picture 100037954-8 - Wiring

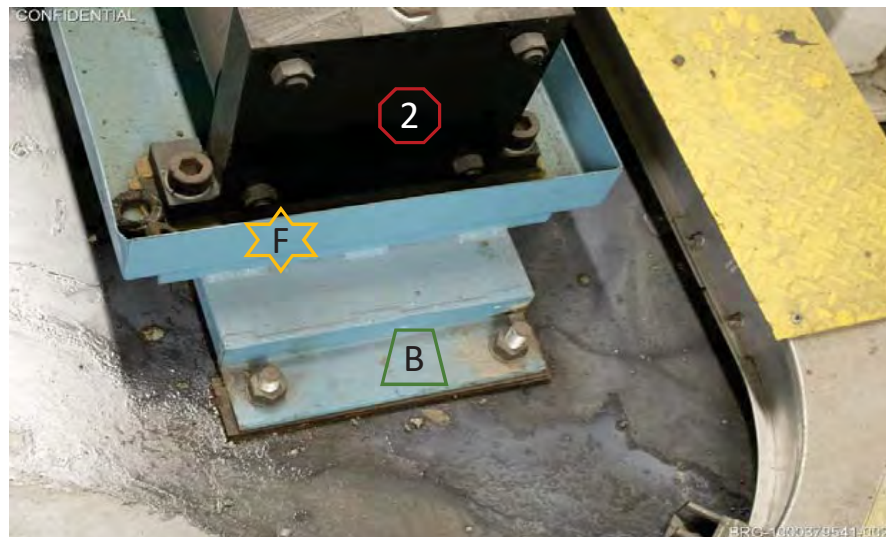
B The individual track sections of the IMC are connected using eight nut and bolt fasteners.

1 Inverted Monorail Conveyor ("IMC") track






Picture 100037954-4 - Electric Drive

 Electric Drive



Picture 100037954-8 - Wiring

-  The electric drive is attached to the building floor with lag bolts.
-  The electric drive is mounted on a steel skid.
-  Electric Drive



Picture 100037954-6 - Loading Station

3

Loading Station

4

HMI Control Panel

B1

The loading station is attached to the building floor with lag bolts.

B2

The HMI control panel is attached to the building floor with lag bolts.







Picture 100037954-7 - Main Control Panel



Picture 100037954-8 - Wiring

Asset Components

-  Main Control Panel, with power distribution cabinet to the right.
-  The wiring attached to the main control panel uses quick disconnect fittings.
-  Electrical power and data are fed to the conveyor through loose wiring contained in reconfigurable metal cable trays.
-  Eye-bolts mounted on the top of the main control panel and PDP serve as lift points.

TC Automation Software
Asset ID 100038004 (Representative Asset No. 7)

GM Assembly Lansing Delta Township

Description of Asset

Description	TC Automation Software
Manufacturer	Durr/Behr
Model	N/A
Serial Number	N/A

Asset ID 100038004 is a software package for automation of certain top coat paint process equipment (the "TC Automation Software") in use at the Lansing Delta Township assembly plant. The TC Automation Software, developed by Durr Behr, integrates the top coat paint application equipment, primarily robots and paint applicators, into the overall paint shop automation system. GM has purchased the right or has a license to use this intangible asset. The software has no physical presence and is in no way physically affixed to anything. The software resides on a computer data storage system, and could be transferred to any other compatible computer device if needed.

Fixture Conclusions

Annexation to Realty	No
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: None

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	N/A
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	No	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	No
		12. Similar Assets Traded on the Secondary Market ----->	No

Fixed Asset Listing Information [a]

Asset ID	100038004
Asset Description	PAINT TC AUTOMATION SOFTWARE
Category	INFO SYS PC/SERVER/TEST
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT PAINT SHOP
In Service Date	11/14/2006
Total Installed Cost	\$200,000
Depreciable Life (Accounting)	3 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

Paint Mix Room

Asset ID 100038035 (Representative Asset No. 8)

GM Assembly Lansing Delta Township

Description of Asset

Description	Paint Mix Room
Manufacturer	Global Finishing Solutions
Model	N/A
Serial Number	N/A

Asset ID 100038035 consists of a small, self-contained paint mixing room (the "Paint Mix Room") located at GM's Lansing Delta Township assembly plant within the general assembly area. The Paint Mix Room is manufactured by Global Finishing Solutions and is used as a vented enclosure to mix small quantities of paint for minor paint repairs to vehicles at the end of the final assembly line. The asset is constructed from modular single skin panels utilizing nut and bolt fasteners and is attached to the building floor with lag bolts.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & water piping, fume duct	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100038035
Asset Description	GA EOL PAINT SPOT REPROCESS SYS PAINT MIX ROOM
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT GENERAL ASSEMBLY
In Service Date	11/14/2006
Total Installed Cost	\$815,150
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

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Picture 100038035-1 - Paint Mix Enclosure

1

Paint Mix Enclosure

A

Ventilation ducting is attached to the top of the paint mix enclosure.

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Picture 100038035-2 - Connection to Utilities



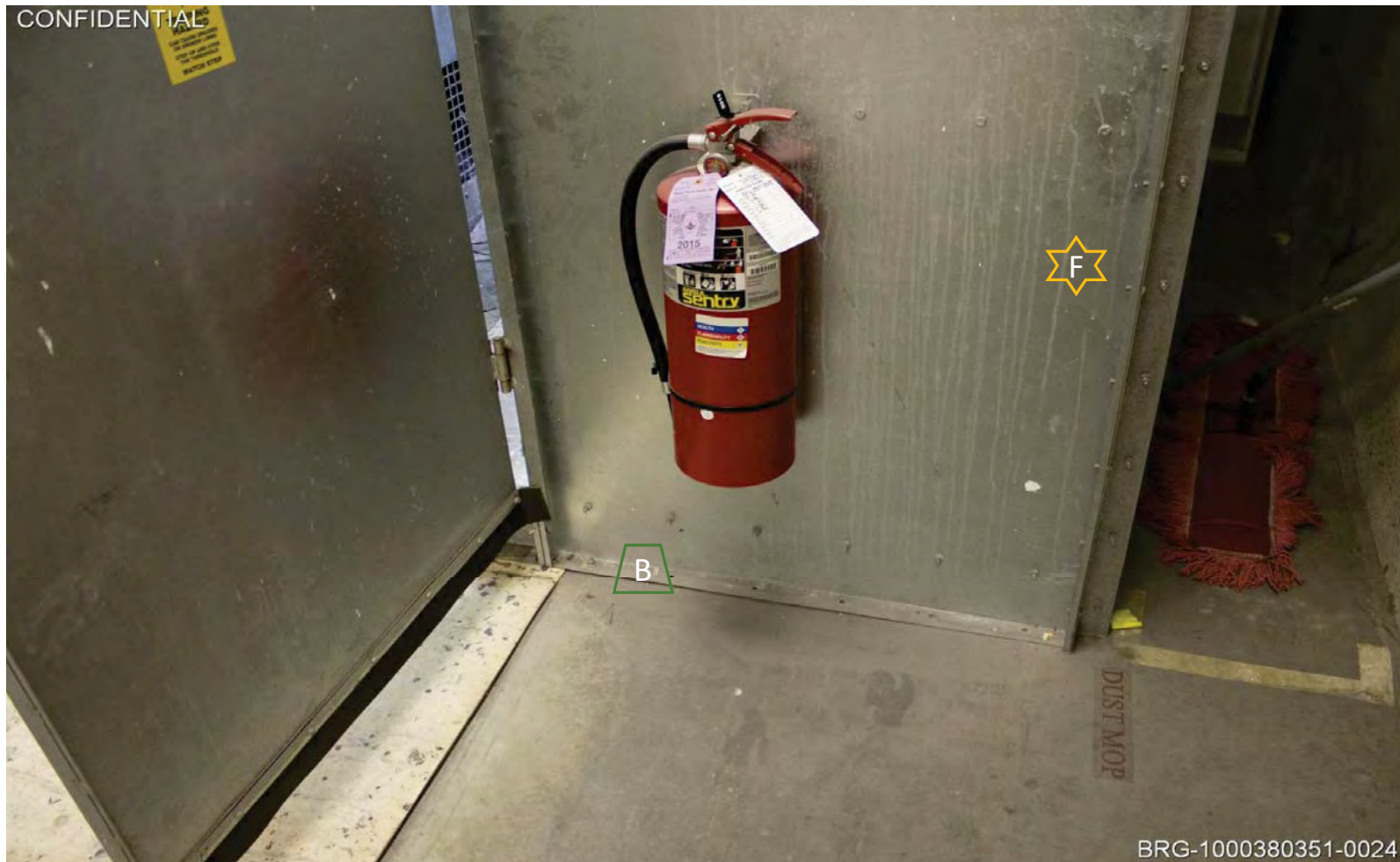
Compressed Air Piping



Electrical Conduit



Water piping for fire suppression



Picture 100038035-3 - Attachment and Construction



The paint mix enclosure is attached to the building floor with lag bolts.



The paint mix enclosure is constructed of galvanized steel panels which are joined with nut and bolt fasteners.

Paint TC2 CC Bell Zone

Asset ID 100038119 (Representative Asset No. 9)

GM Assembly Lansing Delta Township

Description of Asset

Description	Paint TC2 CC Bell Zone
Manufacturer	Durr/Behr
Model	N/A
Serial Number	N/A

Asset ID 100038119 consists of coating application equipment for the second top coat paint process line (the "Paint TC2 CC Bell Zone"). The components of the Paint TC2 CC Bell Zone consist of 10 side application machines and one overhead application machine. The side and top application machines are installed through the booth walls, so that controls on the back of the machine and components inside the machine body (high voltage power supply, axis drives, paint lines, and air lines) can be accessed without entering the spray booth while paint operations are in progress. The side and top application machines are not permanently attached to the spray booth walls; they are secured to the building floor by four lag bolts. The Paint TC2 CC Bell Zone components have been attached to the building in a manner that the equipment can be easily upgraded as paint application technology advances.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100038119
Asset Description	PAINT TC2 CC BELL ZONE
Category	ROBOTS/SIMILAR DEVICES
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT PAINT SHOP
In Service Date	11/14/2006
Total Installed Cost	\$2,805,703
Depreciable Life (Accounting)	8 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100038119-1 - Paint TC2 CC Bell Zone

1

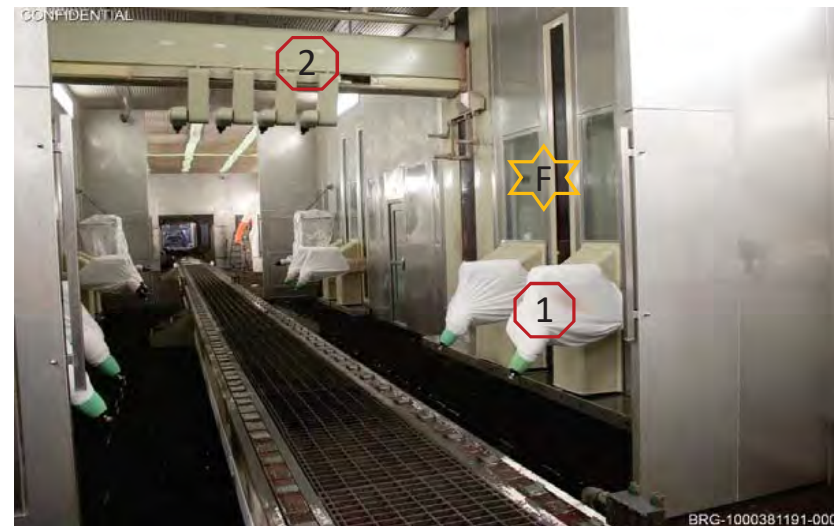
Side Application Machines

2

Top Application Machine



Picture 100038119-2 - Applicators (Booth Exterior)



Picture 100038119-3 - Applicators (Booth Interior)



The side application machines are installed through the booth walls. A flexible gasket/seal covered with a metal panel fits between the spray booth wall and the machine to prevent leakage of air from the booth.



Side Application Machines



Top Application Machine



Picture 100038119-4 - Top Application Machine



Picture 100038119-5 - Side Application Machine

Components/Connection and Attachment

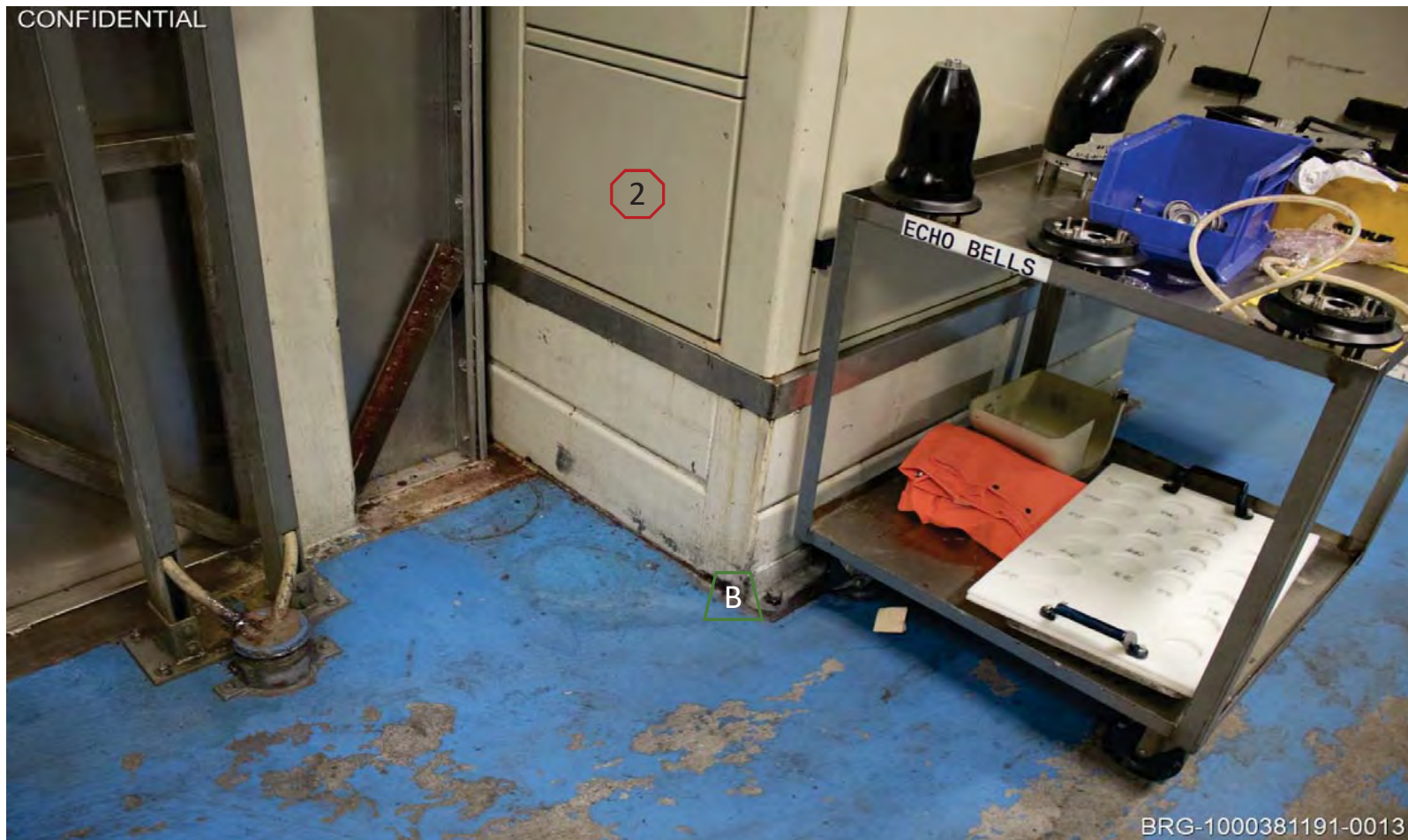
B The side application machines are secured to the building floor with concrete lag bolts.

1 Side Application Machine

Components/Connection and Attachment

E The data and control wiring is fed to the side application machines through loose wiring and is equipped with quick disconnect fittings for easy separation.

2 Top Application Machine



Picture 100038119-6 - Top Application Machine

B

The top application machine is attached to the building floor with lag bolts.

2

Top Application Machine

OptiCell Measuring System
Asset ID 100041920 (Representative Asset No. 10)

GM MFD Lansing Regional Stamping

Description of Asset

Description	OptiCell Measuring System
Manufacturer	Cognitens
Model	1213-1
Serial Number	N/A

Asset ID 100041920 consists of a robotic three-dimensional ("3-D") white light scanner measuring system (the "OptiCell Measuring System"). The components of the OptiCell measuring system include a six-axis robot mounted on a slide system (the seventh axis) and outfitted with an end-of-arm mounted 3-D white light scanner, a control system, and a hydraulic lift to move checking fixtures into place. The OptiCell measuring system is located at GM's Lansing Regional Stamping facility where it is used to check the accuracy of stamped metal panels for quality assurance purposes. The various components of the asset utilize methods of attachment such as nut and bolt fasteners, quick disconnect cable fittings, and flexible loose wiring in cable trays that allow for simple installation, removal, and relocation.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

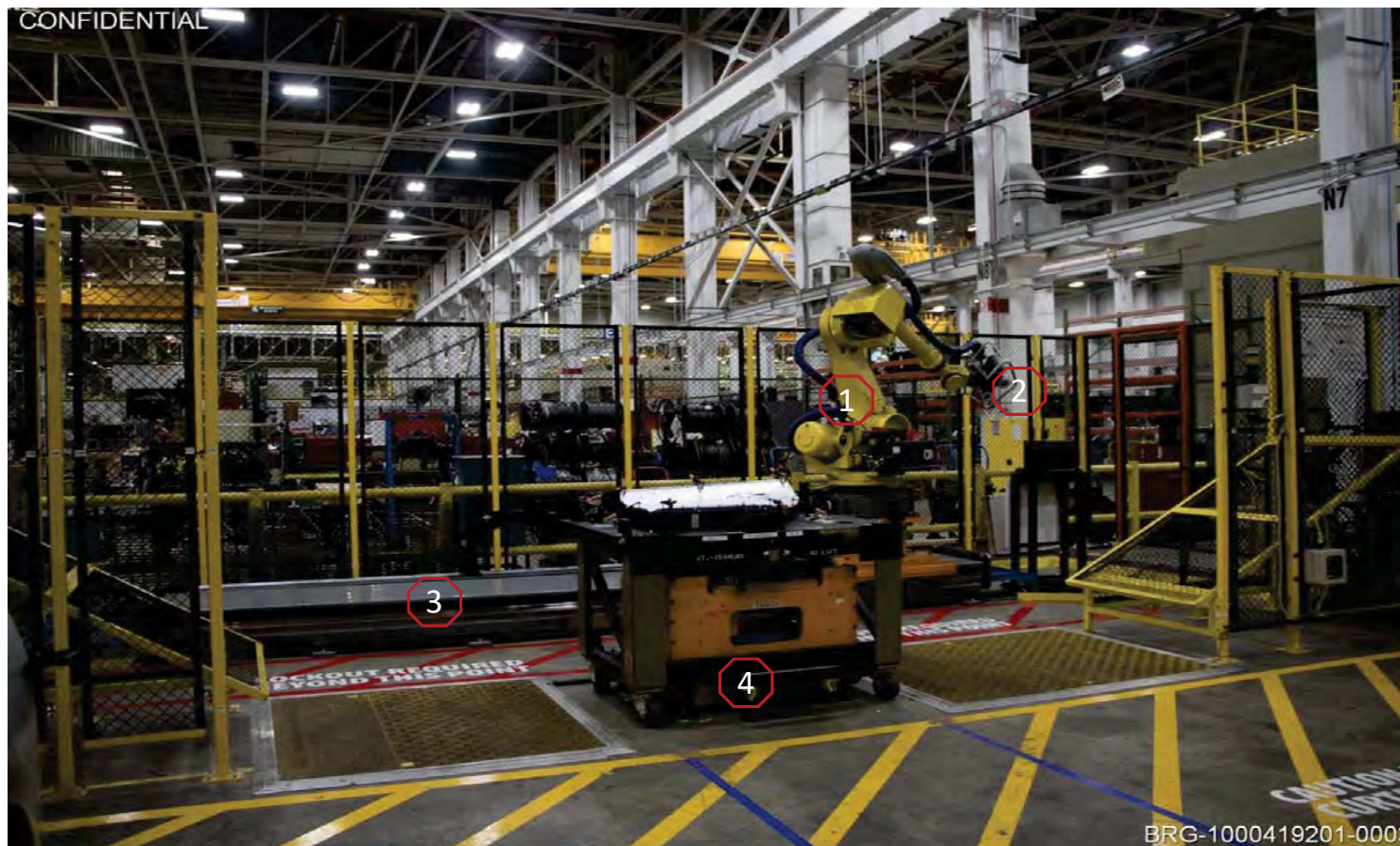
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100041920
Asset Description	OPTICELL - ROBOTIC MEASUREMENT SYSTEM
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM MFD LANSING REGIONAL STAMPING
Operation Description	METAL STAMPING
In Service Date	3/15/2006
Total Installed Cost	\$630,726
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100041920-1 - Asset Components

1

Robot

3

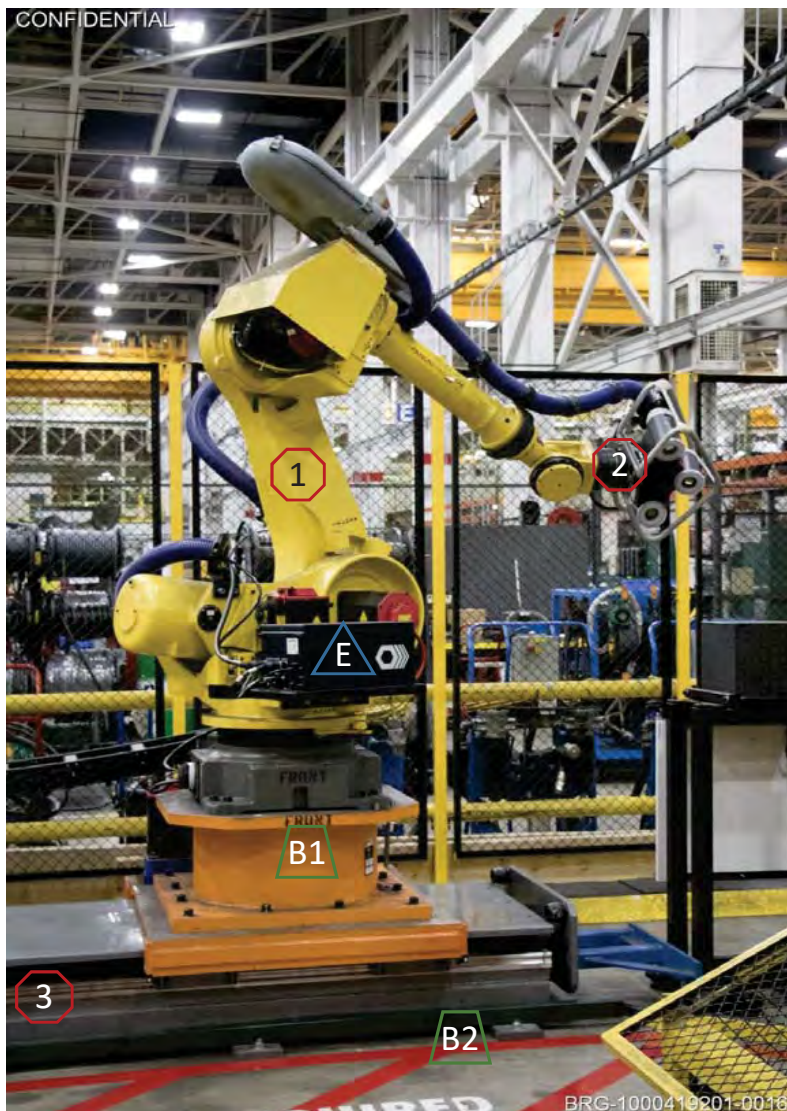
Slide System

2

White Light Scanner head

4

Hydraulic Lift with cart mounted



Picture 100041920-2 - OptiCell Measuring System

B1

The robot is bolted to a pedestal which is in turn secured to a trolley with allen bolts.

B2

The slide system is attached to the floor with lag bolts.

E

Certain wiring utilizes quick disconnect fittings.

1

Robot

2

White Light Scanner head

3

Slide System



Picture 100041920-3 - Control

5

System control cabinet

B

The control cabinet is attached to the floor with concrete lag bolts.

E1

Incoming electrical power is supplied to the control from an overhead bus duct via metal conduit.

E2

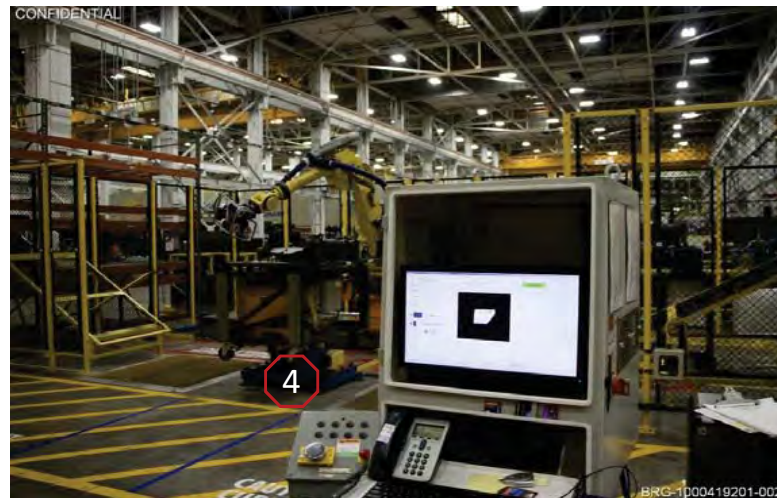
Electrical power and data are fed to the robot, slide system, and hydraulic lift through flexible cabling. The cabling utilizes quick disconnect fittings where attached to the controller.

F

Eye bolts mounted on top of the control act as lift points.



Picture 100041920-4 - Hydraulic Lift



Picture 100041920-5 - Hydraulic Lift

B

The hydraulic lift is attached to the floor with 4 lag bolts.

4

Hydraulic Lift with cart mounted

Central Utilities Complex
Asset ID 100045909 (Representative Asset No. 11)
GM Assembly Lansing Delta Township

Description of Asset

Description	Central Utilities Complex
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100045909 consists of a central utilities complex (the "Central Utilities Complex" or "CUC"). The Central Utilities Complex is comprised of multiple assets that provide utilities to GM's Lansing Delta Township assembly plant. The Central Utilities Complex consists of a single story building, adjacent to the paint building, as well as the utilities assets inside the building, including piping for various fluids and compressed air, various pumps, electrical power distribution equipment, air handling units, air compressors, a chilled water system, a hot water system, a water treatment system, and a waste water treatment system. Due to the multitude of diverse assets within the CUC, there are components of the CUC which are fixtures and components which are not fixtures.

Fixture Conclusions

Annexation to Realty	No & Yes
Adapted to Use or Purpose of Realty	No & Yes
Permanent Annexation Intended	No & Yes

Concluded Classification **Partially a Fixture / Partially Real Property / Partially Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Various - See Report Section IV

1. Pads/Foundations/Piers/Pits ----->	Various - See Report Section IV	6. Asset Design/Construction Type ----->	Permanent and reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes	7. Asset Typically Sold with Land and Building ----->	Depends on component
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	Depends on component
4. Separate Control Panel/Operator Stand ----->	Depends on component	9. Damage to Subject Asset from Removal----->	Depends on component
5. Catwalk/Platforms/Stairs/Railings ----->	Depends on component	10. Similar Assets Removed from GM Facilities ----->	Depends on component
		11. Similar Assets Relocated within GM for Reuse ----->	Depends on component
		12. Similar Assets Traded on the Secondary Market ----->	Depends on component

Fixed Asset Listing Information [a]

Asset ID	100045909
Asset Description	LANSING DELTA TOWNSHIP ASSEMBLY UTILITY SERVICES
Category	CAP LEASE M&E/BOOK
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	POWERHOUSE
In Service Date	4/2/2006
Total Installed Cost	\$73,997,467
Depreciable Life (Accounting)	15 YRS
Property Tax Classification [b]	REAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100045909-1 - CUC Building (Exterior)

1

CUC Building



Picture 100045909-2 - CUC Building (Exterior)

1

CUC Building



Picture 100045909-3 - CUC Building (Exterior)

- F1

The exterior walls of the CUC building are constructed using steel panels.
- F2

The CUC building rests upon a concrete slab foundation.
- 1

CUC Building



Picture 100045909-4 - CUC Building (Interior)

Asset Components

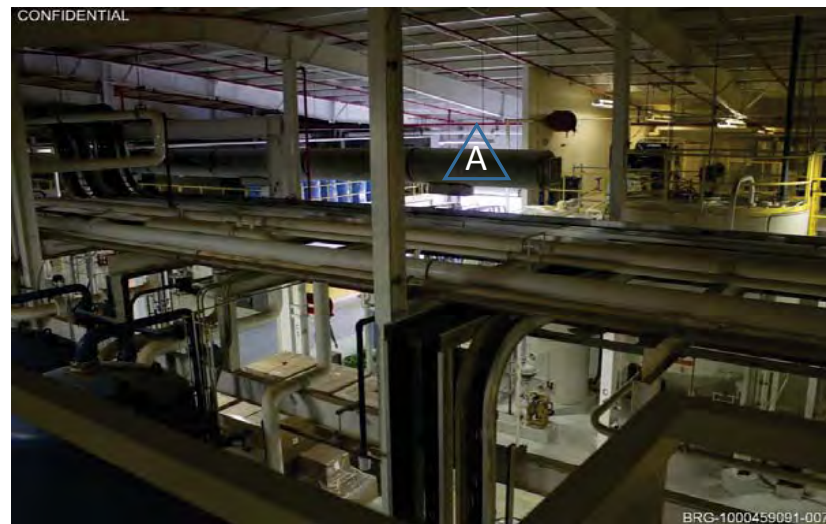
- F2

The CUC building rests upon a concrete slab foundation.
- W

The CUC building contains sprinkler systems for fire protection.



Picture 100045909-5 - CUC Building (Interior)



Picture 100045909-6 - CUC Building (Interior)



The CUC building contains heating and ventilation systems.



The CUC building is constructed with a steel roof.



The CUC building contains general lighting for the interior area.



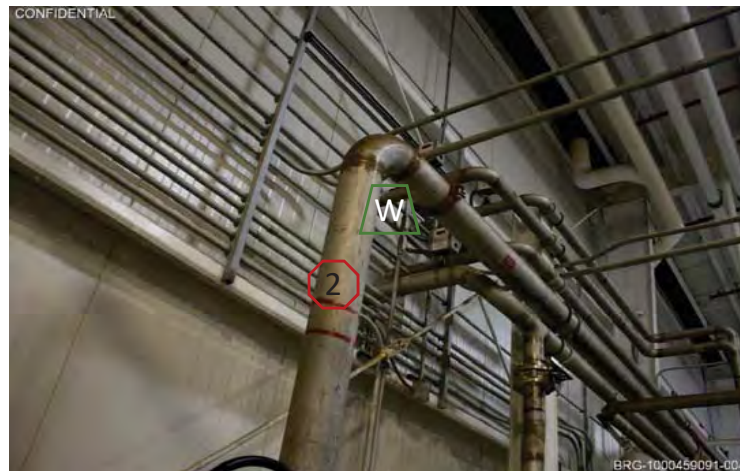
Picture 100045909-7 - CUC Piping

2

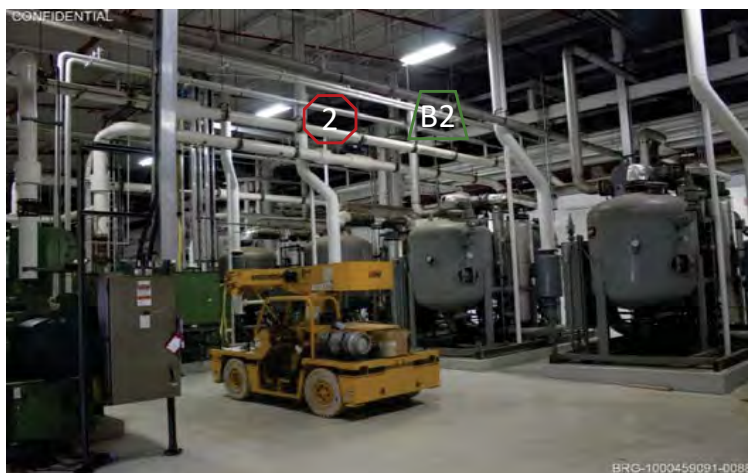
CUC Piping



Picture 100045909-8 - CUC Piping from Boilers



Picture 100045909-10 - CUC Piping



Picture 100045909-9 - CUC Piping from Tanks



The CUC piping includes all intermediate valves, gauges, and electronic metering connected to the piping.



Bolted flange connections are primarily used where piping is attached to the assets within the CUC.



The piping is generally attached to the realty with bolted pipe hangers which are suspended from beams in the ceiling or building walls using a system of bolts and clips



The various joints between the individual sections of CUC piping are primarily welded.



CUC Piping



Picture 100045909-11 - CUC Pumps

3 CUC Pumps

B The CUC pumps are attached to a concrete pad with lag bolts.

E

Electrical power is fed to the pumps by flexible cabling or metal conduit.

F1

Certain pumps have a top mounted eye-bolt which serves as a lift point for the unit.

F2

The pumps are mounted on a steel skid. A thin layer of grout is applied around the skid to prevent liquid accumulation under the skid.



Picture 100045909-12 - Electrical Power Distribution



Electrical Power Distribution



Electrical power is transmitted through wire in rigid metal conduit.



Electrical power is transmitted through loose cabling contained in reconfigurable metal cable trays.



Motor control cabinets, switchgear, and circuit breakers are resting on the building floor.



Motor control cabinets, switchgear, and circuit breakers are typically self-contained and designed to enable movement after disconnection from utilities and the reality.



Connection and Attachment



Electrical power is transmitted to assets within the CUC through loose cabling contained in reconfigurable metal cable trays.



The cable trays carrying the loose wiring are attached to beams in the building with bolted attachments.

Picture 100045909-13 - Electrical Power Distribution (Wiring)



Picture 100045909-14 - Compressed Air System

5.1

Air Compressor



Picture 100045909-15 - Compressed Air System

5.2

Air Dryer



Picture 100045909-16 - Air Compressor

B1

The air compressor is attached to a 4 inch concrete pad with lag bolts.

B2

The electrical control cabinet associated with the air compressor is attached to the building floor with lag bolts.

5.1

Air Compressor

E

Electrical power and control wiring are delivered to the air compressor through flexible conduit.

F

The air compressor is mounted on a steel skid with lift points at each corner of the skid.



Picture 100045909-17 - Air Dryer



Electrical power is delivered to the air dryer through wire in rigid conduit.



The air dryer is mounted on a steel skid with lift points at each corner of the skid.



Air Dryer



Picture 100045909-18 - Chilled Water System



Picture 100045909-20 - Chilled Water System



Picture 100045909-19 - Chilled Water System

Asset Components

- 6.1 Centrifugal Chillers
- 6.2 Cooling Tower (Not Pictured)
- 6.3 Chilled Water Tank (Not Pictured)



Picture 100045909-21 - Chillers



The chillers rest upon a 4 inch concrete pad without further attachment.



There are several lift points located on the chillers.



Centrifugal Chillers



Picture 100045909-22 - Hot Water Boilers

7

CUC Boilers

F2

There are several lift points attached to each boiler.

F1

The CUC boilers are mounted on steel skids that rest on 4 inch concrete pads without further attachment.



Picture 100045909-23 - Water Treatment System



Picture 100045909-25 - Water Treatment System



Picture 100045909-24 - Water Treatment System

Asset Components

- 8.1 Reverse Osmosis Units
- 8.2 Control Panel
- 8.3 Water Softening System
- 8.4 Water Holding Tanks



Picture 100045909-26 - Water Treatment System (Reverse Osmosis Units)



The reverse osmosis units are attached to a 4 inch concrete pad with lag bolts.



The reverse osmosis units are mounted on a self-contained steel skid system.



Electrical power and data cabling are fed to the reverse osmosis units through flexible wiring contained in reconfigurable cable trays.



Reverse Osmosis Units



Picture 100045909-27 - Water Treatment System (Water Softening System)



Electrical power and control wiring are fed to the water softening system via wire in conduit.



The water softening system is mounted on a steel skid.



The water softening system is attached to a 4 inch pad with lag bolts.



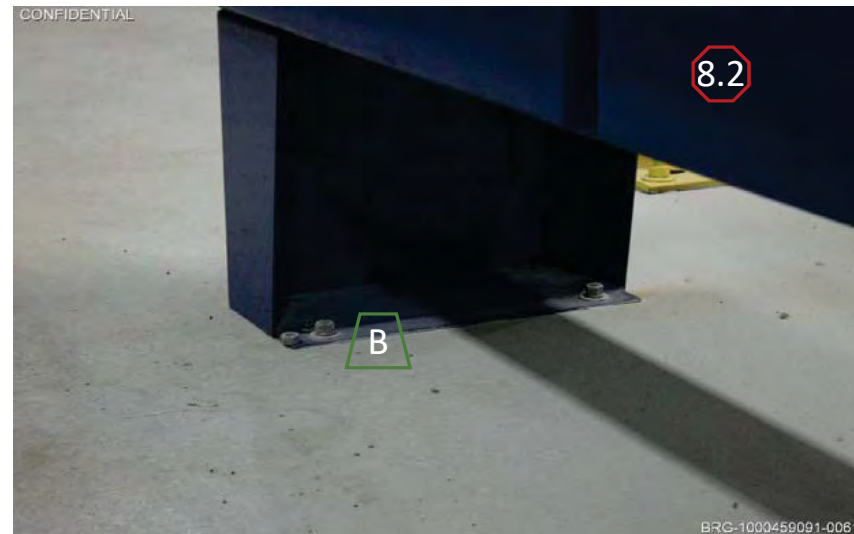
The water softening system has several lift points welded to the top of the asset.



Water Softening System



Picture 100045909-28 - Water Treatment System (Control Panel)



Picture 100045909-29 - Water Treatment System (Control Panel)

Connection and Attachment



Eye-bolts mounted on top of the control panel serve as lift points.



The control panel is attached to the building floor with lag bolts.



The control panel is attached to electrical and control wiring through both flexible cabling and wire in conduit



Control Panel



Picture 100045909-30 - Water Treatment System (Water Holding Tanks)



Each water holding tank is attached to a concrete pad with lag bolts.



Water Holding Tanks



The water holding tanks are constructed of fiberglass.



Picture 100045909-31 - Wastewater Treatment "WWT" (Filter Presses)

9.1

Filter Presses

E

Incoming electrical power is delivered to the filter presses through wire in rigid conduit.



Picture 100045909-32 - WWT (Filter Presses)

B

The filter presses are attached to the building with lag bolts.

9.1

Filter Presses



Picture 100045909-33 - WWT (Flocculation Tanks)

9.2

Flocculation Tanks

E

Electrical power is fed to the flocculation tanks through wire in conduit.

B

A small access platform is bolted to the top of each flocculation tank.

F

Lift points are welded to the top portion of each flocculation tank.



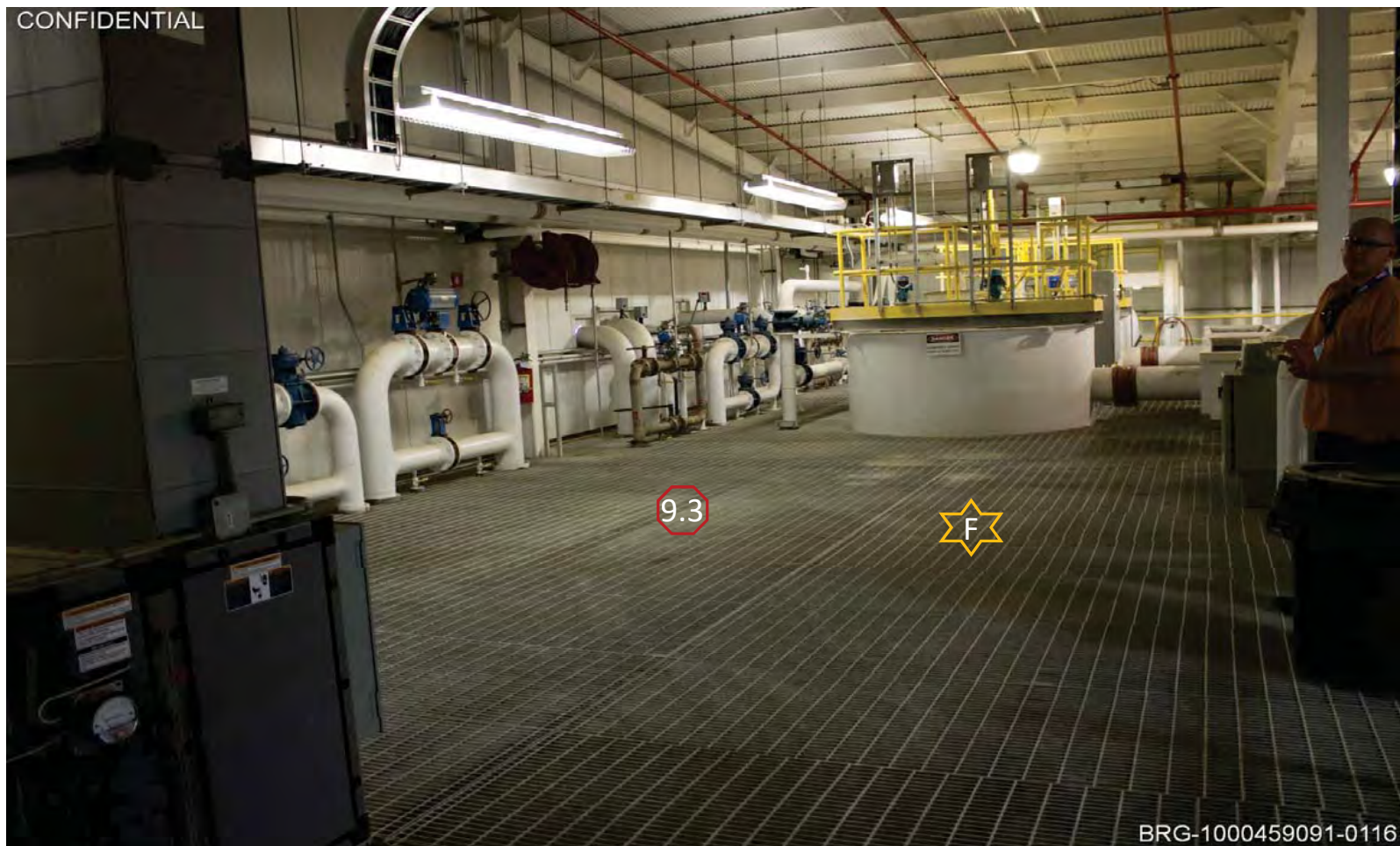
Picture 100045909-34 - WWT (Flocculation Tank Attachment)

B

Each flocculation tank is supported by four legs which are affixed to a 6 inch raised concrete footing with lag bolts.

9.2

Flocculation Tanks



Picture 100045909-35 - WWT (Mezzanine)

9.3

Mezzanine

F

The floor of the mezzanine is composed of grated steel decking.



Picture 100045909-36 - WWT (Mezzanine)

B1

The mezzanine is attached to 6 inch concrete footings with lag bolts.

9.3

Mezzanine

B2

The mezzanine structure is constructed out of steel beams which are connected with nut and bolt fasteners.



Picture 100045909-37 - WWT (Parallel Plate Clarifiers)

9.4

Parallel Plate Clarifiers

F

Each parallel plate clarifier has a set of two lift points welded to the top portion of the asset.



Picture 100045909-38 - WWT (Parallel Plate Clarifiers)

B

The parallel plate clarifiers are each affixed to 4 inch concrete footings with lag bolts.

9.4

Parallel Plate Clarifiers



Picture 100045909-39 - WWT (ELPO Waste Tanks)

9.5

Batch Wastewater Tank

9.6

ELPO Waste Tanks

F

Each ELPO waste tank has several lift points welded to the top portion of the tank.

B

An access platform is bolted to the top of the ELPO waste tanks.



Picture 100045909-40 - WWT (ELPO Waste Tank Attachment)



The ELPO waste tanks are attached to a 4 inch concrete pad with lag bolts.



ELPO Waste Tanks





Picture 100045909-41- WWT (Sludge Conditioning Tank)



Sludge Conditioning Tank



The sludge conditioning tank is mounted on 8 inch footings and is attached with lag bolts.



The sludge conditioning tank has lift points welded to the top of the tank.

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Asset Components

9.8

Sludge Holding Tank



BRG-1000459091-0075

Picture 100045909-42 - WWT (Sludge Holding Tank)

BS Framing Robot

Asset ID 100048169 (Representative Asset No. 12)

GM Assembly Lansing Delta Township

Description of Asset

Description	BS Framing Robot
Manufacturer	Fanuc Robotics
Model	R-2000IA/200R
Serial Number	F72017

Asset ID 100048169 consists of a robot mounted on an overhead platform straddling the outer body framing cell (the "BS Framing Robot"). The subject asset is located at GM's Lansing Delta Township assembly plant within the body shop building. The BS Framing Robot is one of a dozen robots used to apply spot welds to join together the various body panels being held in the fixtures of the framing station on the body assembly line below. The installation of the BS Framing Robot makes use of nut and bolt fasteners, flexible drop wiring, and quick disconnect utilities fittings that allow for easy removal and relocation.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to the mezzanine

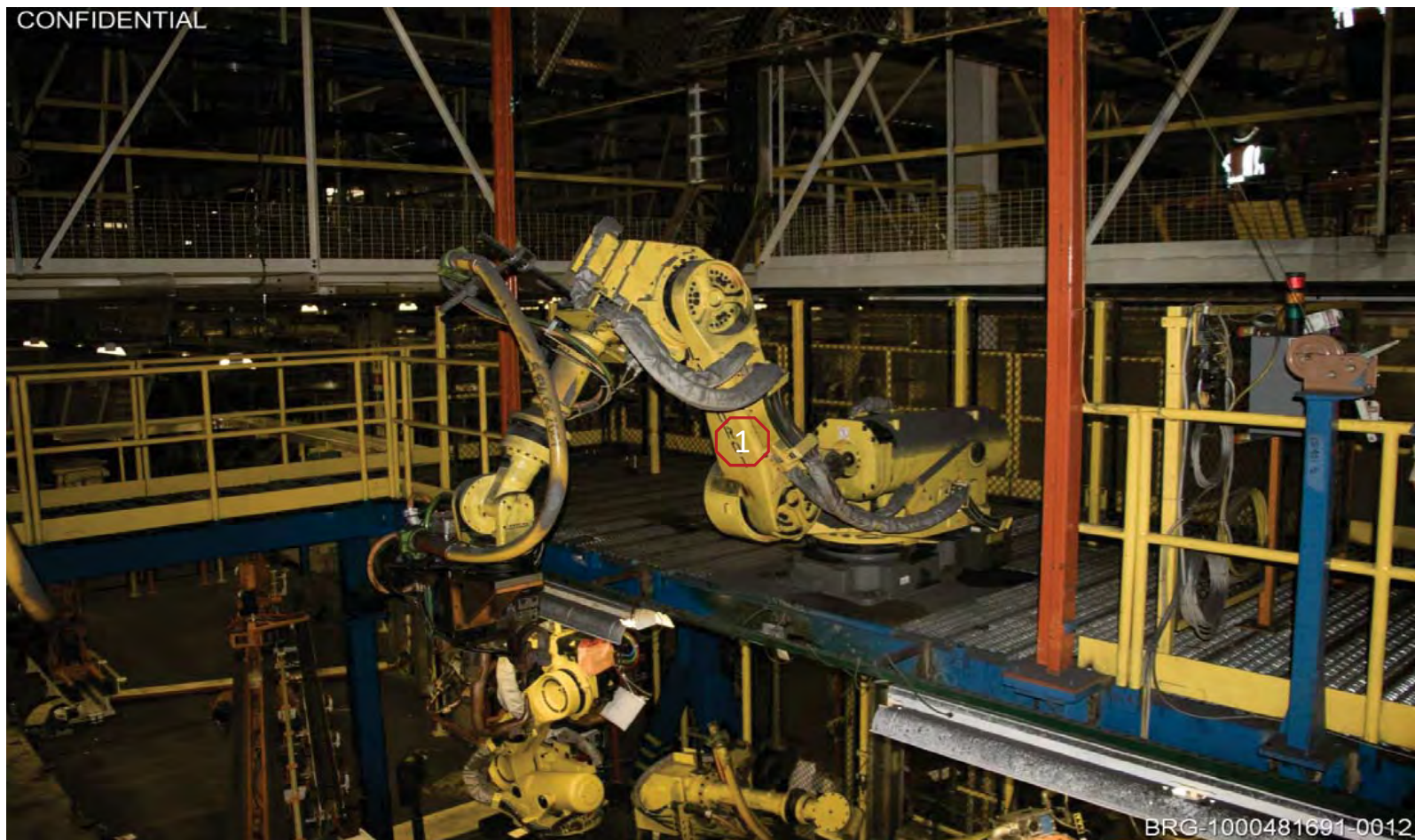
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air Piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100048169
Asset Description	BS ROBOT LAZN-150R1
Category	ROBOTS/SIMILAR DEVICES
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT BODY SHOP
In Service Date	11/14/2006
Total Installed Cost	\$27,526
Depreciable Life (Accounting)	8 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100048169-1 - Framing Robot

1

Framing Robot



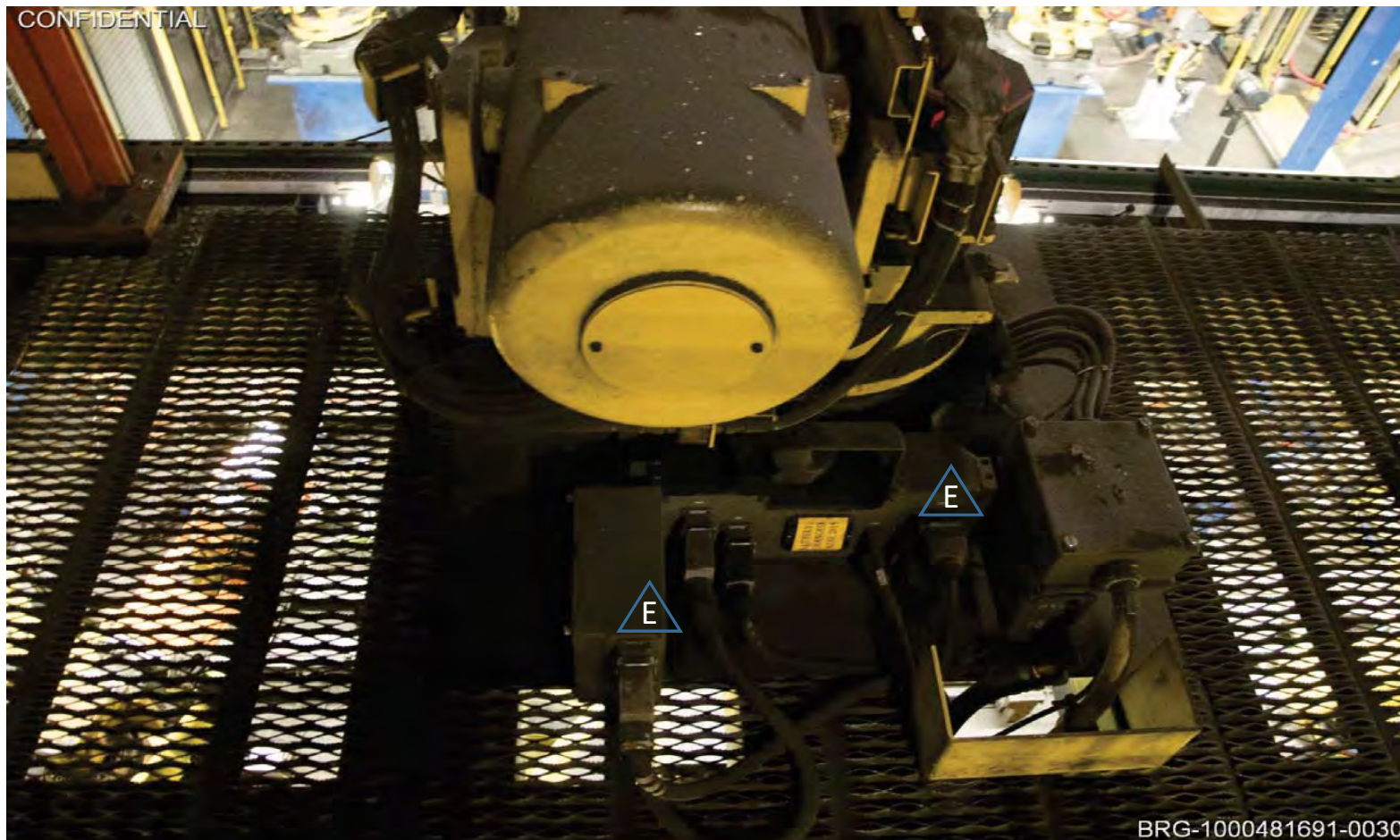
Picture 100048169-2 - Framing Robot

B

The framing robot is bolted to a riser, which is in turn bolted to a floor plate in the mezzanine.

1

Framing Robot



Picture 100048169-3 - Framing Robot



Electrical power and data are delivered to the framing robot through loose wiring and attached using quick disconnect fittings.



Picture 100048169-4 - Robot Controller

2

Robot Controller with weld controller attached to left side (weld controller is a separate asset)

F1

The robot controller is mounted on casters allowing it to be easily moved.

F2

The bottom frame of the robot controller is designed with forklift carrying tubes to aid in transporting the asset.

E

Incoming electrical power is supplied from an overhead bus duct via flexible cabling to the weld controller cabinet and then internally to the robot controller.

BS Weld Bus Duct
Asset ID 100050513 (Representative Asset No. 13)
GM Assembly Lansing Delta Township

Description of Asset

Description	BS Weld Bus Duct
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100050513 consists of the electric power distribution bus duct installed throughout the welding operations (the "BS Weld Bus Duct") within the body shop at GM's Lansing Delta Township assembly plant. Bus duct is used to efficiently distribute electrical power to process equipment such as the welders located at the Lansing Delta Township assembly plant. The BS Weld Bus Duct is a modular system that has been constructed using standard two to ten foot linear sections and various elbows, all using a single bolt connection point. The majority of the Weld Bus Duct is suspended from the building ceiling using simple nut and bolts fasteners connected to I-beam clamps.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Suspended from roof trusses

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No (if process related)
3. Wiring/Electrical Connections ----->	Yes - Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100050513
Asset Description	BS WELD BUS DUCTS
Category	POWER TRANS EQUIPMENT
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	OUTSIDE-LAND,BDLG&IMP,ETC
In Service Date	7/20/2006
Total Installed Cost	\$3,993,837
Depreciable Life (Accounting)	27 YRS
Property Tax Classification [b]	REAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100050513-1 - Weld Bus Duct



Weld Bus Duct



A single bolt connection point connects sections of weld Bus Duct.



The Weld Bus Duct is suspended from the ceiling using nut and bolt fasteners connected to I-beam clamps.



Picture 100050513-2 - Weld Bus Duct

B

The Weld Bus Duct is attached to the lower beam of a truss using a light steel framework attached with bolted beam clamps.



Picture 100050513-3 - Weld Bus Duct

B

The Weld Bus Duct is attached to roof trusses with bolted beam clamps. GM policy forbids welding or drilling of building structural members.

Leak Test System

Asset ID 100053677 (Representative Asset No. 14)

GM Powertrain Warren Transmission

Description of Asset

Description	Leak Test System
Manufacturer	Grob Systems Inc
Model	N/A
Serial Number	N/A

Asset ID 100053677 consists of a three-station leak test system (the "Leak Test System"). The components of the Leak Test System include three individual test stands with standalone fluid pump and delivery stations, control cabinets, and pallet transfer conveyors. The Leak Test System was manufactured by Grob Systems Inc. and is used to test for fluid leaks in transmission cases after they have been machined, deburred, and washed. The subject asset is located at GM's Warren Transmission facility within the second module of the prismatics area.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping & high pressure hose	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100053677
Asset Description	LEAK TEST BASE MACHINE QTY = 1
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	7/31/2007
Total Installed Cost	\$1,254,458
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

- ## 2 Control Cabinets



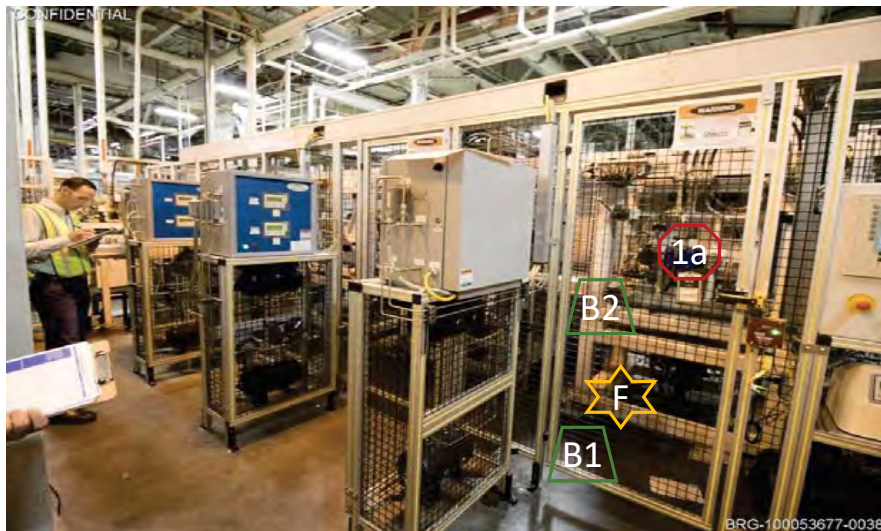
Picture 100053677-2 - Test Stands & Control

1a Test Stand Sub-Component A: Individual Test Stand (located inside the safety gate)

1b Test Stand Sub-Component B: Standalone hydraulic fluid delivery and accumulator rack

1c Test Stand Sub-Component C: Standalone hydraulic power pack

2 Control Cabinets



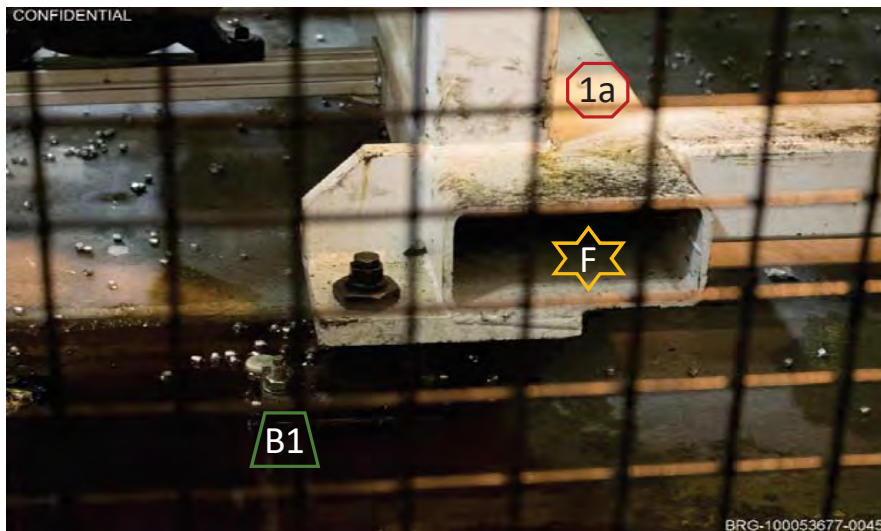
Picture 100053677-3 - Test Stands



Picture 100053677-5 - Test Stand (Middle)

Connection and Attachment

- B1** The test stand frame is affixed to the building floor with lag bolts.
- B2** The modular test stand frame is constructed in sections and connected by bolts.
- F** Forklift slots built into the test stand frame for lifting and relocation.
- 1a** Test Stand Sub-Component A: Individual Test Stand (located inside the safety gate)
- 3** Pallet Transfer Conveyor



Picture 100053677-4 - Test Stand (Floor)



Picture 100053677-6 - Conveyor & Control



The safety fencing frame is constructed of modular aluminum extrusions that allow for multiple configurations and various interchangeable parts. The pieces of tubing are connected by machine bolts and brackets.

1a

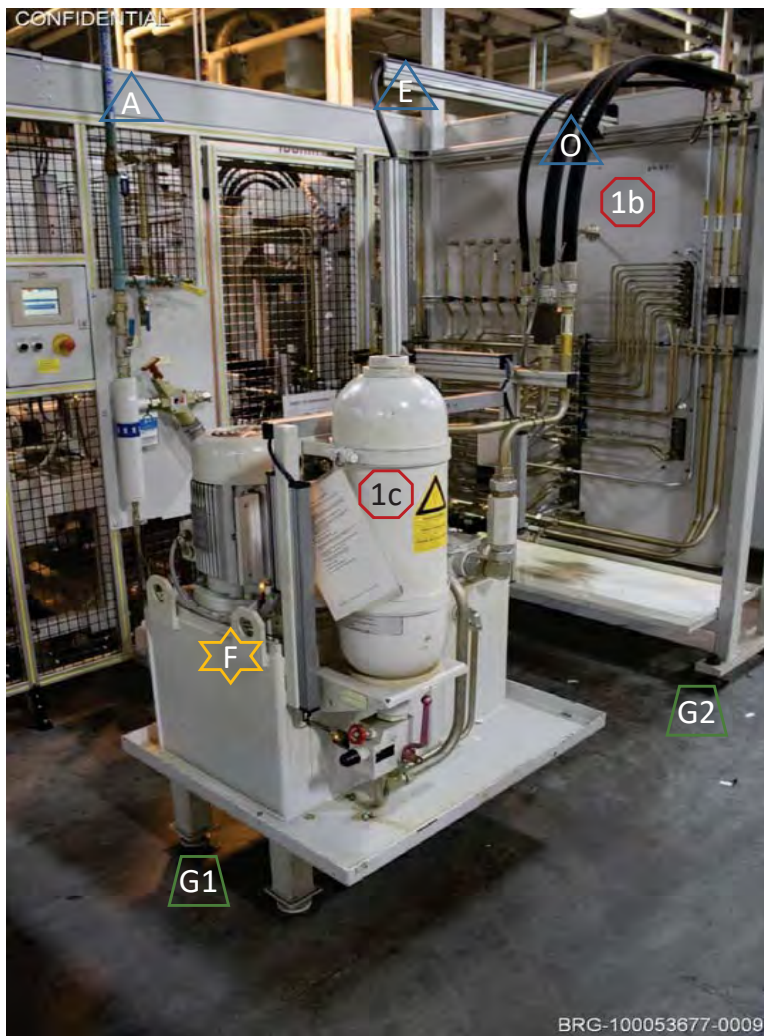
Test Stand Sub-Component A: Individual Test Stand (located inside the safety gate)

2

Control Cabinets

3

Pallet Transfer Conveyor



Picture 100053677-7 - Power Pack & Delivery Rack

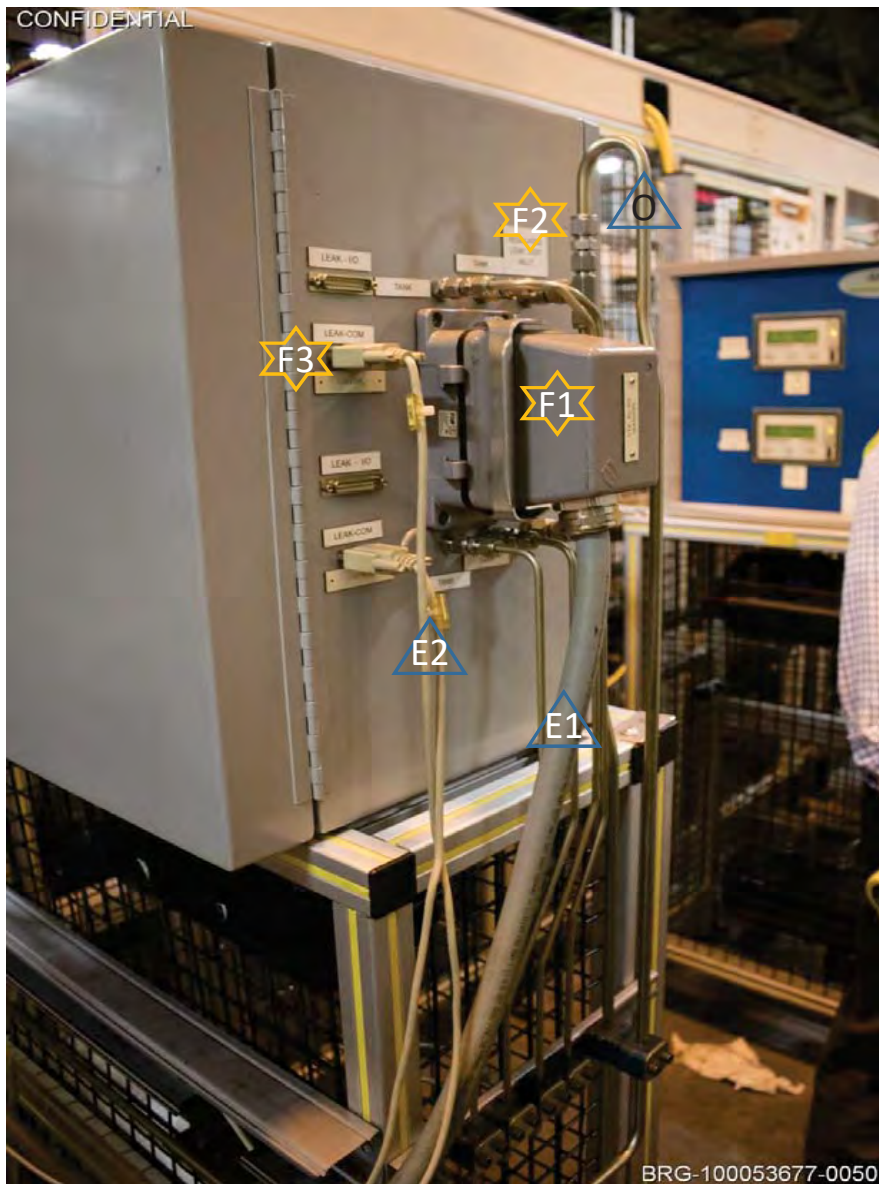


Picture 100053677-8 - Delivery Rack (Floor)

Connection and Attachment

- A** Compressed air piping is fed from an overhead header line.
- E** Electric & data wiring fed through reconfigurable cable trays connects the components.
- O** The fluid is transferred from hydraulic power pack to the delivery rack by high pressure hoses with threaded fittings.
- G1** Adjustable leveling pads are bolted to the hydraulic power pack and rest on the floor.
- G2** Adjustable leveling pads are bolted to the delivery rack and rest on the building floor.
- F** Brackets have been welded onto the fluid tank to provide lift points for relocation.
- 1b** Test Stand Sub-Component B: Standalone hydraulic fluid delivery and accumulator rack
- 1c** Test Stand Sub-Component C: Standalone hydraulic power pack

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Connection and Attachment



The main electric and data wiring are in flexible conduit.



Various flexible data cables are attached.



Hydraulic fluid is transported in sections of high pressure stainless steel tubing.



A large quick disconnect fitting is used that releases with a single metal clasp.



The fluid tubing uses threaded compression fittings to allow for easy disconnection. The system also utilizes threaded unions to connect sections of tubing instead of using long continuous pieces of tubing.



Most data ports utilize finger tightened connectors which allows for effortless reversal.

Picture 100053677-9 - Leak Test Instrument Connection



Picture 100053677-10 - Control Cabinets



Electric & data wiring is fed from the cabinet to the leak test components using enclosed, reconfigurable cable trays.



Top mounted eye-bolts are mounted on all corners of the control cabinets to assist with lifting and relocating.



Angle iron brackets affix the cabinets to the floor using lag bolts.



Test Stand Sub-Component A: Individual Test Stand (located inside the safety gate)



Test Stand Sub-Component B: Standalone hydraulic fluid delivery and accumulator rack



Test Stand Sub-Component C: Standalone hydraulic power pack



Control Cabinets

Wheel Assembly Machine
Asset ID 100060623 (Representative Asset No. 15)

GM Assembly Lansing Delta Township

Description of Asset

Description	Wheel Assembly Machine
Manufacturer	Durr/Esys Automation
Model	MAA11012SH
Serial Number	N/A

Asset ID 100060623 consists of a wheel assembly machine (the "Wheel Assembly Machine"). The Wheel Assembly Machine consists of soaping stations which lubricate the wheels and tires, two mounting stations where tires are mounted on the wheel rim, two inflation stations, an HMI control panel, and a conveyor system which moves the wheels between each station. The modular design of the Wheel Assembly Machine and the reversible methods of attachment employed in its construction allow the asset to be reconfigured and adapted to the various needs of the manufacturing process and layout. These characteristics allow the Wheel Assembly Machine to be removed without damage to the asset or realty.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping & high pressure hose	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100060623
Asset Description	GA T/W: SOAP; MOUNT AND INFLATE
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT GENERAL ASSEMBLY
In Service Date	11/14/2006
Total Installed Cost	\$1,897,124
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100060623-1 - Wheel Assembly Machine

1 Mounting Stations

3 Conveyor

2 Inflation Stations

4 HMI Control Panel



Connection and Attachment



Lift points are built into the top of each mounting station's frame.



Electrical and data cabling are fed to the mounting station through loose wiring in overhead metal cable trays. The wiring also utilizes quick disconnect fittings.



Mounting Stations

Picture 100060623-2 - Mounting Station



Connection and Attachment

B The mounting station is attached to the building floor with lag bolts.

1 Mounting Stations

Picture 100060623-3 - Mounting Station (Attachment)



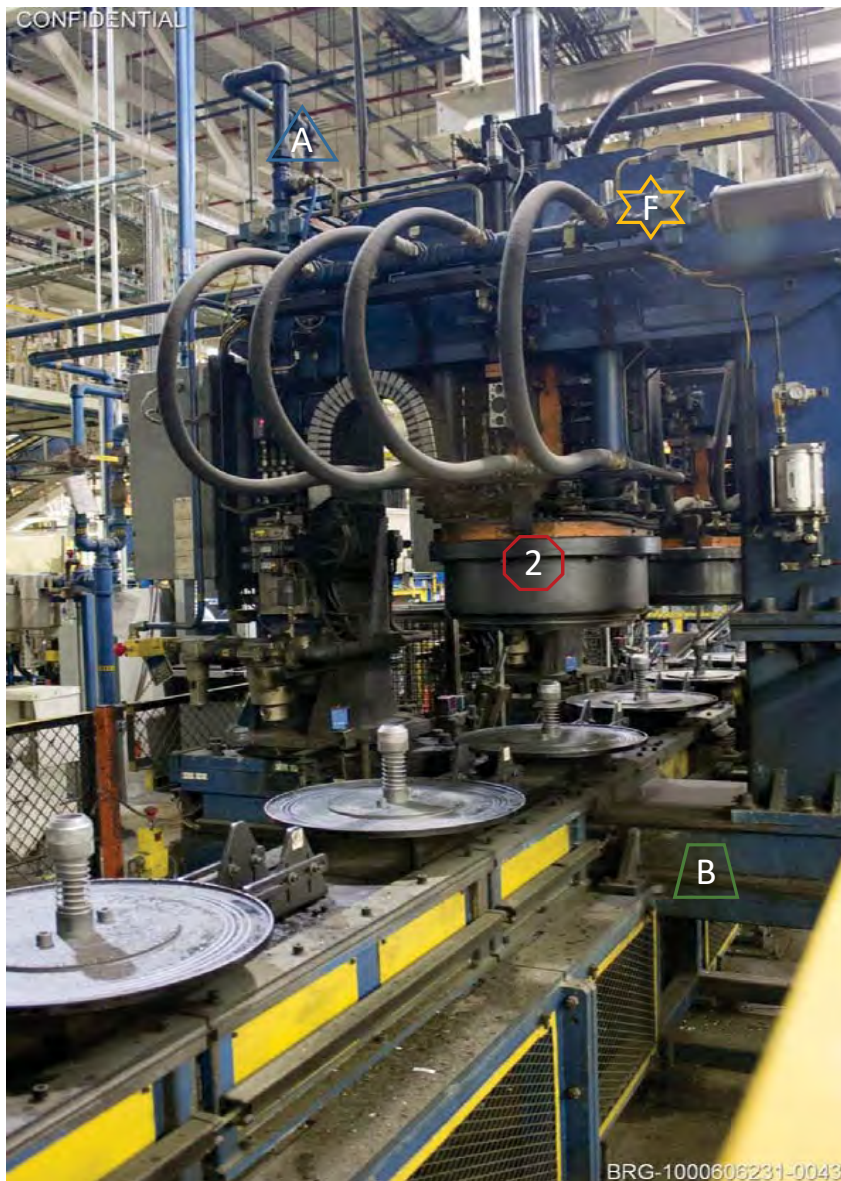
Picture 100060623-4 - Inflation Station



Picture 100060623-5 - Inflation Station (Attachment)

Connection and Attachment

- B** The tire inflation station is attached to the building floor with lag bolts.
- E** Electrical power and data are fed to the components of the Wheel Assembly Machine by loose cabling contained in reconfigurable overhead cable trays
- 2** Inflation Stations



Picture 100060623-6 - Inflation Station

Connection and Attachment



The tire inflation station is attached to the adjacent conveyor section with allen bolts.



Lift points are located at the top of each inflation station.



Compressed air piping is connected to the inflation station with pipe unions.



Inflation Stations



Connection and Attachment

- B1** The individual sections of conveyor are connected to each other with nut and bolt fasteners.
- B2** The conveyor is attached to the building floor with lag bolts.
- 2** Inflation Stations
- 3** Conveyor

Picture 100060623-7 - Conveyor



Connection and Attachment



The HMI control panel is attached to the building floor with lag bolts.

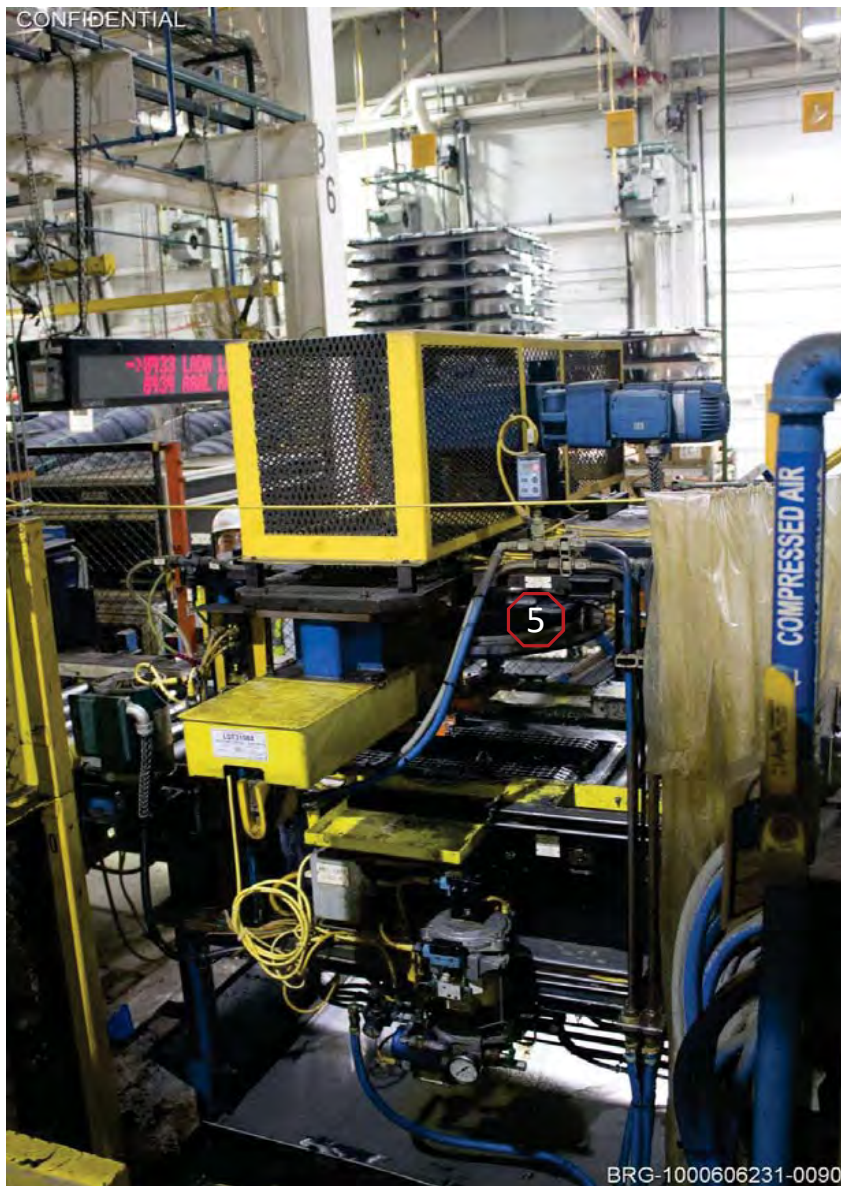


The HMI control panel feeds data to the wheel assembly machine by loose cabling.



HMI Control Panel

Picture 10060623-8 - HMI Control Panel



Picture 100060623-9 - Soaping Station



Picture 100060623-10 - Soaping Station (Attachment)

B The soaping station is attached to the building floor with lag bolts.

5 Soaping Station

BS Skid Conveyor

Asset ID 100061079 (Representative Asset No. 16)

GM Assembly Lansing Delta Township

Description of Asset

Description	BS Skid Conveyor
Manufacturer	Acco / Aft
Model	WD-LDBS_LAZA
Serial Number	N/A

Asset ID 100061079 consists of a skid conveying system in the body shop at GM's Lansing Delta Township facility (the "BS Skid Conveyor"). The BS Skid Conveyor is designed to transport skids carrying body-in-white structures from the respot welding zone of the body shop to the main body shop assembly line. The components of the BS Skid Conveyor include approximately 1,095 linear feet of roller-bed conveyor, a mezzanine suspended above the body shop floor, a three lane conveyor buffer zone, conveyor pivoting units, and an HMI control panel. The modular nature of the conveying equipment, the sectional fabrication of the mezzanine, and the methods of attachment all allow for removal of the BS Skid Conveyor without damage to either the building or the equipment itself.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to mezzanine which is clipped to trusses

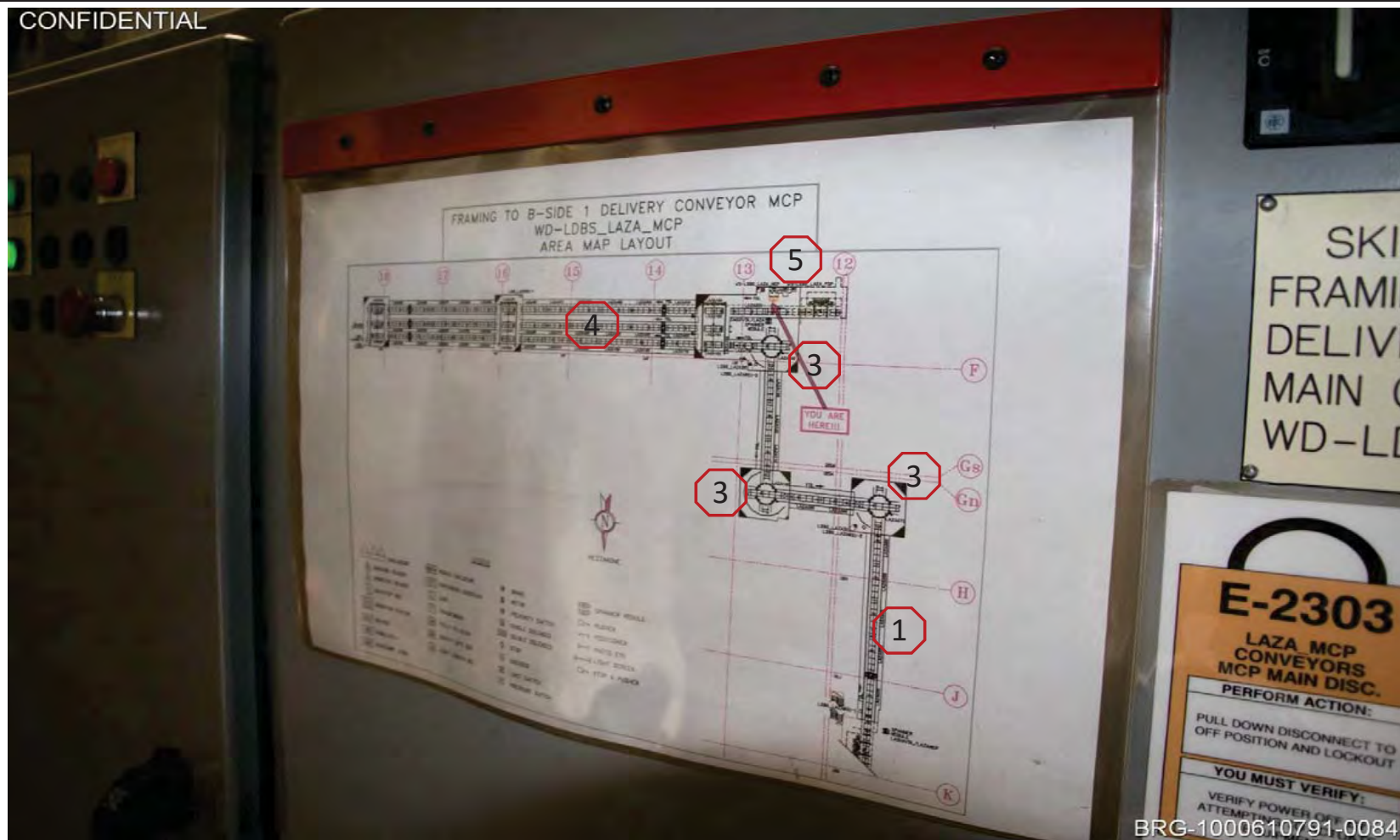
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes - Entire system mounted on mezzanine	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Unknown
		12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [a]

Asset ID	100061079
Asset Description	BS SKID CONVEYOR - LAZA
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT BODY SHOP
In Service Date	11/14/2006
Total Installed Cost	\$2,495,283
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100061079-1 - Asset Diagram & Layout

Asset Components

- | | | | | | |
|---|--|---|-----------------------------------|---|---|
| 1 | Roller conveyor modules | 3 | Pivot mounted conveyor modules | 5 | Control cabinets and power distribution panel |
| 2 | Mezzanine with plate or wire grate floor | 4 | Conveyor buffer zone with 3 lanes | | |



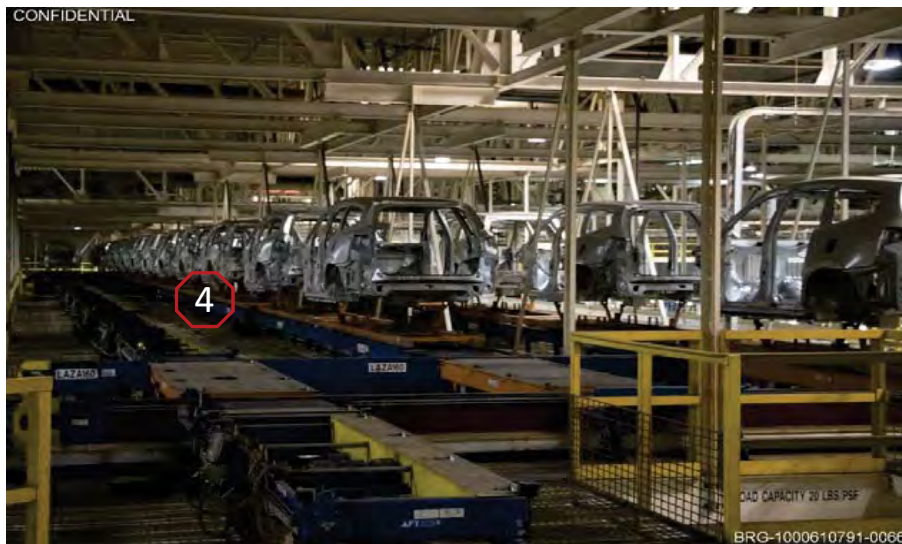
Picture 100061079-2 - Roller Bed Conveyor & Mezzanine

- 1 Roller Bed Conveyor modules
- 2 Mezzanine with metal wire grating floor



Picture 100061079-3 - Pivoting Unit

- 3 Pivoting Conveyor Unit on solid floor mezzanine section



Picture 100061079-4 - BS Skid Conveyor

4

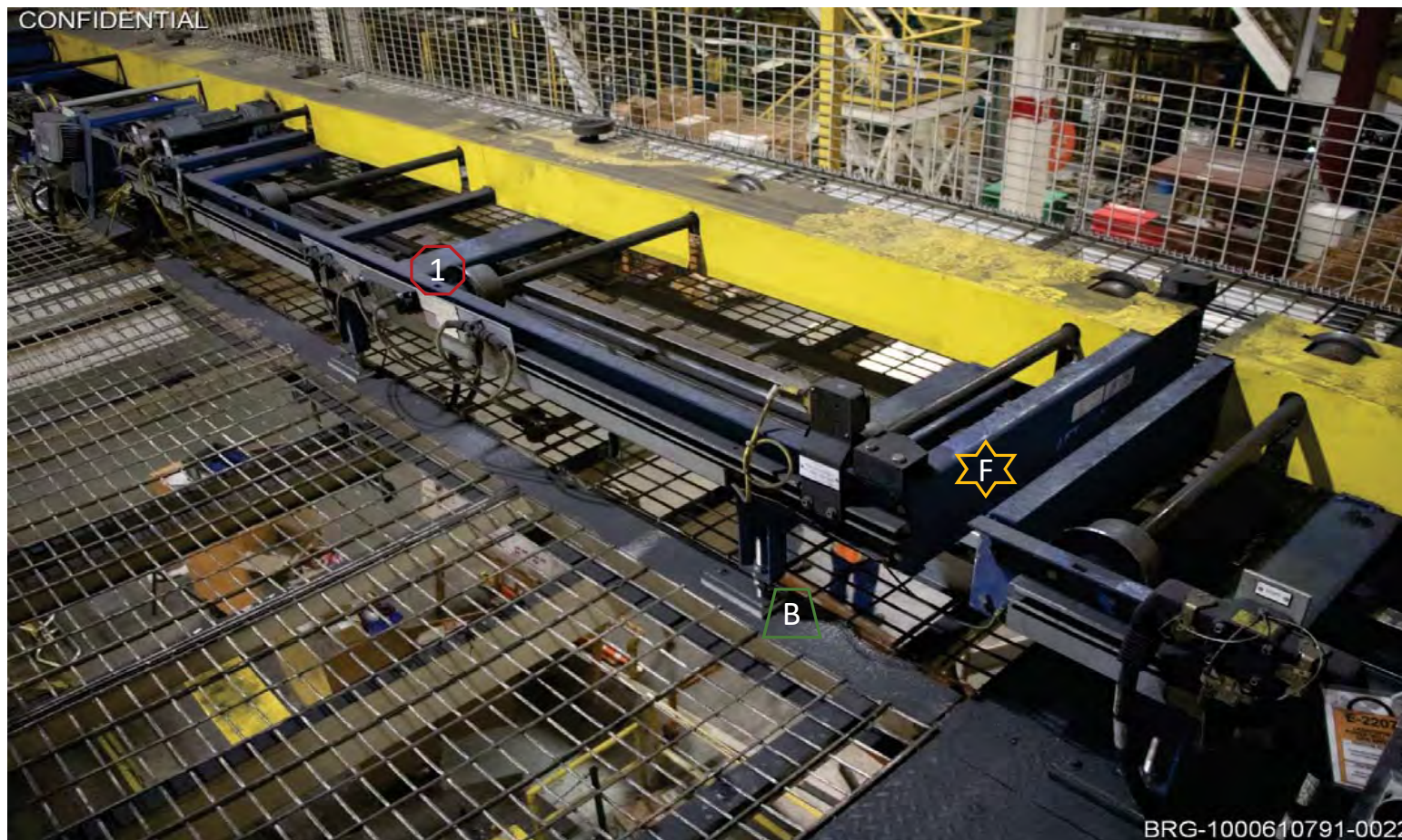
Three Lane Buffer Zone with skid mounted bodies



Picture 100061079-5 - Power Distribution Panel

5

Power distribution Panel



Picture 100061079-6 - Roller Bed Conveyor



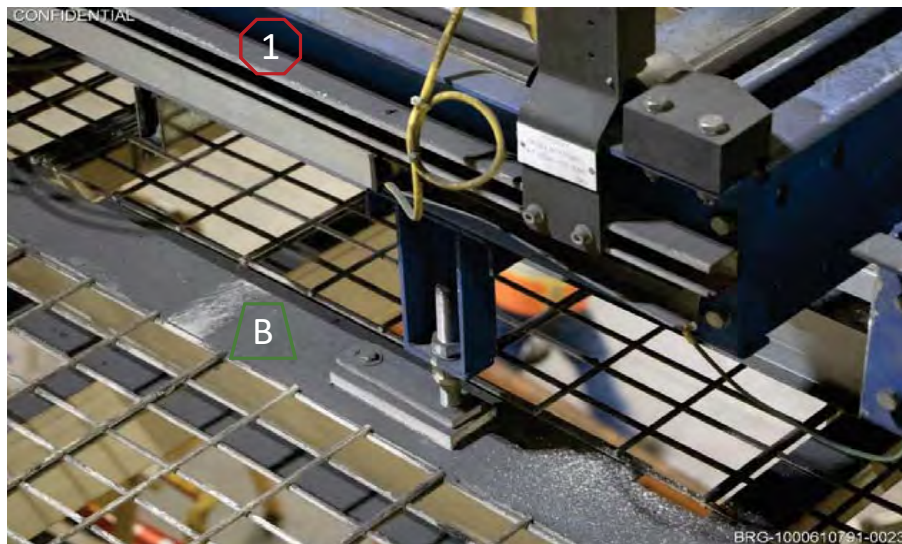
The roller bed conveyor is affixed to the mezzanine with bolted plates.



Roller conveyor modules



The conveyor modules are not directly connected to each other; note separation of frames.



Picture 100061079-7 - Roller Bed Conveyor (Attachment)

B The roller bed conveyor is affixed to the mezzanine with bolted plates.

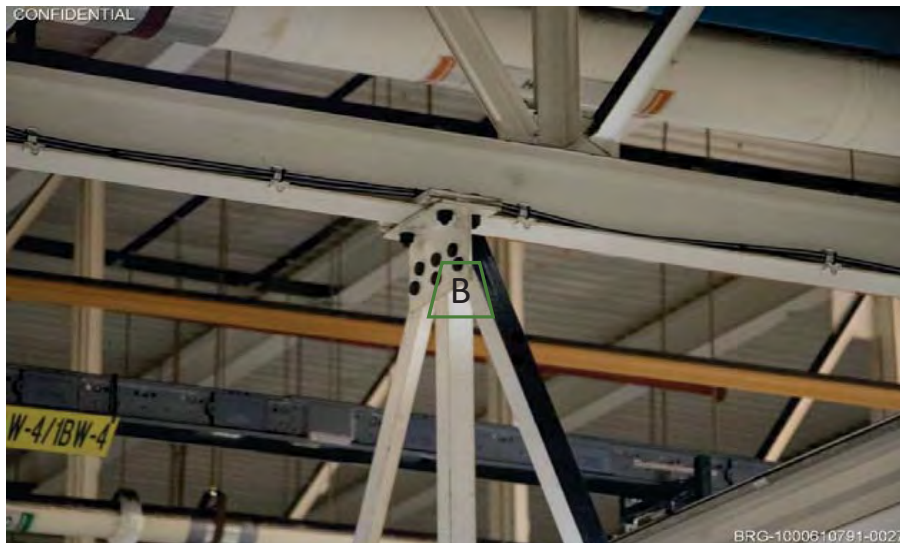
1 Roller conveyor modules



Picture 100061079-8 - Roller Bed Conveyor

E All wiring to the roller bed conveyor is connected using quick disconnect plugs and sockets.

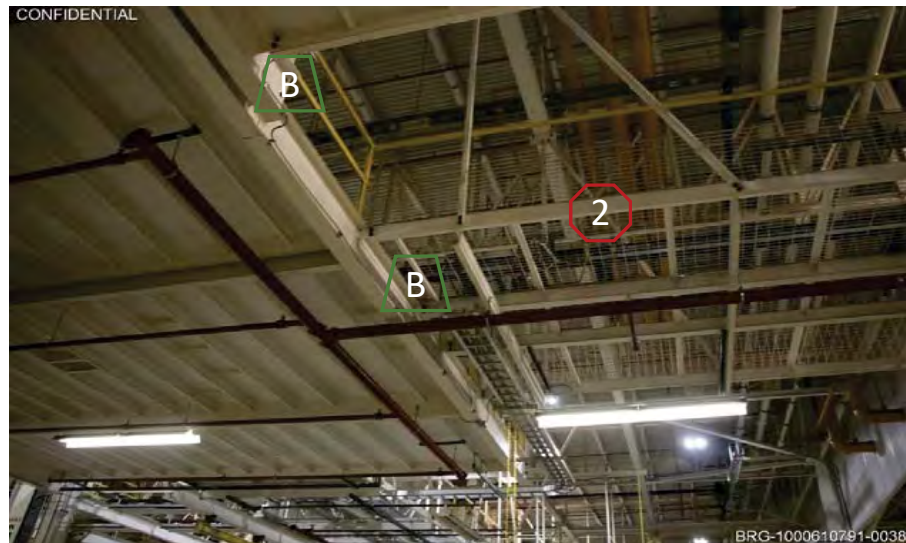
1 Roller conveyor modules



Picture 100061079-9 - Mezzanine

B

The mezzanine is suspended by steel members that are attached to the trusses by removable clips, steel plates clamped around the top and underside of the bottom beam of the truss.



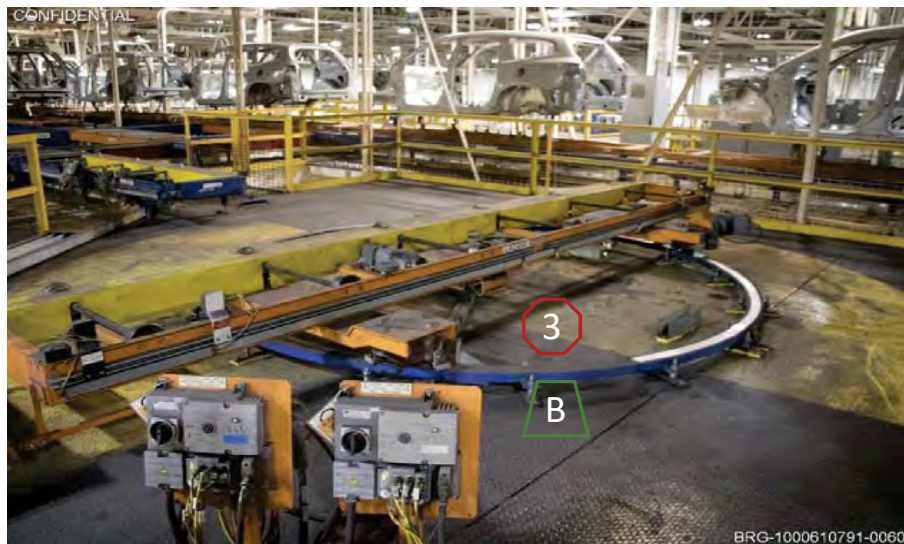
Picture 100061079-10 - Mezzanine

B

The sections of mezzanine are connected to each other with nut and bolt attachments.

2

Mezzanine with plate or wire grate floor



Picture 100061079-11 - Pivoting Unit

B

The pivoting unit is attached to the mezzanine with bolts.

3

Pivot mounted conveyor modules



Picture 100061079-12 - Power Distribution Panel

F

Top mounted eye bolts serve as lift points for the control panels.

5

Control cabinets and power distribution panel

BS P&F Conveyor

Asset ID 100061614 (Representative Asset No. 17)

GM Assembly Lansing Delta Township

Description of Asset

Description	BS P&F Conveyor
Manufacturer	Jervis B Webb Co Inc
Model	UNIBILT
Serial Number	N/A

Asset ID 100061614 consists of an overhead power and free conveyor system in GM's Lansing Delta Township Assembly body shop (the "BS P&F Conveyor"). The BS P&F Conveyor consists of approximately 2,280 linear feet of overhead conveyor track, a positioner unit, two chain drive units, two chain take-ups, trolley/load bar units, control cabinets, and access platforms and mezzanines. The modular nature of the conveying equipment, the sectional fabrication of the mezzanine, and the methods of attachment all allow for removal of the BS P&F Conveyor without damage to either the building or the equipment itself.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to roof trusses

Physical Attachment and Connections

1. Pads/Foundations/Piers/Pits ----->	No
2. Piping/Ductwork Connections ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical
4. Separate Control Panel/Operator Stand ----->	Yes
5. Catwalk/Platforms/Stairs/Railings ----->	Yes - Mezzanine

Other Characteristics

6. Asset Design/Construction Type ----->	Reversible assemblage of components
7. Asset Typically Sold with Land and Building ----->	No
8. Damage to Realty from Removal ----->	No
9. Damage to Subject Asset from Removal ----->	No
10. Similar Assets Removed from GM Facilities ----->	Yes
11. Similar Assets Relocated within GM for Reuse ----->	Unknown
12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

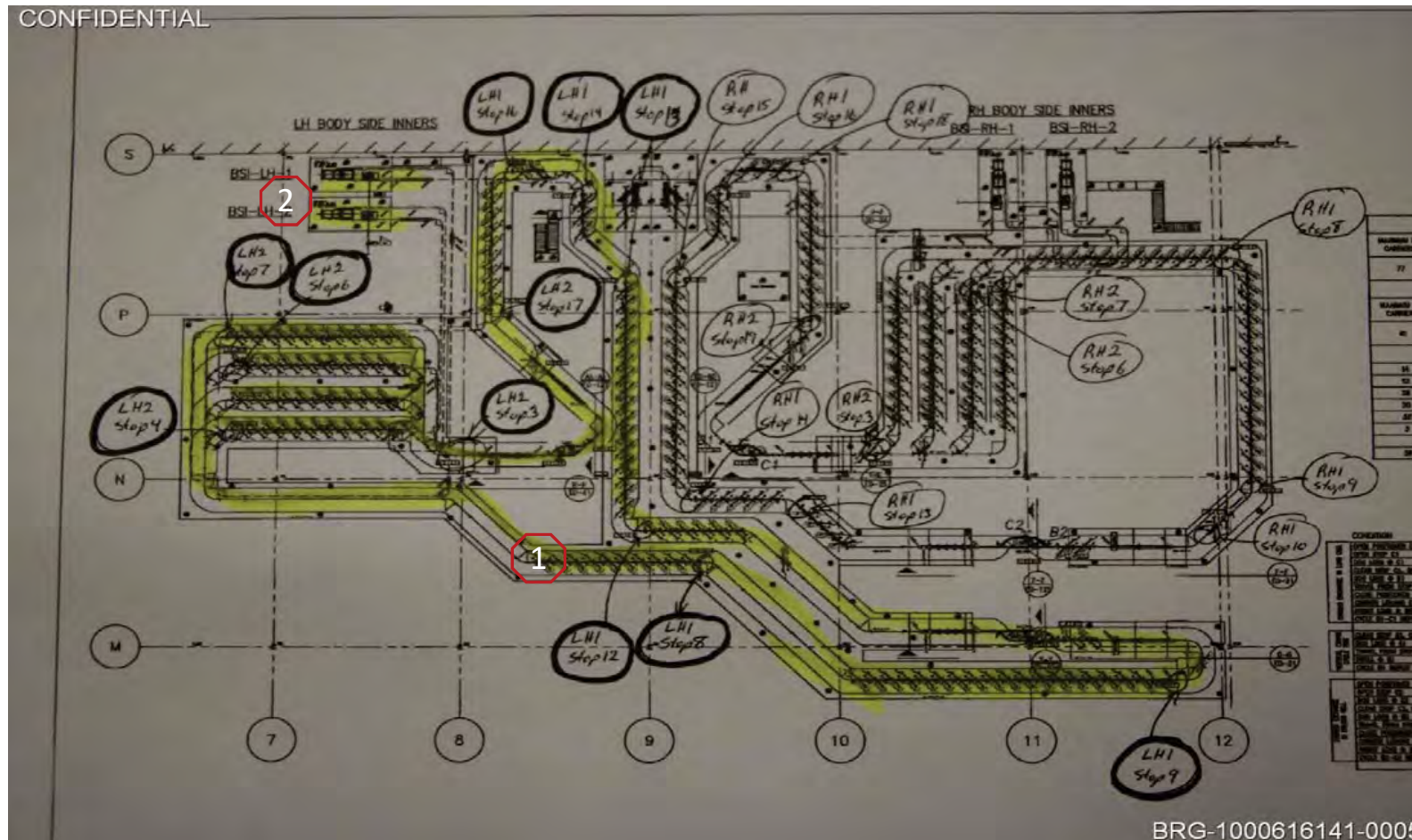
Fixed Asset Listing Information [a]

Asset ID	100061614
Sequence	1, 2
Asset Description	BS P&F CONVEYOR - BODY SIDE INNER LH DEL
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT BODY SHOP
In Service Date	11/14/2006
Total Installed Cost	\$1,649,074
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

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Picture 100061614-1 - Asset Diagram & Layout

- 1 Left side Inner Body Conveyor is highlighted. Right side Inner Conveyor is to the right.
- 2 Chain Drive and Take-up Units (2)



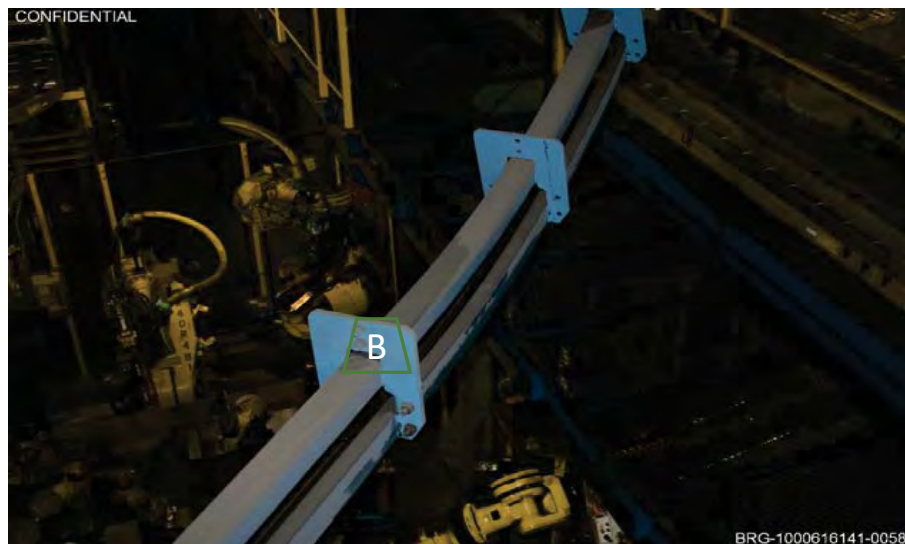
Picture 100061614-2 - Conveyor Track



Power (upper track) and free (lower track) conveyor track sections are suspended from building trusses. Part carriers (orange items hanging from track) are separate assets.



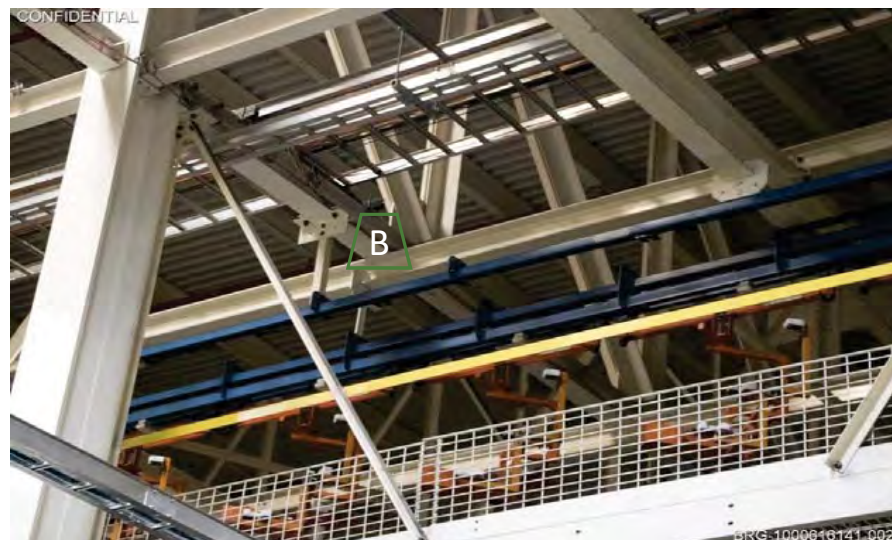
Left side Inner Body Conveyor



Picture 100061614-3 - Conveyor Track

B

The sections of conveyor track are connected to each other with nut and bolt fasteners.



Picture 100061614-4 - Conveyor Track

B

Sections of conveyor track are bolted to steel members which are suspended from roof trusses.



Picture 100061614-5 - Chain Drive (left) & Take-up Unit (background)



Electrical and data wiring are fed to the chain drive units through loose cabling. Quick disconnect fittings are used.



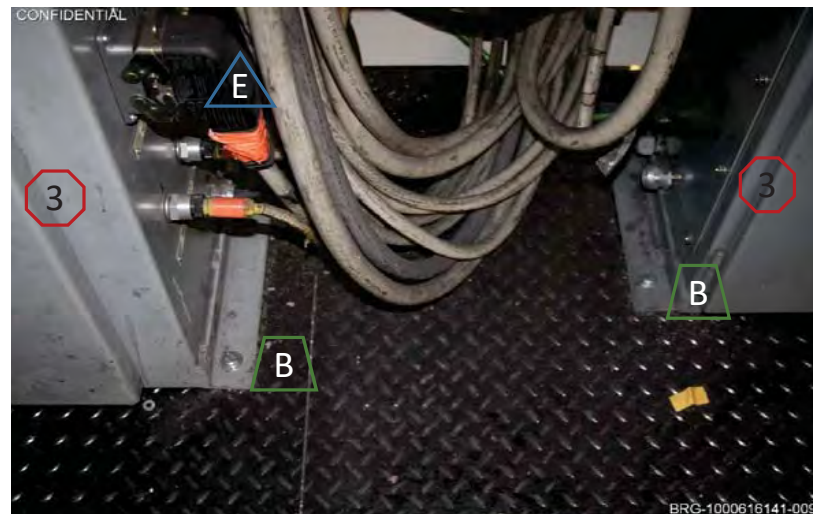
Chain Drive and Take-up Units (2)



The take-up unit is attached to adjacent sections of conveyor track with nut and bolt fasteners.



Picture 100061614-6 - Control Cabinets



Picture 100061614-7 - Control Cabinets

Connection and Attachment



Control and Power Distribution Cabinets



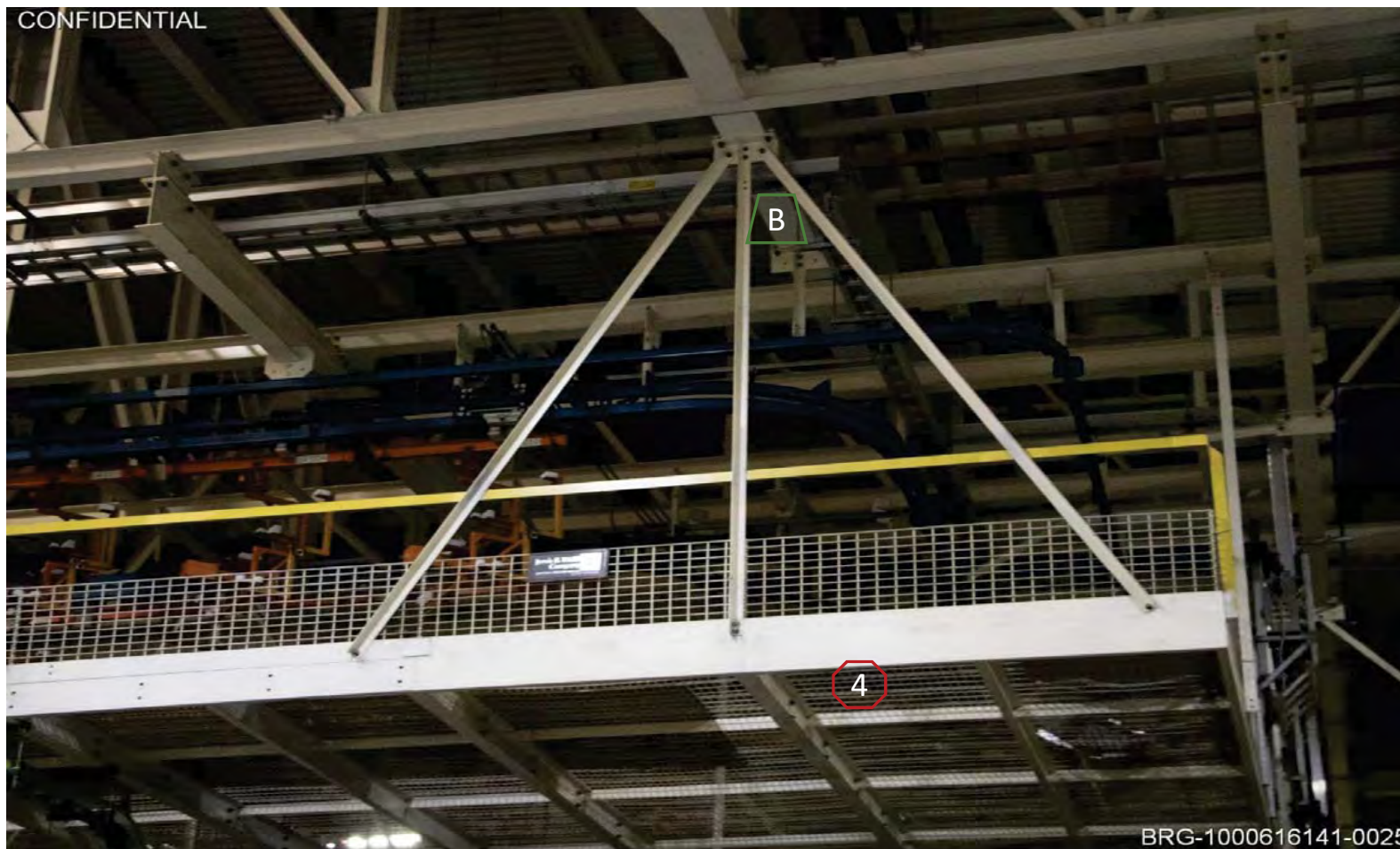
Electrical and data cabling are attached to the control cabinets with quick disconnect fittings.



The Control and Power Distribution Cabinets are attached to the mezzanine with bolts.



Top mounted eye-bolts serve as lift points for the Control Cabinet.



Picture 100061614-8 - Mezzanine



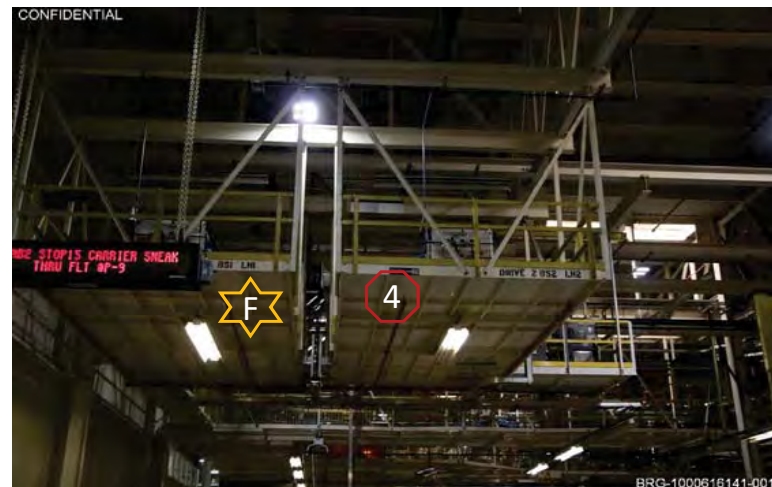
Mezzanine with steel frame, open wire grate floor and side rails.



The mezzanine is entirely suspended from the roof trusses by steel members attached to the building trusses with removable "clips", steel plates clamped around the top and underside of the bottom beam of the truss.



Picture 100061614-9 - Mezzanine (Truss Attachment)



Picture 100061614-10 - Mezzanine Sections

Connection and Attachment



The mezzanine is entirely suspended from the roof trusses with steel members that are attached to the trusses by removable clips, steel plates clamped around the top and underside of the bottom beam of the truss.



The mezzanine is constructed in sections having fabricated structural steel framework members.



Mezzanine with steel frame, open wire grate floor and side rails.

Vertical Adjusting Carriers
Asset ID 100062269 (Representative Asset No. 18)
GM Assembly Lansing Delta Township

Description of Asset

Description	Vertical Adjusting Carriers
Manufacturer	Siemens
Model	N/A
Serial Number	N/A

Asset ID 100062269 consists of 87 vertical adjusting carriers (the "Vertical Adjusting Carriers") located at GM's Lansing Delta Township assembly plant within the general assembly area. The Vertical Adjusting Carriers are components of an electric monorail conveyor system which transports vehicle bodies through the assembly process. The entire conveyor system, including the Vertical Adjusting Carriers, was manufactured by Siemens AG. The vertical adjusting carriers are suspended from a conveyor rail and are not affixed to any particular location as each carrier moves throughout the assembly process.

Fixture Conclusions

Annexation to Realty	No
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: None

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	No	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

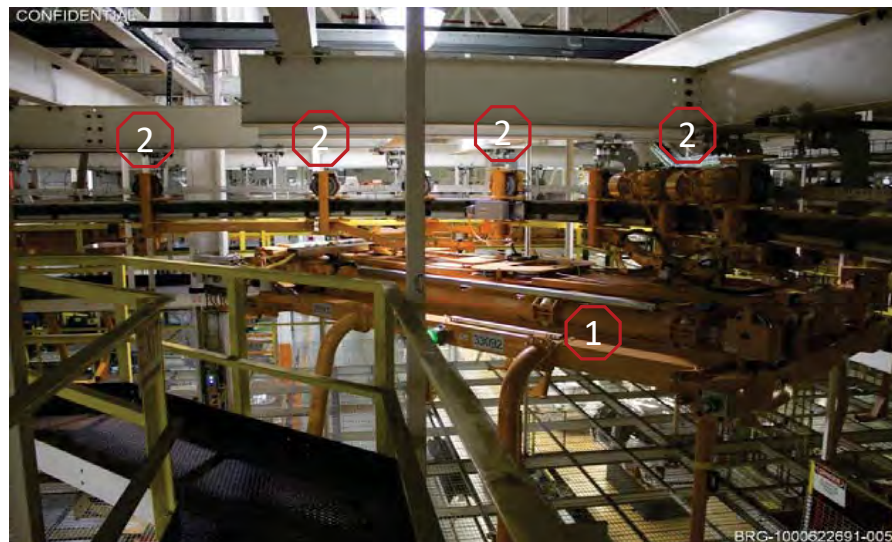
Asset ID	100062269
Asset Description	GA CONVEYOR: VERTICAL ADJUSTING CARRIER (VAC) SYS - CARRIERS (QTY 87)
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT GENERAL ASSEMBLY
In Service Date	11/14/2006
Total Installed Cost	\$4,141,896
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100062269-1 - Vertical Adjusting Carriers (Below)



Picture 100062269-2 - Vertical Adjusting Carrier (Above)

Asset Components

- 1 Vertical Adjusting Carriers. Carrier at left is extended (lowered); carrier above is retracted (raised).
- 2 Wheeled Trolleys



Picture 100062269-3 - Wheeled Trolley

Asset Components



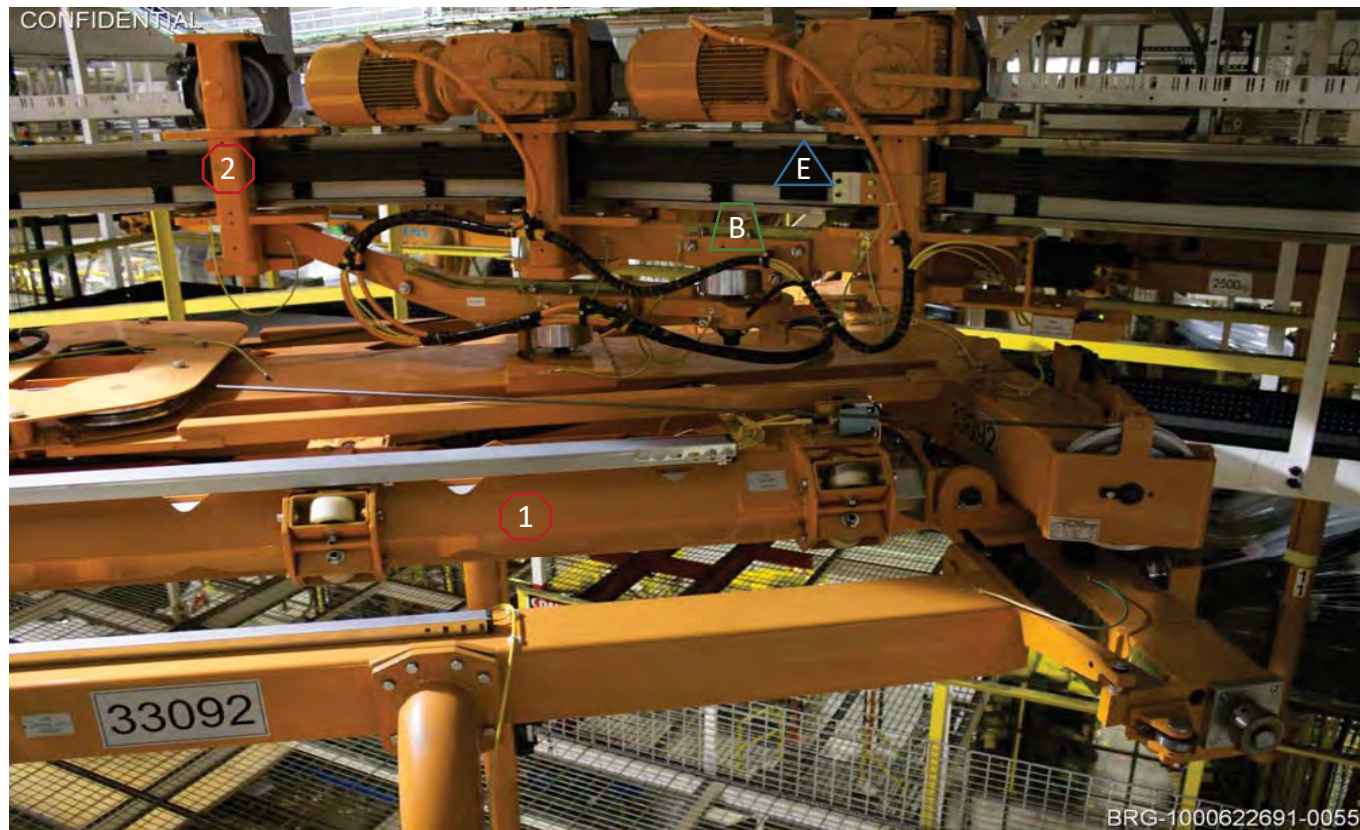
Each trolley consists of a main wheel which rides along top of the rail supporting the load of the vertical adjusting carriers and smaller horizontal guide wheels bolted to the trolley which ensure the alignment of the trolley on the rail.



Electrical busbars mounted to side of track provide power to drive motors



Wheeled Trolleys



Picture 100062269-4 - Wheeled Trolley

Asset Components



Three trolleys (2 powered and 1 idler) are shown. They are attached to each other and the frame of the vertical adjusting carrier with bolts.



Electrical power from the busbars is conducted through shoes on the trolleys attached to the vertical adjusting carriers.



Vertical Adjusting Carriers. Carrier above is retracted (raised).



Wheeled Trolleys

BS CMM

Asset ID 100064667 (Representative Asset No. 19)

GM Assembly Lansing Delta Township

Description of Asset

Description	BS CMM
Manufacturer	Lk Metrology Systems Inc
Model	LY-90
Serial Number	LY90-60299-05

Asset ID 100064667 consists of a coordinate measuring machine (the "BS CMM") at the Lansing Delta Township assembly plant. The BS CMM was used for offline inspection of body-in-white ("BIW") structures for quality control purposes. Having been removed from service and disposed of prior to our site inspection, the subject asset was not physically inspected. However, photographs showing the BS CMM as it had been installed, and a 2013 calibration report that provided certain specifications were provided by New GM. The subject asset does not include the pit in which the BS CMM was installed or the control computer and software. The BS CMM has been removed without apparent damage to the realty. Since CMMs are commonly bought and sold in the used equipment marketplace, it is evident that the BS CMM could be removed without damage to itself.

Fixture Conclusions

Annexation to Realty	N/A [a]
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: N/A

1. Pads/Foundations/Piers/Pits ----->	Pit (separate asset)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [b]

Asset ID	100064667
Asset Description	BS CMM FULL BODY MACHINE - LY90
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT BODY SHOP
In Service Date	11/14/2006
Total Installed Cost	\$354,000
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] asset has been removed from facility and is no longer attached to the realty.

[b] Fixed asset listing information was obtained from NewGM000005131.

[c] Property tax classification information was obtained from KPMG-GM0092238.

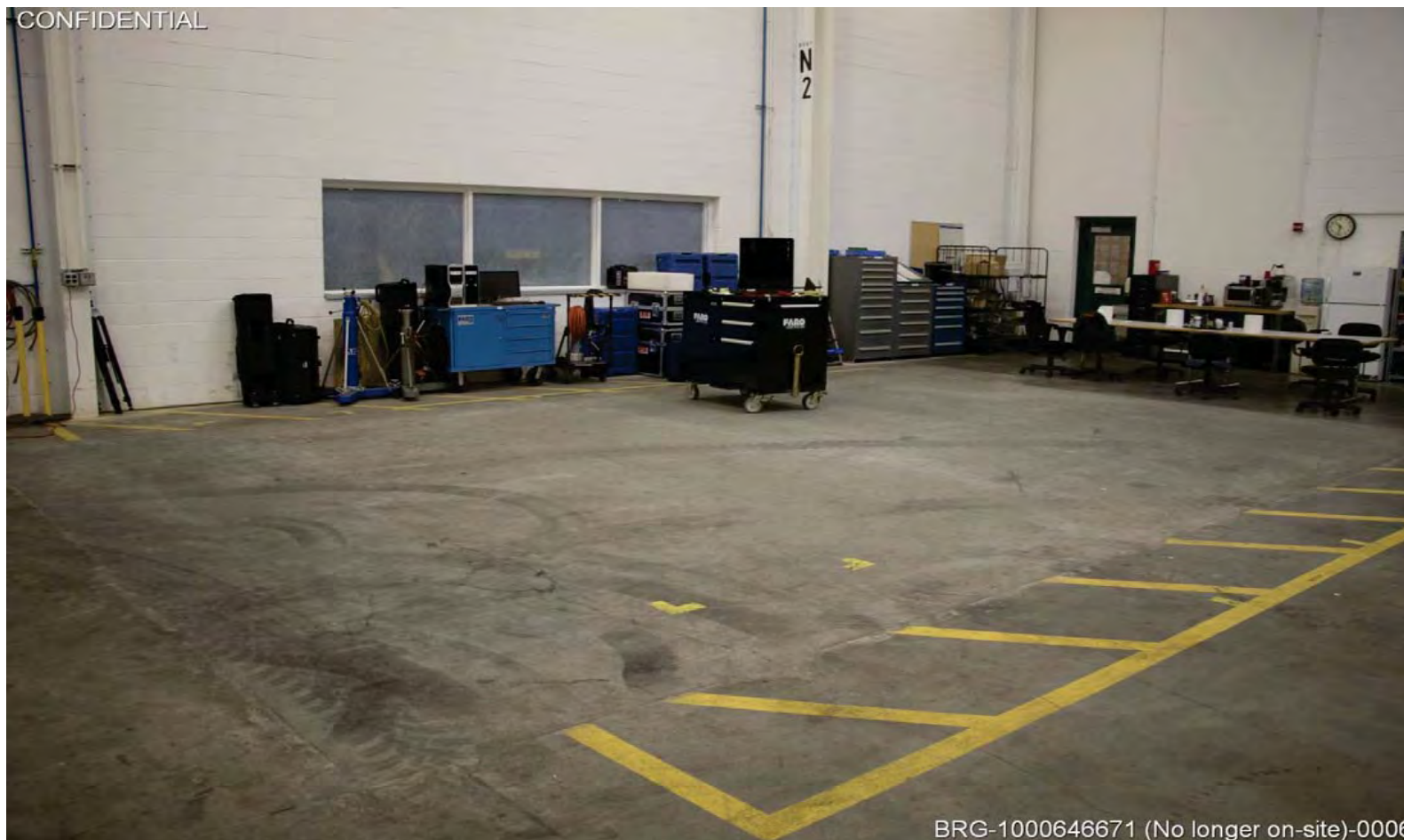


Source: NEWGM000106374

Picture 100064667-1 - BS CMM (Prior to Removal)

1

The above image of the BS CMM shows one of two measurement columns; the other, unseen column is to the left. The 8'x25' surface plate is behind the column.



Picture 100064667-2 - BS CMM (Empty Area)

The BS CMM was located in the empty floor space shown above. The BS CMM has been removed without apparent damage to the realty. The concrete pit for the BS CMM was a separate asset; the pit was filled in after removal of the BS CMM.

Wheel & Tire Delivery Conveyor
Asset ID 100065640 (Representative Asset No. 20)

GM Assembly Lansing Delta Township

Description of Asset

Description	Wheel & Tire Delivery Conveyor
Manufacturer	Jervis B Webb Co Inc
Model	N/A
Serial Number	N/A

Asset ID 100065640 consists of a conveyor system for transporting wheels (the "Wheel & Tire Delivery Conveyor"). The asset is comprised of an overhead conveyor system approximately 400 linear feet in length. Located at GM's Lansing Delta Township assembly facility, the Wheel & Tire Delivery Conveyor was supplied by Jervis B. Webb and is used to transport tire and wheel assemblies to the final assembly line. The Wheel & Tire Delivery Conveyor is comprised of several types of conveyors, a mezzanine system, control cabinets, and an HMI. The modular components of the Wheel & Tire Delivery Conveyor utilize reversible attachment methods which allow the asset to be disassembled with minimal damage to either the realty or the asset itself.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to roof trusses or lag bolted to the floor slab

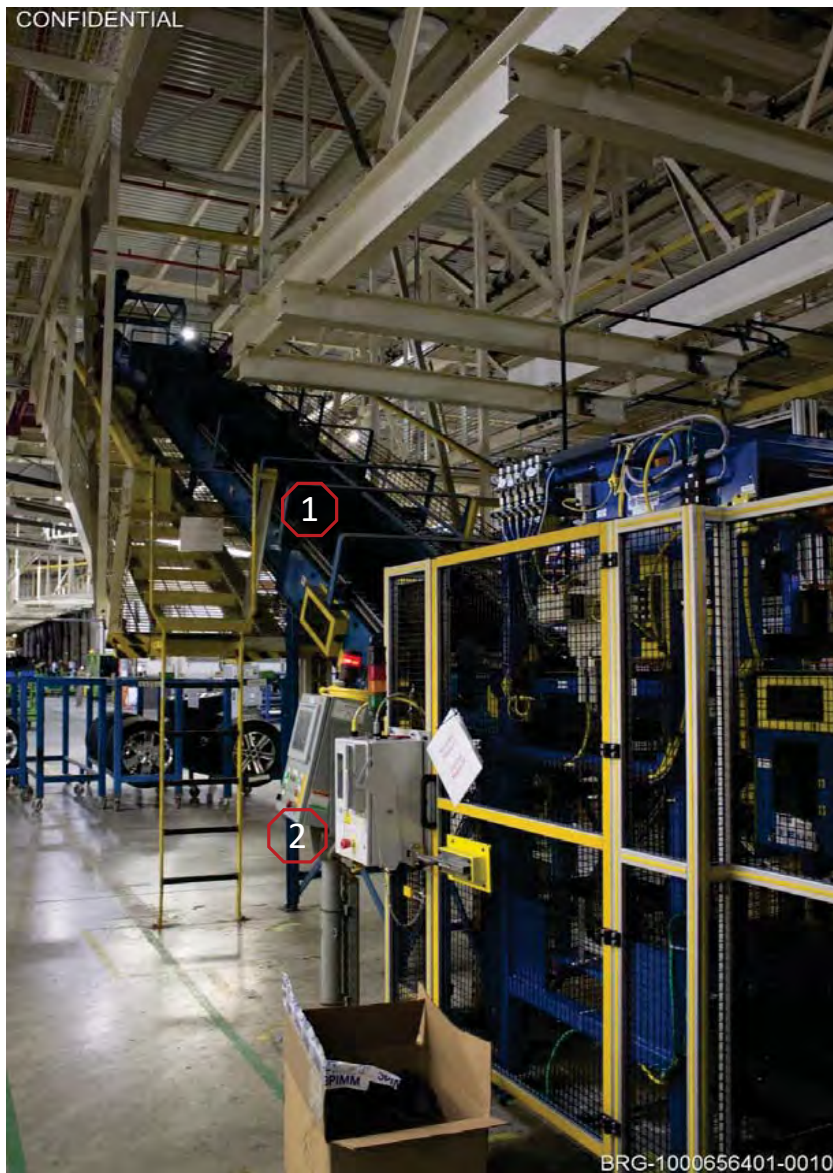
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes - Mezzanine	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Unknown
		12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [a]

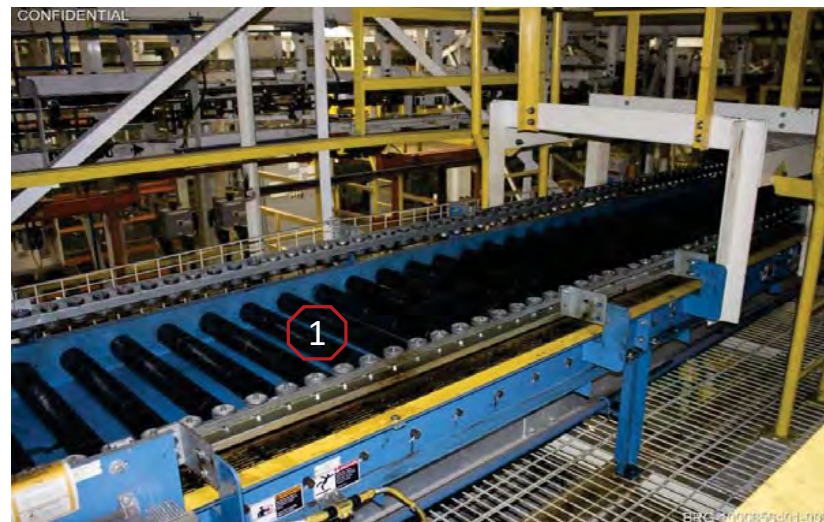
Asset ID	100065640
Asset Description	GA CONVEYOR SUB-ASM RECEIVING (SAR): WTD1000 - WHEEL & TIRE DELIVERY
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT GENERAL ASSEMBLY
In Service Date	11/14/2006
Total Installed Cost	\$1,150,919
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



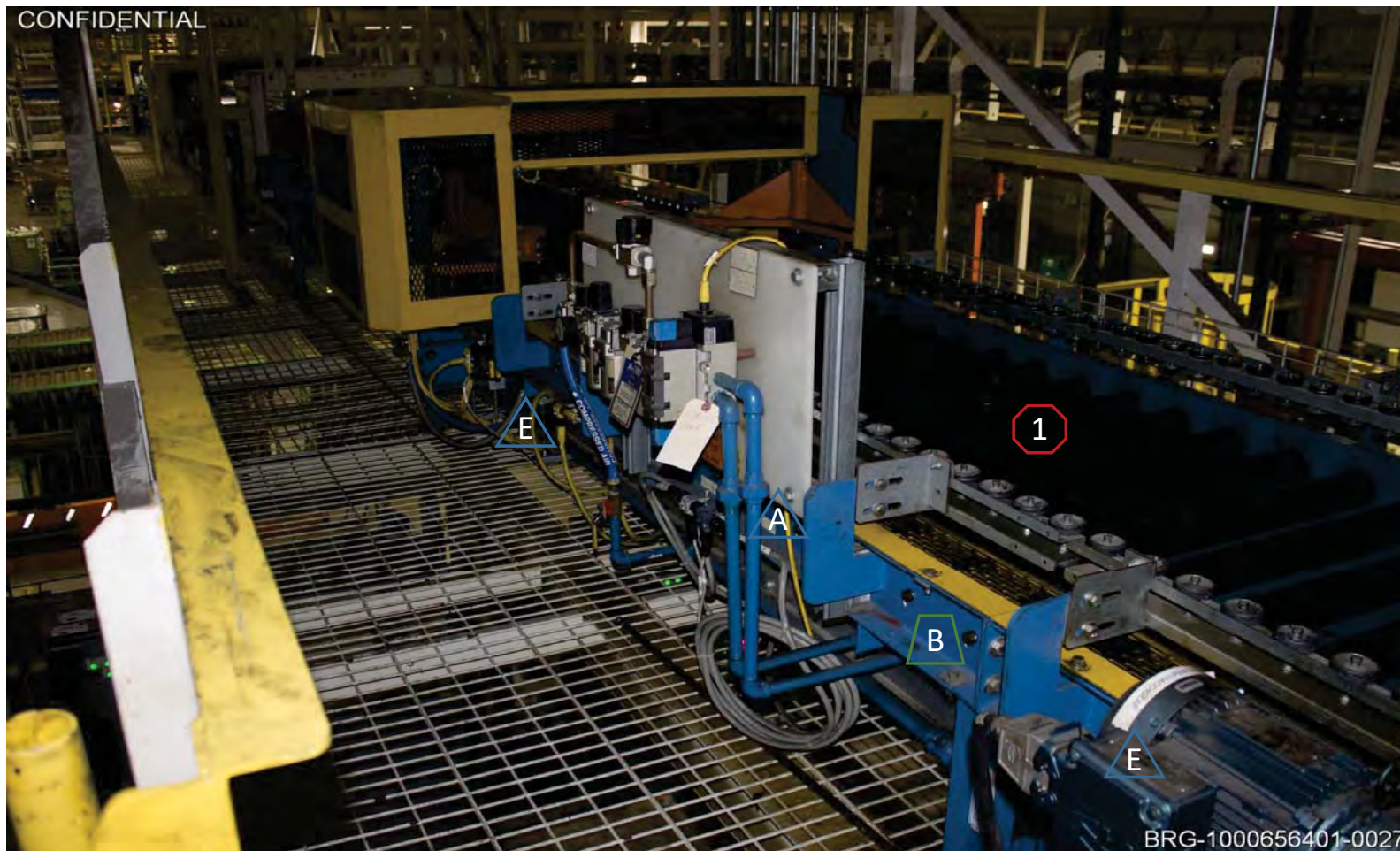
Picture 100065640-1 - Wheel Delivery Conveyor



Picture 100065640-2 - Wheel Delivery Conveyor

Asset Components

- 1 Left - Conveyor incline belt section with mezzanine below. Above - Conveyor section with powered rolls and crossover bridge.
- 2 HMI Control Panel



Picture 100065640-3 - Conveyor



Compressed air is fed to the conveyor through metal pipe connected with unions.



Individual sections of conveyor are connected with nut and bolt fasteners.



Electrical power and data are delivered to the conveyor through flexible wiring and are attached using quick disconnect fittings.



Conveyor section with powered rolls.



Picture 100065640-4 - Conveyor

1

Conveyor section with powered rolls and crossover bridge.

B

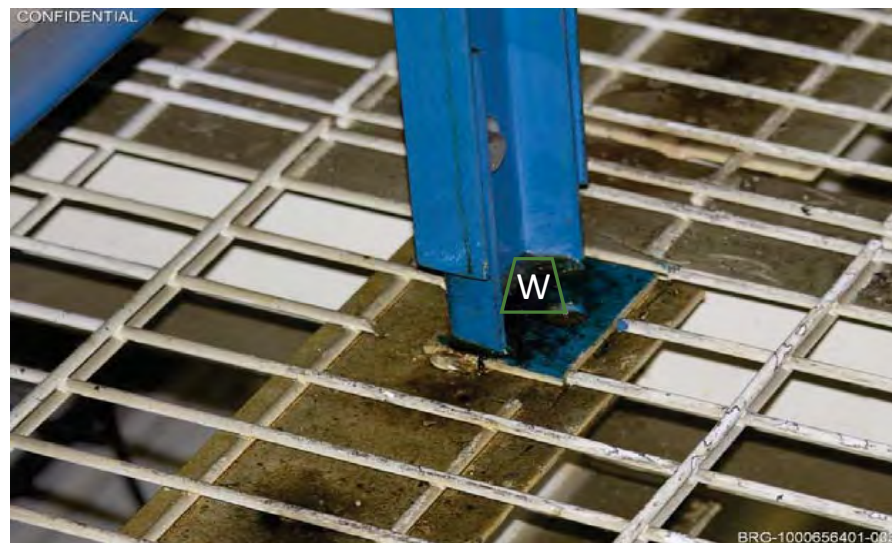
Sections of conveyor are supported by adjustable height legs which are attached to the section frames with nut and bolt fasteners.



Picture 100065640-5 - Conveyor (Attachment)

B

The section of the conveyor at ground level is attached to the floor with concrete lag bolts.



Picture 100065640-6 - Conveyor (Attachment)

W

Removable bottom portion of adjustable legs on mezzanine conveyor sections are secured to the catwalk with small tack welds.



Picture 100065640-7 - HMI Control Panel

B

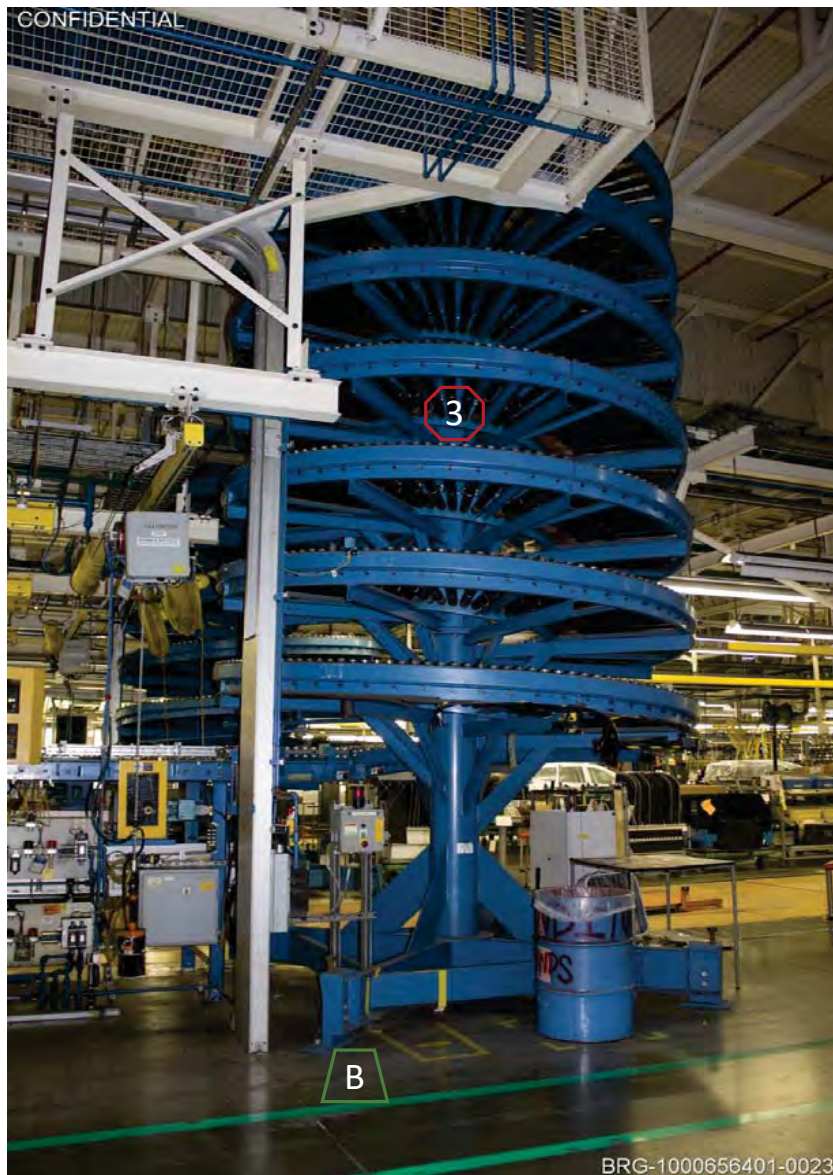
The HMI control panel is attached to the floor with concrete lag bolts.

E

Electrical power and data are fed to and from the HMI control panel through flexible cabling.

2

HMI Control Panel



Asset Components

3

Spiral Conveyor

B

The spiral conveyor is attached to the floor with concrete lag bolts.

Picture 100065640-8 - Spiral Conveyor

Skillet Conveyor System
Asset ID 100066809 (Representative Asset No. 21)

GM Assembly Lansing Delta Township

Description of Asset

Description	Skillet Conveyor System
Manufacturer	Durr - Acco System
Model	N/A
Serial Number	N/A

Asset ID 100066809 consists of a conveyor system used to transport vehicle skillets (the "Skillet Conveyor System"). The components of the Skillet Conveyor System include approximately 500 feet of wheel conveyor assembled from 5 foot individual sections, 18 drive rollers, and a main control panel. The Skillet Conveyor System is manufactured by Durr and is used to transport vehicle skillets along the final assembly line. This asset is located at GM's Lansing Delta Township assembly facility within the general assembly area. The modular components of the Skillet Conveyor System enable straightforward installation and removal and allow the asset's design to be adapted to the diverse needs of automotive manufacturers.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the pit floor

1. Pads/Foundations/Piers/Pits ----->	Pit (separate asset)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes - Railing surrounding pit	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Unknown
		12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [a]

Asset ID	100066809
Asset Description	GA CONVEYOR: SKILLET - FINAL - LEG 1
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM ASSEMBLY LANSING DELTA TOWNSHIP
Operation Description	PLANT GENERAL ASSEMBLY
In Service Date	11/14/2006
Total Installed Cost	\$1,484,980
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

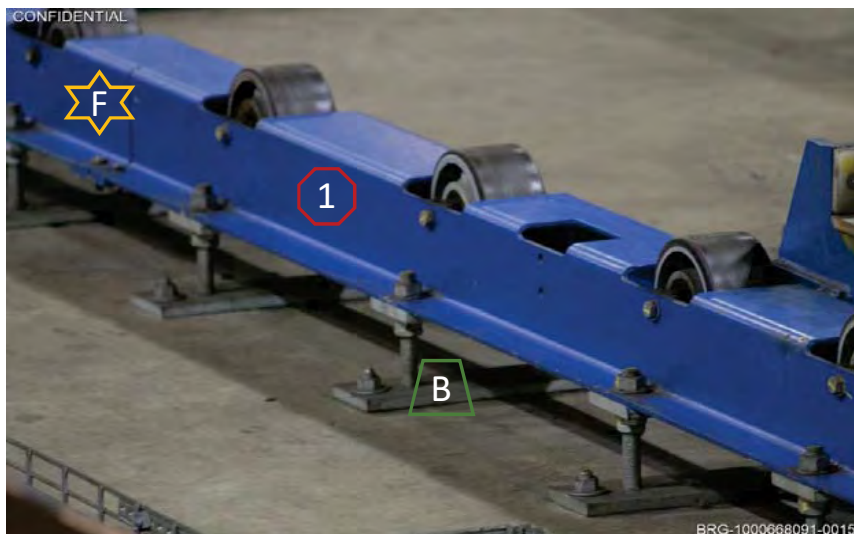
[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



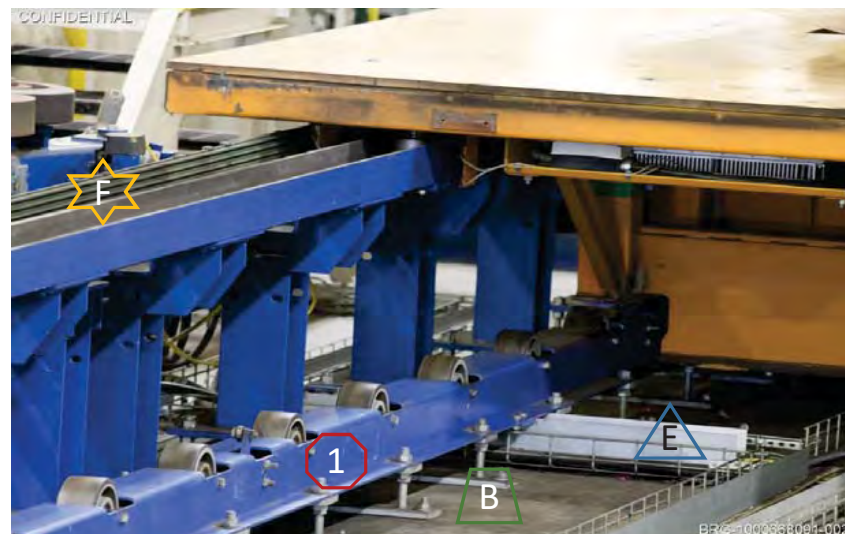
Picture 100066809-1 - Skillet Conveyor System

- 1** Left - Conveyor track with top mounted rollers and busbar mounted above. Right - Conveyor track with rollers.
- 2** Drive Rollers



Picture 100066809-2 - Wheel Conveyor

- B** The conveyor track is attached to the floor with lag bolts.
- F** The joint between two sections of the conveyor track. The 500 foot long conveyor is assembled from approximately 5 foot lengths of conveyor which are attached to each other with bolts.
- 1** Right - Conveyor track with top mounted rollers and busbar mounted above. Left - Conveyor track with rollers.



Picture 100066809-3 - Wheel Conveyor (cont.)

- E** Electrical and data wiring are contained in reconfigurable metal cable trays.
- B** The conveyor track is attached to the floor with lag bolts.
- F** The conveyor transmits electrical power and data to the individual skillets through bus bars.



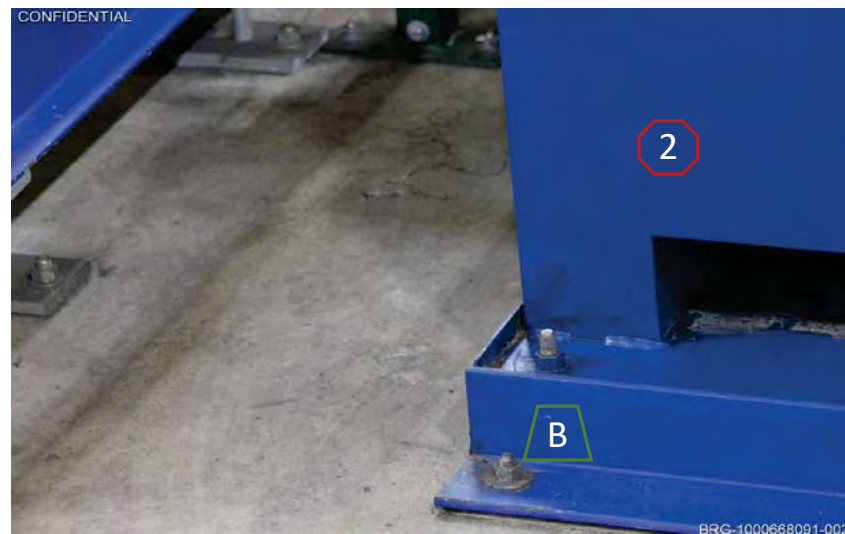
Picture 100066809-4 - Drive Roller



Wiring feeding electrical power to the drive roller uses quick disconnect fittings.



Drive Rollers



Picture 100066809-5 - Drive Roller



The drive roller is attached to the floor with lag bolts.



Picture 100066809-6 - Main Control Panel and Power Distribution Panel

3

Main Control Panel with HMI

F

Eye bolts mounted on top of the main control panel are used when moving the unit.

B

The main control panel is attached to the floor with lag bolts.

E

Electrical and data wiring uses quick disconnect fittings for easy separation.

Robot Gantry System
Asset ID 100069322 (Representative Asset No. 22)
GM Powertrain Warren Transmission

Description of Asset

Description	Robot Gantry System
Manufacturer	Fanuc Robotics America Inc
Model	N/A
Serial Number	N/A

Asset ID 100069322 consists of a gantry-mounted, robotic material handling system (the "Robot Gantry System"). The subject asset is located at GM's Warren Transmission facility within the six speed transmission assembly area. The Robot Gantry System is used to pick and place components for the pinion hard assembly line within the transmission assembly process. The gantry rail which supports the robot is attached to the floor with lag bolts. The robot controller is mounted on casters and can be freely moved after disconnection from electrical and data cabling.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab (Gantry)

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100069322
Asset Description	FANUC M-710IB/70T ROBOT - ASSEMBLY
Category	ROBOTS/SIMILAR DEVICES
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	7/31/2007
Total Installed Cost	\$270,101
Depreciable Life (Accounting)	8 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100069322-1 - Asset Components

1

Robot

3

Gantry Rail

2

Suspended Trolley

4

Gantry Support Columns



Picture 100069322-2 - Gantry



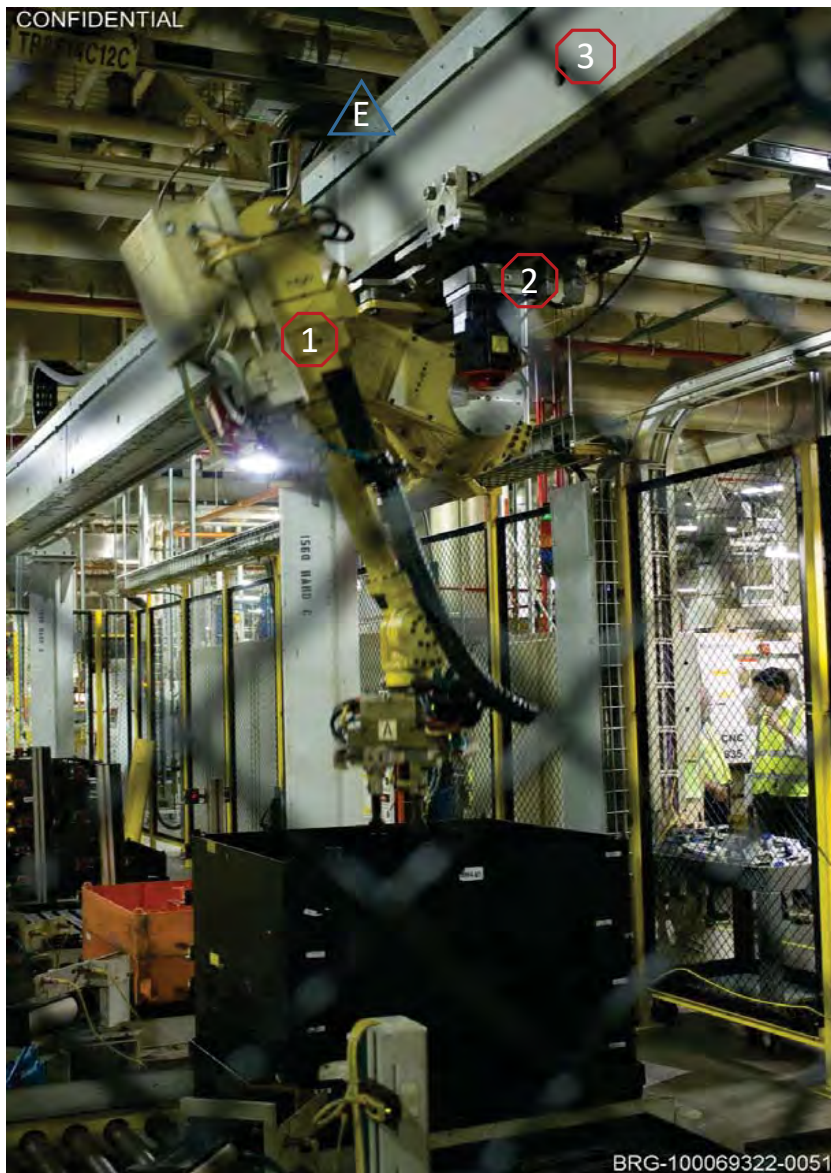
The gantry rail is supported by three support columns. The rail is attached to the columns with 90 degree angle brackets and allen bolts.



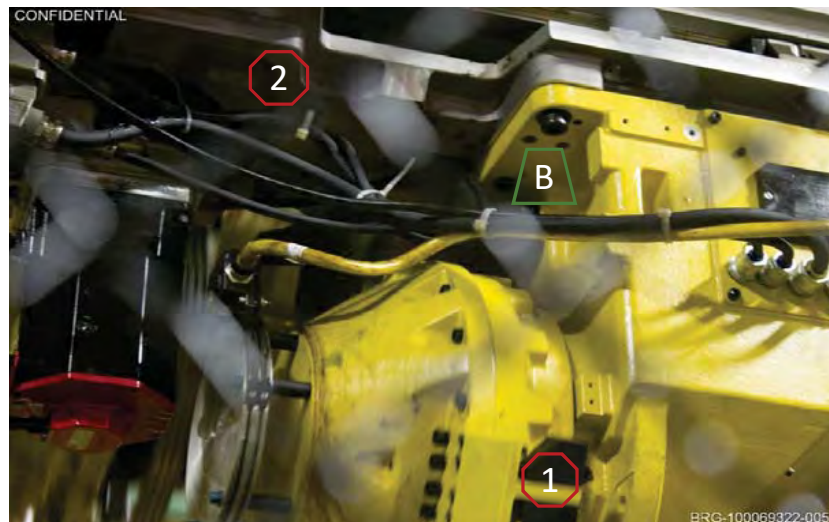
Gantry Rail



Gantry Support Columns



Picture 100069322-3 - Robot & Gantry Rail



Picture 100069322-4 - Robot & Gantry Rail

Connection and Attachment



Electrical and data wiring is fed to the robot through loose wiring contained in an open cable tray on top of the gantry rail.



The robot is attached to the suspended trolley with allen bolts.



Robot



Suspended Trolley



Gantry Rail



5

Robot Controller

F1

The robot controller is mounted on casters allowing it to be easily moved.

F2

Two top mounted eye bolts serve as lift points for the unit.

E1

Electrical connection to the robot controller via loose cabling and attached with a quick disconnect fitting.

E2

Electrical power and data are fed to the robot through loose cabling contained in reconfigurable metal cable trays attached to safety fence.

Picture 100069322-5 - Robot Controller

Coolant Filtration System
Asset ID 100070012 (Representative Asset No. 23)
GM Powertrain Warren Transmission

Description of Asset

Description	Coolant Filtration System
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID 100070012 consists of a centralized coolant/cutting fluid filtration system (the "Coolant Filtration System") in GM's Warren Transmission plant. The main components of the Coolant Filtration System include two sealed track, endless belt filtration units; a polish filter unit; a heat exchanger; a chip conveying system; piping; and an HMI control panel. For many of the components of the Coolant Filtration System, removal without damage to the assets or the realty would be possible by disassembling the components in an orderly fashion. However, the piping itself would likely be destroyed during removal, as handling of long runs of large diameter pipe would be impractical. Any trenches in the floor would also be destroyed upon removal from the realty, and their removal would leave the building significantly damaged, with holes in the floor and exposed soil below.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No & Yes
Permanent Annexation Intended	No & Yes

Concluded Classification **Both Fixture and Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Equipment lag bolted to the floor slab, trenches below grade

- | | |
|---|--|
| <p>1. Pads/Foundations/Piers/Pits -----> Trenches</p> <p>2. Piping/Ductwork Connections -----> Yes - Coolant, chilled water, and air piping</p> <p>3. Wiring/Electrical Connections -----> Yes - Data & Electrical</p> <p>4. Separate Control Panel/Operator Stand -----> Yes</p> <p>5. Catwalk/Platforms/Stairs/Railings -----> Yes</p> | <p>6. Asset Design/Construction Type -----> Some permanent construction, primarily reversible assemblage of components</p> <p>7. Asset Typically Sold with Land and Building -----> No</p> <p>8. Damage to Realty from Removal-----> Partial</p> <p>9. Damage to Subject Asset from Removal-----> Partial</p> <p>10. Similar Assets Removed from GM Facilities -----> Yes</p> <p>11. Similar Assets Relocated within GM for Reuse -----> No</p> <p>12. Similar Assets Traded on the Secondary Market -----> Yes</p> |
|---|--|

Fixed Asset Listing Information [a]

Asset ID	100070012
Asset Description	ALUMINUM MACHINING SYSTEM
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	6/1/2006
Total Installed Cost	\$1,946,878
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

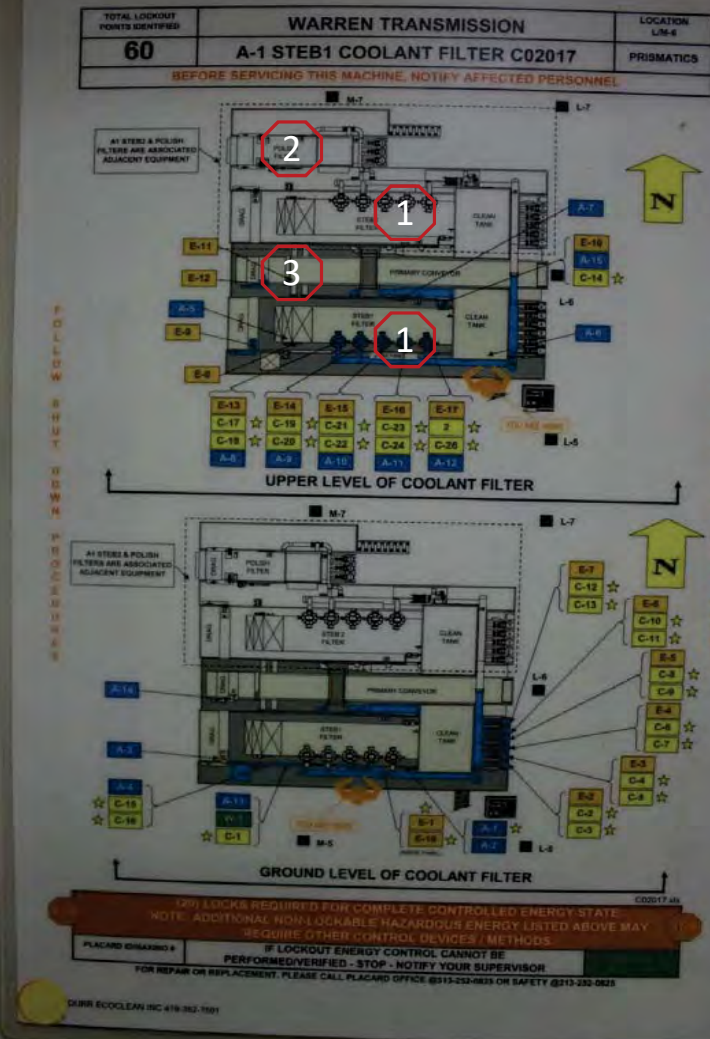
[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

CONFIDENTIAL

Asset Components

- 1 Main Filtration Units
- 2 Polish Filtration Unit
- 3 Chip Conveyor



BRG-Undetermined 2 of 3 (C02017)-0045

Picture 100070012-1 - Asset Diagram & Layout



Picture 100070012-2 - Coolant Filtration System

1

Main Filtration Units

3

Chip Conveyor

2

Polish Filtration Unit



Picture 100070012-3 - Main Filtration Unit (Attachment)

B

The main filtration units are attached to the building floor with angle iron clips and lag bolts in several spots around their perimeters

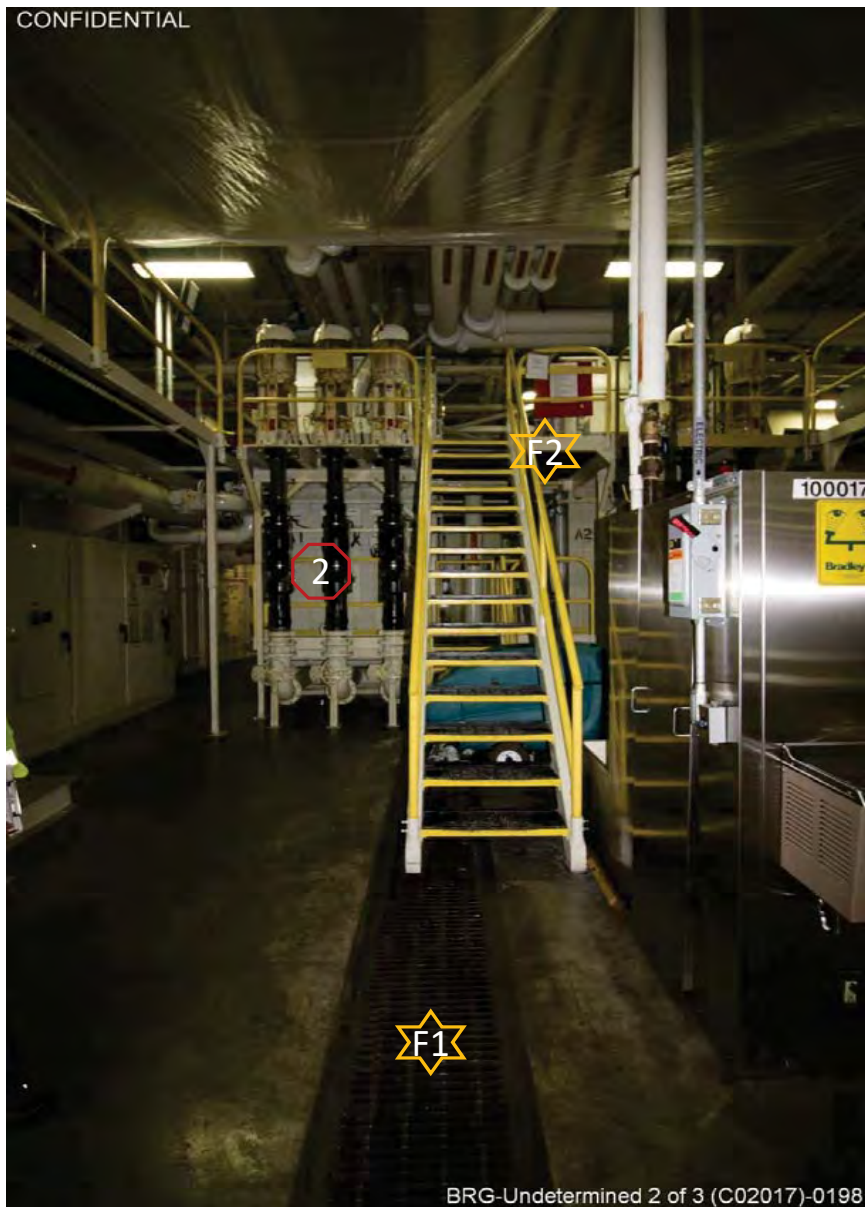


Picture 100070012-4 - Main Filtration Unit (Attachment)

F

Each main filtration unit has small I-beams welded across the tank bottom plate at 2' intervals; the beams sit directly on the building floor.

CONFIDENTIAL



Asset Components

F1

Drainage trenches in the building floor are installed for spill containment.

F2

Stairs lead to a catwalk which is attached to the coolant filtration system with bolts and is also lag bolted to the concrete floor.

2

Polish Filtration Unit

Picture 100070012-5 - Polish Filtration Unit



Picture 100070012-6 - Chip Conveyor



Picture 100070012-7 - Chip Conveyor (Attachment)

Connection and Attachment



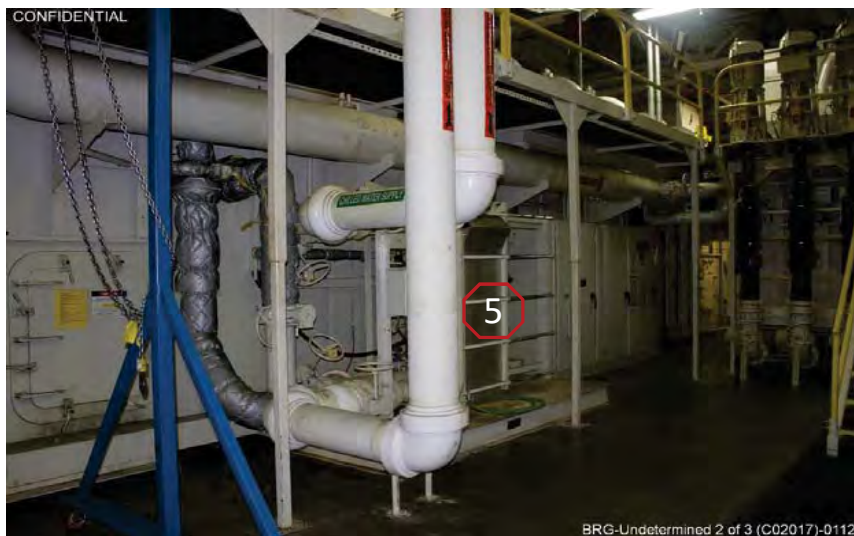
The chip conveyor is attached to the building floor with concrete lag bolts.



The chip conveyor system has lift points welded to several parts of the asset.



Chip Conveyor



Picture 100070012-8 - Chip Conveyor

5

Heat Exchanger



Picture 100070012-9 - Chip Conveyor (Attachment)

G

The heat exchanger is resting on the building floor without further attachment.

F

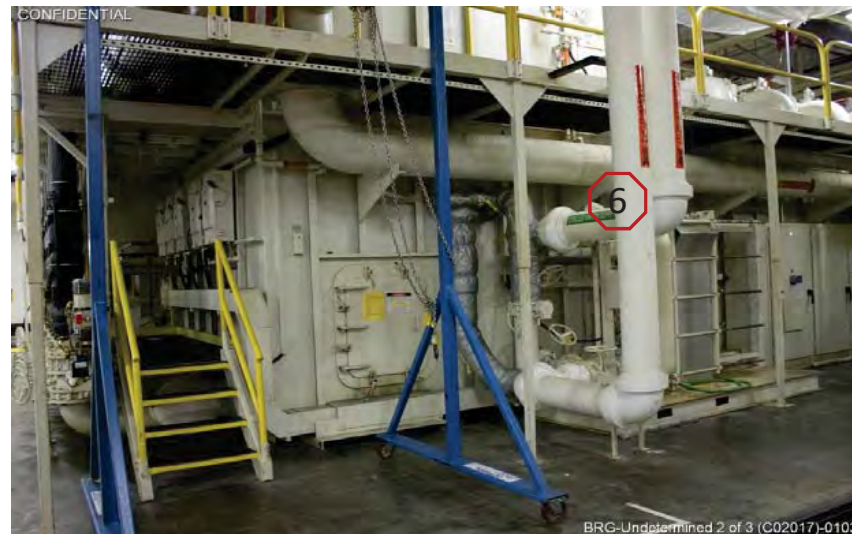
The heat exchanger is mounted on a steel skid with two openings which allow the skid to be lifted with a forklift truck.



Picture 100070012-10 - Piping



Larger diameter piping uses bolted flange connections when attaching to the coolant filtration system.



Picture 100070012-11 - Piping



Piping



Picture 100070012-12 - Control Panel

4

Control Panel

E1

Incoming electrical power is supplied from an overhead bus duct through metal conduit.

G

The control panel is resting on the floor and not attached by any other method.

E2

The control panel then feeds electrical power and data to the coolant filtration system by loose cabling contained in enclosed cable trays.

CNC Gear Shaper
Asset ID 100071009 (Representative Asset No. 24)

GM Powertrain Warren Transmission

Description of Asset

Description	CNC Gear Shaper
Manufacturer	Liebherr
Model	LFS 220
Serial Number	FN-7145

Asset ID 100071009 consists of a CNC gear shaping machine (the "CNC Gear Shaper") located within GM's Warren Transmission facility. In addition to the gear shaping machine, the main components of the CNC Gear Shaper include an HMI control panel, a hydraulic power pack, and an entry/exit conveyor section. The CNC Gear Shaper and its associated components are assembled using reversible attachment methods. Nut and bolt fasteners along with quick disconnect fittings are utilized where the components are affixed to one another, allowing for simple assembly and disassembly. The CNC Gear Shaper and all its related components either rest on the building floor without further attachment or are secured to by lag bolts.

Fixture Conclusions

Annexation to Realty	No & Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	Possible foundation/isolation slab	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping, fume duct	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal ----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal ----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes - Gear Hobber moved from St. Catharines
		12. Similar Assets Traded on the Secondary Market ----->	Yes

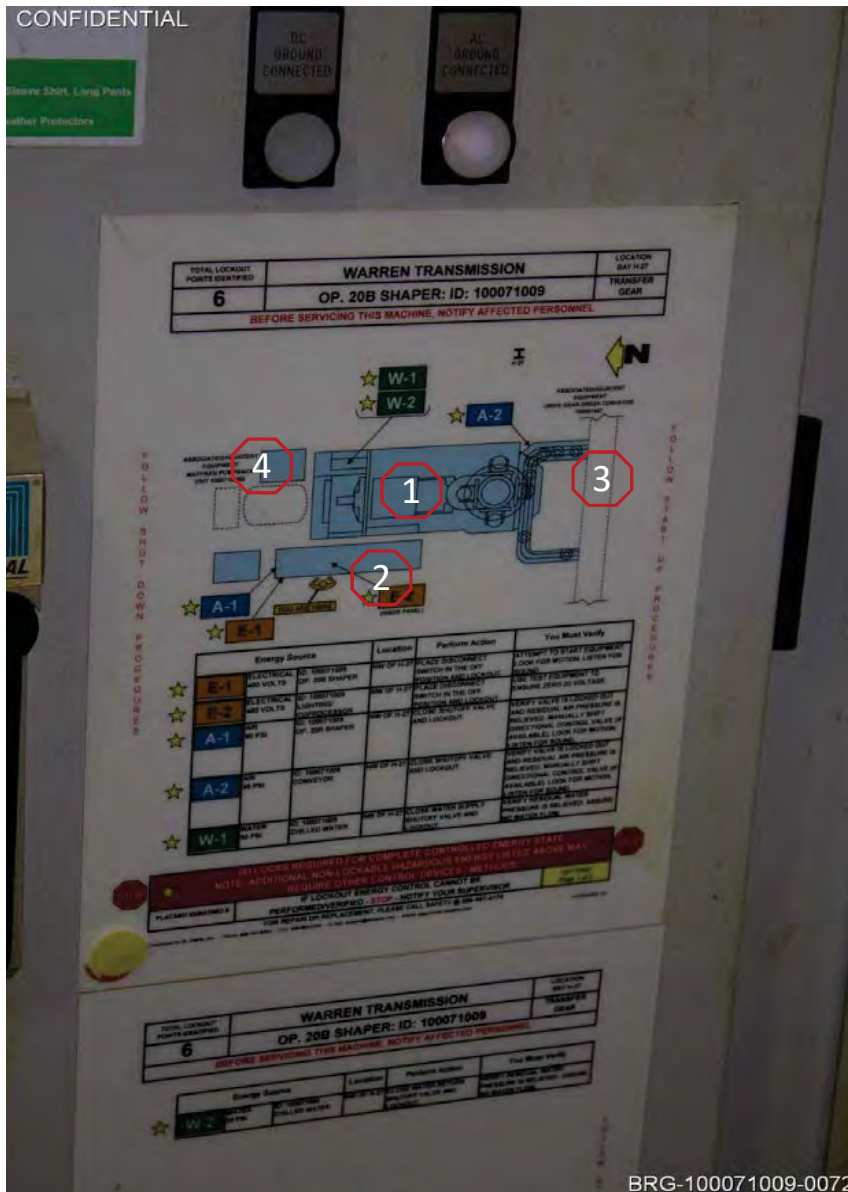
Fixed Asset Listing Information [a]

Asset ID	100071009
Asset Description	LFS220 BASE SHAPING MACHINE-OP 20 TRANSFER DRIVE GEAR
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	12/3/2007
Total Installed Cost	\$1,050,540
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

CONFIDENTIAL



Asset Components

- 1 CNC Gear Shaper
- 2 HMI Control Panel
- 3 Conveyor
- 4 Hydraulic Power Pack

BRG-100071009-0072

Picture 100071009-1 - Asset Diagram



Picture 100071009-2 - CNC Gear Shaper

1 CNC Gear Shaper



Picture 100071009-3 - CNC Gear Shaper



Picture 100071009-4 - CNC Gear Shaper

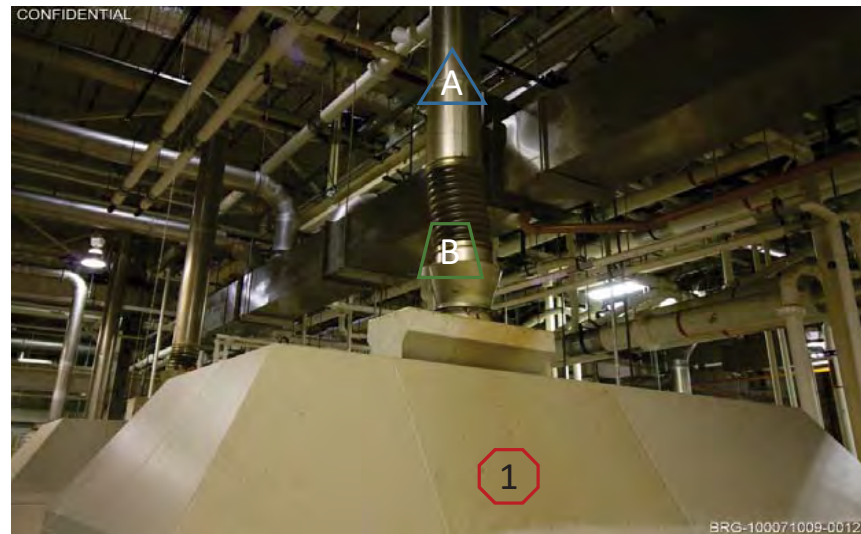
Connection and Attachment

G The CNC Gear Shaper is mounted on a number of vibration isolation pads, which are in turn resting in a steel drip pan laid on the building floor.

F A steel drip pan laid on the floor contains fluids dripping from the CNC Gear Shaper.



Picture 100071009-5 - CNC Gear Shaper



Picture 100071009-6 - CNC Gear Shaper

Connection and Attachment

- A** Exhaust ducting is connected to the machine to remove mist and fumes.
- W** Chilled water supply piping and water return piping feed into the right side of the machine. Threaded pipe unions are used to connect the pipes to the machine.
- B** The exhaust ducting is connected with a flanged joint that is bolted together to allow easy disconnection between the machine and the overhead duct.
- 1** CNC Gear Shaper



Picture 100071009-7 - HMI Control Panel



Electricity is supplied from an overhead removable bus plug via wire in conduit.



Compressed air is supplied from an overhead main header pipe.



HMI Control Panel





A transformer that supplies the control cabinet is affixed to the floor with lag bolts



The HMI control panel is resting upon the floor with no evident fasteners.



Asset Components

-  Eye-bolts mounted on top of the HMI control panel serve as lift points.
-  HMI Control Panel

Picture 100071009-8 - HMI Control Panel



Picture 100071009-9 - Conveyor



The conveyor uses various quick disconnect data wiring for sensors and speed control.



The conveyor is bolted to the adjacent CNC Gear Shaper and also attached to the building floor with lag bolts.



The conveyor frame is constructed of modular aluminum extrusions that allow for multiple configurations and various interchangeable parts. The pieces of tubing are connected by machine bolts and brackets.



CNC Gear Shaper



HMI Control Panel

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BRG-100071009-0053

Connection and Attachment



The power packs use various quick disconnect data wiring for sensors and control.



The power pack pumps fluid through closed loop, small diameter piping to the gear hobber. All connections utilize threaded compression fittings for ease of removal.



The power pack is not permanently affixed to the floor. The power pack's four legs pads rest on the building floor.



Hydraulic Power Pack

Picture 100071009-10 - Hydraulic Power Pack

Gear Hobber
Asset ID 100071022 (Representative Asset No. 25)
GM Powertrain Warren Transmission

Description of Asset

Description	Gear Hobber
Manufacturer	Liebherr
Model	LC 300
Serial Number	FM-1445 099604

Asset ID 100071022 consists of a computer numerical control gear hobbing machine (the "Gear Hobber"). The subject asset was originally installed and used in Old GM's St. Catharines, Ontario facility from 2005 to late 2007. The asset was deinstalled, transported, and reinstalled for production at the Warren Transmission facility in accordance with GM's policies to maximize its return on assets. The components of the Gear Hobber include a standalone human-machine interface ("HMI") control cabinet, the gear hobbing machine, two hydraulic power packs, and an entry/exit conveyor section.

Fixture Conclusions

Annexation to Realty	No & Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification	<u>Not a Fixture (Personal Property)</u>
---------------------------------	---

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	Possible foundation/isolation slab	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping, fume duct	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	N/A	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes – Subject asset moved from St. Catharines
		12. Similar Assets Traded on the Secondary Market ----->	Yes

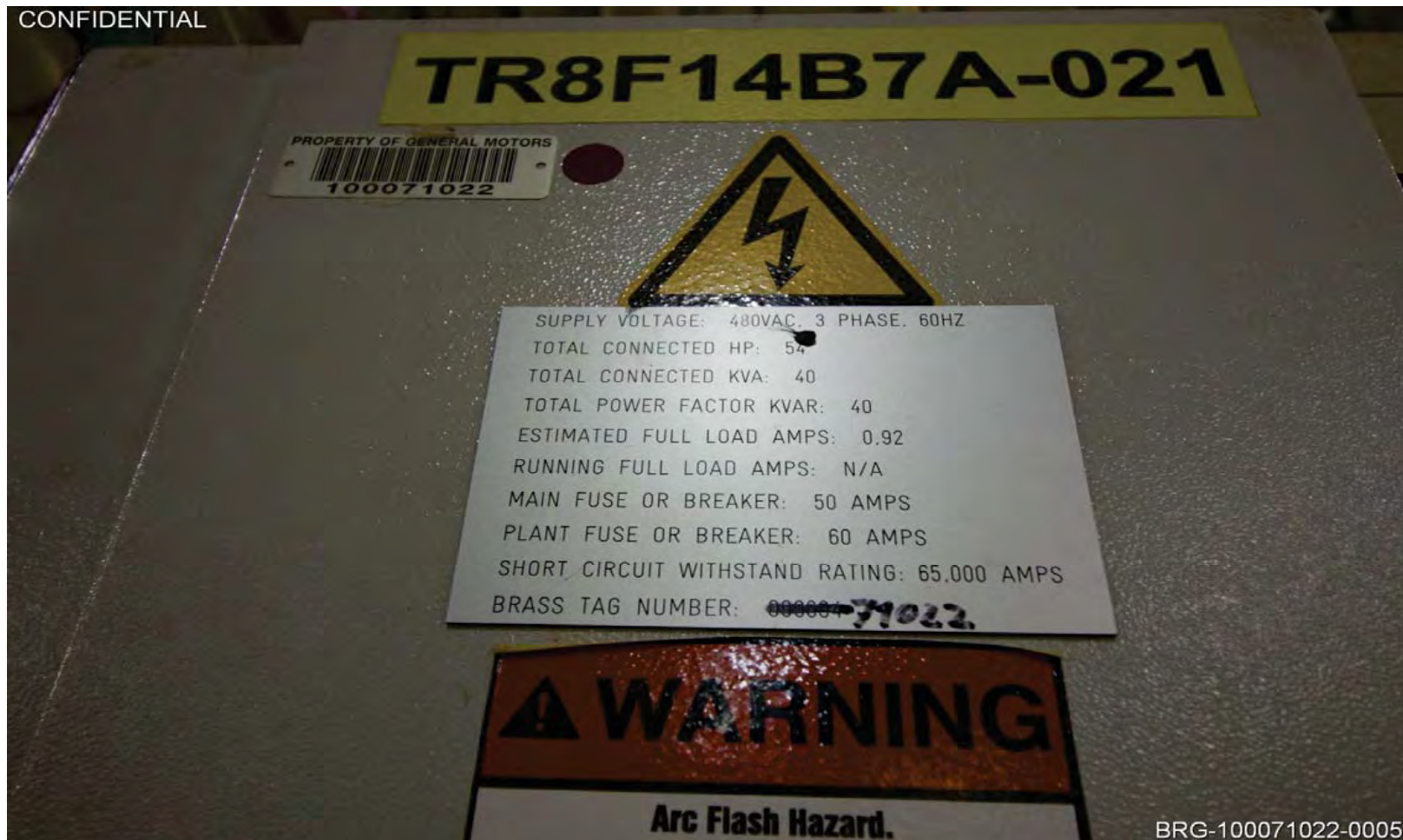
Fixed Asset Listing Information [a]

Asset ID	100071022
Asset Description	LIEBHERR HOBBI MACHINE FROM ST. CATHARINES
Category	MACHINE TOOLS
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	1/1/2008
Total Installed Cost	\$1,192,377
Depreciable Life (Accounting)	15 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

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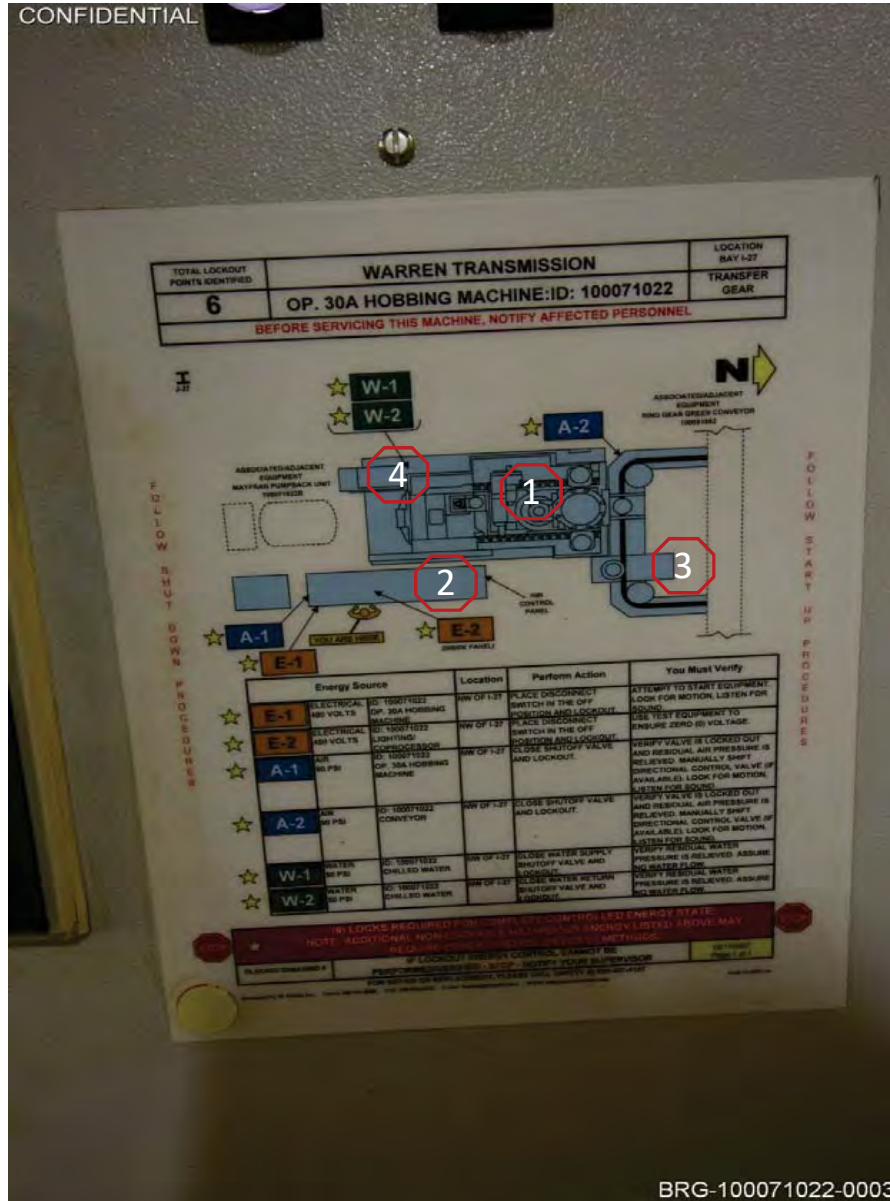


Picture 100071022-1 - Asset Tag

CONFIDENTIAL

Asset Components

- 1 Gear Hobbing Machine
- 2 Standalone Control Cabinet
- 3 Entry/Exit Conveyor Section
- 4 (2) Hydraulic Power Packs



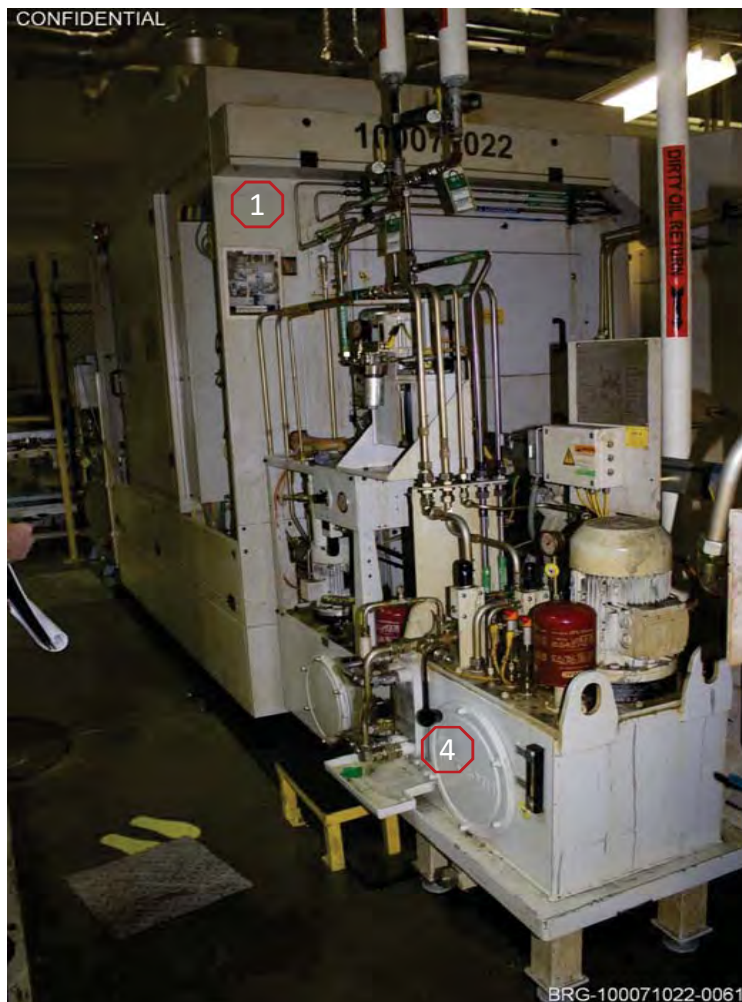
BRG-100071022-0003

Picture 100071022-2 - Asset Diagram & Layout



Picture 100071022-3 - Gear Hobbing Machine & Control

- 1 Gear Hobbing Machine
- 2 Standalone Control Cabinet



Picture 100071022-4 - Gear Hobbing Machine (Backside)

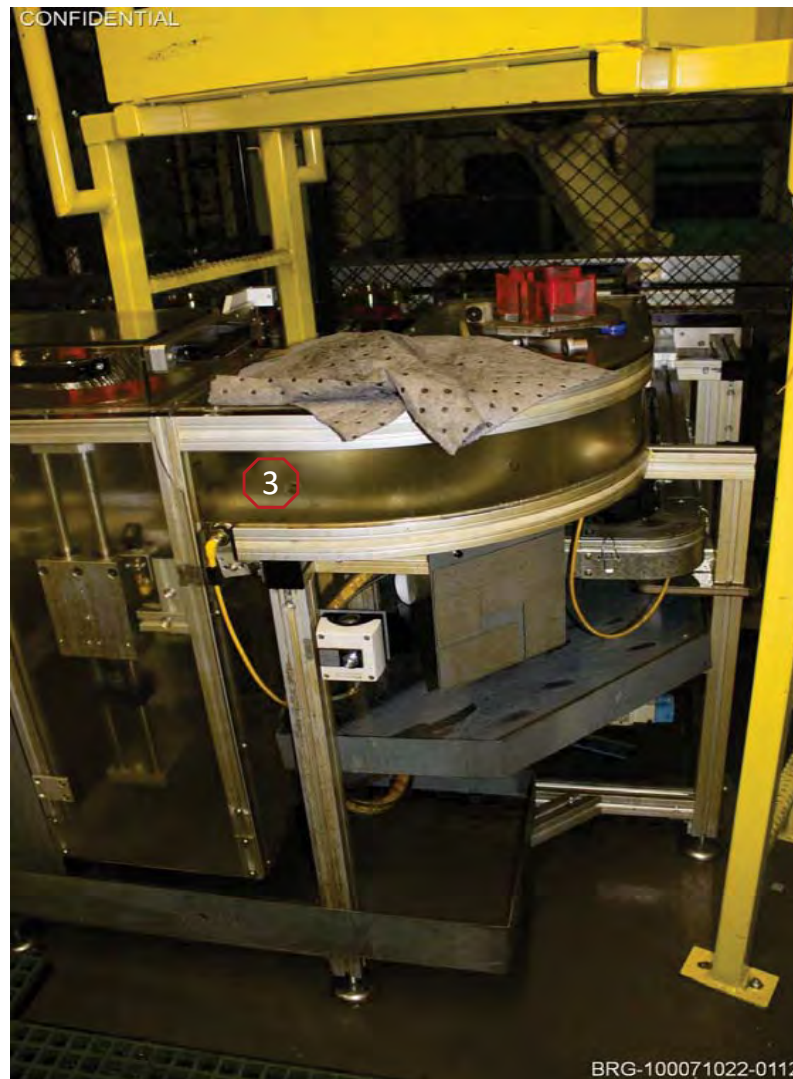
- 4 (2) Hydraulic Power Packs



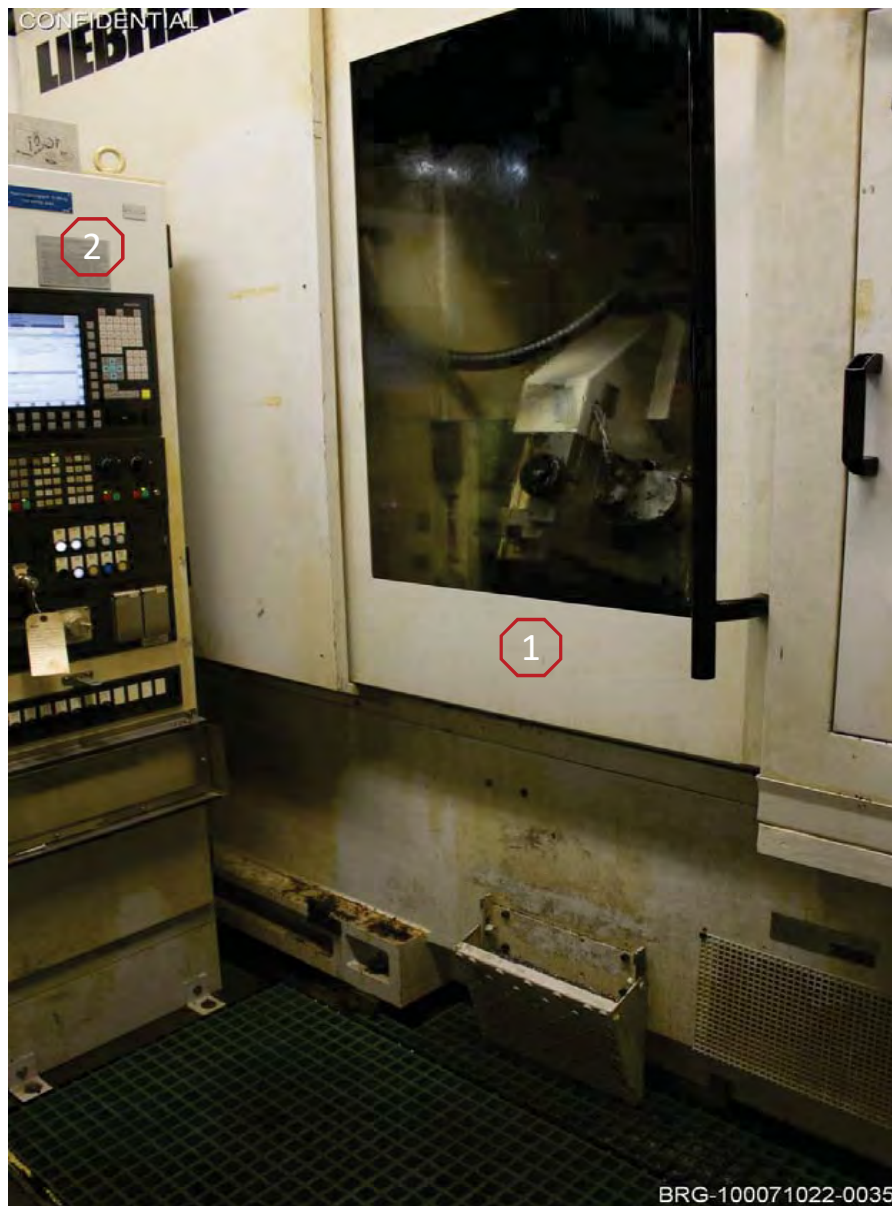
Picture 100071022-5 - Entry/Exit Conveyor Section

3

Entry/Exit Conveyor Section



Picture 100071022-6 - Entry/Exit Conveyor Section (90 degree)



Picture 100071022-7 - Gear Hobbing Machine (Front)



Picture 100071022-8 - Gear Hobbing Machine (Floor)

Connection and Attachment

G

Adjustable leveling pads are bolted to the gear hobbing machine base and rest on a drip pan under the machine. The drip pan lays on the building floor. The gear hobbing machine is not affixed to the building floor in any other way.

1

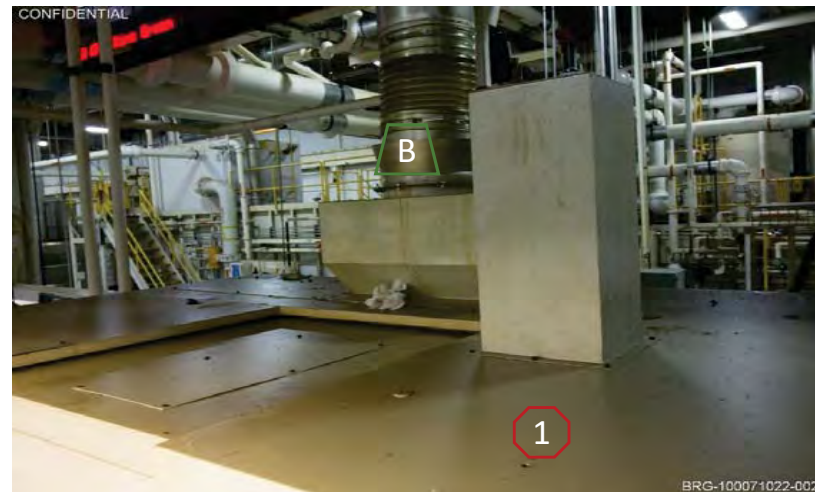
Gear Hobbing Machine

2

Standalone Control Cabinet



Picture 100071022-9 - Gear Hobbing Machine (Back)



Picture 100071022-10 - Gear Hobbing Machine (Top)

Connection and Attachment



Exhaust ducting is connected to the machine to remove mist and fumes.



Chilled water supply piping and water return piping feed into the right side of the machine. Threaded pipe unions are used to connect the pipes to the machine.



The exhaust ducting is connected with a flanged joint that is bolted together to allow easy disconnection between the machine and the overhead exhaust pipe.



Gear Hobbing Machine



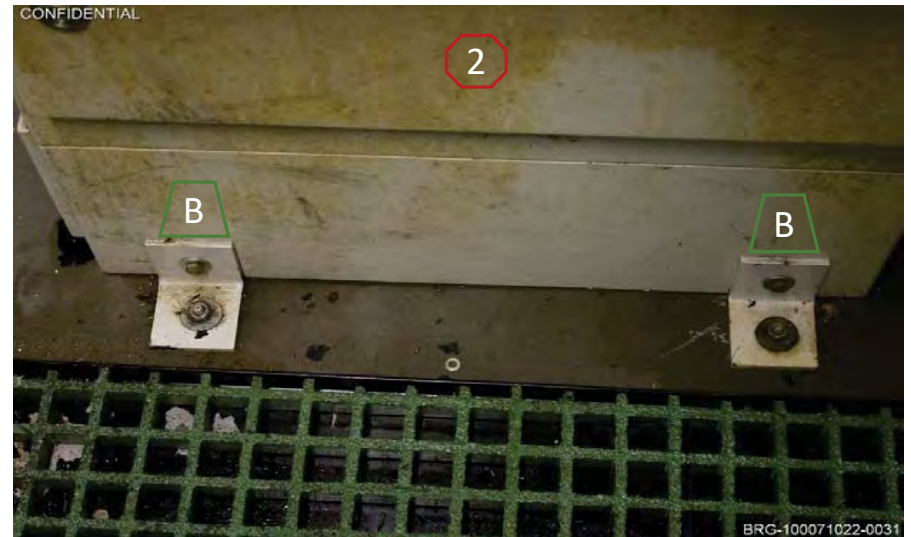
Entry/Exit Conveyor Section



(2) Hydraulic Power Packs



Picture 100071022-11 - Standalone Control Cabinet



Picture 100071022-12 - Standalone Control Cabinet
Attachment to the Building Floor

Connection and Attachment

B

L-shaped brackets are affixed to the floor using lag bolts.

1

Gear Hobbing Machine

2

Standalone Control Cabinet



Connection and Attachment

- A** Compressed air is supplied from an overhead main header pipe.
- E** Electricity is supplied from an overhead removable bus plug via loose cabling.
- B1** Channel steel supporting a small transformer that feeds the control cabinet is affixed to the floor with lag bolts.
- B2** L-brackets are affixed to the floor using lag bolts.
- F** Top mounted eye-hooks for lifting the control cabinet. Mounted on four corners.
- 1** Gear Hobbing Machine
- 2** Standalone Control Cabinet

Picture 100071022-13 - Standalone Control Cabinet



Picture 100071022-14 - Exit Conveyor w/ 90 degree turn



Picture 100071022-15 - Exit Conveyor w/ 90 degree turn

Connection and Attachment



The conveyor uses various quick disconnect data wiring for sensors and speed control.



The exit conveyor frame is attached to the frame of the gear hobbing machine in four places (two on each side of the conveyor) for stability.



In this part of the exit conveyor section, the frame rests on the building floor with leveling pads.



The conveyor frame is constructed of modular aluminum extrusions that allows for multiple configurations and various interchangeable parts. The pieces of tubing are connected by machine bolts and brackets.



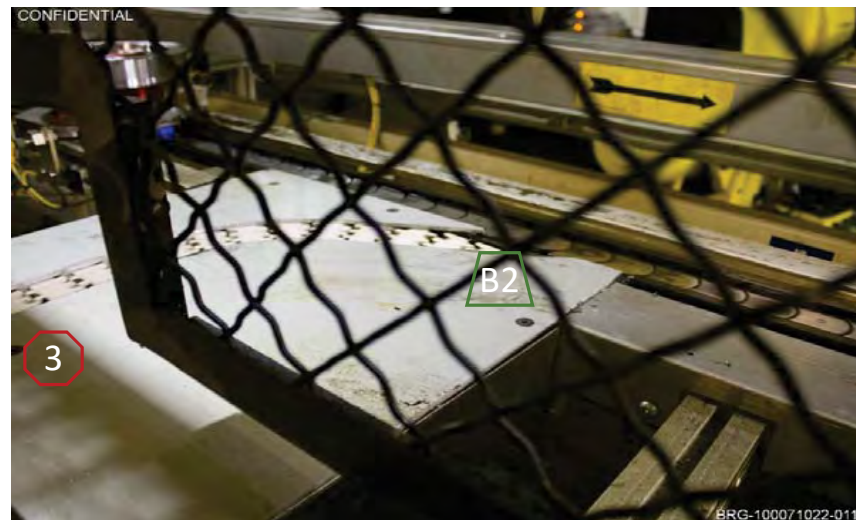
Gear Hobbing Machine



Conveyor sections



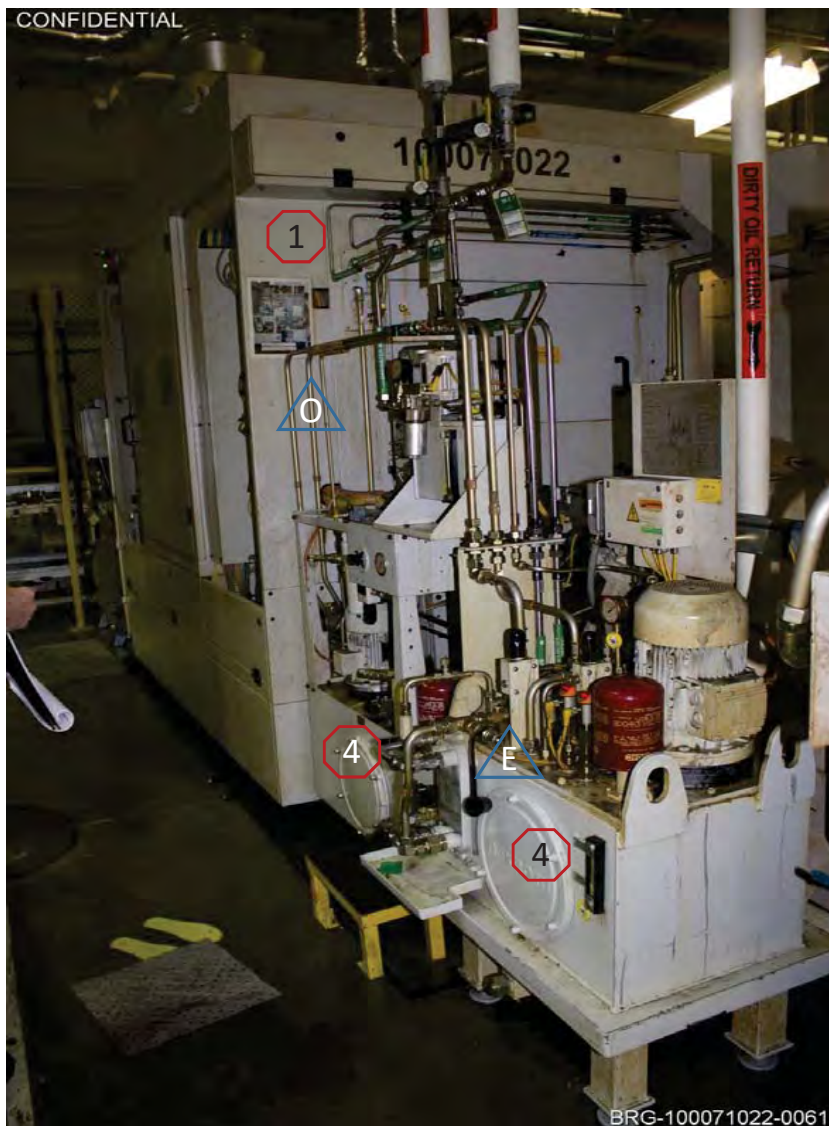
Picture 100071022-16 - Exit Conveyor meets Main Conveyor



Picture 100071022-17 - Exit Conveyor meets Main Conveyor

Connection and Attachment

- B1** Certain sections of the conveyor frame are stabilized by a bracket that is affixed to the building floor with a lag bolt.
- B2** The exit conveyor section is connected to the main conveyor by nut and bolt fasteners on the above gray top plate. The exit conveyor belt is completely separate from the main conveyor belt, as shown by the different belt colors and styles.
- 3** Conveyor sections



Picture 100071022-18 - (2) Hydraulic Power Packs



Picture 100071022-19 - (2) Hydraulic Power Packs (Floor)

Connection and Attachment



The power packs use various quick disconnect data wiring for sensors and control.



The power packs pump fluid through closed loop, small diameter piping to the gear hobber. All connections utilize threaded compression fittings for ease of removal.



The power pack is not permanently affixed to the floor. It rests on the machine's drip pan which rests on the building floor.



The power pack is not permanently affixed to the floor. The power pack's four legs with leveling pads rest on the building floor.



Gear Hobbing Machine



(2) Hydraulic Power Packs

Core Delivery Conveyor System
Asset ID 100095344 (Representative Asset No. 26)

GM Powertrain Defiance

Description of Asset

Description	Core Delivery Conveyor System
Manufacturer	Pioneer Industrial
Model	N/A
Serial Number	N/A

Asset ID 100095344 consists of a conveyor system (the "Core Delivery Conveyor System"). The Core Delivery Conveyor System is manufactured by Pioneer Industrial, using Lewco conveyors, and is used to transport mold cores within GM's Defiance Powertrain facility. The Core Delivery Conveyor System is comprised of six distinct sections of conveyor running approximately 130 feet in length, along with approximately 70 linear feet of suspended, 7' wide mezzanine, and an HMI control panel. The sectional/modular nature of the conveying equipment, the sectional fabrication of the mezzanine, and the methods of attachment all allow for removal of the Core Delivery Conveyor System without damage to either the building or the equipment itself.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No
Ohio Situated Property Addendum	The Core Delivery Conveyor System is not essential to the use of the building.

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to mezzanine which is clipped to trusses

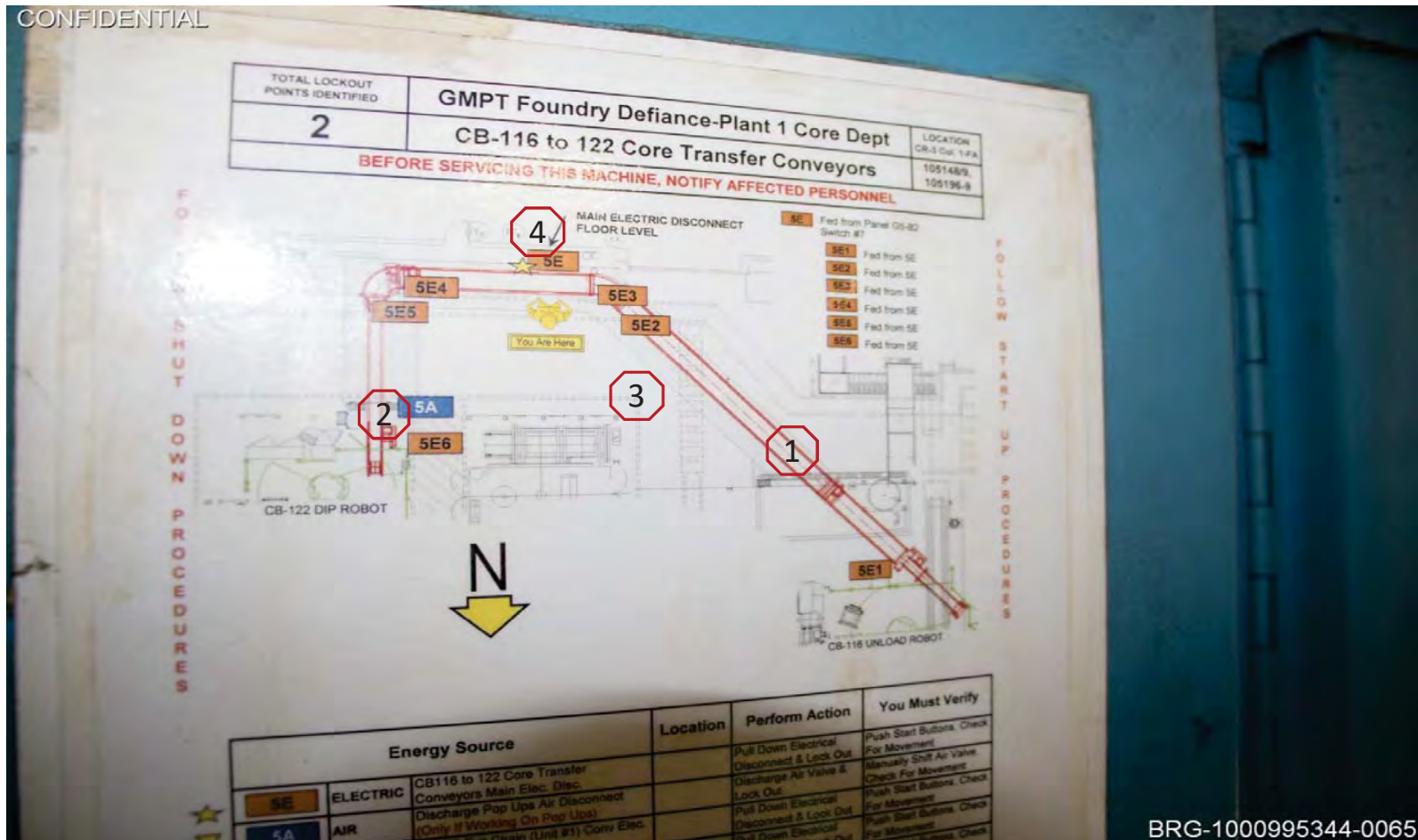
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Entire system is mounted on mezzanine	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Unknown
		12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [a]

Asset ID	100095344
Asset Description	CORE DELIVERY CONVEYOR SYSTEM CB116 & 122
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	CONVERSION
In Service Date	11/15/2007
Total Installed Cost	\$280,816
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

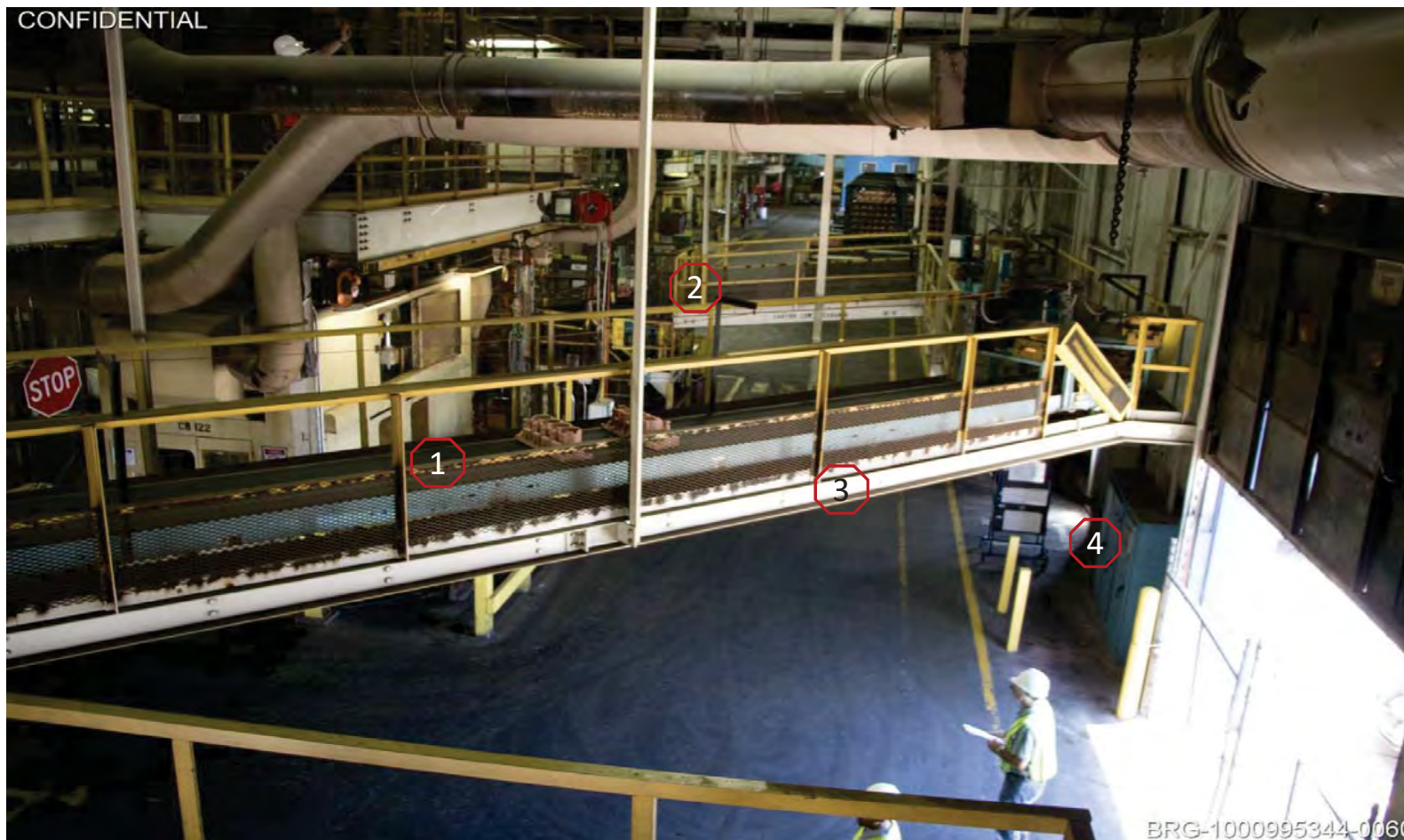
[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



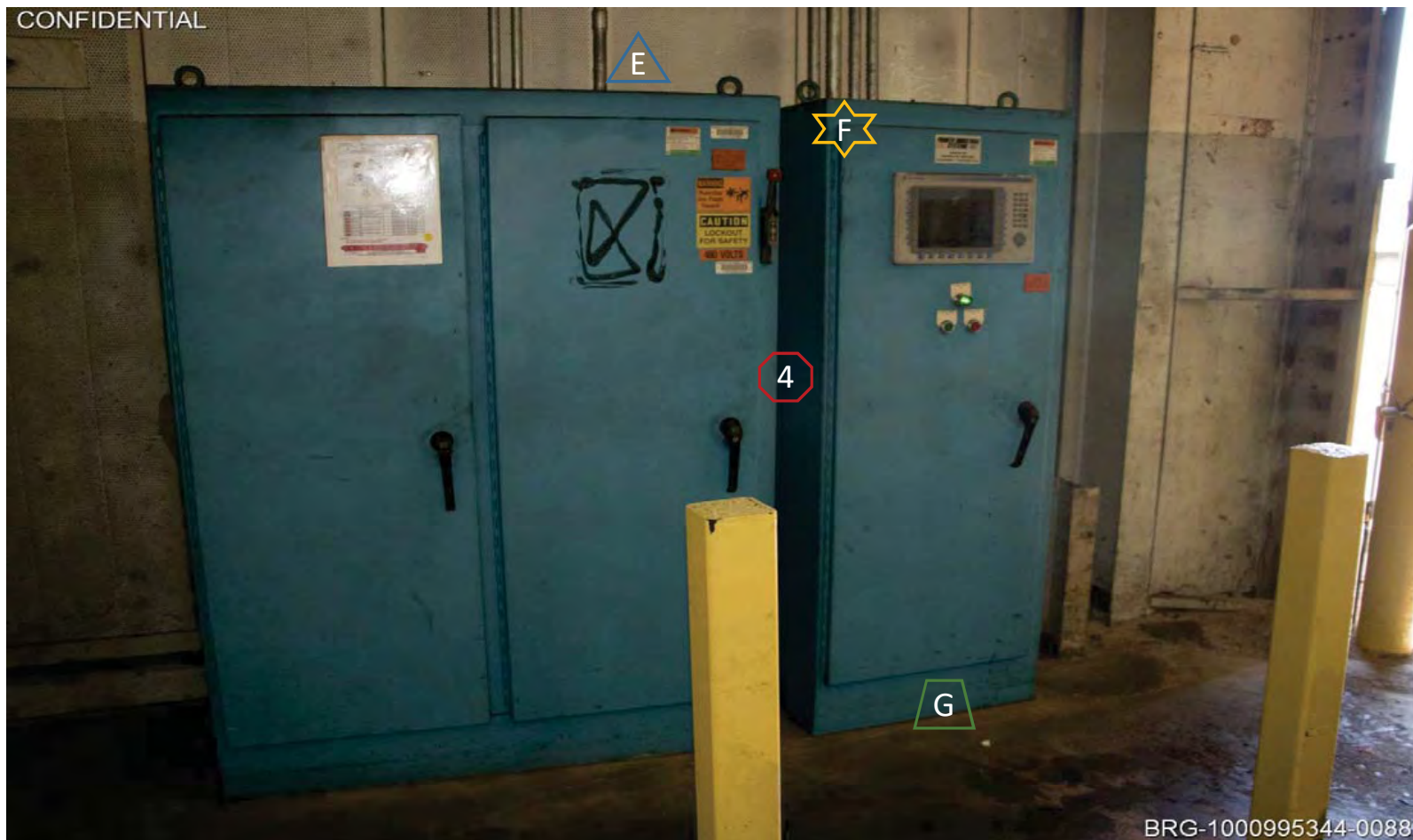
Picture 100095344-1 - Asset Diagram & Layout

- 1** Belt Conveyor
- 2** Chain-on-Edge Conveyor
- 3** Mezzanine
- 4** Control Panel (at floor level)



Picture 100095344-2 - Core Delivery Conveyor System

- | | | | |
|---|------------------------|---|--------------------------------|
| 1 | Belt Conveyor | 3 | Mezzanine |
| 2 | Chain-on-Edge Conveyor | 4 | Control Panel (at floor level) |



Picture 100095344-3 - Control Panel



Incoming electrical power is supplied from an overhead bus duct through metal conduit.



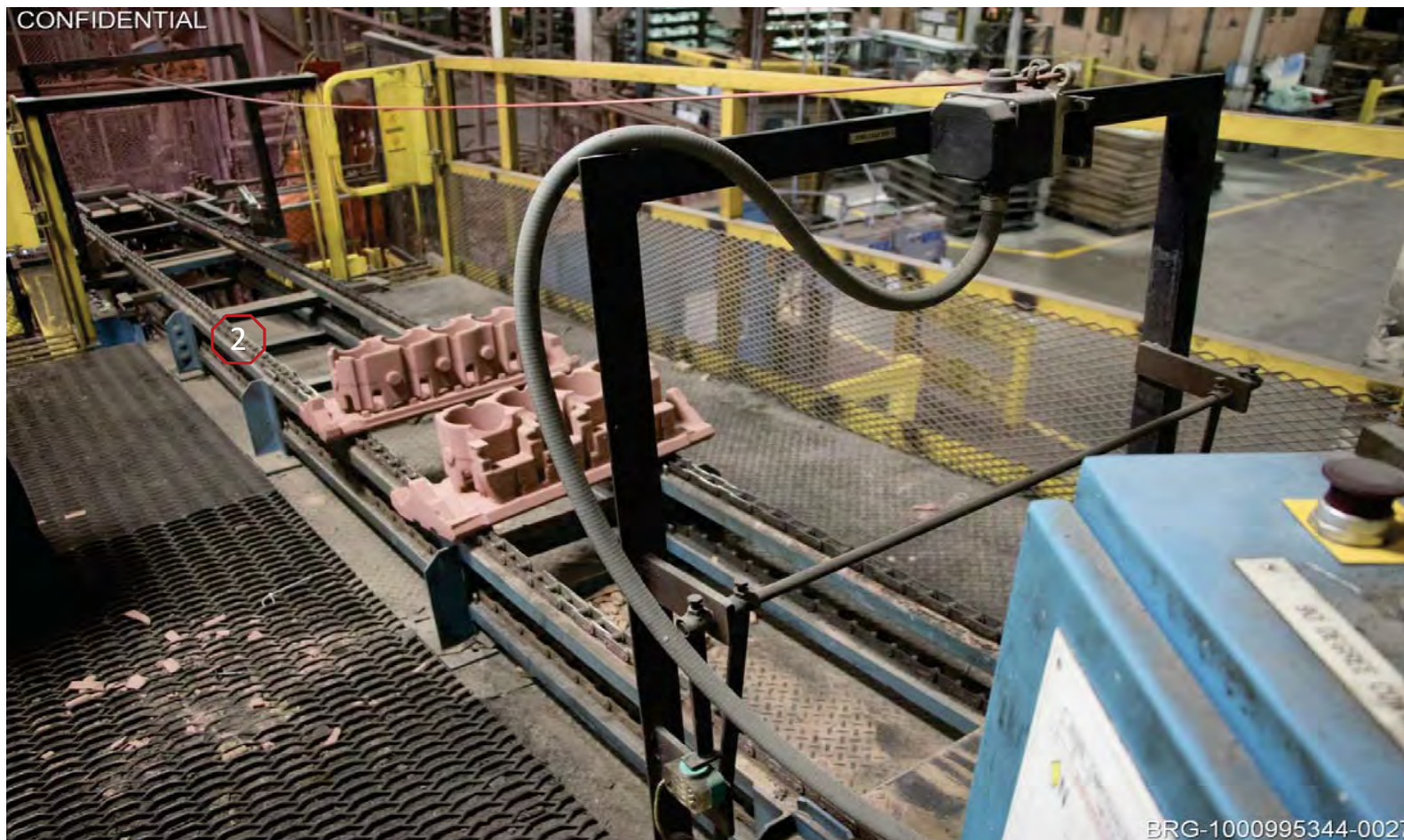
Top mounted eye-bolts act as lift points for the control panel.



The control panel rests directly on the building floor without further attachment methods.



Control Panel (at floor level)



Picture 100095344-4 - Chain-on-Edge Conveyor

2

Chain-on-Edge Conveyor



Picture 100095344-5 - Belt Conveyor

1 Belt Conveyor

3 Mezzanine

B The belt conveyor is assembled out of 15 foot long sections which are bolted together.



Picture 100095344-6 - Belt Conveyor



Belt Conveyor



Electrical power is delivered to the conveyor through rigid conduit.



Mezzanine



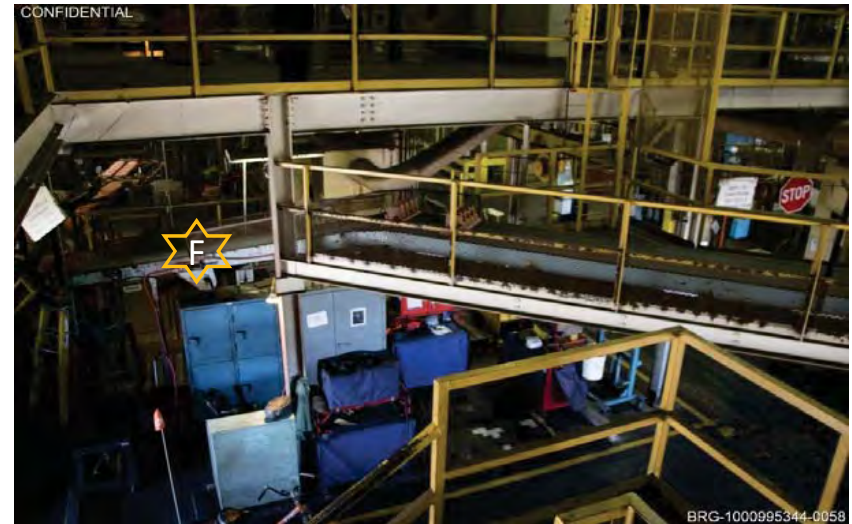
Picture 100095344-7 - Belt Conveyor (Attachment)

W

The belt conveyor located on the mezzanine is welded to the deck of the mezzanine.

1

Belt Conveyor



Picture 100095344-8 - Belt Conveyor

F

The inclined portion of the belt conveyor is supported with floor posts.



Picture 100095344-9 - Mezzanine

B1 The mezzanine is suspended from the building trusses with angle iron members which are attached to the mezzanine with bolts.

3 Mezzanine

B2 The sections of the mezzanine are attached to each other with bolts.

E Electrical power is distributed to the conveyor through rigid conduit mounted under the mezzanine.



Picture 100095344-10 - Mezzanine



Picture 100095344-11 - Mezzanine

Connection and Attachment

- B1** The mezzanine is attached to steel columns with nut and bolt fasteners.
- B2** The mezzanine is suspended from steel members which are clipped to a steel framework attached to the building trusses.
- 3** Mezzanine

Cupola No. 4 Emissions System
Asset ID 100098085 (Representative Asset No. 27)

GM Powertrain Defiance

Description of Asset

Description	Cupola No. 4 Emissions System
Manufacturer	Mactec Engineering
Model	N/A
Serial Number	N/A

Asset ID 100098085 consists of an emissions and abatement system for the number four cupola furnace ("Cupola No. 4 Emissions System") at GM's Defiance Powertrain Foundry. The Cupola No. 4 Emissions System, supplied by MACTEC Engineering, replaced the function of the original gas cleaning system for the No. 4 cupola. When it was installed in 2007, the Cupola No. 4 Emissions System reused some of the ductwork from the old gas cleaning system, and an existing fan and exhaust stack. The existing equipment has not been included in our analysis. In addition, a new building (Asset ID 100098083) to house the Cupola No. 4 Emissions System has also been excluded from our analysis.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No & Yes
Permanent Annexation Intended	No & Yes
Ohio Situated Property Addendum	The Cupola No. 4 Emissions System is not essential to the use of the building.

Concluded Classification **Both Fixture and Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to realty (vessels) or lag bolted to pier

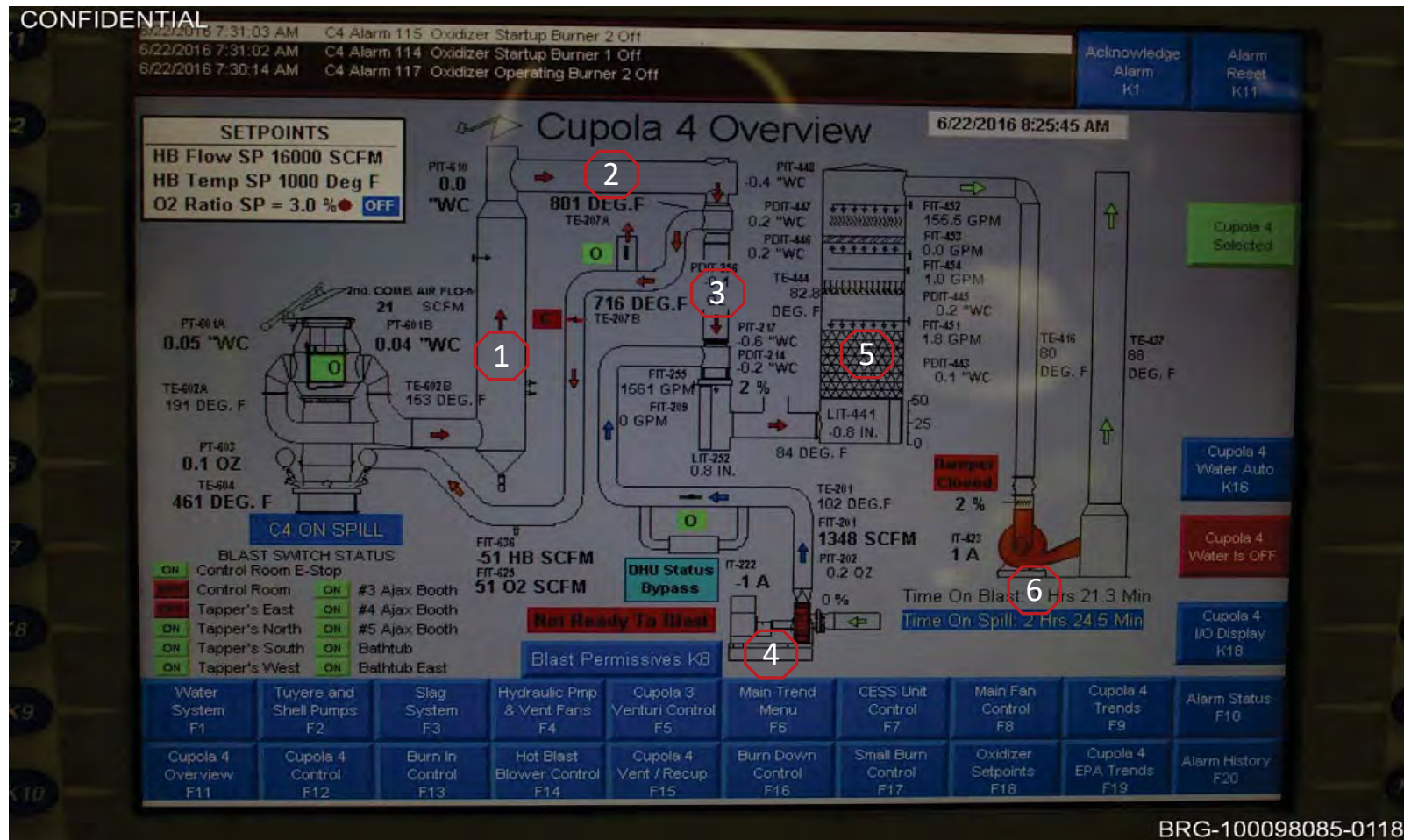
1. Pads/Foundations/Piers/Pits ----->	Pier with foundation	6. Asset Design/Construction Type ----->	Permanent and reversible construction and Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Electrical	8. Damage to Realty from Removal ----->	Partial
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal ----->	Partial (larger tanks)
5. Catwalk/Platforms/Stairs/Railings ----->	Yes	10. Similar Assets Removed from GM Facilities ----->	Yes - older gas cleaning equipment at Defiance
		11. Similar Assets Relocated within GM for Reuse ----->	Unknown
		12. Similar Assets Traded on the Secondary Market ----->	Partial (turbine blower and motor)

Fixed Asset Listing Information [a]

Asset ID	100098085
Asset Description	EMISSIONS SYSTEM #4 CUPOLA
Category	FORGING EQUIPMENT
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	POWERTRAIN CASTINGS
In Service Date	11/15/2007
Total Installed Cost	\$9,811,712
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture 100098085-1 - Asset Components and Process Flow

Asset Components

- | | | |
|---------------------------|------------------------------|-----------------------|
| 1 Thermal oxidizer vessel | 3 Heat recuperator vessel | 5 Scrubber vessel |
| 2 Crossover duct | 4 Turbine Blower (Hot blast) | 6 Induction draft fan |



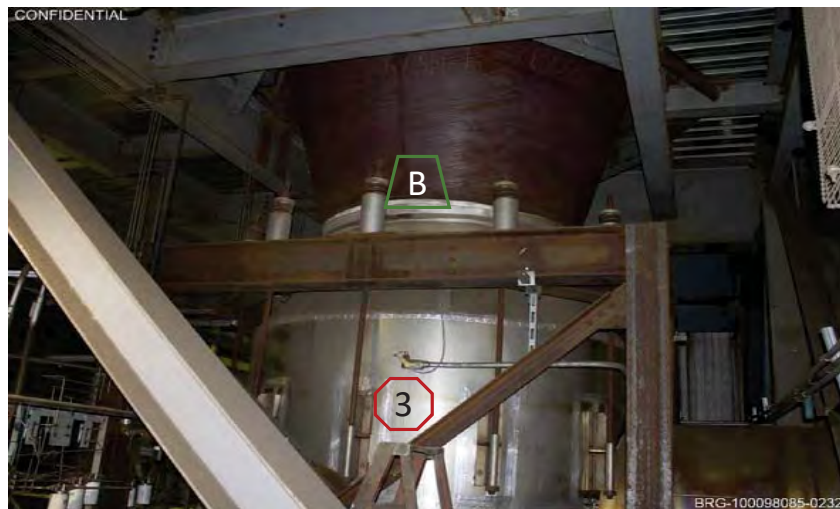
Picture 100098085-2 - Crossover Duct and Thermal Oxidizer



Picture 100098085-3 - Thermal Oxidizer Bottom Section

Asset Components

- 1 Thermal oxidizer lower end. Vessel extends through floors and building roof without attachment; it is supported from the top.
- 1.1 Upper end of thermal oxidizer extends through building roof, has pivoting cap and catwalk. Skirt covers vessels supports and roof opening.
- 2 10' diameter duct from thermal oxidizer to heat recuperator (not shown) spans gap between buildings.



Picture 100098085-4 - Heat Recuperator (Upper Section View)



Weight of recuperator vessel is suspended by coil springs and steel framework. Vessel cannot be attached to building due to heat expansion.



Picture 100098085-5 - Close up of Coil Spring Supports



Heat recuperator vessel



Picture 100098085-6 - Heat Recuperator (Mid Section View)



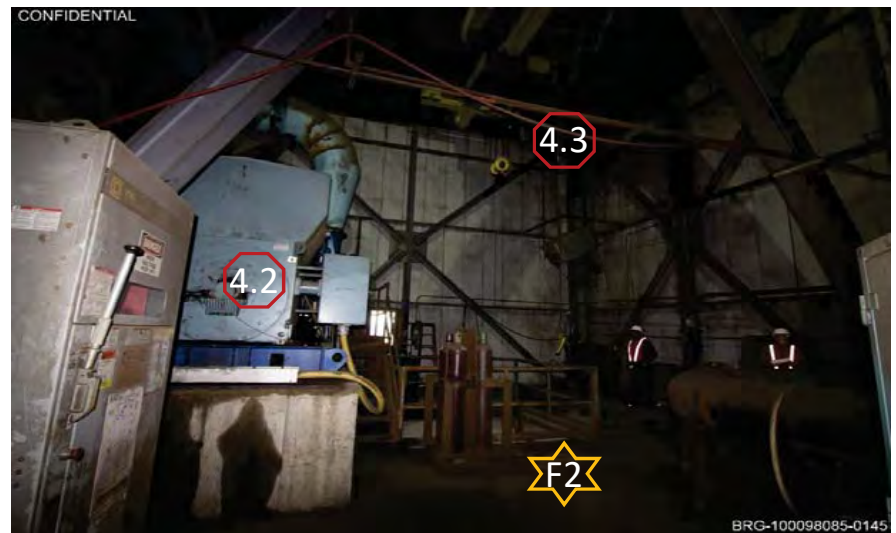
Vessel is installed through floor openings without attachment to accommodate heat expansion.



Picture 100098085-7 - Close up of Floor Opening



Picture 100098085-8 - Hot Blast Turbine Blower



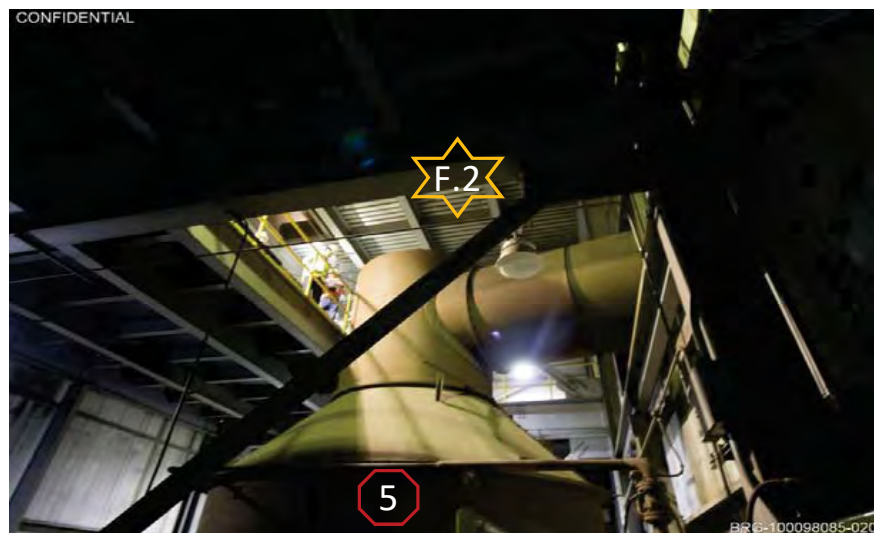
Picture 100098085-9 - Hot Blast Turbine Area

Asset Components

- 4.1 Turbine blower with top exiting duct to cupola tuyeres.
- 4.2 1,800 horsepower motor, skid mounted as a unit with blower on concrete pier.
- 4.3 Bridge crane with wire rope hoist (separate asset), capable of traveling over turbine blower.
- F1 Lifting eyes integrated into blower/motor skid for installation/deinstallation use.
- F2 Floor opening to ground level below allows for removing turbine blower without damage to realty



Picture 100098085-10 - Scrubber Vessel (Upper Section)



Picture 100098085-11 - Scrubber Vessel (Upper Section)

5 Scrubber vessel extends through multiple floors. Scrubbed gas exits from ductwork extending right.

F.1 Floor opening for scrubber vessel. Vessel is not attached to building; it is supported by legs attached to the base of the vessel.

F.2 Upper building framework prevents removal without damage to building or vessel. No roof opening is provided.

Ajax 100 Ton Holding Furnace
Asset ID 100099125 (Representative Asset No. 28)

GM Powertrain Defiance

Description of Asset

Description	Ajax 100 Ton Holding Furnace
Manufacturer	Ajax
Model	TGVPR80T
Serial Number	45-1202

Asset ID 100099125 appears to have consisted of a vertical channel holding furnace (the "Ajax 100 Ton Holding Furnace"). Since the Ajax 100 Ton Holding Furnace was retired and removed in 2010, we have relied solely on written information from New GM in our analysis, including equipment specifications from the manufacturer, operations and maintenance manuals, a photograph of the furnace, and blueprints. The asset was primarily comprised of a vertical channel holding furnace, a pit with foundation and equipment mounting pedestals, control panel, and associated utilities. The asset was installed and placed in service at Old GM's Defiance Powertrain facility in 2007 but was decommissioned and disposed of in 2010. As of the date of the plant inspection, all observable components of the Ajax Holding Furnace had been removed with minimal evidence of their previous installation.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No& Yes
Permanent Annexation Intended	No & Yes
Ohio Situated Property Addendum	The Ajax 100 Ton Holding Furnace is not essential to the use of the building.

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Pit and foundation constructed below grade, furnace equipment lag bolted to piers

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (part of asset)	6. Asset Design/Construction Type ----->	Permanent construction and Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	Partial
4. Separate Control Panel/Operator Stand ----->	Yes (part of asset)	9. Damage to Subject Asset from Removal----->	Partial
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (part of asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	No
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	100099125
Asset Description	100 TON VERTICAL CHANNEL HOLDING FURNACE
Category	FOUNDRY EQUIPMENT
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	POWERTRAIN CASTINGS
In Service Date	12/15/2007
Total Installed Cost	\$4,174,288
Depreciable Life (Accounting)	3 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



1 Vertical Channel Holding Furnace (lid has been removed)

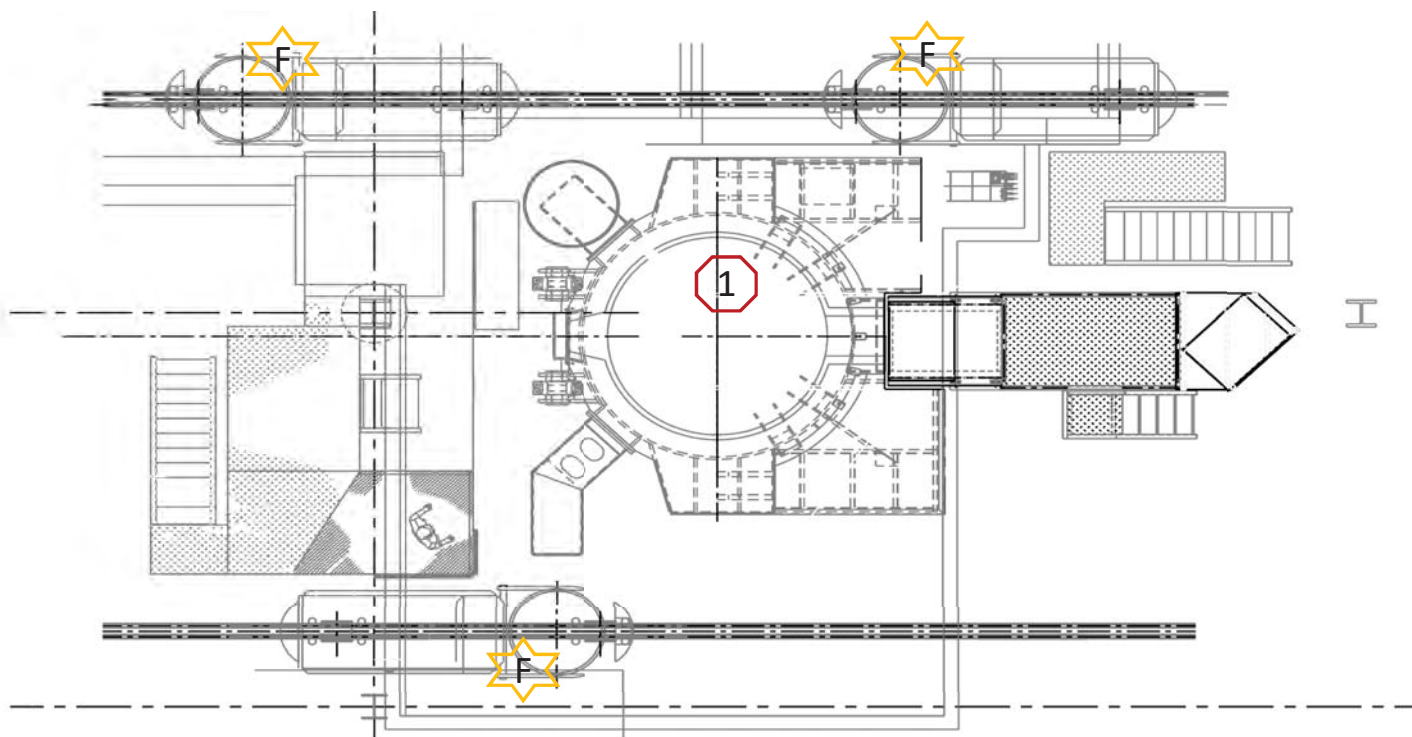
2 Pit

3 Platform

NEWGM000039598

M.L.C. V. J.P. MORGAN CHASE
PRODUCED PURSUANT TO PROTECTIVE ORDER

Picture 100099125-1 - Ajax 100 Ton Holding Furnace
(NEWGM000039598)



Picture 100099125-2 - Asset Diagram (Top View)
(NEWGM NEWGM000043369)



Three monorail mounted hot metal carriers were **not included** in Asset ID 100099125



Vertical Channel Holding Furnace

GG1 Clearing Transfer Press
Asset ID BF2016822 01 (Representative Asset No. 29)

GM MFD Grand Rapids

Description of Asset

Description	GG1 Clearing Transfer Press
Manufacturer	Clearing
Model	TSE8-3000-1500-216-108 4500
Serial Number	10-4704/10-4711

Asset ID BF2016822 01 consists of a two-station transfer-type stamping press manufactured by Clearing, Inc. (the "GG1 Clearing Transfer Press") which was placed in service in Old GM's Grand Rapids, Michigan Metal Fabrication Division plant in September 1989 and removed in 2010 when the press was sold in an auction. The GG1 Clearing Transfer Press is not owned by New GM and could not be inspected. The main components of the GG1 Clearing Transfer Press consist of the press stations, a press sound enclosure, main topside drive, dual rolling bolsters for each station, and electrical and control cabinets. The press foundation work (including pit, piers, tracks, etc.), scrap metal conveyor, electronic transfer rail system, and end of line system appear to not be included with the subject asset. The removal and sale of this press on the secondary market demonstrates that the asset is able to be removed from the realty and used elsewhere.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to piers

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (integral to asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes – This press sold in November 2010

Fixed Asset Listing Information [a]

Asset ID	BF2016822 01
Asset Description	TRANSFER PRESS-GG-1
Category	PRESS METAL EQUIPMENT
Company Name (Location)	GM MFD GRAND RAPIDS
Operation Description	CONVERSION
In Service Date	9/28/1989
Total Installed Cost	\$11,340,238
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Source: Motors-MM-000005

Picture BF201682201-1 - GG1 Clearing Transfer Press

1

Sound Enclosure surrounding
Press Stations

3

Electrical and Control Cabinets

2

Main Topside Drive

4

Stairs to Catwalk at Crown
Level

(7) STRAIGHT SIDE TRANSFER PRESSES

- 4 - **DANLY TS4-2000-216 X 108 TF 2000 TON STRAIGHT SIDE TRANSFER PRESSES;** S/Ns 86431601 & NAs; Stroke 30"; Strokes per Minute 12-24 Variable; Bed 108" x 216"; Die Height on Carrier 54"; Moving Bolster; Link Drive; Full Tonnage at 1/2" Up; Motorized Slide Adjustment 2"; Bolster 17" Thick; Windows 144"; 400 HP Drive Motor; Hydraulic Overload; Tri-Axis Transfer: 6-Stations; Transfer Press Lift 0-10"; Transfer Press Index 36"; Feed Stroke 27"; De-Stacker with Syron Multi Channel Double Blank Analyzer
- 2 - **CLEARING TSE8-3000-1500-216-108 4500 TON STRAIGHT SIDE TRANSFER PRESSES;** Tonnage: Station 1 - 3000 / Station 2 - 1500; Stroke: Station 1 - 26" / Station 2 - 37"; Strokes per Minute 6-9; Bed 108" x 216" (both Stations); Motorized Adjustment 12"; TP 2100 Clutch; Sheet De-Stacker; Schuler Piler
- 1 - **SCHULER TS4-600-125X54 600 TON STRAIGHT SIDE TRI-AXIS TRANSFER PRESS;** S/N 84-20.6123; Press B2 / SS1; Stroke 20"; Full Tonnage at 1/2" Above Bottom; Strokes per Minute 10-30 Variable; Bed 54" x 126"; Shut Height 45" to Rolling Bolster; Motorized Adjustment 2"; Transfer Unit #84-20.6126; Feed Pitch 18"; Sheet Loader; Stacker



Asset Components

- 1 Clearing TSE8-3000-1500-216-108 4,500 ton transfer press #E-1; sister press to press GG-1 at GM's Grand Rapids stamping plant

4 To schedule an auction, please call Hilco Industrial, LLC at 1-877-37-HILCO (44526)

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HILCO_00036693

Picture BF201682201-2 - Auction Brochure (Similar Press)

TP-14 Danly Transfer Press
Asset ID BGI20163301 (Representative Asset No. 30)

GM MFD Mansfield

Description of Asset

Description	TP-14 Danly Transfer Press
Manufacturer	Danly
Model	SE-4-2000-216X108
Serial Number	84416401

Asset ID BGI20163301 consists of a single-stand Danly transfer press (the "TP-14 Danly Transfer Press"). The subject asset was located at Old GM's Metal Fabrication Division facility in Mansfield, Ohio, which was closed in June 2010 as part of GM's re-organization plan. The TP-14 Danly Transfer Press was sold by an auctioneer, Maynards Industrial, acting on behalf of the RACER Trust, in a private treaty sale. The sale of this press to a buyer on the secondary market as well as GM's previous history transferring similar presses for use at different facilities demonstrates that the annexation of the press to the realty is impermanent in nature.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No
Ohio Situated Property Addendum	The TP-14 Danly Transfer Press is Not Essential to the Use of the Building.

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to piers

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (integral to asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes – This press sold in May 2011

Fixed Asset Listing Information [a]

Asset ID	BGI20163301
Asset Description	TP-14 CS1-1 TRANSFER PRESS DANLY ET-2
Category	PRESS METAL EQUIPMENT
Company Name (Location)	GM MFD MANSFIELD
Operation Description	CONVERSION
In Service Date	9/1/1987
Total Installed Cost	\$4,636,106
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.

Danly Tryout Press
Asset ID BUY11820901 (Representative Asset No. 31)
GM MFD Lansing Regional Stamping

Description of Asset

Description	Danly Tryout Press
Manufacturer	Danly
Model	SE-4-4000-180X96
Serial Number	79372301

Asset ID BUY11820901 consists of a Danly 4,000 ton straight side press (the "Danly Tryout Press") being used for die tryout purposes at the Lansing Regional Stamping facility. The main components of the Danly Tryout Press are a single press stand with 4-point eccentric drive, dual rolling bolsters, press beams, a transformer, five die cushion tanks, and electrical control cabinets. The Danly Tryout Press was originally manufactured in 1979 and placed in service in GM's Metal Fabrication Division facility in Indianapolis in 1980. GM later transferred the Danly Tryout Press to the Lansing Regional Stamping plant in 2003. Given that the Danly Tryout Press has already been moved from another GM plant to its current location, this asset is clearly able to be de-installed and moved elsewhere again without damage to the asset.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to piers (separately capitalized)

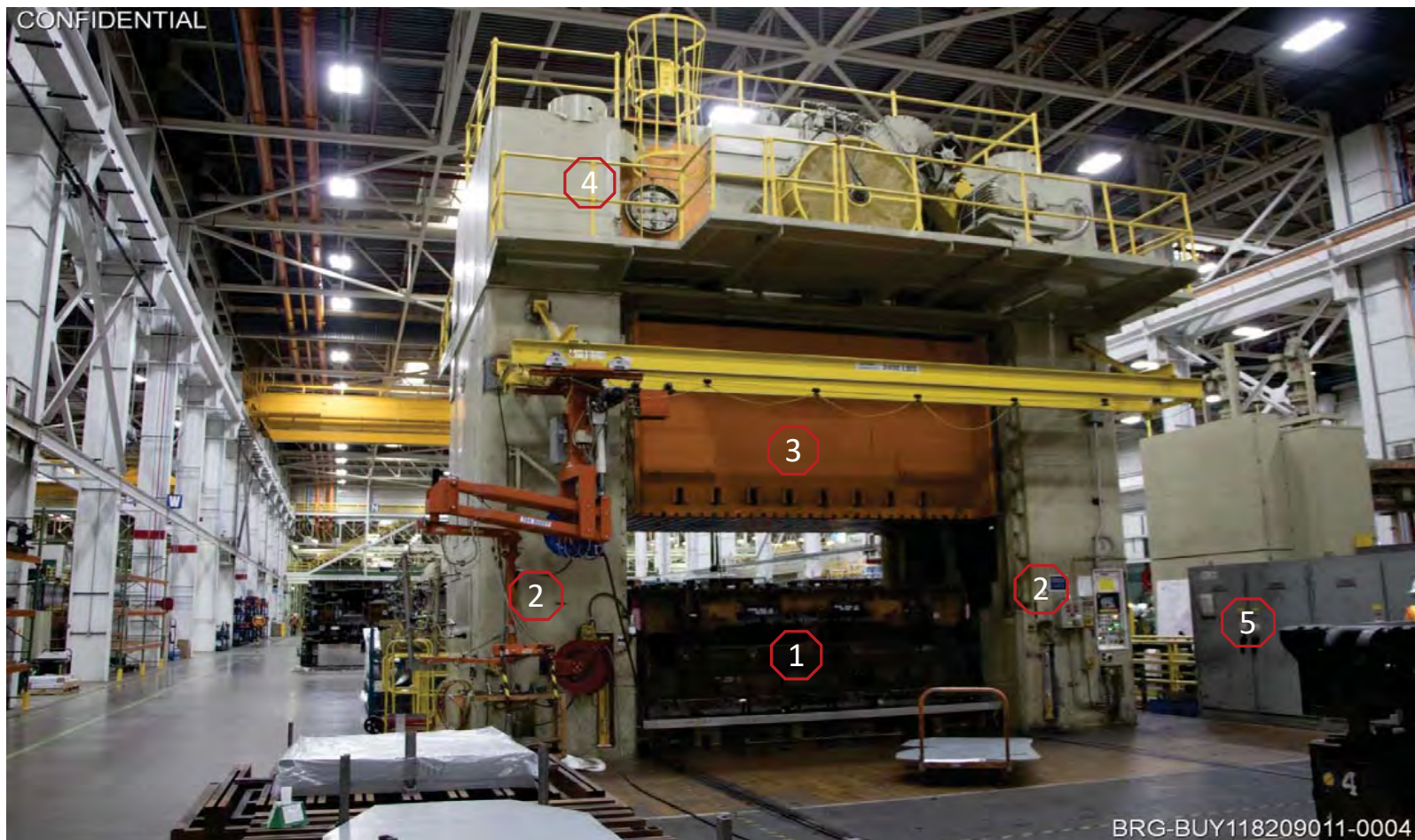
1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (integral to asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes – Subject asset moved from Indianapolis
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	BUY11820901
Asset Description	DANLY 4000 TON PRESS
Category	PRESS METAL EQUIPMENT
Company Name (Location)	GM MFD LANSING REGIONAL STAMPING
Operation Description	CONVERSION
In Service Date	10/1/1980
Total Installed Cost	\$2,729,407
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

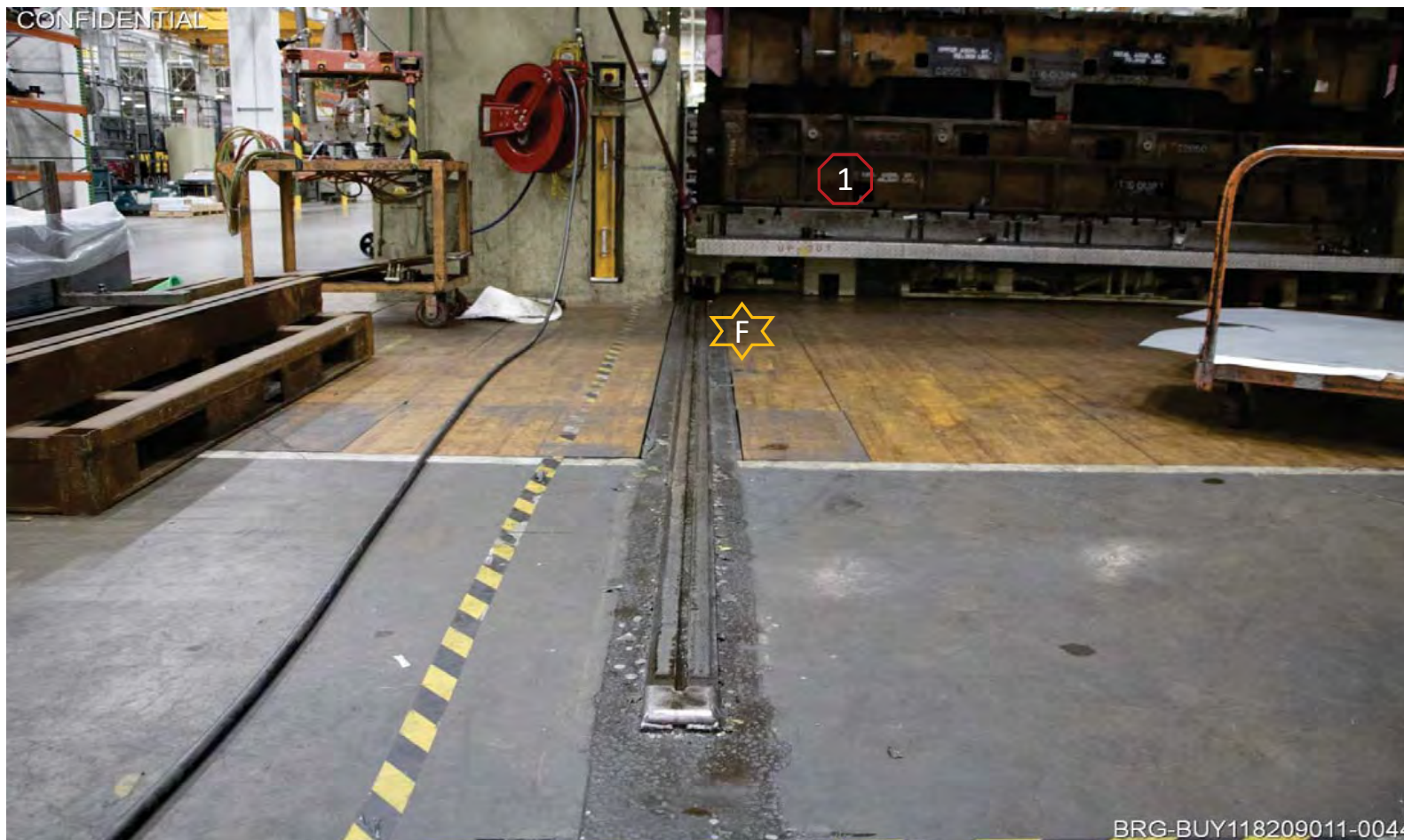
[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture BUY11820901-1 - Danly Tryout Press

- | | | | | | |
|---|------------------|---|-------|---|-----------------------------|
| 1 | Rolling Bolsters | 3 | Slide | 5 | Electrical Control Cabinets |
| 2 | Uprights | 4 | Crown | | |



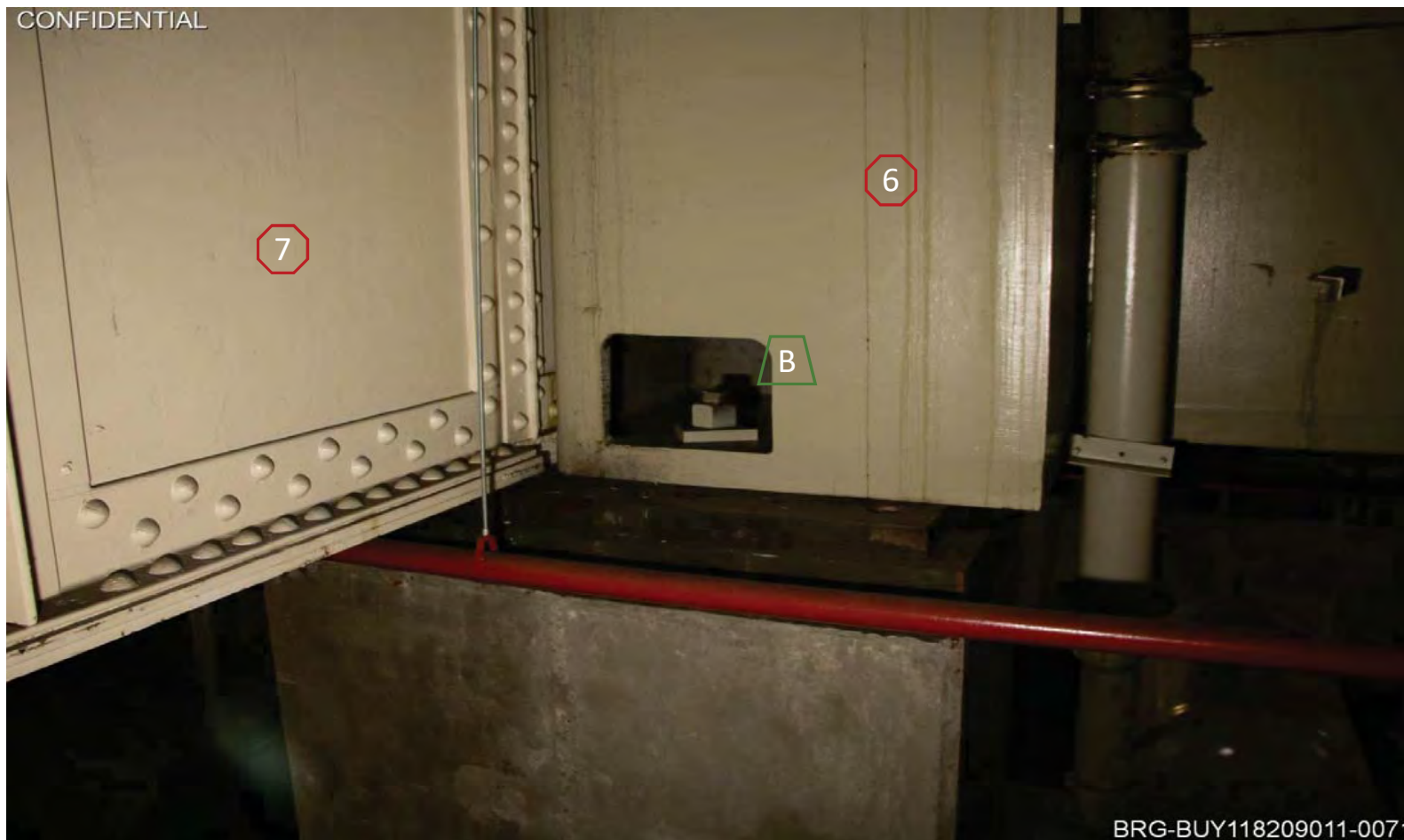
Picture BUY11820901-2 - Rolling Bolster



The moveable rolling bolsters have wheels which travel on sets of tracks embedded in the floor.



Rolling Bolsters



Picture BUY11820901-3 - Press Bed and Beams

6 Press Bed

7 Press Beam

B The four corners of the press bed are secured to concrete piers with bolts that attach to threaded rod embedded in the pier.



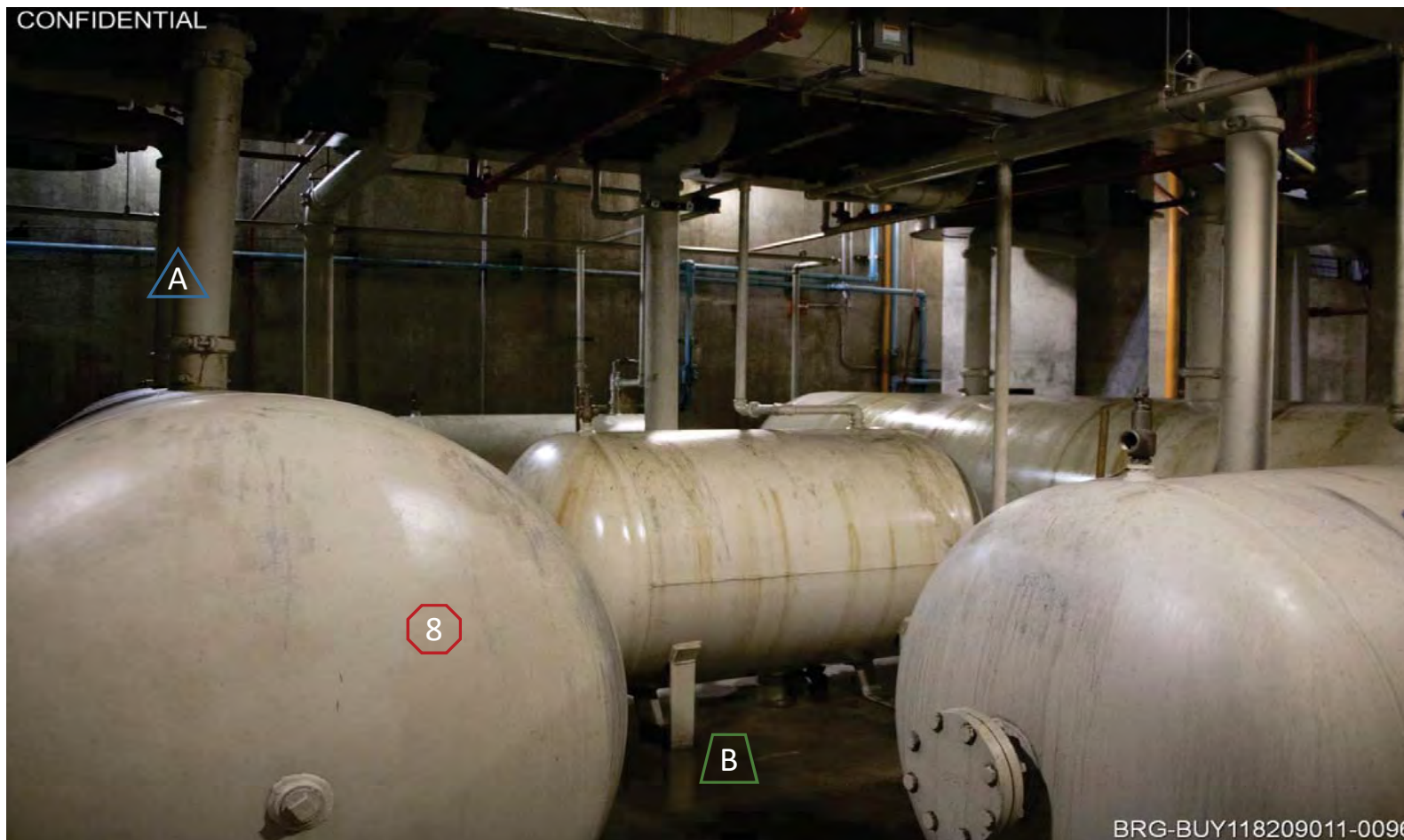
Picture BUY11820901-4 - Press Beams



Two press beams are resting on concrete piers and support a structural steel framework for a floor level deck around the press.



Press Beam



Picture BUY11820901-5 - Die Cushion Tanks

8

Die Cushion Tanks

B

Each tank has four steel strap feet, which are attached to the pit floor with lag bolts.

A

Steel air piping is joined to the tanks with Victaulic-type grooved couplings.



Picture BUY11820901-6 - Transformer

9 Transformer

B The transformer is attached to the pit floor with lag bolts.

E Incoming and outgoing electrical power are transmitted through rigid conduit.

Schuler Transfer Press
Asset ID BUYR503469FA (Representative Asset No. 32)

GM MFD Lansing Regional Stamping

Description of Asset

Description	Schuler Transfer Press
Manufacturer	Schuler
Model	TBS6-6450-5-2300
Serial Number	2002-WHS-50842

Asset ID BUYR503469FA consists of a 6,250 metric ton, five-station Schuler crossbar transfer press system (the "Schuler Transfer Press"), located at GM's Lansing Regional Stamping facility. The Schuler Transfer Press is mainly used to stamp body sides, lift gate outers, door outers, and quarter panel outers. The main components include five individual press sections (or stations) having a common drive shaft, a single topside main drive, rolling die bolsters for each press station, four crossbar workpiece transfer units, two hydraulic power units, a centralized lubrication system, a noise reduction enclosure, and numerous electrical and control cabinets.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to piers (separately capitalized)

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (part of asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes – AA presses moved from Doraville, Grand Rapids and Mansfield
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	BUYR503469FA
Asset Description	AA-11 SCHULER #1 AA CROSSBAR TRANSFER PRESS
Category	SALE/LSEBCK M&E
Company Name (Location)	GM MFD LANSING REGIONAL STAMPING
Operation Description	CONVERSION
In Service Date	9/1/2003
Total Installed Cost	\$33,767,895
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Asset Components

- 1 Individual Press Stations (not pictured, inside enclosure)
- 2 Topside Main Drive
- 3 Rolling Die Bolsters
- 4 Crossbar Transfer Units (not pictured, inside enclosure)
- 5 Hydraulic Power Units (not pictured, in basement)
- 6 Noise Reduction Enclosure
- 7 Electrical and Control Cabinets (at floor, top, and basement levels)

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Motors-MM-000012

Picture BUYR503469FA-1 - Schuler Transfer Press



Picture BUYR503469FA-2 - Schuler Transfer Press

Asset Components

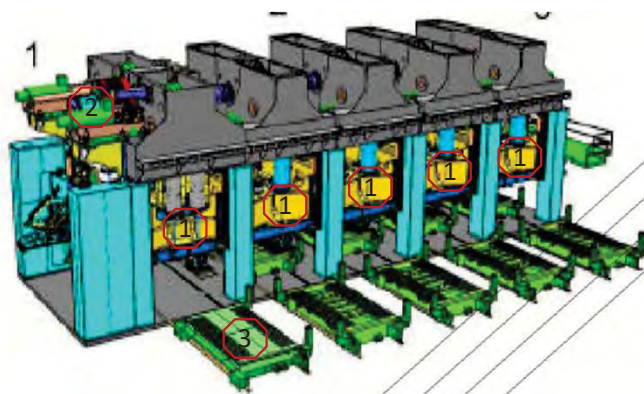
- 6 Noise Reduction Enclosure



Picture BUYR503469FA-4 - Press Station (Zoom In)

Components / Connection and Attachment

- F1 An in-floor track allows the rolling bolsters to move in and out of the press stations as needed.
- F2 Each press station has individual operator controls.
- 3 Rolling Die Bolsters
- 4 Crossbar Transfer Units




Picture BUYR503469FA-3 - Press Station Structure
(NEWGM000095376)

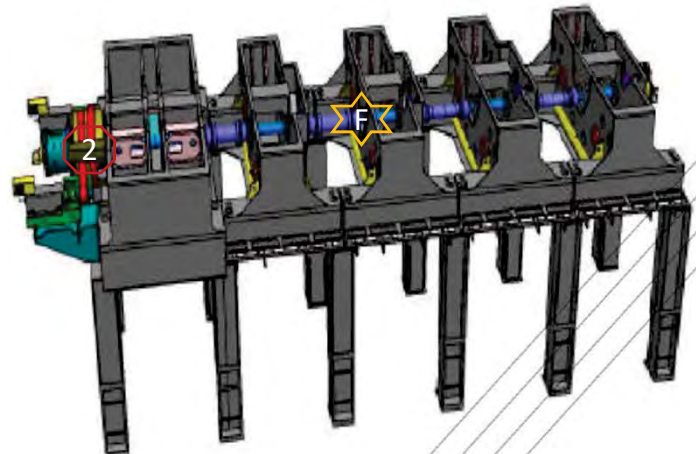
Asset Components

- 1 Individual Press Stations
- 2 Topside Main Drive
- 3 Rolling Die Bolsters




Picture BUYR503469FA-5 - Topside Main Drive

 The drive shaft is constructed in sections and connected by couplings between each press station.



Picture BUYR503469FA-6 - Press Station Structure
(NEWGM000095382)

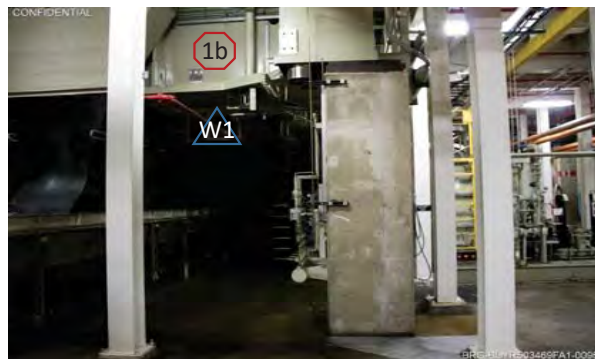
 Topside Main Drive



Picture BUYR503469FA-7 - Electric/Control Cabinets

Connection and Attachment

 Electrical and Control Cabinets (at floor, top, and basement levels)



Picture BUYR503469FA-8 - Press Pit/Basement

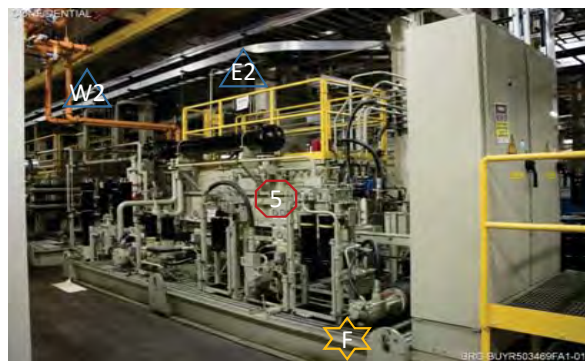
Components / Connection and Attachment

1b

The press beds sit at / below floor level and are supported by concrete piers on both sides.

W1

Cooling water lines are suspended from overhead beams with clips and all-thread.



Picture BUYR503469FA-10 - Hydraulic Power Unit

Components / Connection and Attachment

F

The skid mounted hydraulic power units have built-in lift brackets to assist with relocation.

E2

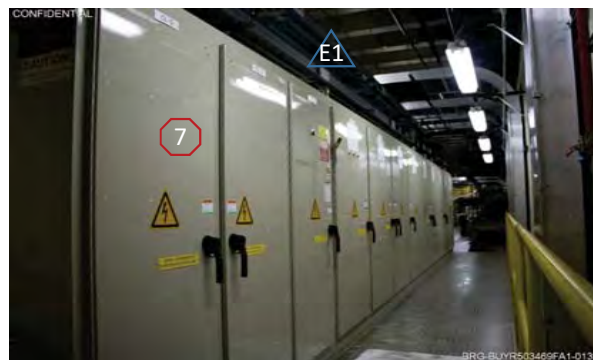
Reconfigurable cable trays are also used to distribute electric power via loose wire.

W2

Fire suppression lines are also suspended from overhead.

5

Hydraulic Power Units



Picture BUYR503469FA-9 - Electrical Distribution & Control Cabinets

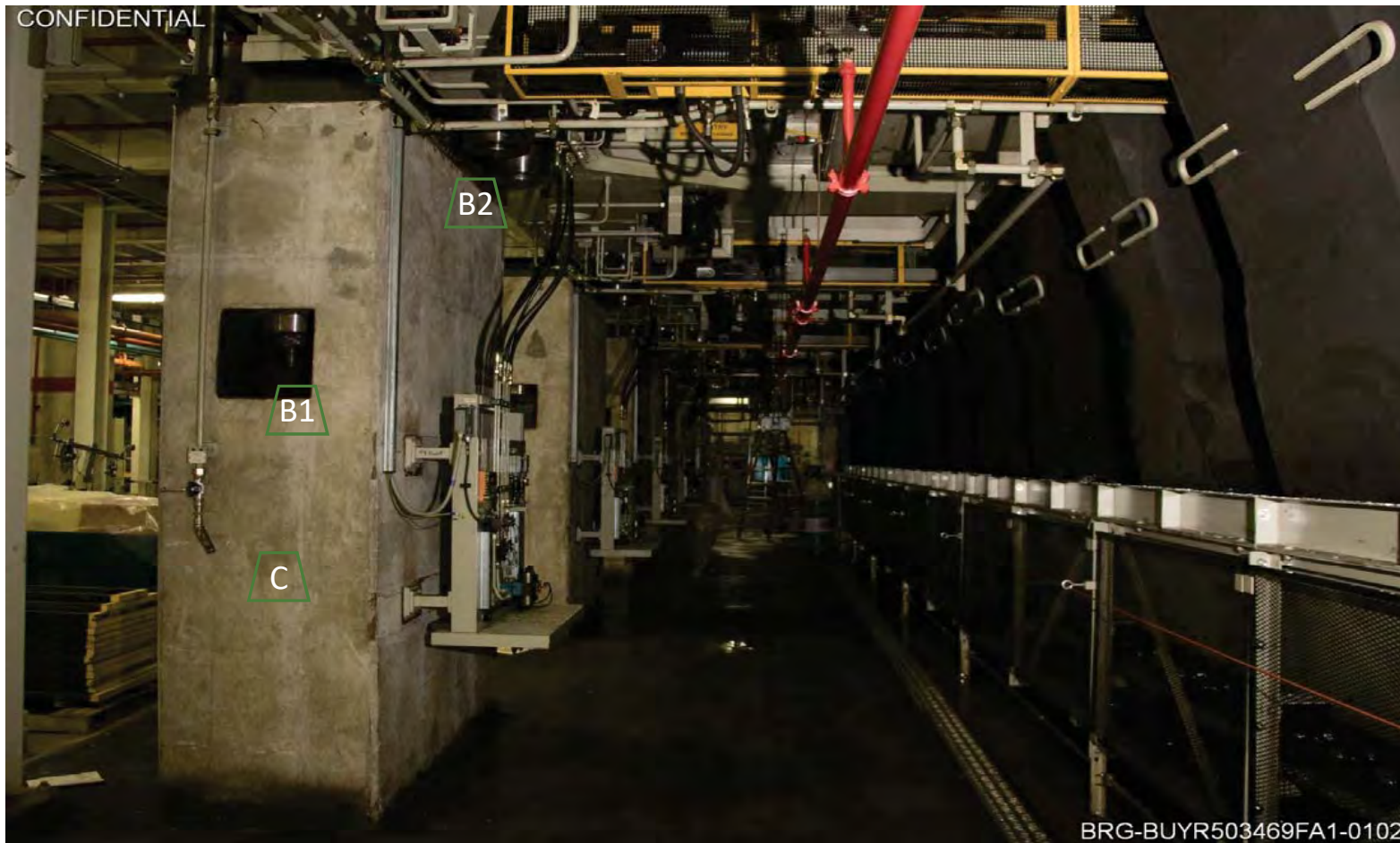
Components / Connection and Attachment

E1

Electric bus duct is used to distribute the main power throughout the press basement area.

7

Electrical and Control Cabinets (basement level)



Picture BUYR503469FA-11- Press Bottom Attachment Point

B1

The press bed is attached to the concrete pier using high strength nuts and bolts.

C

Concrete pier (1 of 12) supporting the press frame. Piers are part of basement/pit construction and are a separate asset.

B2

Bottom nuts of the tie rods are shown. The tie rod runs up through the press structure and is fastened by an additional nut on the press crown. Removing these bolts allows the structural components of the press to be dismantled.



Connection and Attachment

B

Topside tie rod nut is fastened above the press crown.

F

An eyhook is mounted on the tie rod (above the tie rod nut) to assist with relocation of the press structure.

Picture BUYR503469FA-12 - Press Top Attachment Point

B3-5 Transfer Press
Asset ID BUYR503481FA (Representative Asset No. 33)
GM MFD Lansing Regional Stamping

Description of Asset

Description	B3-5 Transfer Press
Manufacturer	IHI
Model	TS12-4500-108X72
Serial Number	1511-961 B-6

Asset ID BUYR503481FA consists of a three slide, five-station transfer press system with a press feeder/sheet destacker and end of line equipment (the "B3-5 Transfer Press"). This asset is located at GM's Lansing Regional Stamping facility and is used to stamp smaller body components. The B3-5 Transfer Press was placed in service in December 2003, when the Lansing Regional Stamping plant began operations. The main components of the B3-5 Transfer Press include a sheet steel destacker/feeder, the transfer press, and an end-of-line system.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to piers (separately capitalized)

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes (integral to asset)	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes – B-3 presses moved from Grand Rapids
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	BUYR503481FA
Asset Description	B3-5 TRANSFER PRESS SYSTEM INCL. DESTACKER AND EOL
Category	SALE/LSEBCK M&E
Company Name (Location)	GM MFD LANSING REGIONAL STAMPING
Operation Description	CONVERSION
In Service Date	12/2/2003
Total Installed Cost	\$27,682,072
Depreciable Life (Accounting)	17 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture BUYR503481FA-1 - B3-5 Transfer Press

Asset Components

1

Transfer press with 3 press stations (behind orange doors) and rolling bolsters.

2

Not shown above - destacker/feeder system is to the right of the press.

3

End of Line ("EOL") system removes stampings and loads them into carts.



Picture BUYR503481FA-2 - Press Destacker/feeder System

Asset Components

2

Enclosed destacker/feeder system at entrance to the press.

2.1

One of two steel blank loading carts, track mounted.

F

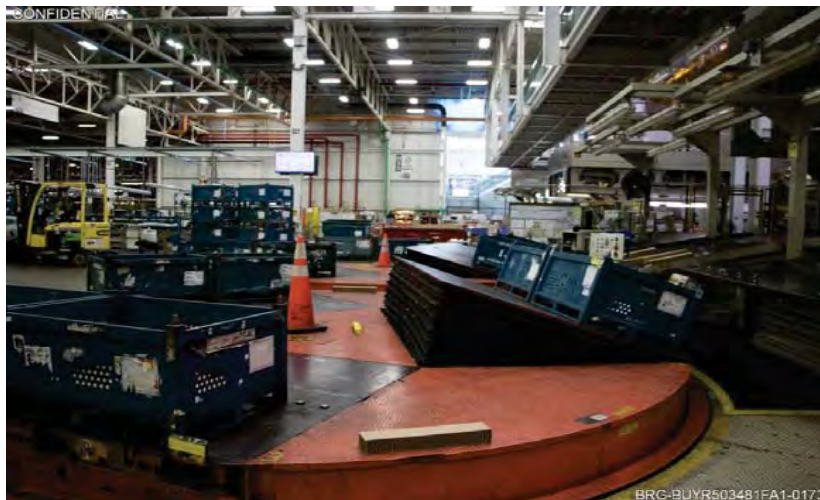
Control cabinets mounted on roof of destacker/feeder.



Picture BUYR503481FA-3 - Press EOL - Conveyors & Cart Carousels



Picture BUYR503481FA-4 - Press EOL



Picture BUYR503481FA-5 - Press EOL - Part Pallet/Cart Carousel



Picture BUYR503481FA-6 - Upper Level - Crown of Press Section 1



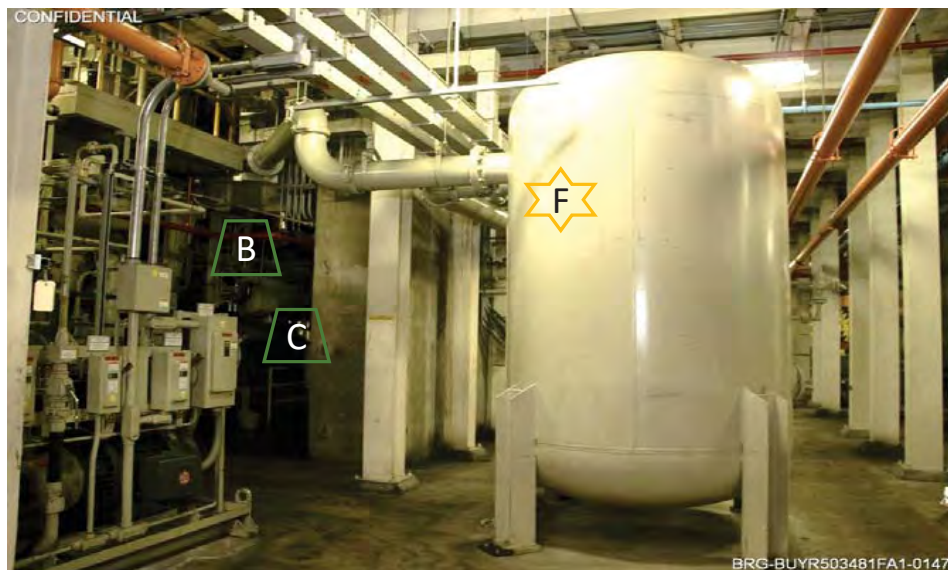
Picture BUYR503481FA-7 - Press Upper Level - Drive Motor



Picture BUYR503481FA-8 - Tie rod nut

Connection and Attachment

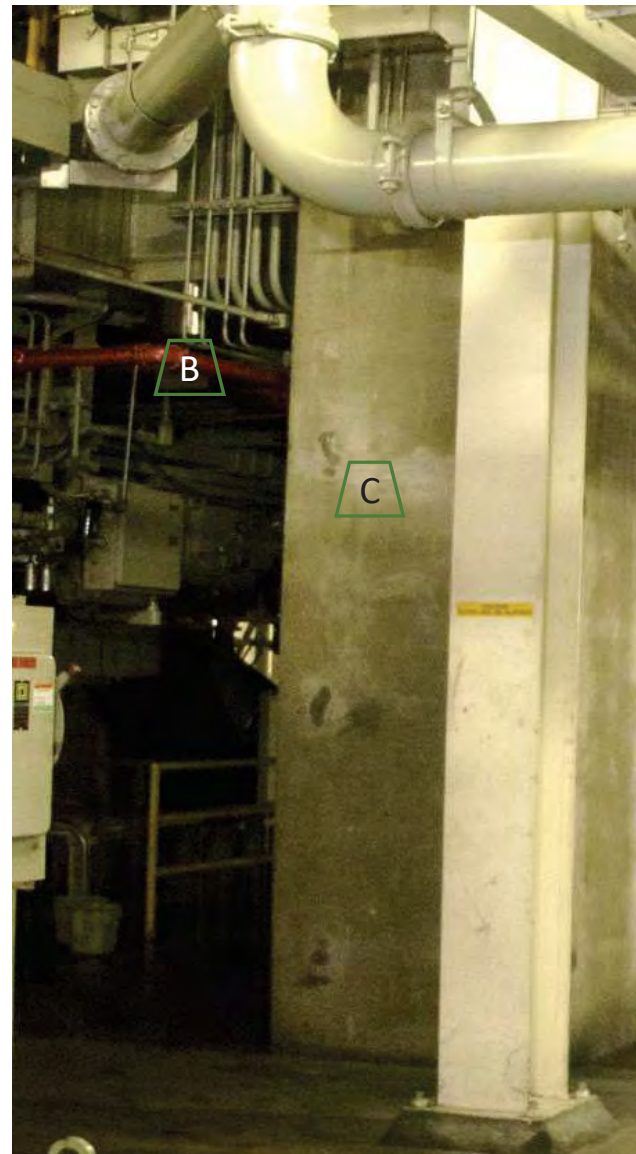
- B1** Press frame components - bed, uprights and crown - are assembled with a tie rod running vertically through the press. This allows for assembly and disassembly of the press.
- B2** Main press drive motor is mounted to a plate which is bolted to a weldment attached to the press frame.
- E** Power supply cables for the motor run through enclosed duct. Cabling throughout the press is enclosed in ductwork.



Picture BUYR503481FA-9 - Basement - Press Pier & Cushion Tank

Connection and Attachment

- B** Press frame components - bed, uprights and crown - are assembled with a tie rod running vertically through the press. This is the nut below the bed.
- C** Concrete pier (1 of 8) supporting the press frame. Piers are part of basement/pit construction and are a separate asset.
- F** Pipe to die cushion tank was bolted flange or victualic connection. Base plates of tank are lag bolted to the floor.



Picture BUYR503481FA-10 - Tie rod nut

4 Speed Build Line
Asset ID NIT219381 (Representative Asset No. 34)
GM Powertrain Warren Transmission

Description of Asset

Description	4 Speed Build Line
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID NIT219381 consisted of a complete assembly line producing four speed transmissions (the "4 Speed Build Line") at GM's Warren Transmission facility. The 4 Speed Build Line was one of four similar assembly lines located in the same building at Warren, all of which were disposed of prior to the May 2016 inspection of the facility. The 4 Speed Build Line apparently was taken out of service and abandoned in place as of the date of our analysis, June 30, 2009. The 4 Speed Build Line was disassembled and removed from the Warren premises in approximately 2013. The asset was comprised of assembly equipment, conveyors, other related assets, and all of the necessary utilities required for operation of the line. It should be noted that, although the description in the fixed asset listing says "Build line w(ith) foundation," the foundation and pit for the 4 Speed Build Line were separately capitalized in Asset ID NIT219381A which has the description "Build Line Pit", and shows an in-service date of 12/31/1982, a year before the 4 Speed Build Line equipment was placed in service.

Fixture Conclusions

Annexation to Realty	N/A [a]
Adapted to Use or Purpose of Realty	Unknown
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to floor or clipped to trusses

Physical Attachment and Connections

1. Pads/Foundations/Piers/Pits ----->	Foundation, pit, and piers (separately capitalized)
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical
4. Separate Control Panel/Operator Stand ----->	Yes
5. Catwalk/Platforms/Stairs/Railings ----->	Yes

Other Characteristics

6. Asset Design/Construction Type ----->	Reversible assemblage of components
7. Asset Typically Sold with Land and Building ----->	No
8. Damage to Realty from Removal----->	No - none evident during inspection
9. Damage to Subject Asset from Removal----->	No
10. Similar Assets Removed from GM Facilities ----->	Yes
11. Similar Assets Relocated within GM for Reuse ----->	Unknown
12. Similar Assets Traded on the Secondary Market ----->	Yes (components)

Fixed Asset Listing Information [b]

Asset ID	NIT219381
Sequence	1
Asset Description	BUILD LINE W/FOUNDATION
Category	SPECIAL MACHINE TOOLS
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	CONVERSION
In Service Date	12/1/1983
Total Installed Cost	\$3,580,522
Depreciable Life (Accounting)	15 YRS
Property Tax Classification [c]	PERSONAL

[a] Asset has been removed from facility and is no longer attached to the realty.

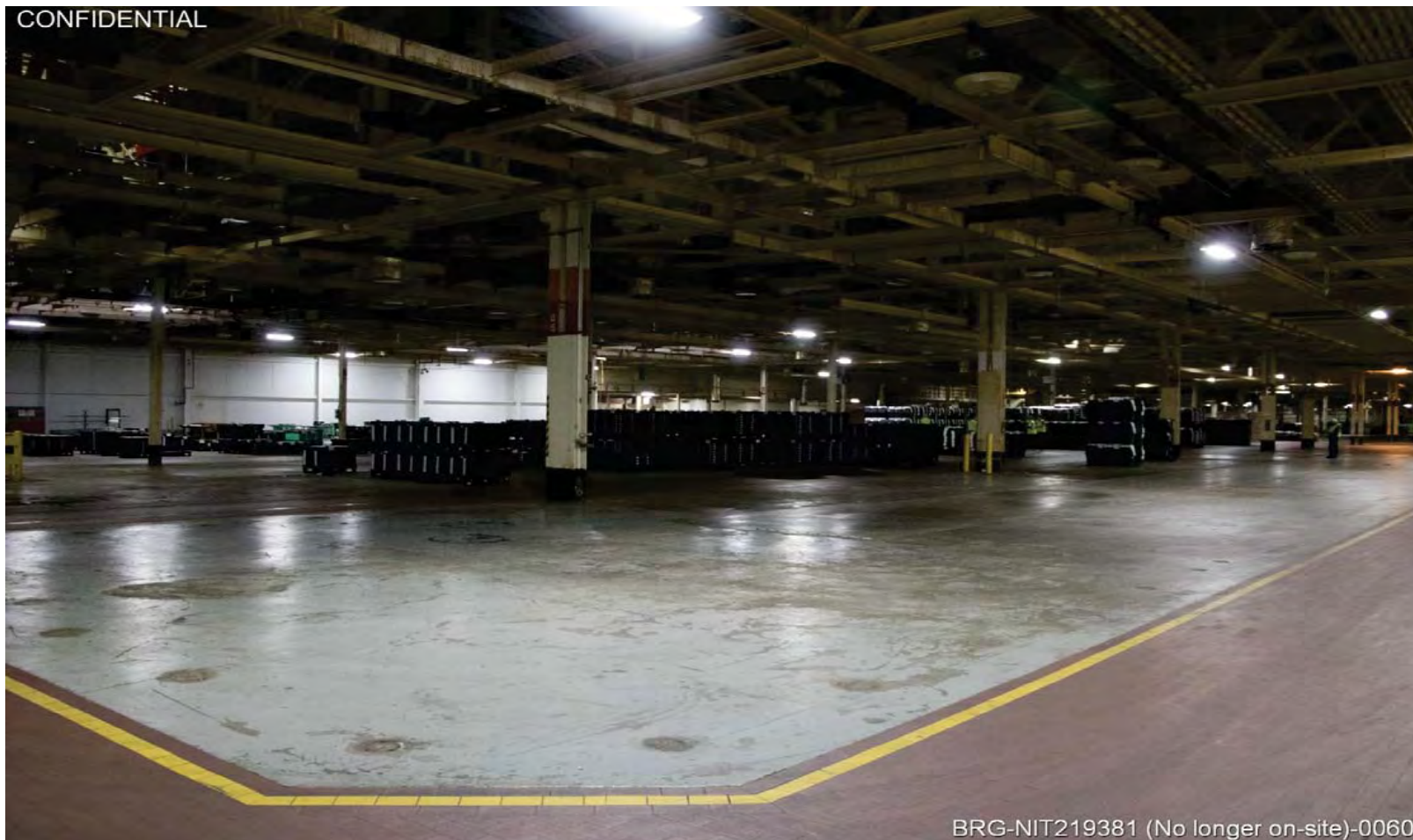
[b] Fixed asset listing information was obtained from NewGM000005131.

[c] Property tax classification information was obtained from KPMG-GM0092238.



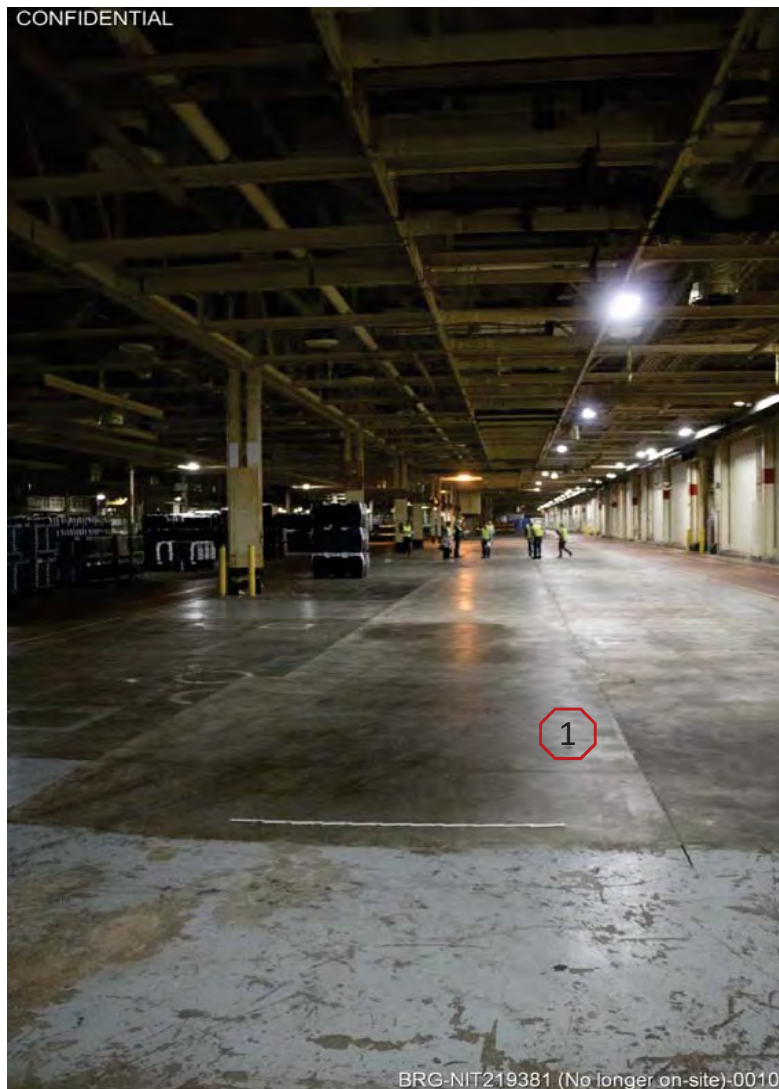
Picture NIT219381-1 - 4 Speed Build Line (Empty Area)

This empty area formerly housed the 4 Speed Build Line, which had been removed prior to the May 2016 inspection. The 4 Speed Build Line was comprised of assembly equipment, conveyors, other related assets, and all of the necessary utilities required for operation of the line.



Picture NIT219381-2 - 4 Speed Build Line (Empty Area)

All components of the 4 Speed Build Line, including any connections to utilities such as electricity, compressed air, chilled water, and ventilation, have been removed with minimal evidence of their previous installation. No damage to the building was observed during the inspection.



Picture NIT219381-3 - Pit



Picture NIT219381-4 - Trench

- 1 The pit for the 4 Speed Build Line has been filled in with concrete so that all floor space is level with the surrounding building floor. The pit for the build line was capitalized under Asset ID NIT219381A, separate from the 4 Speed Build Line asset.
- 2 A trench in the 4 Speed Build Line area has been filled with concrete so that it is level with the surrounding building floor.

Button Up and Test Conveyor
Asset ID NITC03340 (Representative Asset No. 35)

GM Powertrain Warren Transmission

Description of Asset

Description	Button Up and Test Conveyor
Manufacturer	Hirata Corp Of America
Model	N/A
Serial Number	N/A

Asset ID NITCC03340 consists of an automated pallet conveyor system (the "Button Up and Test Conveyor") located at GM's Warren Transmission plant within the six speed transmission assembly area. The Button Up and Test Conveyor system was manufactured by Hirata and is used to transfer transmissions through final assembly and testing operations. The subject asset was placed in service in June 2006. The components of the Button Up and Test Conveyor include 18" wide powered friction roll conveyor modules; rotary tables; elevator and lowerator sections; a control panel, and a human machine interface ("HMI").

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	NITC03340
Asset Description	BUTTON UP AND TEST CONVEYOR SYSTEM
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	6/1/2006
Total Installed Cost	\$2,689,706
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Conveyor

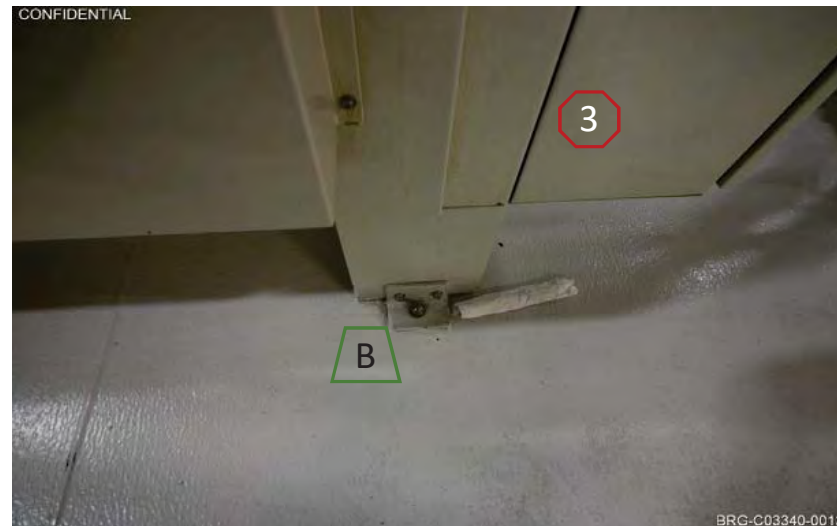
Control Panel

Rotary Table



Picture NITC03340-2 - Control Panel

3 Control Panel



Picture NITC03340-3 - Control Panel Attachment

B The control panel is secured to the building floor with lag bolts.

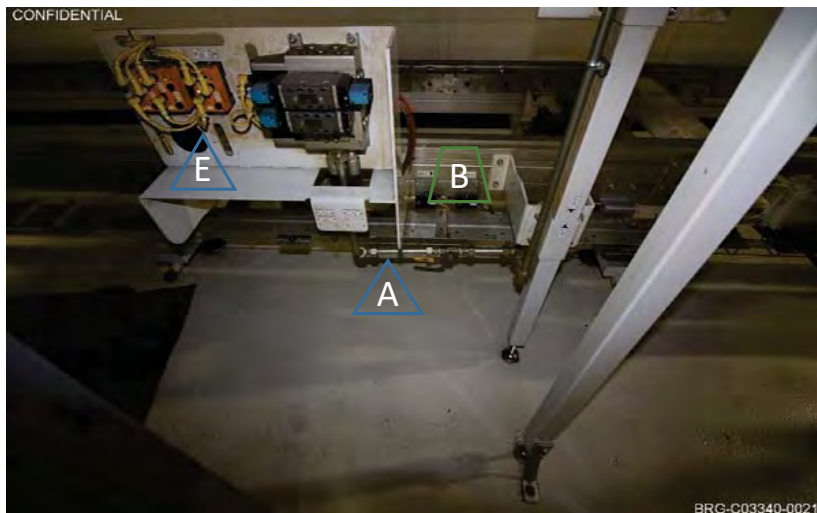


Picture NITC03340-4 - Rotary Table

B1 The rotary table is secured to the building floor with lag bolts.

B2 The rotary table is fastened to adjacent sections of conveyor with allen bolts.

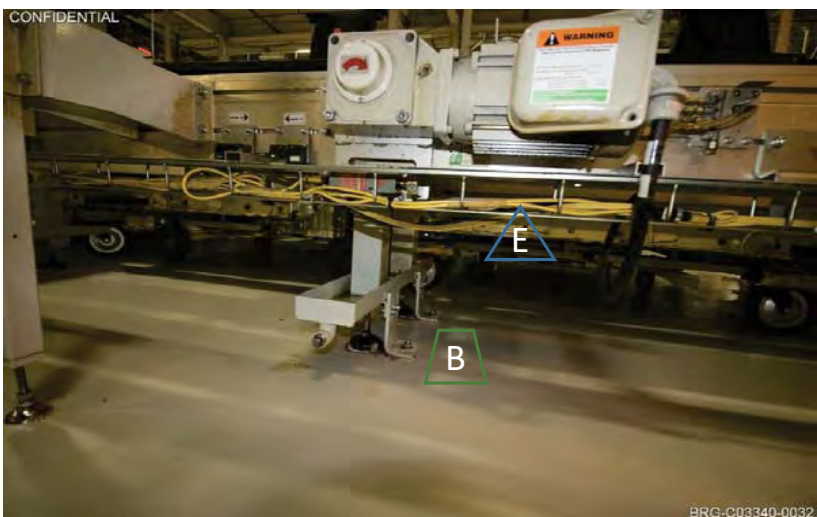
2 Rotary Table



Picture NITC03340-5 - Conveyor

Connection and Attachment

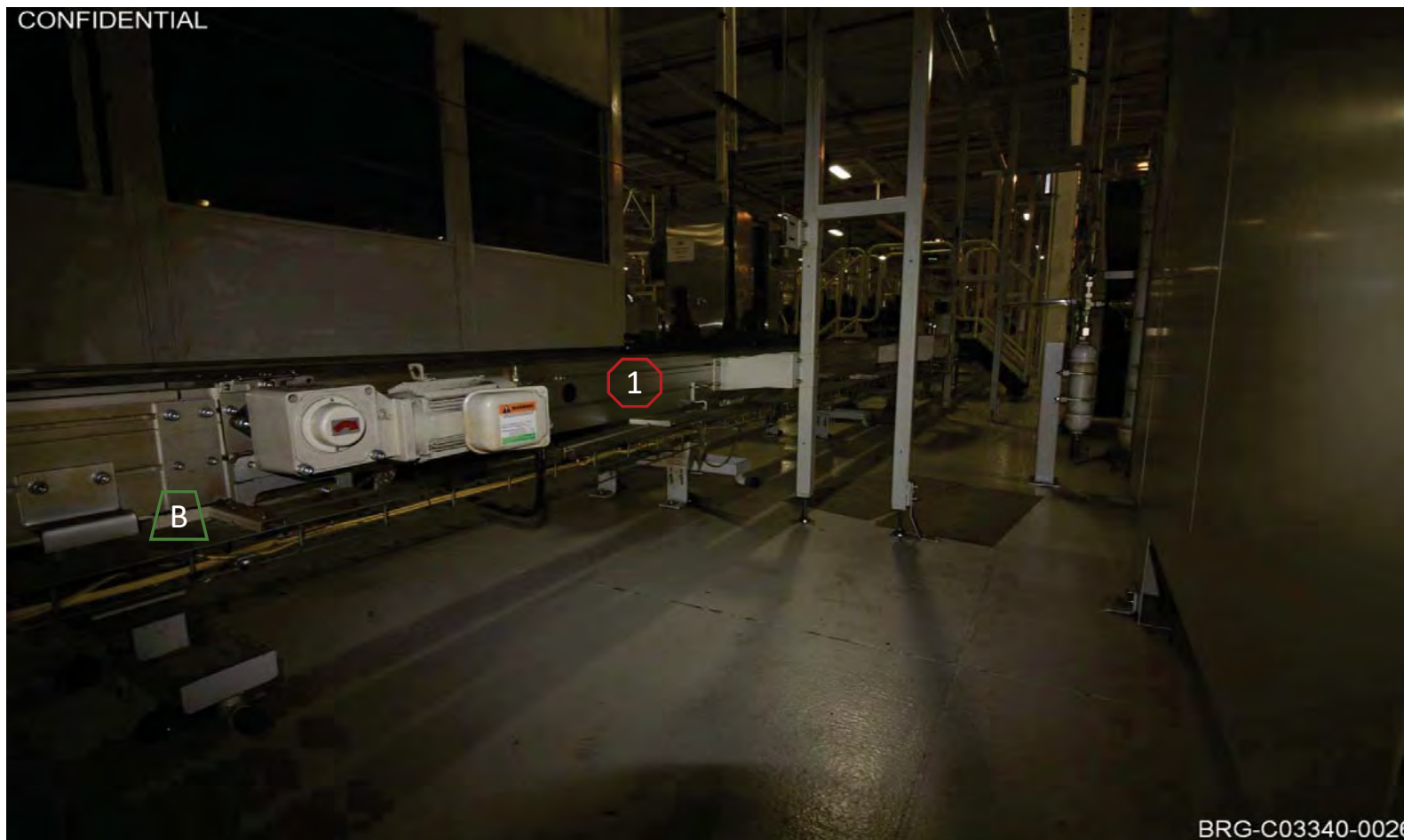
- B** The conveyor is bolted to support legs for an adjacent overhead cable tray.
- E** The data and control wiring utilizes quick disconnect fittings.
- A** Compressed air piping is delivered to the conveyor at several locations.



Picture NITC03340-6 - Conveyor

Connection and Attachment

- B** The conveyor is attached to the floor with lag bolts.
- E** Data and control wiring are fed to the conveyor through loose wiring contained in reconfigurable metal cable trays.



Picture NITC03340-7 - Rotary Table



The conveyor sections are attached to adjacent sections with allen bolts.



Conveyor

Helical Broach

Asset ID NITC03507 (Representative Asset No. 36)

GM Powertrain Warren Transmission

Description of Asset

Description	Helical Broach
Manufacturer	Federal Broach & Machine Company
Model	450KN X 2250
Serial Number	12-S-105

Asset ID NITC03507 consists of a Helical Broaching machine and related equipment (the "Helical Broach"). The subject asset is located at GM's Warren Transmission facility within the planetary gear machining area. The Helical Broach is used in a production cell with a variety of other assets. The main components of the Helical Broach include a vertical, rising table, two-position broaching machine; a standalone control and electrical cabinet; a chip conveyor and filtration system; a hydraulic powerpack; and a centralized lubrication system. Based on discussions with GM personnel during the plant inspection, and a review of the complete asset listing for the Warren plant, certain assets in close proximity to the Helical Broach are not included with the subject asset. The excluded assets consist of a robot that transfers parts in and out of an automatic part loading conveyor and the conveyor itself.

Fixture Conclusions

Annexation to Realty	No
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No

Concluded Classification

Not a Fixture (Personal Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Not attached or lag bolted to floor slab

1. Pads/Foundations/Piers/Pits ----->	Possible foundation/isolation slab	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air & Hydraulic piping, fume duct	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	NITC03507
Asset Description	HELICAL BROACHING EQUIPMENT
Category	PROCESSING EQUIPMENT
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	POWERTRAIN TRANSMISSION
In Service Date	6/1/2006
Total Installed Cost	\$1,472,023
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

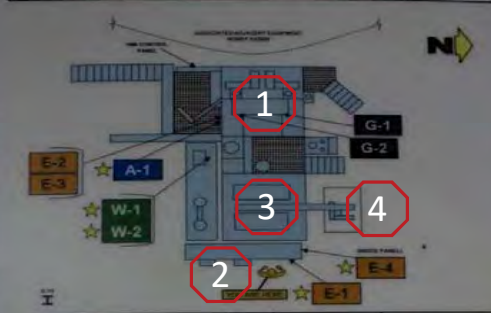
[b] Property tax classification information was obtained from KPMG-GM0092238.

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Asset Components

- 1 Helical Broach
- 2 Standalone Control and Electrical Cabinet
- 3 Chip Conveyor and Filtration System
- 4 Hydraulic Power Pack

TOTAL LOCKOUT POINTS IDENTIFIED	WARREN TRANSMISSION	LOCATION
9	BROACH #1:C03507	GEARS
BEFORE SERVICING THIS MACHINE, NOTIFY AFFECTED PERSONNEL		



Energy Source	Location	Perform Action	You Must Verify
E-1	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
E-2	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
E-3	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
E-4	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
A-1	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
W-1	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.

(5) LOCKS REQUIRED FOR COMPLETE CONTROLLED ENERGY STATE.
NOTE: ADDITIONAL NON-LOCKABLE HAZARDOUS ENERGY LISTED ABOVE MAY REQUIRE OTHER CONTROL DEVICES / METHODS.
LOCKOUT ENERGY CONTROL CANNOT BE PERFORMED/VERIFIED - STOP - NOTIFY YOUR SUPERVISOR
FOR REPAIR OR REPLACEMENT, PLEASE CALL SAFETY @ 773-255-5620
Page 1 of 2

TOTAL LOCKOUT POINTS IDENTIFIED	WARREN TRANSMISSION	LOCATION
9	BROACH #1:C03507	GEARS
BEFORE SERVICING THIS MACHINE, NOTIFY AFFECTED PERSONNEL		

Energy Source	Location	Perform Action	You Must Verify
W-2	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
G-1	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.
G-2	STANDALONE CONTROL	PLACE LOCKOUT SWITCH IN THE OFF POSITION AND LOCKOUT.	STANDALONE CONTROL SWITCH IS IN THE OFF POSITION AND LOCKOUT.

BRG-NITC03507-0055

Picture NITC03507-1 - Asset Diagram & Layout



Picture NITC03507-2 - Helical Broaching Machine

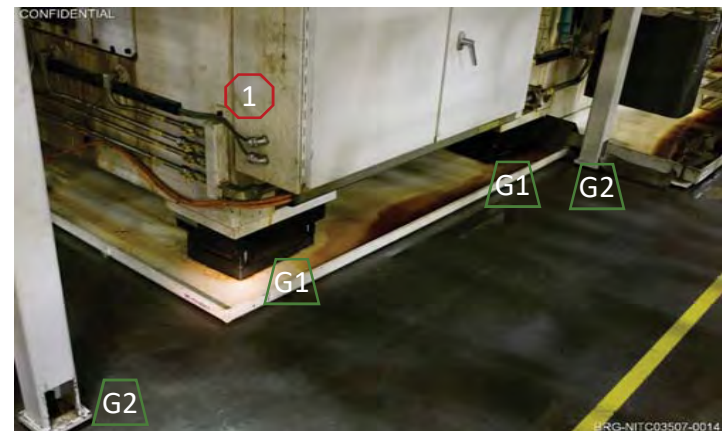
- | | |
|---|---------------------------------------|
| 1 Helical Broach | 3 Chip Conveyor and Filtration System |
| 2 Standalone Control and Electrical Cabinet | 4 Hydraulic Power Pack |



Picture NITC03507-3 - Helical Broach

Connection and Attachment

- A** Exhaust ducting is connected to the machine to remove mist and fumes.
- E** Electric & data wiring is fed from the cabinet to the Helical Broach using reconfigurable cable trays.
- G2** The supporting legs of the modular platforms rest on the building floor with leveling bolts.
- B** The exhaust ducting is connected with a bolted, flanged joint.
- F** Modular platforms are bolted to the Helical Broach for access at various points.
- 1** Helical Broach
- 4** Hydraulic Power Pack



Picture NITC03507-4 - Helical Broach Mounting Pads

Connection and Attachment

- G1** Adjustable leveling pads are bolted to the base of the Helical Broach and rest on a drip pan under the machine. The drip pan lays on the building floor. The Helical Broach is not affixed to the building floor in any other way.
- G2** The supporting legs of the modular platforms rest on the building floor with leveling bolts.
- 1** Helical Broach



Picture NITC03507-5 - Control & Electrical Cabinet



Electric & data wiring is fed from the cabinet to the broach using reconfigurable cable trays.



Angle brackets attach cabinets to the floor using lag bolts.



Top mounted eye-hooks for lifting the control cabinet are on all four corners.



Electric power is supplied from an overhead removable bus plug via wire in conduit.



Forklift slots are built into the cabinet frame for lifting and relocation.



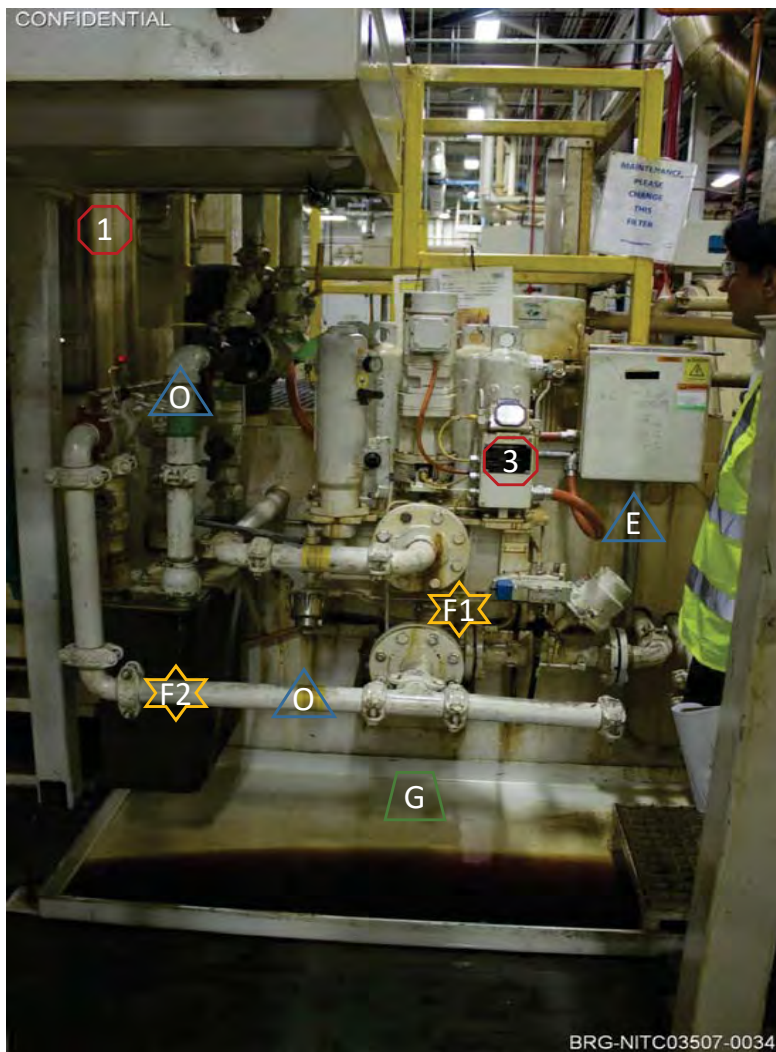
Helical Broach



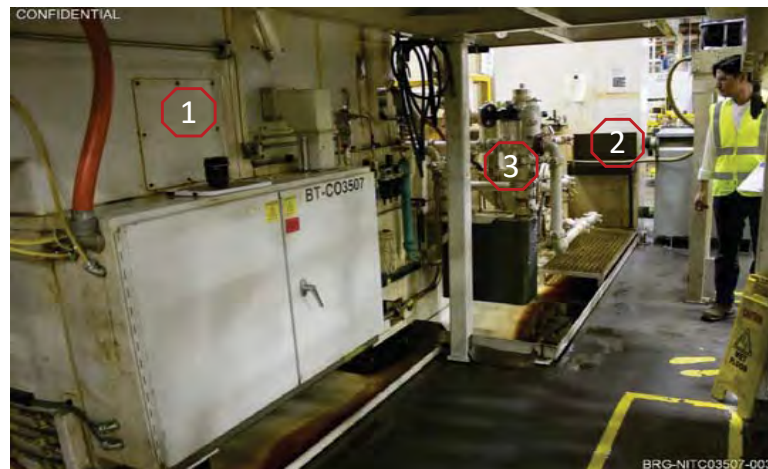
Standalone Control and Electrical Cabinet



Transformer



Picture NITC03507-6 - Filtration System (Left Side)



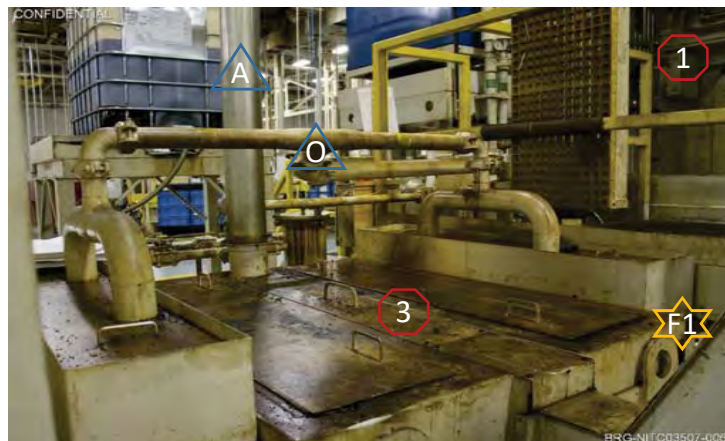
Picture NITC03507-7 - Filtration System (Back-Left Side)

Connection and Attachment

- E** Electric & data wiring is fed from the control cabinet using conduit.
- O** Pipe connects the filtration system to the Helical Broach to recycle cutting oil.
- G** The chip conveyor and filtration system rests on the building floor. The system is not affixed to the building floor in any other way.
- F1** The oil pipe is attached to the filtration system with a flanged joint that is bolted together.
- F2** Different sections of the oil piping are connected by quick disconnect compression fittings.
- 1** Helical Broach
- 2** Standalone Control and Electrical Cabinet
- 3** Chip Conveyor and Filtration System



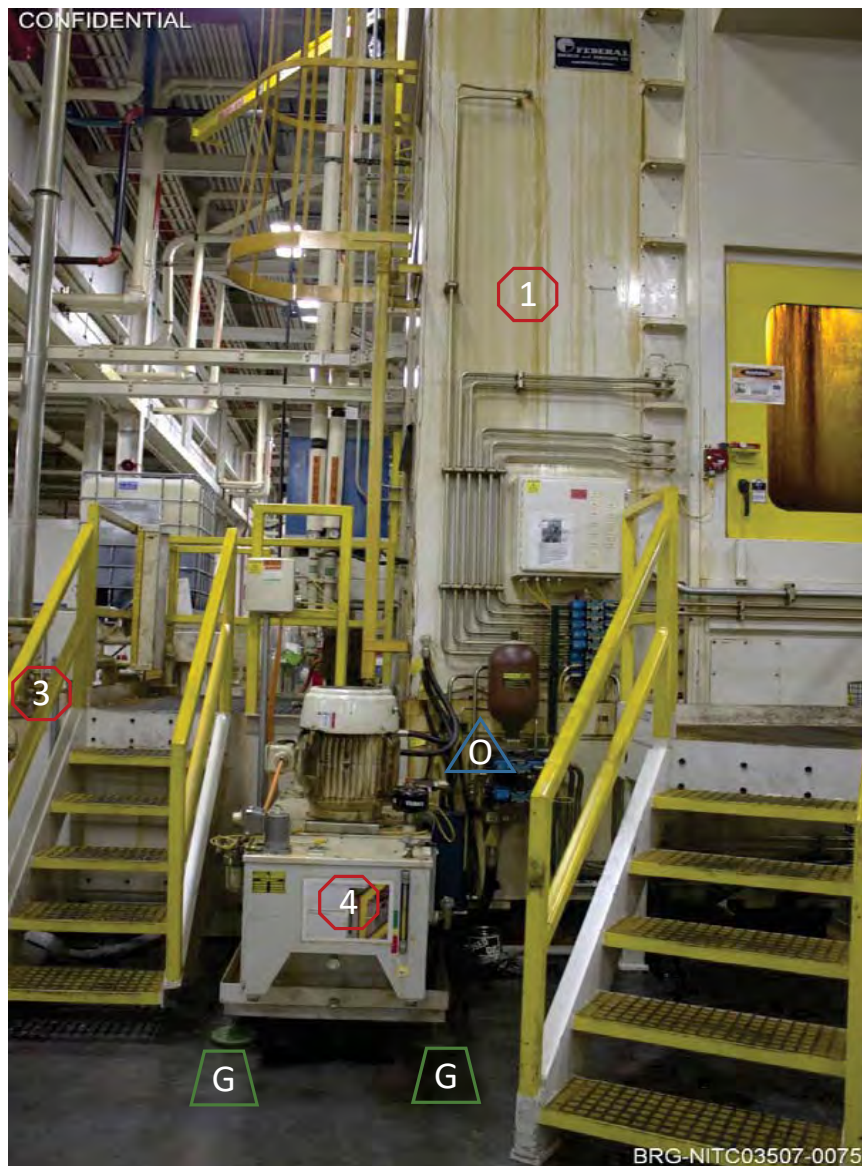
Picture NITC03507-8 - Filtration System (Right Side)








Picture NITC03507-9 - Filtration System (Top-Right Side)

Connection and Attachment

- A** Exhaust ducting is connected to the filtration system to remove mist and fumes.
- E** Electric & data wiring is fed from the control cabinet using conduit.
- O** Pipe connects the filtration system to the Helical Broach to recycle cutting oil.
- G** The chip conveyor and filtration system rest on the building floor. The system is not affixed to the building floor in any other way
- F1** Brackets are welded onto the system structure to provide lift points for relocation.
- F2** Exit portion of the system's chip conveyor.
- 1** Helical Broach
- 2** Standalone Control and Electrical Cabinet
- 3** Chip Conveyor and Filtration System



Connection and Attachment

-  Two flexible hoses that carry hydraulic oil connect the power pack to the Helical Broach.
-  The power pack is not permanently affixed to the floor. The power pack's four legs with leveling pads rest on the building floor.
-  Helical Broach
-  Chip Conveyor and Filtration System
-  Hydraulic Power Pack

Picture NITC03507-10 - Hydraulic Power Pack

Courtyard Enclosure

Asset ID NITW0S11026A (Representative Asset No. 37)

GM Powertrain Warren Transmission

Description of Asset

Description	Courtyard Enclosure
Manufacturer	N/A
Model	N/A
Serial Number	N/A

Asset ID NITW0S11026A consists of an addition to the building at the Warren Transmission plant (the 'Courtyard Enclosure'). The Courtyard Enclosure contains an area two bays wide by nine bays long, or approximately 84' by 460'. Based on discussions with Warren personnel during the plant inspection, the Courtyard Enclosure required removal of an exterior wall along the building's Z column line, and construction of an epoxy coated, concrete floor at the same level as adjoining building areas; structural steel framing, including columns and sidewall girts; a steel truss roof structure with metal panel decking; fluorescent lighting; heating and ventilation ductwork; and sprinkler piping.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	Yes
Permanent Annexation Intended	Yes

Concluded Classification

Not a Fixture (Real Property)

Physical Attachment & Classification Considerations

Primary Method of Attachment: Built on grade

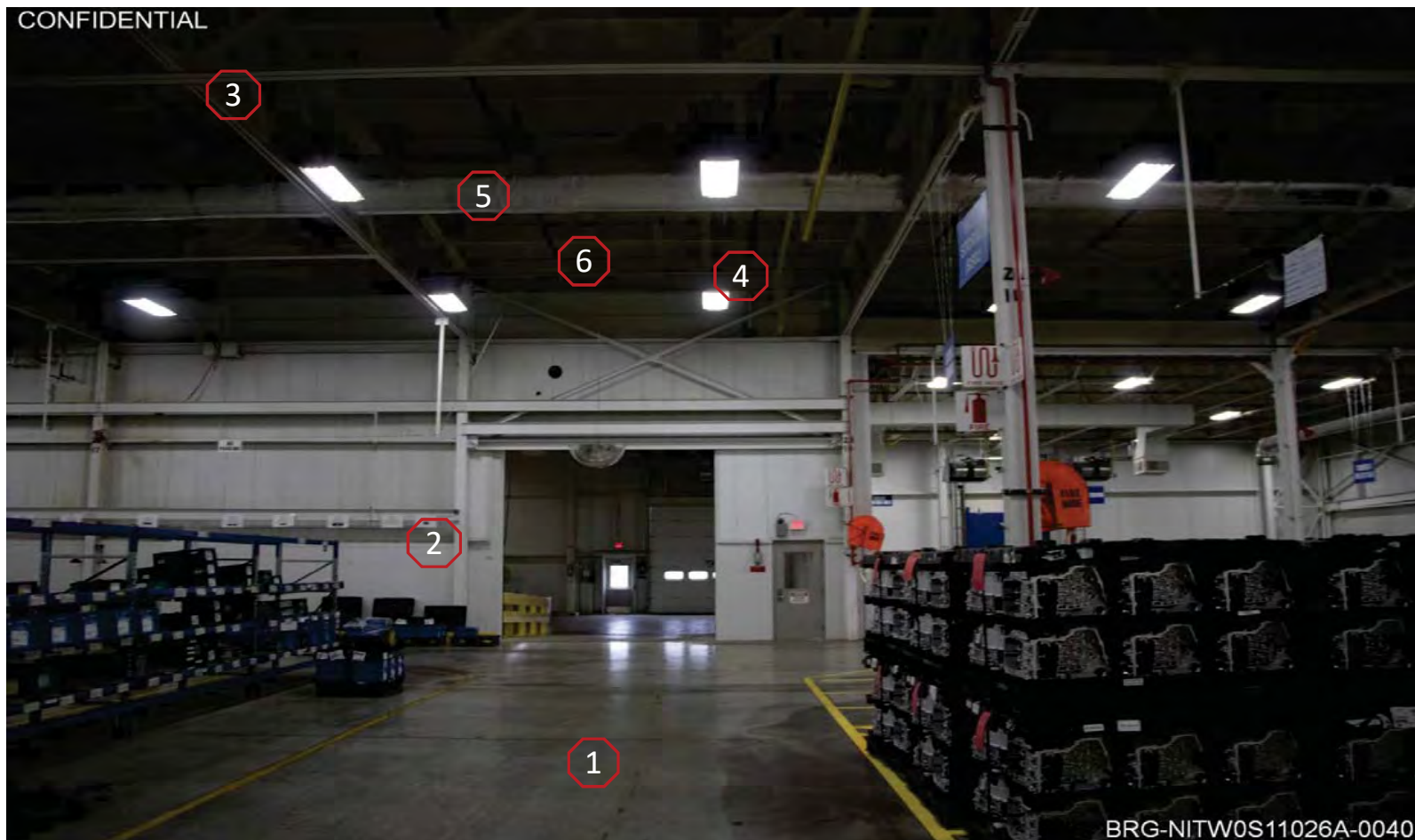
1. Pads/Foundations/Piers/Pits ----->	Foundation	6. Asset Design/Construction Type ----->	Permanent construction
2. Piping/Ductwork Connections ----->	Yes - HVAC duct, sprinkler piping	7. Asset Typically Sold with Land and Building ----->	Yes
3. Wiring/Electrical Connections ----->	Yes - Lighting & Electrical	8. Damage to Realty from Removal----->	Yes
4. Separate Control Panel/Operator Stand ----->	No	9. Damage to Subject Asset from Removal----->	Yes
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	No
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	NITW0S11026A
Asset Description	COURTYARD ENCLOSURE
Category	BLDG/ENCLOSURES OTHER
Company Name (Location)	GM POWERTRAIN WARREN TRANSMISSION
Operation Description	CONVERSION
In Service Date	12/1/1982
Total Installed Cost	\$8,384,325
Depreciable Life (Accounting)	40 YRS
Property Tax Classification [b]	REAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture NITW0S11026A-1 - Courtyard Enclosure

1 Epoxy Coated Concrete Floor

3 Steel Truss Roof Structure with
Metal Panel Decking

5 Heating and Ventilation
Ductwork

2 Structural Steel Framing

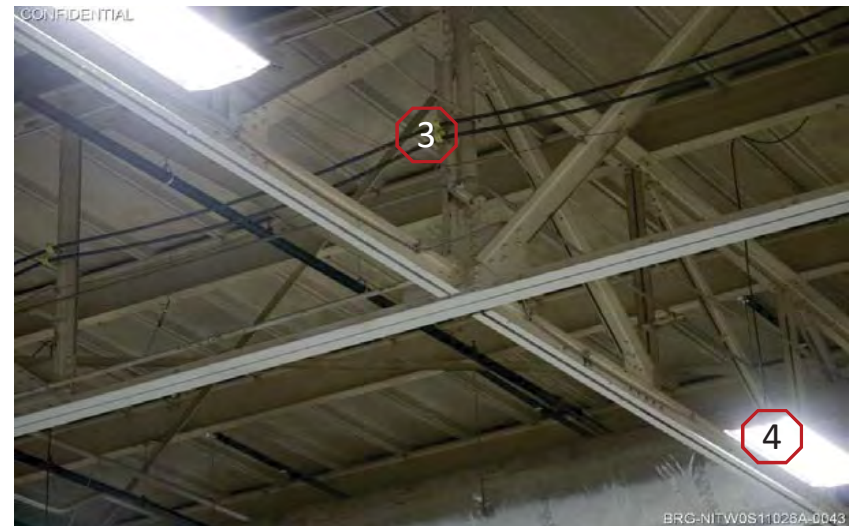
4 Fluorescent Lighting

6 Sprinkler Piping



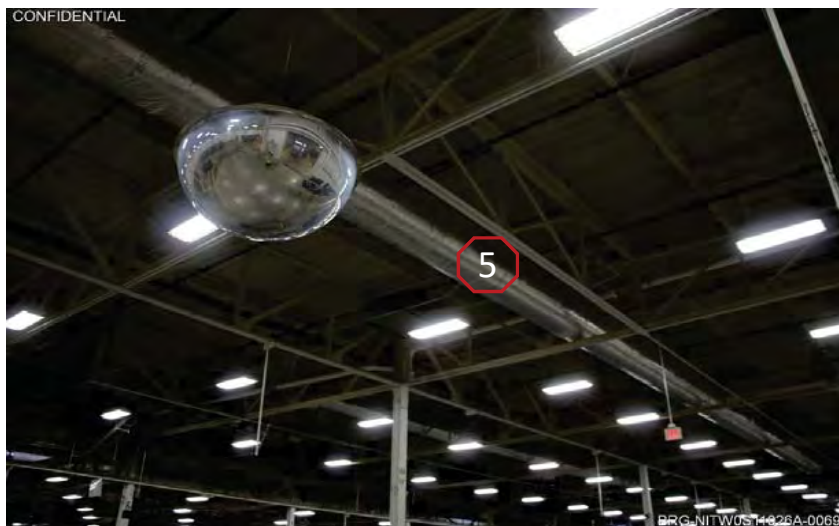
Picture NITW0S11026A-2 - Courtyard Enclosure

- 1 Epoxy Coated Concrete Floor
- 2 Structural Steel Framing



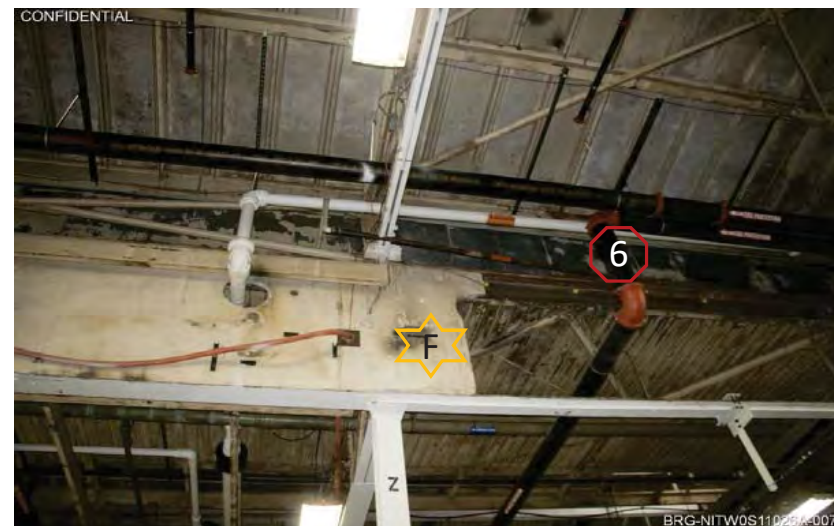
Picture NITW0S11026A-3 - Courtyard Enclosure

- 3 Steel Truss Roof Structure with Metal Panel Decking
- 4 Fluorescent Lighting



Picture NITW0S11026A-4 - Courtyard Enclosure

- 5 Heating and Ventilation Ductwork
- 6 Sprinkler Piping



Picture NITW0S11026A-5 - Courtyard Enclosure

- F Former exterior wall, later removed during additional remodeling process.

Gas Cleaning System
Asset ID NJL2924414P (Representative Asset No. 38)
GM Powertrain Defiance

Description of Asset

Description	Gas Cleaning System
Manufacturer	Whiting Corp.
Model	N/A
Serial Number	N/A

Asset ID NJL2924414P consists of the original off-gas cleaning system for the No. 4 cupola (the "Gas Cleaning System"). The subject asset is located at GM's Defiance Powertrain facility in the melt shop area. Whiting Corporation, the fabricator of the No. 4 cupola at the Defiance plant, supplied and installed the Gas Cleaning System in 1976, when the No. 4 cupola was installed. The Gas Cleaning System was originally used to remove airborne contaminants created by the No. 4 cupola during the melting process. A new emissions control system was installed in 2006 (Asset ID 100098085, Number 4 Cupola Emission Control System) which replaced the functionality of the Gas Cleaning System. A minor amount of ductwork from the Gas Cleaning System is used by the Number 4 Cupola Emission Control System, but most of the components of the Gas Cleaning System have either been decommissioned and abandoned in place, or demolished and removed.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No & Yes
Permanent Annexation Intended	No & Yes
Ohio Situated Property Addendum	The Gas Cleaning System is not essential to the use of the building.

Concluded Classification	<u>Both Fixture and Not a Fixture (Personal Property)</u>
---------------------------------	--

Physical Attachment & Classification Considerations

Primary Method of Attachment: Bolted to realty (vessels) or lag bolted to pier

1. Pads/Foundations/Piers/Pits ----->	Pier with foundation (not included with asset	6. Asset Design/Construction Type ----->	Mostly permanent, some reversible construction
2. Piping/Ductwork Connections ----->	Yes	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Electrical	8. Damage to Realty from Removal----->	Partially
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	Partially (larger tanks)
5. Catwalk/Platforms/Stairs/Railings ----->	Yes	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Partially
		12. Similar Assets Traded on the Secondary Market ----->	Partially

Fixed Asset Listing Information [a]

Asset ID	NJL2924414P
Asset Description	SYSTEM GAS CLEANING NO.4 CUPOLA
Category	FOUNDRY EQUIPMENT
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	CONVERSION
In Service Date	5/1/1976
Total Installed Cost	\$1,173,272
Depreciable Life (Accounting)	16 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture NJL2924414P-1 - Gas Compressor (abandoned in place)

Asset Components



Allis Chalmers compressor mounted on concrete pier

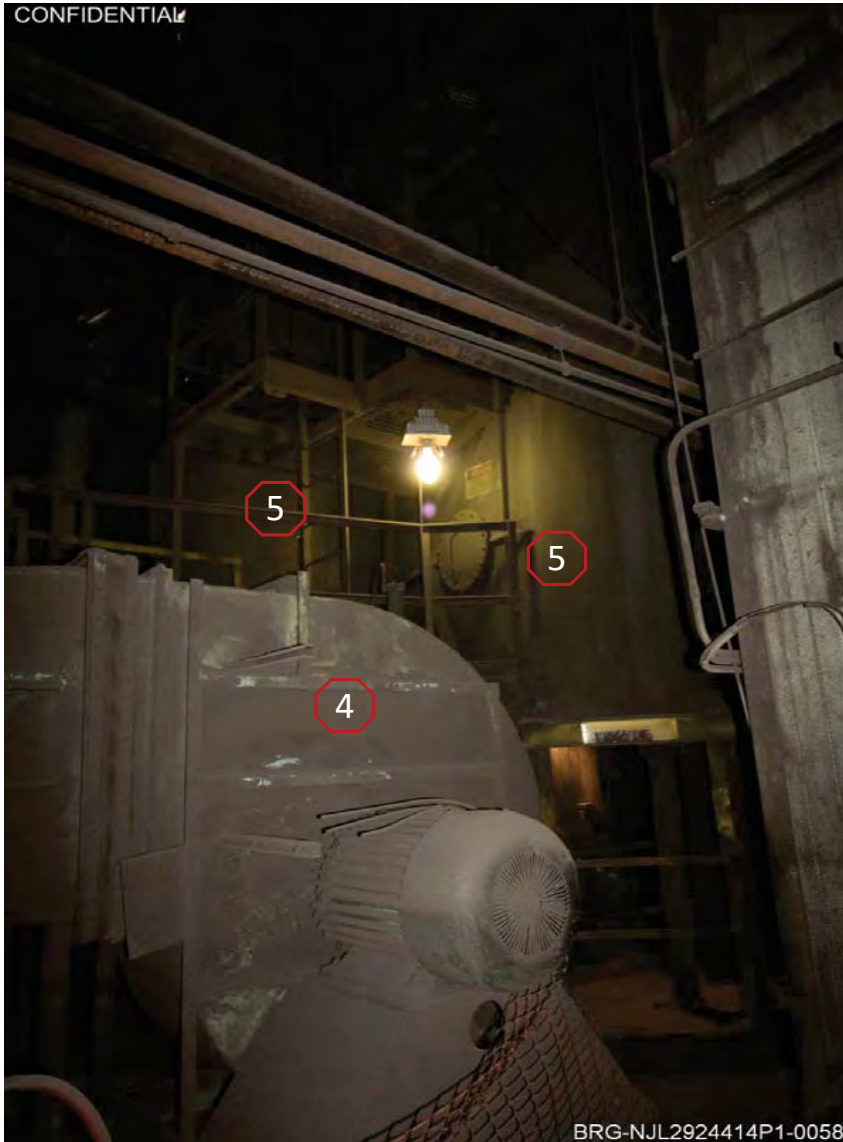


Compressor ductwork



Allis Chalmers motor mounted on concrete pier

CONFIDENTIAL



BRG-NJL2924414P1-0058

Asset Components

- 4 Cupola Off-Gas Purge and Emergency By-Pass Fan (note cut motor wiring)
- 5 Venturi and separator vessels

Picture NJL2924414P-2 - System Components
(abandoned in place)



Picture NJL2924414P-3 - Cupola Gas Take-off Duct

6

The large diameter duct extending from the square cupola take-off down to the joint near the stairs is the only part of the Gas Cleaning System still in use.

CB91 Unload Robot
Asset ID NJL2983009 (Representative Asset No. 39)
GM Powertrain Defiance

Description of Asset

Description	CB91 Unload Robot
Manufacturer	ABB
Model	IRB6400 M97A
Serial Number	64-06976 (2000)

Asset ID NJL2983009 consists of a robot used to unload cores from the number CB91 core making machine (the "CB91 Unload Robot") at GM's Defiance Powertrain foundry. The components of the CB91 Unload Robot include a six-axis robot and a standalone robot control cabinet. Several assets in the cell are not included as part of the CB91 Unload Robot, including the Lorimendi core machine; pallet conveyors inside and outside the cell fencing; a two position turntable; and a core defining stand. All of these items are shown with individual equipment numbers in the cell layout drawing.

Fixture Conclusions

Annexation to Realty	Yes
Adapted to Use or Purpose of Realty	No
Permanent Annexation Intended	No
Ohio Situated Property Addendum	The CB91 Unload Robot is not essential to the use of the building.

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Lag bolted to the floor slab

1. Pads/Foundations/Piers/Pits ----->	Concrete pad under robot (not part of asset)	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	Yes - Air piping	7. Asset Typically Sold with Land and Building ----->	No
3. Wiring/Electrical Connections ----->	Yes - Data & Electrical	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	No	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	NJL2983009
Asset Description	CB 91 ROBOT
Category	ROBOTS/SIMILAR DEVICES
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	POWERTRAIN CASTINGS
In Service Date	3/1/2005
Total Installed Cost	\$270,070
Depreciable Life (Accounting)	8 YRS
Property Tax Classification [b]	PERSONAL

[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Asset Components

1 Robot inside cell fencing. Lorimendi core machine is shown above robot.

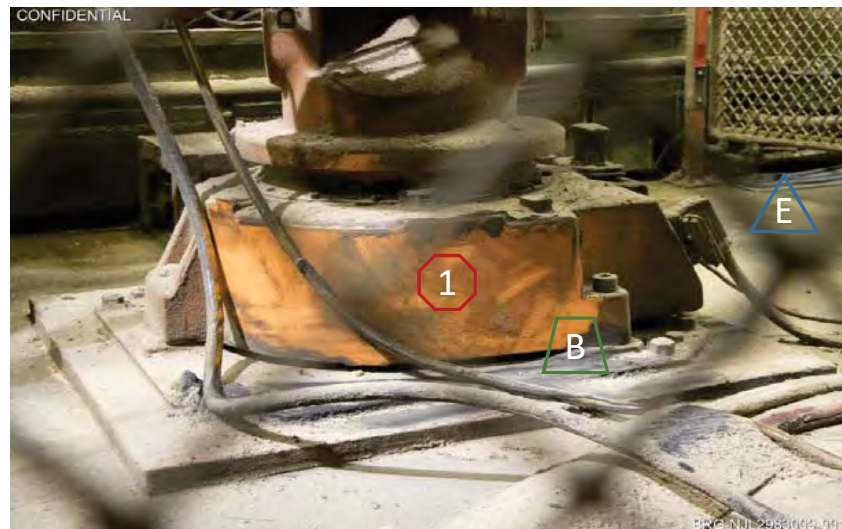
2 Robot Controller outside of cell fencing.

F Lorimendi core machine has separate asset tag

Picture NJL2983009-1 - Asset Diagram



Picture NJL2983009-2 - Robot



Picture NJL2983009-3 - Robot (Attachment)

Components/Connection and Attachment



Compressed air is delivered to the robot through flexible rubber hose.



Electrical power and data are fed to the robot via loose cable; certain cable utilizes quick disconnect fittings.



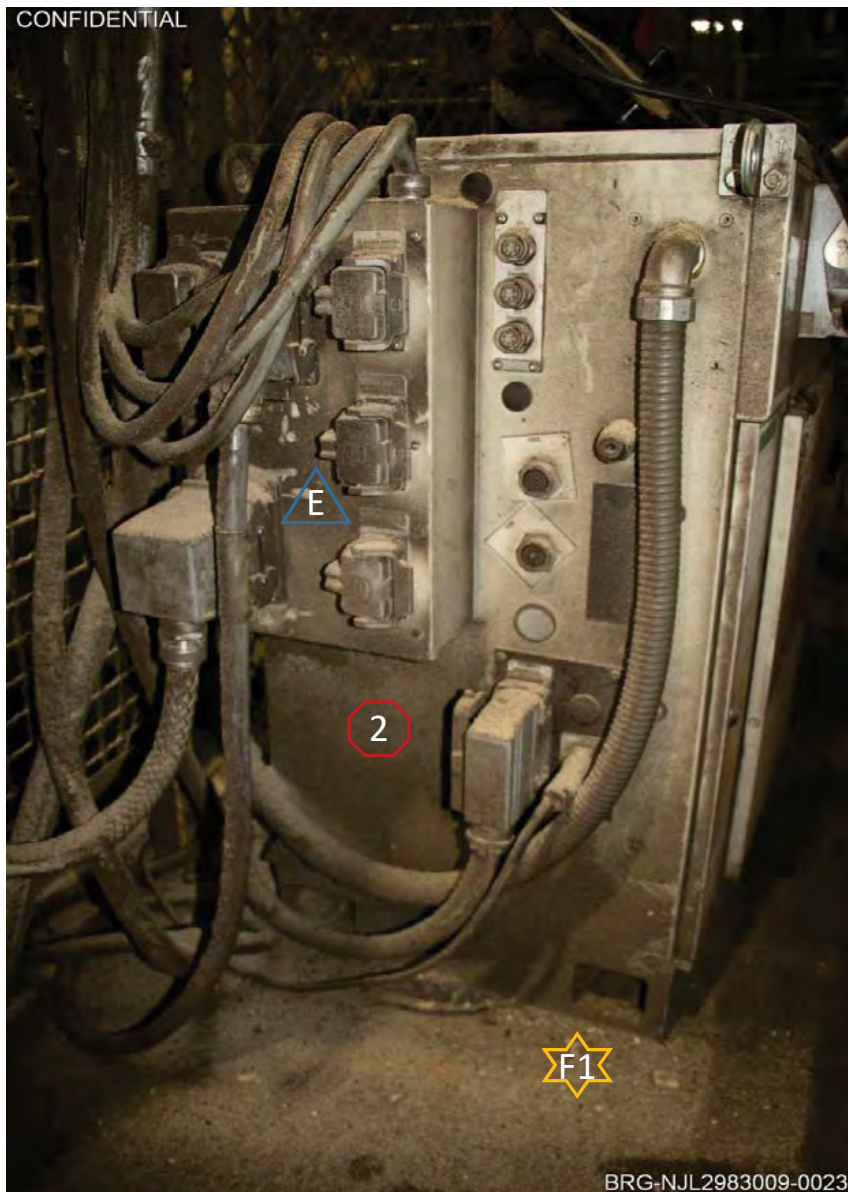
The robot is bolted to a base plate which is in turn attached to a low pad in the building floor with lag bolts.



Robot inside cell fencing. Lorimendi core machine is shown behind robot.



Robot arm extends above the base



Picture NJL2983009-4 - Controller (Side)



Picture NJL2983009-5 - Controller

Connection and Attachment



Electrical power and data are connected to the controller by loose cable with quick disconnect fittings.



The bottom frame of the controller has been designed with forklift carrying tubes.



There are four side mounted eye hooks mounted near the top of the controller to assist in relocation.



Robot Controller outside of cell fencing.

P&H Charger Crane
Asset ID NJL6084400 (Representative Asset No. 40)

GM Powertrain Defiance

Description of Asset

Description	P&H Charger Crane
Manufacturer	P&H
Model	7.5T
Serial Number	CO-30877

Asset ID NJL608440 consists of a seven and a half ton capacity furnace charging bridge crane (the "P&H Charger Crane"). The P&H Charger Crane is located at GM's Defiance Powertrain facility within the raw material bay of the melt shop building. The P&H Charger Crane is reported to be a type CO crane, has serial number CO-30877, was manufactured by P&H in 1996, and placed in service at Defiance in July 1997. It is used to transport scrap ferrous metal throughout the raw material bay. The main components of the Charger Crane include a double girder bridge, a top-riding trolley with wire rope hoist, and a control cab.

Fixture Conclusions

Annexation to Realty	No
Adapted to Use or Purpose of Realty	Partially
Permanent Annexation Intended	Partially
Ohio Situated Property Addendum	The Charger Crane is not essential to the use of the building as a building

Concluded Classification **Not a Fixture (Personal Property)**

Physical Attachment & Classification Considerations

Primary Method of Attachment: Not attached

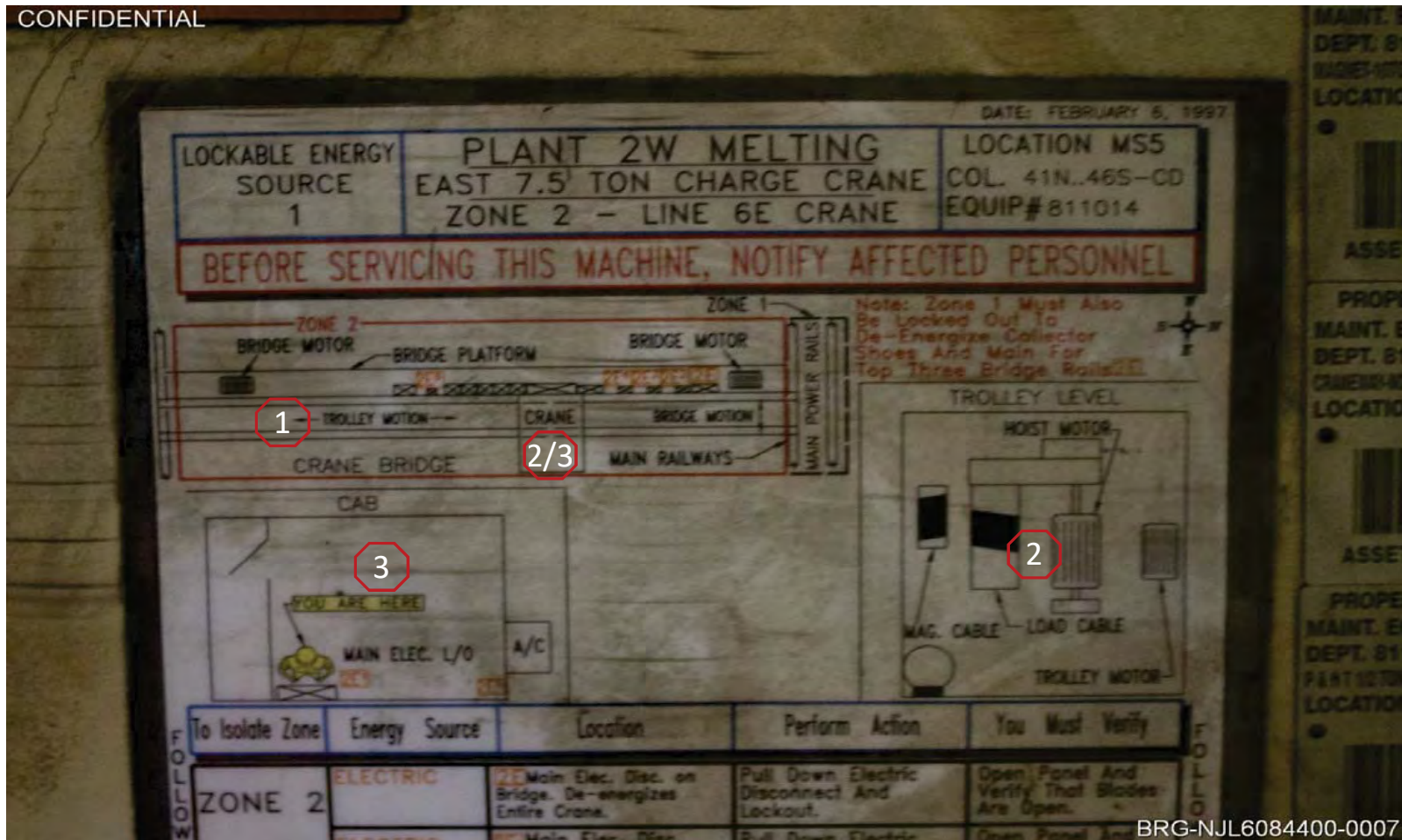
1. Pads/Foundations/Piers/Pits ----->	No	6. Asset Design/Construction Type ----->	Reversible assemblage of components
2. Piping/Ductwork Connections ----->	No	7. Asset Typically Sold with Land and Building ----->	On occasion
3. Wiring/Electrical Connections ----->	Indirect connection via busbars	8. Damage to Realty from Removal----->	No
4. Separate Control Panel/Operator Stand ----->	Yes - Control Cab	9. Damage to Subject Asset from Removal----->	No
5. Catwalk/Platforms/Stairs/Railings ----->	Yes - Catwalk attached to bridge	10. Similar Assets Removed from GM Facilities ----->	Yes
		11. Similar Assets Relocated within GM for Reuse ----->	Yes
		12. Similar Assets Traded on the Secondary Market ----->	Yes

Fixed Asset Listing Information [a]

Asset ID	NJL6084400
Asset Description	P & H 7 1/2 TON CHARGER CRANE 6E CUPOLA
Category	OTHER PRODUCTION EQUIP
Company Name (Location)	GM POWERTRAIN DEFIANCE
Operation Description	CONVERSION
In Service Date	7/28/1997
Total Installed Cost	\$639,653
Depreciable Life (Accounting)	13 YRS
Property Tax Classification [b]	PERSONAL

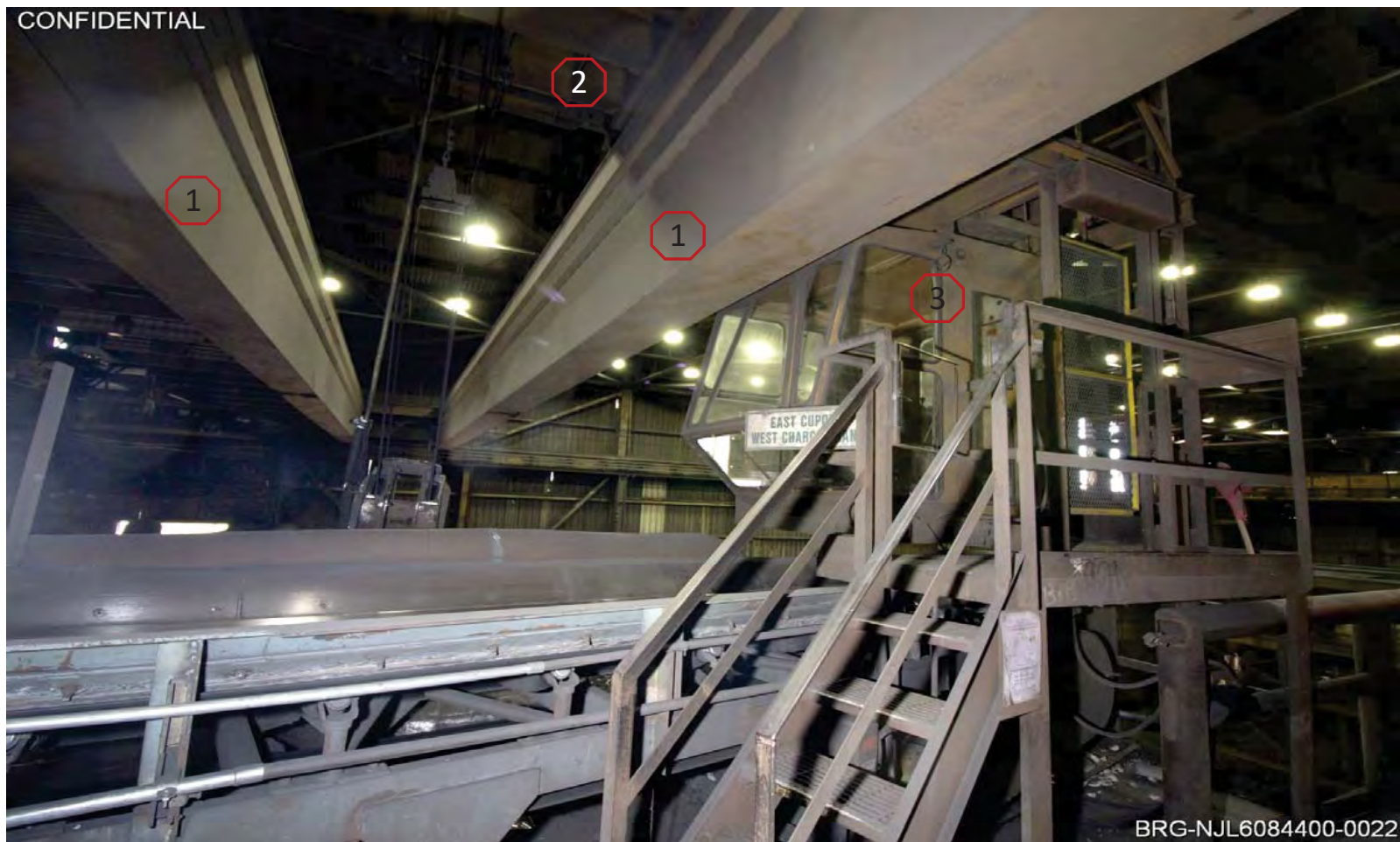
[a] Fixed asset listing information was obtained from NewGM000005131.

[b] Property tax classification information was obtained from KPMG-GM0092238.



Picture NJL6084400-1 - Asset Diagram & Layout

- 1 Double Girder Bridge
- 2 Electric Wire Rope Hoist
- 3 Control Cab



Picture NJL6084400-2 - Charger Crane (Underside)

1

Double Girder Bridge

3

Control Cab

2

Trolley with Electric Wire Rope
Hoist



Picture NJL6084400-3 - Charger Crane (Back)



Common busbar rails run along the far side runway to supply power to the trolley motors.



Power is then transferred to the bridge by festooned wiring with quick disconnect fittings.



Double Girder Bridge



Control Cab



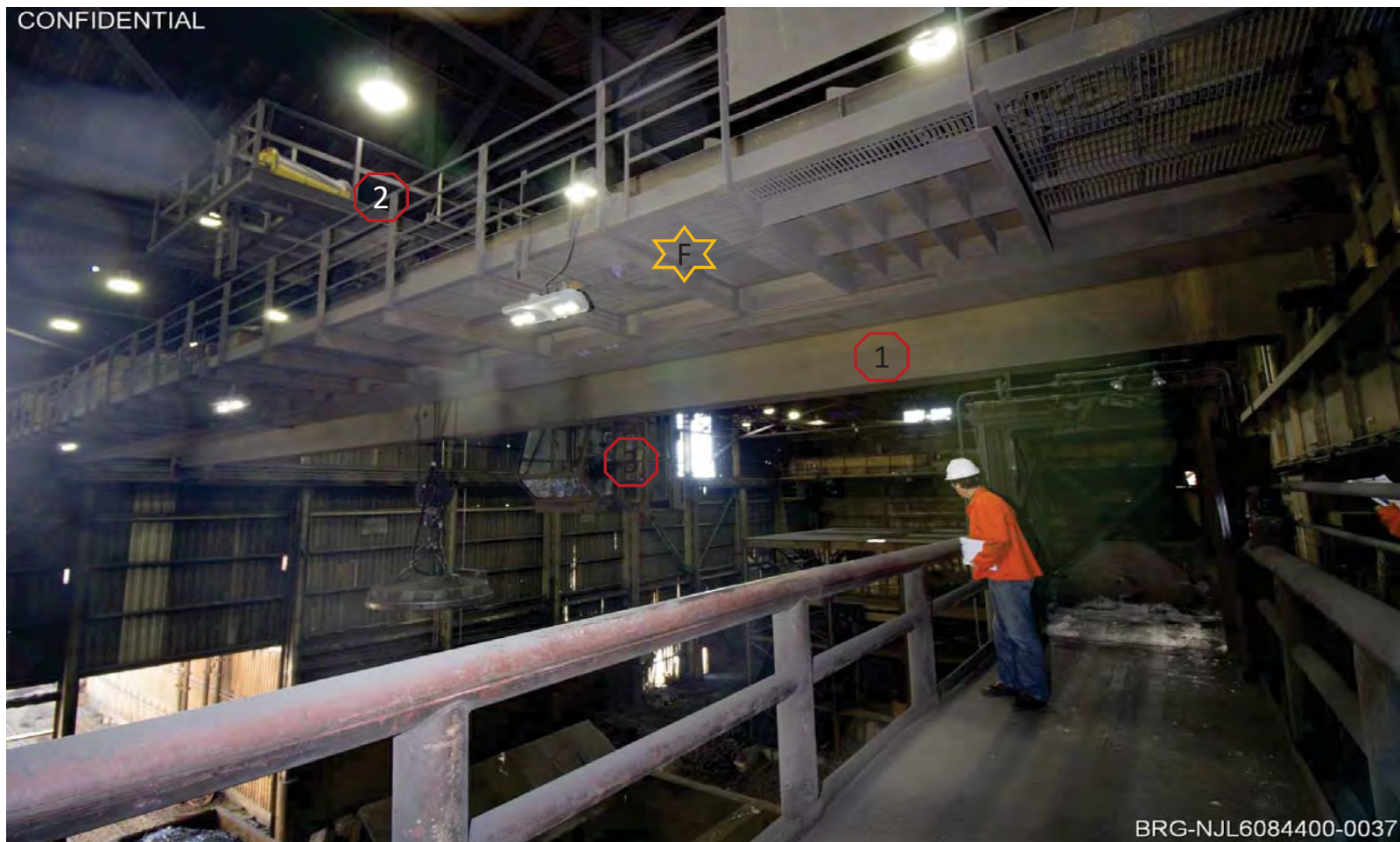
The control cab is attached to the hoist trolley by nut and bolt fasteners. The hoist trolley and cab structure travel together along the span of the bridge.



Wire in conduit connects the control cab to various powered components.



Trolley with Electric Wire Rope Hoist



Picture NJL6084400-4 - Charger Crane (Front)



A steel catwalk is attached to the front bridge girder and spans the entire length of the bridge.



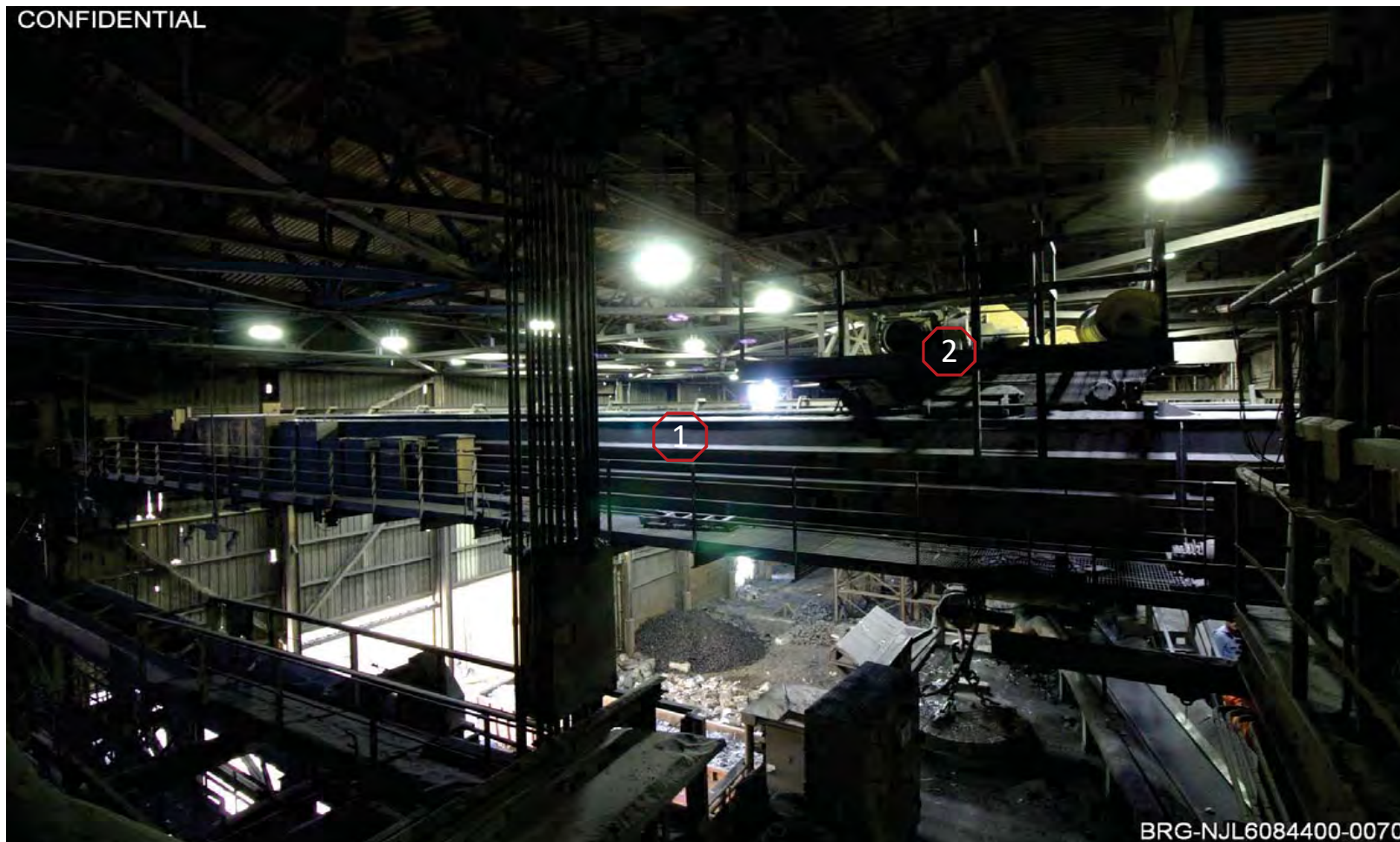
Trolley with Electric Wire Rope Hoist



Double Girder Bridge



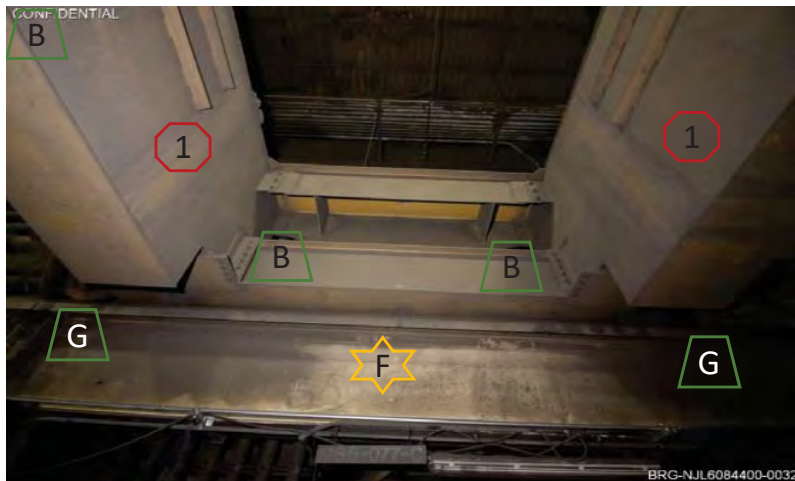
Control Cab



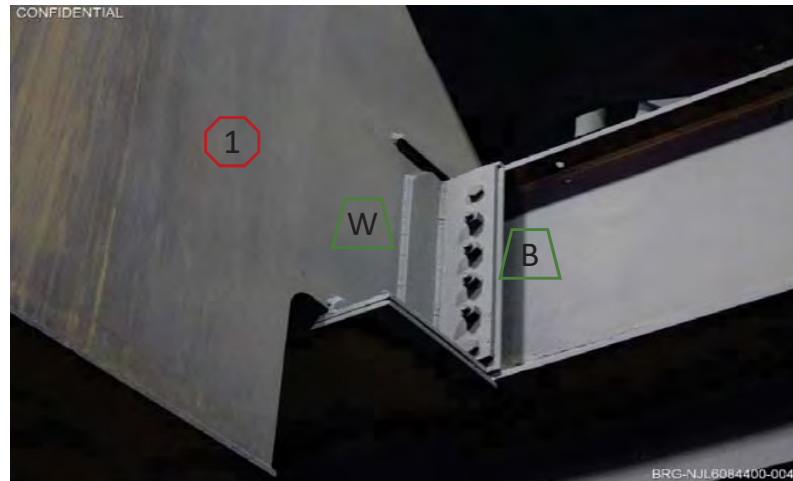
Picture NJL6084400-5 - Charger Crane (Front)

1 Double Girder Bridge

2 Trolley with Electric Wire Rope Hoist



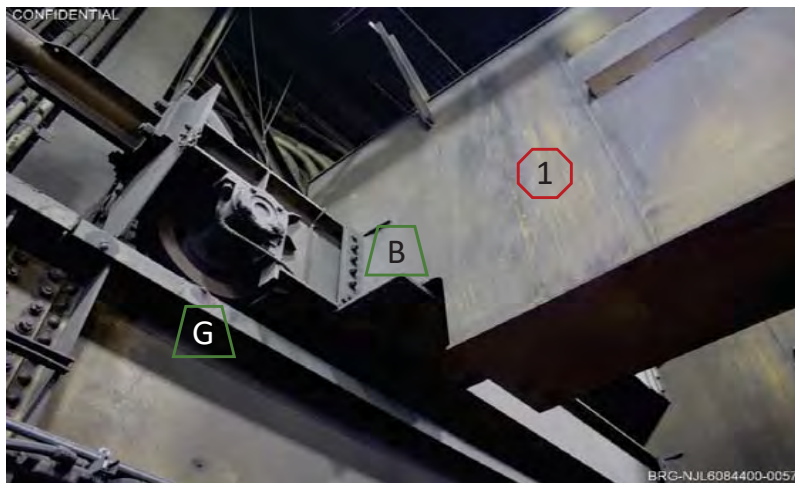
Picture NJL6084400-6 - Bridge and Crane Runway



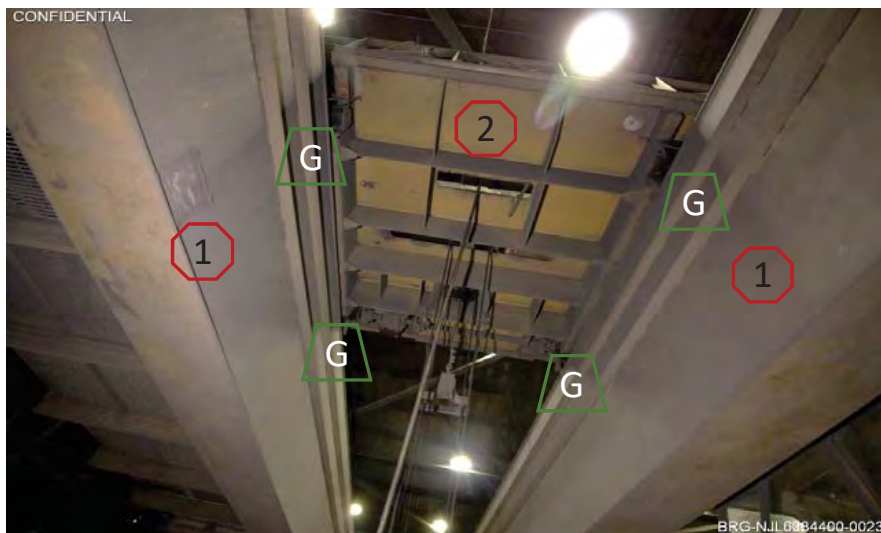
Picture NJL6084400-8 - Bridge and Trolley Connection

Connection and Attachment

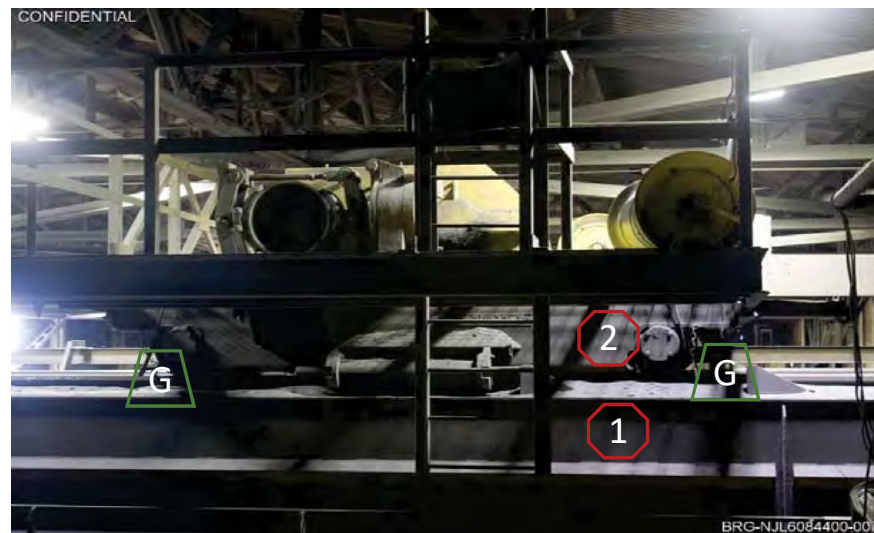
- G** The bridge trolley is equipped with two wheels that rest on the top of the crane runway. The opposite side of the bridge is attached in the identical fashion.
- W** Angle brackets are welded to the bridge girders. The angle brackets attach to the trolley with nut and bolt fasteners.
- B** The structural steel that makes up the bridge girders are connected to the trolley structure by nut and bolt fasteners. All structural steel that is included in the bridge is connected with similar reversible attachment methods.
- F** The crane runway is a separate asset; the runway existed long before the P&H Charger Crane was installed.
- 1** Double Girder Bridge



Picture NJL6084400-7 - Bridge and Crane Runway



Picture NJL6084400-6 - Bridge and Crane Runway



Picture NJL6084400-10 - Hoist (Topside)

Connection and Attachment

G The electric powered hoist trolley is equipped with four wheels that rest on the top of the bridge girders. They freely move along the entire span of the bridge.

1 Double Girder Bridge

2 Trolley with Electric Wire Rope Hoist