Appendix C

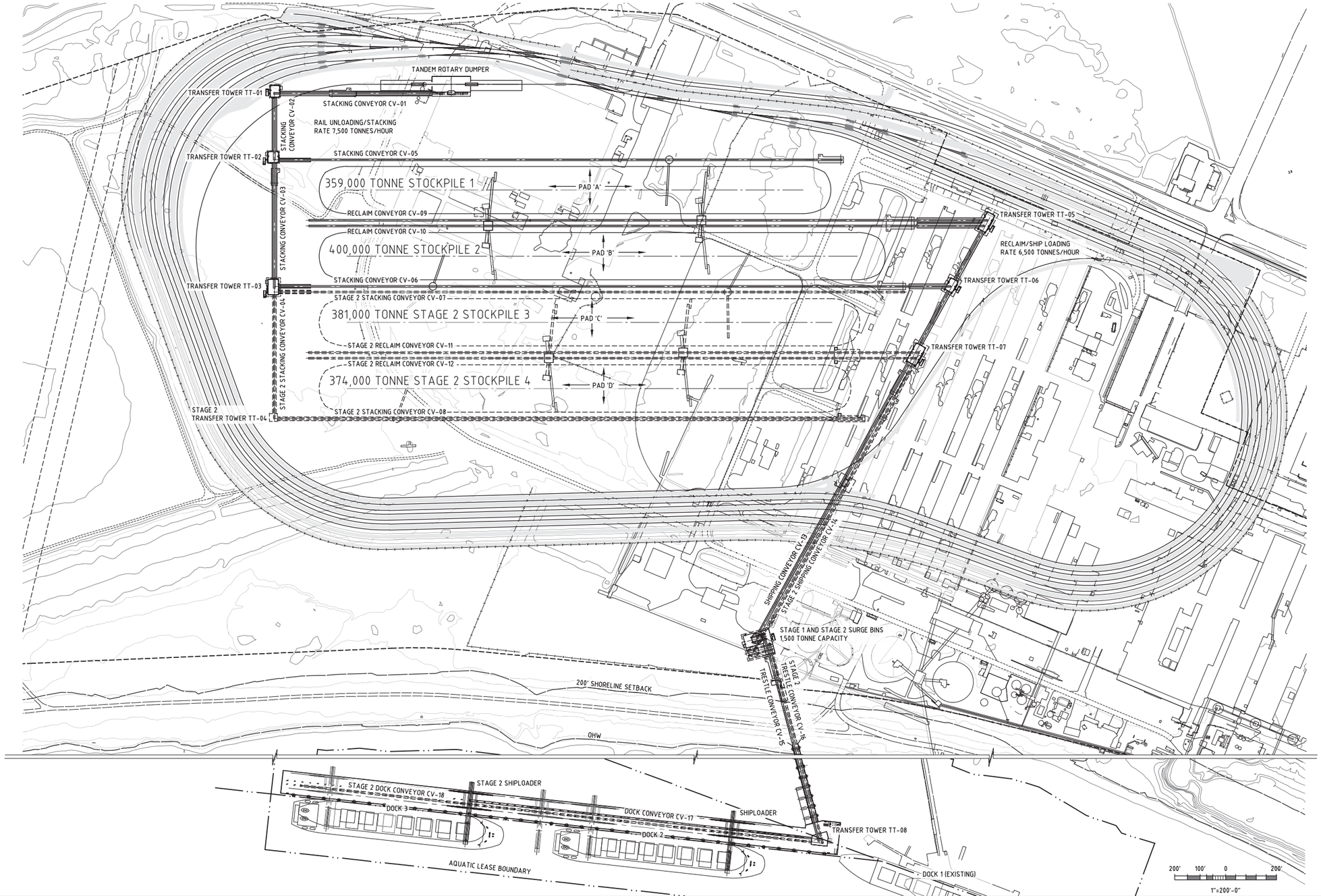
Coal Export Terminal Engineering Plan Sheets

Appendix C

Coal Export Terminal Engineering Plan Sheets

Sheet Number	Description
308106-00001-00-GE-DLP-0100	Plan view of Proposed Action at full build-out.
80563-00-DLP-0020	Plan view of Proposed Action during Stage 1. NOTE: Way Points (WP) are called out on this plan view and can be located on the following plan sheets to help orient the reviewer.
80563-00-GE-DLP-0105	Plan view of Proposed Action during Stage 1.
80563-00-GE-DSE-0106	Cross section view of stockpile areas with stackers (top view) and reclaimers (bottom view). (WP1)
80563-12-GE-DGA-0110	Plan view of tandem rotary dumper. Rotary dumper would rotate two rail cars at a time to dump the coal.
80653-12-GE-DGA-0112	Cross section view of rotary dumper
80563-13-GE-DGA-0116	Longitudinal plan view (top) and cross section view (bottom) of rotary dumper, showing the stacker and conveyor located beneath the rotary dumper. (WP1)
80563-13-GE-DGA-0117	Transfer tower and conveyor plan view (top) and longitudinal cross section (bottom). Coal would be conveyed from the rotary dumper up to the top floor of the tower and transferred to another conveyor. (WP2)
80563-13-GE-DGA-0121	Transfer tower and conveyor cross section. Coal would enter the transfer tower (right view) and be transferred to another conveyor toward the stockpile areas (left view). Rail line from the rotary dumper is depicted in the middle showing clearance for the conveyor. (WP2)
80563-13-GE-DGA-0122	Transfer towers and conveyors plan view (top) and cross section view (bottom), showing conveyor between the transfer towers WP2 and WP3.
80563-13-GE-DGA-0127	Transfer tower plan view (top) and cross section (bottom) showing conveyor from WP3 to WP4.
80563-13-GE-DGA-0128	Transfer tower plan view (top) and cross section (bottom) showing conveyor from WP3 transfer tower entering WP4 transfer tower, which would transfer coal to stockpile area 2.
08563-13-GE-DGA-0132	Transfer tower (WP3) and stacker conveyor and stacker for stockpile area 1. Towers and stackers would be the same for the remaining stockpile areas (2-4).
08563-13-GE-DGA-0133	Plan view (top) and cross section view (bottom) for the end of stacker conveyor for stockpile area 1. End of stacker conveyors would be the same for the remaining stockpile areas (2-4).
80563-13-GE-DGA-0135	Transfer tower (WP4) plan view (top) and cross section (bottom) showing conveyor to stacker for stockpile areas 2 and 3. Conveyor continues on to transfer tower (WP7), shown in sheet 80563-13-GE-DGA-0135, below.
80563-13-GE-DGA-0136	Plan view of conveyor from transfer tower (WP4 – not shown) to transfer tower (WP7 – shown).
80563-14-GE-DGA-0140	Plan view (top) and cross section (bottom) of end of reclaimer conveyor for stockpile area 1.
80563-14-GE-DGA-0141	Plan view (top) and cross section (bottom) of reclaimer conveyor for stockpile areas 1 (top conveyor), terminating at transfer tower (WP6).

80563-14-GE-DGA-0142	Plan view (top) and cross section (bottom) of end of reclaimer conveyor for stockpile area 2.
80563-14-GE-DGA-0143	Plan view (top) and cross section (bottom) of reclaimer conveyor for stockpile areas 2 (top conveyor), terminating at transfer tower (WP6).
80563-14-GE-DGA-0152	Plan view (top) and cross section (bottom) of transfer towers (WP6 and WP7) and conveyors that would convey coal toward Docks 2 and 3.
80563-14-GE-DGA-0153	Plan view (top) and cross section (bottom) of transfer tower (WP8) and conveyors leading to Docks 2 and 3.
80563-14-GE-DGA-0154	Plan view (top) and cross section (bottom) of conveyor leading to Docks 2 and 3.
80563-14-GE-DGA-0155	Plan view (top) and cross section (bottom) of conveyors leading to surge bin (WP9), showing surge bins for both Stage 1 and Stage 2.
80563-15-GE-DGA-0162	Cross sections of surge bin (WP9).
80563-20-GE-DGA-0165	Plan view (top) and cross section (bottom) of surge bin (WP9) and conveyor entering trestle toward Docks 2 and 3.
80563-20-GE-DGA-0166	Plan view (top) and cross section (bottom) of conveyors and trestle leading to Docks 2 and 3.
80563-20-GE-DGA-0167	Plan view (top) and cross section (bottom) of conveyor and trestle to transfer tower (WP11).
80563-21-GE-DGA-0171	Cross section of transfer tower (WP11) showing how coal would be loaded on to conveyors for Docks 2 and 3.
80563-21-GE-DGA-0175	Plan view (top) and cross section (bottom) of transfer tower (WP11) and conveyor to shiploader on Dock 2.
80563-21-GE-DGA-0176	Plan view (top) and cross section (bottom) of Dock 2 with shiploader and end of conveyor for shiploader. Shiploader could move along the length of the conveyor on rail system.
80563-21-GE-DGA-0180	Plan view of trestle and Docks 2 and 3 with Panamax size vessels shown at docks.
80563-21-GE-DGA-0181	Cross section (top) of Docks 2 and 3 with shiploaders. Cross section (left) of shiploader and cross section (right) of trestle showing enclosed conveyors and how conveyors would elevate as they enter the transfer tower (WP11).



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D SHEET | SCALE SHOWN

OneWay

WORLEYPARSONS PROJECT No
308106-00001

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
COAL HANDLING TERMINAL
ALTERNATE 1 TERMINAL SITE PLAN

DRG No 308106-00001-00-GE-DLP-0100 | REV A

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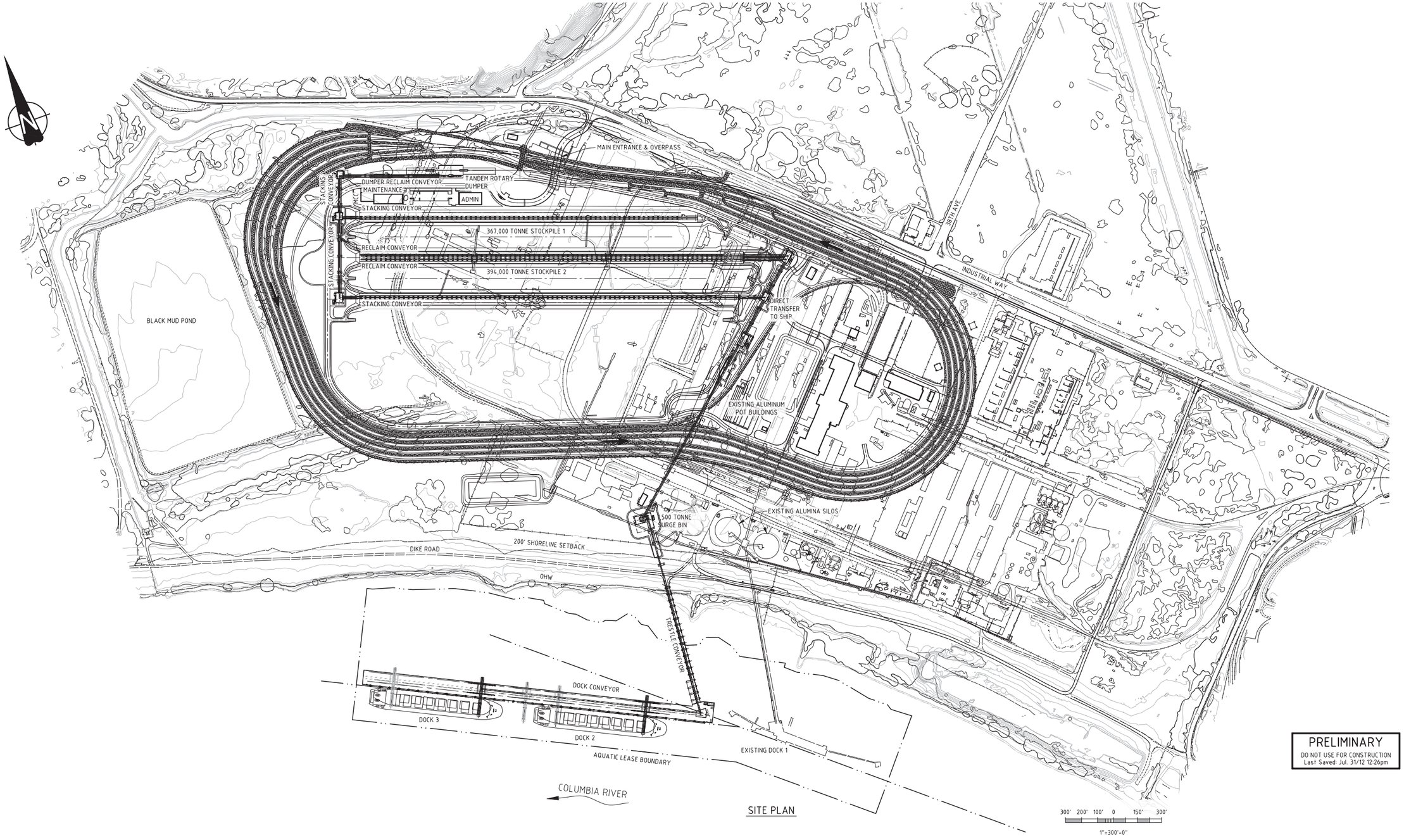

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D SHEET | SCALE | SHOWN

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WORLEYPARSONS PROJECT No
80563

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
COAL HANDLING TERMINAL
OVERALL SITE PLAN - STAGE 1

DRG No 80563-00-GE-DLP-0020 | REV A

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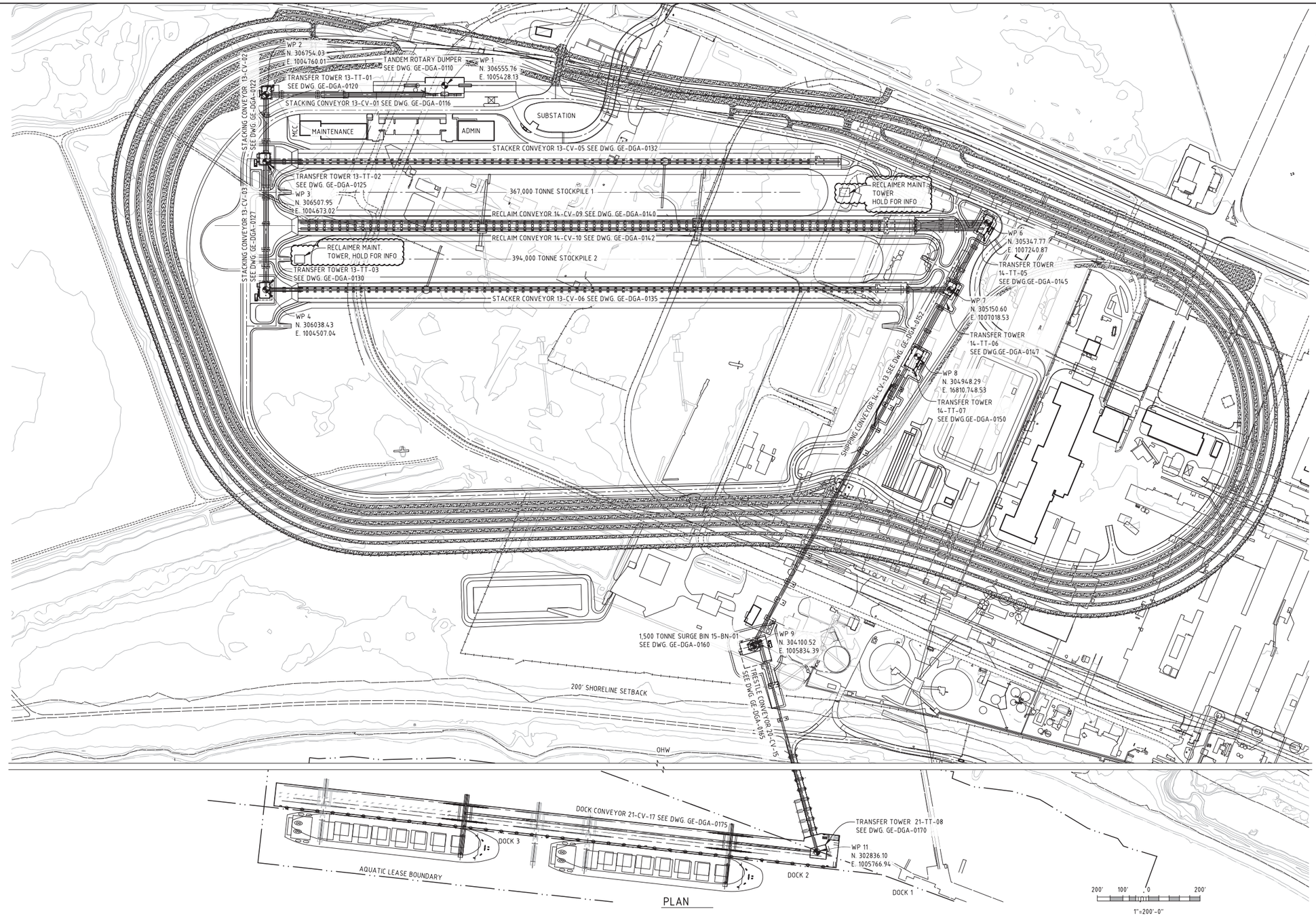

PLAN

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE COLUMBIA RIVER DATUM.
2. HORIZONTAL COORDINATES ARE REFERENCED TO WASHINGTON STATE PLANE SOUTH UTM NAD83(91) US SURVEY FEET.
3. ALL EQUIPMENT SHALL BE LOCATED BASED ON WORK POINT (WP) COORDINATES.
4. WORKPOINT (WP) IS DEFINED AS THE INTERSECTION IN PLAN VIEW, OF TWO CONVEYOR CENTERLINES, THE CENTER OF RAIL AND RAIL DUMPING EQUIPMENT, AND CENTER OF BIN.

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 26/12 6:51am

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D SHEET | SCALE | SHOWN

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
COAL HANDLING TERMINAL
TERMINAL SITE PLAN - STAGE 1

DRG No 80563-00-GE-DLP-0105 | REV A

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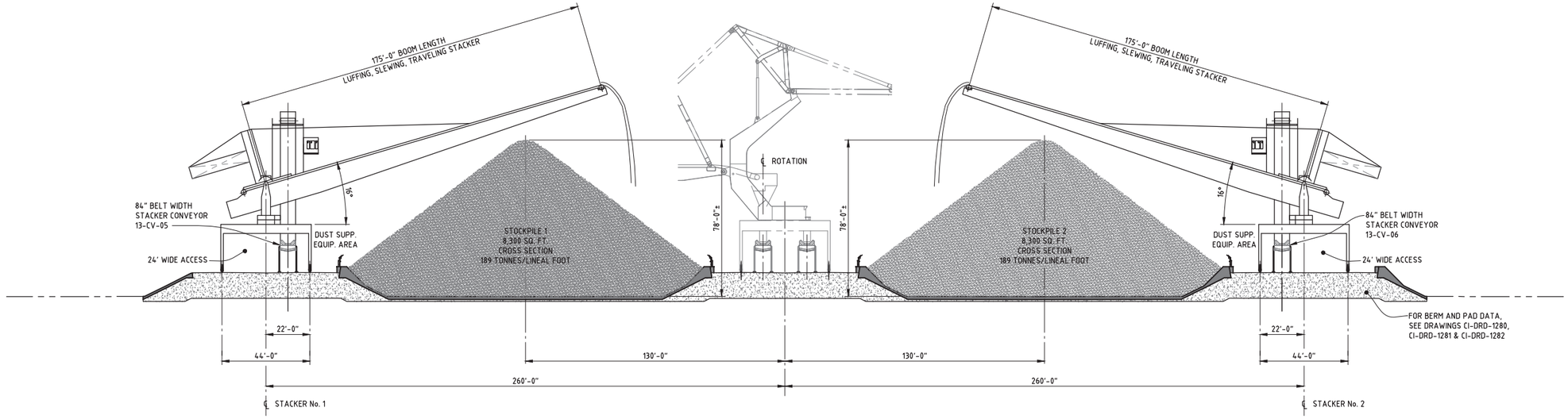
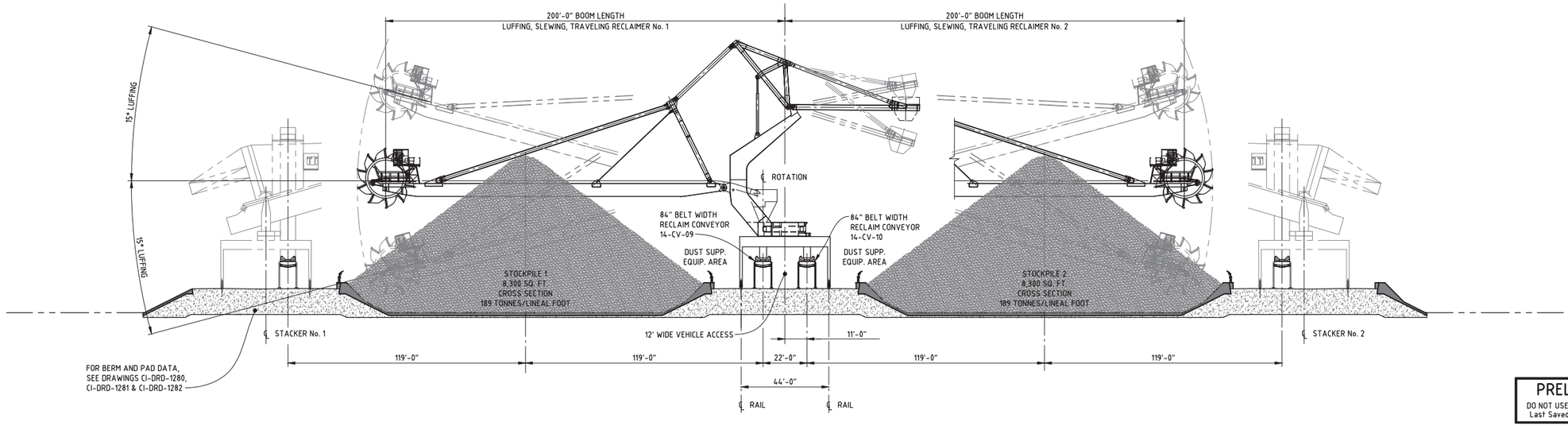


STOCKPILE CROSS SECTION
THRU STACKERS, (LOOKING EAST)

1" = 30'-0"



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DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 26/12 6:59am

STOCKPILE CROSS SECTION
THRU RECLAIMERS, (LOOKING EAST)

1" = 30'-0"

30' 20' 10' 0 25'

1"=30'-0"

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A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	RMW	-	-	-	-	-		

D SHEET | SCALE | SHOWN

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MILLENIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STOCKPILE CROSS SECTIONS
AT RECLAIMERS AND STACKERS

DRG No 80563-00-GE-DSE-0106 | REV A

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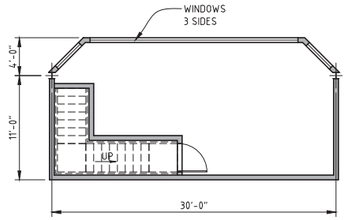
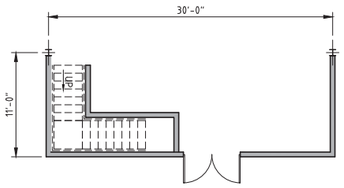
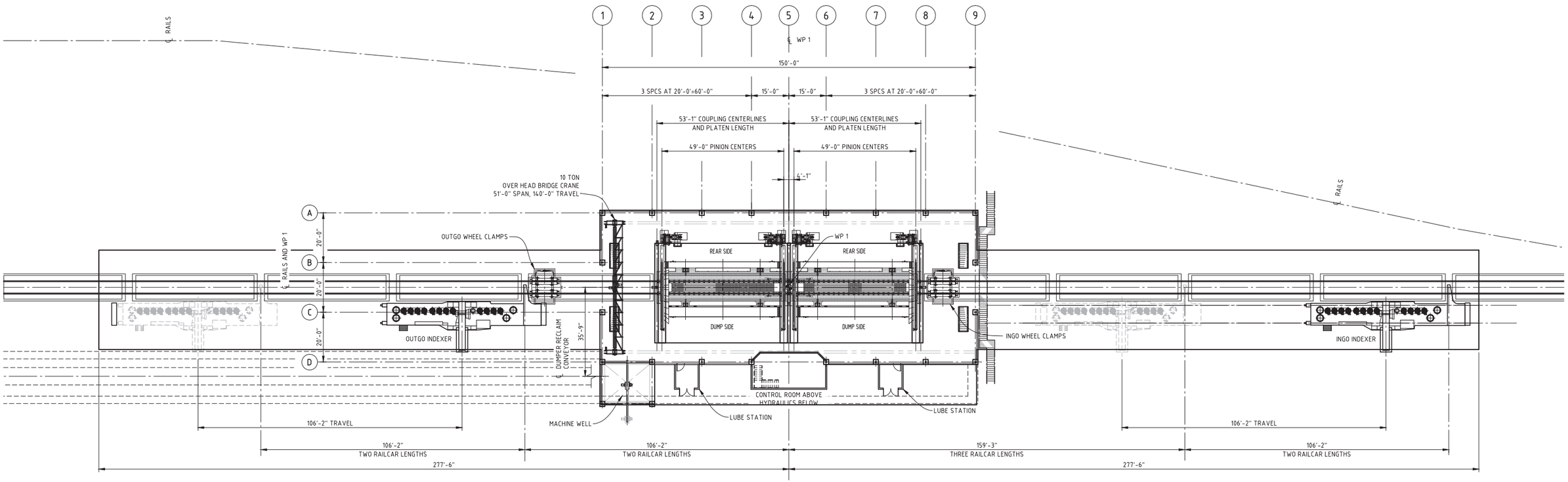


CONTROL ROOM
PLAN AT EL. 20'-7"
1/8"=1'-0"



HYDRAULICS ROOM
PLAN AT EL. 9'-5"
1/8"=1'-0"



PLAN - TANDEM ROTARY DUMPER
1"=20'-0"

20' 10' 0 10' 20'
1"=20'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 26/12 7:03am

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									ST-DTE-2400	ROTARY RAILCAR DUMPER, STEEL FRAMING PLAN BELOW EL. -29'-0"
									AR-DGA-2300	ROTARY RAILCAR DUMPER, ARCHITECTURAL ELEVATIONS
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	RMW	-	-	-	-	-	ST-DCN-2030	ROTARY RAILCAR DUMPER, PLAN

D SHEET | SCALE | SHOWN

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WORLEYPARSONS PROJECT No
80563

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TANDEM ROTARY RAILCAR DUMPER
PLAN AT TOP OF RAIL

DRG No 80563-12-GE-DGA-0110 | REV A

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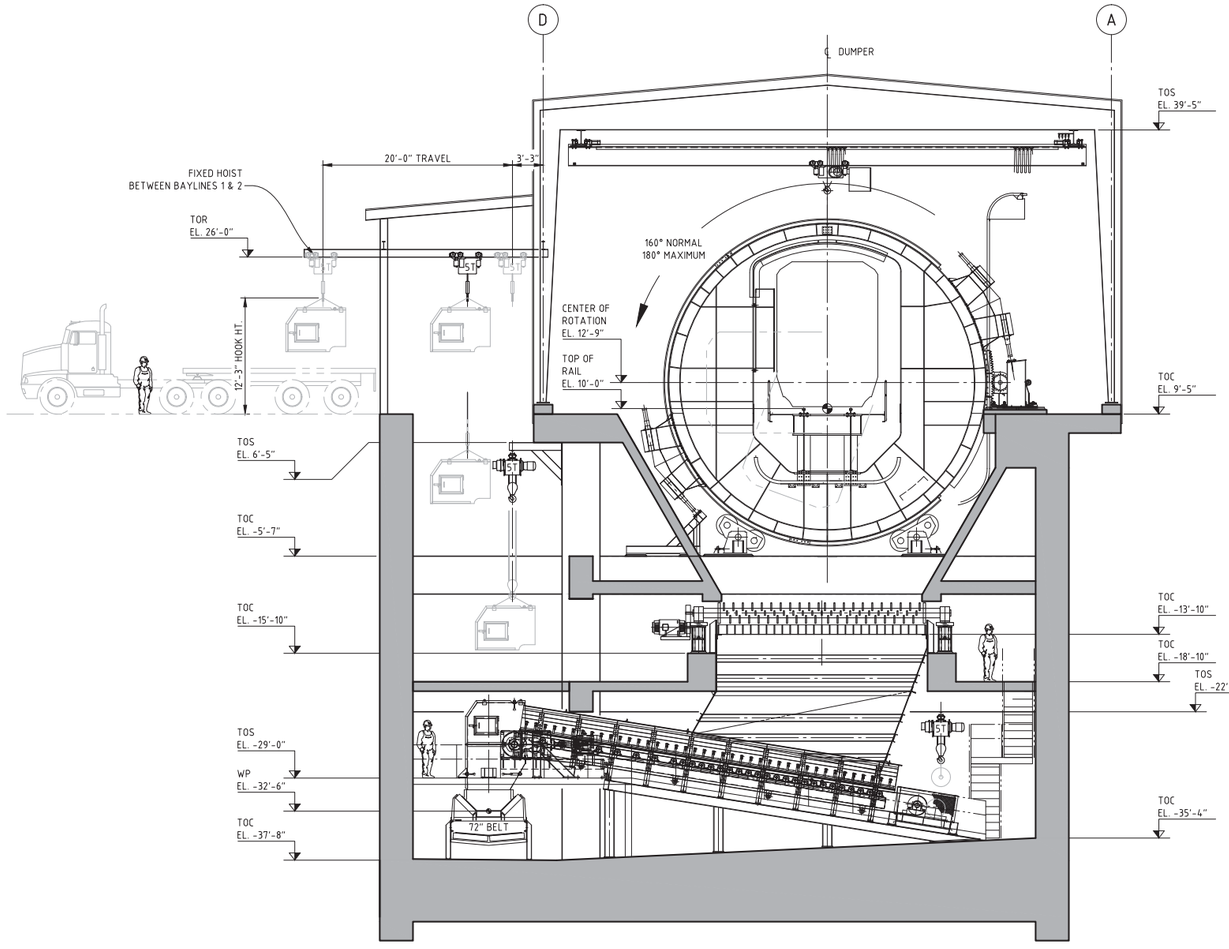

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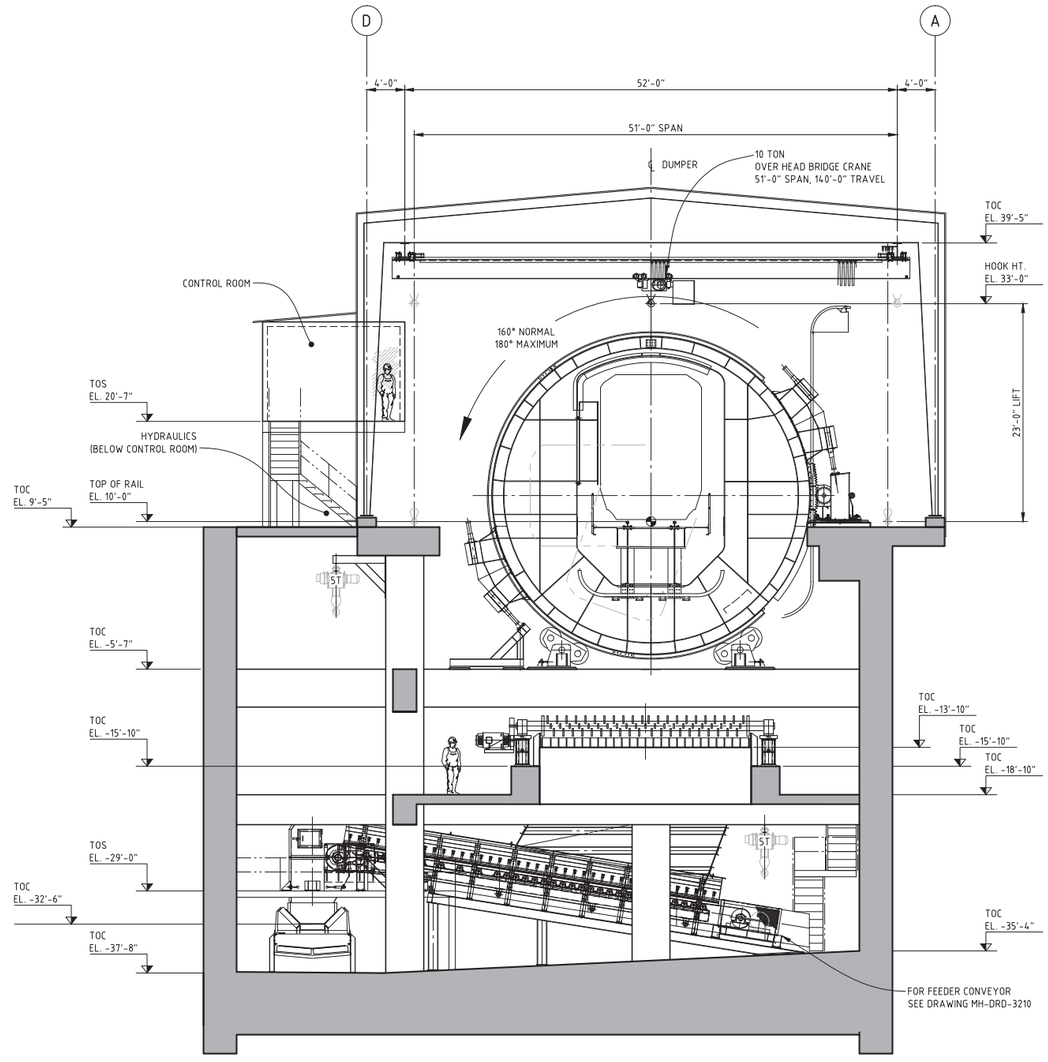
GE-DGA-0111



SECTION B
1/8"=1'-0"
GE-DGA-0111

8' 4' 2' 0 8'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 26/12 7:03am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
									ST-DTE-2400	ROTARY RAILCAR DUMPER, STEEL FRAMING PLAN BELOW EL. -29'-0"
									AR-DGA-2300	ROTARY RAILCAR DUMPER, ARCHITECTURAL ELEVATIONS
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	RMW	-	-	-	-	-	ST-DCN-2030	ROTARY RAILCAR DUMPER, PLAN

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TANDEM ROTARY RAILCAR DUMPER
SECTIONS

DRG No 80563-12-GE-DGA-0112 | REV A

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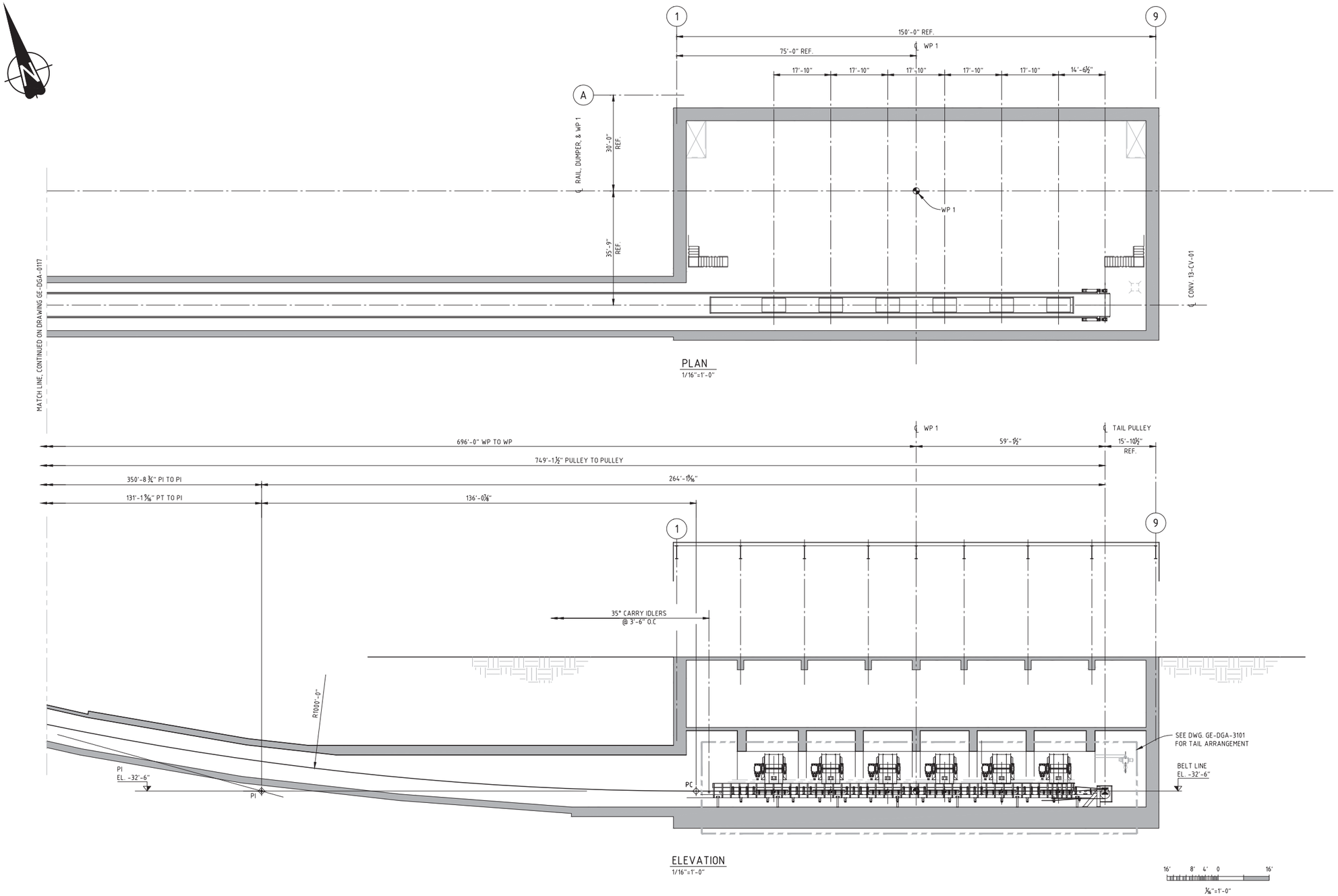

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D SHEET | SCALE | SHOWN

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-01
PLAN & ELEVATION SHEET - 1

DRG No 80563-13-GE-DGA-0116 | REV A

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SAVE DATE & TIME: 24/9/2012 1:49:47 PM
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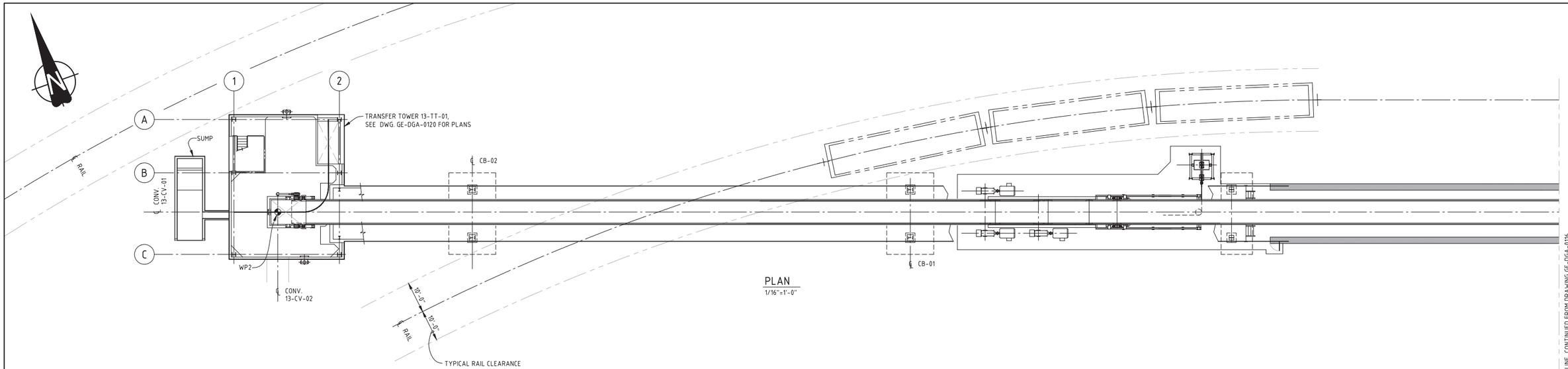
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0116-0120-0121.DWG



PLAN
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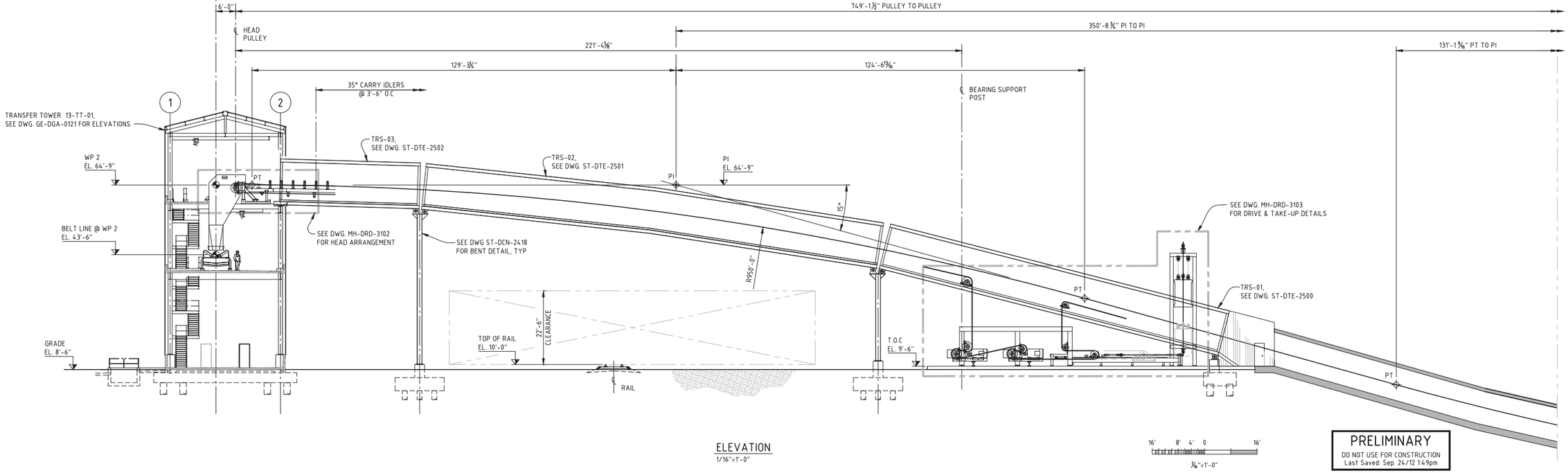

ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:49pm

MATCH LINE, CONTINUED FROM DRAWING GE-DGA-0116

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-01
PLAN & ELEVATION SHEET - 2

DRG No 80563-13-GE-DGA-0117 | REV A

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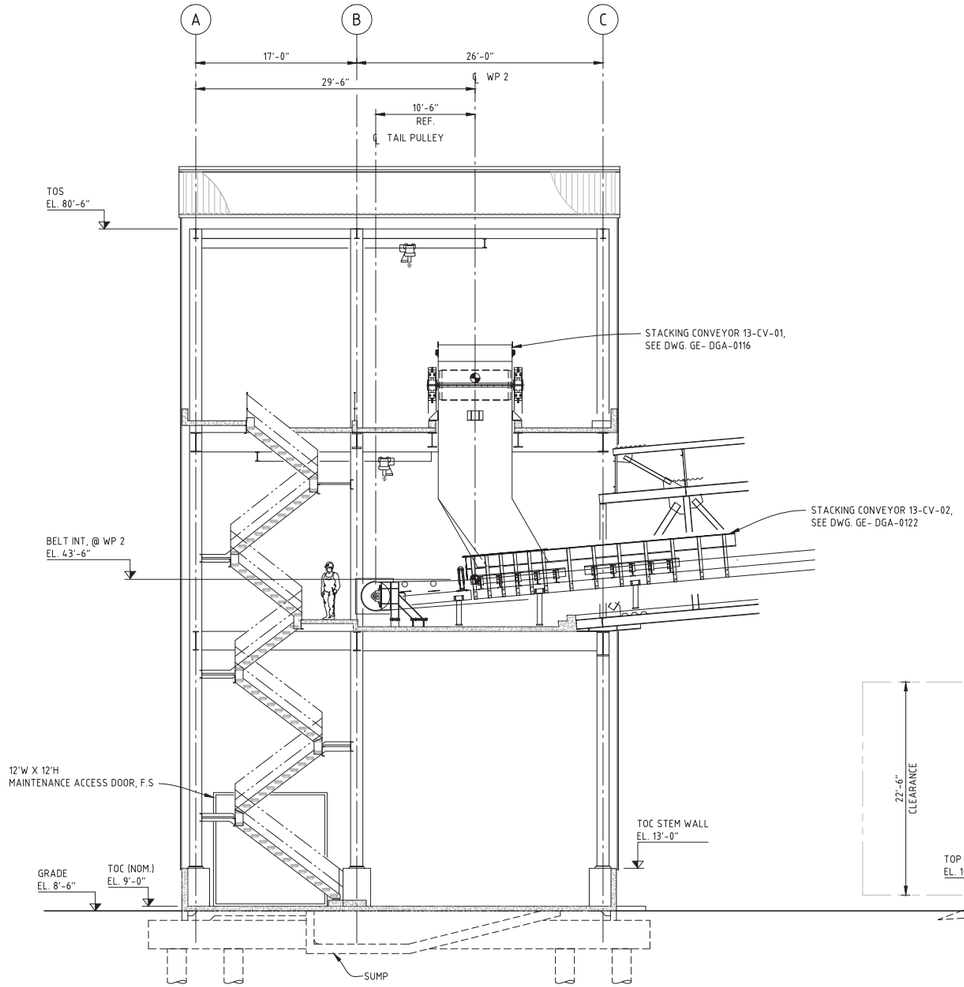

WEST ELEVATION
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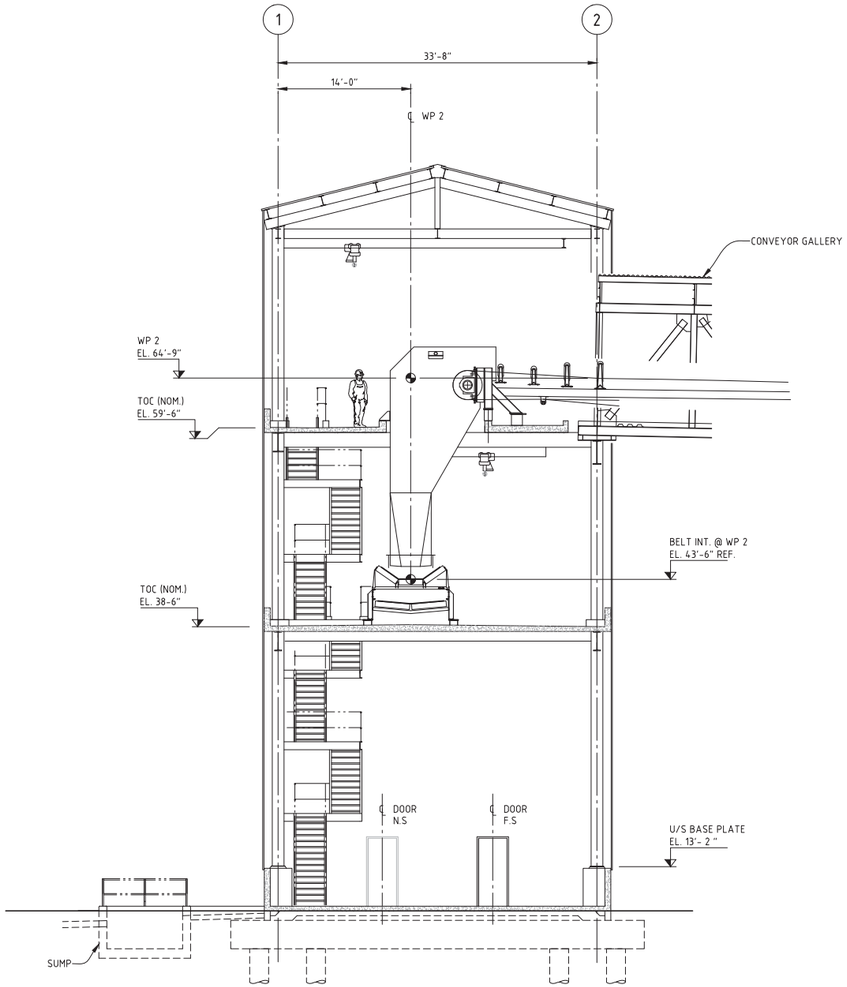

SOUTH ELEVATION
1/8"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:49pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

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MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TRANSFER TOWER 13-TT-01
ELEVATIONS

DRG No 80563-13-GE-DGA-0121

REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0116-0117-0120-0121.DWG
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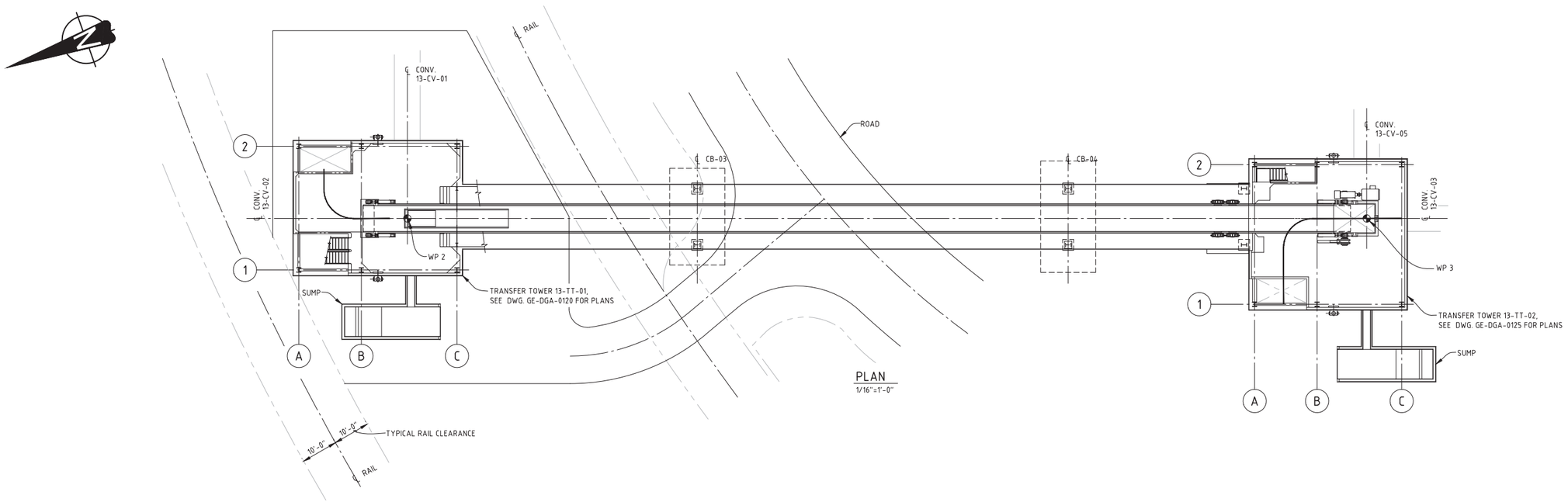

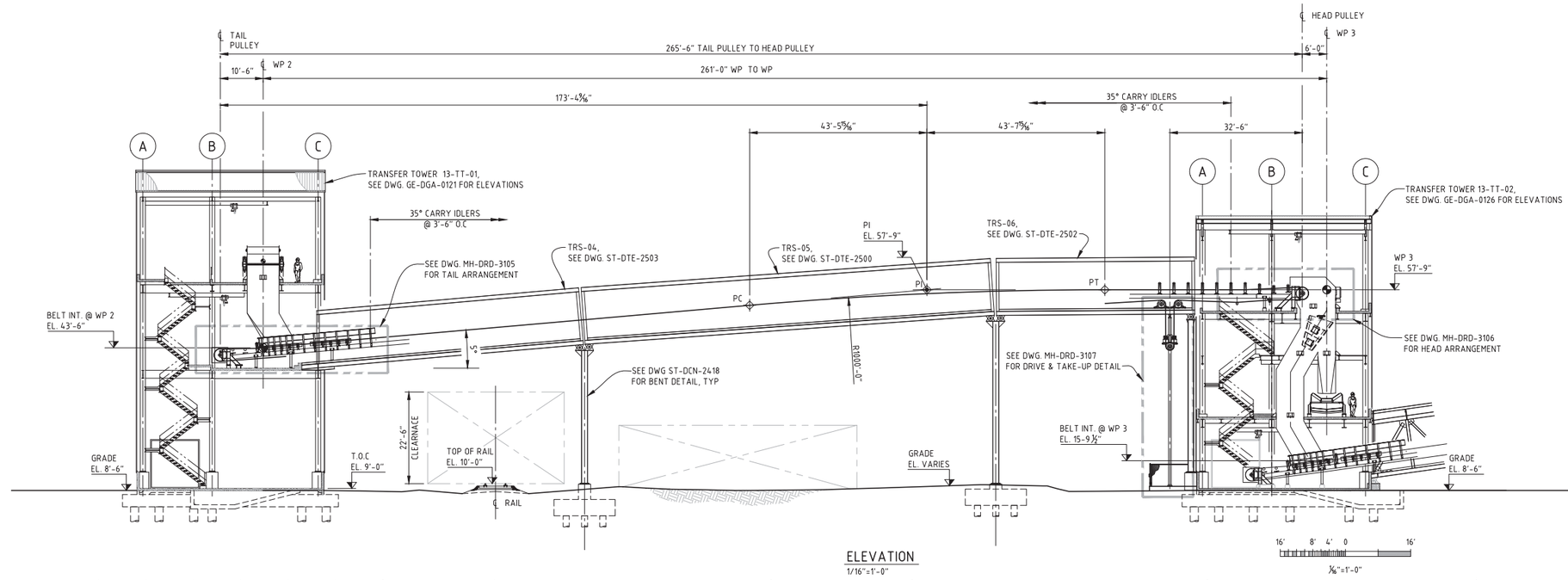

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:42pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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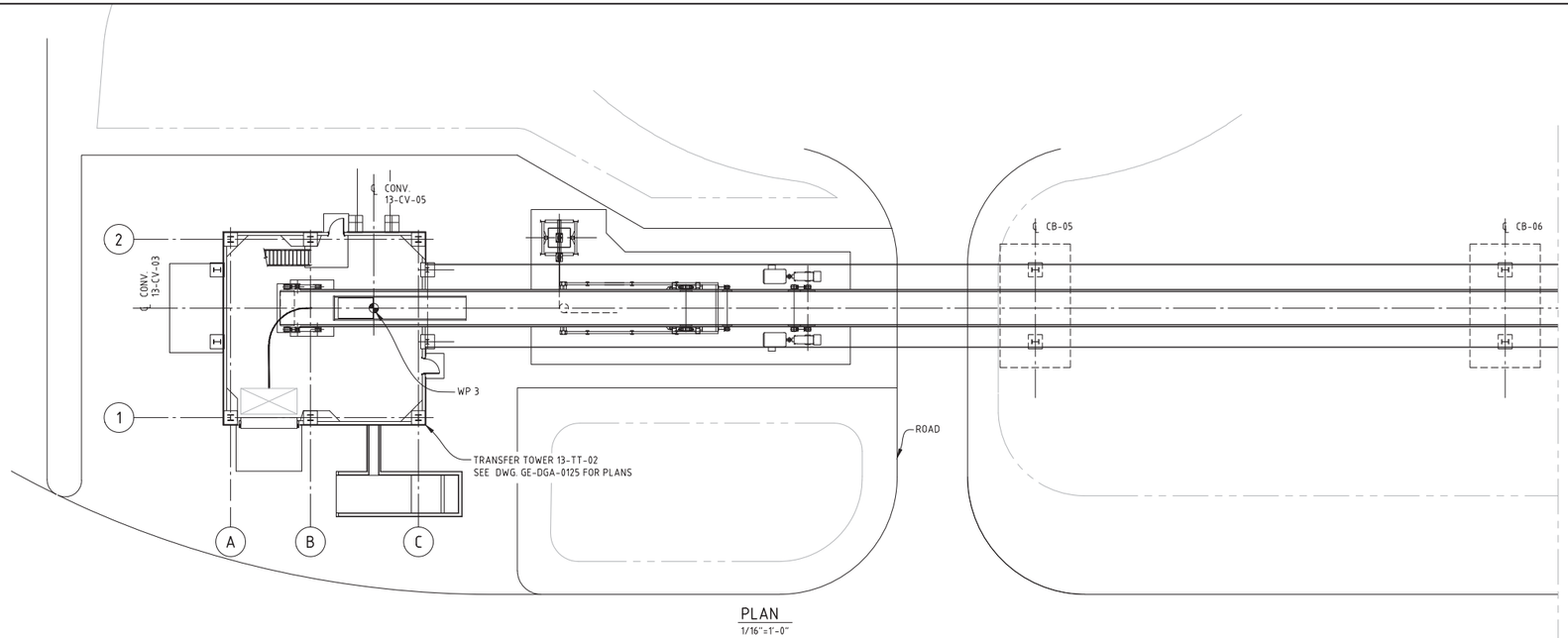
WorleyParsons resources & energy

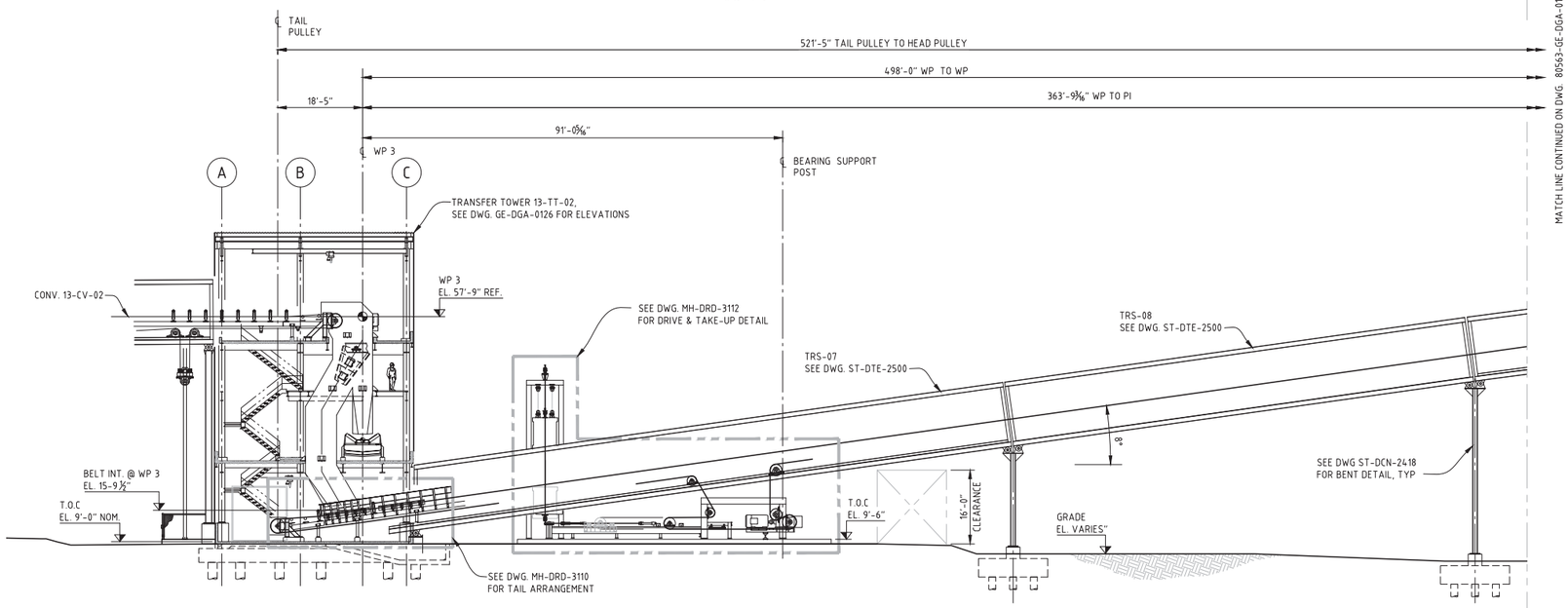
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-02
PLAN & ELEVATION

DRG No 80563-13-GE-DGA-0122 | REV A

PLOT DATE & TIME: 24/9/2012 3:28:33 PM
SAVE DATE & TIME: 24/9/2012 1:42:24 PM
USER NAME: taras.balyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0122.DWG



PLAN
1/16"=1'-0"



ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:52pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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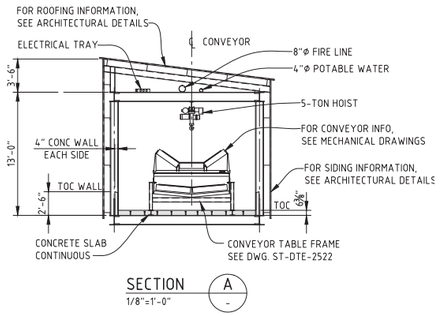
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-03
PLAN AND ELEVATION SHEET - 1

DRG No 80563-13-GE-DGA-0127
REV A

PLOT DATE & TIME: 24/9/2012 3:33:09 PM
SAVE DATE & TIME: 24/9/2012 1:52:45 PM
USER NAME: faras.bayuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0127-0128.DWG



SECTION A
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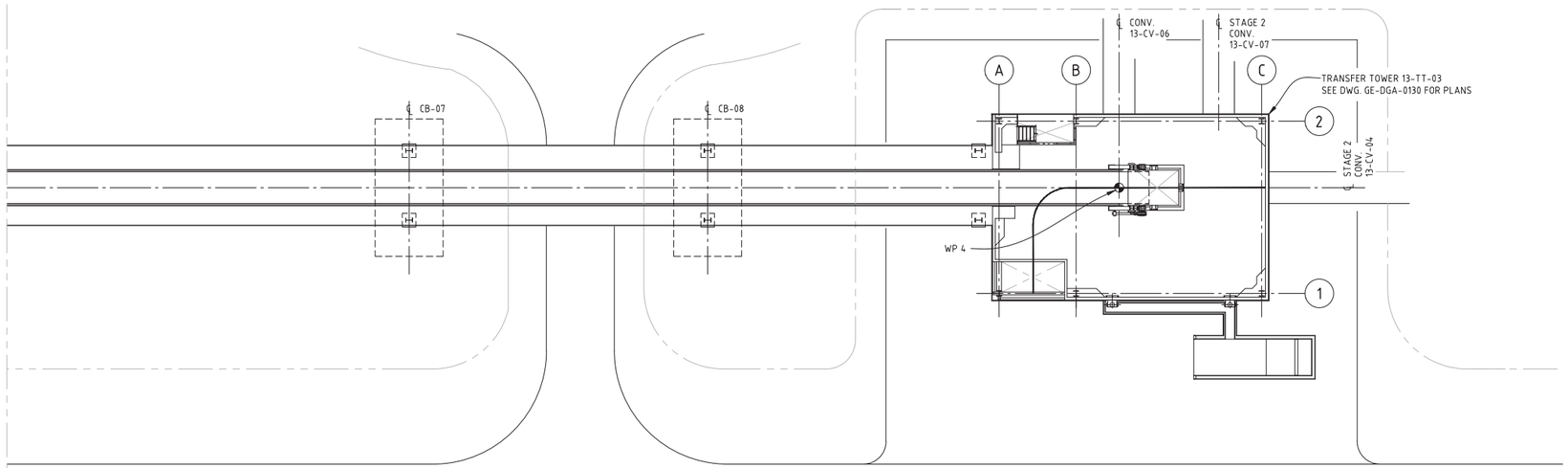
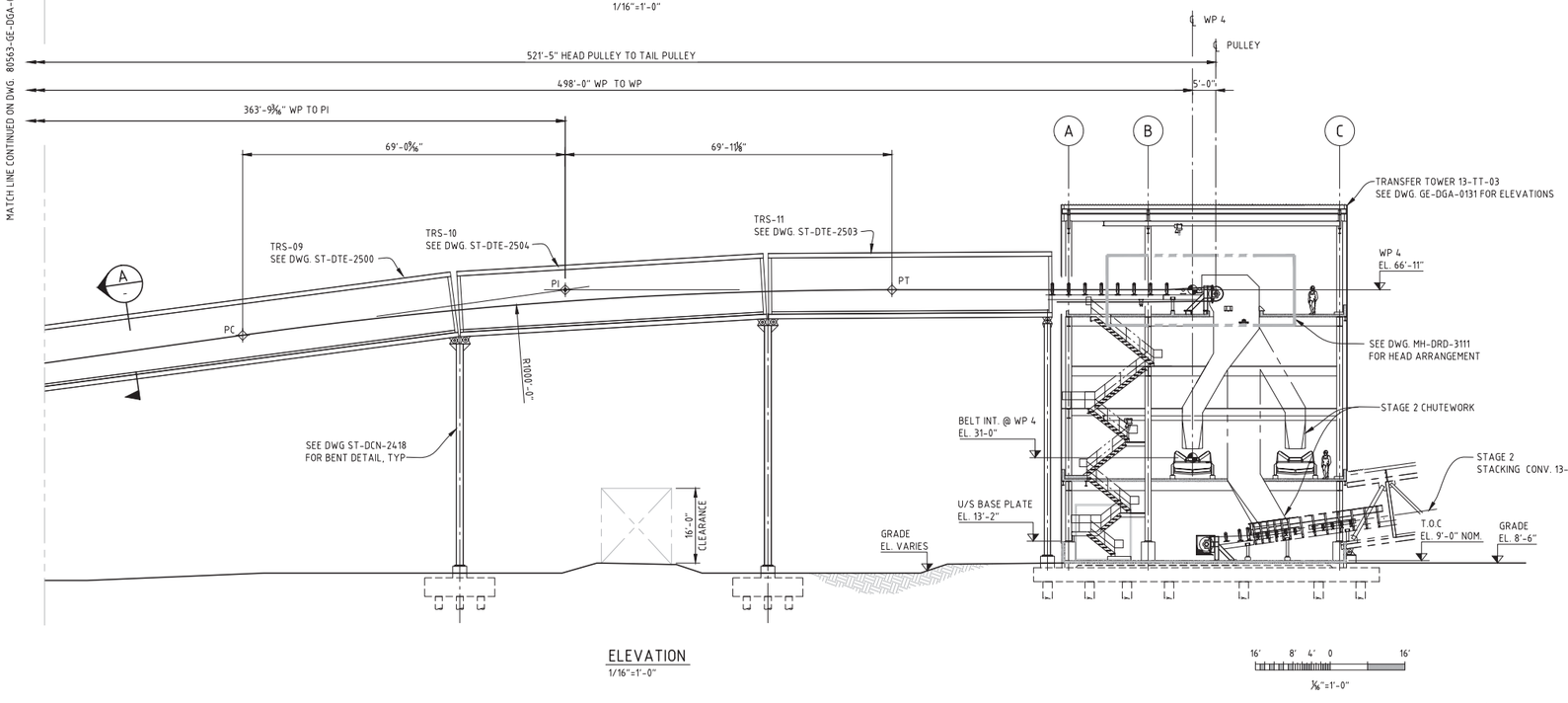


PLAN
1/16"=1'-0"



ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 25/12 9:04am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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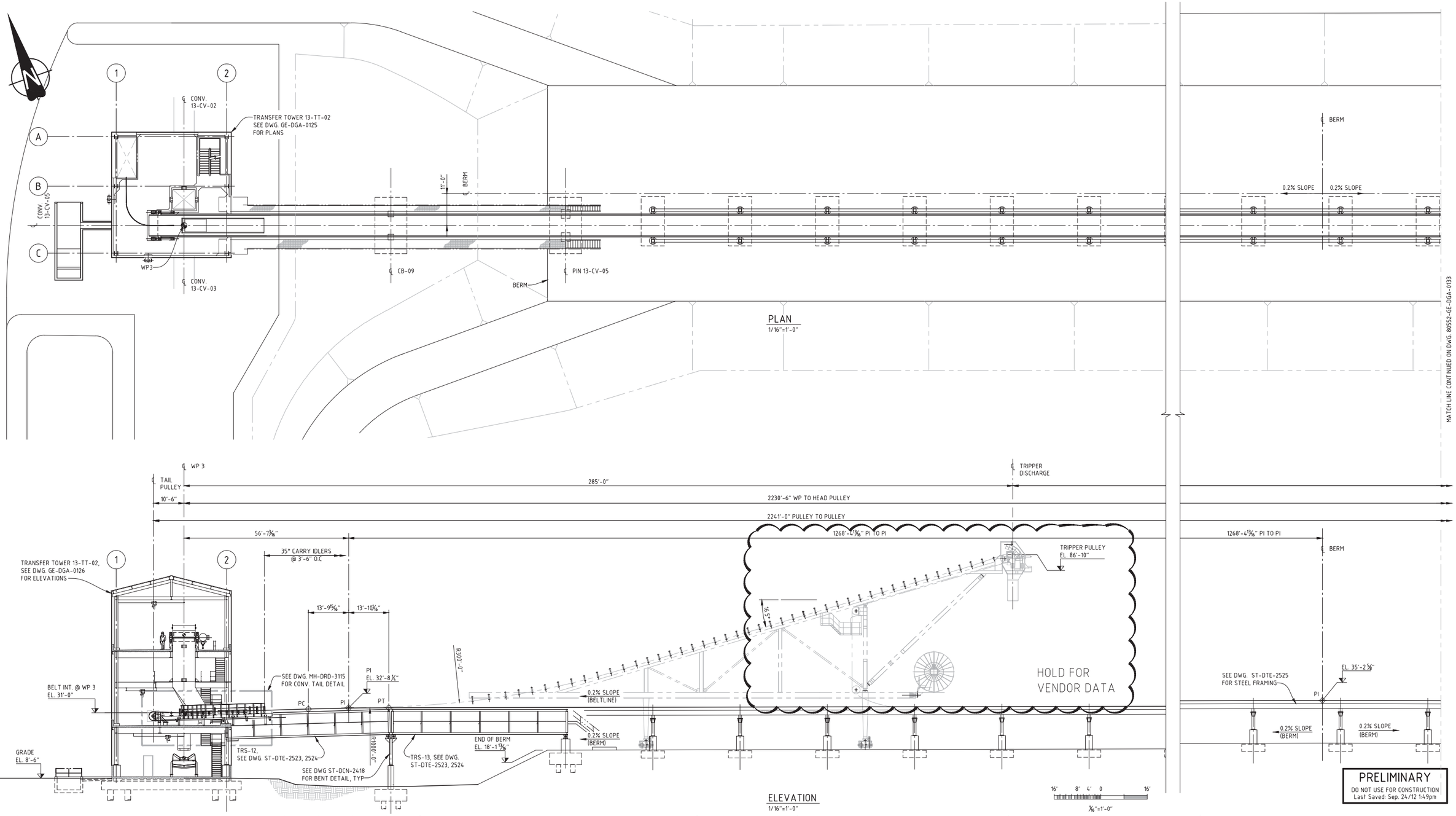
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-03
PLAN AND ELEVATION SHEET - 1

DRG No 80563-13-GE-DGA-0128
REV A

PLOT DATE & TIME 4/10/2012 10:22:43 AM
SAVE DATE & TIME 25/9/2012 9:04:14 AM
USER NAME robert.r.munro
LOCATION U:\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0127-0128.DWG



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:49pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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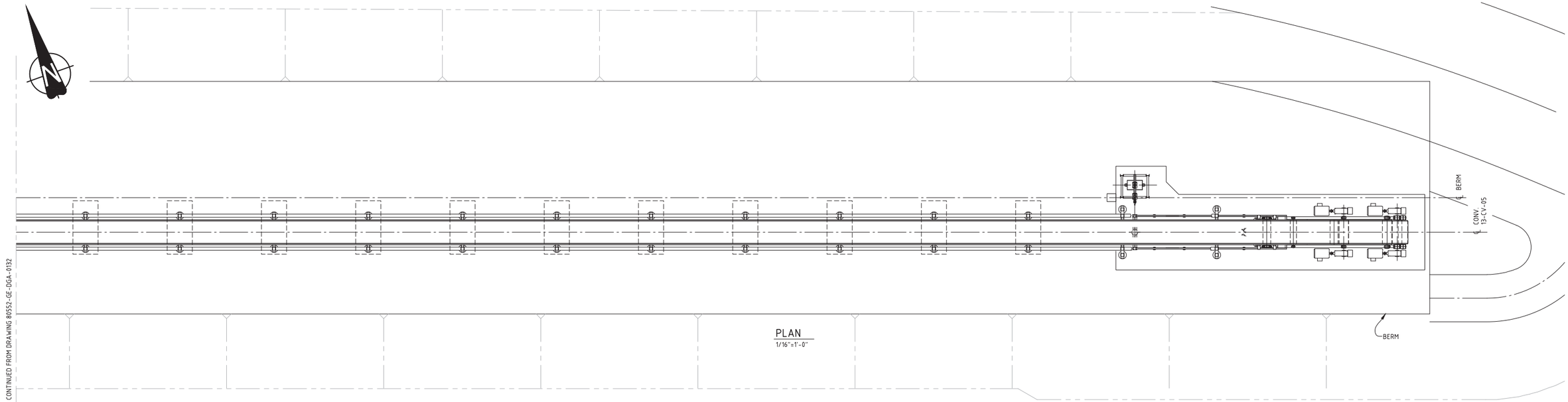
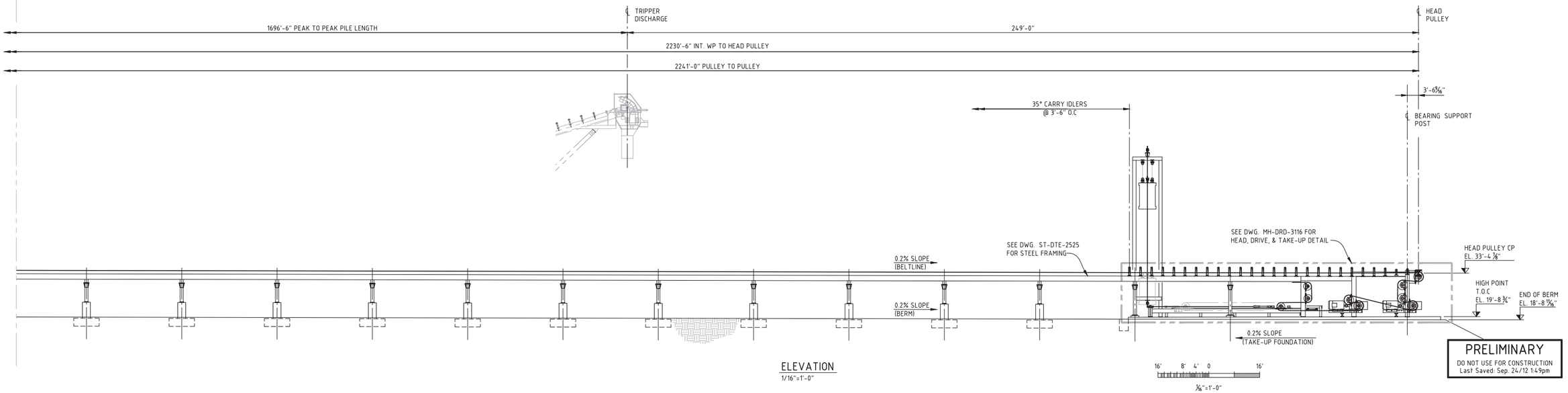
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-05
PLAN AND ELEVATION SHEET - 1

DRG No 80563-13-GE-DGA-0132 | REV A

PLOT DATE & TIME: 24/9/2012 3:30:43 PM
SAVE DATE & TIME: 24/9/2012 1:49:41 PM
USER NAME: farasbabyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\WRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0125-0126-0132-0133.DWG



PLAN
1/16"=1'-0"



ELEVATION
1/16"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 1:49pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
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ENGINEERING AND PERMIT STAMPS (As Required)

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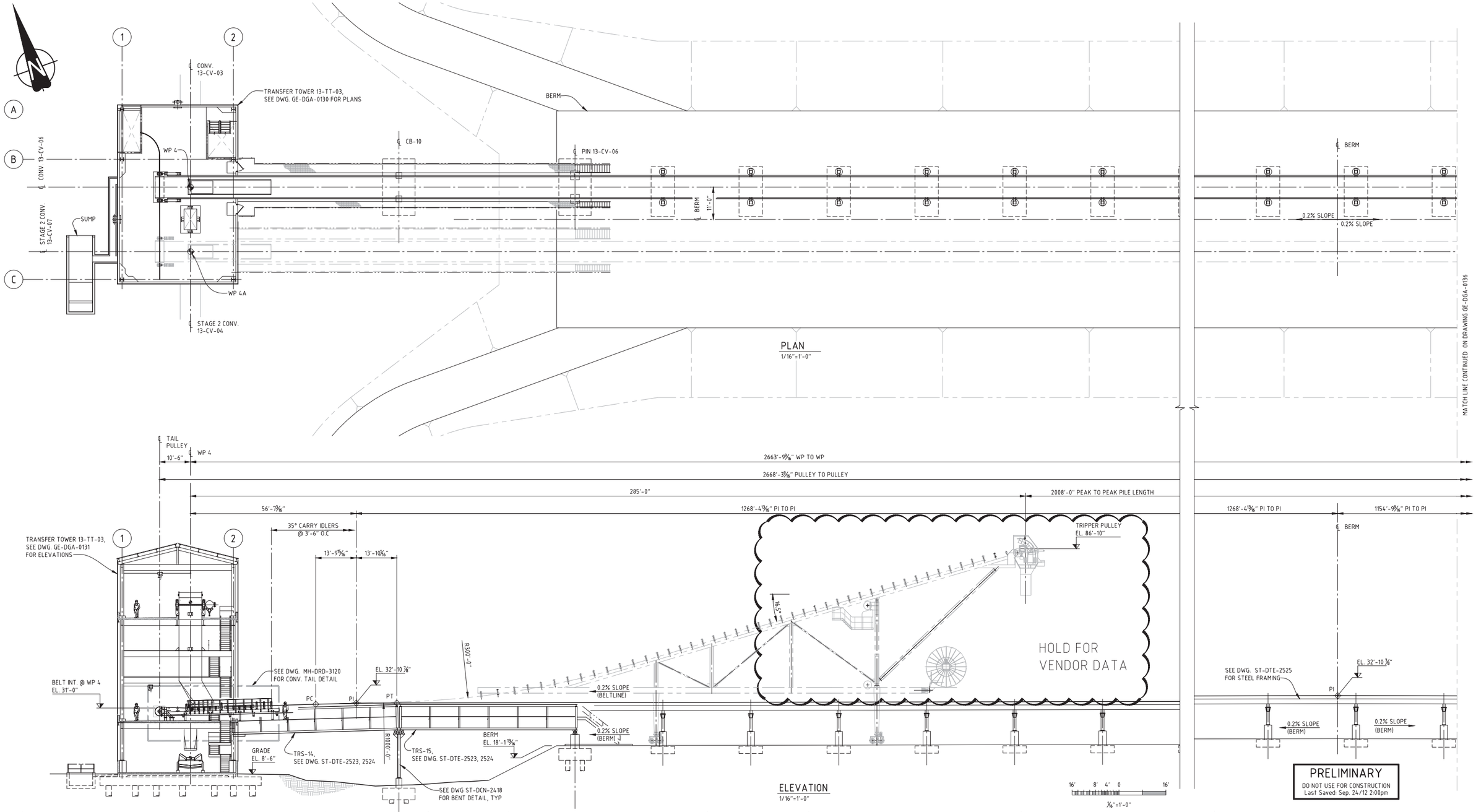
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-05
PLAN AND ELEVATION SHEET - 2

DRG No 80563-13-GE-DGA-0133

REV A

PLOT DATE & TIME: 24/9/2012 3:31:06 PM
SAVE DATE & TIME: 24/9/2012 1:49:41 PM
USER NAME: farasbayuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0125-0126-0132-0133.DWG



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:00pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

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WORLEYPARSONS PROJECT No
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ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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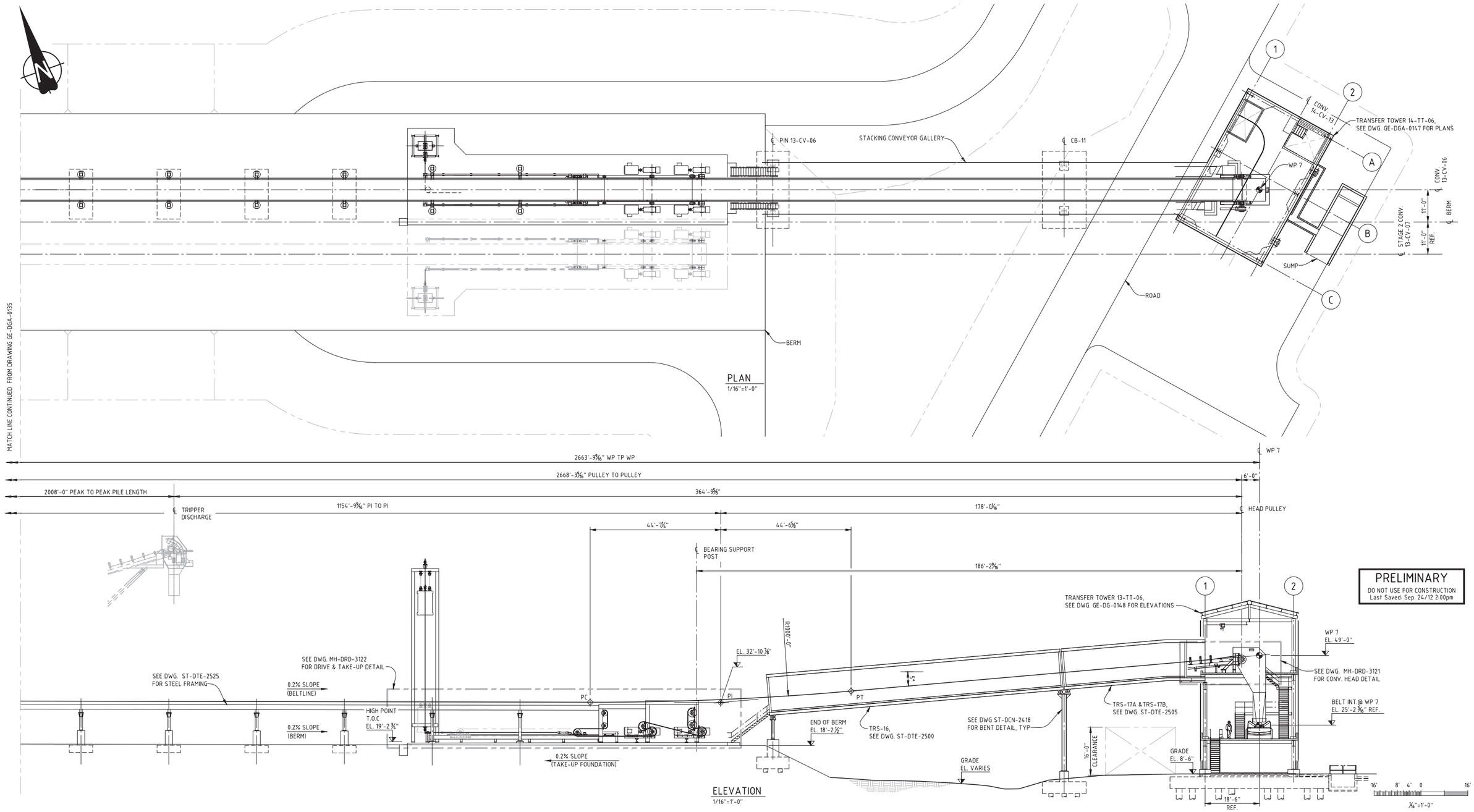
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-06
PLAN & ELEVATION SHEET - 1

DRG No 80563-13-GE-DGA-0135 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\20111\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0130-0131-0135-0136.DWG
USER NAME: haras.balyuk
PLOT DATE & TIME: 24/9/2012 3:34:16 PM
SAVE DATE & TIME: 24/9/2012 2:00:45 PM



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:00pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

millennium BULK TERMINALS LONGVIEW, LLC

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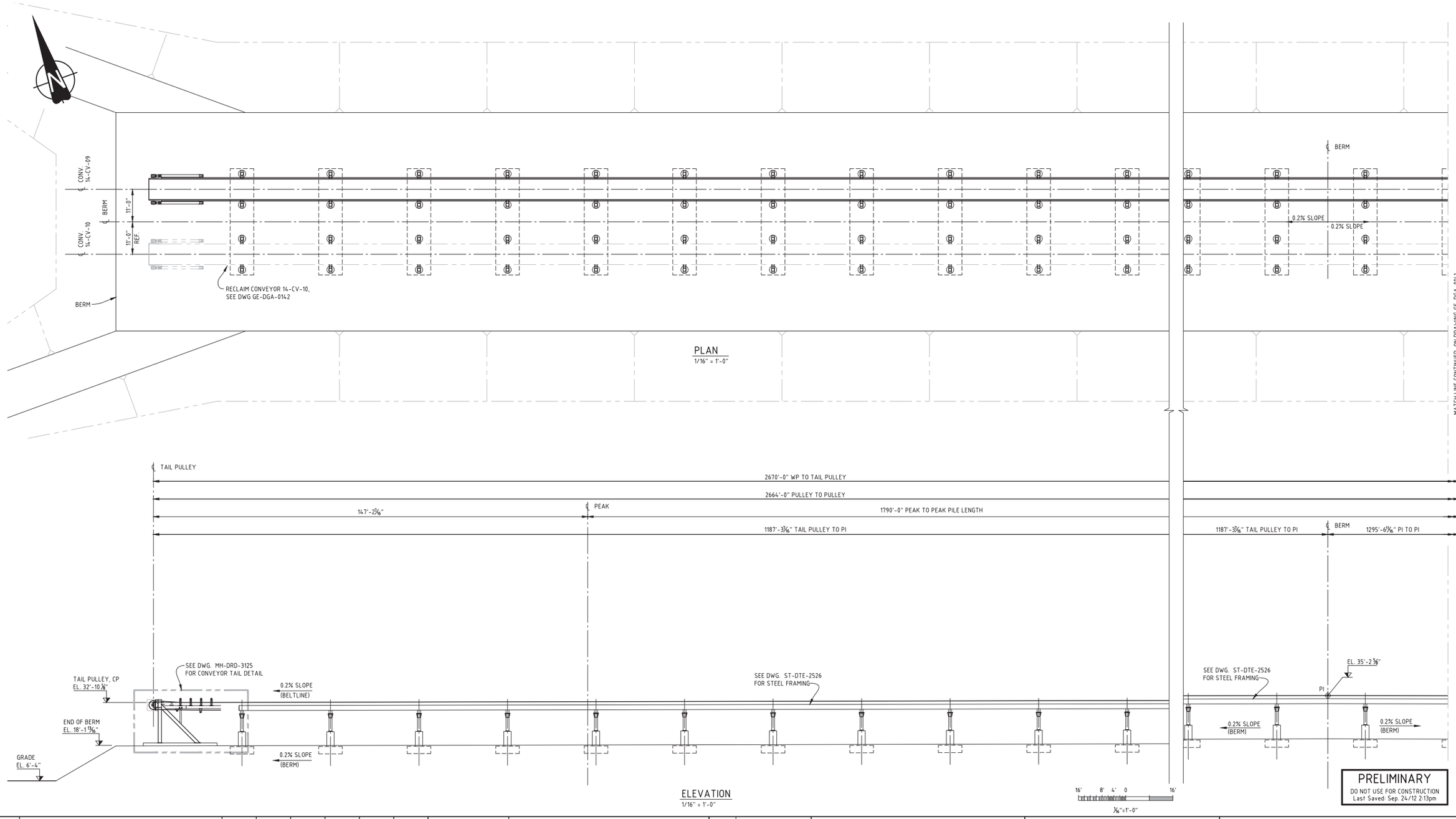
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
STACKING CONVEYOR 13-CV-06
PLAN AND ELEVATION SHEET - 2

DRG No 80563-13-GE-DGA-0136 | REV A

PLOT DATE & TIME: 24/9/2012 3:34:32 PM
SAVE DATE & TIME: 24/9/2012 2:00:45 PM
USER NAME: taras.balyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-13-GE-DGA-0130-0131-0135-0136.DWG



PRELIMINARY

DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

millennium BULK TERMINALS LONGVIEW, LLC

WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
RECLAIM CONVEYOR 14-CV-09
PLAN & ELEVATION SHEET - 1

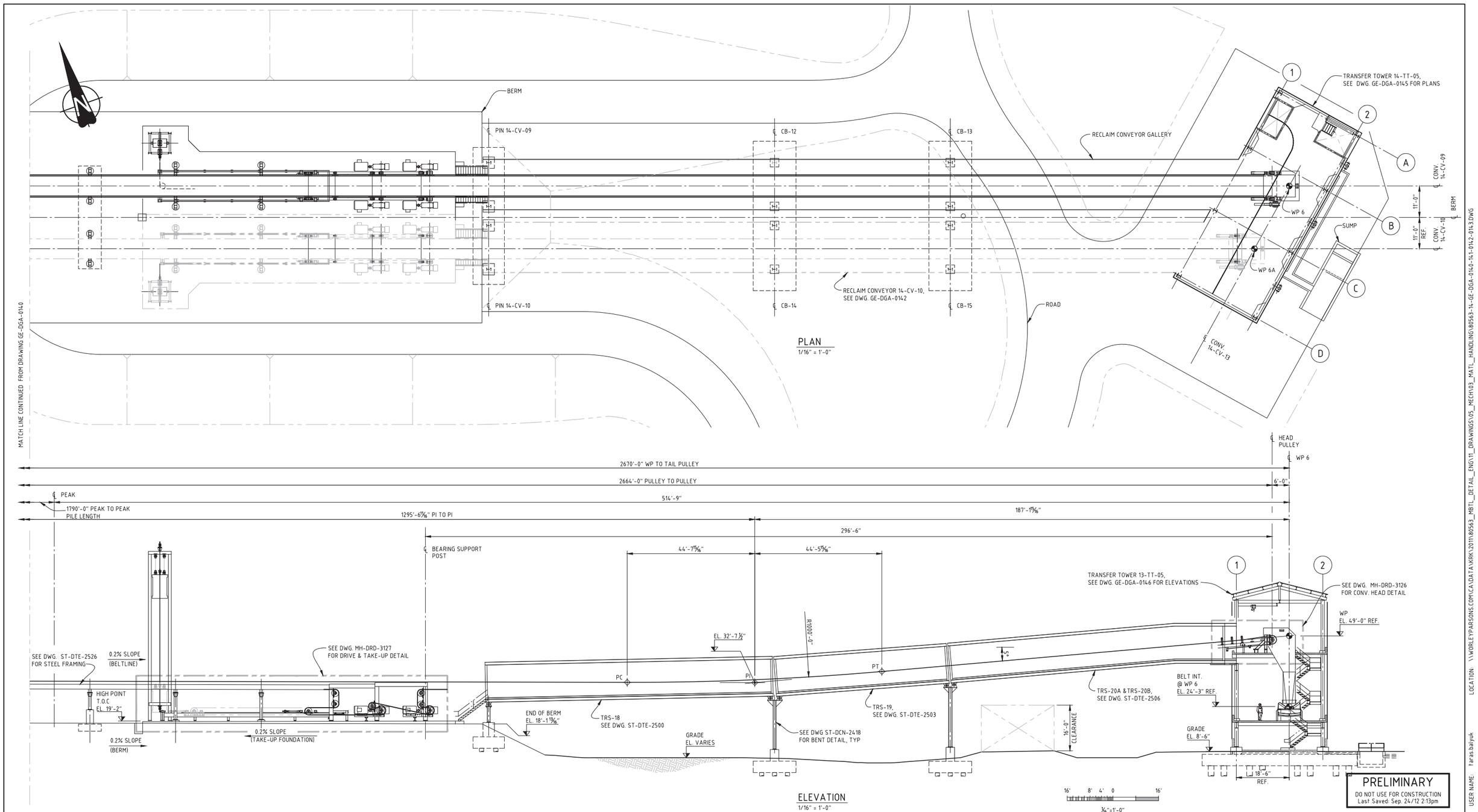
DRG No 80563-14-GE-DGA-0140

REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0140-141-0142-0143.DWG

USER NAME: taras.balyuk

PLOT DATE & TIME: 24/9/2012 3:38:36 PM
SAVE DATE & TIME: 24/9/2012 2:13:10 PM



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

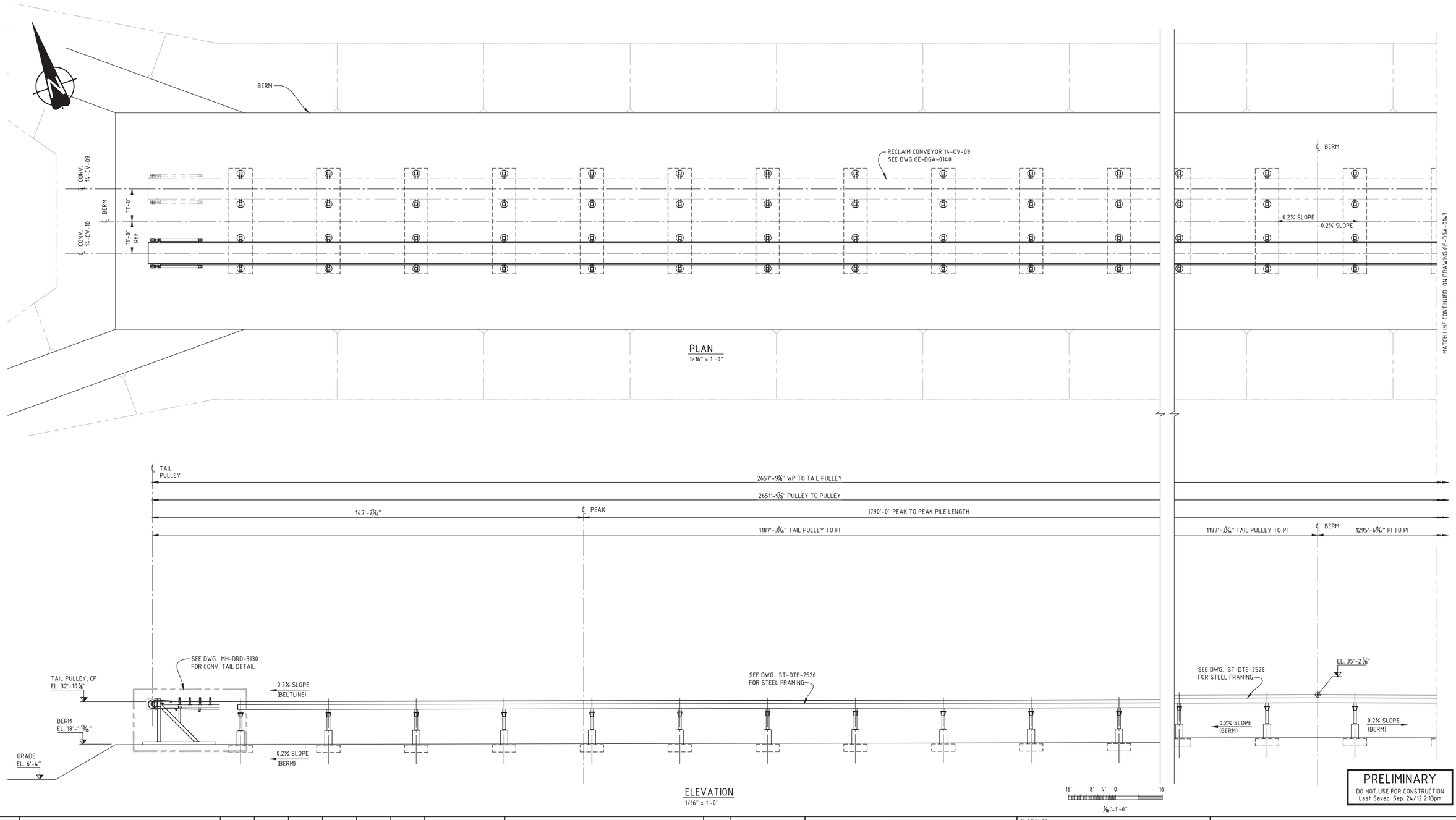
BULK TERMINALS millennium LONGVIEW, LLC

WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
RECLAIM CONVEYOR 14-CV-09
PLAN & ELEVATION SHEET - 2

DRG No 80563-14-GE-DGA-0141 | REV A

PLOT DATE & TIME: 24/9/2012 3:39:00 PM
SAVE DATE & TIME: 24/9/2012 2:13:10 PM
USER NAME: faras.balyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0140-141-0142-0143.DWG



PRELIMINARY

DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

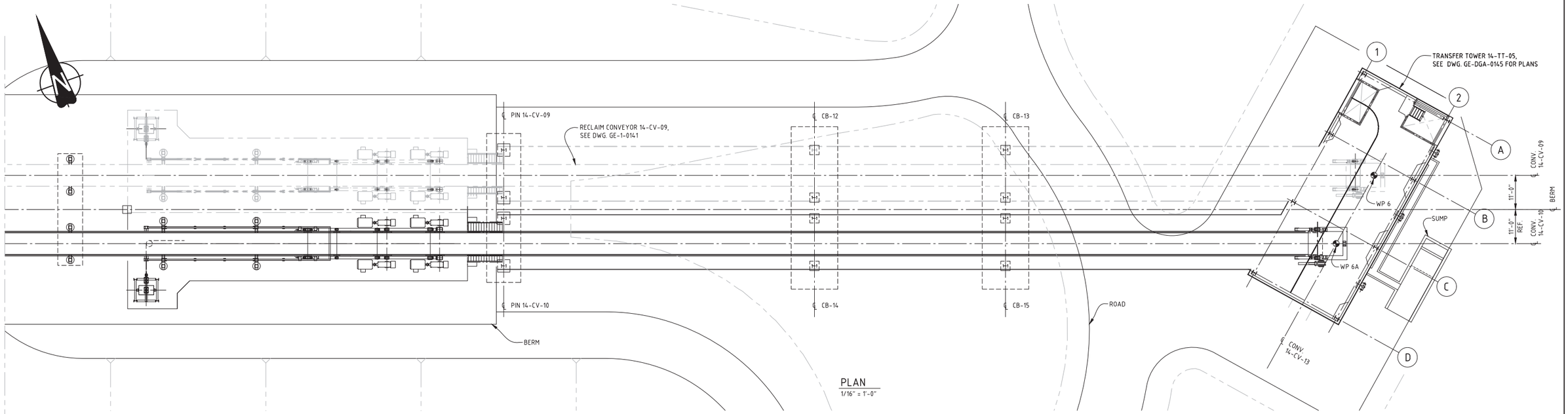
millennium BULK TERMINALS LONGVIEW, LLC

WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
RECLAIM CONVEYOR 14-CV-10
PLAN & ELEVATION SHEET - 1

DRG No 80563-14-GE-DGA-0142 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0140-141-0142-0143.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME: 24/9/2012 3:39:18 PM
SAVE DATE & TIME: 24/9/2012 2:13:10 PM



PLAN
1/16" = 1'-0"

ELEVATION
1/16" = 1'-0"

16' 8' 4' 0 16'
⅜"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

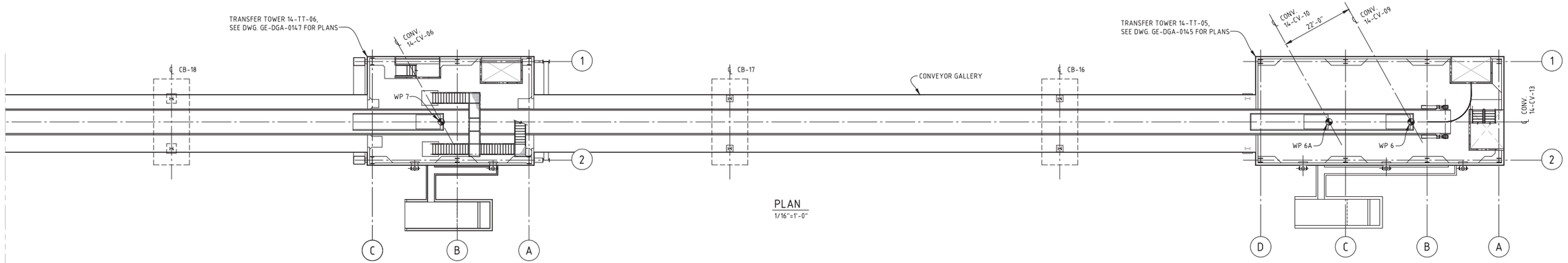
BULK TERMINALS millennium LONGVIEW, LLC

WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
RECLAIM CONVEYOR 14-CV-10
PLAN & ELEVATION SHEET - 2

DRG No 80563-14-GE-DGA-0143 | REV A

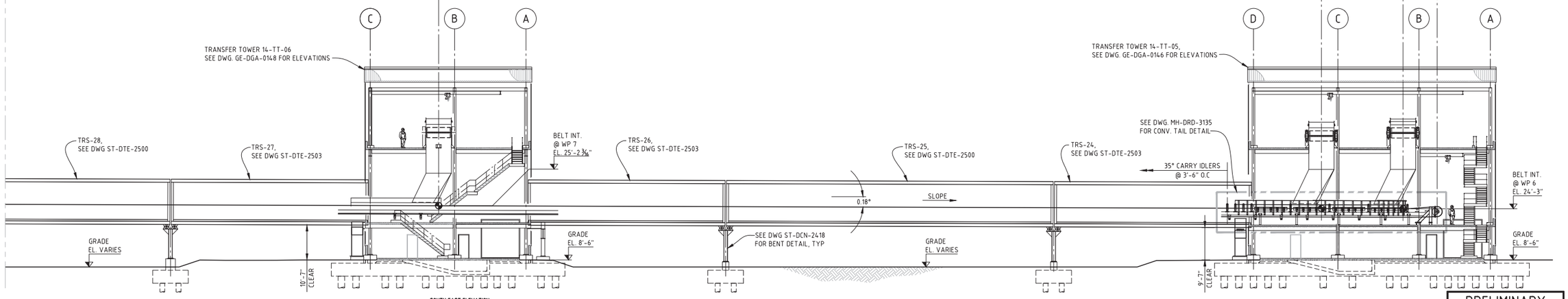
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0140-141-0142-0143.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME: 24/9/2012 3:39:37 PM
SAVE DATE & TIME: 24/9/2012 2:13:10 PM



PLAN
1/16"=1'-0"

MATCH LINE CONTINUED ON DWG. 80563-GE-DGA-0153

1879'-10 9/16" WP 6 TO WP 9
1884'-4 3/16" HEAD PULLEY TO TAIL PULLEY
720'-0" WP TO PI
289'-8 3/8" WP 7 TO WP 8
297'-2 1/16" WP TO WP
℄ WP 7
℄ WP 6
℄ TAIL PULLEY
25'-0 1/4" REF.
10'-6"
℄ WP 6A



SOUTH EAST ELEVATION
1/8"=1'-0"

ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
1/8"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:30pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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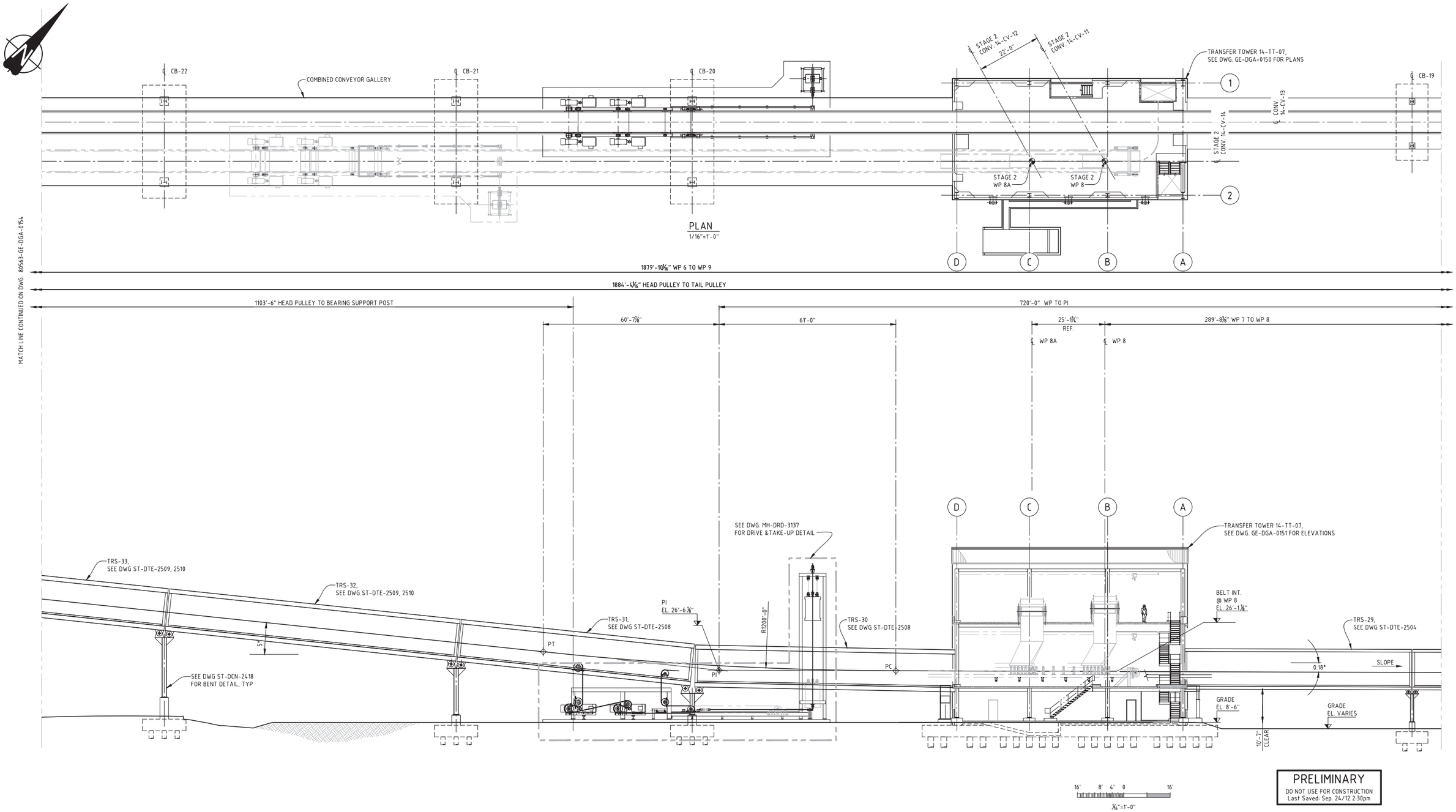
WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
SHIPPING CONVEYOR 14-CV-13
PLAN AND ELEVATION SHEET - 1

DRG No 80563-14-GE-DGA-0152
REV A

PLOT DATE & TIME: 24/9/2012 3:43:40 PM
SAVE DATE & TIME: 24/9/2012 2:30:48 PM
USER NAME: farasbabyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0152-0153-0154-0155.DWG



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:30pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER
BULK TERMINALS millennium LONGVIEW, LLC

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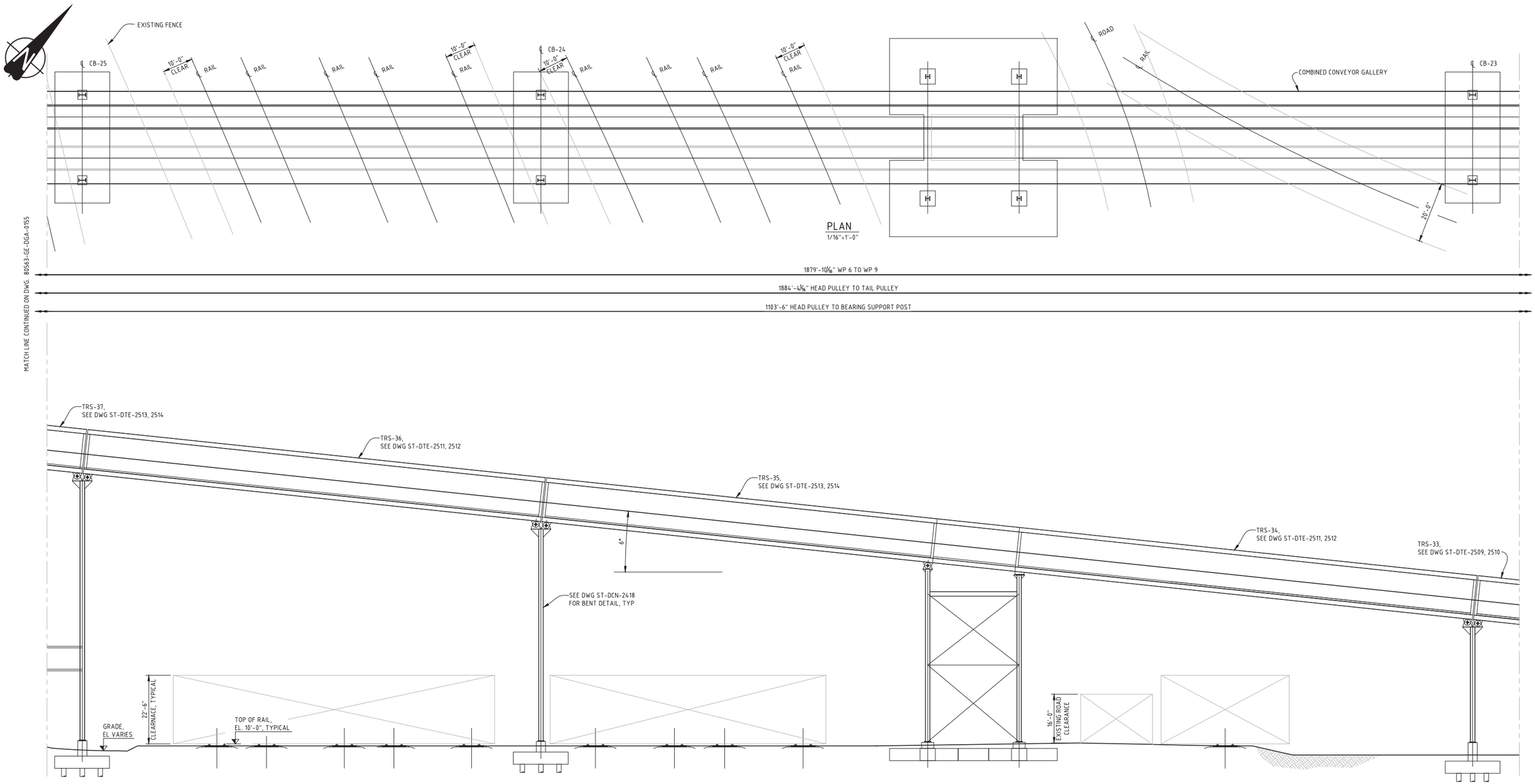
WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
SHIPPING CONVEYOR 14-CV-13
PLAN AND ELEVATION SHEET - 2

DRG No 80563-14-GE-DGA-0153
REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0152-0153-0154-0155.DWG
USER NAME: faras.baiyuk
PLOT DATE & TIME: 24/9/2012 2:43:57 PM
SAVE DATE & TIME: 24/9/2012 2:30:48 PM



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 2:30pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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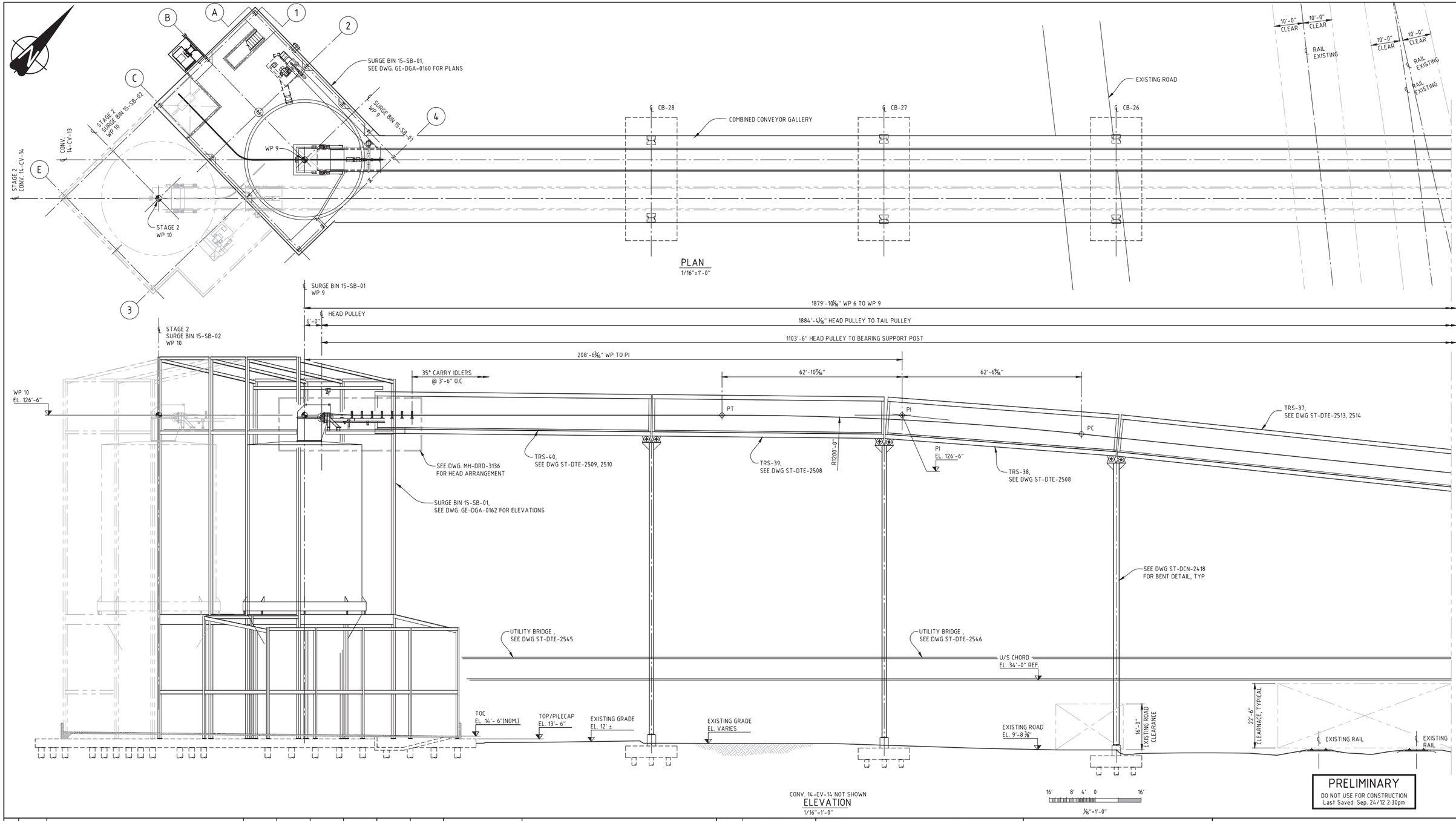
WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
SHIPPING CONVEYOR 14-CV-13
PLAN AND ELEVATION SHEET - 3

DRG No 80563-14-GE-DGA-0154 | REV A

PLOT DATE & TIME: 24/9/2012 3:44:13 PM
SAVE DATE & TIME: 24/9/2012 2:30:48 PM
USER NAME: farasbayuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0152-0153-0154-0155.DWG



MATCH LINE CONTINUED FROM DWG. 80563-GE-DGA-0154

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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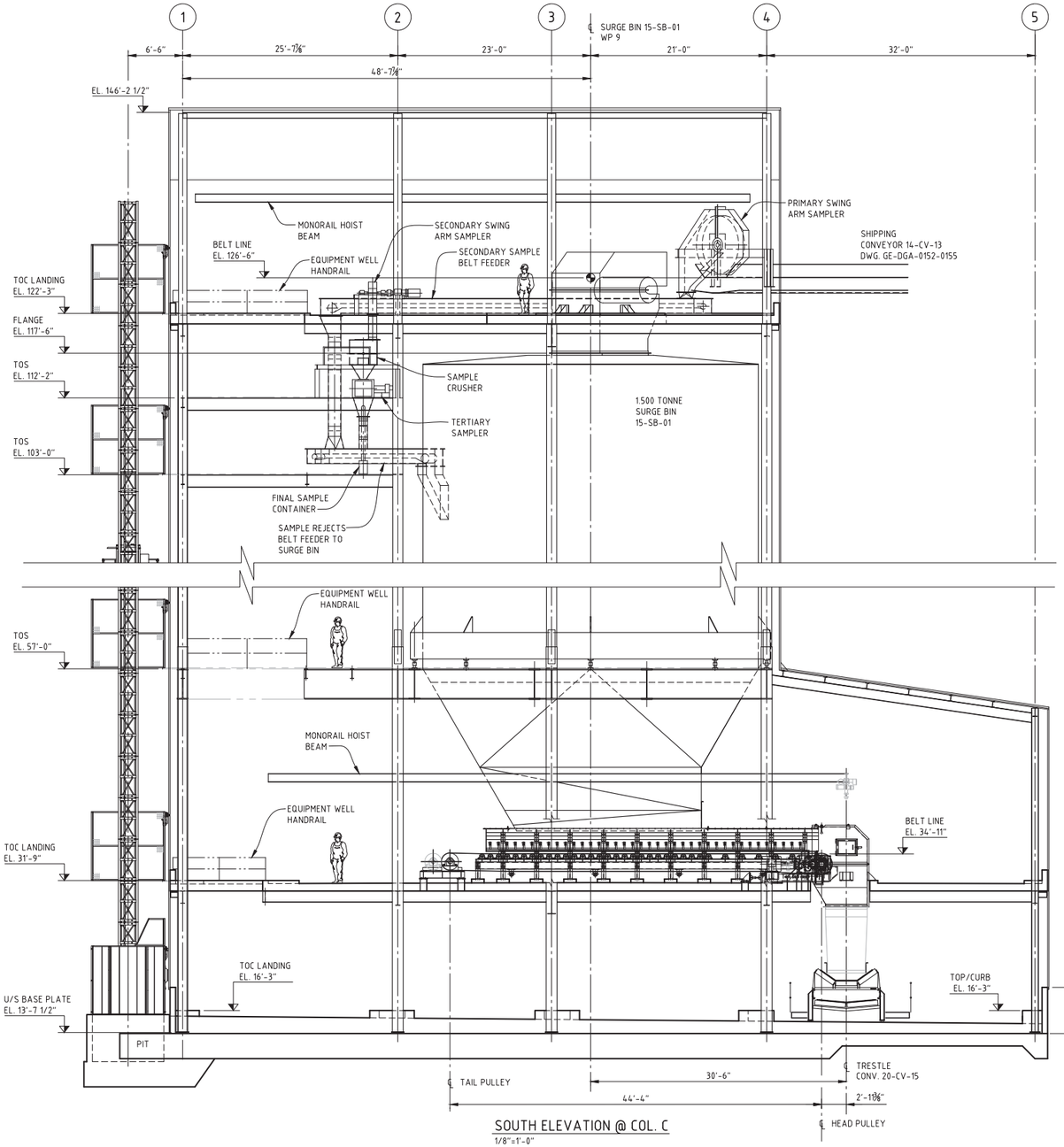
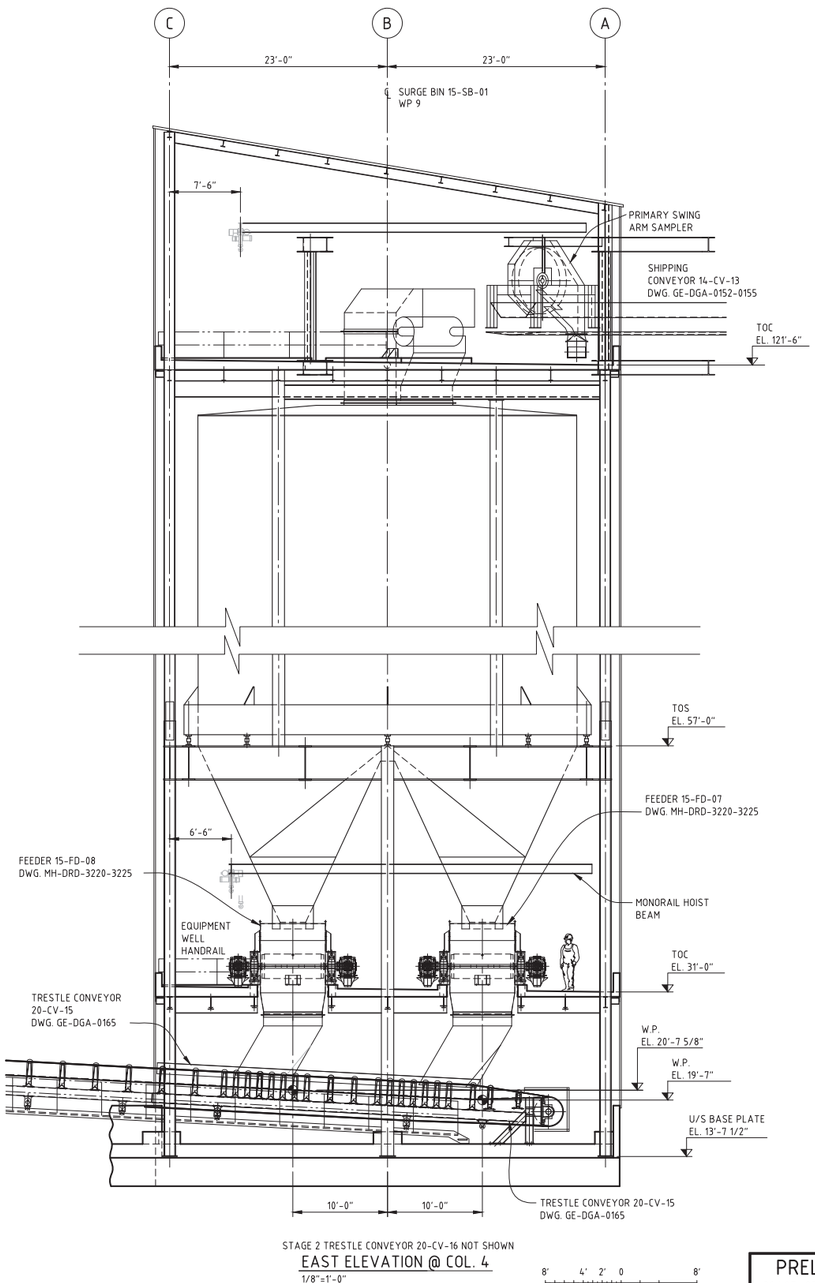
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
SHIPPING CONVEYOR 14-CV-13
PLAN AND ELEVATION SHEET - 4

DRG No 80563-14-GE-DGA-0155 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-14-GE-DGA-0152-0153-0154-0155.DWG
USER NAME: farasbabyuk
PLOT DATE & TIME: 24/9/2012 3:44:29 PM
SAVE DATE & TIME: 24/9/2012 2:30:48 PM



SOUTH ELEVATION @ COL. C
1/8"=1'-0"



STAGE 2 TRESTLE CONVEYOR 20-CV-16 NOT SHOWN

EAST ELEVATION @ COL. 4
1/8"=1'-0"

8' 4' 2' 0 8'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 19/12 8:48am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	MW	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
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ENGINEERING AND PERMIT STAMPS (As Required)

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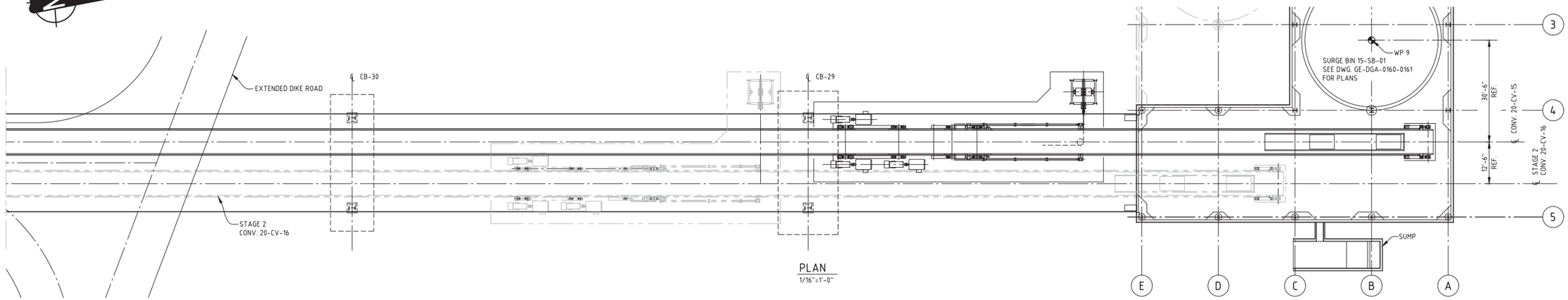
WorleyParsons resources & energy

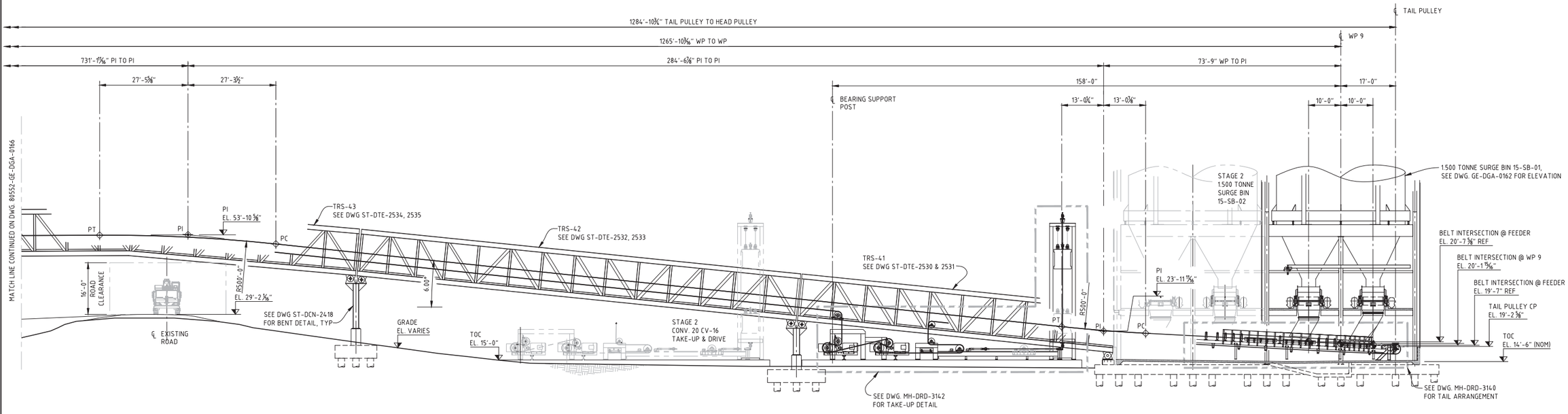
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
SURGE BIN 15-SB-01
SOUTH AND EAST ELEVATIONS

DRG No 80563-15-GE-DGA-0162 | REV A

LOCATION: U:\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-15-GE-DGA-0160-0161-0162.DWG
USER NAME: mark.wiltgen
PLOT DATE & TIME: 24/9/2012 8:31:22 AM
SAVE DATE & TIME: 19/9/2012 8:49:01 AM



PLAN
1/16"=1'-0"



ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 3:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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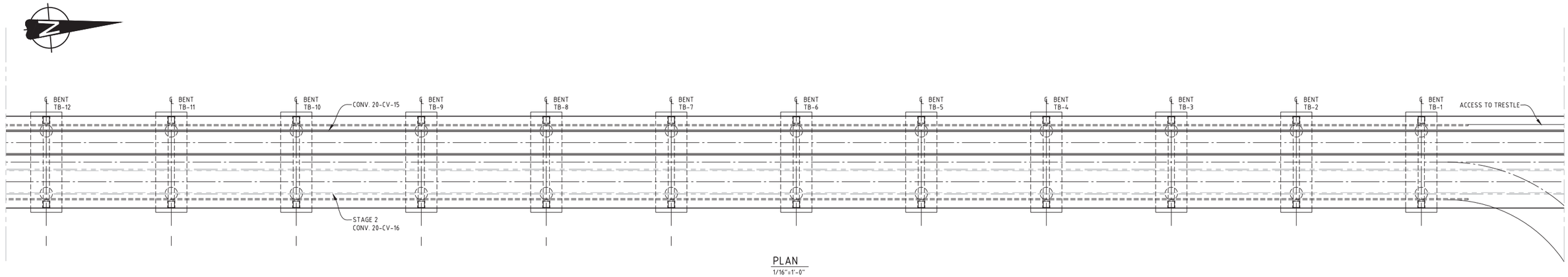
WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TRESTLE CONVEYOR 20-CV-15
PLAN AND ELEVATION SHEET - 1

DRG No 80563-20-GE-DGA-0165 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-20-GE-DGA-0165-0166-0167.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME 24/9/2012 3:45:28 PM
SAVE DATE & TIME 24/9/2012 3:13:51 PM



PLAN
1/16"=1'-0"

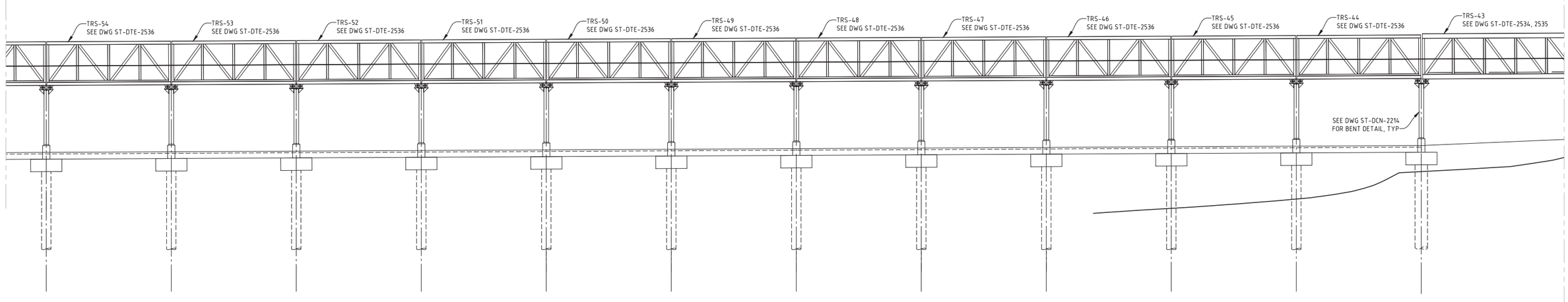
1284'-10¾" TAIL PULLEY TO HEAD PULLEY

1265'-10⅜" WP TO WP

731'-1⅞" PI TO PI

MATCH LINE CONTINUED ON DWG. 80552-GE-DGA-0167

MATCH LINE CONTINUED ON DWG. 80552-GE-DGA-0165



ELEVATION
1/16"=1'-0"

16' 8' 4' 0 16'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 3:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

millennium BULK TERMINALS LONGVIEW, LLC

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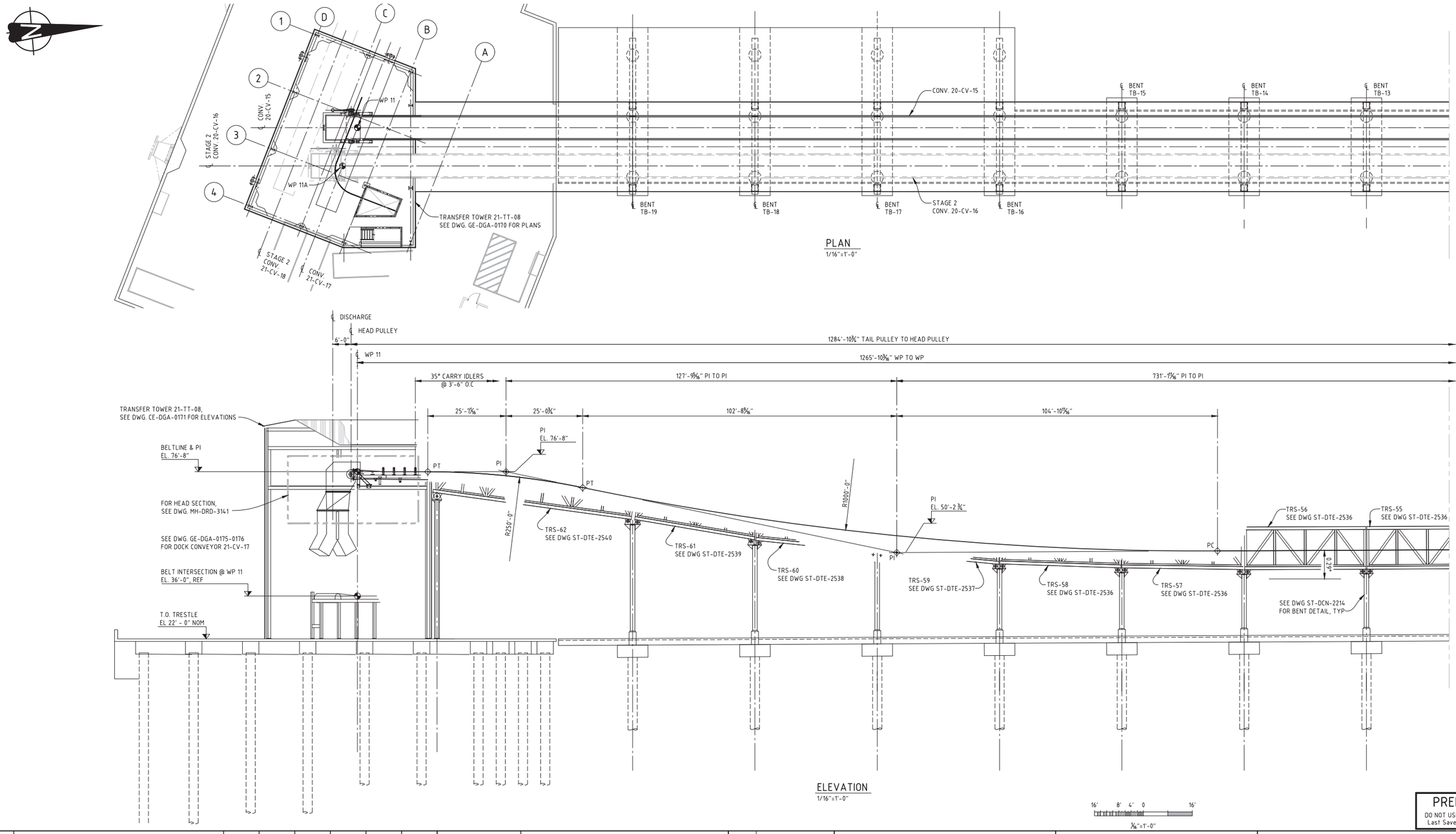
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TRESTLE CONVEYOR 20-CV-15
PLAN AND ELEVATION SHEET - 2

DRG No 80563-20-GE-DGA-0166 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-20-GE-DGA-0165-0166-0167.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME: 24/9/2012 3:46:02 PM
SAVE DATE & TIME: 24/9/2012 3:13:51 PM



MATCH LINE CONTINUED ON DWG 80552-GE-DGA-0166

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 3:13pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER
BULK TERMINALS millennium LONGVIEW, LLC

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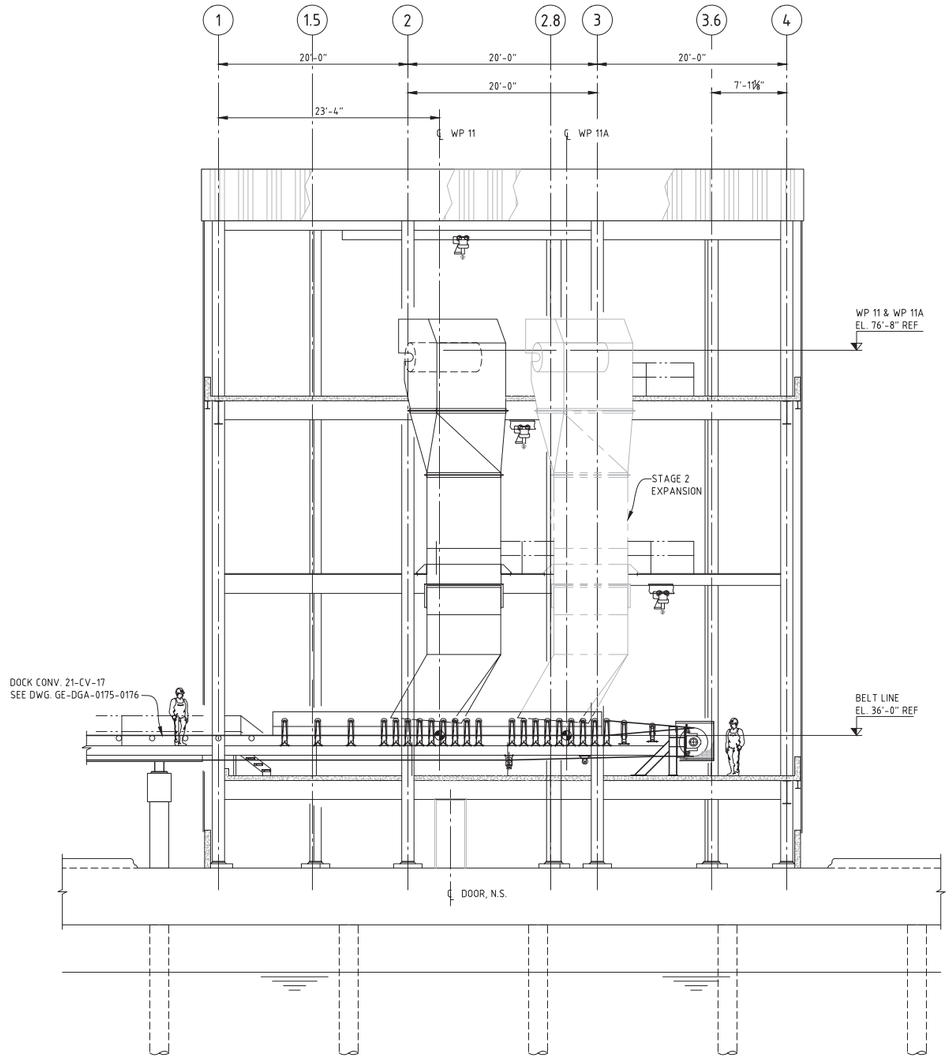
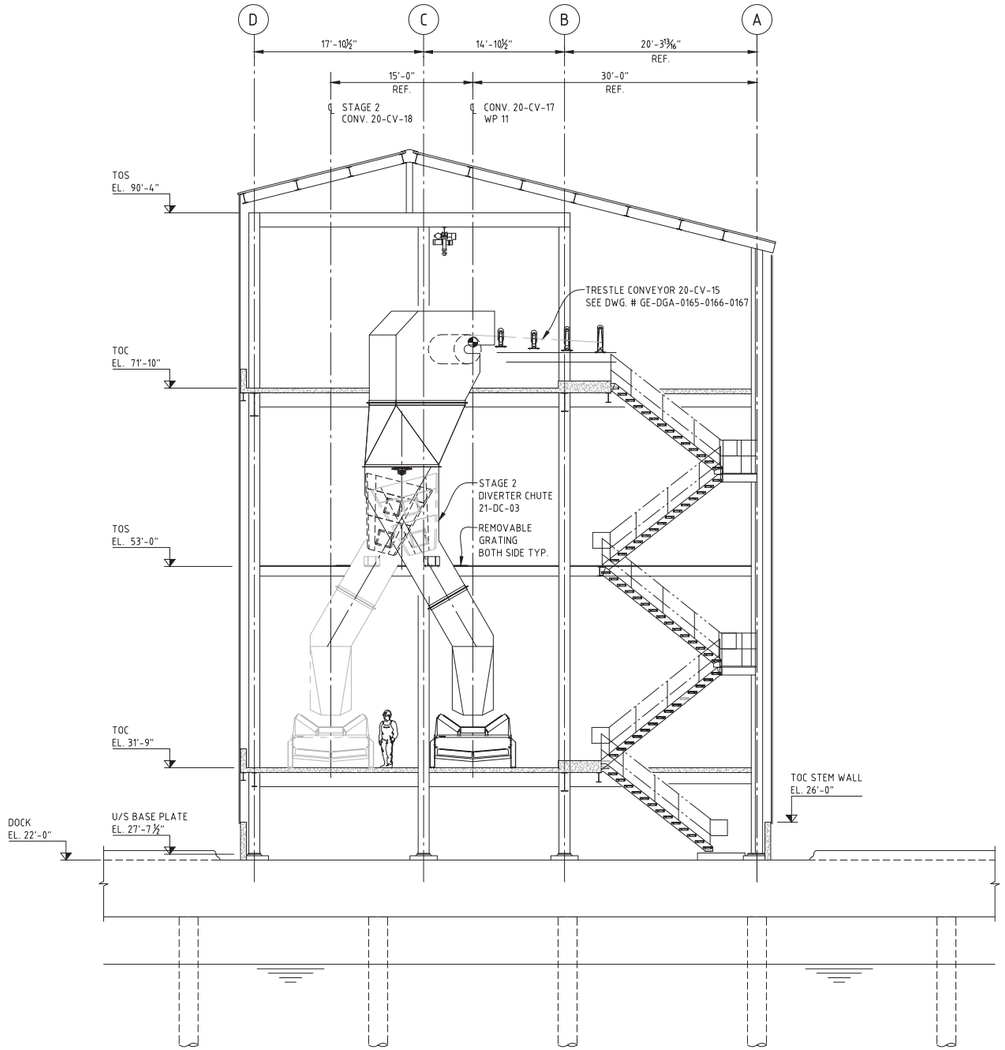
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TRESTLE CONVEYOR 20-CV-15
PLAN AND ELEVATION SHEET - 3

DRG No 80563-20-GE-DGA-0167
REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-20-GE-DGA-0165-0166-0167.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME: 24/9/2012 3:45:44 PM
SAVE DATE & TIME: 24/9/2012 3:13:51 PM



SOUTH ELEVATION
1/8"=1'-0"



EAST ELEVATION
1/8"=1'-0"

8' 4' 2' 0 8'
⅛"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 24/12 3:15pm

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
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ENGINEERING AND PERMIT STAMPS (As Required)

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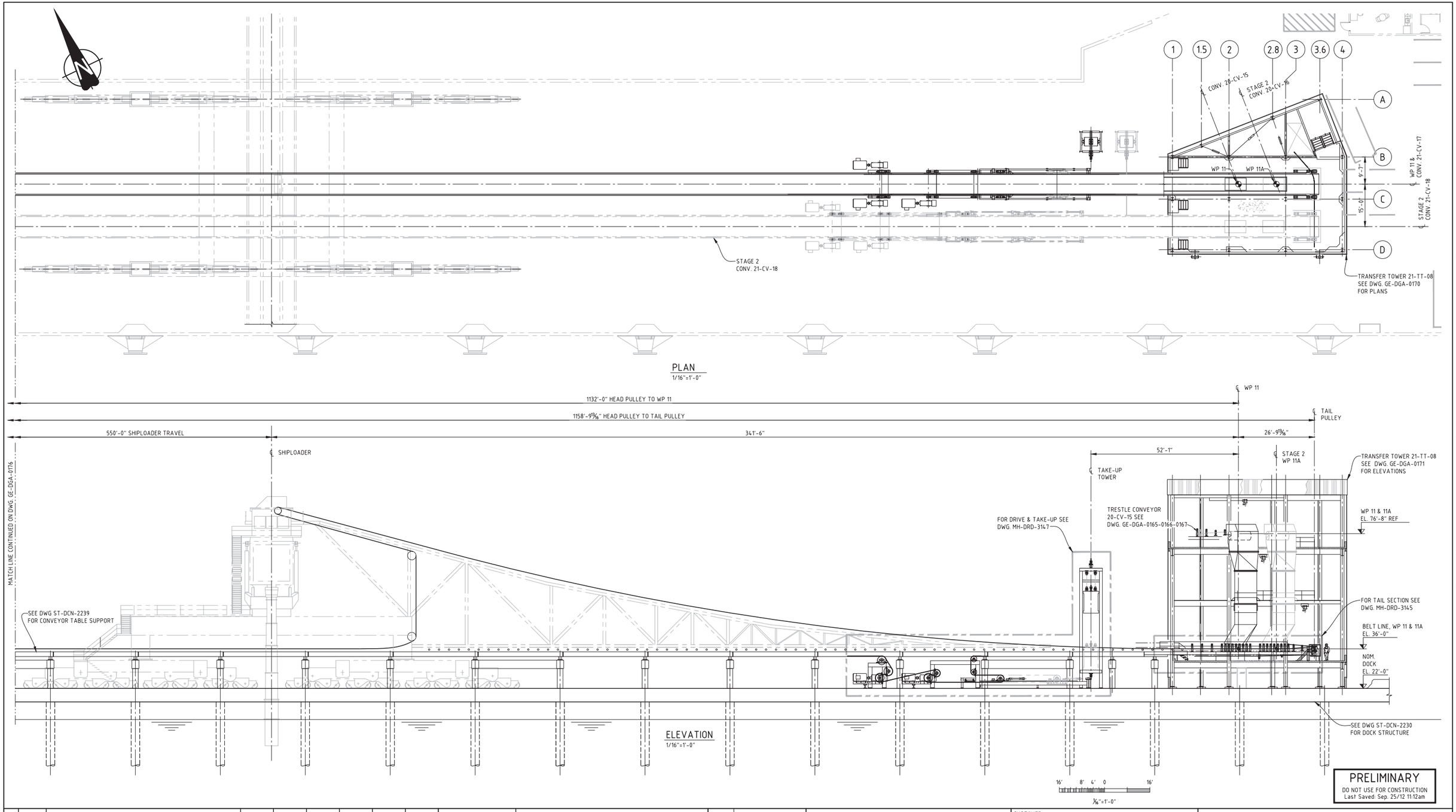
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
TRANSFER TOWER 21-TT-08
ELEVATIONS

DRG No 80563-21-GE-DGA-0171
REV A

PLOT DATE & TIME: 24/9/2012 3:47:20 PM
SAVE DATE & TIME: 24/9/2012 3:15:45 PM
USER NAME: faras.balyuk
LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-21-GE-DGA-0170-0171.DWG



PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 25/12 11:12am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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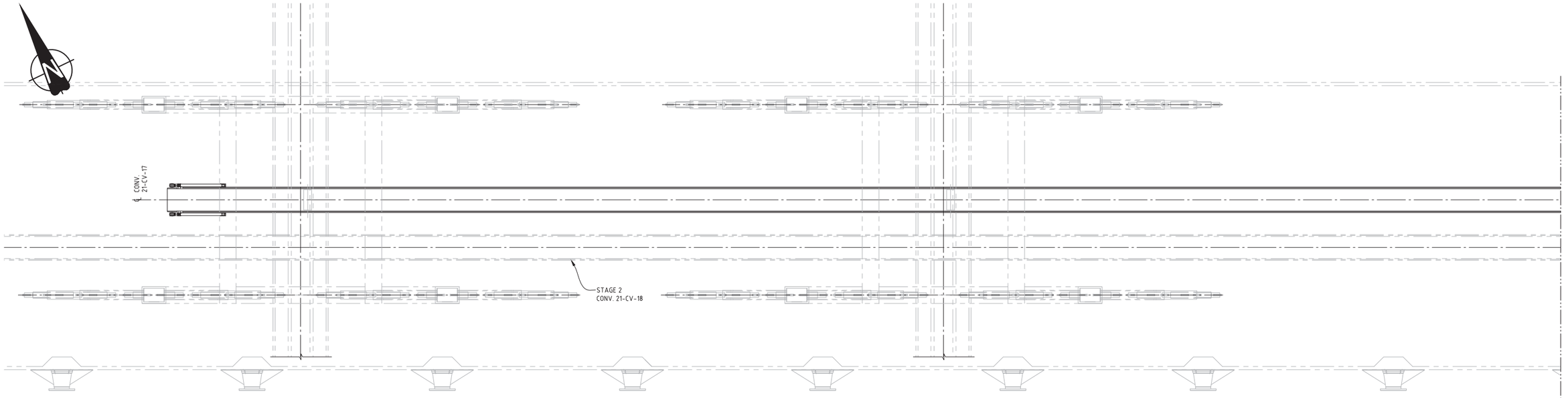
resources & energy

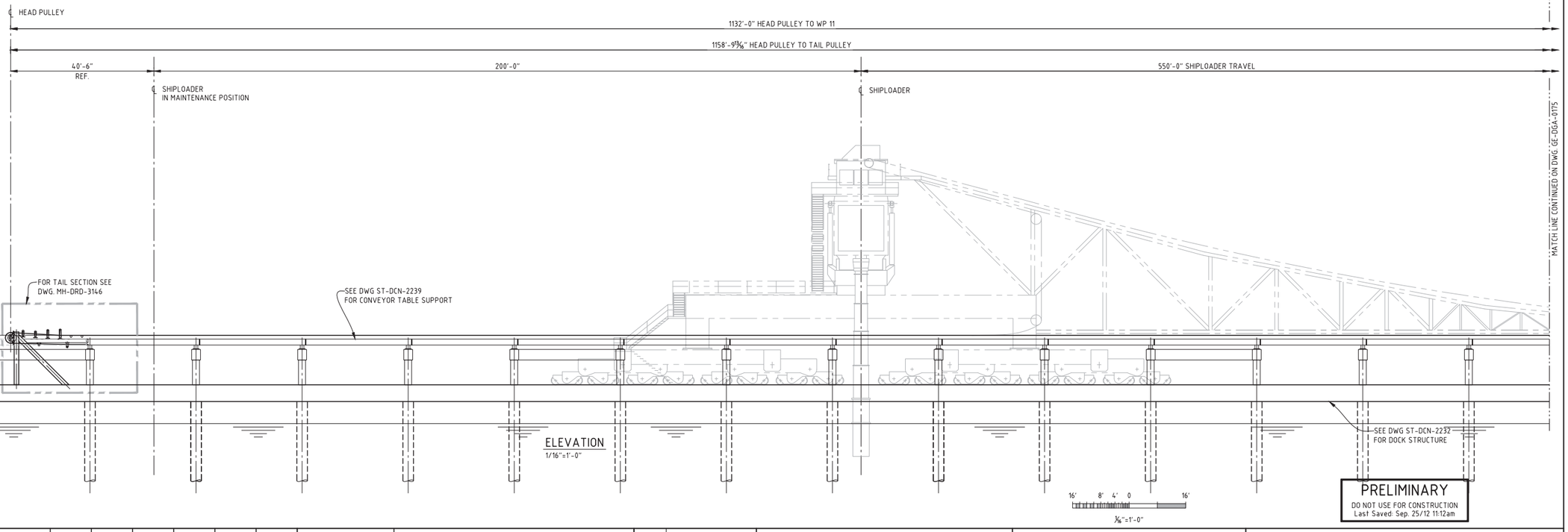
MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
DOCK CONVEYOR 21-CV-17
PLAN AND ELEVATION SHEET - 1

DRG No 80563-21-GE-DGA-0175 | REV A

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-21-GE-DGA-0175-0176.DWG
USER NAME: taras.balyuk
PLOT DATE & TIME: 25/9/2012 11:13:57 AM
SAVE DATE & TIME: 25/9/2012 11:12:43 AM



PLAN
1/16"=1'-0"



ELEVATION
1/16"=1'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 25/12 11:12am

MATCH LINE CONTINUED ON DWG. GE-DGA-0175

LOCATION: \\WORLEYPARSONS.COM\CA\DATA\KRK\201\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-21-GE-DGA-0175-0176.DWG

USER NAME: taras.balyuk

PLOT DATE & TIME: 25/9/2012 11:14:17 AM

SAVE DATE & TIME: 25/9/2012 11:12:43 AM

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	TB	-	-	-	-	-		

D SHEET | SCALE SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

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BULK TERMINALS millennium LONGVIEW, LLC

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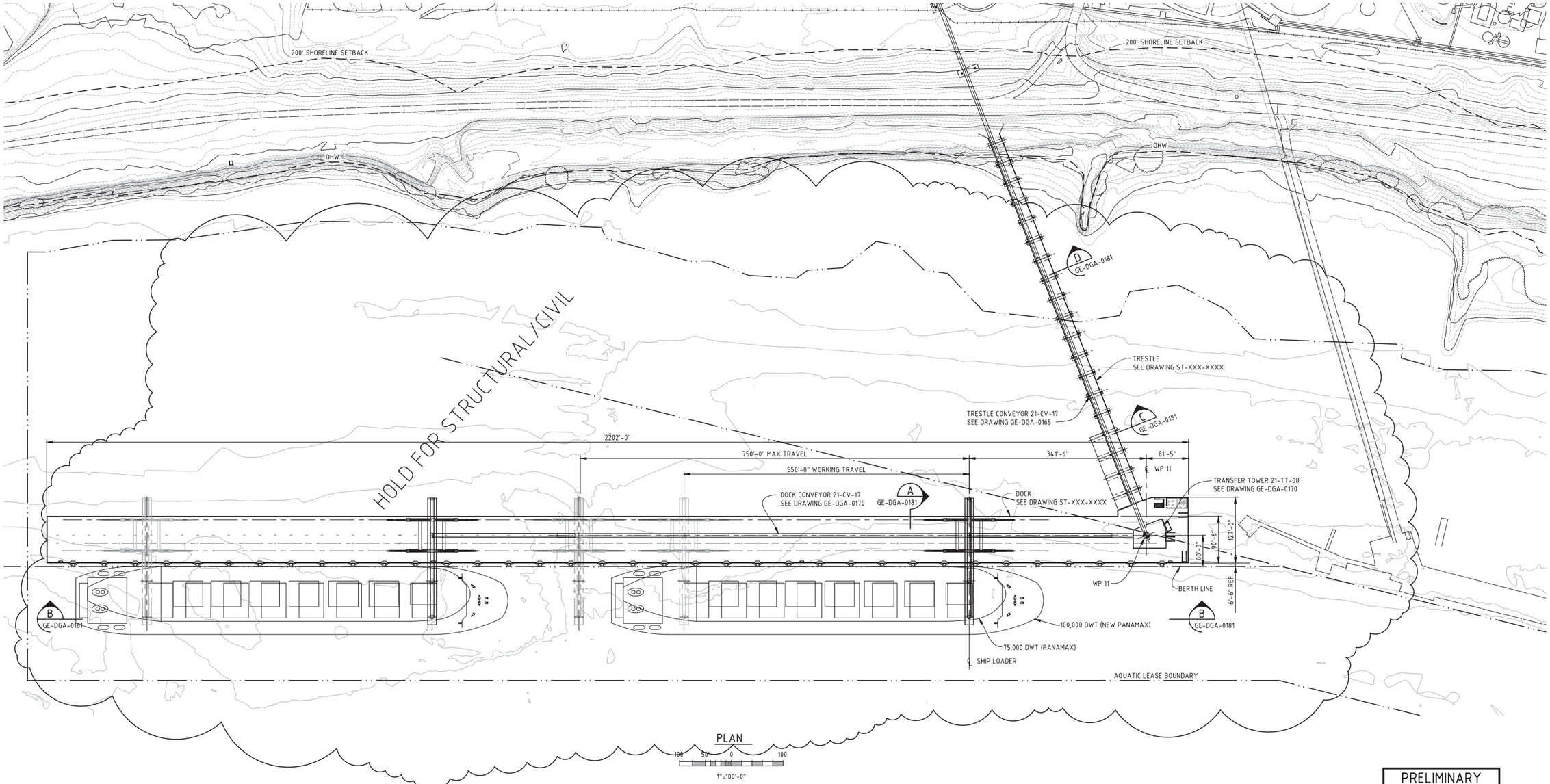
WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
DOCK CONVEYOR 21-CV-17
PLAN AND ELEVATION SHEET - 2

DRG No 80563-21-GE-DGA-0176

REV A



PLAN

100 50 0 100'

1"=100'-0"

PRELIMINARY

DO NOT USE FOR CONSTRUCTION

Last Saved: Sep. 26/12 7:20am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	RRM	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No

80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
COAL HANDLING TERMINAL
DOCK & TRESTLE GEN. ARANGEMENT PLAN

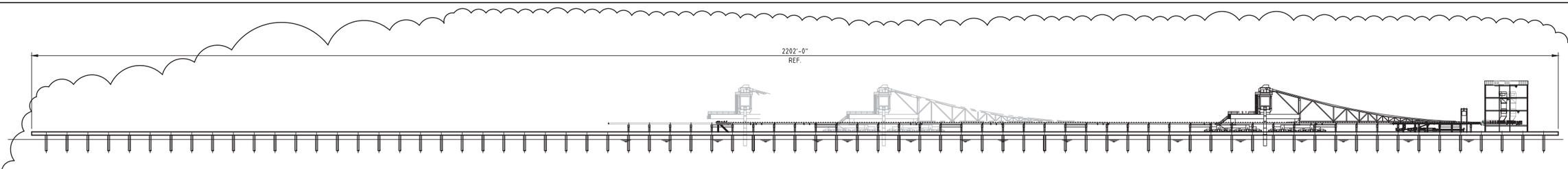
DRG No 80563-21-GE-DGA-0180 | REV A

LOCATION: U:\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-21-GE-DGA-0180-0181.DWG

USER NAME: robert.r.munro

PLOT DATE & TIME: 26/9/2012 7:21:01 AM

SAVE DATE & TIME: 26/9/2012 7:20:36 AM



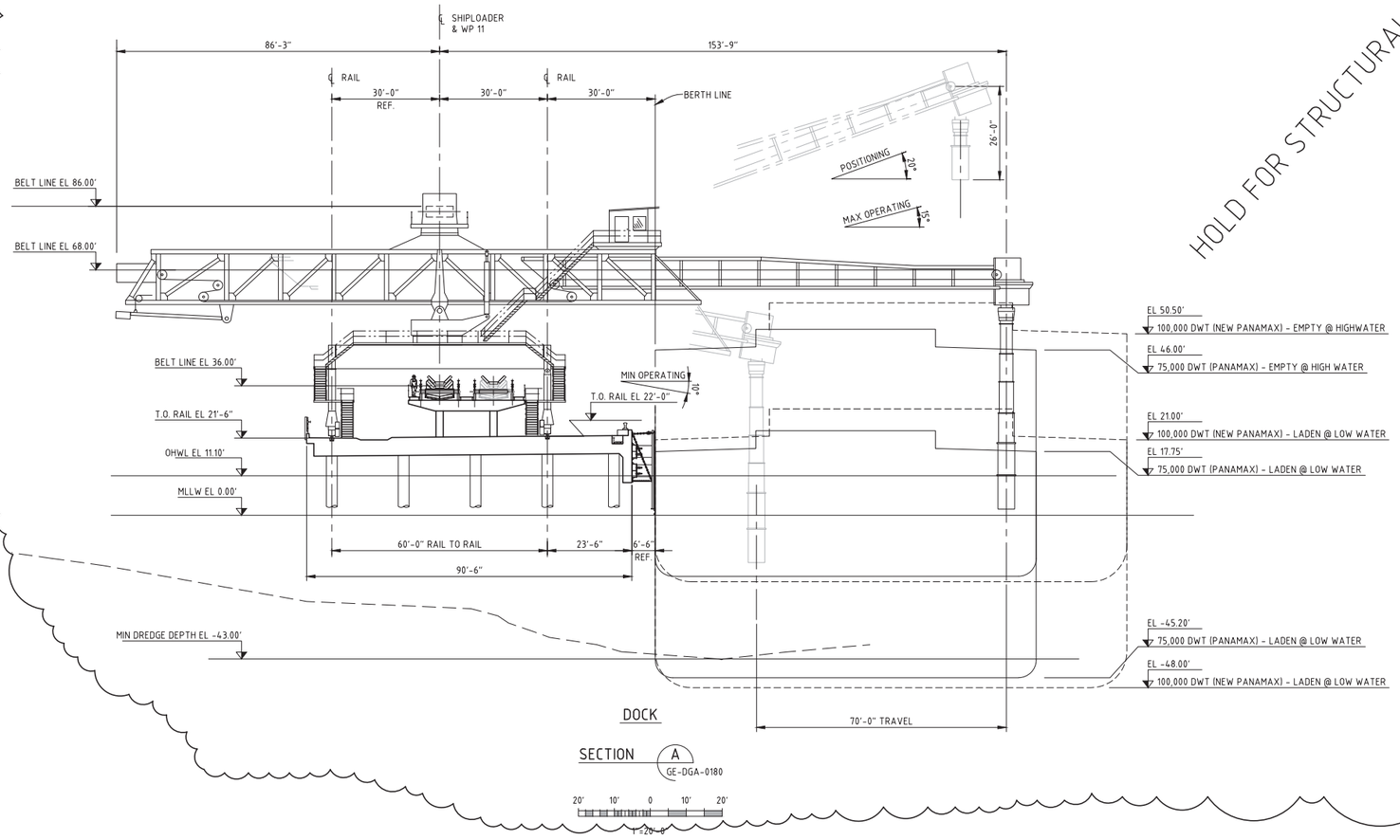
DOCK ELEVATION

VIEW B
GE-DGA-0180

75' 50' 25' 0 75'

1"=75'-0"

HOLD FOR STRUCTURAL/CIVIL

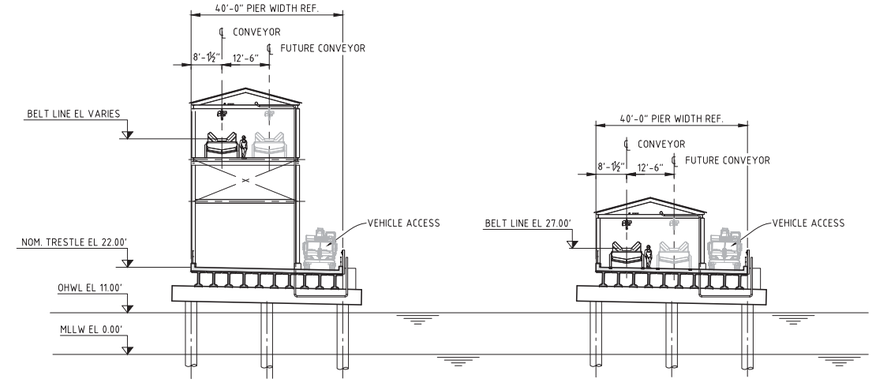


DOCK

SECTION A
GE-DGA-0180

20' 10' 0 10' 20'

1"=20'-0"



SECTION C
GE-DGA-0180

TRESTLE

SECTION D
GE-DGA-0180

20' 10' 0 10' 20'

1"=20'-0"

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
Last Saved: Sep. 26/12 7:20am

REV	DATE (DD-MMM-YY)	REVISION DESCRIPTION	DRAWN	DRAFT CHK	DESIGNED	ENG CHK	APPROVED	CUSTOMER	REF DRAWING No	REFERENCE DRAWING TITLE
A	28-SEP-12	ISSUED FOR 60% DESIGN COMPLETION	RRM	-	-	-	-	-		

D SHEET | SCALE | SHOWN

OneWay

WORLEYPARSONS PROJECT No
80563

ENGINEERING AND PERMIT STAMPS (As Required)

CUSTOMER

BULK TERMINALS millennium LONGVIEW, LLC

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WorleyParsons resources & energy

MILLENNIUM BULK TERMINALS-LONGVIEW, WA
MATERIALS HANDLING FACILITY
COAL HANDLING TERMINAL
DOCK & TRESTLE GEN. ARRANGEMENT SECTIONS

DRG No 80563-21-GE-DGA-0181

REV A

LOCATION: U:\KRK\2011\80563_MBTL_DETAIL_ENG\11_DRAWINGS\05_MECH\03_MATL_HANDLING\80563-21-GE-DGA-0180-0181.DWG
USER NAME: robert.r.munro
PLOT DATE & TIME: 26/9/2012 7:21:26 AM
SAVE DATE & TIME: 26/9/2012 7:20:36 AM