



## APPENDIX 12 – Table of Contents – Turn Radius Drawings

### 12.0 Turn Radius Drawings

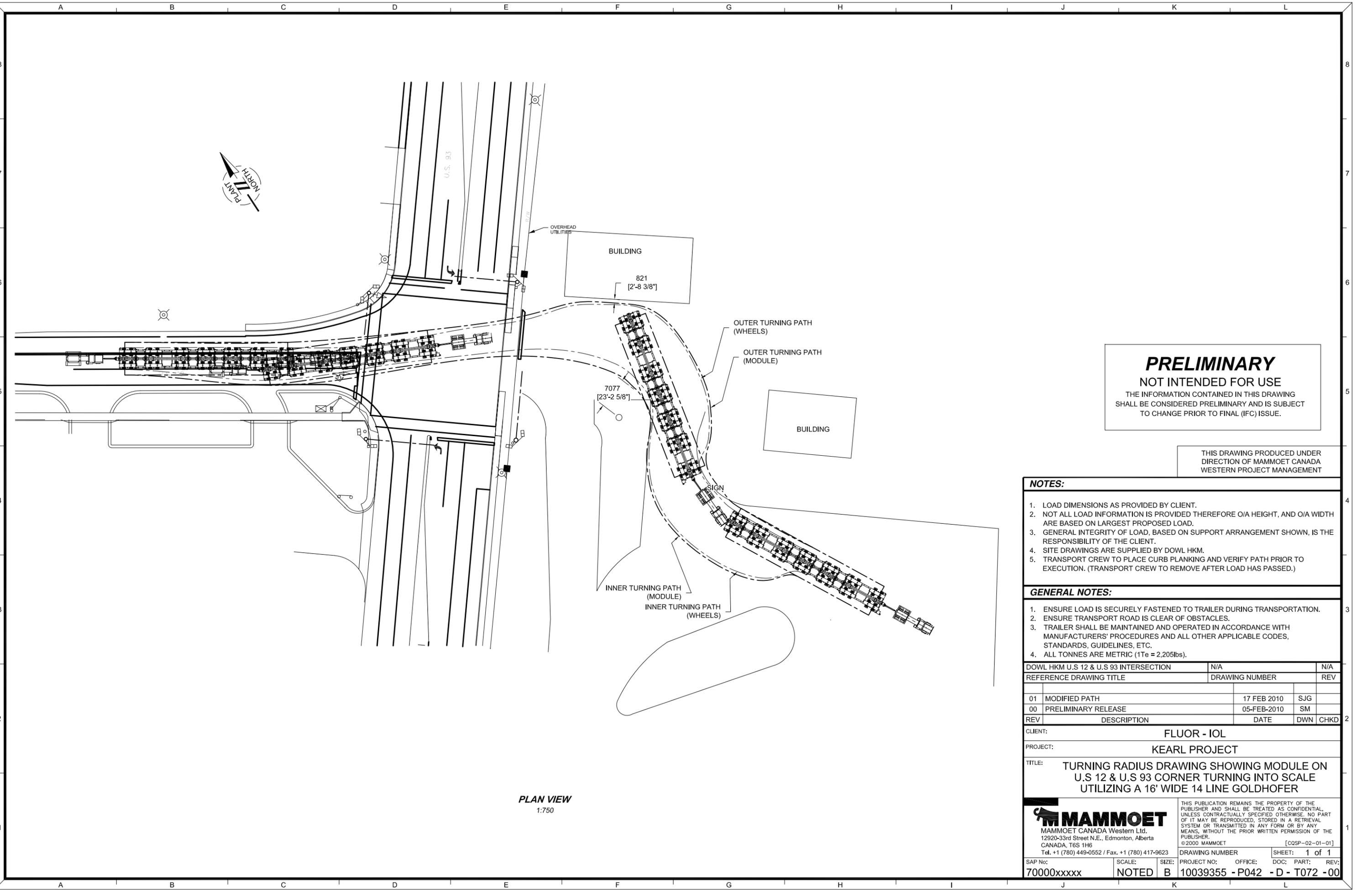
12.1	10039355-P042-D-T072	Jct U.S. 12 & U.S. 93
12.2	10039355-P042-D-T073	Jct U.S. 12 & U.S. 93
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12.17	10039355-P042-D-T102	BNSF Lease to N. Central Avenue
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12.19	10039355-P042-D-T100	Long Vehicle Traffic Detour
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12.21	10039355-P042-D-T091	Curve #1 @ Sweet Grass Border Crossing W. of Interstate 15
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12.23	10039355-P042-D-T094	Curve #2 @ Sweet Grass Border Crossing E. of Interstate 15
12.24	10039355-P042-D-T105	Curb Planking w/ Isometric View

In order to accurately complete the turn radius drawings, the transport route corners were first physically measured by members of the Mammoet Transportation team. Secondly, the corners were surveyed by a third party in order to provide more accurate measurements. Lastly, the turn radius drawings were scaled and illustrated using the information gathered, presenting how the load would travel around each corner.



**12.0 Turn Radius Drawings**

12.1 10039355-P042-D-T072.....Jct U.S. 12 & U.S. 93



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- NOTES:**
- LOAD DIMENSIONS AS PROVIDED BY CLIENT.
  - NOT ALL LOAD INFORMATION IS PROVIDED THEREFORE O/A HEIGHT, AND O/A WIDTH ARE BASED ON LARGEST PROPOSED LOAD.
  - GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
- ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  - TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  - ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

DOWL HKM U.S 12 & U.S 93 INTERSECTION		N/A	N/A
REFERENCE DRAWING TITLE		DRAWING NUMBER	REV
01	MODIFIED PATH	17 FEB 2010	SJG
00	PRELIMINARY RELEASE	05-FEB-2010	SM
REV	DESCRIPTION	DATE	DWN   CHKD

CLIENT: **FLUOR - IOL**

PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING SHOWING MODULE ON U.S 12 & U.S 93 CORNER TURNING INTO SCALE UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

**MAMMOET**  
 MAMMOET CANADA Western Ltd.  
 12920-33rd Street N.E., Edmonton, Alberta  
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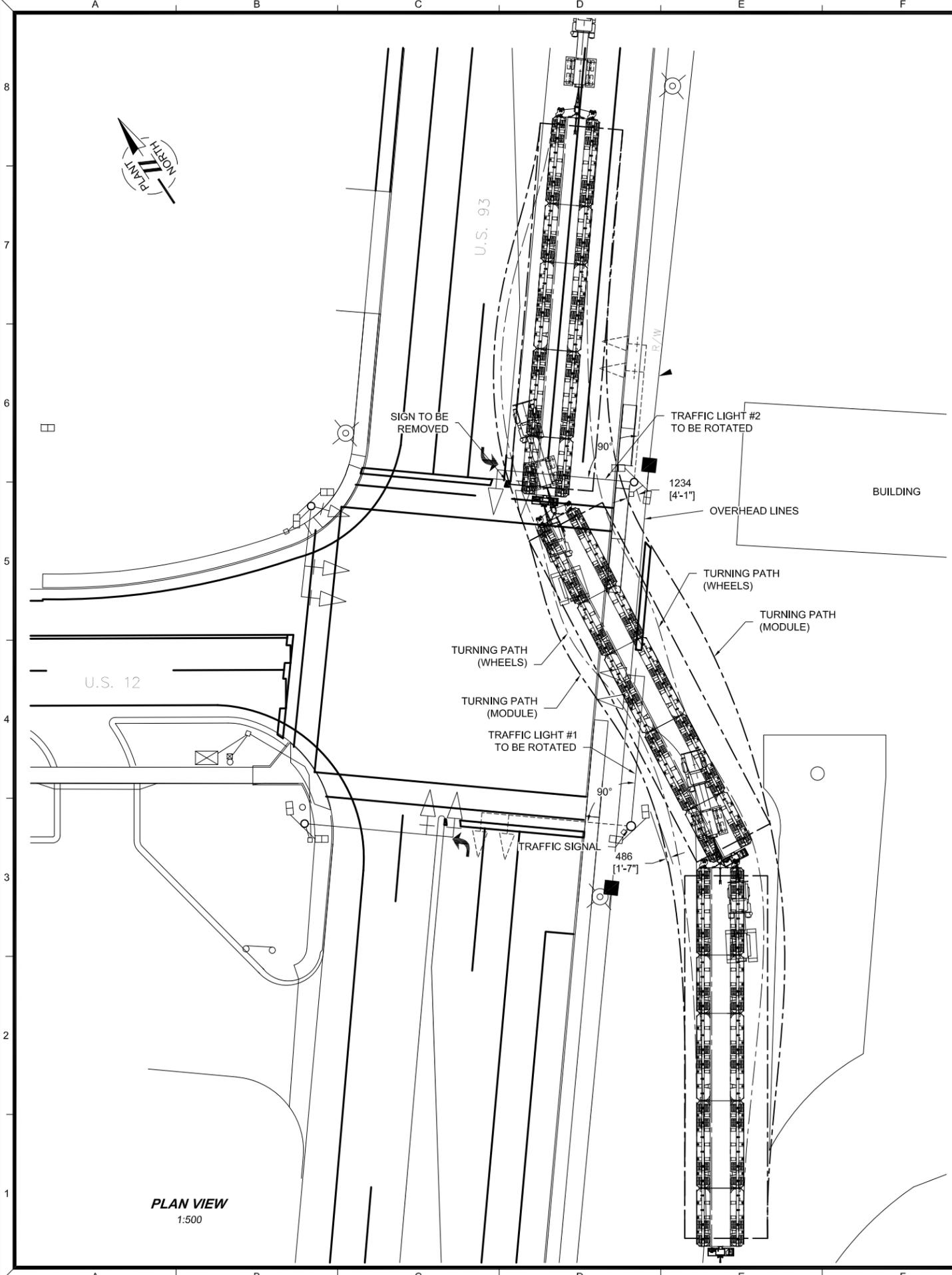
SAP No: 70000xxxxx SCALE: NOTED SIZE: B PROJECT NO: 10039355 - P042 OFFICE: -D - PART: T072 REV: 00

**PLAN VIEW**  
 1:750

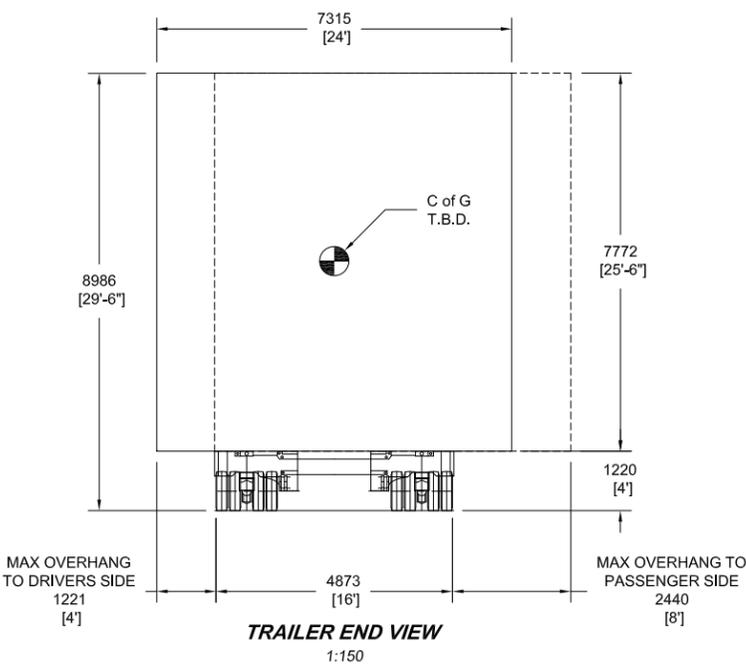


12.2 10039355-P042-D-T073.....Jct U.S. 12 & U.S. 93

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**PLAN VIEW**  
1:500



**TRAILER END VIEW**  
1:150

**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. TRAFFIC LIGHT #1 TO HAVE PERMANENT ROTATING BASE.
2. TRAFFIC LIGHT #2 TO HAVE PERMANENT ROTATING BASE.
3. OVERHEAD LINES TO BE REMOVED OR CLEARED TO ACCOMMODATE MODULE AT LOADED HEIGHT OF 30'.
4. SIGN IN MEDIAN TO HAVE REMOVABLE BASE.

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ROTATE TRAFFIC LIGHT #1 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.
2. ROTATE TRAFFIC LIGHT #2 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.
3. SIGN IN MEDIAN TO BE REMOVED TO CLEAR LOAD AND REPLACED ONCE CLEARED.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE CoG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER TRANSPORT COMPANY STABILITY AND LASHING GUIDELINE.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM U.S 12 & U.S 93 INTERSECTION	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV

REV	DESCRIPTION	DATE	DWN	CHKD
01	REVISED TRAILER AND ADDED SCOPE OF WORK	09-JUN-2010	SJG	SRB
00	PRELIMINARY RELEASE	05-FEB-2010	SM	

CLIENT: **FLUOR - IORVL**  
 PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING SHOWING MODULE IN LOLO  
 US 12 & US 93 CORNER TURNING OUT OF SCALE  
 ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

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	DRAWING NUMBER	SHEET: 1 of 1

SAP No:	SCALE: NOTED	SIZE: B	PROJECT NO: 10039355 - P042	OFFICE: -D-	DOC: T073	PART: -01	REV:
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12.3 10039355-P042-D-T074.....Jct U.S. 12 & U.S. 93

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**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. TRAFFIC LIGHT #1 TO HAVE PERMANENT ROTATING BASE.
2. TRAFFIC LIGHT #2 TO HAVE PERMANENT ROTATING BASE.
3. SIGN IN MEDIAN TO HAVE REMOVABLE BASE.

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ROTATE TRAFFIC LIGHT #1 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.
2. ROTATE TRAFFIC LIGHT #2 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.
3. SIGN IN MEDIAN TO BE REMOVED TO CLEAR LOAD AND REPLACED ONCE CLEARED.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE COG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER TRANSPORT COMPANY STABILITY AND LASHING GUIDELINE.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

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2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
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4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

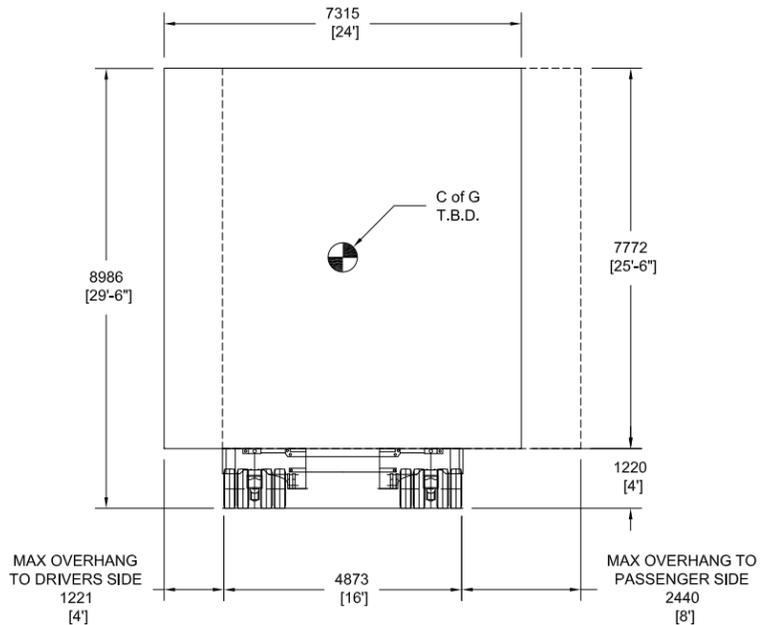
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REFERENCE DRAWING TITLE		DRAWING NUMBER	REV
01	REVISED TRAILER AND ADDED SCOPE OF WORK	10-JUN-2010	SJG SRB
00	PRELIMINARY RELEASE	05-FEB-2010	SM
REV	DESCRIPTION	DATE	DWN CHKD

CLIENT: **FLUOR - IORVL**  
 PROJECT: **KEARL PROJECT**

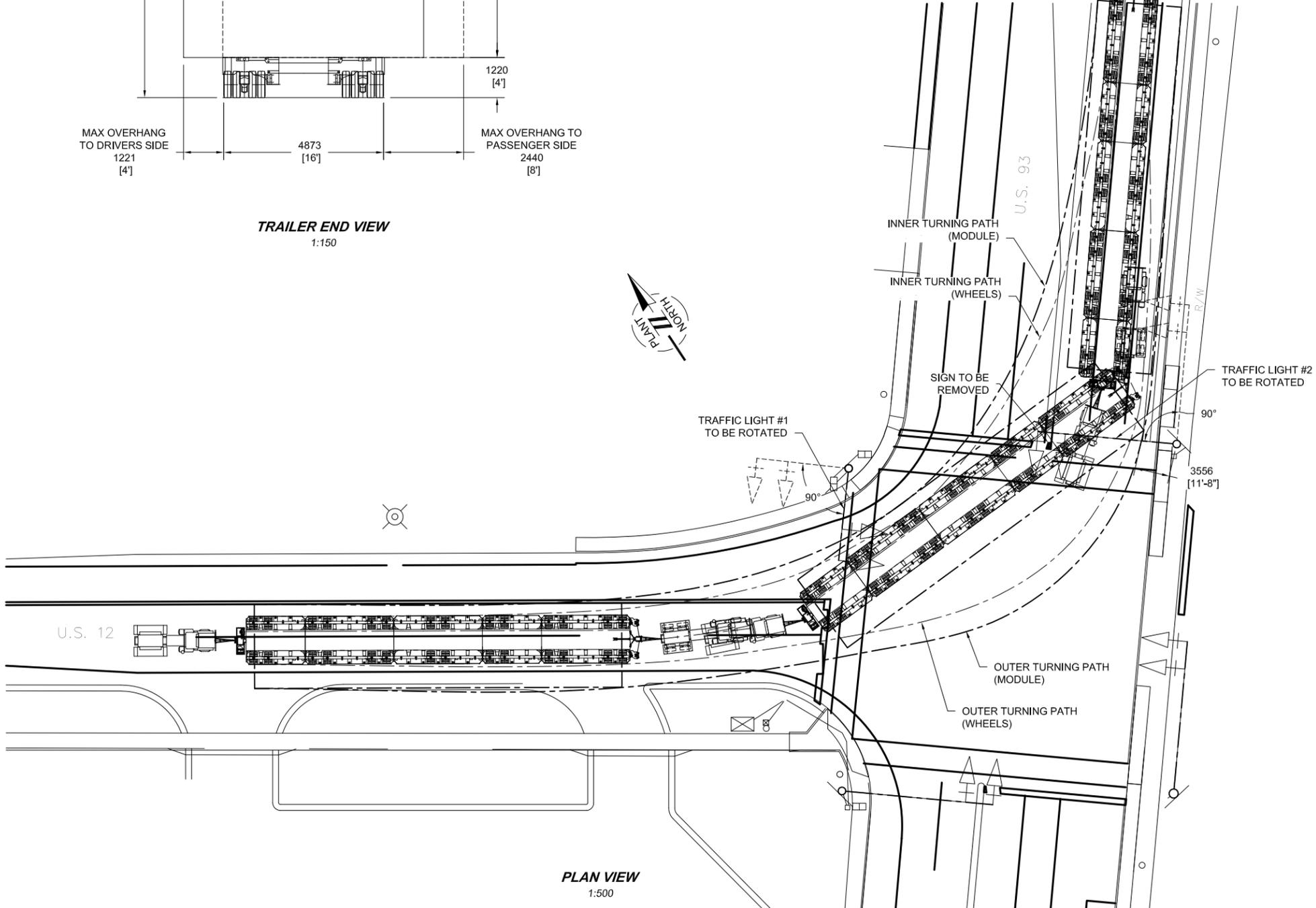
TITLE: **TURNING RADIUS DRAWING SHOWING MODULE IN LOLO  
 US 12 & US 93 CORNER TURNING PAST SCALE  
 ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

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SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC:	PART:	REV:
	NOTED	B	10039355 - P042	- D -	T074	- 01	



**TRAILER END VIEW**  
1:150

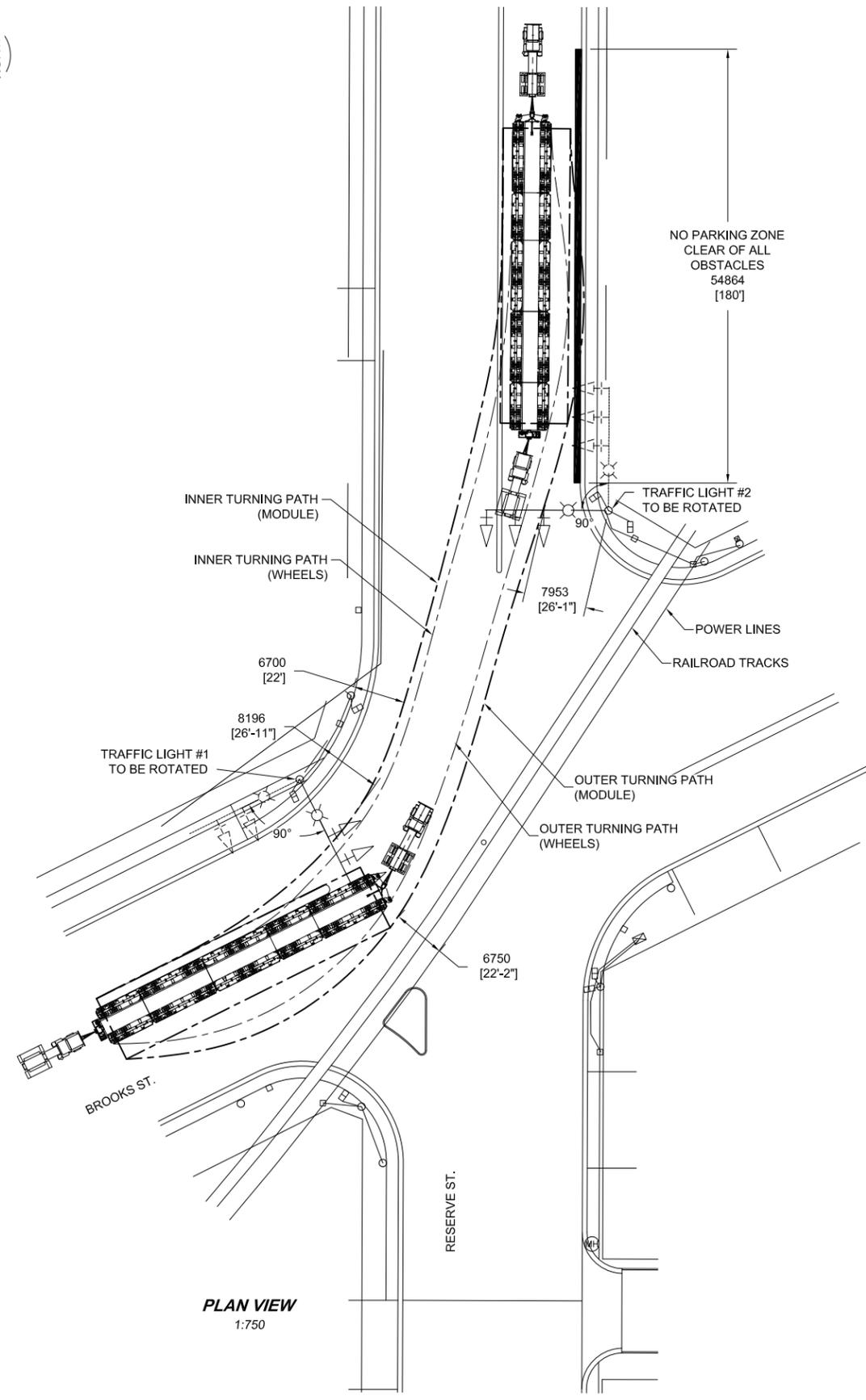


**PLAN VIEW**  
1:500

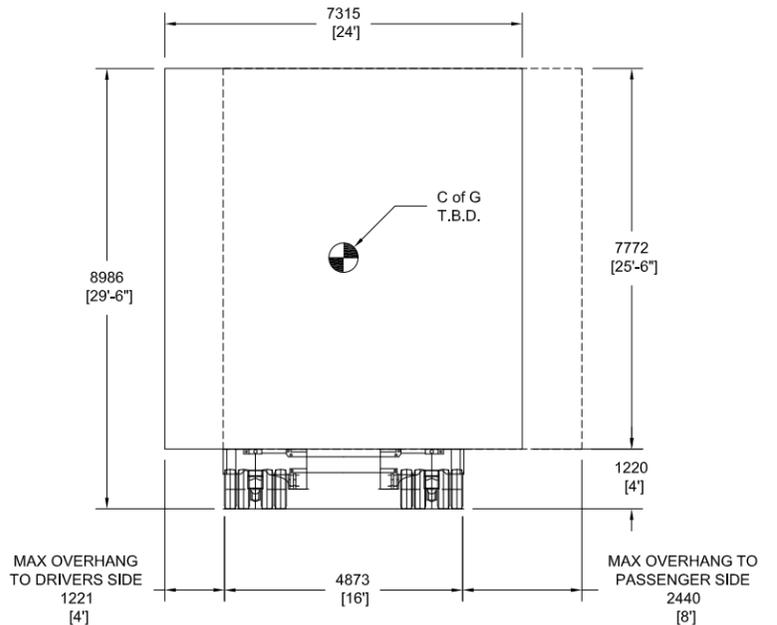




12.4 10039355-P042-D-T098.....Jct Brooks Street & Reserve Street



**PLAN VIEW**  
1:750



**TRAILER END VIEW**  
1:150

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**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. TRAFFIC LIGHT #1 TO HAVE PERMANENT ROTATING BASE.
2. TRAFFIC LIGHT #2 TO HAVE PERMANENT ROTATING BASE.
3. NO PARKING AGREEMENT ON RESERVE ST. NORTHBOUND, NORTH OF BROOKS ST. FOR 180'
4. OVERHEAD LINES TO BE REMOVED OR CLEARED TO ACCOMMODATE MODULE AT LOADED HEIGHT OF 30'.

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ENSURE NO PARKING ZONE IS CLEAR OF PARKED CARS.
2. ROTATE TRAFFIC LIGHT #1 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.
3. ROTATE TRAFFIC LIGHT #2 TO CLEAR LOAD AND ROTATE BACK ONCE CLEARED.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE CoG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER TRANSPORT COMPANY STABILITY AND LASHING GUIDELINE.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

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4. ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

DOWL HKM RESERVE ST. AND BROOKS ST.	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
03 REVISED MODULE	07-JUN-2010	SJG SRB
02 REVISED TRAILER	01-JUN-2010	SJG
01 REVISED TURN AND ADDED SCOPE OF WORK	21-MAY-2010	SJG BP
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IORVL**  
PROJECT: **KEARL PROJECT**  
TITLE: **TURNING RADIUS DRAWING SHOWING MODULE IN MISSOULA ON CORNER OF BROOKS AND RESERVE ST. ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

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DRAWING NUMBER: 10039355 - P042 - D - T098 - 03  
SHEET: 1 of 1

SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC:	PART:	REV:
	NOTED	B	10039355 - P042 - D - T098 - 03				



12.5 10039355-P042-D-T083.....Jct Reserve Street & Interstate 90



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  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

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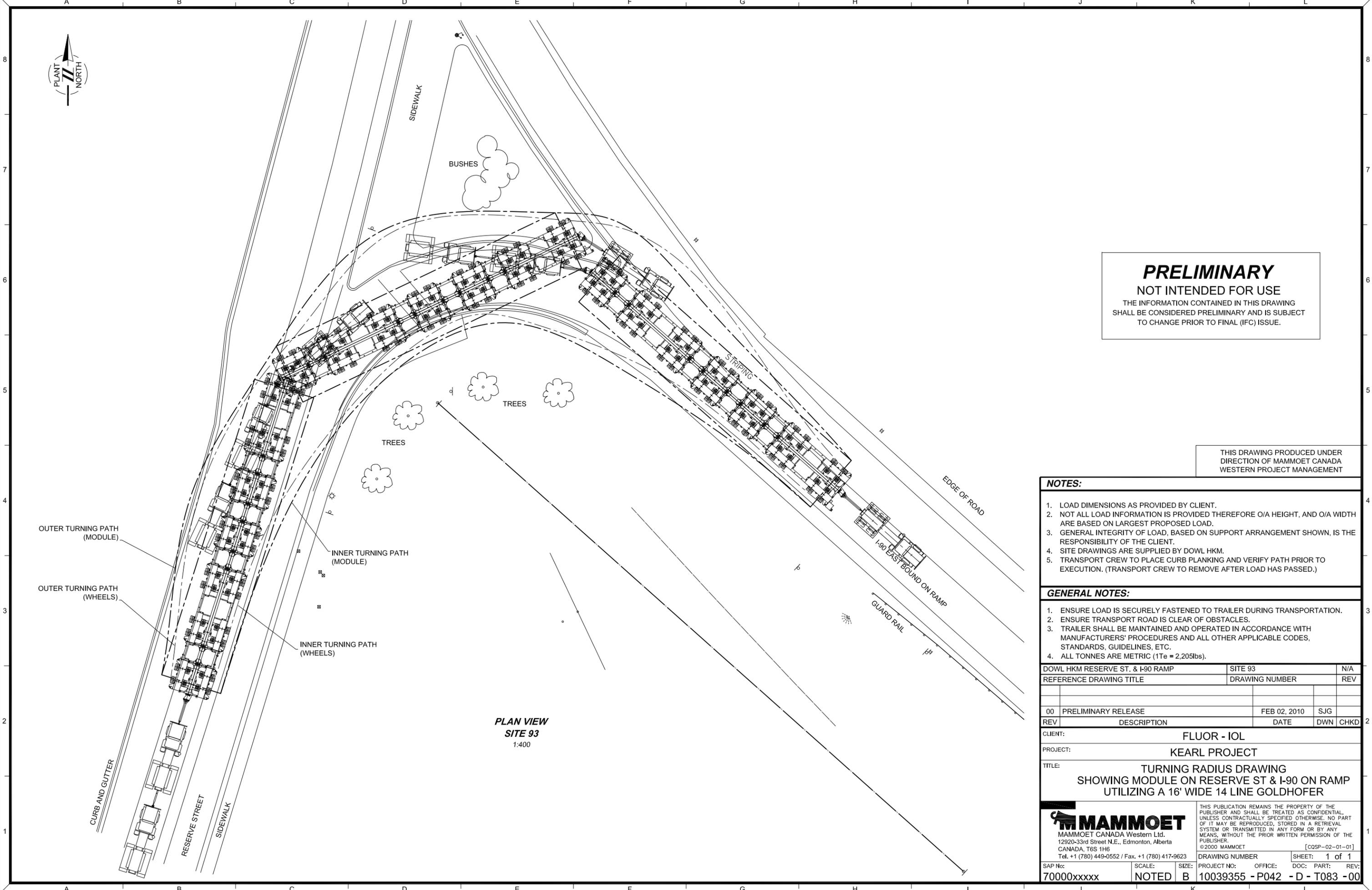
DOWL HKM RESERVE ST. & I-90 RAMP	SITE 93	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	FEB 02, 2010	SJG
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TURNING RADIUS DRAWING  
 SHOWING MODULE ON RESERVE ST & I-90 ON RAMP  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

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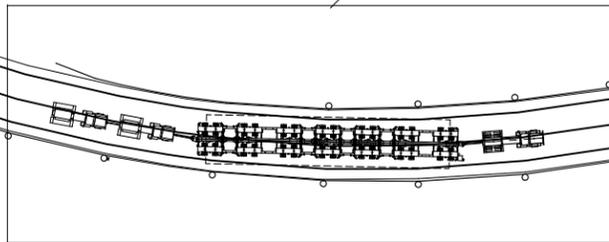
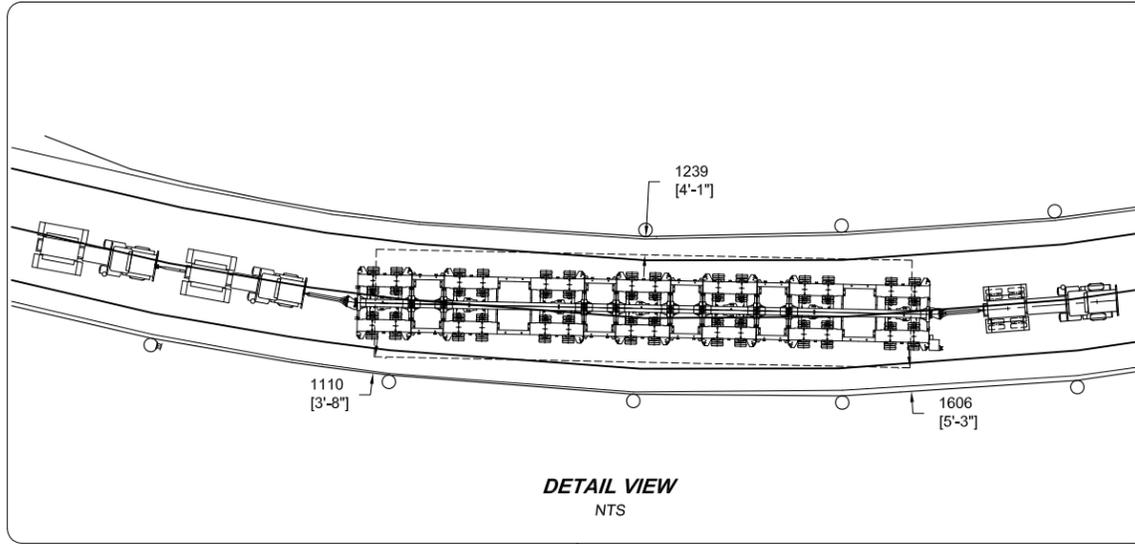
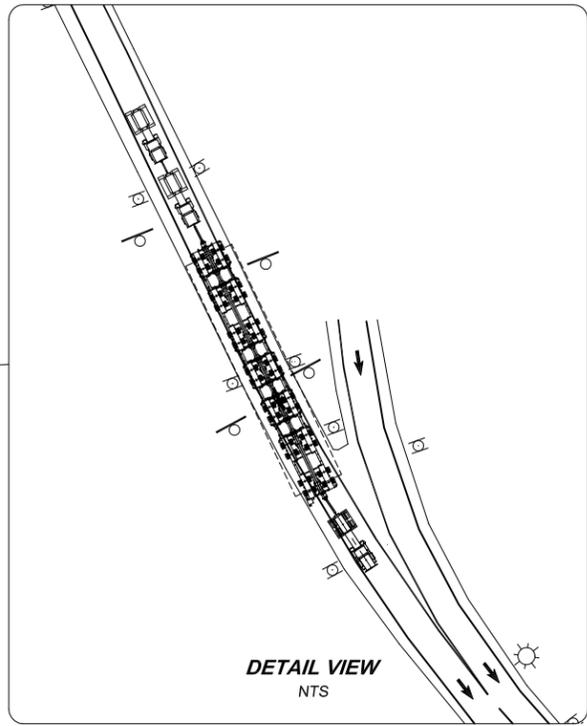
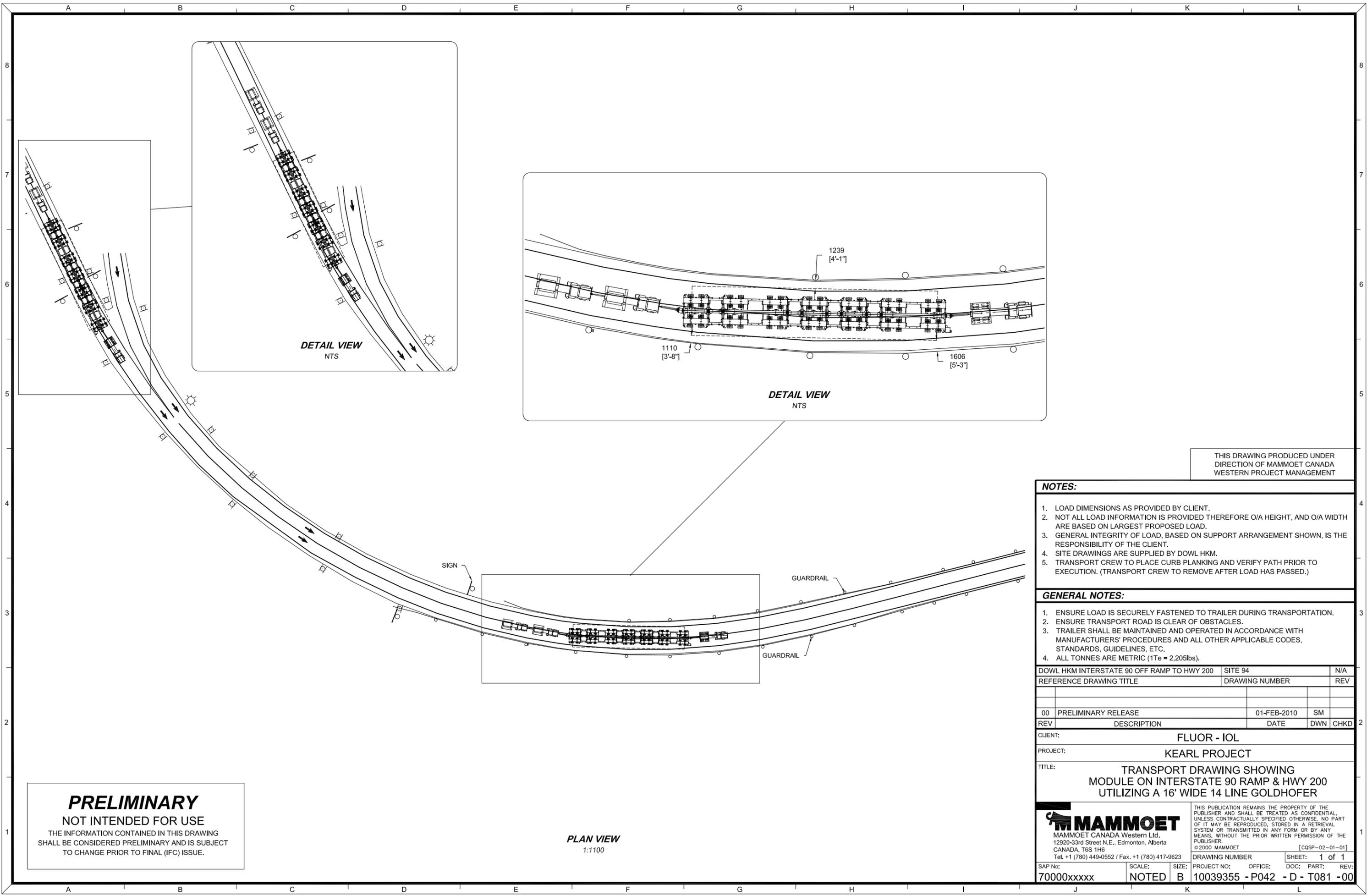
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70000xxxxx	NOTED	B	PROJECT NO: 10039355 - P042	OFFICE: - D - T083 - 00





12.6 10039355-P042-D-T081.....Jct Interstate 90 & MT 200



**PLAN VIEW**  
1:1100

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**NOTES:**

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**GENERAL NOTES:**

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4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM INTERSTATE 90 OFF RAMP TO HWY 200	SITE 94	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV

00	PRELIMINARY RELEASE	01-FEB-2010	SM	
REV	DESCRIPTION	DATE	DWN	CHKD

CLIENT: **FLUOR - IOL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TRANSPORT DRAWING SHOWING  
 MODULE ON INTERSTATE 90 RAMP & HWY 200  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

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	DRAWING NUMBER	SHEET: 1 of 1
SAP No: 70000xxxxx	SCALE: NOTED	SIZE: B
PROJECT NO: 10039355 - P042	OFFICE: - D	DOC: PART: T081
		REV: 00

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12.7 10039355-P042-D-T097.....MT 97 through Lincoln, MT



**PLAN VIEW**  
1:2000

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  2. NOT ALL LOAD INFORMATION IS PROVIDED THEREFORE O/A HEIGHT, AND O/A WIDTH ARE BASED ON LARGEST PROPOSED LOAD.
  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY GOOGLE MAPS.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)
  6. THERE WILL BE NO TRAFFIC CLEARING OPPORTUNITIES THROUGH THE TOWN OF LINCOLN.

- GENERAL NOTES:**
1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

GOOGLE MAPS HWY 200 LINCOLN, MONTANA	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
01 REVISED WITH COLOUR DRAWING	FEB 18, 2010	SJG
00 PRELIMINARY RELEASE	FEB 16, 2010	SJG
REV	DESCRIPTION	DATE
	DWN	CHKD

CLIENT: FLOUR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING  
SHOWING MODULE IN LINCOLN, MONTANA  
UTILIZING A 16' WIDE 14 LINE GOLDHOFFER

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	DRAWING NUMBER	SHEET: 1 of 1

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70000xxxxx	NOTED	B	10039355 - P042	- D	- T097	- 01	

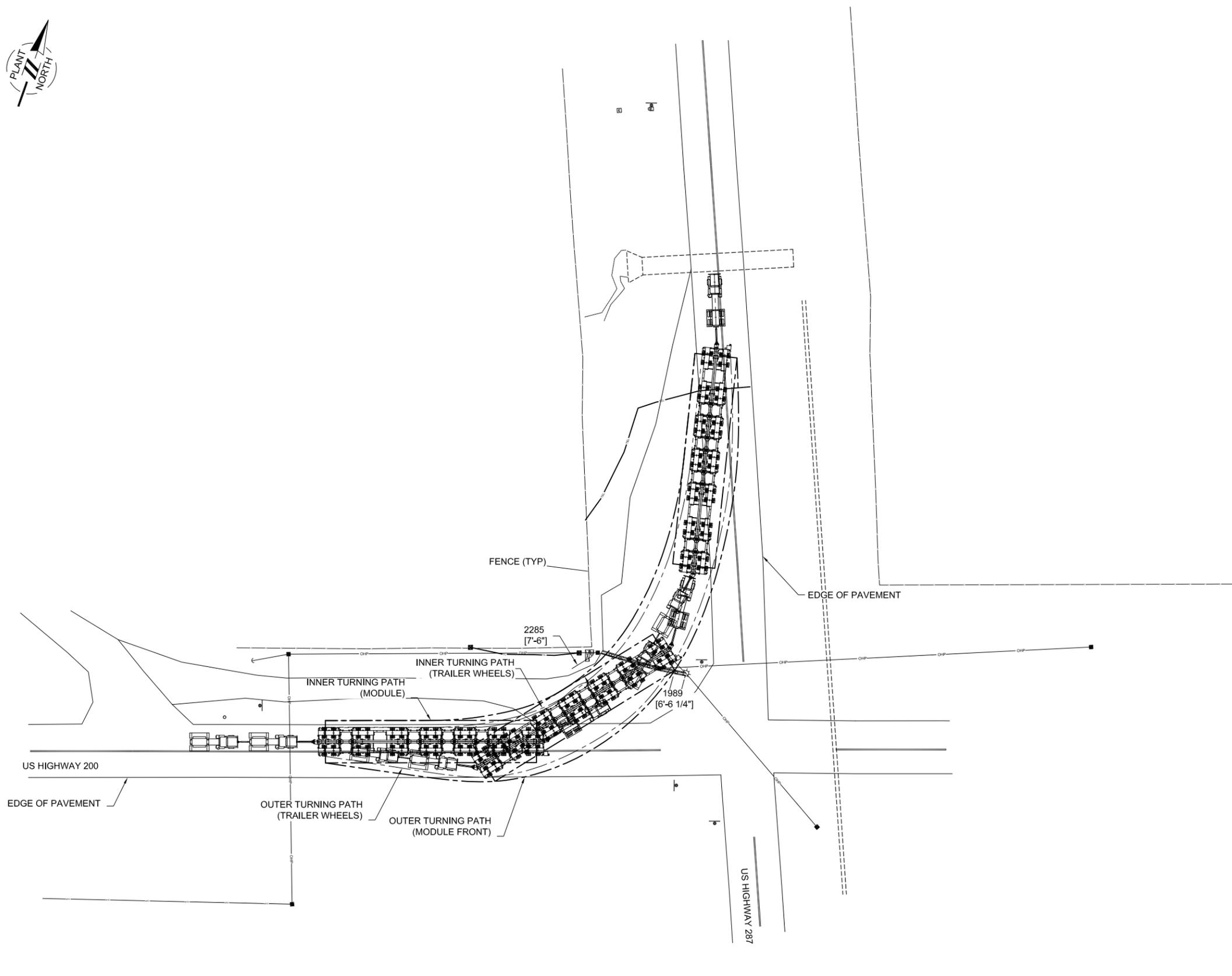


12.8 10039355-P042-D-T082.....Jct U.S. 200 & U.S. 287



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**PLAN VIEW**  
**SITE 27**  
 1:1000

- NOTES:**
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  2. NOT ALL LOAD INFORMATION IS PROVIDED THEREFORE O/A HEIGHT, AND O/A WIDTH ARE BASED ON LARGEST PROPOSED LOAD.
  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM HWY 200 & HWY 287 INTERSECTION	SITE 27	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	FEB 01, 2010	SJG
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**

PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING  
 SHOWING MODULE ON CORNER OF HWY 200 & HWY 287  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

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	DRAWING NUMBER	SHEET: 1 of 1

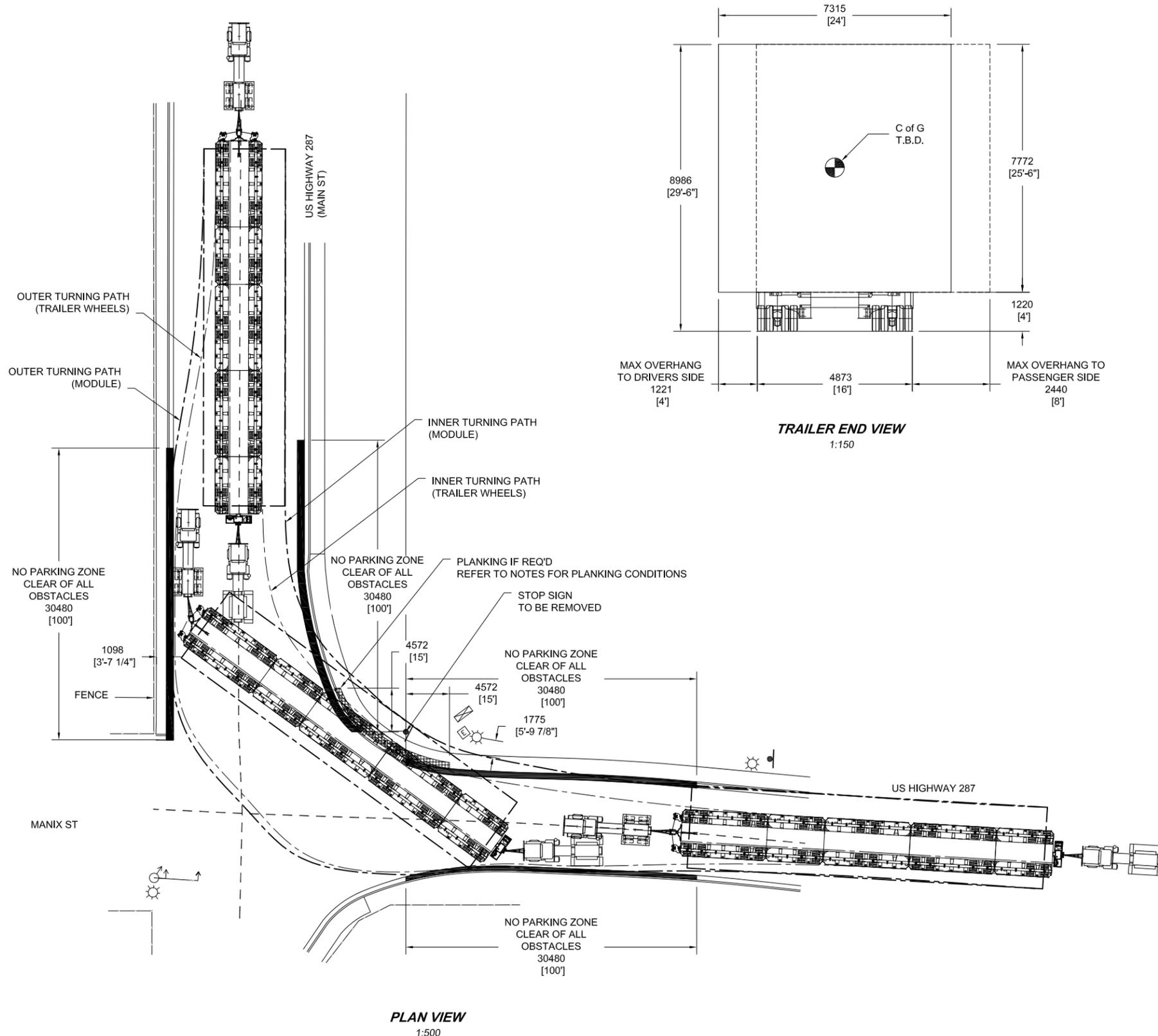
SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC: PART:	REV:
70000xxxxx	NOTED	B	10039355 - P042	- D -	T082	-00



12.9 10039355-P042-D-T084.....Jct MT 287 & Main Street



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**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. NO PARKING AGREEMENT ON US HWY 287 WESTBOUND AND MAIN ST. NORTHBOUND FOR 100' ON BOTH SIDES OF THE STREET.
2. STOP SIGN ON REMOVEABLE BASE (COMPLETED IN CURRENT CONDITION).

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ENSURE NO PARKING ZONE IS CLEAR OF PARKED CARS.
2. STOP SIGN TO BE REMOVED TO CLEAR LOAD AND REPLACED ONCE CLEARED.
3. CURB PLANKING REQUIRED AS SHOWN ON DRAWING FOR LARGEST TRAILER ONLY. REMOVE AFTER TRANSPORT.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE CoG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER TRANSPORT COMPANY STABILITY AND LASHING GUIDELINE.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

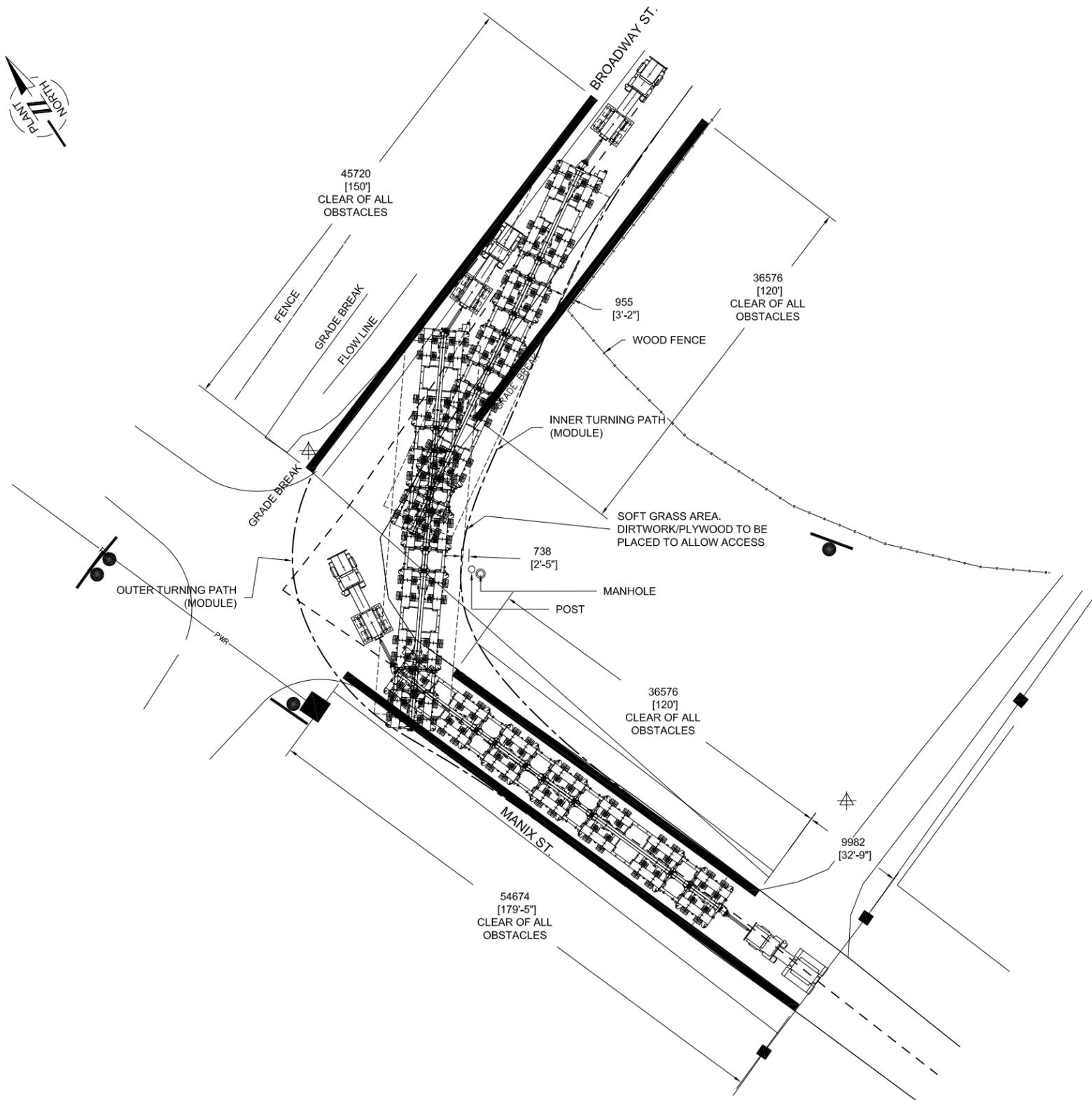
DOWL HKM HWY 287 & MAIN ST INTERSECTION		SITE 79		N/A	
REFERENCE DRAWING TITLE		DRAWING NUMBER		REV	
03	REVISED MODULE LENGTH	JUNE 04, 2010	SJG	SRB	
02	REVISED TRAILER	JUNE 01, 2010	SJG		
01	REVISED TURN AND ADDED SCOPE OF WORK	MAY 27, 2010	SJG	BP	
00	PRELIMINARY RELEASE	FEB 02, 2010	SJG		
REV	DESCRIPTION	DATE	DWN	CHKD	

CLIENT: **FLUOR - IORVL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TURNING RADIUS DRAWING SHOWING MODULE IN AUGUSTA ON HIGHWAY 287 & MAIN STREET ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

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	DRAWING NUMBER	SHEET: 1 of 1				
SAP No:	SCALE: NOTED	SIZE: B	PROJECT NO: 10039355 - P042	OFFICE: - D	DOC: T084	REV: -03



12.10 10039355-P042-D-T080.....Jct Broadway Street & Manix Street



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  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM SITE 82	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	01-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**

PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING  
 SHOWING MODULE ON BROADWAY & MANIX CORNER  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

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SAP No: 70000xxxxx	SCALE: NOTED	SIZE: B
PROJECT NO: 10039355 - P042	OFFICE: - D - T080	DOC: PART: REV: 00

**PLAN VIEW**  
 1:500



12.11 10039355-P042-D-T096.....Jct 287 & MT 89



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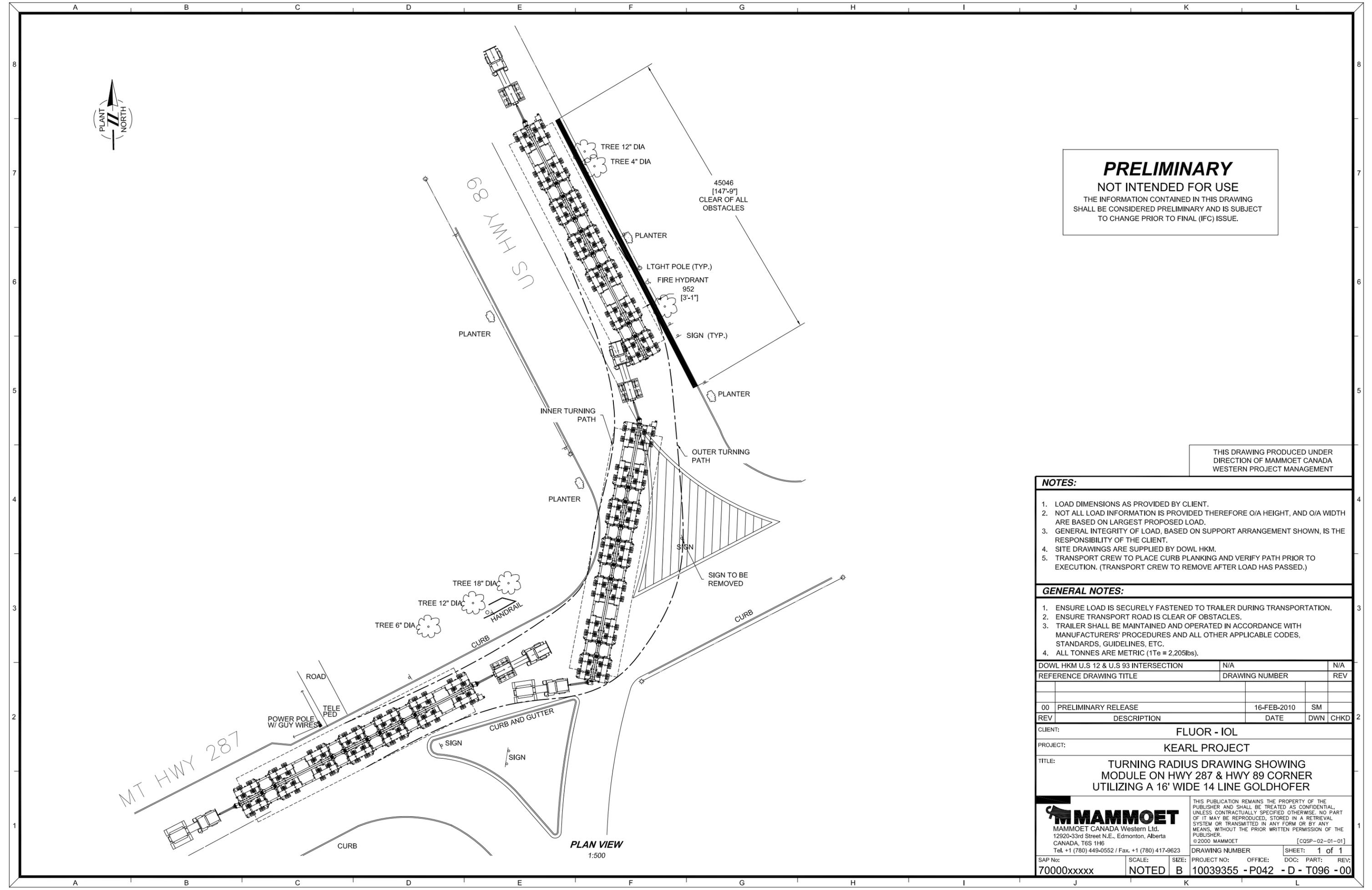
- NOTES:**
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  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
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  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  - TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  - ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM U.S 12 & U.S 93 INTERSECTION	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	16-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TURNING RADIUS DRAWING SHOWING  
 MODULE ON HWY 287 & HWY 89 CORNER  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

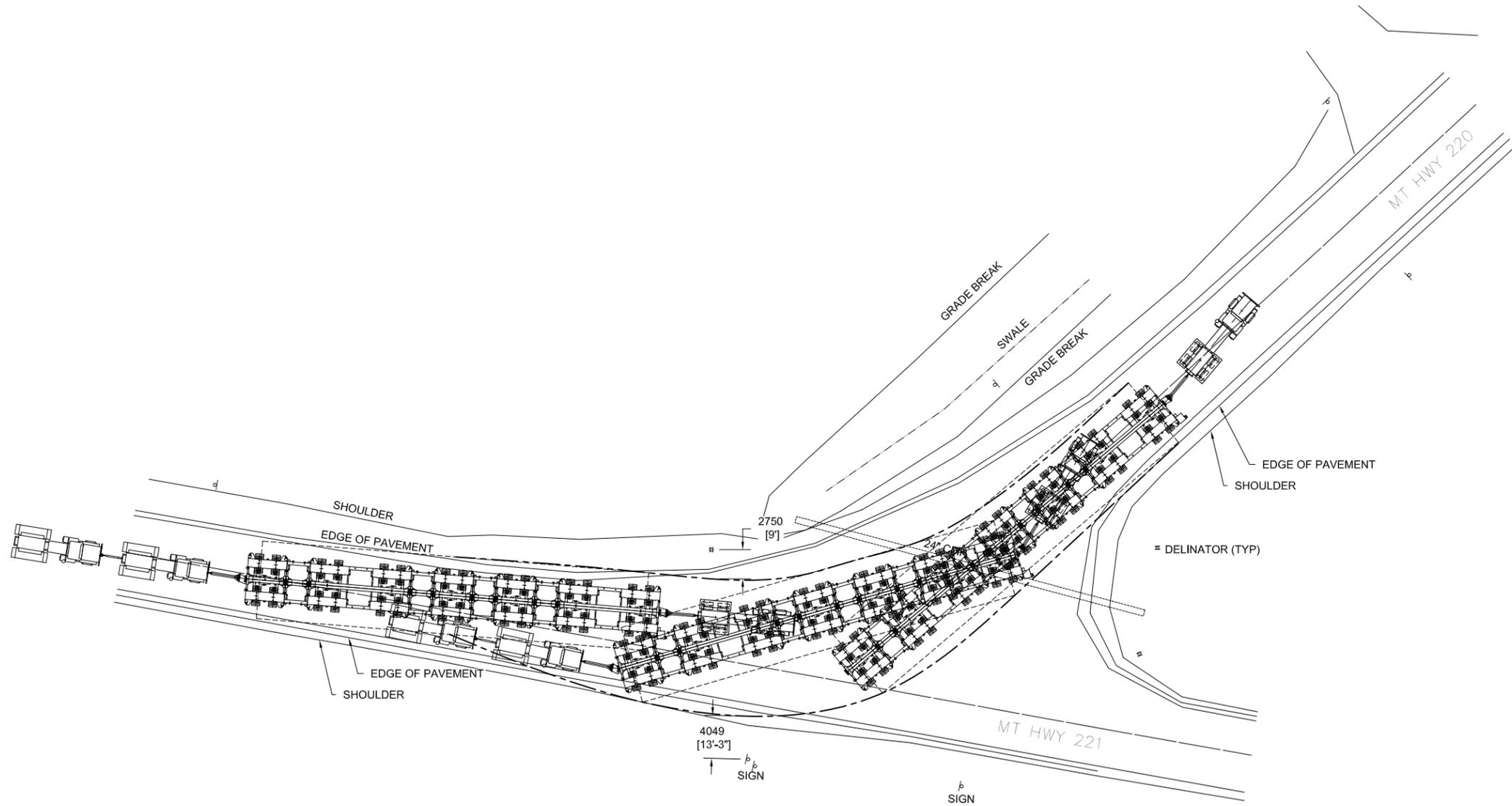
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	DRAWING NUMBER: 10039355 - P042 - D - T096 - 00 SHEET: 1 of 1	SAP No: 70000xxxxx SCALE: NOTED SIZE: B PROJECT NO: 10039355 - P042 - D - T096 - 00 OFFICE: DOC: PART: REV:



**PLAN VIEW**  
1:500



12.12 10039355-P042-D-T087.....Jct MT 221 & MT 220



PLAN VIEW  
1:500

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  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

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  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

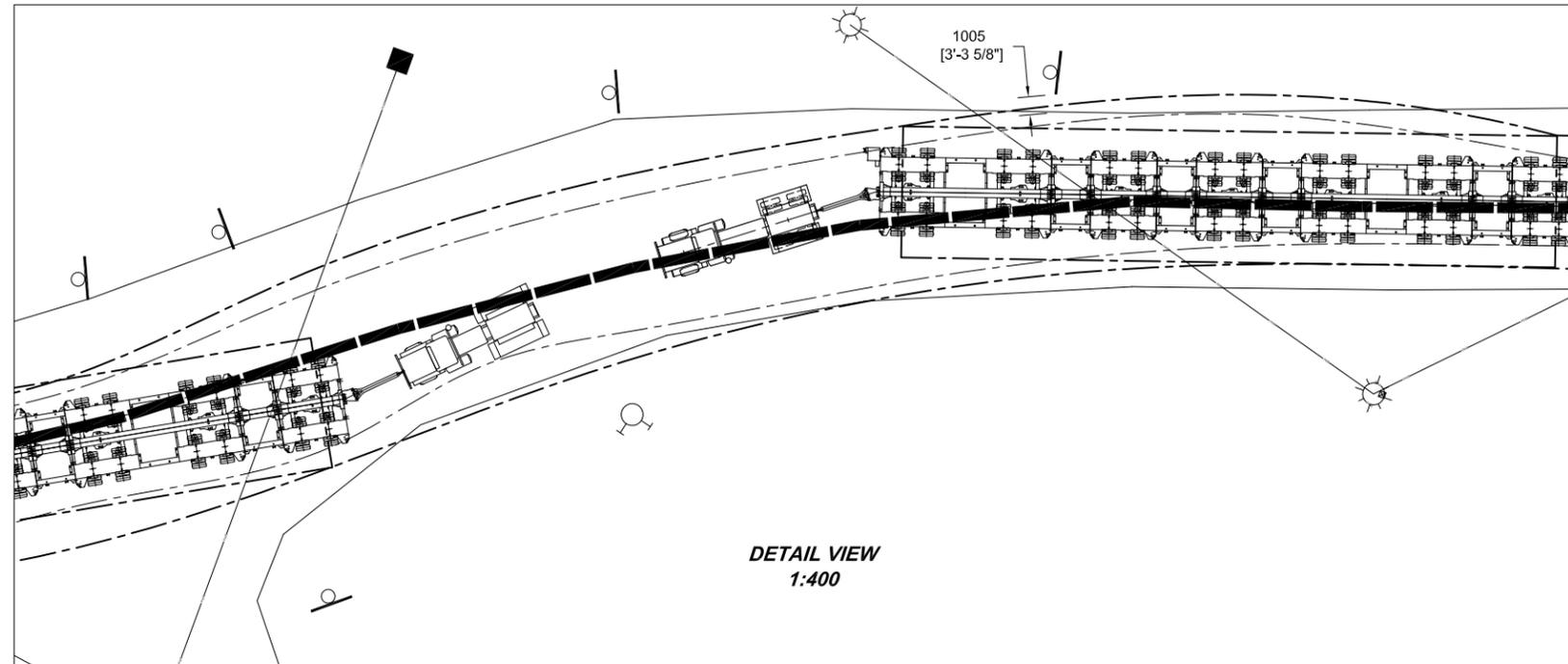
DOWL HKM HWY 221 & HWY 220 INTERSECTION		SITE 100	N/A
REFERENCE DRAWING TITLE		DRAWING NUMBER	REV
00	PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE	DWN CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING  
SHOWING MODULE ON HWY 221 & HWY 220  
UTILIZING A 16' WIDE 14 LINE GOLDHOFER

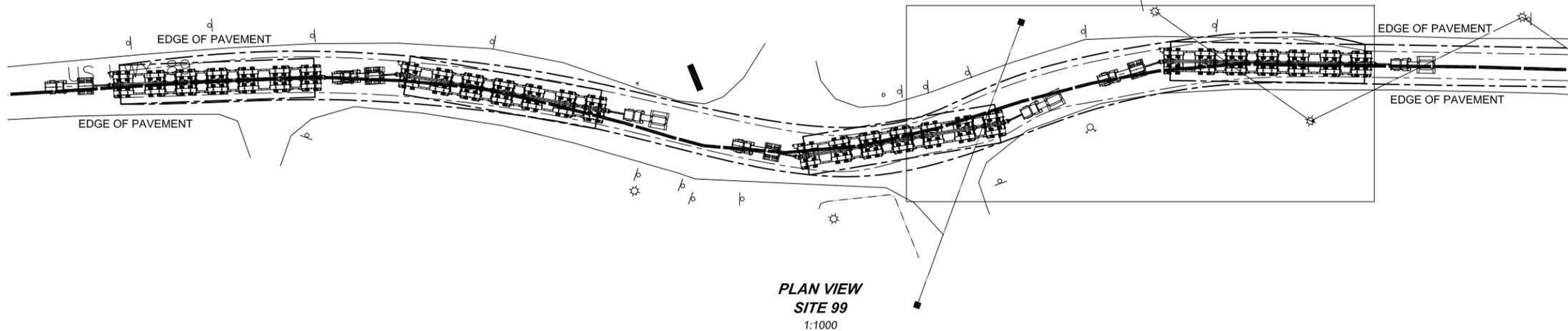
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70000xxxxx	NOTED B	PROJECT NO: 10039355 - P042	DOC. PART: REV: -D - T087 - 00



12.13 10039355-P042-D-T095.....MT 89 "S" Curve



DETAIL VIEW  
1:400



PLAN VIEW  
SITE 99  
1:1000

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  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. TRANSPORT CREW TO REMOVE ONCE LOAD HAS PASSED.

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  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM SITE 99	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	FEB 10, 2010	SJG
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING  
SHOWING MODULE ON "S" CURVE OF HWY 89  
UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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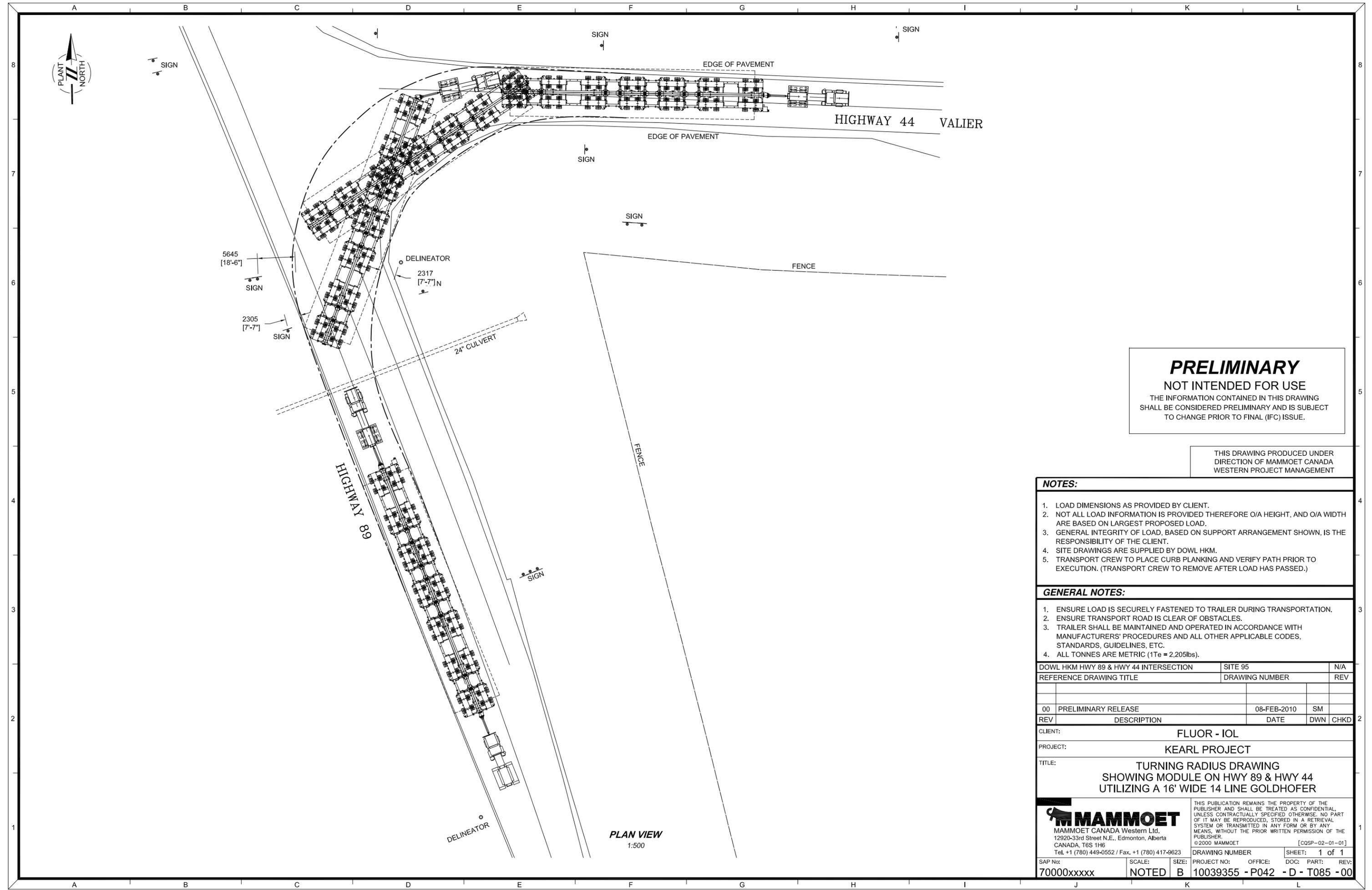
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12.14 10039355-P042-D-T085.....Jct U.S. 89 & U.S. 44



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**NOTES:**

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4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

**GENERAL NOTES:**

1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
4. ALL TONNES ARE METRIC (1T = 2,205lbs).

DOWL HKM HWY 89 & HWY 44 INTERSECTION	SITE 95	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**

PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING  
 SHOWING MODULE ON HWY 89 & HWY 44  
 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

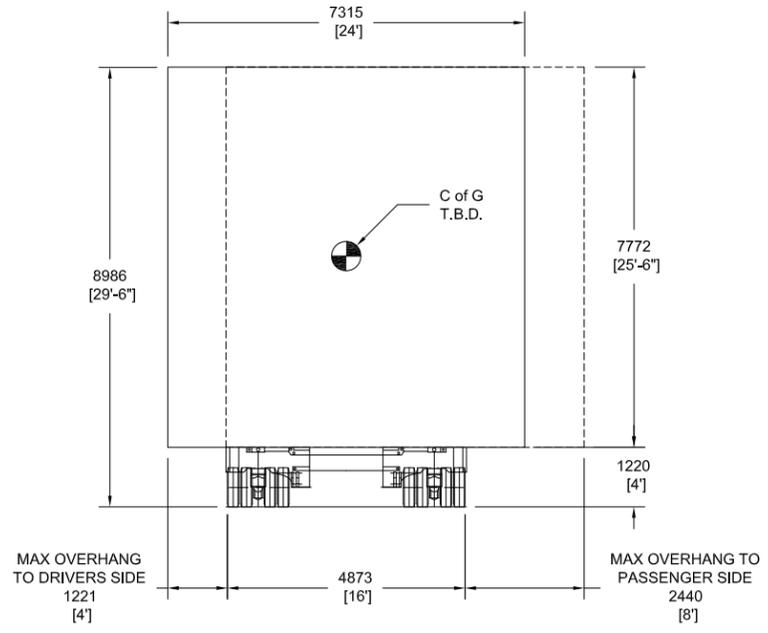
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**PLAN VIEW**  
1:500

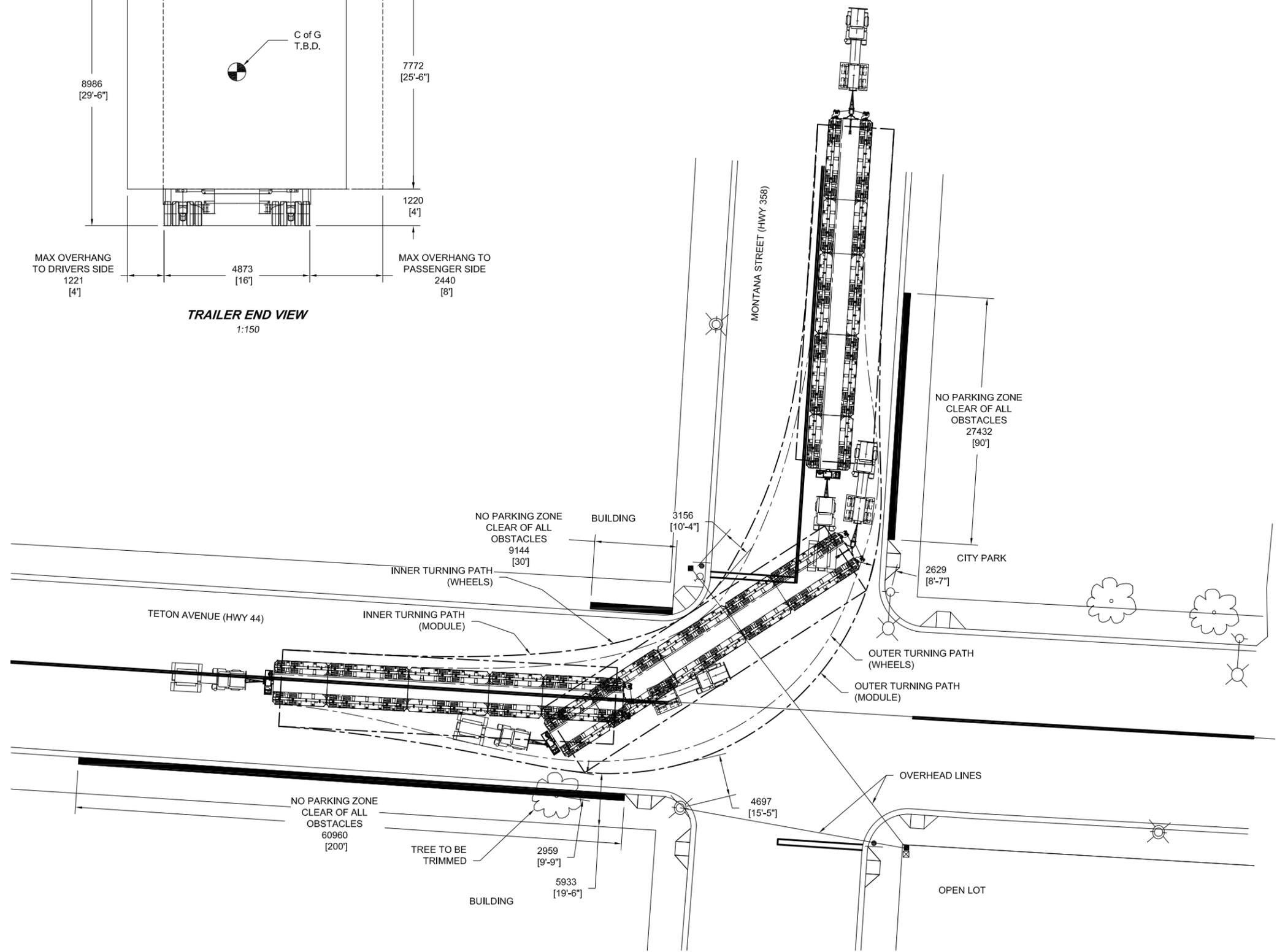


12.15 10039355-P042-D-T075.....Jct MT 44 & MT 358

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**TRAILER END VIEW**  
1:150



**PLAN VIEW**  
1:500

**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. NO PARKING AGREEMENT ON HWY 44 WESTBOUND FOR 30' ON THE NORTH SIDE OF THE STREET AND 200' ON THE SOUTH SIDE OF THE STREET.
2. NO PARKING AGREEMENT ON HWY 358 NORTHBOUND FOR 90' ON THE EAST SIDE OF THE STREET.
3. OVERHEAD LINES TO BE REMOVED OR CLEARED TO ACCOMMODATE MODULE AT LOADED HEIGHT OF 30'.
4. TREE ON SOUTH SIDE OF HWY 44 WESTBOUND TO BE MONITORED AND TRIMMED AS REQUIRED TO ALLOW TRANSPORT TO PASS.

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ENSURE NO PARKING ZONES ARE CLEAR OF PARKED CARS.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE CoG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER TRANSPORT COMPANY STABILITY AND LASHING GUIDELINE.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
4. ALL TONNES ARE METRIC (1T = 2,205lbs).

DOWL HKM MT 44 & MT 358 INTERSECTION		N/A	N/A
REFERENCE DRAWING TITLE		DRAWING NUMBER	REV
01	GENERAL REVISIONS & ADDED SCOPE OF WORK	17-JUN-2010	SJG SRB
00	PRELIMINARY RELEASE	03-FEB-2010	SM
REV	DESCRIPTION	DATE	DWN CHKD

CLIENT: **FLUOR - IORVL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TURNING RADIUS DRAWING SHOWING MODULE IN VALIER, MT ON CORNER OF HWY 44 & 358 ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

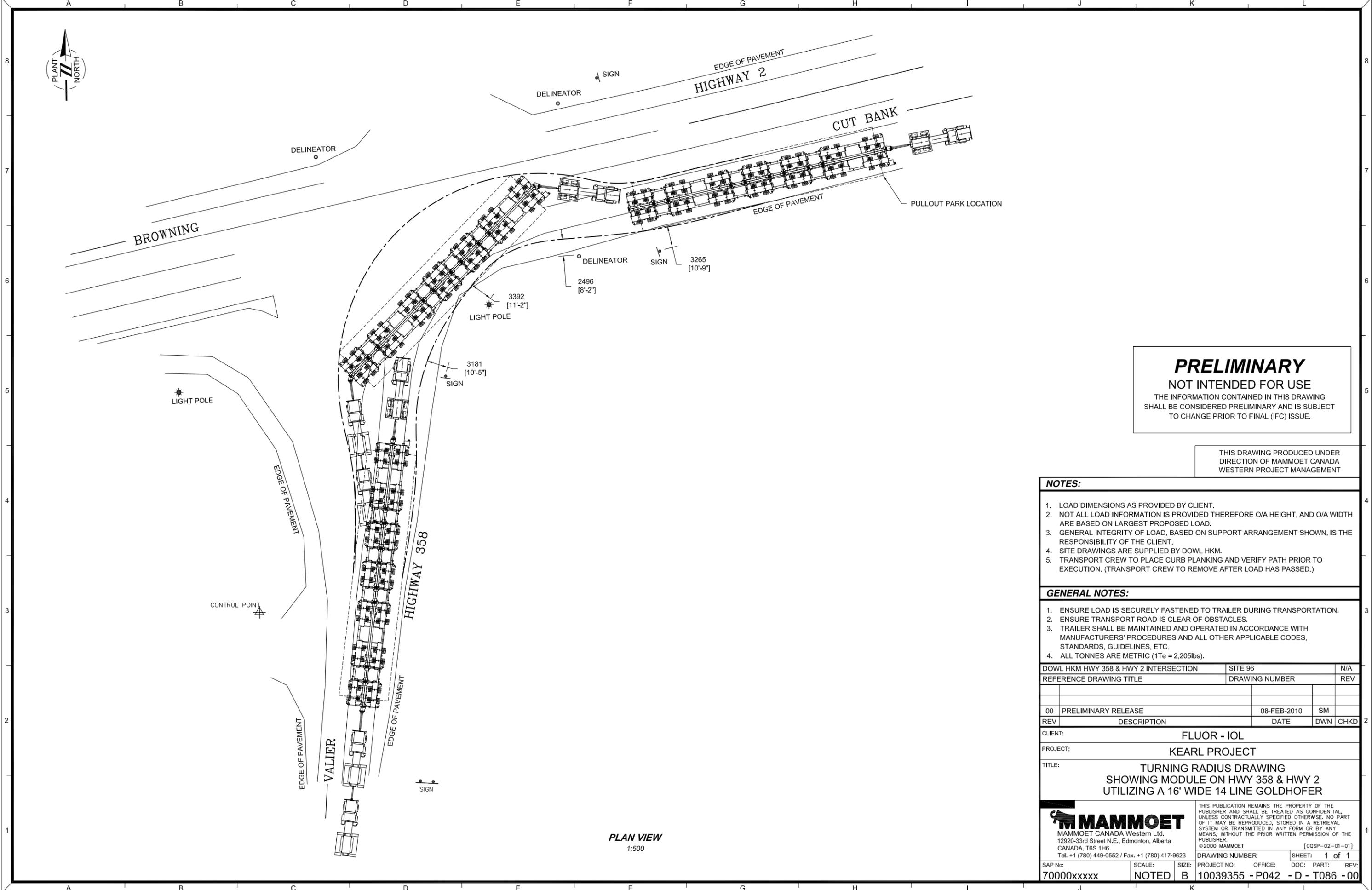
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 DRAWING NUMBER: 10039355 - P042 - D - T075 - 01  
 SHEET: 1 of 1

SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC:	PART:	REV:
	NOTED	B	10039355 - P042 - D - T075 - 01				



12.16 10039355-P042-D-T086.....Jct MT 358 & U.S. 2



PLAN VIEW  
1:500

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  - NOT ALL LOAD INFORMATION IS PROVIDED THEREFORE O/A HEIGHT, AND O/A WIDTH ARE BASED ON LARGEST PROPOSED LOAD.
  - GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
- ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  - TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  - ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM HWY 358 & HWY 2 INTERSECTION	SITE 96	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

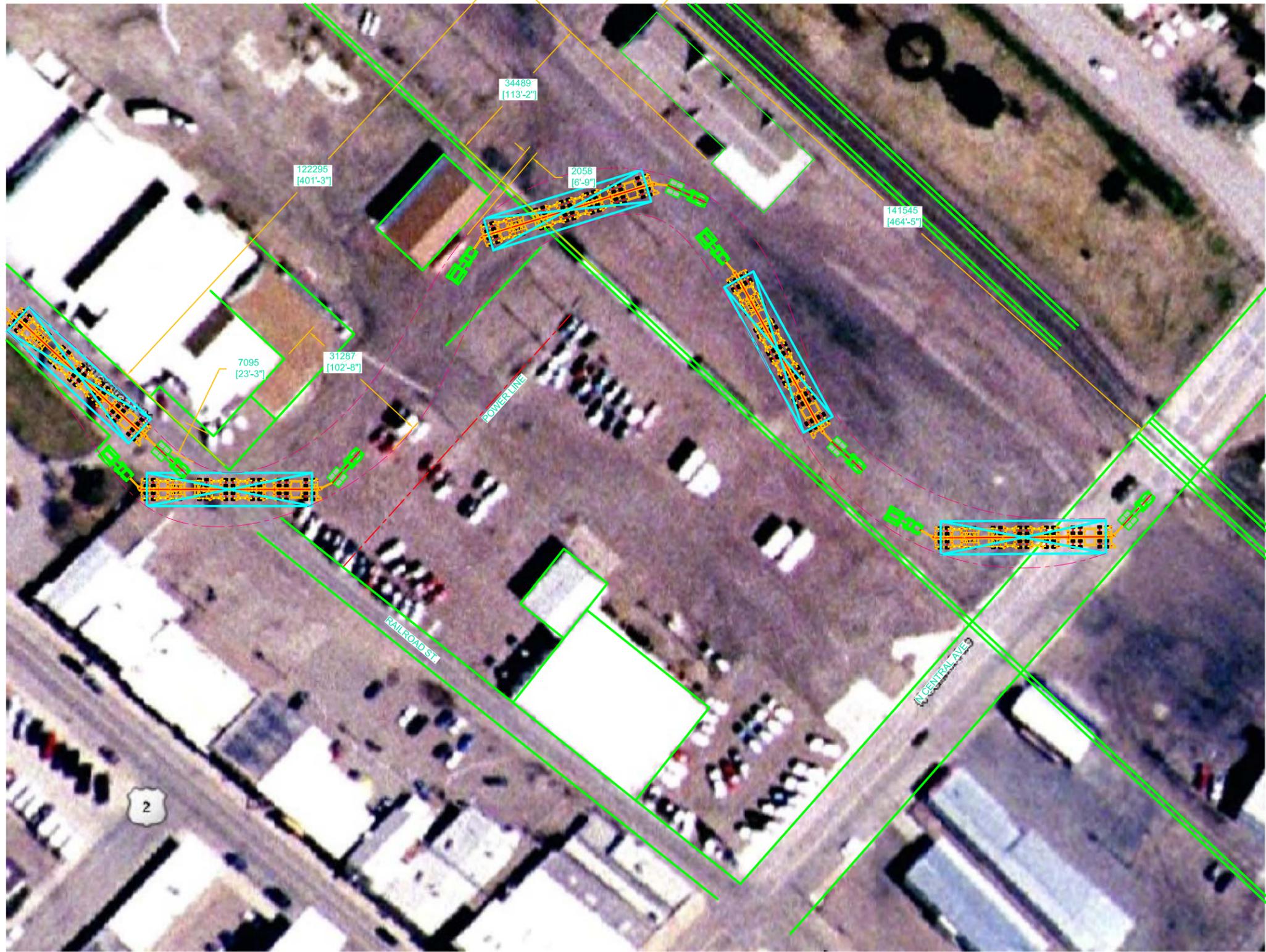
CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING  
SHOWING MODULE ON HWY 358 & HWY 2  
UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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7000xxxxxx	NOTED	B	10039355 - P042	D -	T086	-	00



12.17 10039355-P042-D-T102.....BNSF Lease to N. Central Avenue



PLAN VIEW  
1:1000

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  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWING IS SUPPLIED BY GOOGLE MAPS.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

- GENERAL NOTES:**
1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

GOOGLE MAPS BNSF LEASE - CUT BANK	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	FEB 21, 2010	SJG
REV	DESCRIPTION	DATE DWN CHKD

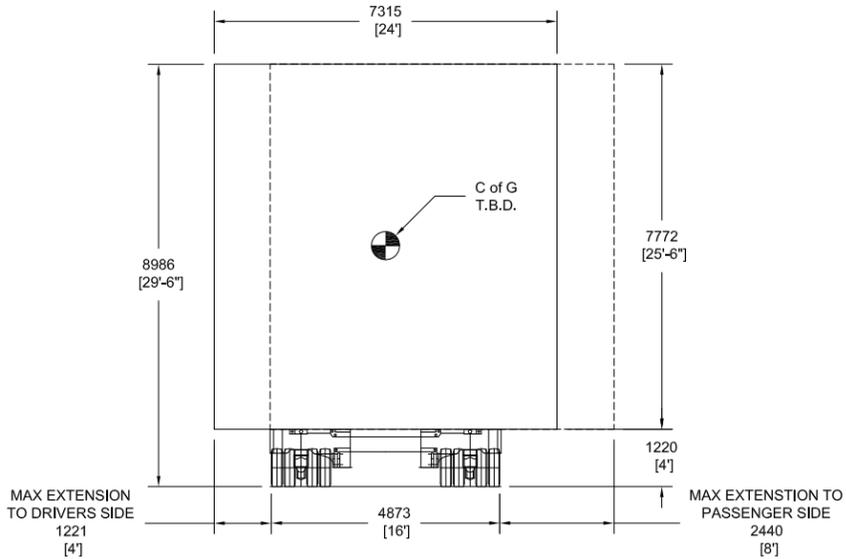
CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING SHOWING  
MODULE ON BNSF LEASE AND N. CENTRAL AVE  
UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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	DRAWING NUMBER	SHEET: 1 of 1					
SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC:	PART:	REV:
70000xxxxx	NOTED	B	10039355 - P042	- D	- T102	- 00	

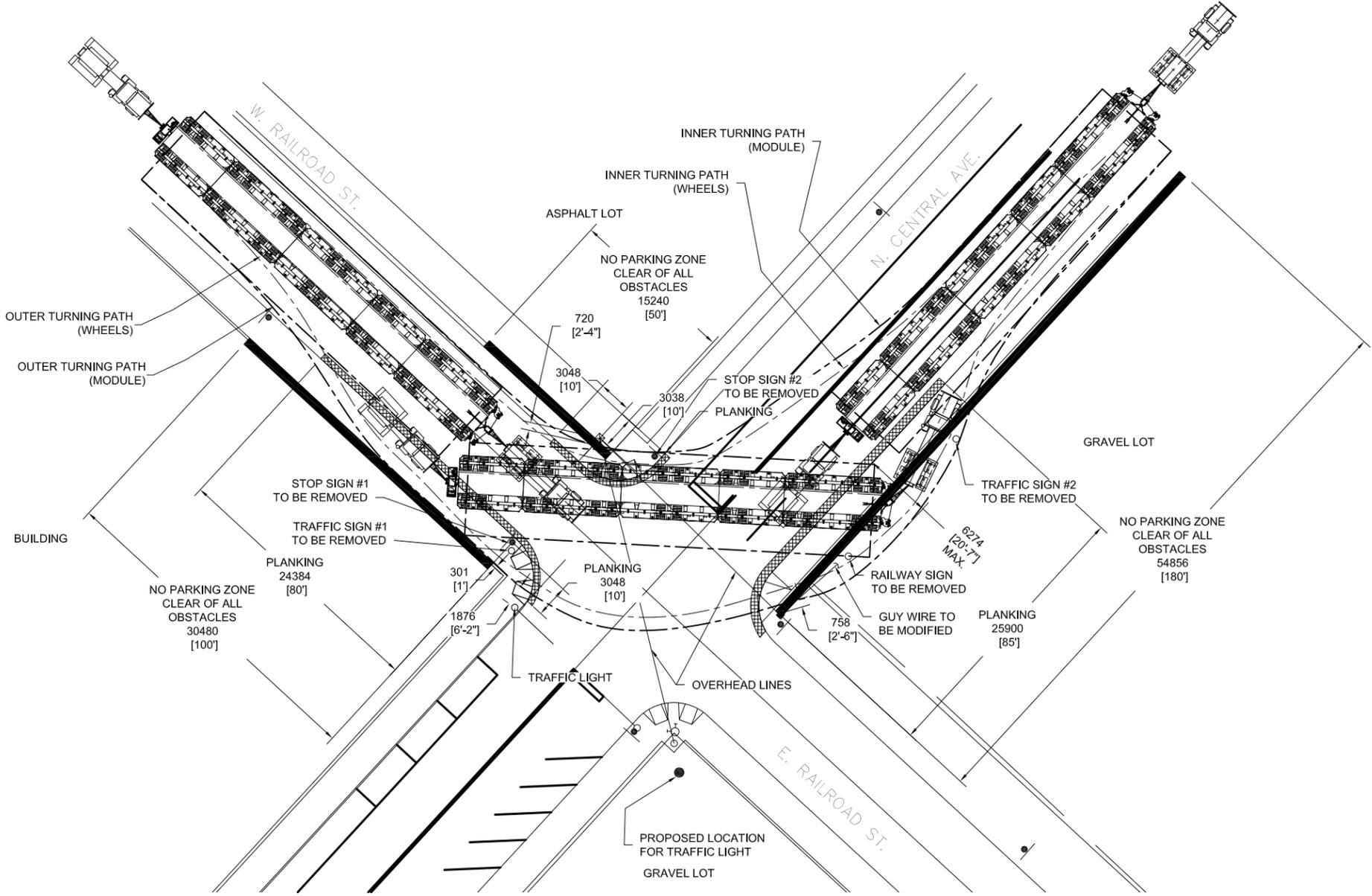


12.18 10039355-P042-D-T076.....Jct W. Railroad Street & N. Central Avenue

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**TRAILER VIEW**  
1:150



**PLAN VIEW**  
1:500

**SCOPE OF WORK BY OTHERS - PRE-TRANSPORT:**

1. OVERHEAD LINES TO BE REMOVED OR CLEARED TO ACCOMMODATE MODULE AT LOADED HEIGHT OF 30'.
2. NO PARKING AGREEMENT ON CENTRAL AVE NORTHBOUND FOR 180' ON THE EAST SIDE OF THE STREET.
3. NO PARKING AGREEMENT ON RAILROAD ST WESTBOUND FOR 50' ON THE NORTH SIDE OF THE STREET AND 100' ON THE SOUTH SIDE OF THE STREET.
4. STOP SIGN #1 & #2, TRAFFIC SIGN #1 & #2 AND RAILWAY SIGN TO HAVE REMOVABLE BASES.
5. GUY WIRE ATTACHED TO POST ON NORTHEAST CORNER TO BE MODIFIED TO ALLOW TRANSPORT TO PASS.

**SCOPE OF WORK BY TRANSPORT CREW - DURING TRANSPORT:**

1. ENSURE NO PARKING ZONE IS CLEAR OF PARKED CARS.
2. STOP SIGNS TRAFFIC SIGNS AND RAILWAY SIGNS TO BE REMOVED TO CLEAR LOAD AND REPLACED ONCE CLEARED.
3. CURB PLANKING TO BE PLACED ON THE SOUTHWEST CORNER EXTENDING 80' WESTBOUND AND 10' SOUTHBOUND AS SHOWN.
4. CURB PLANKING TO BE PLACED ON THE NORTHWEST CORNER EXTENDING 10' WESTBOUND AND 10' NORTHBOUND.
5. CURB PLANKING TO BE PLACED ON THE NORTHEAST CORNER EXTENDING 85' NORTHBOUND AND EVEN WITH THE STOP SIGN IN EASTBOUND.
6. ALL PLANKING TO BE REMOVED AFTER TRANSPORT.

**NOTES:**

1. LARGEST PROPOSED LOAD DIMENSIONS AS PROVIDED BY CLIENT ARE 122'-5" x 24' x 25'-6".
2. O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGEST PROPOSED LOAD WITH MAXIMUM EXTENSION OF 4' TO DRIVERS SIDE AND 8' TO PASSENGER SIDE.
3. REFER TO DWG 10039355-P042-D-T040-07 FOR TRAILER AND MODULE ASSEMBLY WITH LARGEST PROPOSED LOAD AND MAXIMUM MODULE COG OFFSETS.
4. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
5. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION AS PER MAMMOET STABILITY AND LASHING GUIDELINE TP 06 EN-REV02.
6. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES AS PER TRANSPORTATION PLAN.

**GENERAL NOTES:**

1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
4. ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

DOWL HKM CUTBANK INTERSECTION	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
01 REVISED TURN AND ADDED SCOPE OF WORK	09-JUN-2010	SJG SRB
00 PRELIMINARY RELEASE	03-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TURN RADIUS DWG SHOWING MODULE IN CUT BANK CHRYSTLER CORNER (RAILROAD ST. & CENTRAL AVE) ON A 16' WIDE 14 LINE HYDRAULIC PLATFORM TRAILER**

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DRAWING NUMBER: **10039355 - P042 - D - T076 - 01**  
 SHEET: **1 of 1**

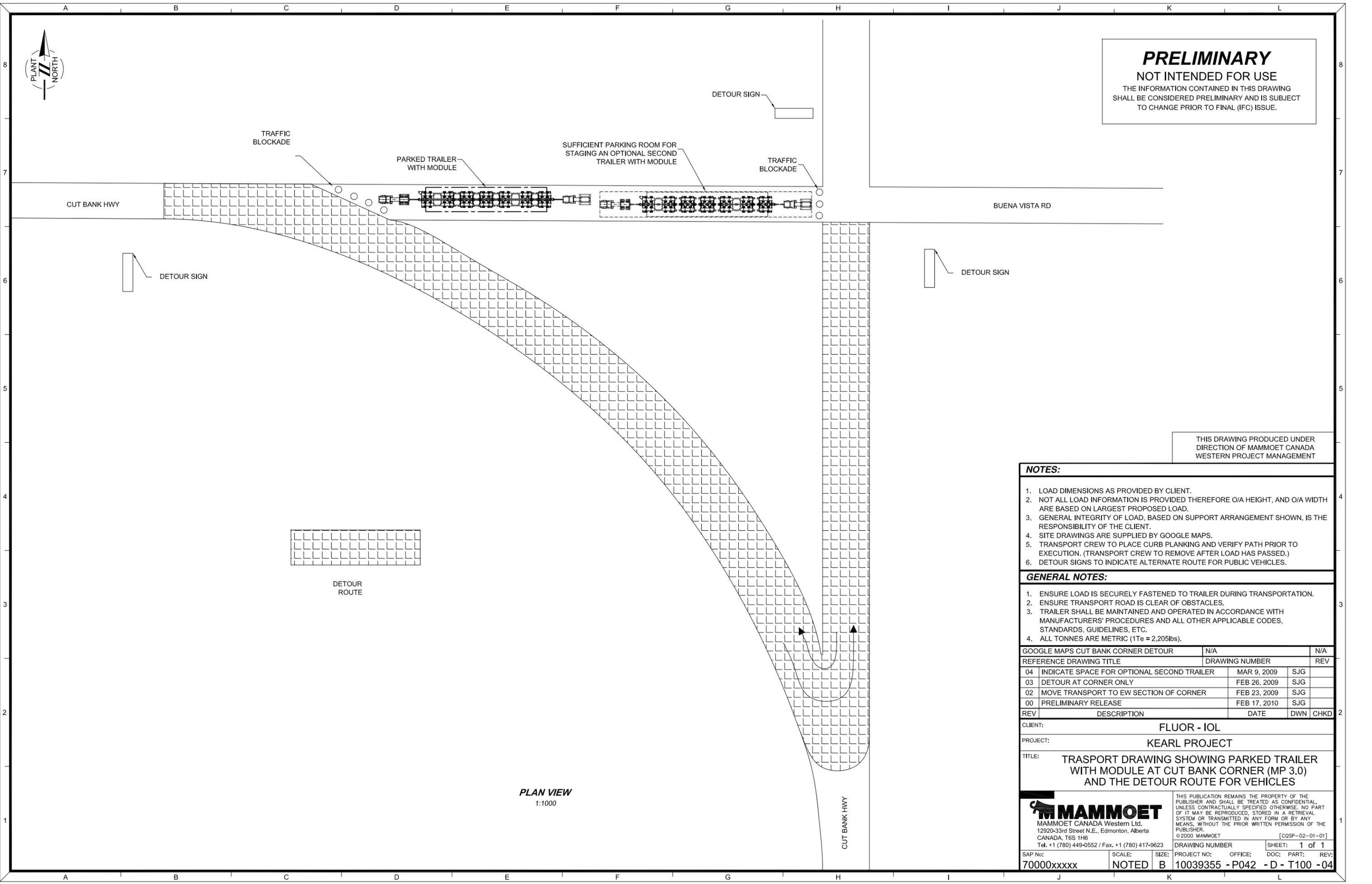
SAP No: **NOTED** SCALE: **B** PROJECT NO: **10039355 - P042 - D - T076 - 01** OFFICE: **B** DOC: **B** PART: **B** REV: **B**



12.19 10039355-P042-D-T100.....Long Vehicle Traffic Detour



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  - SITE DRAWINGS ARE SUPPLIED BY GOOGLE MAPS.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)
  - DETOUR SIGNS TO INDICATE ALTERNATE ROUTE FOR PUBLIC VEHICLES.

- GENERAL NOTES:**
- ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  - TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  - ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

GOOGLE MAPS CUT BANK CORNER DETOUR	N/A	N/A		
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV		
04 INDICATE SPACE FOR OPTIONAL SECOND TRAILER	MAR 9, 2009	SJG		
03 DETOUR AT CORNER ONLY	FEB 26, 2009	SJG		
02 MOVE TRANSPORT TO EW SECTION OF CORNER	FEB 23, 2009	SJG		
00 PRELIMINARY RELEASE	FEB 17, 2010	SJG		
REV	DESCRIPTION	DATE	DWN	CHKD

CLIENT: **FLUOR - IOL**  
 PROJECT: **KEARL PROJECT**  
 TITLE: **TRASPORT DRAWING SHOWING PARKED TRAILER WITH MODULE AT CUT BANK CORNER (MP 3.0) AND THE DETOUR ROUTE FOR VEHICLES**

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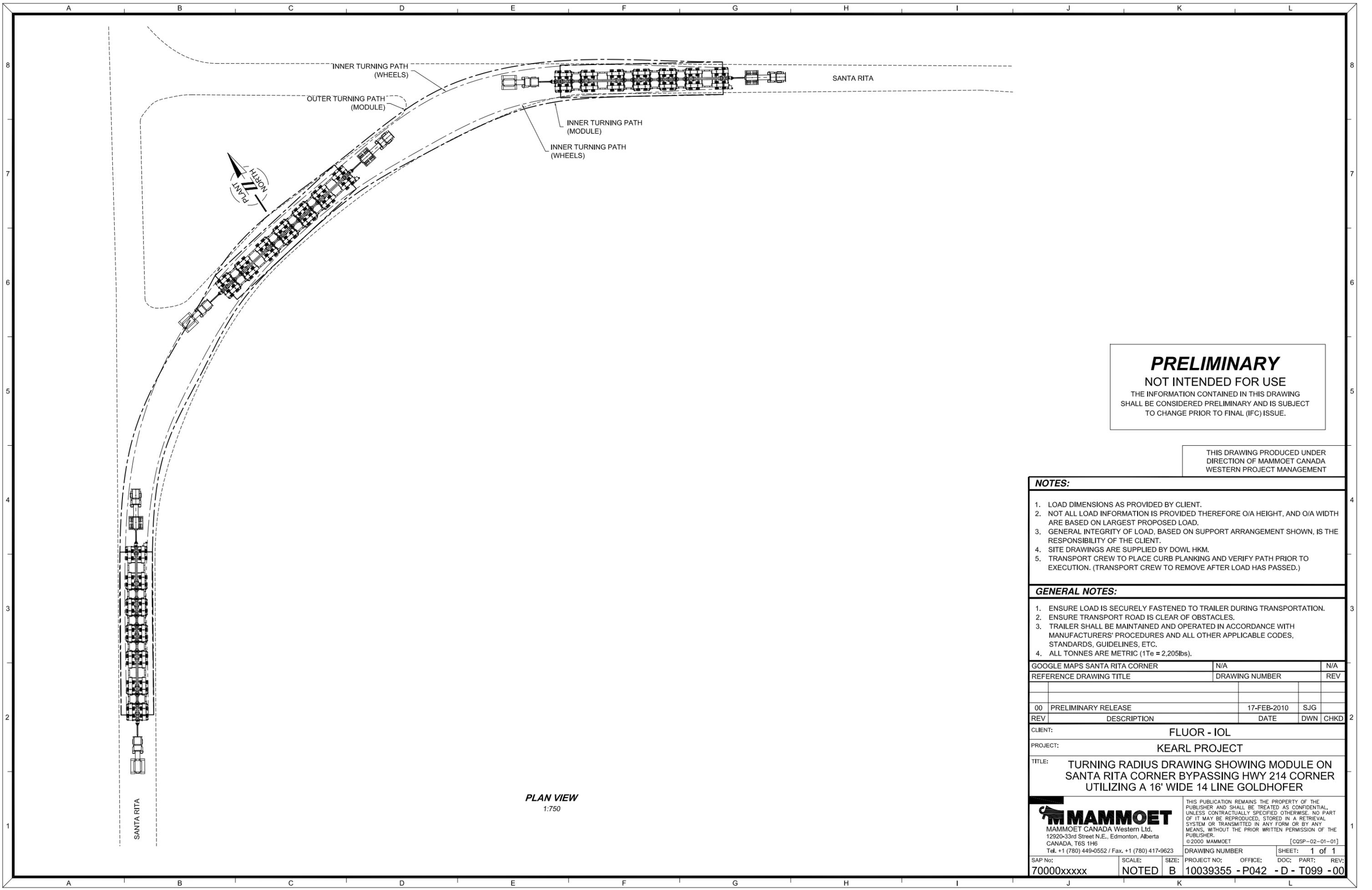
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SAP No:	SCALE:	SIZE:	PROJECT NO:	OFFICE:	DOC:	PART:	REV:
70000xxxxx	NOTED	B	10039355 - P042	- D -	T100	- 04	

**PLAN VIEW**  
 1:1000



12.20 10039355-P042-D-T099.....Jct Santa Rita & Losing Rd



**PLAN VIEW**  
1:750

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  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)

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- ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
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  - ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

GOOGLE MAPS SANTA RITA CORNER	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	17-FEB-2010	SJG
REV	DESCRIPTION	DATE
	DWN	CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING SHOWING MODULE ON SANTA RITA CORNER BYPASSING HWY 214 CORNER UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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	DRAWING NUMBER	SHEET: 1 of 1
SAP No: 70000xxxxx	SCALE: NOTED	SIZE: B
PROJECT NO: 10039355 - P042	OFFICE: - D -	DOC: T099 - 00



12.21 10039355-P042-D-T091.....Curve #1 @ Sweet Grass Border Crossing W. of Interstate 15



SWEETGRASS

LOOP RD

2nd ST.

CUT BANK

LOOP RD - 3rd AVE.

REST STOP

PLAN VIEW  
1:500

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  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. TRANSPORT CREW TO REMOVE ONCE LOAD HAS PASSED.

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  - ALL TONNES ARE METRIC (1Te = 2,205lbs).

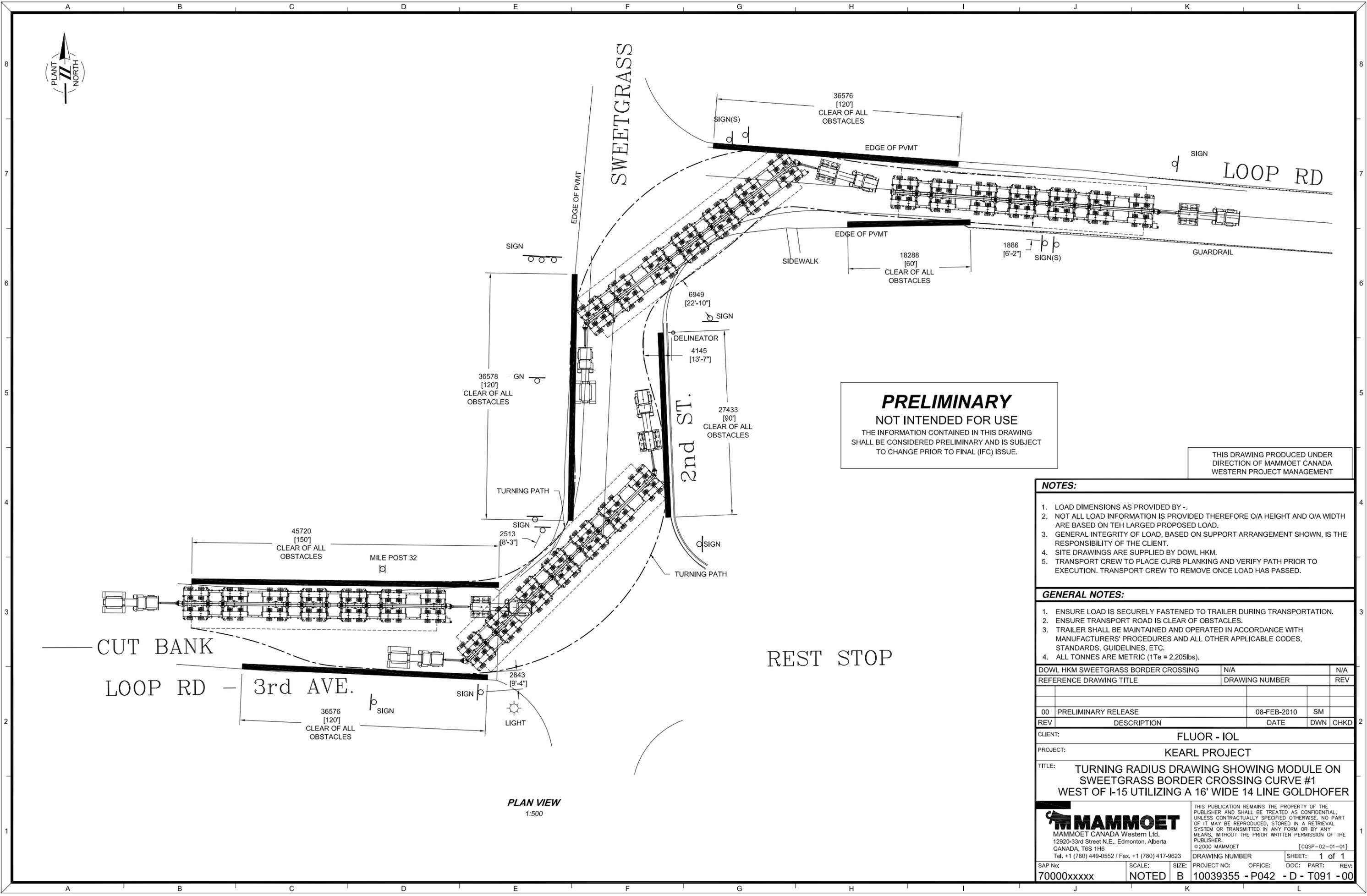
DOWL HKM SWEETGRASS BORDER CROSSING	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING SHOWING MODULE ON SWEETGRASS BORDER CROSSING #1 WEST OF I-15 UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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DRAWING NUMBER: SHEET: 1 of 1  
SAP No: 70000xxxxx SCALE: NOTED SIZE: B PROJECT NO: 10039355 - P042 OFFICE: - D - T091 REV: 00

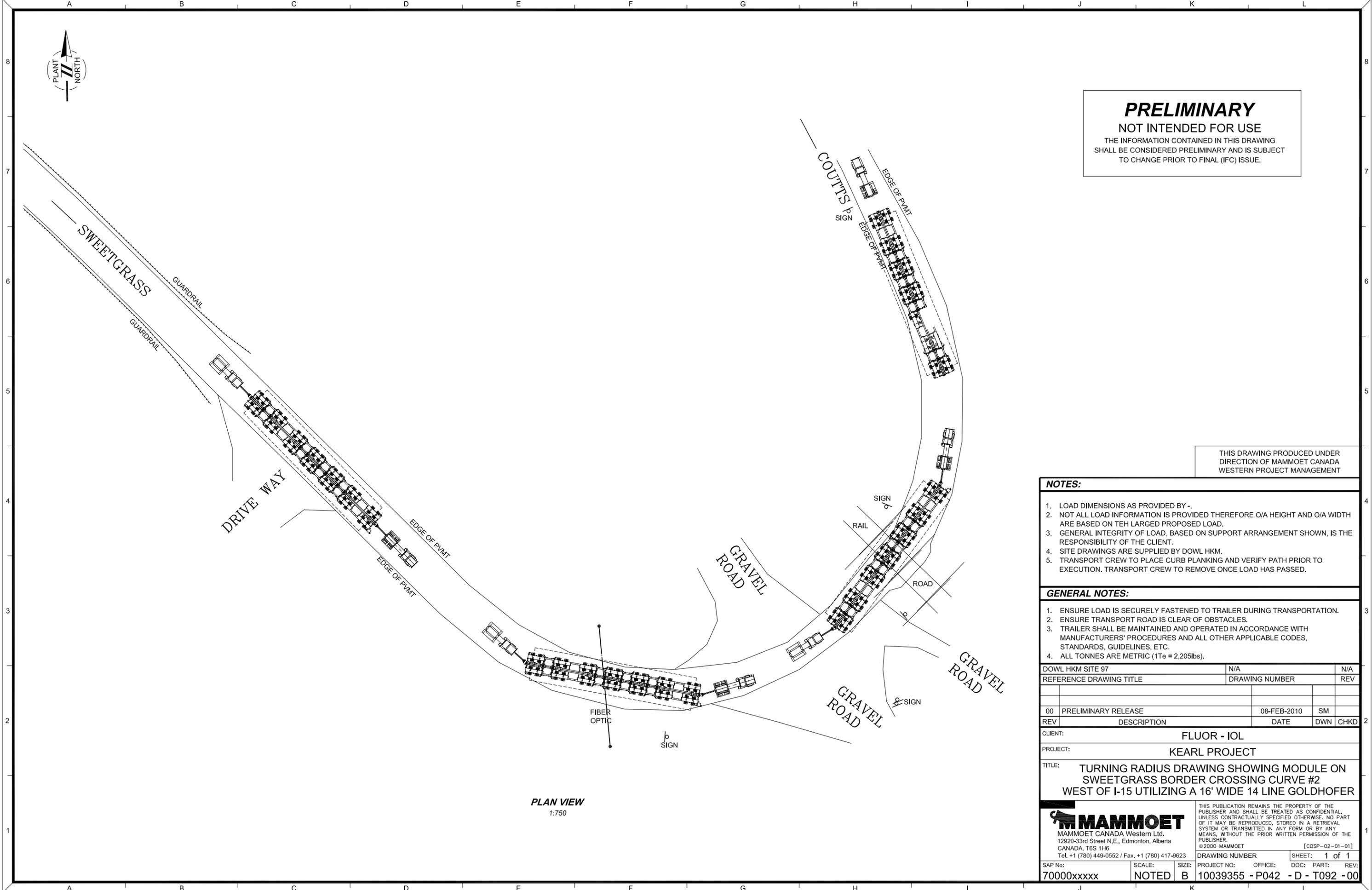




12.22 10039355-P042-D-T092.....Curve #2 @ Sweet Grass Border Crossing W. of Interstate 15



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  3. GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  4. SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  5. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. TRANSPORT CREW TO REMOVE ONCE LOAD HAS PASSED.

- GENERAL NOTES:**
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  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1T<sub>e</sub> = 2,205lbs).

DOWL HKM SITE 97	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: **FLUOR - IOL**

PROJECT: **KEARL PROJECT**

TITLE: **TURNING RADIUS DRAWING SHOWING MODULE ON SWEETGRASS BORDER CROSSING CURVE #2 WEST OF I-15 UTILIZING A 16' WIDE 14 LINE GOLDHOFER**

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SAP No: 7000xxxxxx	SCALE: NOTED	SIZE: B	PROJECT NO: 10039355 - P042	OFFICE: DOC: PART: REV:	SHEET: 1 of 1

**PLAN VIEW**  
1:750



12.23 10039355-P042-D-T094.....Curve #2 @ Sweet Grass Border Crossing E. of Interstate 15



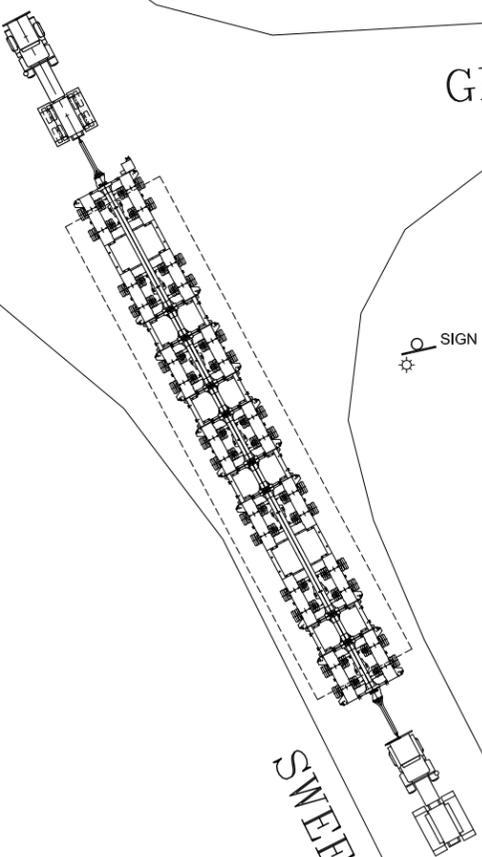
CANADA  
U.S.A.

COURT'S

GRAVEL ROAD

GRAVEL ROAD

SWEETGRASS



PLAN VIEW  
1:500

**PRELIMINARY**  
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THE INFORMATION CONTAINED IN THIS DRAWING  
SHALL BE CONSIDERED PRELIMINARY AND IS SUBJECT  
TO CHANGE PRIOR TO FINAL (IFC) ISSUE.

THIS DRAWING PRODUCED UNDER  
DIRECTION OF MAMMOET CANADA  
WESTERN PROJECT MANAGEMENT

- NOTES:**
- LOAD DIMENSIONS AS PROVIDED BY -.
  - NOT ALL LOAD INFORMATION IS PROVIDED THEREFORE O/A HEIGHT AND O/A WIDTH ARE BASED ON THE LARGED PROPOSED LOAD.
  - GENERAL INTEGRITY OF LOAD, BASED ON SUPPORT ARRANGEMENT SHOWN, IS THE RESPONSIBILITY OF THE CLIENT.
  - SITE DRAWINGS ARE SUPPLIED BY DOWL HKM.
  - TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. TRANSPORT CREW TO REMOVE ONCE LOAD HAS PASSED.

- GENERAL NOTES:**
- ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  - ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  - TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  - ALL TONNES ARE METRIC (1T = 2,205lbs).

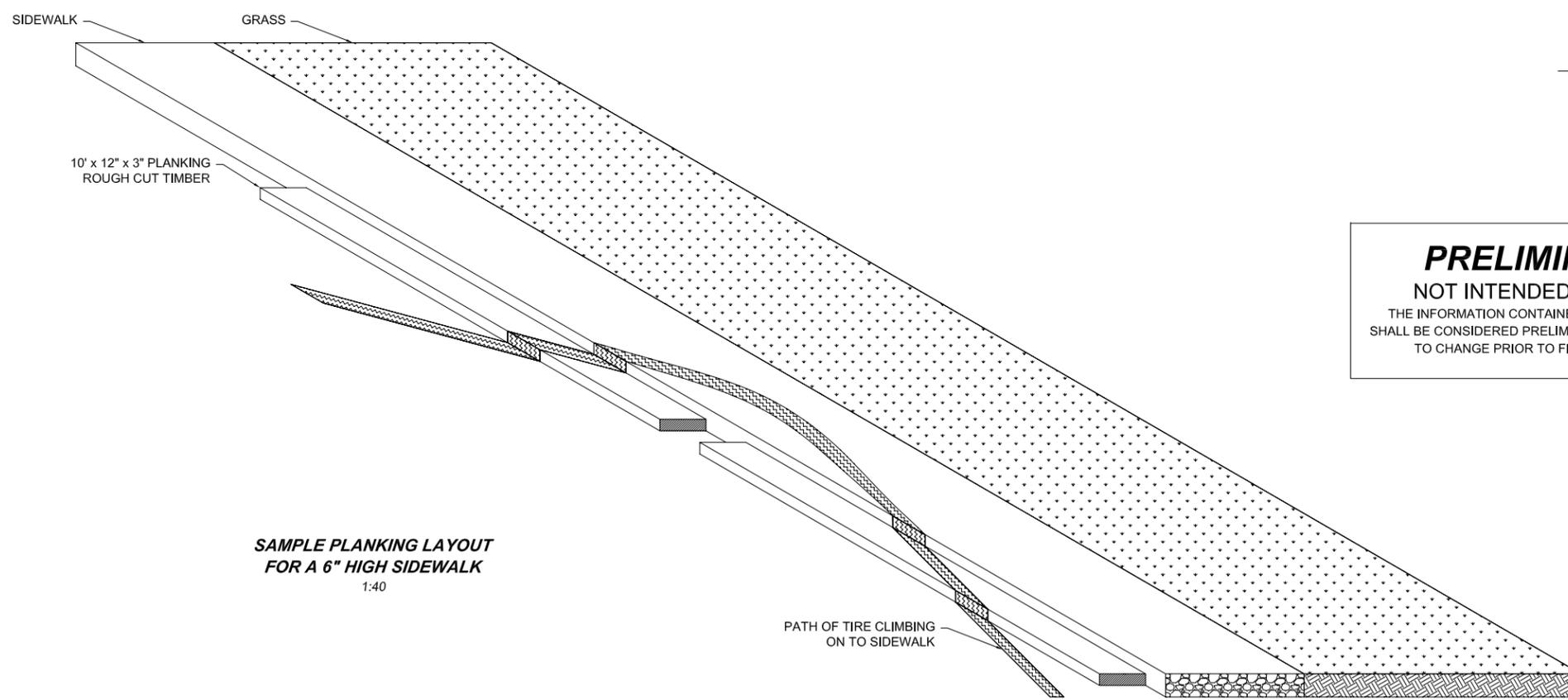
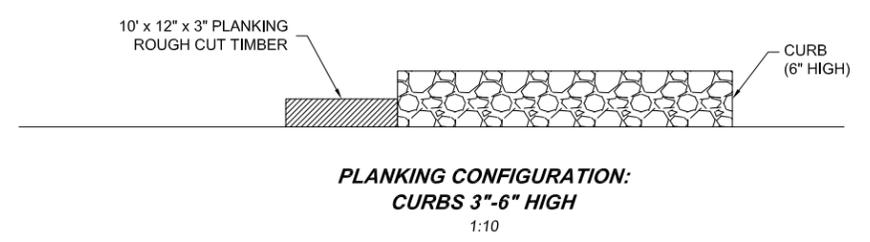
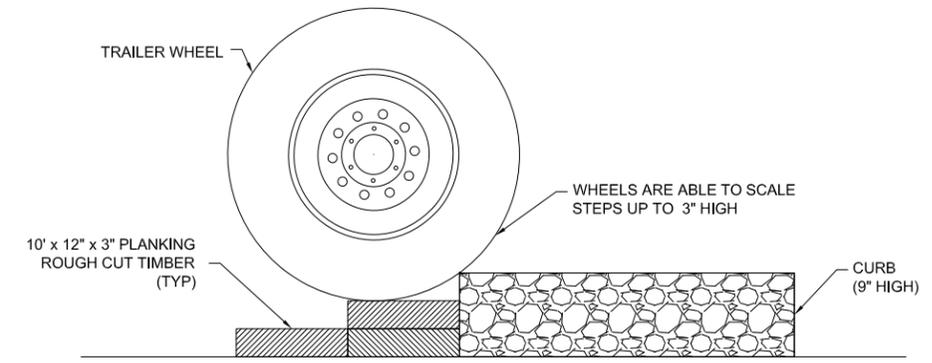
DOWL HKM SITE 97	N/A	N/A
REFERENCE DRAWING TITLE	DRAWING NUMBER	REV
00 PRELIMINARY RELEASE	08-FEB-2010	SM
REV	DESCRIPTION	DATE DWN CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: TURNING RADIUS DRAWING SHOWING MODULE ON SWEETGRASS BORDER CROSSING CURVE #2 EAST OF I-15 UTILIZING A 16' WIDE 14 LINE GOLDHOFER

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<p>SAP No: 70000xxxxx</p>	<p>SCALE: NOTED</p>	<p>SIZE: B</p>
<p>PROJECT NO: 10039355</p>	<p>OFFICE: -P042</p>	<p>DOC. PART: -D - T094 - REV: -00</p>



12.24 10039355-P042-D-T105.....Curb Planking w/ Isometric View



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- NOTES:**
1. GENERAL INTEGRITY OF LOAD IS THE RESPONSIBILITY OF THE CLIENT.
  2. TRANSPORT CREW TO PLACE CURB PLANKING AND VERIFY PATH PRIOR TO EXECUTION. (TRANSPORT CREW TO REMOVE AFTER LOAD HAS PASSED.)
  3. CURB PLANKING USED IS 10' x 12" x 3" ROUGH CUT TIMBER.
  4. TIRES ARE CAPABLE OF SCALING STEPS UP TO 3" IN HEIGHT BEFORE PLANKING IS REQUIRED.

- GENERAL NOTES:**
1. ENSURE LOAD IS SECURELY FASTENED TO TRAILER DURING TRANSPORTATION.
  2. ENSURE TRANSPORT ROAD IS CLEAR OF OBSTACLES.
  3. TRAILER SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURERS' PROCEDURES AND ALL OTHER APPLICABLE CODES, STANDARDS, GUIDELINES, ETC.
  4. ALL TONNES ARE METRIC (1Te = 2,205lbs).

DOWL HKM U.S 12 & U.S 93 INTERSECTION		N/A	N/A
REFERENCE DRAWING TITLE		DRAWING NUMBER	REV
01	PLANKING SAMPLE VIEW ISOMETRIC VIEW ADDED	MAR 9, 2010	SJG
00	PRELIMINARY RELEASE	MAR 9, 2010	SJG
REV	DESCRIPTION	DATE	DWN CHKD

CLIENT: FLUOR - IOL  
PROJECT: KEARL PROJECT  
TITLE: CURB PLANKING DRAWING SHOWING MODULE TRAILER CLIMBING CURBS UTILIZING 3" x 12" x 10' ROUGH CUT TIMBER

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SAP No: 70000xxxxx SCALE: NOTED SIZE: B PROJECT NO: 10039355 - P042 - D - T106 - 01 OFFICE: DOC: PART: REV: