

LTM1400-7.1 ALL TERRAIN CRANE
 84' MAIN BOOM[46+46+0+0+]@ 82°
 161' LUFFING JIB
 220,500 LBS CTWT
 FULL OUTRIGGERS
 360° CHART

LIFT OF #4A, COLUMN 2
 PICK WEIGHT: 35,000 LBS
 HOOK BALL: 1,885 LBS
 RIGGING: 355 LBS
 LOAD LINE: 830 LBS
 TOTAL WEIGHT: 38,070 LBS

CAPACITY @ 117'-10": 65,400 LBS
 PERCENT CAPACITY: 58.2%

LIFT OF #4, BRIDGE SECTION
 PICK WEIGHT: 44,000 LBS
 HOOK BALL: 1,885 LBS
 RIGGING: 355 LBS
 LOAD LINE: 830 LBS
 TOTAL WEIGHT: 47,070 LBS

CAPACITY @ 111'-8": 66,000 LBS
 PERCENT CAPACITY: 71.3%

LIFT OF #5, BRIDGE SECTION
 PICK WEIGHT: 27,000 LBS
 HOOK BALL: 1,885 LBS
 RIGGING: 355 LBS
 LOAD LINE: 830 LBS
 TOTAL WEIGHT: 30,070 LBS

CAPACITY @ 107'-10": 66,000 LBS
 PERCENT CAPACITY: 45.6%

PRELIMINARY ONLY

ENTER OF PICK #6

ENTER OF PICK #4

& 4A

BRIDGE

CENTER OF PICK #5

SECTION ALREADY SET

MR. CRANE

LIFTING AND RIGGING SOLUTIONS
 647 NORTH HARITON STREET . ORANGE, CALIFORNIA 92868-1311
 PHONE: 714/633-2100 FAX: 714/633-6901
 FED I.D. NO. 95-3007071 A California Corporation

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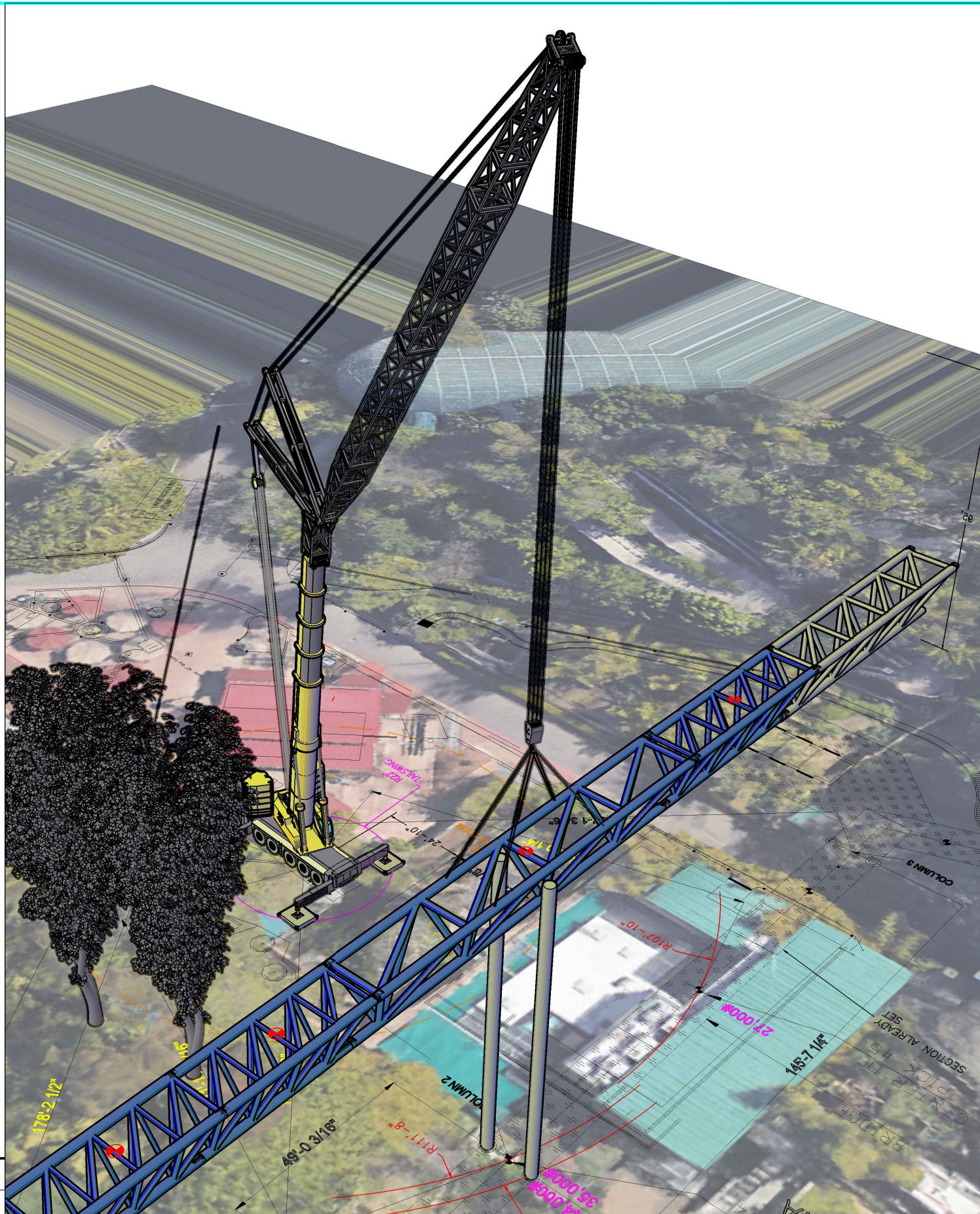
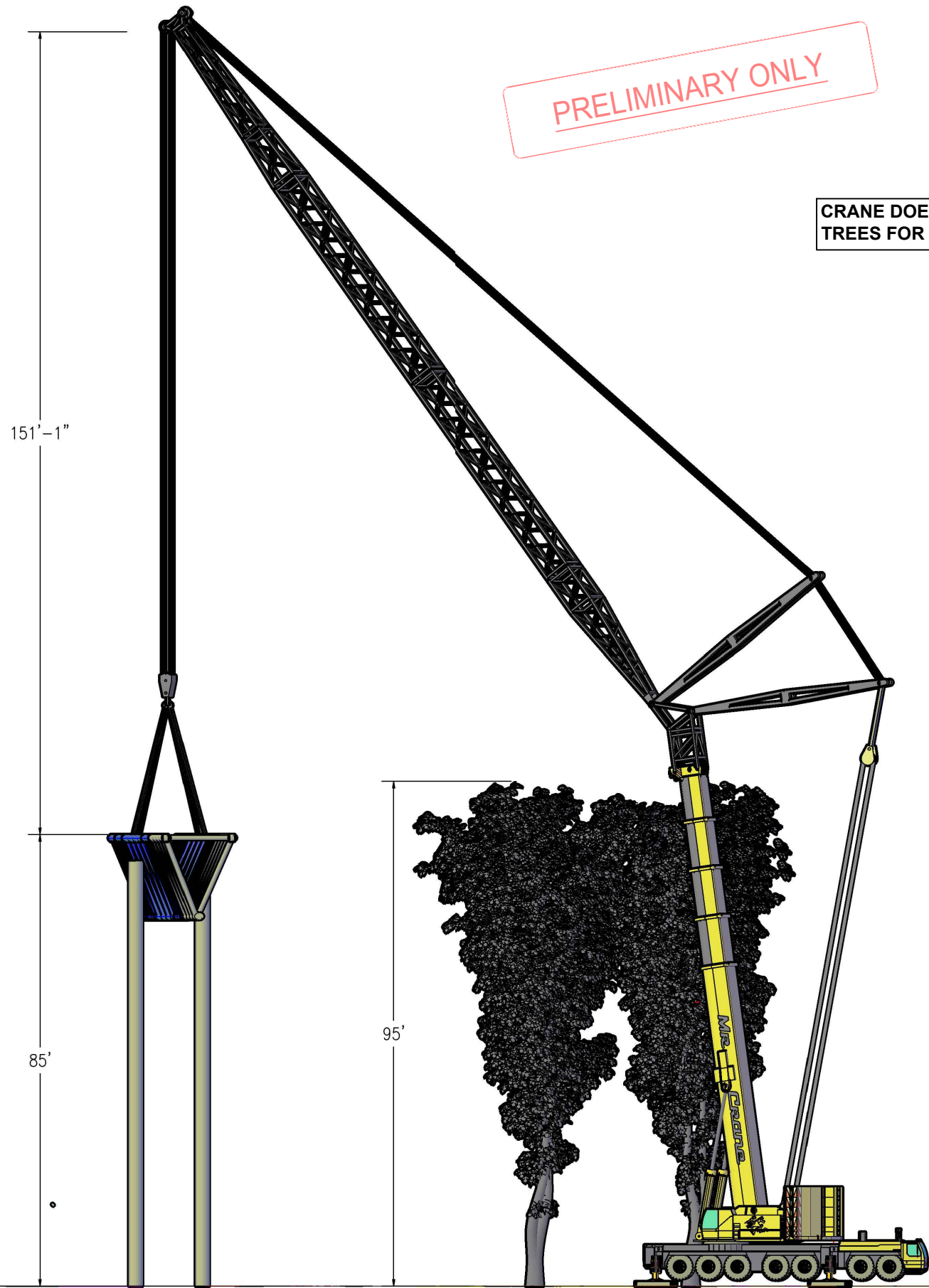
No.	Date	Revision
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Project: SAN DIEGO ZOO BRIDGE LIFTS LIFTS 4A, 4, AND 5 CRANE PLAN
 Date: 3.14.17 Drawn By: MS Scale: NTS

Dwg Title: LTM1400-7.1 ALL TERRAIN CRANE 84' MAIN BOOM 161' LUFFING JIB 220,500 LBS CTWT, FULL OUTRIGGERS
 Dwg No.: MC27084HL Sht No.: 1

PRELIMINARY ONLY

CRANE DOES NOT LIFT OVER TREES FOR LIFTS 4A, 4, AND 5



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No.	Date	Revision

Project:

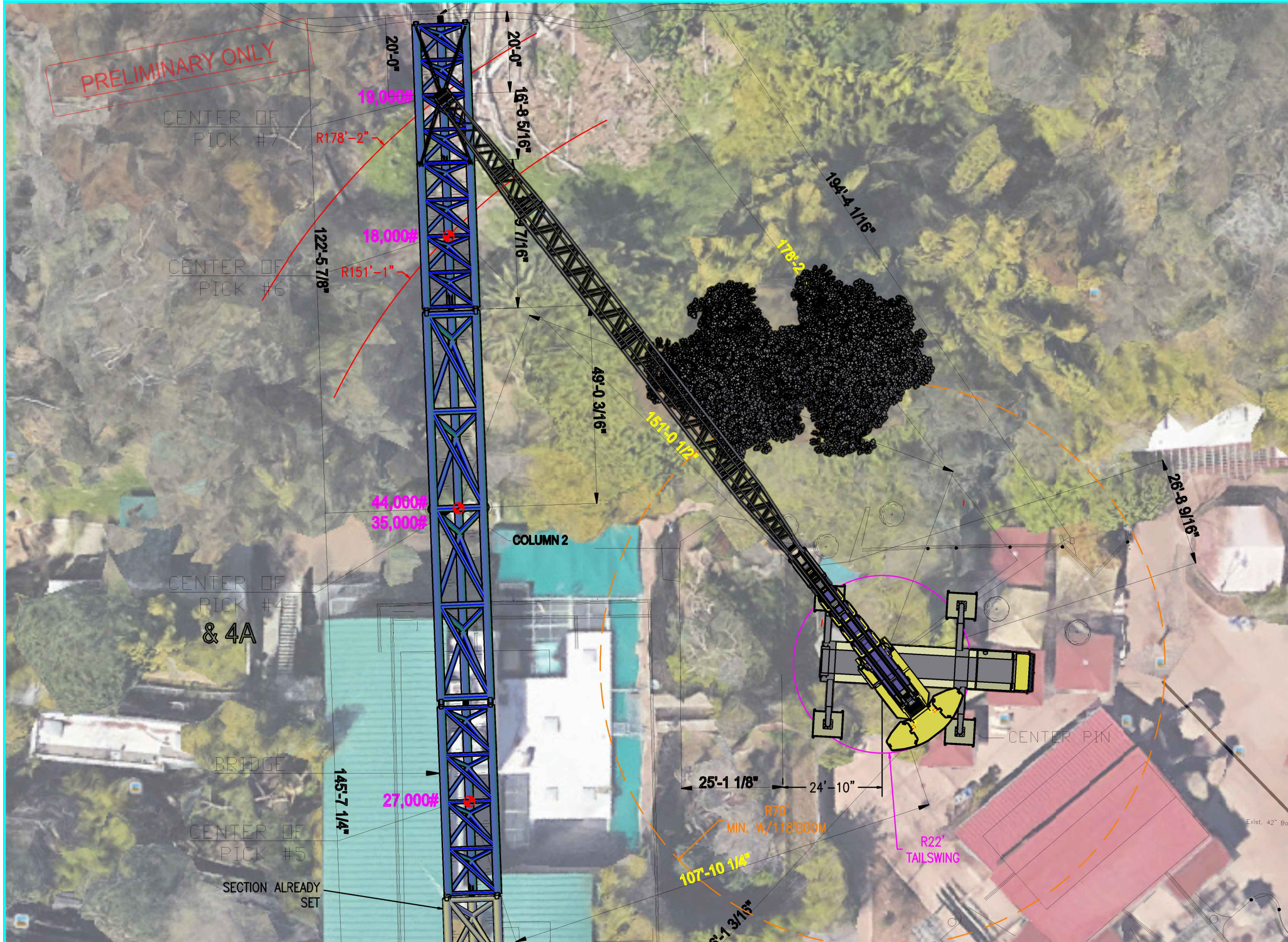
SAN DIEGO ZOO
 BRIDGE LIFTS
 LIFTS 4A, 4, AND 5
 CRANE PLAN

Dwg Title:

LTM1400-7.1 ALL TERRAIN CRANE
 84' MAIN BOOM
 161' LUFFING JIB
 220,500 LBS CTWT, FULL OUTRIGGERS

Date:	3.14.17	Drawn By:	MS	Scale:	NTS	Dwg No.:	MC27084HL	Sht No.:	2
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PRELIMINARY ONLY



LTM1400-7.1 ALL TERRAIN CRANE
 118' MAIN BOOM[46+46+0+0+] @ 75°
 161' LUFFING JIB
 220,500 LBS CTWT
 FULL OUTRIGGERS
 360° CHART

LIFT OF #6, BRIDGE SECTION
 PICK WEIGHT: 18,000 LBS
 HOOK BALL: 1,885 LBS
 RIGGING: 355 LBS
 LOAD LINE: 830 LBS
 TOTAL WEIGHT: 21,070 LBS

CAPACITY @ 151'-1": 38,200 LBS
 PERCENT CAPACITY: 55.2%

LIFT OF #7, BRIDGE SECTION
 PICK WEIGHT: 19,000 LBS
 HOOK BALL: 1,885 LBS
 RIGGING: 355 LBS
 LOAD LINE: 830 LBS
 TOTAL WEIGHT: 22,070 LBS

CAPACITY @ 178'-2": 36,800 LBS
 PERCENT CAPACITY: 60%

MR. CRANE

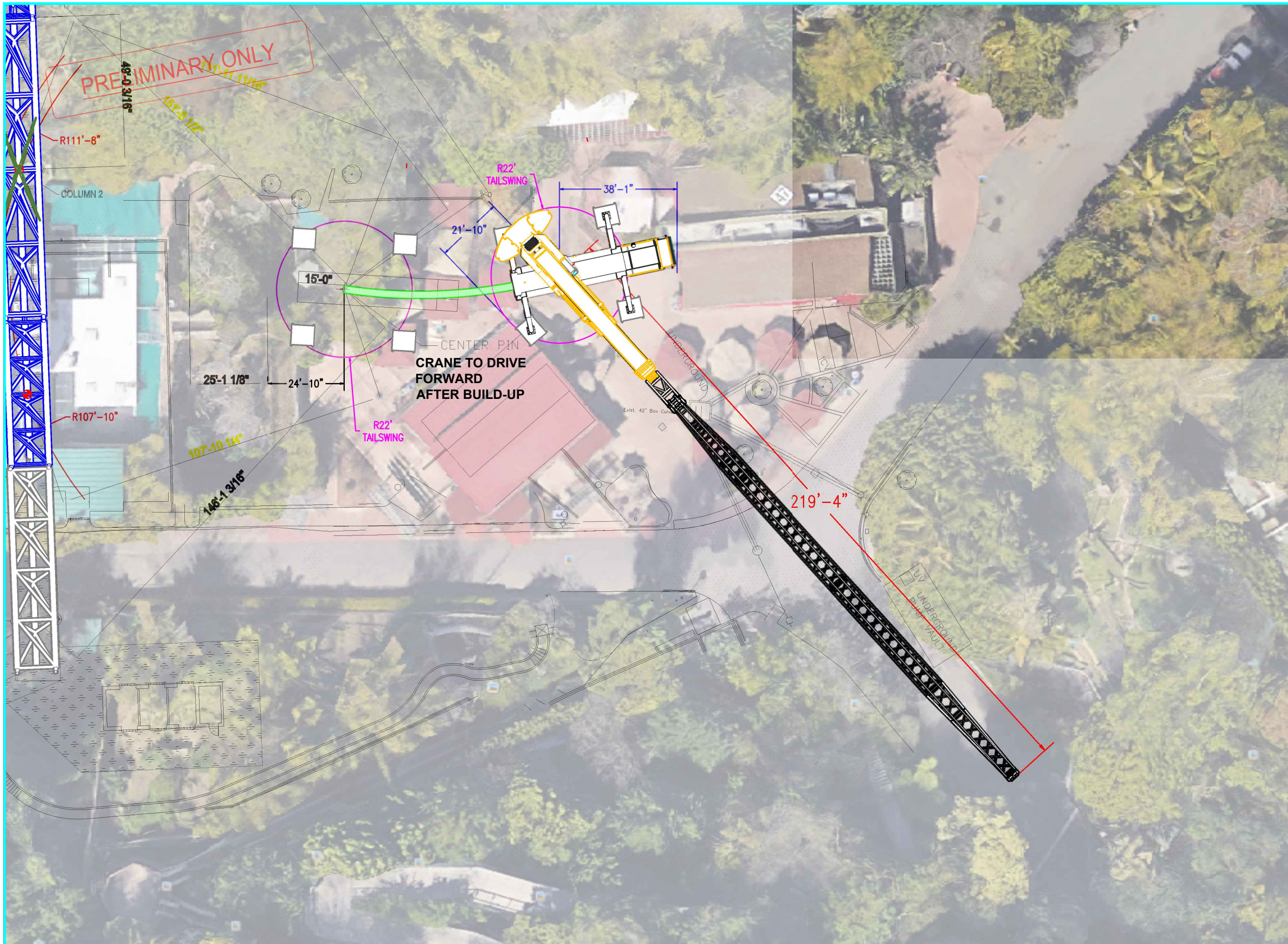
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Project: SAN DIEGO ZOO BRIDGE LIFTS LIFTS 6 & 7 CRANE PLAN
 Date: 3.14.17 Drawn By: MS Scale: NTS

Dwg Title: LTM1400-7.1 ALL TERRAIN CRANE 118' MAIN BOOM 161' LUFFING JIB 220,500 LBS CTWT, FULL OUTRIGGERS
 Dwg No.: MC27084HL Sht No.: 3



LTM1400-7.1 ALL TERRAIN CRANE
 84' -118' MAIN BOOM
 161' LUFFING JIB
 220,500 LBS CTWT
 FULL OUTRIGGERS
 360° CHART

CRANE BUILD-UP SPACE REQUIREMENTS

CENTER PIN
 CRANE TO DRIVE FORWARD AFTER BUILD-UP

MR. CRANE

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Project: **SAN DIEGO ZOO BRIDGE LIFTS CRANE BUILD-UP / TAKE DOWN CRANE PLAN**

Date: 3.14.17 Drawn By: MS Scale: NTS

Dwg Title: **LTM1400-7.1 ALL TERRAIN CRANE 84' -118' MAIN BOOM 161' LUFFING JIB 220,500 LBS CTWT, FULL OUTRIGGERS**

Dwg No.: MC27084HL Sht No.: 5