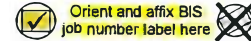




DS1: Demolition Submittal Certification Form

Must be typewritten.



440302717

Demolition drawings must be submitted along with this form.

BIS Document No., required: 01

1 Location Information Required for all certifications.

House No(s) 348

Street Name Beach 87 St.

Borough Queens

Floor(s) OSP, 001, 002, 003, ATT

2 Preparer Information Required for all certifications.

Check all that apply: ☐ PW1 Applicant ☐ P.E./R.A. Other Than PW1 Applicant

Last Name RAMIREZ

First Name RICHARD

Middle Initial P

Business Name RICHARD PETER RAMIREZ, LLC.

Business Telephone (732) 831-0152

Business Address 964 FISCHER BOULEVARD

Business Fax () -

City TOMS RIVER

State NJ

Zip 08753

Mobile Telephone () -

License Type



P.E.



R.A.



Other:

License Number 095757

3 Demolition Description and Certification Required prior to permit. Subsequent revisions must be submitted to the Department.

Indicate Submittal Type: ☒ Initial submittal ☐ Supersede existing submittal(s) - indicate scan code(s) of DS1 being superseded below
Scan Code(s):

3A Demolition Type: ☐ Full Demolition (DM) ☒ Partial Demolition (Alteration)

3B Demolition work will involve, per BC 3306.5 (authorized preparers indicated in parenthesis): Check all that apply

☒ Non-mechanical demolition means and methods **only** (P.E. or R.A. only) - **stop and proceed the section 3C**

☐ Use of hand-held mechanical equipment (P.E. or R.A. only)

☐ Work on interior of building

☐ Use of other than hand-held mechanical equipment (P.E. or R.A. only)

☐ Work on exterior of building

☒ Raising and/or moving of a building

General description of the type(s) of mechanical demolition equipment used:

3C If superseding a previous plan submittal, indicate scan code(s) of the A11: (Note: any revisions/additions/deletions to the original plan submission must be accompanied by an A11 form detailing all the plan changes)

3D Statement by demolition document preparer:

I have prepared the attached demolition submittal documents in accordance with BC 3306 and certify that they are in compliance.

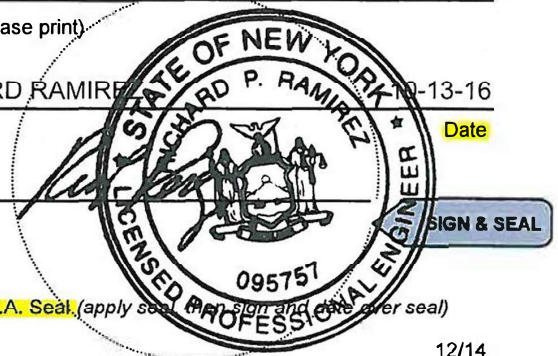
I hereby state that all of the above information is correct and complete to the best of my knowledge. Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

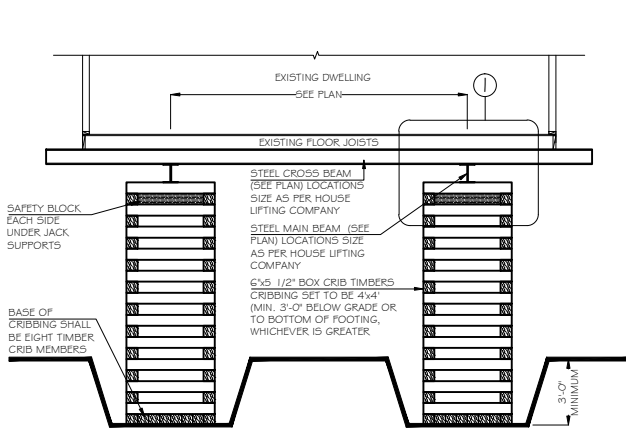
RICHARD RAMIREZ

Signature

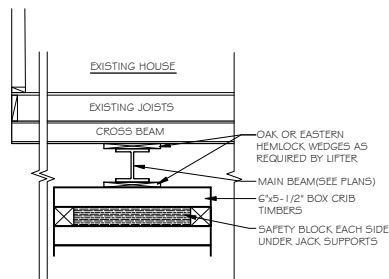
Date



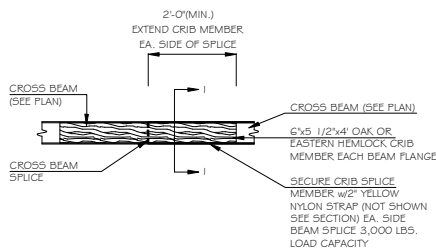
P.E./R.A. Seal (apply seal over signature and date over seal)



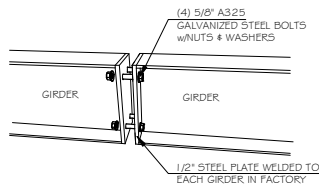
A SECTION
NOT TO SCALE



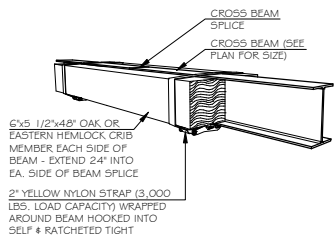
1 DETAIL
NOT TO SCALE



OPTION A



OPTION B

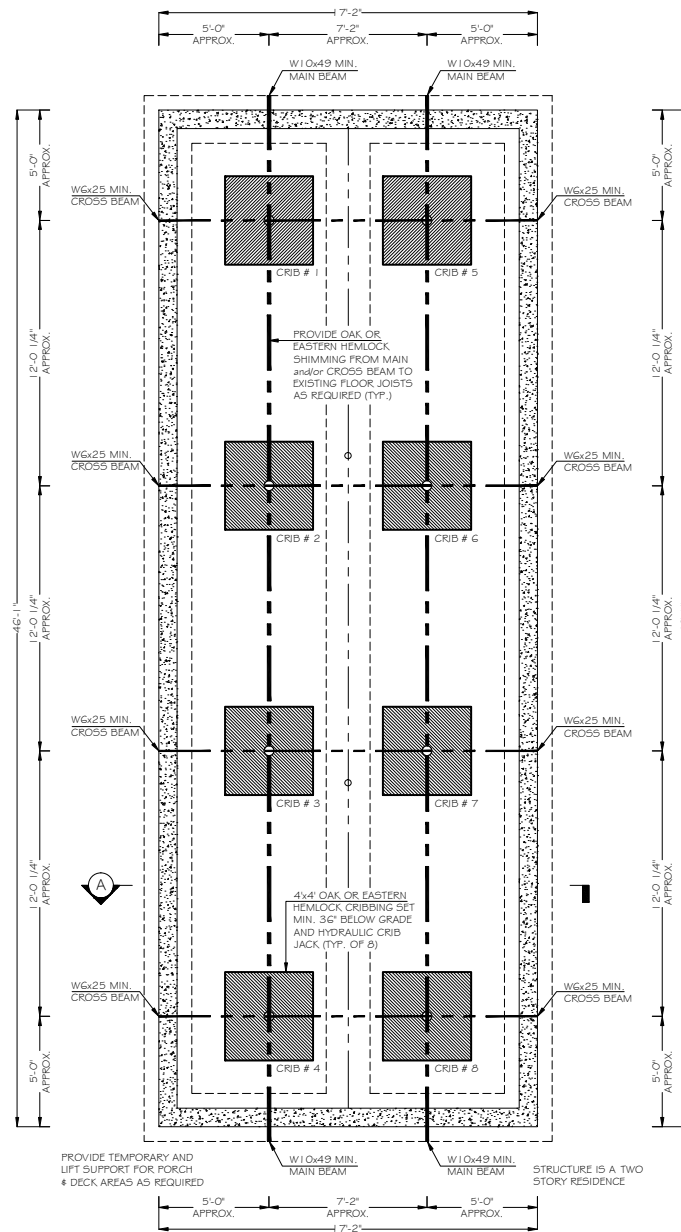


SECTION 1-1

NOTE:
STEEL PLATES & WELDS ON BEAMS ARE TO BE EVALUATED FOR STRUCTURAL INTEGRITY AFTER EACH USE

CROSS BEAM SPLICE DETAILS

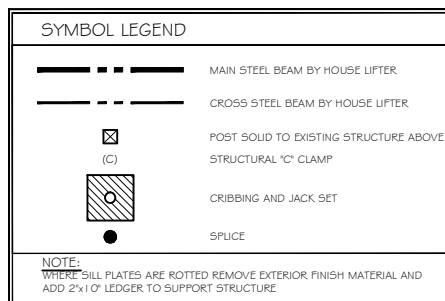
NOT TO SCALE



BEACH 87th STREET CRIBBING PLAN

NOT TO SCALE

NOTE:
ALL CRIB MEMBERS & SHIMS SHALL BE OAK OR EASTERN HEMLOCK.



Steel Check Report

Element: C:\DCC\steel6\stbn.rtf
Description: 348 Beach 87th St Main Beam
Date: 10/13/2016 11:59:14 AM

Company: Ramirez Engineering
User: Ramirez P.E./JG
Software: Digital Canal Steel Design 6.3

GENERAL INFORMATION

Description	Value	Description	Value
Design Criteria	Check	Section Shape	
Design Code	AISC LRFD 14th Edition	Maximum Section Depth	
Total Span Length	46.06 Ft	Minimum Section Depth	
First Node Support	Free	Back-Back Distance (double angles only)	
Last Node Support	Free	Section Width (angles and tubes only)	
Total Load Deflection	L/240.00	Number of Solutions	
Live Load Deflection	L/360.00	Live Load Patterning	Yes
Maximum Stress Ratio	1.000	Check Section List	W10X49
Bending Coefficient	12.5Mm / (2.5Mm+3Ma+4Mb+3Mc)	Bottom Flange Bracing	
Steel Yield Stress	36.00 K / in ²	Top Flange Bracing	

SPAN LENGTH DATA (Unit: Ft)

Span	1	2	3	4	5
Span 1	5.00	12.02	12.02	12.02	
Span 5	5.00	-	-	-	-

LOAD INFORMATION

Ref. No.	Load Case	Load Type	Dir	Begin Value	Begin Position	End Value	End Position
1	Dead	Linear	Y	-2.000 (K/Ft)	0.000 (Ft)	-2.000 (K/Ft)	46.040 (Ft)

LOAD COMBINATIONS

Ref. No.	Strength	Ref. No.	Service(Deflections)
1	1.40DL	1	DL Only
2	1.00DL + 1.00LL + 1.00WL + 1.00SL + 1.00EL	2	

CRITICAL MOMENT/SHEAR SUMMARY

Ref. No.	Section Name	Status	Governing Criteria	Bending Ratio	LC	Shear Ratio	LC	Deflection Ratio-L-L	LC	Deflection Ratio-T-L	LC
1	W10X49	OK	SHEAR	0.215	1	0.231	1	0.000	1	0.076	1

Recommended: W10X49

Steel Check Report

Element: C:\DCC\steel6\stbn.rtf
Description: 348 Beach 87th St Cross Beam
Date: 10/13/2016 12:11:50 PM

Company: Ramirez Engineering
User: Ramirez P.E./JG
Software: Digital Canal Steel Design 6.3

GENERAL INFORMATION

Description	Value	Description	Value
Design Criteria	Check	Section Shape	
Design Code	AISC LRFD 14th Edition	Maximum Section Depth	
Total Span Length	17.17 Ft	Minimum Section Depth	
First Node Support	Free	Back-Back Distance (double angles only)	
Last Node Support	Free	Section Width (angles and tubes only)	
Total Load Deflection	L/240.00	Number of Solutions	
Live Load Deflection	L/360.00	Live Load Patterning	Yes
Maximum Stress Ratio	1.000	Check Section List	W6X25
Bending Coefficient	12.5Mm / (2.5Mm+3Ma+4Mb+3Mc)	Bottom Flange Bracing	
Steel Yield Stress	36.00 K / in ²	Top Flange Bracing	

SPAN LENGTH DATA (Unit: Ft)

Span	1	2	3	4	5
Span 1	5.00	7.17	5.00	-	-

LOAD INFORMATION

Ref. No.	Load Case	Load Type	Dir	Begin Value	Begin Position	End Value	End Position
1	Dead	Linear	Y	-1.750 (K/Ft)	0.000 (Ft)	-1.750 (K/Ft)	17.160 (Ft)

LOAD COMBINATIONS

Ref. No.	Strength	Ref. No.	Service(Deflections)
1	1.40DL	1	DL Only
2	1.00DL + 1.00LL + 1.00WL + 1.00SL + 1.00EL	2	

CRITICAL MOMENT/SHEAR SUMMARY

Ref. No.	Section Name	Status	Governing Criteria	Bending Ratio	LC	Shear Ratio	LC	Deflection Ratio-L-L	LC	Deflection Ratio-T-L	LC
1	W6X25	OK	DEFL-TL	0.600	1	0.278	1	0.000	1	0.879	1

Recommended: W6X25

STEEL BEAM DESIGN SUMMARY:

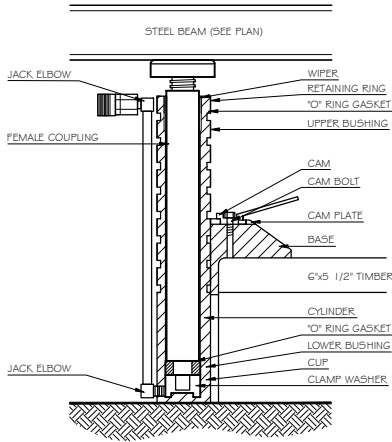
DESIGN LOADS ARE IN COMPLIANCE WITH THE APPROPRIATE SECTIONS OF CHAPTER 16 OF THE 2014 NYC BUILDING CODE.

BEAM #1 USE W10x49 (MAIN MEMBER)

BEAM #2 USE W6x25 (CROSS MEMBER)

REV. No.	DATE	REVISION	REV. BY	OKD. BY
 RAMIREZ ENGINEERING Consulting Civil Engineers 964 Fischer Boulevard Toms River, New Jersey 08753 732-831-0152				
PROJECT: NORDEN RESIDENCE 348 BEACH 87th STREET FAR ROCKAWAY, N.Y. 11693			TITLE: PROPOSED CRIBBING PLAN	
SCALE: AS NOTED CHECKED BY: RPR DRAWN BY: dlm			DATE: 10-13-2016 PROJECT No.: SHEET No.: 1 of 2 CALC. by: JJG	
Richard P. Ramirez, P.E. N.Y.P.E. #095757				

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 146 FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.



CRIB JACK DETAIL

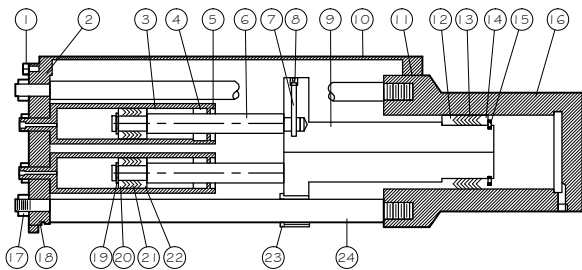
NOT TO SCALE

UNITED MACHINE SPECIFICATIONS & DATA SHEET

- A. MASTER SLAVE SYSTEM. ALLOWS PRESSURIZATION OF EACH OUTLET INDIVIDUALLY TO PICK POINT, LOCK OFF ITS SET PRESSURE, ALLOW ALL POINTS TO COME UP LEVEL.
B. STANDARD MAXIMUM OPERATION PRESSURE IS 7,000 PSI.
C. MACHINE ALLOWS ONE 2 1/2" BORE CYLINDER TO STROKE OUT A LIFT OF 14".
D. MACHINE DELIVERS 71.46 CU. IN. OF OIL FOR EACH OUTLET PER STROKE OF MACHINE.
E. HYDRAULIC OIL USED IS AW-32.
F. MACHINE IS SET TO RUN SINGLE ACTING, DOUBLE ACTING, OR BOTH SERIES JACKS TOGETHER.
G. SPEED OF JACKS IS DETERMINED BY SIZE OF MOTOR WHICH DETERMINES VOLUME OF PUMP.
H. MACHINE HAS 2 RELIEF VALVES PER CIRCUIT, ONE TO PREVENT OVER PRESSURIZING JACK, OTHER ONE IS TO PREVENT FROM HAVING WRONG VALVE CLOSED DURING LOWERING OPERATION.
I. MAINTENANCE ON MACHINE IS AS FOLLOWS:
I.a. CLEAN AND/OR CHANGE FILTER ONCE A YEAR.
I.b. OIL SHOULD BE CHECKED AND CHANGED AROUND THE 5 YEAR TERM.
I.c. AVERAGE LIFE OF MACHINE IS 25 TO 30 YEARS BEFORE A TEAR DOWN AND REPACK AS NECESSARY.
I.d. NO CALIBRATION OF MACHINE IS NEEDED. MACHINE OPERATES UNDER A 100% MECHANICAL SET UP AND OPERATION.

CRIB JACK SPECIFICATION 15 TON SERIES

- A. RATING IS 15 TON @ 6,000 PSI.
B. STROKE IS 17" FOR LONG JACK, 9" FOR SHORT JACK.
C. BORE SIZE IS 2.500".
D. AREA IS 4.906 SQ. IN.
E. OVERALL HEIGHT OF JACK RETRACTED IS 24".
F. WEIGHT IS 58 LBS.
G. JACK IS DESIGNED TO WORK IN CRIB BASE WITH A 10'x15' FOOT PAD.
H. BASE IS 38 LBS.



NO.	PART DESCRIPTION	NO.	PART DESCRIPTION
1	UNIT TO RESERVOIR BOLT (4)	13	MAIN CYLINDER U PACKINGS
2	RESERVOIR 'O' RING SEAL (A)	14	PISTON MALE FOLLOWER BUSHING
3	DISPLACEMENT CYLINDER	15	RETAINING RING
4	CYLINDER BUSHING	16	MAIN CYLINDER ASSEMBLY
5	RETAINING RING	17	TIE ROD NUT
6	DISPLACEMENT PISTON	18	UNIT END PLATE
7	PISTON RETAINING PIN	19	RETAINING RING
8	RETAINING PIN SETSCREW	20	MALE FOLLOWER BUSHING
9	MAIN PISTON	21	DISPLACEMENT CYLINDER U PACKINGS
10	RESERVOIR ASSEMBLY	22	DISPLACEMENT FEMALE BUSHING
11	RESERVOIR 'O' RING SEAL (B)	23	TIE ROD BUSHING
12	PISTON FEMALE BUSHING	24	TIE ROD

JACK ASSEMBLY DIAGRAM

NOT TO SCALE

EXCAVATION, SHEATHING, SHORING & BRACING NOTES:

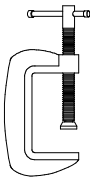
ALL DIGGING WILL BE DONE INSURING NO POSSIBILITY OF THE TRENCH CAVING IN. WHERE THERE ARE SPACE RESTRICTIONS, A SHORING WALL WILL BE CONSTRUCTED BY INSTALLING VERTICAL 2"x6" DOUGLAS FIR DRIVEN INTO THE GROUND AT A SUFFICIENT DEPTH AND THEN COMPLETED BY STACKING 2"x6" DOUGLAS FIR HORIZONTALLY UP AGAINST THE BACK OF THE EXISTING TIMBERS UNTIL IT IS DEEMED SAFE BY THE EXCAVATION CONTRACTOR.

MECHANICAL DEMO NOTES:

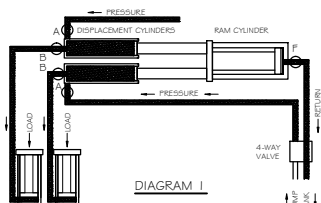
THE DEMO CONTRACTOR WILL BE USING THE LISTED EQUIPMENT(SEE LIST BELOW), TO REMOVE THE EXISTING FOUNDATION. THE WALLS AND FOOTING WILL BE DUG OUT AND HAULED TO AN ONSITE DUMPSTER AND DISPOSED OF PROPERLY. THE CONTRACTOR WILL HAVE MEN ON THE GROUND ACTING AS SPOTTERS AND INSURING THE OPERATOR STAYS CLEAR OF ANY CRIBBING, BRACING OR ANY OTHER STRUCTURAL COMPONENTS, AS WELL AS OTHER WORKERS.

- LIST OF EQUIPMENT BEING USED:
A. TRACK SKID LOADER
B. MINI TRACK LOADER
C. MINI TRACK BACK HOE
D. HAND TOOLS & JACK HAMMER

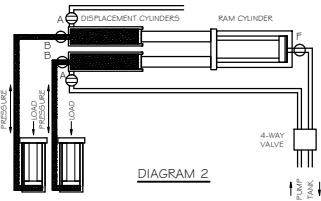
C-CLAMP HEAVY DUTY PATTERN, 2-3/8"
CATALOG NUMBER:78-020



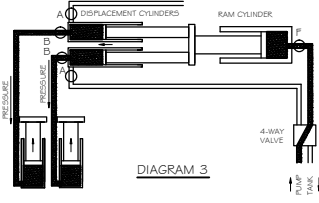
ARMSTRONG INDUSTRIAL HAND TOOLS HAVE A HERITAGE OF MADE IN THE USA SINCE FOUR BROTHERS FOUNDED THE COMPANY IN 1890. THIS ARMSTRONG BRAND PRODUCT IS BUILT FROM PREMIUM MATERIALS AND WORKMANSHIP ENSURING UNEQUALLED STRENGTH, TOUGHNESS AND DURABILITY.
PRODUCT TYPE: HEAVY DUTY PATTERN C-CLAMP, WITH FULL LENGTH SCREW CAPACITY MAXIMUM (INCH): 2-2/8" CAPACITY MINIMUM (INCH): 0 DEPTH OF THROAT FROM CENTER OF SCREW (INCH): 1 9/16" THREAD SIZE (INCH): 3/4" x 10 LENGTH OF SCREW (INCH): 5 MINIMUM PROOF TEST (LBS.): 12,500 FULL LENGTH FORCING SCREW: YES FINISH: BLACK OXIDE US FEDERAL SPECIFICATION: GGG-C-406D REPLACEMENT FORCING SCREW: 95-383 FORCING SCREW THREADS: STANDARD V THREADS.



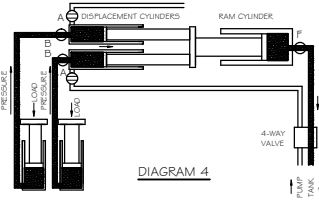
THE SYSTEM IS IN THE FIRST STAGE OF PREPARATION FOR RAISING. VALVES A, B AND F ARE OPEN AND OIL IS BEING FORCED VIA THE FOUR-WAY VALVE INTO THE DISPLACEMENT CYLINDERS FORCING THEM TO THE END OF THEIR STROKE. THEY HAVE FORCED THE MAIN RAM PISTON TO THE END OF ITS STROKE. AT THE SAME TIME OIL HAS BEEN FORCED OUT INTO THE JACKS AND ENOUGH PRESSURE ALLOWED TO BUILD UP FOR THE JACKS TO START TAKING THE LOAD.



VALVES A INTO THE DISPLACEMENT CYLINDERS ARE CLOSED, SEALING OFF THE OIL AND MAKING EACH DISPLACEMENT CYLINDER HOSE AND JACK INTO AN INDEPENDENT CLOSED CIRCUIT. PRESSURE IS RELEASED FROM THE BACK OF VALVE A.



PRESSURE HAS BEEN DIRECTED THRU THE FOUR-WAY VALVE TO THE MAIN RAM CYLINDER AND THE RAM PISTON IS FORCING ALL THE DISPLACEMENT PISTONS AT AN EQUAL SPEED THRU THE LENGTH OF THEIR STROKE. THE DISPLACEMENT PISTONS FORCE THE OIL OUT INTO THE JACKS AND AS THE VOLUME OF DISPLACEMENT FOR EACH CYLINDER IS EXACTLY EQUAL, THE VOLUME GOING INTO EACH JACK IS EQUAL AND THE AMOUNT OF RAISE OF EACH JACK EQUAL.



TO LOWER, THE SAME OIL FLOW SYSTEM IS USED IN REVERSE; OIL IS ALLOWED TO DRAIN OFF THE MAIN RAM CYLINDER SO ALLOWING THE DISPLACEMENT CYLINDERS TO PUSH BACK THE MAIN RAM WITH THE OIL FORCED INTO THEM FROM THE JACKS.

HYDRAULIC JACK DIAGRAM

NOT TO SCALE

GENERAL MEANS & METHODS NOTES:

THIS PROPOSED LIFT PLAN IS BASED ON THE FOUNDATION PLAN FOR THIS RESIDENCE PREPARED BY AMP ARCHITECTURE, PLLC. THE LIFT CONTRACTOR SHALL FULLY ASCERTAIN THE EXISTING CONDITIONS OF THE STRUCTURE. MINOR ADJUSTMENTS TO LIFT BEAMS AND CRIBBING STACKS AS REQUIRED TO REFLECT ACTUAL FIELD CONDITIONS ARE PERMITTED. SHOULD ACTUAL FIELD CONDITIONS WARRANT A REVISED BEAMCRIBBING LAYOUT, A REVISED LIFT PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

- ANY SIDEWALK AND STREET CLOSURES NECESSARY TO CONDUCT LIFT WILL BE PERFORMED AFTER ALL NECESSARY PERMITS ARE OBTAINED.
PROTECTION OF PEDESTRIANS AND ADJOINING BUILDINGS WILL BE PROVIDED BY AN 8 FOOT SOLID SECURITY JOB FENCE.
- LOCATION OF DUMPSTER AND PLACEMENT OF MATERIAL WILL BE DETERMINED ON SITE TO BE IN AN AREA THAT WILL NOT INTERFERE WITH WORK OR SAFETY.
- ALL DISCONNECTIONS AND UTILITY MARKOUTS WILL BE DONE PRIOR TO THE LIFT BY THE GENERAL CONTRACTOR. LIFT PROCEDURE:
 - DAY ONE
 - REVIEW CHECK LIST
 - PERMITS ON SITE
 - STAMPED PLANS ON SITE
 - ESTABLISHED BENCHMARK
 - VERIFY ALL DISCONNECTS; AND
 - DEMOLITION COMPLETED
 - DAY ONE CONTINUED
 - SET BEAMS AND CRIBBING AS NOTED IN LIFT PLAN.
 - PLACE HYDRAULIC JACKS IN POSITION FOR EACH SET OF CRIBBING AS NOTED IN LIFT PLAN; AND
 - RELEASE FRAMED HOUSE FROM FOUNDATION
- ADJACENT PROPERTY OWNERS CONSENT WILL BE OBTAINED PRIOR TO START OF EXCAVATION OR UNDERPINNING. LIFT WITH 14 INCH INCREMENTS AND INSTALL CRIBBING WITH EACH INCREMENTAL LIFT. PLACE 2 COURSES OF WOODEN CRIBBING AT A TIME. 6'x5 1/2" OR 6'x5" CRIBBING BLOCKS TO BE USED.
- EACH CRIB AND JACK WILL BE MONITORED BY ONE PERSON AND CHECKED AT EACH INCREMENTAL LIFT TO ENSURE STABILITY THROUGHOUT THE LIFT PROCESS. THE HOUSE WILL BE RAISED AND LOWERED WITH A LIMITED ALLOWANCE FOR DEVIATION FROM HORIZONTAL PLUMB OF NO MORE THAN 2 INCHES ON ALL SIDES. THIS LEVEL WILL BE MONITORED TO ENSURE THAT POTENTIAL LATERAL LOADS DUE TO VARIATIONS IN THE LEVEL ARE NOT IMPOSED ON THE CRIBBING AND STRUCTURE. VERTICAL LOADS THAT NEED TO BE RESISTED DURING THE RAISING AND LOWERING OF THE BUILDING WILL ALSO BE MONITORED.
- THE INSTALLATION OF TEMPORARY SUPPORT, SHORES OR BRACING TO SAFELY SUPPORT THE BUILDING OR STRUCTURE DURING THE VARIOUS STAGES OF WORK WILL BE INSTALLED AS NEEDED. THE MATERIAL USED WILL BE 2"x4" OR 2"x6" DOUGLAS FIR, OR 3"x4" PLYWOOD. THE POSITIONING OF THE BRACING WILL BE DETERMINED IF AND WHEN IT IS BEING APPLIED. ALL BRACING, SUPPORTS, OR SHORING WILL BE DOCUMENTED AND MUST BE REVIEWED AND APPROVED BY THE ENGINEER.
- THE TEMPORARY MODIFICATION OF THE BUILDING OR STRUCTURE TO ALLOW PROPER TRANSFER OF LOADS TO TEMPORARY SUPPORTS WILL BE DONE IF REQUIRED. ANY WORK PERFORMED MUST BE DOCUMENTED, REVIEWED & APPROVED BY THE ENGINEER. ALL MATERIAL AND HARDWARE WILL BE ACCOUNTED FOR.
- THE CONSTRUCTION OR OTHER WORK NECESSARY TO MAINTAIN THE SAFETY AND INTEGRITY OF THE HOUSE BEING LIFTED WILL BE DONE WHEN AND IF IT IS REQUIRED. ALL WORK MUST BE DOCUMENTED, REVIEWED AND APPROVED BY THE ENGINEER.
- THE SEPARATION, DISMANTLING OR REMOVAL OF THE BUILDING FROM THE OTHER STRUCTURAL ELEMENTS NOT INTENDED TO BE MOVED OR RAISED, DOES NOT APPLY IN THIS INSTANCE. THERE ARE NO MECHANICAL FASTENERS CONNECTING THE HOUSE TO THE FOUNDATION.
- VARIOUS STAGES OF WORK TO MOVE OR RAISE THE BUILDING UNTIL IT IS INSTALLED IN ITS NEW ELEVATION AND/OR LOCATION, INCLUDING INSTALLATIONS AND MEASURES NEEDED TO MAINTAIN SITE SAFETY DURING THE WORK PROCESS, WILL BE ENSURED THROUGH MONITORING AND CONSULTATIONS BY THE SITE SAFETY FIRM HIRED BY THE GENERAL CONTRACTOR, ALONG WITH SAFETY MEETINGS HELD ON SITE EVERY WEEK BY THE SUB CONTRACTORS "COMPETENT" IN-HOUSE EMPLOYEE.
- ALL VEHICLES AND EQUIPMENT, WHEN NECESSARY, SHALL BE MOVED TO A SAFE AND LEGAL LOCATION AT THE END OF THE WORK DAY.
 - LIST OF EQUIPMENT POTENTIALLY USED
 - MODERN HYDRAULICS 6 PORT UNIFIED JACKING SYSTEM PLUS 10 HELPER JACKS
 - JAHNS HYDRAULICS 6 PORT UNIFIED JACKING SYSTEM PLUS 10 HELPER JACK
- THE CAPACITY OF THE SOIL TO TEMPORARILY SUPPORT ANY INSTALLATION USED IN THE RAISING OF THE HOUSE WILL BE A MINIMUM OF 1,000 PSF BASED ON THE AVAILABLE SOIL BORING INFORMATION.
- WEIGHT OF BUILDING BEING RAISED - 1,584 SQ. FT. @ 30 PSF (DEAD LOAD) = 47,520 LB. TOTAL LOAD DISTRIBUTED OVER 8 CRIB STACKS (APPROX. 5,940 LB/CRIB STACK).
- THE BEARING LOAD AT EACH CRIB STACK WILL BE LESS THAN 372 PSF (5,940 LB. CRIB LOAD)/6 SQ.FT. PER CRIB) WHICH IS WELL WITHIN THE SOILS CAPACITY OF 1,000 PSF.
- LATERAL LOADS IMPOSED ON THE STRUCTURE DUE TO WIND DURING THE LIFT WILL INCREASE THE BEARING LOAD ON THE CRIBBING BY NO MORE THAN 200 PSF, STILL MAINTAINING WELL BELOW THE ALLOWABLE SOILS CAPACITY (372 PSF VERTICAL + 200 PSF WIND = 572 PSF < 1,000 PSF).
- LIFTING OPERATIONS WILL BE STOPPED WHEN WIND SPEEDS IN THE AREA EXCEED 40 MPH AS MONITORED BY THE LIFT CONTRACTOR AND SITE SAFETY FIRM.
 - LOWERING OF HOUSE.
 - BRING ALL EQUIPMENT TO SITE.
 - SET JACKS TO CRIBS.
 - CONNECT HOSES FROM MACHINE TO JACKS.
 - LIFT 2 INCHES.
 - DEPRESSURIZE JACKS.
 - BEGIN TO LOWER HOUSE 2 COURSES OF CRIBBING AT A TIME UNTIL THE HOME IS AT ITS FINAL RESTING PLACE.
 - REMOVE ALL ADDITIONAL CRIBBING AND STEEL AND PLACE ON TRUCK TO BE TAKEN BACK TO THE YARD.
 - AFTER THE HOUSE IS LOWERED ONTO THE NEW FOUNDATION, IT WILL BE STRAPPED IN AS PER THE APPROVED PLANS.
- ALL JACKS ARE MAINTAINED AND CALIBRATED ON A 6 MONTH CYCLE BY A TRAINED IN-HOUSE TECHNICIAN. ALL JACKS ARE TESTED FOR FUNCTIONALITY AND DURABILITY.
- CONTRACTOR: DUCKY JOHNSON.

CRIBBING & TOE JACK LOCATION TOLERANCE NOTES:

- CRIB STACK LOCATION TOLERANCE: THE MAXIMUM VARIATION IN LENGTH OF THE BEAM SPAN BETWEEN THE CENTERS OF CRIB STACKS IS 1/8" OF THE LOCATION INDICATED ON THE PLAN. THIS VARIATION APPLIES TO FORWARD AND BACKWARD TOLERANCES AS WELL AS LEFT AND RIGHT TOLERANCES. UNDER NO CIRCUMSTANCE SHALL ANY STEEL BEAM SPAN BE LENGTHENED BY MORE THAN 1/8" WITHOUT THE ENGINEER OF RECORD REVIEWING THE ADEQUACY OF THE SELECTED BEAMS.
- TOE JACK LOCATION TOLERANCE: TOE JACKS MAY BE PLACED WITHIN 1/2" OF THE LOCATION INDICATED ON THE PLAN. ANY VARIATION GREATER THAN 1/2" WILL REQUIRE A STRUCTURAL RE-EVALUATION BY THE ENGINEER OF RECORD.

REV. No.	DATE	REVISION	REV. BY	CKD. BY
 RAMIREZ ENGINEERING Consulting Civil Engineers 964 Fischer Boulevard Toms River, New Jersey 08753 732-831-0152				
PROJECT: NORDEN RESIDENCE 348 BEACH 87th STREET FAR ROCKAWAY, N.Y. 11693			TITLE: PROPOSED CRIBBING PLAN DETAILS & NOTES	
Richard P. Ramirez, P.E. N.Y.P.E. #095757			SCALE: AS NOTED DATE: 10-13-2016 PROJECT No. 2 of 2 DRAWN BY: dlim CALC. by JJG	

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 146 FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.