



**Pier 40 Structural Restoration – Phase 4
Invitation for Bids (IFB)
Project/Contract #C4874
Addendum No. 1
January 3, 2019**

To All Bidders:

- 1. The above referenced IFB is hereby amended to include the Site Logistics Plan attached hereto as Attachment A.**
- 2. Specification 01140 (Work Restrictions) of the above referenced IFB is hereby amended and restated as set forth in Attachment B, herein.**
- 3. Sheet S502 (Concrete Repair Schedule) of the Issued for Bid Drawings in the above referenced IFB is hereby deleted in its entirety and replaced with Attachment C herein.**
- 4. All requirements of the original IFB shall remain in full force and effect, except as set forth in this Addendum and any other previously issued Addenda.**
- 5. All capitalized terms set forth in this Addendum shall have the same meaning as set forth in the IFB being amended hereby.**

THIS ADDENDUM MUST BE SIGNED BY THE BIDDER AND ATTACHED TO THE BID WHEN SUBMITTED.

HUDSON RIVER PARK TRUST

By: Kevin Quinn

Title: Senior Vice President

ACKNOWLEDGED AND AGREED:

Name of Bidder: _____

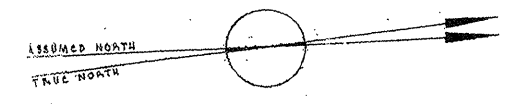
By: _____

Title: _____

Date: _____

ATTACHMENT A
SITE LOGISTICS PLAN
(SEPARATE ATTACHMENT)

Install temporary fencing and gate under C4873 contract. This shared (C4873 & C4874) staging area is to be used for a construction trailers, etc



C4873 and C4874 Logistics Plan

The concrete trucks and other construction vehicles can only travel on the pier and in front of the building when accompanied by two flagmen (front and back)

In the event of temporary closure of any public spaces on the pier, such as during a concrete pour, the contractor is responsible for set up and removal of detour barricades and signs.

North Pier apron will not be available for concrete pour staging (see Work Restrictions section of the project manual).

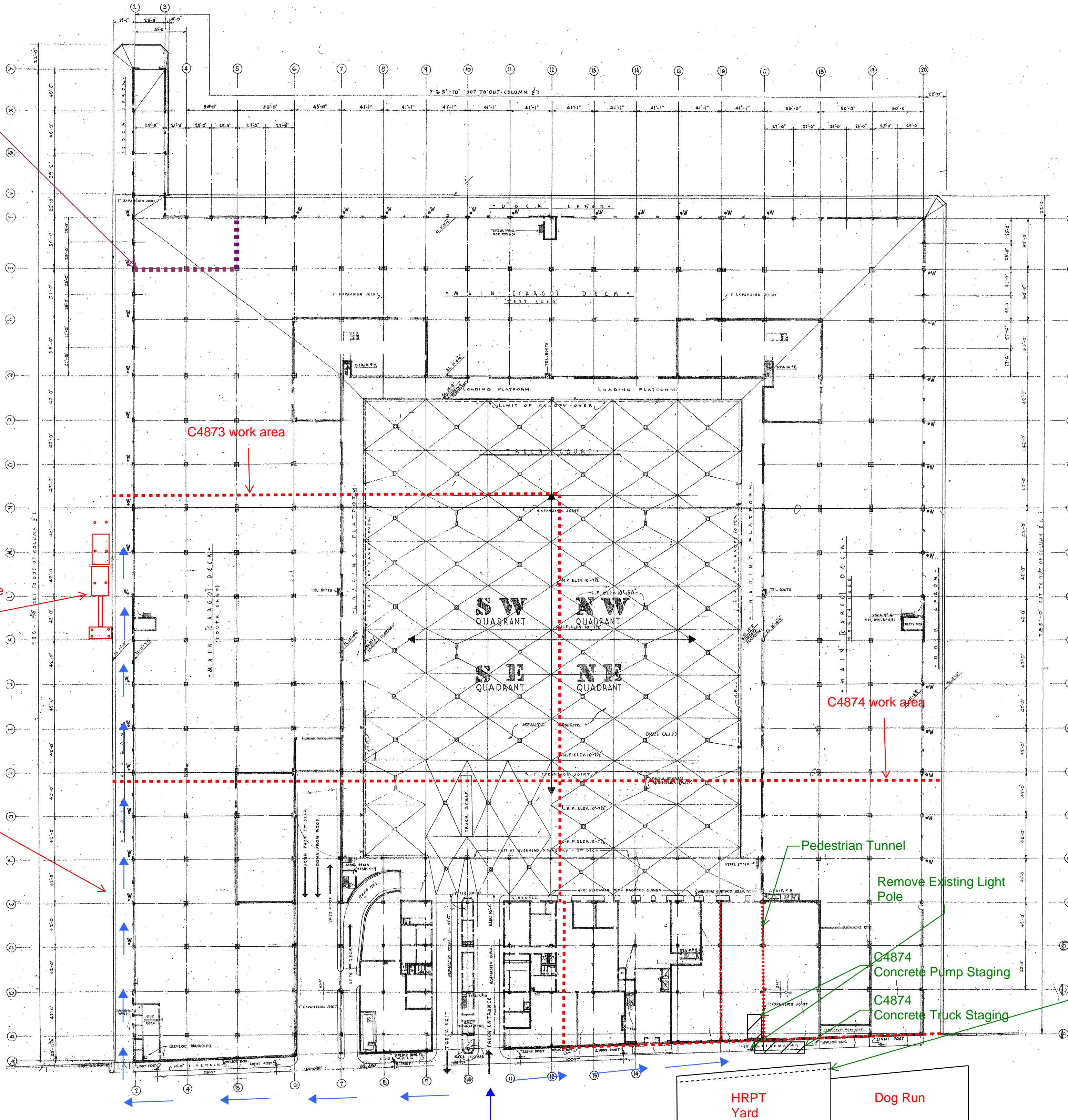
No dive equipment mobilization the pier aprons will be allowed. All staging is to be located on barges (see Work Restrictions section of the project manual)

Blue Arrows - Concrete Truck Access

C4874 concrete pump shall be set-up inside the pedestrian tunnel. C4874 discharging concrete trucks shall occupy a 11'x35' sidewalk area as shown. Maintain pedestrian access through the tunnel at all times during the concrete pour, inclusive of pedestrian shielding adjacent to the pump.

C4874 contractor will set up and remove temporary barricades and signs for pump and truck staging for each concrete pour day.

C4874 contractor is to relocate the jersey barrier, fence, and one gate approximately 5' east of the current location



C4873 work area

C4874 work area

Pedestrian Tunnel

Remove Existing Light Pole

C4874 Concrete Pump Staging

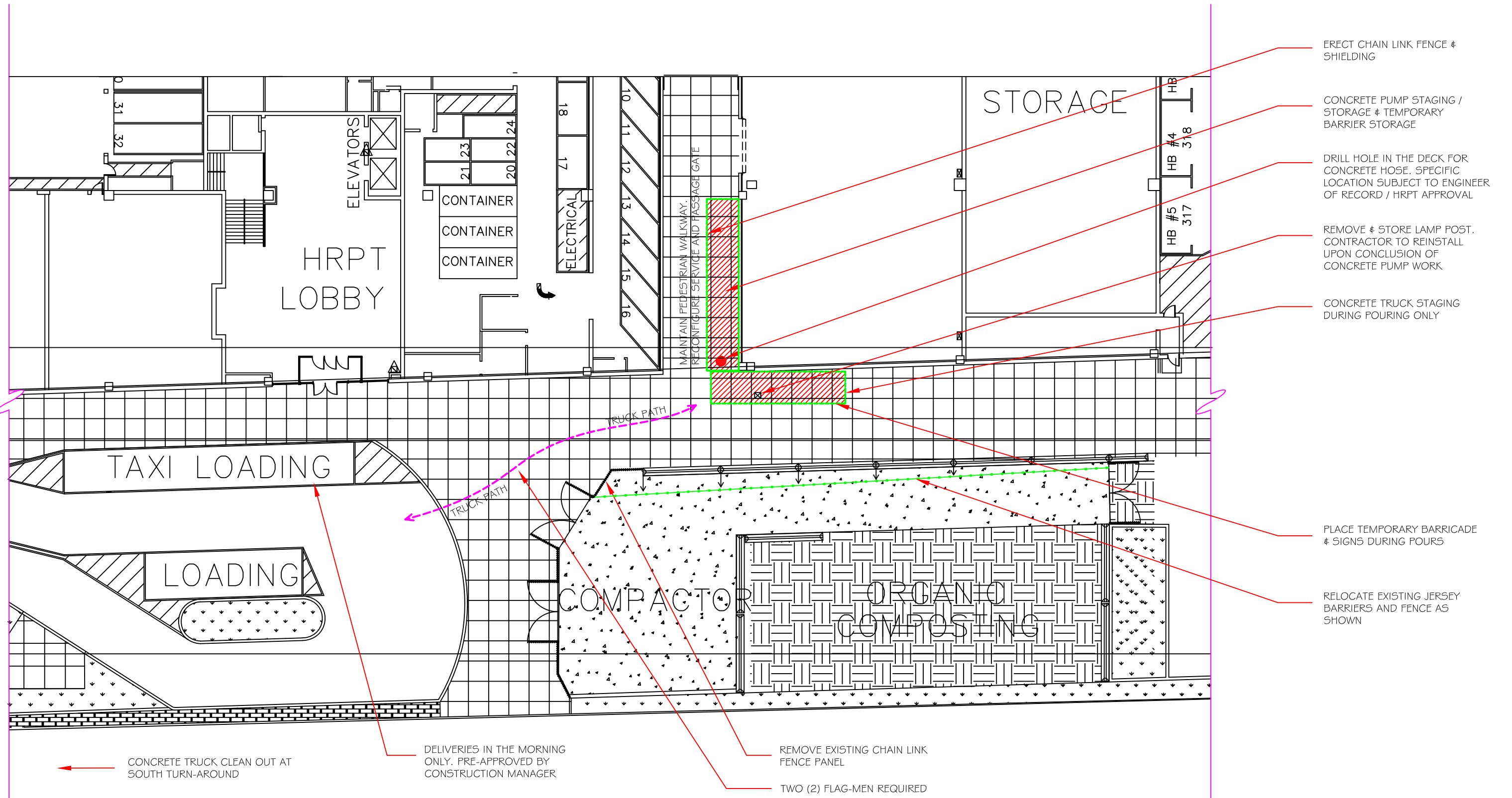
C4874 Concrete Truck Staging

HRPT Yard

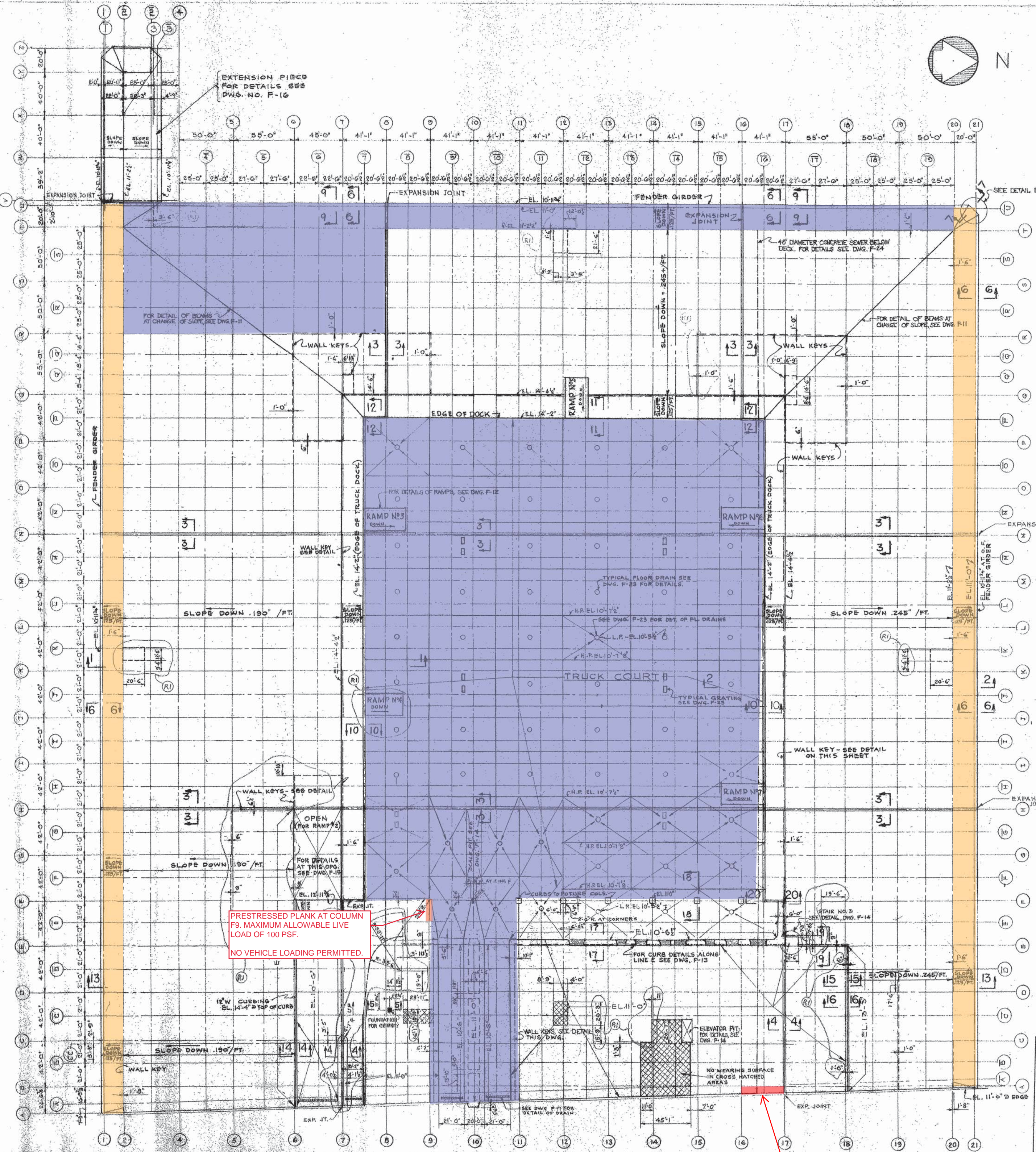
Dog Run

Existing floating docks, ramp, and platform are to be removed by C4873 contractor, guide piles extracted. All salvaged materials relocated and reinstalled in the same configuration appropriately 240' east of the current location. The components to be removed and relocated are as follows:

1. 13.5'x7' timber platform
2. Two 30'x10' wood/plastic docks
3. 25'x3' aluminum ramp
4. Ten (10) 12" diameter (80' long) steel guide piles



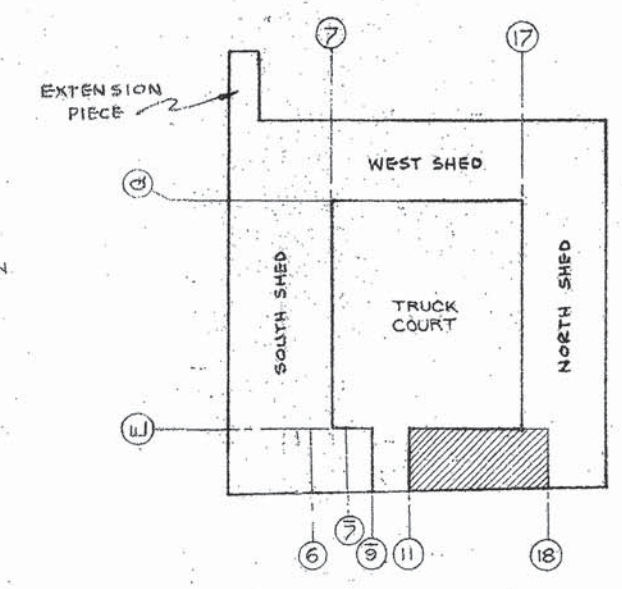
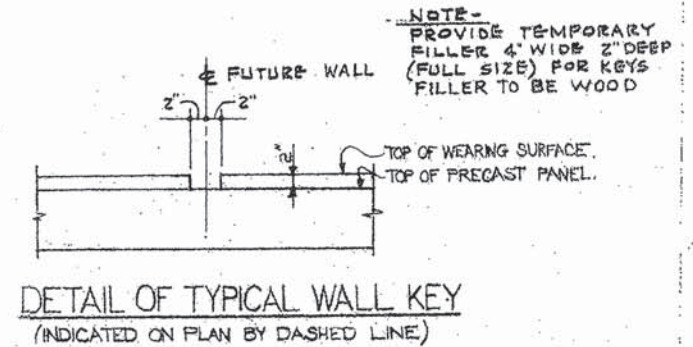
C4874 LOGISTICS FRONT OF PIER 40



- NOTES**
- 1- FOR SECTIONS 1 TO 5, SEE DWG. F-11.
 - 2- FOR SECTIONS 6 TO 12, SEE DWG. F-12.
 - 3- FOR SECTIONS 13 TO 20, SEE DWG. F-13.
 - 4- FOR DETAIL 1, SEE DWG. F-12.
 - 5- ELEVATIONS SHOWN ARE TO TOP OF FINISHED WEARING SURFACE.
 - 6- PROVIDE TEMPORARY PROTECTION FOR KEYS UNTIL WORK ON THE SUPERSTRUCTURE IS BEGUN.
 - 7- LOCATION OF WALL KEYS IS INDICATED ON PLAN BY DASHED LINE. DIMENSIONS ARE TO $\frac{1}{2}$ OF KEY.

LEGEND:

- MAXIMUM REAR AXLE/TANDUM AXLE LOAD OF 46 KIPS
- MAXIMUM REAR AXLE/TANDUM AXLE LOAD OF 34.5 KIPS
- ENTIRE PIER DECK RATED FOR A LIVE LOAD OF 100 PSF



DESIGN LOADS

UNSHADED AREA-600 PSF LIVE LOAD.
SHADED AREA-300 PSF LIVE LOAD OR 16" WHEEL LOAD.
CROSSHATCHED AREA-200 PSF LIVE LOAD.

NO.	DESCRIPTION	DATE	APPROVAL
R1	RELOCATED RAMP NO. 8 & WALL KEYS; ADD CURB		

REVISIONS

THE CITY OF NEW YORK
DEPARTMENT OF MARINE AND AVIATION

NEW PIER 40
NORTH RIVER
BOROUGH OF MANHATTAN

ROBERTS AND SCHAEFER CO.
CONSULTING ENGINEERS, NEW YORK, N.Y.

R.P. Blum
KARSUNKY, WELLS AND GOUGH
MECHANICAL ENGINEERS, NEW YORK, N.Y.

IN CHARGE OF

DRAWN BY: P.S.
CHECKED BY: WTH
DATE: 12-4-57 SCALE: 3/8"=1'-0" CONTRACT NO: 3003 R

County of Manhattan
Block 652
Lot 4

PLAN OF FINISHED FLOOR
F-2

PRESTRESSED PLANK AT COLUMN F9. MAXIMUM ALLOWABLE LIVE LOAD OF 100 PSF.
NO VEHICLE LOADING PERMITTED.

CONTRACTOR CAN CORE 8" DIAMETER HOLE THROUGH SLAB BETWEEN BENTS A AND A.

ATTACHMENT B
AMENDMED AND RESTATED
SPECIFICATION 01140 – WORK RESTRICTIONS
(SEPARATE ATTACHMENT)

SECTION 01140 – WORK RESTRICTIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes provisions and restrictions for use of premises and for maintaining Owner's partial occupancy and use during construction.

1.3 USE OF PREMISES

- A. Confine on-site demolition and construction operations to areas of Contract Work and under conditions as approved or otherwise directed by Construction Manager. Do not disturb portions of site beyond areas in which the Work of this Contract is indicated.
 - 1. Site security enclosures and construction fencing and gates of the Upland Park perimeter (access area at Pier 40) will be as installed on as needed basis and further maintained by this Pier 40 Structural Restoration Contractor – Phase 4(C4874).
 - a. Contractor will be accessing the work area through areas that may be or are being otherwise utilized by adjacent tenants, other contractors, and park users. The Contractor shall keep themselves aware of and assist in coordination of changing access conditions, restrictions, and limitations.
 - b. Space for temporary facility structures, paths for site access, storage of materials, and parking on-site, and the like is very limited and will be restricted. Accommodation for each contractor shall be as approved by Construction Manager.
 - 2. Limits applicable to Park Wide conditions, include the following:
 - a. Contractor shall not utilize the existing Route 9A bikeway / walkways for mobilization, material removals, deliveries, or parking.
 - b. Comply with additional requirements as may be delineated on Staging and Mobilization (Site Logistics) Plan(s) included in the Contract Documents of a Project segment area, or segment phase.
 - c. Contractor will be restricted from using the existing built portions of the park for mobilization, material removals, deliveries, or parking.
 - d. Contractor will be restricted from mobilizing vehicles and/or trailers that would be of such a weight or dimension that they would damage previously installed work or existing to remain conditions.
 - e. Construction Gates / Entrances: Keep all construction gates / entrances serving the premises clean, clear, and available to the Owner, Owner's employees, and emergency vehicles at all times. Do not use these entrance areas to Project site for parking or storage of materials.
 - f. Secure all construction entrances and gates to the site at all times.
 - g. Deliveries To and Removals From Site:

- 1) Schedule deliveries, removals, and other operations to minimize use of construction gates and entrances.
 - 2) Schedule deliveries, removals and other operations to coordinate with other contractor’s gaining access to the site.
 - 3) Schedule deliveries and material removals to minimize space and time requirements for storage of materials and equipment on-site.
 - 4) Provide flag-person services for all vehicle activity into and out of the site so as to protect the public.
- h. Provide and maintain durable signage limiting public access to the construction site at all construction gates / entrances and at existing gates between adjacent public accessed areas and work areas.
- i. Contractor shall not utilize adjacent public areas or streets for mobilization, deliveries, or parking unless permit(s) are obtained from authority having jurisdiction.
- j. Personal radios, CD players, etc. are prohibited from the work site.
3. Segment 3 – Pier 40, Additional Limits:
- a. No *north* pier apron contractor mobilization, ~~with the exception of concrete pour equipment/vehicles,~~ will be allowed. All equipment, materials, work areas, workforce support facilities, etc will be staged on the barge(s) adjacent to the work area. Land based material/equipment deliveries and debris removals can only occur during normal work hours on Mondays and Tuesdays of each week. ***All concrete pours shall take place via a cored hole in the pier deck in the Pier 40 east side pedestrian tunnel, (see logistics plan for location). Maintain pedestrian access through the tunnel at all times during the pour, inclusive of all shielding etc required to protect the public safety during the pump operation. All concrete pours that require pier apron mobilization of pumps, trucks, etc can only occur during regular work hours on Mondays and Tuesdays of each week. All pier apron mobilizations outside regular work hours on Mondays and Tuesdays can occur through specific requests and coordination with the Construction Manager, HRPT, and the north side cruise operation tenant (Hornblower). However, HRPT makes no guaranties regarding availability, frequency, or timing of permissible pier apron mobilizations outside regular work hours on Mondays and Tuesdays. Contractor has the option to stage a concrete delivery/placement operation in an esplanade area just north of the NE corner of the pier, as shown on the logistics plan, on any regular work day.***
 - b. Contractor will be required to use “buggies” or other smaller sized fill material and/or concrete delivery equipment as approved by the Construction Manager as fully loaded trucks may not be allowed on the pier areas.
 - c. On-site parking for all contractors, subcontractors, and their personnel/workers in any area of Hudson River Park - Segments 3 will not be allowed.
 - d. Deliveries of materials (including pick-up of rubbish, etc.) and for other separate contractors on-site shall be scheduled with and approved by Construction Manager at least 72 hours in advance of such delivery. Notice of delivery for approval shall include identification of shipper, a brief description of cargo, estimated arrival and departure times, and, if applicable, number of vehicles. Deliveries made without prior approval will be subject to refusal at entrance to site.
 - e. Long term storage of materials will not be permitted and will be reserved, as approved by Construction Manager, for those materials requiring immediate installation
 - f. HRPT or its Pier 40 tenants will periodically hold public or private events at or adjacent to the work area. The contractor will be required to coordinate the construction activities with such events and an adjustment to the work schedule and/or mobilization set up might be required to accommodate such events.
4. Maintain the existing site throughout times of Contract work. Contractor will be required to provide protection of previously installed work and existing items to remain including but not limited to bulkheads, finished paving, railings, light fixtures and bollards, curbing, plantings,

seating, concurrent work of other contractors etc. Repair damage to disturbed portions of existing site conditions caused by Contractor's own construction operations.

- B. Conform to additional provisions of Article "Use of Premises" in Division 1 Section 01100 "Summary" and as may be otherwise specified in other Sections of Division 1 and Sections of Divisions 2 – 16 related to a specific condition.

1.4 OCCUPANCY REQUIREMENTS

- A. Partial Owner Occupancy: Owner may occupy portions of the site during the construction period. Perform the Work so as not to interfere with Owner's operations.
- B. Owner Occupancy and Use:
 - 1. Allow for Owner occupancy of portions of the site at any and all times for duration of Contract. The Owner reserves the right to maintain and provide full public access to completed portions of the Hudson River Park within the Contract Limits at any time for duration of Contract. Contractor shall be responsible for securing and maintaining its own temporary construction fencing and barriers as necessary to achieve and maintain this access.
 - 2. Maintain clear access to all areas of the Hudson River Park by personnel of the Hudson River Park Trust for maintenance and repair operations. Specifically, the Owner (Trust) and its agents shall be unencumbered from performing watering, planting, and maintenance operations (including marine operations) for park areas adjacent to and within the Contract Limits.
 - 3. Cooperate with Owner during operations of Contract work to minimize conflicts and facilitate Owner usage of Hudson River Park areas.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 01140

AMENDED AND RESTATED SHEET S502 – CONCRETE REPAIR SCHEDULE
(SEPARATE ATTACHMENT)

DEFECT ID	ELEMENT	BENT	PILE	REPAIR TYPE	DEFECT NOTES			CRACK NOTES		NOTES
					DETERIORATED AREA (SF)	DEPTH (IN)	NO. BARS/(STRANDS) EXPOSED	LENGTH (FT)	WIDTH (IN)	
102	UNDERDECK	A.5	20.5	TYPE 2	150	1	12			
103	BEAM	AB	20.3	TYPE 3	3	3	4			
104	N.I.C.									
105	UNDERDECK	AB.5	20.5	TYPE 2	244	3	40			
106	BEAM	B'	20.5	TYPE 3	17	1	18			MULTIPLE LOCATIONS OVER 10 FT LENGTH
107	BEAM	B'.8	20	TYPE 3	3	1	1			
108	BEAM	B'	19.9	TYPE 3	2	1	2			
109	UNDERDECK	AB.2	19.6	TYPE 2	50	3	28			
110	UNDERDECK	AB.5	19.3	TYPE 2	17	2	10			
111	UNDERDECK	AB.7	19.8	TYPE 2	10	2	10			
112	BEAM	AB	19.7	TYPE 3	5	3	8			
113	UNDERDECK	A.5	19.5	TYPE 2	2	1	1			MULTIPLE SMALLER DEFECTS
114	BEAM	A	19.2	TYPE 3	66	2	20			
115	UNDERDECK	AB.5	19'	TYPE 2	17	3	6			
116	UNDERDECK	AB.4	19.5	TYPE 2	5	2	3			AT DECK DRAIN. DO NOT BLOCK DRAIN
117	UNDERDECK	AB.5	19.2	TYPE 2	18	2	2			
118	BEAM	B'	19.8	TYPE 3	3	4				
119	PILE CAPITAL	B'	19.5	TYPE 3	1	3	1			
120	BEAM	A	18'	TYPE 3	88	1	40			MULTIPLE LOCATIONS OVER 40 FT LENGTH
121	BEAM	AB.5	19	TYPE 3	1	1	1			
122	UNDERDECK	AB.7	18.4	TYPE 2	5	2	2			
123	BEAM	C	17.2	TYPE 3	10	2	4			
124	BEAM	C	17.7	TYPE 3	14					
125	UNDERDECK	A.5	17.3	TYPE 6	264	1	30			
126	BEAM	A	17.5	TYPE 3	27	5	12			
127	BEAM	AB	17.5	TYPE 3	25	2	10			
128	BEAM	B'	16.2	TYPE 3	2	3	2			
129	BEAM	C'	16.8	TYPE 3	1	2	1			
130	BEAM	C'	17.8	TYPE 3	7	3	5			
131	BEAM	C	20.7	TYPE 3	6	4	7			
132	BEAM	D	20.3	TYPE 3	3	2	1			
133	N.I.C.									
134	BEAM	D'	17.3	TYPE 3	1	1	1			
135	PILE CAPITAL	D	18	CRACK				6	3/8	
136	N.I.C.									
137	N.I.C.									
138	BEAM	E.5	17.5	TYPE 3	25	1	20			MULTIPLE SMALLER DEFECTS
139	UNDERDECK	E.2	19.8	TYPE 1	3	3	(2)			
140	BEAM	F	20.3	TYPE 3	11	3	6			
141	UNDERDECK	E'.8	20.2	TYPE 6	3	3				REMOVE HANGER AND STEEL BEAM
142	UNDERDECK	F.2	20.2	TYPE 6	2	1				REMOVE HANGER AND STEEL BEAM
143	BEAM	G	20.5	TYPE 3	17	3	10			
144	UNDERDECK	F'.8	20.2	TYPE 6	3	2				REMOVE HANGER AND STEEL BEAM
145	UNDERDECK	G.2	20.2	TYPE 6	2	2				REMOVE HANGER AND STEEL BEAM
146	PILE CAPITAL	F'	18.5	CRACK				2	1/4	
147	PILE CAPITAL	G	19.5	TYPE 4						
148	BEAM	AB	15.2	TYPE 3	2	1	3			
149	N.I.C.									
150	BEAM	A	14.5	TYPE 3	5	3	8			DRAIN AT BEAM LOCATION
151	BEAM	B'	13.4	TYPE 3	14					
152	BEAM	B'.5	13	TYPE 3	9	2	1			
153	BEAM	B'.8	14	TYPE 3	2	2	1			
154	BEAM	E	12'	TYPE 3	17	2	8			
155	BEAM	E	13.4	TYPE 3	1	1	1			
156	BEAM	E	13.7	TYPE 3	8	2	7			
157	BEAM	E	14.4	TYPE 3	8	3	17			
158	BEAM	E	14.9	TYPE 3	17	3	17			
159	BEAM	E	14.7	TYPE 3	5	2	4			
160	BEAM	E	15'	TYPE 3	22					
161	UNDERDECK	E.7	16	TYPE 1	4	5	(2)			
162	BEAM	E'	12.8	TYPE 3	1	2	2			
163	BEAM	F	12.4	TYPE 3	3	3	5			
164	N.I.C.									
165	N.I.C.									
166	N.I.C.									
167	BEAM	F	15'	TYPE 3	3	3	5			

DEFECT ID	ELEMENT	BENT	PILE	REPAIR TYPE	DEFECT NOTES			CRACK NOTES		NOTES
					DETERIORATED AREA (SF)	DEPTH (IN)	NO. BARS/(STRANDS) EXPOSED	LENGTH (FT)	WIDTH (IN)	
168	N.I.C.									
169	BEAM	F'	14.5	TYPE 3	6	1	4			
170	BEAM	F'	14.2	TYPE 3	5	2	4			
171	BEAM	F'	14.2	TYPE 3	7	1	7			
172	BEAM	F'	12.6	TYPE 3	3	2	2			
173	BEAM	F'	12.2	TYPE 3	4	1	5			
174	BEAM	G	15.2	TYPE 3	2	3	2			
175	BEAM	G'	14.4	TYPE 3	1	1	2			
176	N.I.C.									

NOTE:

- IF DISCREPANCY BETWEEN REPAIR PLAN AND REPAIR SCHEDULE EXISTS, SCHEDULE SHALL CONTROL.



The Honorable
Andrew M. Cuomo
Governor, State of New York
The Honorable
Bill de Blasio
Mayor, City of New York
The Honorable
Gale A. Brewer
Manhattan Borough President

Diana L. Taylor
Chair,
Hudson River Park Trust
Alicia Glen
Vice Chair,
Hudson River Park Trust
Madelyn Wills
President & CEO,
Hudson River Park Trust

Rose Harvey
Commissioner,
New York State Office of Parks,
Recreation and Historic Preservation
Mitchell J. Silver
Commissioner,
New York City
Parks & Recreation
Basil Saggios
Commissioner,
New York State Department of
Environmental Conservation



HUDSON RIVER PARK

PIER 40

STRUCTURAL RESTORATION

PHASE 4
C4874

Structural Engineers:

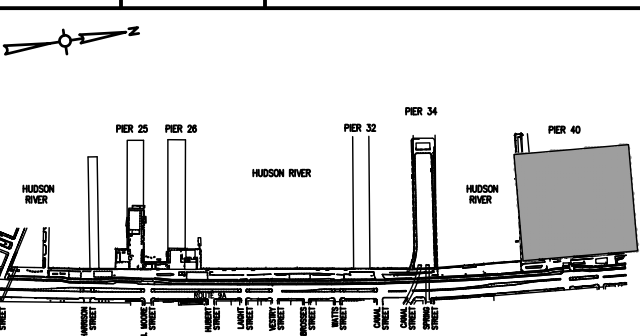
ch2m.
500 7th Avenue
NY, NY 10018
tel: 646 908 6550

sub-consultant:
INSIGHT ENGINEERING
222 BROADWAY 19TH FL.
NEW YORK NY 10038
OFFICE: 844.884.9664

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KS ENGINEERING, P.C.
494 BROAD STREET, 4TH FLOOR
NEWARK, NJ 07102
tel: 973.623.2999
fax: 973.242.2955

Seal

No.	Date	Revision
1	12/20/2018	



Key Plan
Drawing Title:

CONCRETE REPAIR SCHEDULE

Contract No. C4874
Drawn by: A.D. Sheet No. 16 of 16
Approved by: M.D. **S502**
Scale: NONE
Date: 11/13/2018