

PHASING PLAN

SCALE: 1" = 40'-0"



FORE RIVER
FLOOD → EBB

GENERAL PHASING NOTES:

1. THE PHASING SEQUENCE SHOWN HEREIN ACCOMMODATES FACILITY OPERATIONS, SECURITY, AND ANTICIPATED CONSTRUCTION SEQUENCE. THE CONSTRUCTION PHASE NOTES DESCRIBE THE WORK TO BE INCLUDED IN THE DESIGNATED PHASE HOWEVER DO NOT NECESSARILY DENOTE THE ORDER IN WHICH THE WORK MUST OCCUR.
2. SCHEDULING OF ALL WORK SHALL BE COORDINATED WITH THE PORT AUTHORITY AND THE RESIDENT. COORDINATION MEETINGS WITH THE PORT AUTHORITY, RESIDENT, AND CONTRACTOR WILL IDENTIFY THE LIMITS OF PROPOSED WORK SCHEDULED TO BE COMPLETED.
3. UTILITIES REMOVED FROM SERVICE MUST BE RECONNECTED AND OPERATIONAL WITHIN A TIME FRAME ACCEPTED BY THE OWNER. CCTV AND SECURITY SYSTEMS MUST REMAIN ONLINE AT ALL TIMES.
4. THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE UTILITIES TO ARRANGE FOR TERMINATION AND REMOVAL OF SALVAGEABLE EQUIPMENT AND MATERIALS.
5. THE PRIMARY CONSTRUCTION ZONE SHALL REMAIN CONFINED BY TEMPORARY FENCING AND SECURED GATES AT ALL TIMES. THE CONTRACTOR ACCESS GATE SHALL REMAIN CLOSED WHEN NOT IN USE AND SHALL BE LOCKED DAILY UPON COMPLETION OF CONSTRUCTION ACTIVITIES. DURING ACTIVITIES THAT RESULT IN GAPS IN SECURITY FENCING, THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTRICTING ACCESS INTO THE PRIMARY CONSTRUCTION ZONE.
6. THE PORT AUTHORITY MAY PERMIT THE TEMPORARY USE OF PORTIONS OF THE PORT OPERATIONS AREA AND THE CHASSIS STORAGE AREA TO THE CONTRACTOR FOR SHORT PERIODS OF TIME. REQUESTS MUST BE MADE IN WRITING TO THE AUTHORITY AND MUST DESCRIBE THE SIZE OF THE AREA NEEDED, FUNCTION, AND DURATION. THE PORT AUTHORITY WILL CONSIDER WRITTEN REQUESTS ONLY.
7. THE CONTRACTOR SHALL BE LIMITED TO THE CONTRACTOR WORK AREA AND CONTRACTOR STAGING AREA EXCEPT DURING SCHEDULED CONSTRUCTION ACTIVITIES WHICH MAY OCCUR IN THE PORT OPERATIONS AREAS. CONTRACTOR PERSONNEL SHALL HAVE THE PROPER SECURITY CLEARANCE PRIOR TO ENTERING THESE AREAS.
8. THE PRIMARY WHARF AND RAMP #1 HAVE A 1,000 PSF LIVE LOAD CAPACITY. RAMP #2 HAS A 700 PSF LIVE LOAD CAPACITY. THE FINGER PIER, RAMPS #3, AND #4 HAVE A 450 PSF LIVE LOAD CAPACITY.

PHASE 1 NOTES:

PRE-DEMOLITION:

1. INSTALL TEMPORARY FENCING AND ACCESS GATES AROUND THE PERIMETER OF THE PRIMARY CONSTRUCTION ZONE AND FINGER PIER.
2. INSTALL TURBIDITY CURTAIN AND DEBRIS BOOM BENEATH THE PRIMARY WHARF.
3. INSTALL NEW ELECTRICAL STANCHION ON THE WHARF AND THE NECESSARY ELECTRICAL WIRING FOR ALL THREE STANCHIONS.
4. INSTALL STORED HIGH MAST LIGHT, REEFER STANCHION, BOLLARD, AND 30-FT UTILITY POLE FOR CCTV CAMERAS.
5. RE-ROUTE TELECOMMUNICATION LINE TO UTILITY BUILDING AND RECONNECT.

PHASE 2 NOTES:

DEMOLITION:

1. REMOVE AND STORE CCTV SECURITY COMPONENTS FROM THE MAINTENANCE BUILDING. STORE COMPONENTS IN THE RUBB BUILDING. COORDINATE CCTV SECURITY WORK WITH OWNER'S SECURITY SYSTEM SUPPLIER/INSTALLER; GALAXY INTEGRATED TECHNOLOGIES. ALL CCTV SECURITY WORK MUST BE COMPLETE AND OPERATIONAL PRIOR TO DEMOLITION OF THE MAINTENANCE BUILDING.
2. DISCONNECT UNDERGROUND ELECTRICAL SERVICE TO THE MAINTENANCE BUILDING AND ELECTRICAL PANEL AT THE MAINTENANCE BUILDING. MODIFY ELECTRICAL SERVICE TO THE RUBB BUILDING. TERMINATE POWER TO THE MAINTENANCE BUILDING.
3. REMOVE EXISTING ELECTRICAL CONDUITS AND WIRING ASSOCIATED WITH WHARF SERVICE.
4. TERMINATE GAS SERVICE TO THE MAINTENANCE BUILDING AND PROPERLY DRAIN AND REMOVE UNUSED PIPES. REMOVE GAS METER AND RETURN TO UTILITY.
5. SHUT OFF AND DISCONNECT UNDERGROUND WATER SERVICES TO THE MAINTENANCE BUILDING. INSTALL NEW UTILITY VAULT AND MAKE MODIFICATIONS TO EXISTING WATER LINES TO ALLOW FOR CONTINUATION OF SERVICE TO WHARF (4-INCH LINE) AND CONTINUATION THROUGH SEAWALL (6-INCH LINE). REMOVE METERS, VALVES, AND OTHER EQUIPMENT AND RELOCATE WITHIN THE NEW UTILITY VAULT.
6. DISCONNECT UNDERGROUND SANITARY SERVICE TO THE MAINTENANCE BUILDING AND MAKE MODIFICATION TO ALLOW FOR CONTINUATION OF SERVICE THROUGH SEAWALL.
7. REMOVE MAINTENANCE BUILDING, MEETING ROOMS AND OFFICES, CANOPY, TIMBER DECK, AND RAMP #3.

PHASE 2 NOTES (CONTINUED):

DEMOLITION:

8. REMOVE SELECT AREAS OF CONCRETE CURBS, CONCRETE DECK, CONCRETE FOUNDATIONS, AND CONCRETE SEAWALL. REMOVE SELECT WHARF BOLLARDS.
9. CUT SELECT FOUNDATION PILES AS NOTED.
10. REMOVE TOP PORTION OF CATCH BASIN TO A MINIMUM OF 4' BELOW GRADE. FILL PIPE AND ABANDON. PLUG PIPE AT SEAWALL. FILL IN REMAINING CATCH BASIN WITH GRAVEL.

PHASE 3 NOTES:

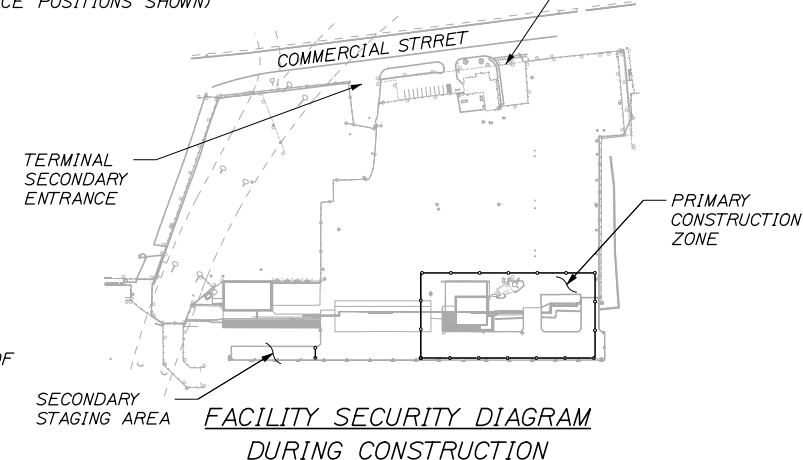
INSTALLATION:

1. INSTALL WATER LINES, SEWER LINE, AND 4" DIA. CONDUIT (EMPTY). EXTEND THROUGH SEAWALL AND CAP.
2. SHIFT LOCATION OF ROCKS FROM EXISTING STONE SEAWALL TO EASE GRADE DIFFERENTIAL AND AVOID CONFLICT WITH NEW PILES.
3. INSTALL WHARF FOUNDATION ELEMENTS.
4. INSTALL WHARF AND APPROACH SLAB.
5. INSTALL REMAINING SITE BOLLARDS. PERFORM GRADING ALONG APPROACH SLAB AND HIGH MAST LIGHT.
6. INSTALL PAVEMENT.
7. REMOVE BROKEN WATERLINE IN UNDERDECK.
8. REMOVE TEMPORARY FENCING AND ACCESS GATE(S).

99% DESIGN
December 15, 2017

NOTE:

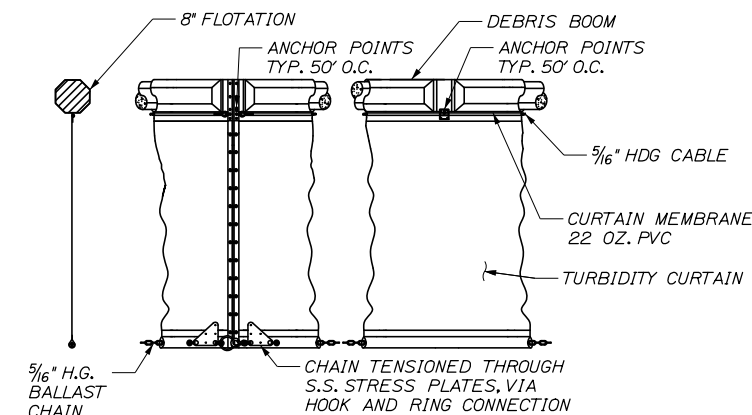
DEBRIS BOOM AND TURBIDITY CURTAIN AS MANUFACTURED BY ELATEC/AMERICAN MARINE OR APPROVED EQUAL



N.T.S.

LEGEND

- --- ○ EXISTING FACILITY SECURITY FENCING
- --- ○ TEMPORARY FENCING



TEMPORARY DEBRIS BOOM AND TURBIDITY CURTAIN DETAIL

N.T.S.

DATE	12/17	12/17			
BY	P. Bishop	C. Marin			
PROJ. MANAGER	J. Burns	T. Poulin			
DESIGN-DETAILED					
CHECKED-REVIEWED					
DESIGNS-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

DATE					
BY					
PROJ. MANAGER					
DESIGN-DETAILED					
CHECKED-REVIEWED					
DESIGNS-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

PORTLAND INTERNATIONAL MARINE TERMINAL
MAINE INTERMODAL PORT PRODUCTIVITY PROJECT
WHARF INFILL & BUILDING REMOVAL
CUMBERLAND COUNTY
PORTLAND
CONSTRUCTION PHASING PLAN

SHEET NUMBER

C01

