

NAPLES BEACH RESTORATION & WATER QUALITY IMPROVEMENT PROJECT CONSTRUCTION DRAWINGS FOR DIRECTIONAL DRILL

Prepared For:

CITY OF NAPLES
735 8th St S,
Naples, FL 34102



Teresa Heitmann, Mayor
Mike McCabe, Vice Mayor
Beth Petrunoff, Council Member
Terry Hutchison, Council Member
Paul Perry, Council Member
Ted Blankenship, Council Member
Raymond Christman, Council Member

Jay Boodheshwar, City Manager

Bob Middleton,
Streets & Stormwater Management Interim Director

Prepared By:



Erickson Consulting Engineers
7201 Delainey Court
Sarasota FL, 34240
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Date: SEPTEMBER 2022

Issued for Construction



VICINITY MAP

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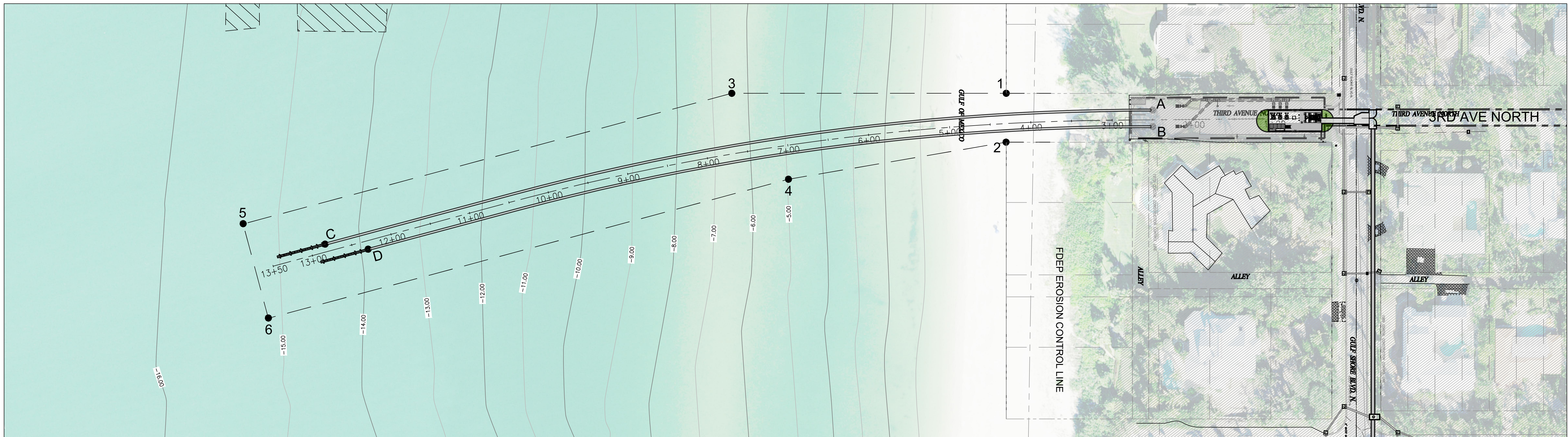
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ECE Project No.: 20-380



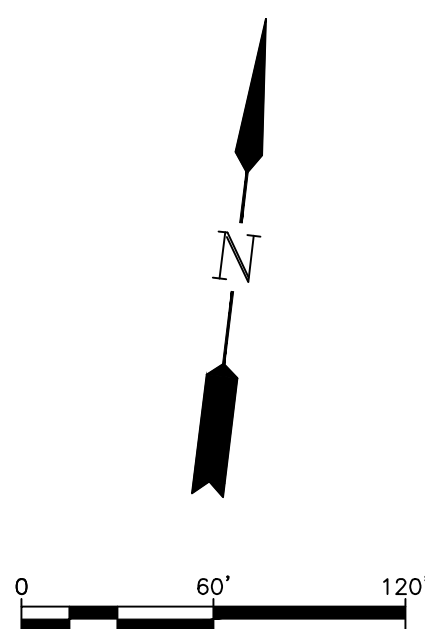
COORDINATE TABLE - PIPELINE STATIONS		
POINT	NORTHING	EASTING
0+00	660805	391384
1+00	660792	391285
2+00	660792	391282
3+00	660766	391087
4+00	660751	390988
5+00	660733	390890
6+00	660712	390792
7+00	660687	390695
8+00	660659	390599
9+00	660628	390504
10+00	660594	390410
11+00	660556	390317

COORDINATE TABLE - PIPELINE STATIONS		
POINT	NORTHING	EASTING
12+00	660519	390225
13+00	660481	390132
13+50	660462	390086

COORDINATE TABLE - BENCH MARKS		
POINT	NORTHING	EASTING
BM1	660753	391118
BM2	660776	391371

COORDINATE TABLE - SUBMERGED LANDS EASEMENT		
POINT	NORTHING	EASTING
1	660783	390954
2	660724	390961
3	660742	390620
4	660646	390702
5	660510	390043
6	660399	390088

COORDINATE TABLE - HDD			
POINT	NORTHING	EASTING	PIPE INFO.
A	660785	391133	NORTH LINE ENTRY
B	660765	391138	SOUTH LINE ENTRY
C	660498	390146	NORTH LINE EXIT
D	660498	390200	SOUTH LINE EXIT

[illegible]

ISSUED	CONSTRUCTION DRAWINGS	KME	APPROVED	22.09.12
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ISSUED	90% DESIGN DRAWINGS	KME	APPROVED	21.05.14
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Issued	By	Appd.	YY.MM.DD
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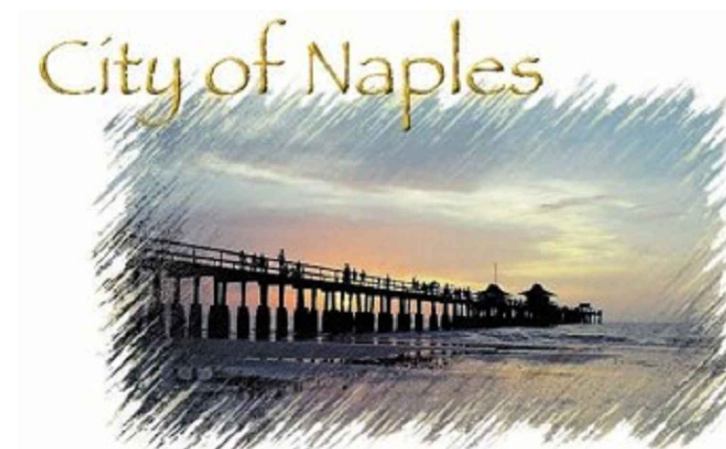
Client/Project

CITY OF NAPLES
735 8th St S
NAPLES, FL.

Naples Beach Restoration
& Water Quality
Improvement Project

File Name: 16-329_Naples Outfalls_DirectionalDrill.dwg

SMT	KME	KME	21.05.14
Dwn.	Chkd.	Dsan.	YY.MM.DD



Title

CONSTRUCTION BASELINE & SURVEY CONTROL

Project No.
16-329

Scale
AS NOTED

Drawing No.

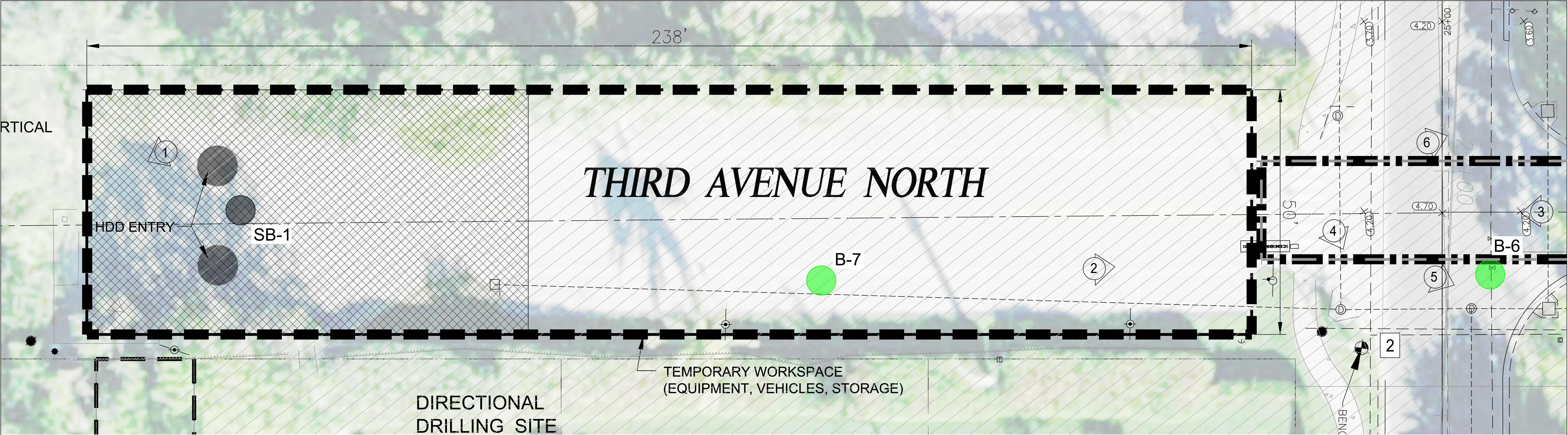
Sheet Revision

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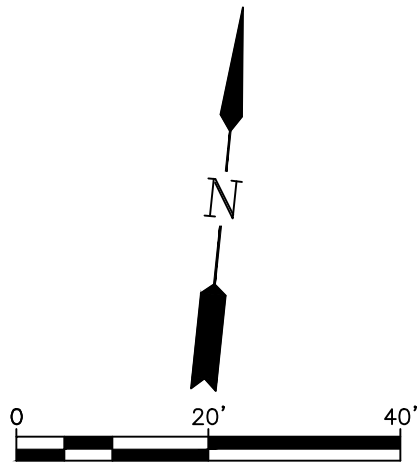
LEGEND

20' BORING

100' BORING

LIMITS OF DEMOLITION

- DEMOLITION NOTES:**
1. THE CONTRACTOR SHALL VISIT THE SITE TO EVALUATE THE DEMOLITION WORK REQUIRED TO COMPLETE THE PROPOSED PROJECT AND CONFIRM THE ACCURACY OF THE DRAWINGS PRIOR TO PREPARING HIS OR HER BID.
 2. THE DEMOLITION WORK SHALL GENERALLY REQUIRE THE REMOVAL OF ALL EXISTING PAVEMENT, CURBING AND LANDSCAPING WITHIN THE LIMITS OF DEMOLITION. CONTRACTOR SHALL TAKE CARE TO PROTECT PLANTINGS ALONG THE PROPERTY LINES THAT DO NOT IMPACT CONSTRUCTION OF THE PROPOSED PROJECT AND PROVIDE VISUAL SCREENING FOR THE NEIGHBORING PROPERTIES. THIS NOTE IS NOT INTENDED TO BE A COMPREHENSIVE DESCRIPTION OF THE DEMOLITION WORK AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE FULL EXTENT OF DEMOLITION TO ACCOMPLISH INSTALLATION OF THE PROPOSED PROJECT IMPROVEMENTS.
 3. DISPOSAL OF MATERIALS REMOVED DURING DEMOLITION SHALL BE IN A LEGAL MANOR AND IN COMPLIANCE WITH ALL APPLICABLE LOCAL, COUNTY, STATE, AND FEDERAL LAWS AND REGULATIONS.
 4. DISPOSAL COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACTORS BID.
 5. ALL APPROPRIATE SAFEGUARDS SHALL BE PUT IN PLACE BY THE CONTRACTOR TO PROTECT THE ENVIRONMENT & CONDUCT DEWATERING IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES.
 6. DEMOLITION AND DISPOSAL ACTIVITIES SHALL BE CONDUCTED BY THE CONTRACTOR TO MINIMIZE DUST AND NOISE NUISANCE FOR ADJACENT RESIDENTIAL PROPERTIES.
 7. CONTRACTOR SHALL CONDUCT OPERATIONS IN A MANNER THAT WILL MINIMIZE IMPACT TO LOCAL TRAFFIC.
 8. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE STRUCTURES AND PIPING THROUGHOUT THE CONSTRUCTION PERIOD.



Z:\CADD_Graphics\US Projects\16-329_Naples Outfalls_Phase II\Images\EXISTING CONDITIONS\3rd Ave_NL_8329.JPG

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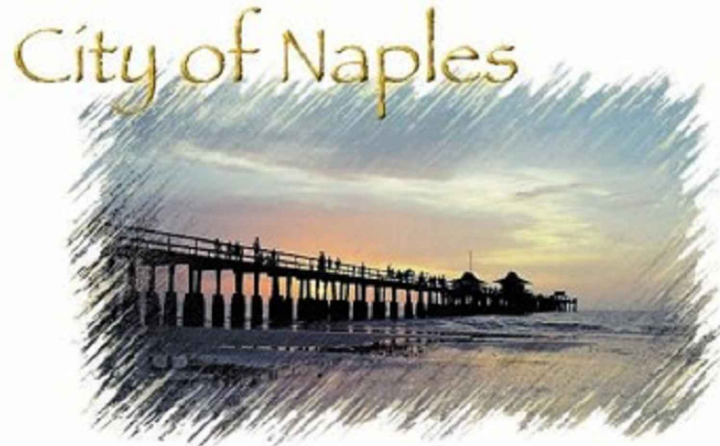
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File Name: 16-329_Naples Outfalls_DirectionalDrill.dwg

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Dwn.	Chkd.	Dsgn.	YY.MM.DD



Title

3RD AVENUE NORTH EXISTING CONDITIONS
AND DEMOLITION PLAN

Project No.
16-329

Scale
AS NOTED

Drawing No.

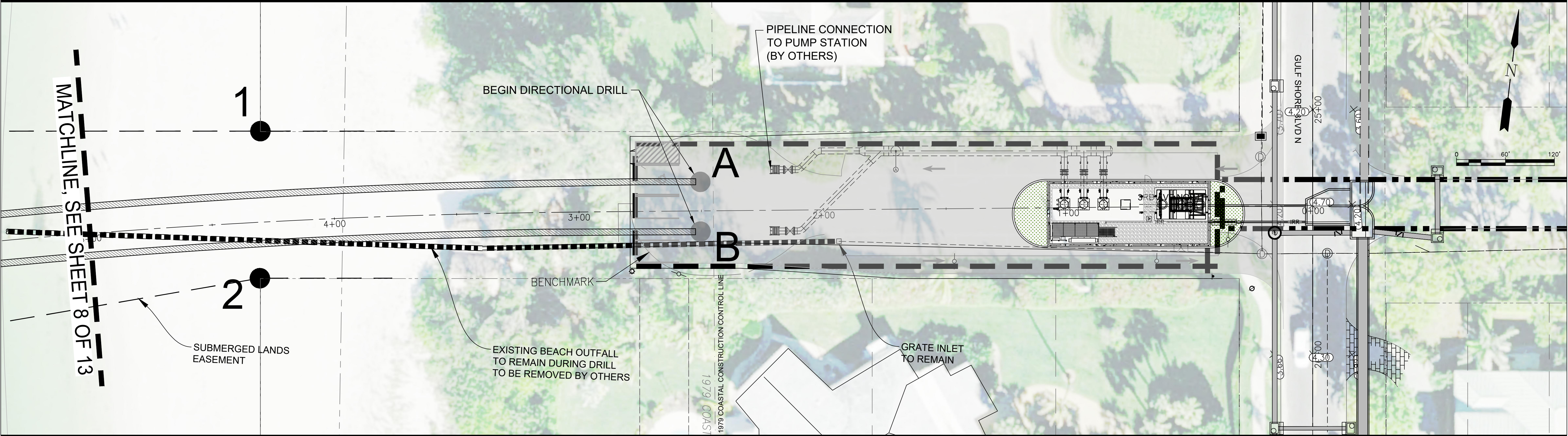
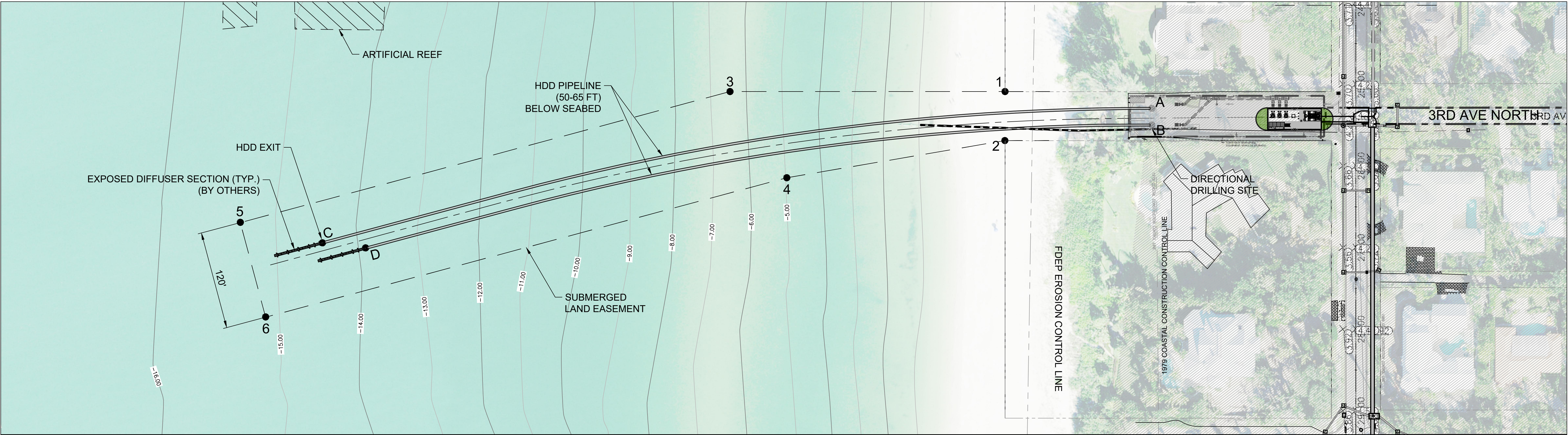
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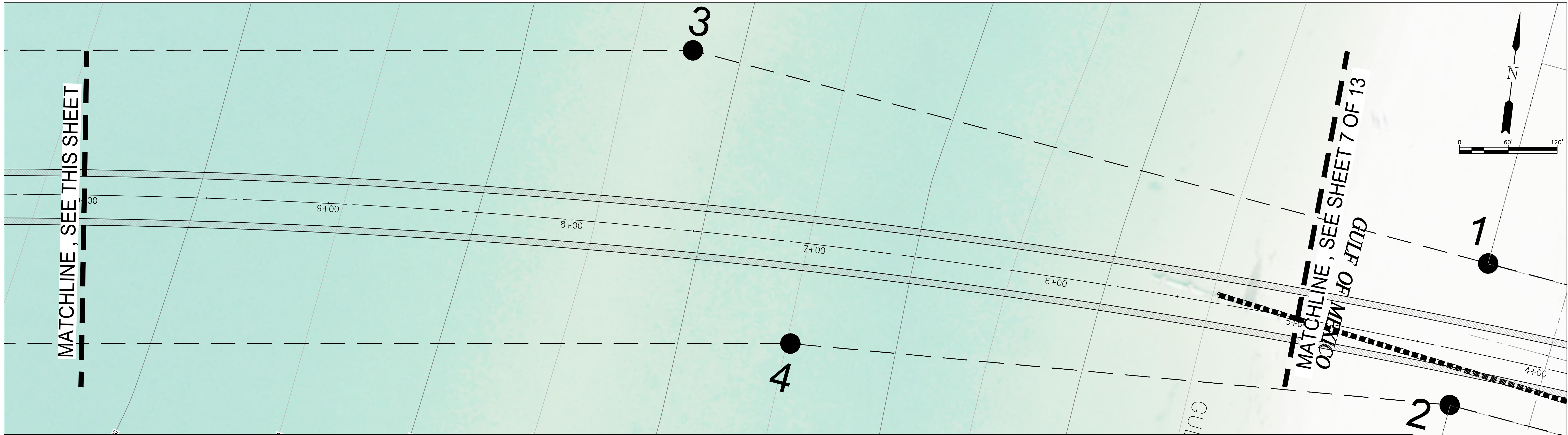
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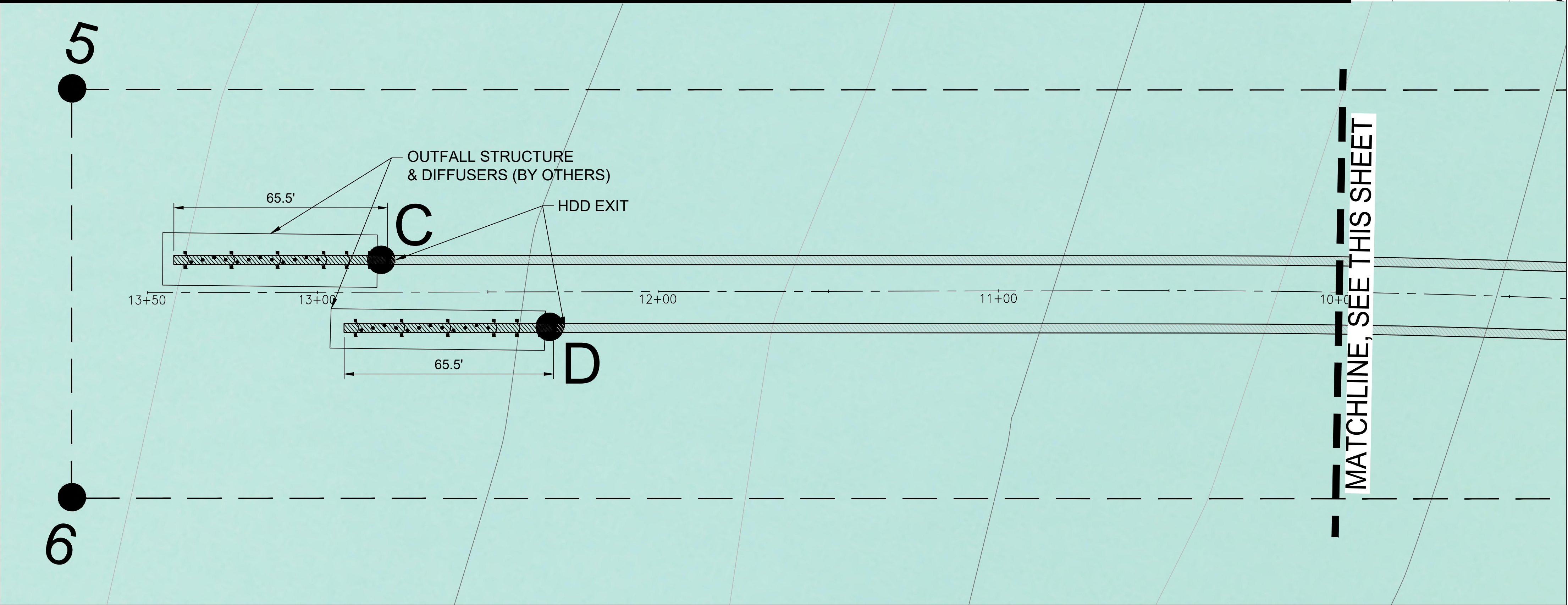


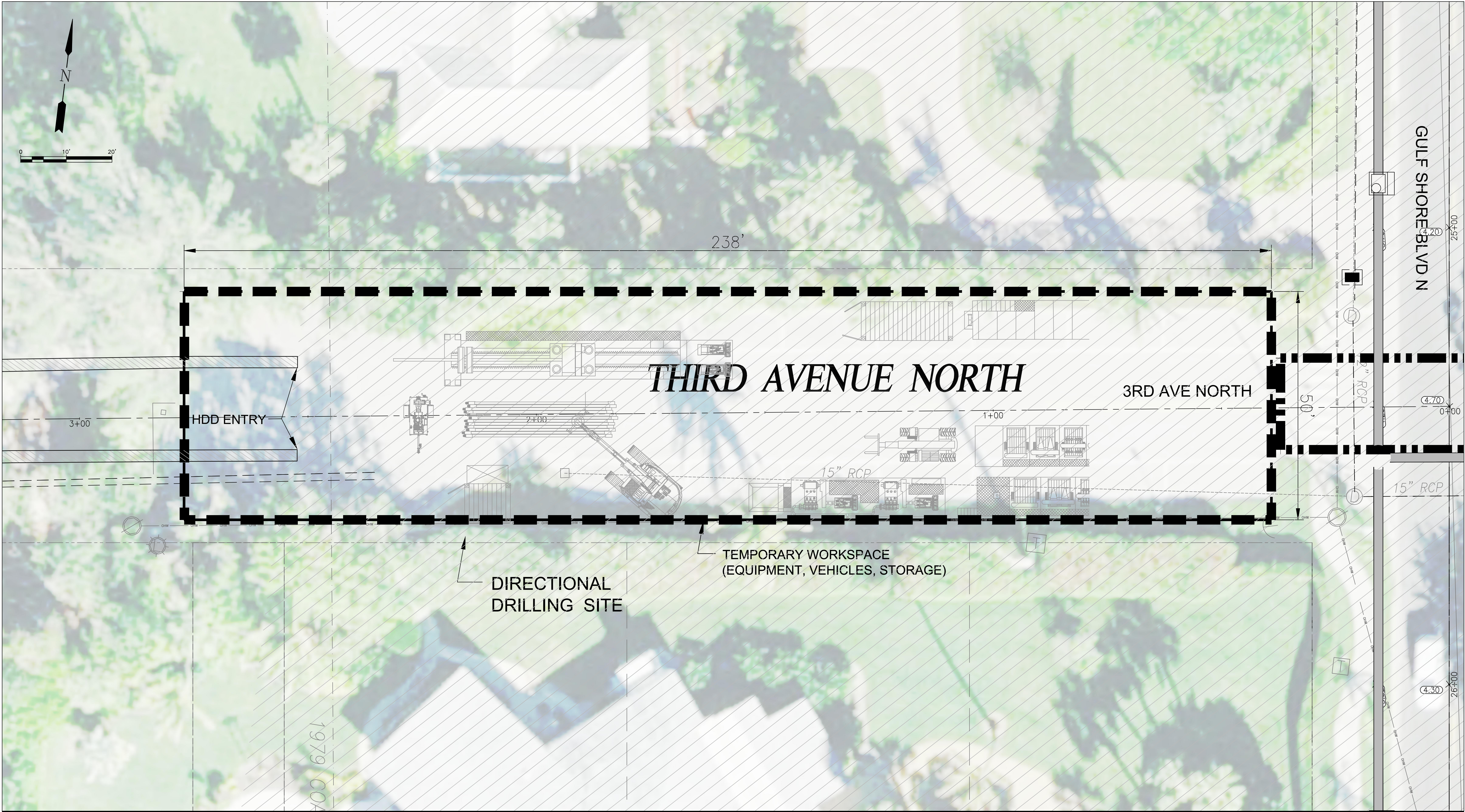
<table border="1"><thead><tr><th>Revision</th><th>By</th><th>Appd.</th><th>YY.MM.DD</th></tr></thead><tbody><tr><td>REV 1</td><td>Revised HDD Exit and Diffuser Location</td><td>KME</td><td>APPROVED 21.12.07</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				Revision	By	Appd.	YY.MM.DD	REV 1	Revised HDD Exit and Diffuser Location	KME	APPROVED 21.12.07																																					<table border="1"><thead><tr><th>Issued</th><th>By</th><th>Appd.</th><th>YY.MM.DD</th></tr></thead><tbody><tr><td>ISSUED</td><td>CONSTRUCTION DRAWINGS</td><td>KME</td><td>APPROVED 22.09.12</td></tr><tr><td>ISSUED</td><td>90% DESIGN DRAWINGS</td><td>KME</td><td>APPROVED 21.05.14</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				Issued	By	Appd.	YY.MM.DD	ISSUED	CONSTRUCTION DRAWINGS	KME	APPROVED 22.09.12	ISSUED	90% DESIGN DRAWINGS	KME	APPROVED 21.05.14																																	<div><p>ECE Erickson Consulting Engineers</p><p>7201 Delaney Court Sarasota, FL 32420 www.ericksonconsultingengineers.com</p><p>Copyright Reserved</p><p>The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Erickson Consulting Engineers (ECE) without delay. The Copyrights to all designs and drawings are the property of ECE. Reproduction or use for any purpose other than that authorized by ECE is forbidden.</p></div>				<div><p>Client/Project</p><p>CITY OF NAPLES 735 8th St S NAPLES, FL.</p><p>Naples Beach Restoration & Water Quality Improvement Project</p><p>File Name: 16-329_Naples Outfalls_DirectionalDrill.dwg</p><table border="1"><thead><tr><th>SMT</th><th>KME</th><th>KME</th><th>21.05.14</th></tr></thead><tbody><tr><td>Dwn.</td><td>Chkd.</td><td>Dsgn.</td><td>YY.MM.DD</td></tr></tbody></table></div> <div></div>				SMT	KME	KME	21.05.14	Dwn.	Chkd.	Dsgn.	YY.MM.DD	<table border="1"><thead><tr><th colspan="3">Title</th></tr><tr><th colspan="3">PIPELINES PLAN</th></tr></thead><tbody><tr><td>Project No.</td><td>Scale</td><td>Revision</td></tr><tr><td>16-329</td><td>AS NOTED</td><td> </td></tr><tr><td>Drawing No.</td><td>Sheet</td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> <p>7 of 13 0</p>				Title			PIPELINES PLAN			Project No.	Scale	Revision	16-329	AS NOTED		Drawing No.	Sheet				
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COORDINATE TABLE - HDD			
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C	660498	390146	NORTH LINE EXIT
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COORDINATE TABLE - SUBMERGED LANDS EASEMENT		
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1	660783	390954
2	660724	390961
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4	660646	390702
5	660510	390043
6	660399	390088

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REV 1	Revised HDD Exit and Diffuser Location	KME	APPROVED	21.12.07
Revision		By	Appd.	YY.MM.DD



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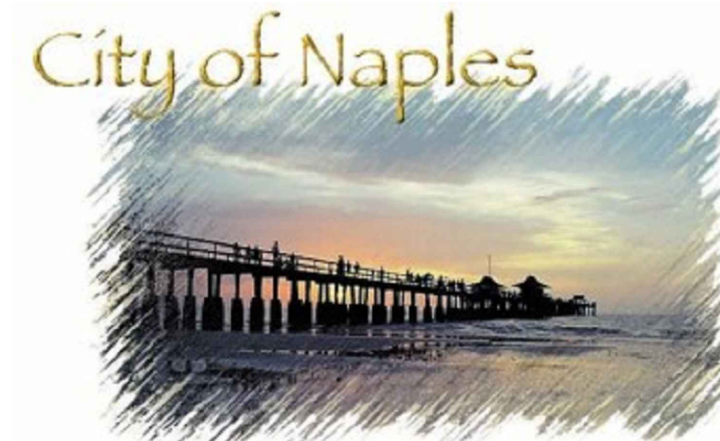
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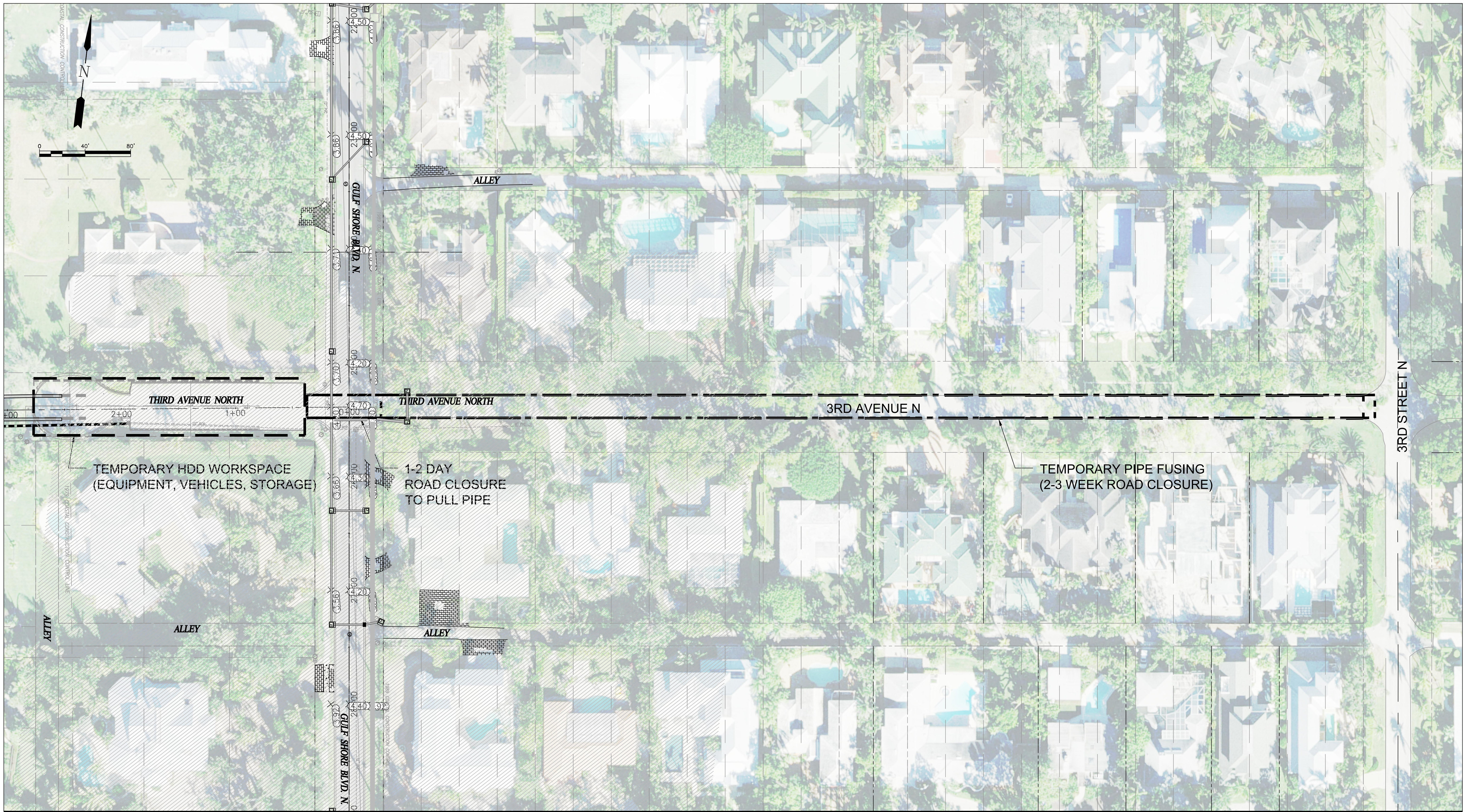
CONSTRUCTION ACCESS
& STAGING PLAN
3RD AVE N

Project No.
16-329

Scale
AS NOTED

Drawing No.

Sheet	Revision
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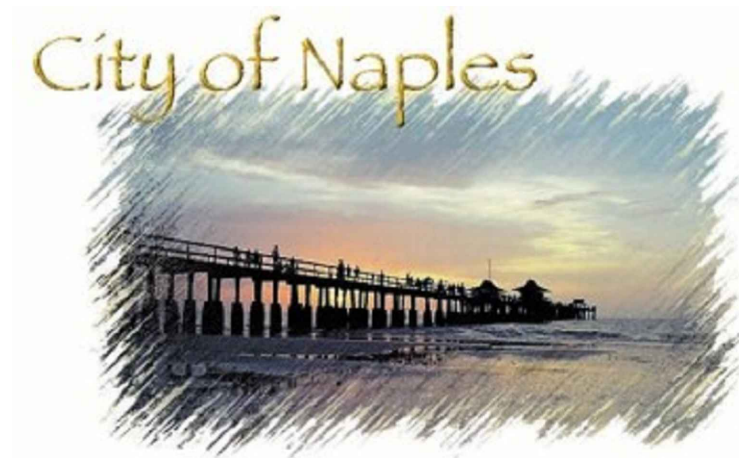
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Title

CONSTRUCTION ACCESS
& STAGING PLAN
PIPE FUSING & STAGING

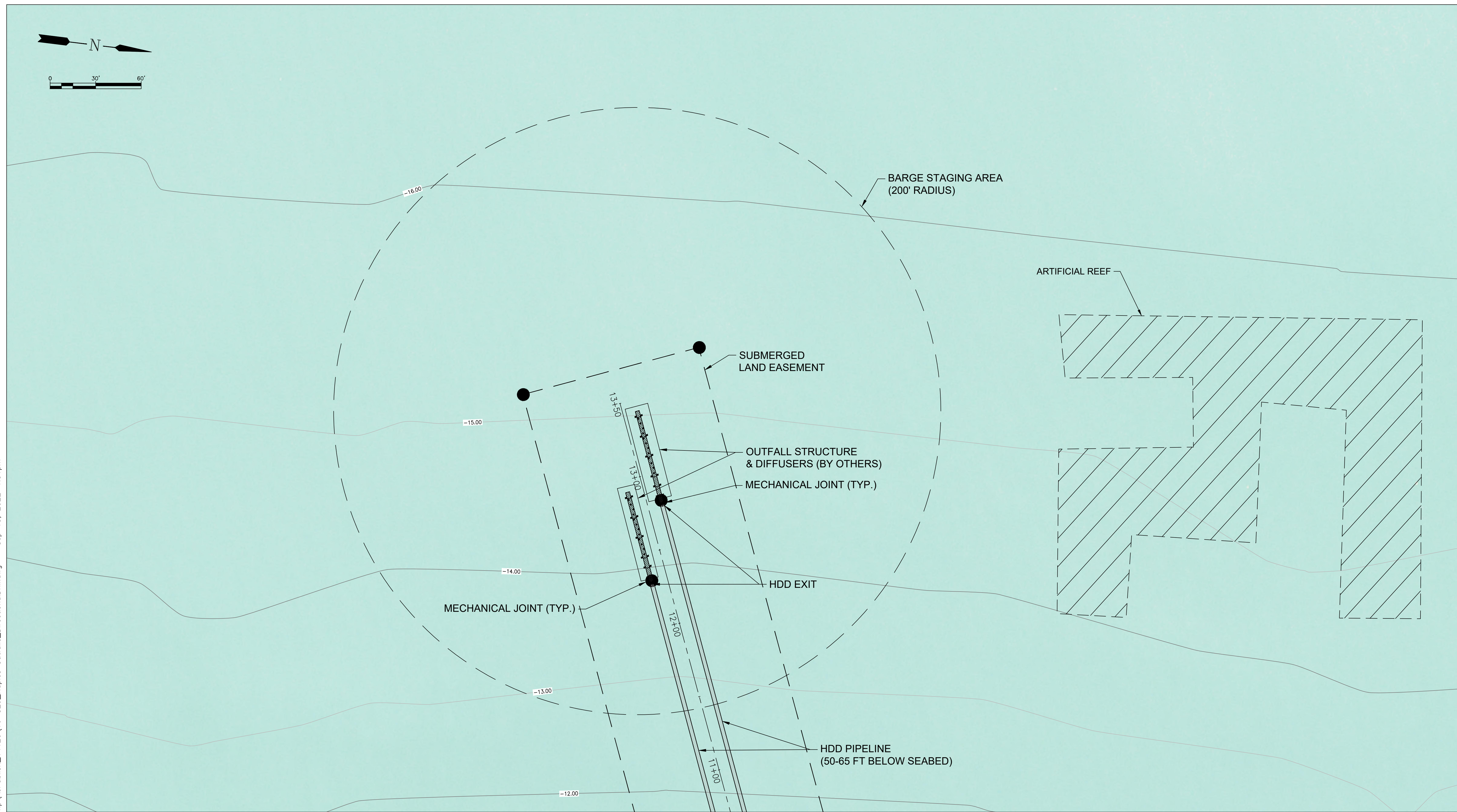
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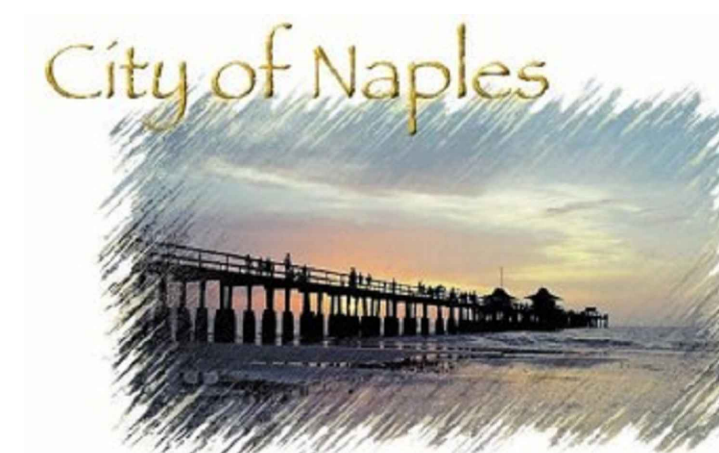
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Title

CONSTRUCTION ACCESS & STAGING PLAN OFFSHORE

Project No.
16-329

Scale
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Sheet Revision