

COVER SHEET FOR

BEACH PATROL HEADQUARTERS RENOVATIONS

CITY OF NORTH WILDWOOD

CAPE MAY COUNTY, N.J.

MUNICIPAL ENGINEER, SITE/ CIVIL ENGINEER AND CONTRACT ADMINISTRATOR

VAN NOTE HARVEY ASSOCIATES, INC.
 211 BAYBERRY DRIVE, SUITE 2-E
 CAPE MAY COURT HOUSE, N.J. 08210
 TELEPHONE: 609.465.2600 FAX 609.465.8028
 CONTACT: JIM VERNA III, EXTENSION 325
 JVERNA@VANNOTEHARVEY.COM (SHEETS 1-5)

ARCHITECT

FENWICK ARCHITECTS
 646 OCEAN HEIGHTS AVE
 LINWOOD, NJ 08221
 TELEPHONE: 609.653.0222 FAX 609.653.1637 (SHEETS 1-15)

MECHANICAL / ELECTRICAL ENGINEER

MPE CONSULTING AND DESIGN, LLC
 1035 NORTH BACK HORSE PIKE, SUITE 3
 WILLIAMSTOWN, NJ 08094
 TELEPHONE: 856.875.7001 FAX 856.875.7752 (SHEETS 1-14)

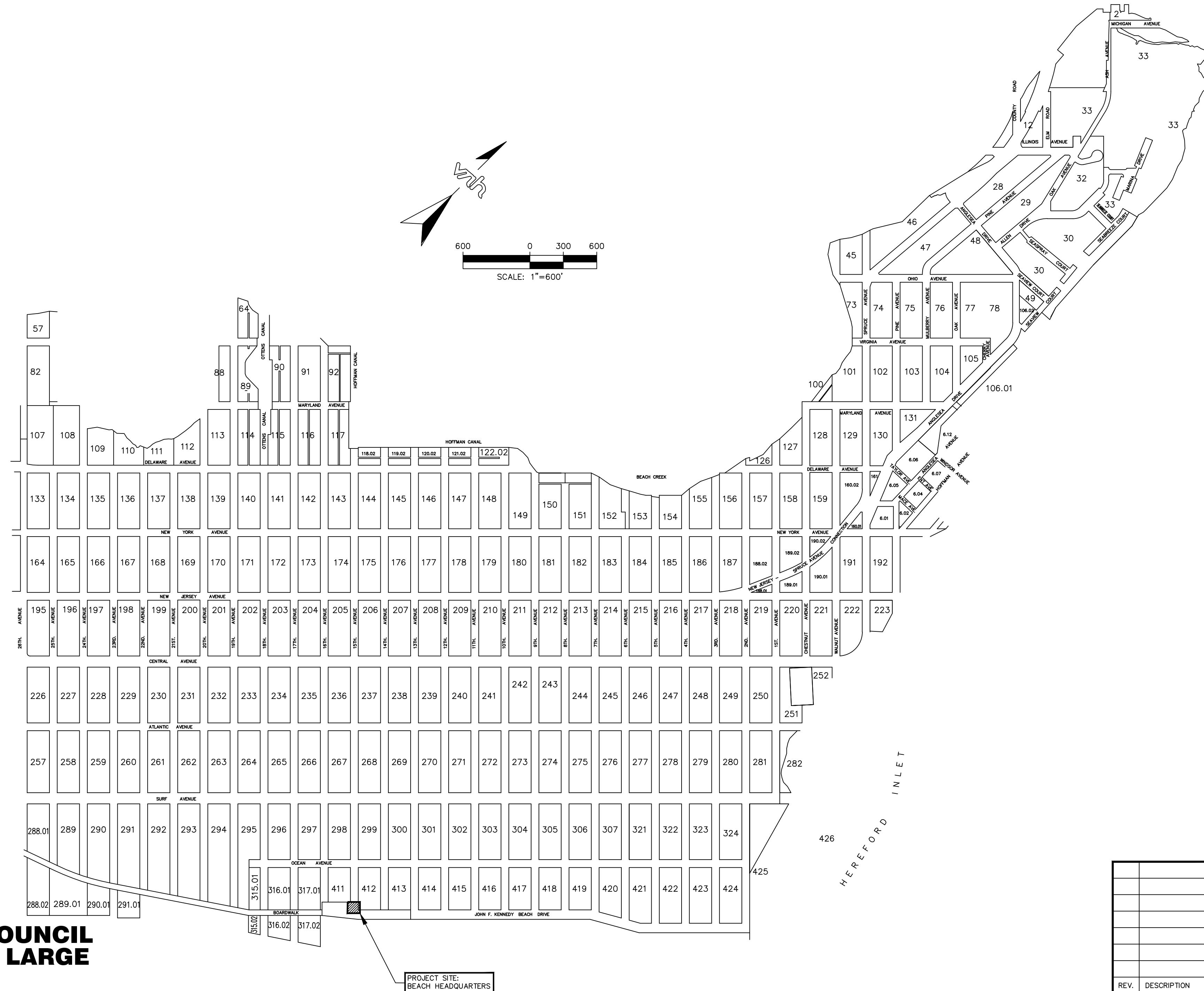
NOTES:
 LOCATION OF UTILITIES IS BASED UPON BEST AVAILABLE INFORMATION AND PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS IN THE FIELD. THE LEAST OF WHICH SHALL BE BY TELEPHONING GARDEN STATE UNDERGROUND PLANT LOCATION SERVICE AT 1-800-272-1000.

DATUM: NORTH AMERICAN VERTICAL DATUM ADJUSTMENT OF 1988

CITY OF NORTH WILDWOOD

PATRICK ROSENELLO
SALVATORE ZAMPIRRI
EDWIN KOEHLER
KELLYANN TOLOMEI
MARGARET BISHOP
DAVID DEL CONTE
JAMES KANE
JOSEPH RULLO

MAYOR
PRESIDENT OF COUNCIL
COUNCILMAN AT LARGE
COUNCILWOMAN
COUNCILWOMAN
COUNCILMAN
COUNCILMAN
COUNCILMAN



NOTES:

- THE CONTRACTOR SHALL VERIFY THE ACTUAL DEPTHS AND LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE COST OF PERFORMING ALL TEST HOLES FOR THE PURPOSE OF UTILITY VERIFICATION SHALL BE INCLUDED IN THE UNIT PRICES BID FOR ALL ITEMS IN THE CONTRACT.
- THE CITY OF NORTH WILDWOOD AND VAN NOTE-HARVEY ASSOCIATES, INC. THEIR OFFICERS AND EMPLOYEES SHALL BE NAMED AS ADDITIONAL INSURED ON THE INSURANCE CERTIFICATES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEWATERING, THE COST OF WHICH SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES BID FOR ALL ITEMS. THERE IS NO SEPARATE PAYMENT FOR DEWATERING.
- ALL TEST HOLES SHALL BE EXCAVATED PRIOR TO ORDERING ANY MATERIALS AND AT LEAST 7 DAYS PRIOR TO START OF CONSTRUCTIONS.
- THE CONTRACTOR MUST COMPLETE INLET STABILIZATION PRIOR TO COMMENCING ANY WORK.
- ALL CONCRETE SHALL HAVE TWO COATS OF A CURING COMPOUND AND WATERPROOFING AGENT APPLIED WITHIN 2 HOURS OF FINISHING CONCRETE. VOCOMP25 OR APPROVED EQUAL SHALL BE USED.

UTILITY CONTACT INFORMATION

ATLANTIC CITY ELECTRIC COMPANY
 420 ROUTE 9 NORTH
 CAPE MAY COURT HOUSE, N.J. 08210
 CONTACT: MR. DENNIS SMITH, TELEPHONE: (800) 642-3780

VERIZON - NJ
 10 TANSBORO ROAD, FLOOR 2
 BERLIN, N.J. 08009
 CONTACT: MR. DOUGLAS C. WEBB, TELEPHONE: (856) 306-8611

CAPE MAY COUNTY MUNICIPAL UTILITIES AUTHORITY
 ROUTE US 9/ P.O. BOX 10
 CAPE MAY COURT HOUSE, N.J. 08210
 CONTACT: THOMAS LARROCCO, TELEPHONE: (609) 465-9026

COMCAST CABLE
 901 W. LEEDS AVENUE
 ABSECON, N.J. 08201
 CONTACT: MR. BOB MAYEUX, TELEPHONE: (609) 677-7332

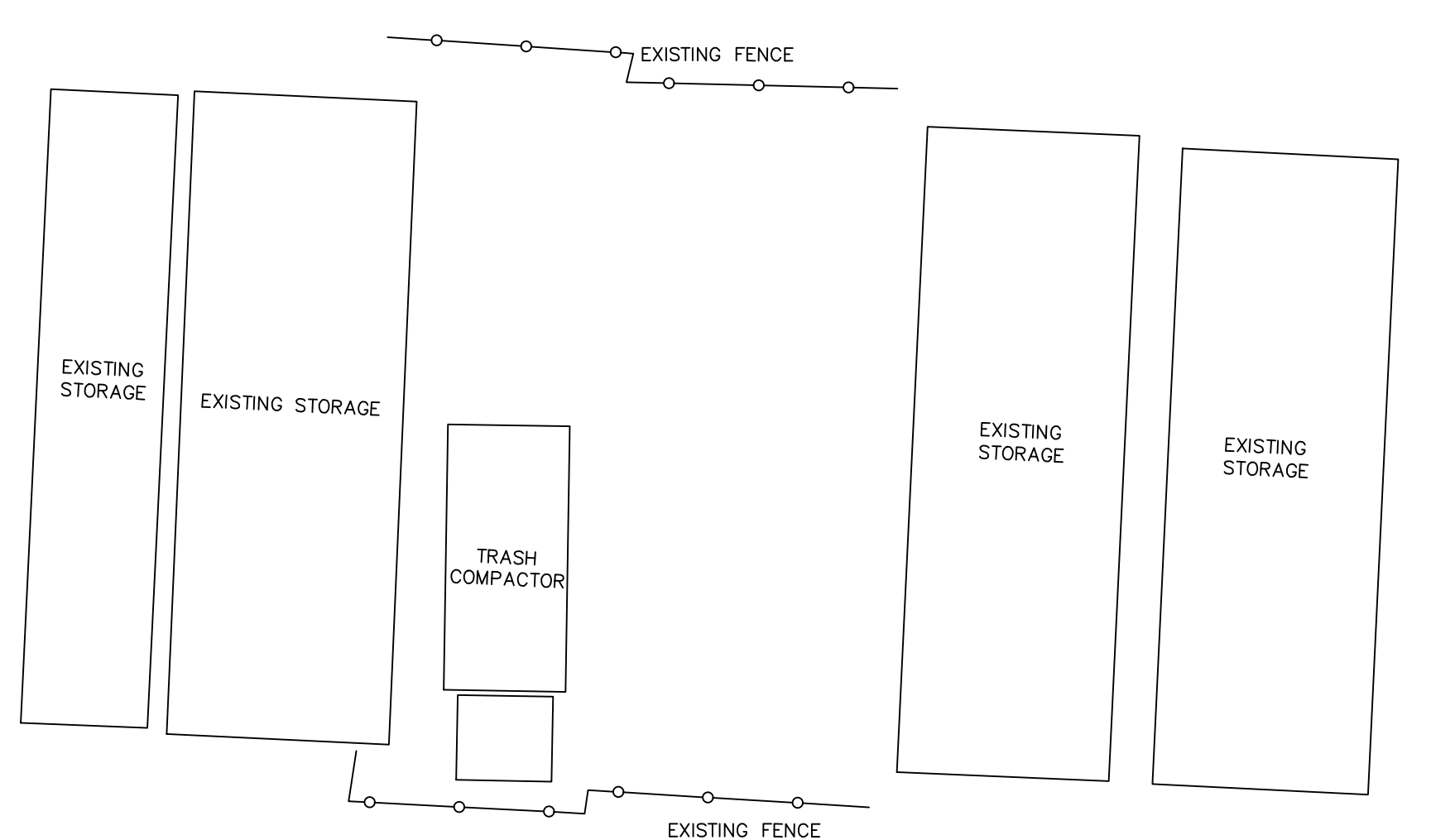
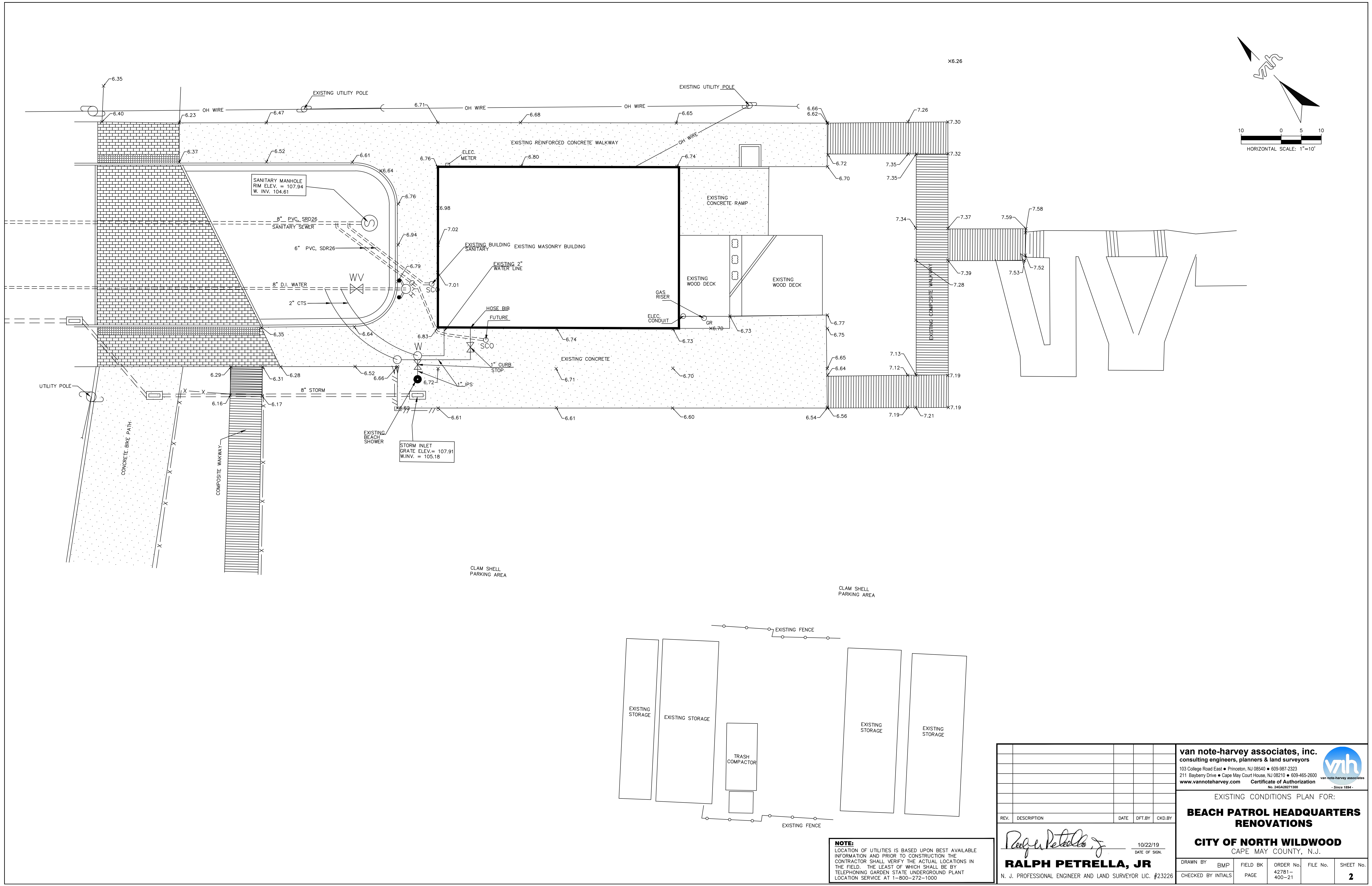
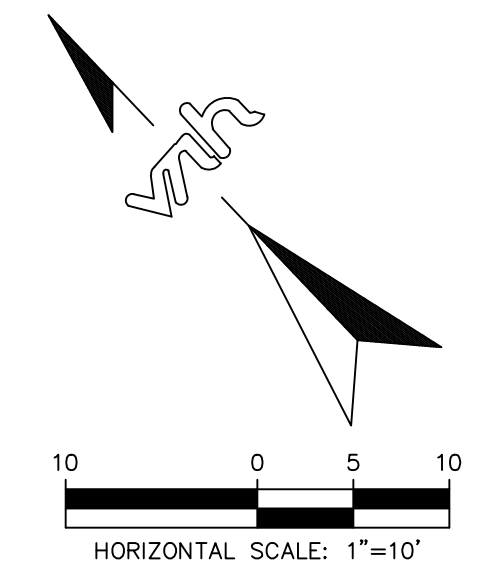
SOUTH JERSEY GAS COMPANY
 1708 ROUTE 9 NORTH
 CAPE MAY COURT HOUSE, N.J. 08210
 CONTACT: MR. ROB RITTER, TELEPHONE: (609) 465-2900

NORTH WILDWOOD SEWER DEPARTMENT
 511 WEST OAK AVENUE
 NORTH WILDWOOD, N.J. 08260
 CONTACT: DOUG NORBERG, DPW SUPERINTENDENT, TELEPHONE: (609) 522-4646

WILDWOOD WATER UTILITY
 4400 NEW JERSEY AVENUE
 WILDWOOD, N.J. 08260
 CONTACT: MICHAEL MCINTYRE, PE, DIRECTOR, TELEPHONE: (609) 846-0600

NOTE:
 ATTENTION IS CALLED TO THE FACT THE CITY OF NORTH WILDWOOD IS A BARRIER ISLAND COMMUNITY WITH EXTREMELY SHALLOW GROUND WATER TABLE AND POOR SOIL CONDITIONS. DEWATERING MAY BE REQUIRED FOR IMPROVEMENTS AND THERE IS NO SEPARATE PAYMENT FOR DEWATERING. THE CONTRACTOR MUST TAKE ALL NECESSARY STEPS TO DEWATER THE SITE AND TO PROTECT THE VARIOUS UTILITIES. THE CONTRACTOR WILL NOT BE PERMITTED TO WORK WITHOUT PROPERLY AND SATISFACTORILY DEWATERING.

van note-harvey associates, inc. consulting engineers, planners & land surveyors 103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2600 www.vannoteharvey.com Certificate of Authorization No. 246A0221300 - Since 1894 -																											
COVER SHEET FOR: BEACH PATROL HEADQUARTERS RENOVATIONS CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.																											
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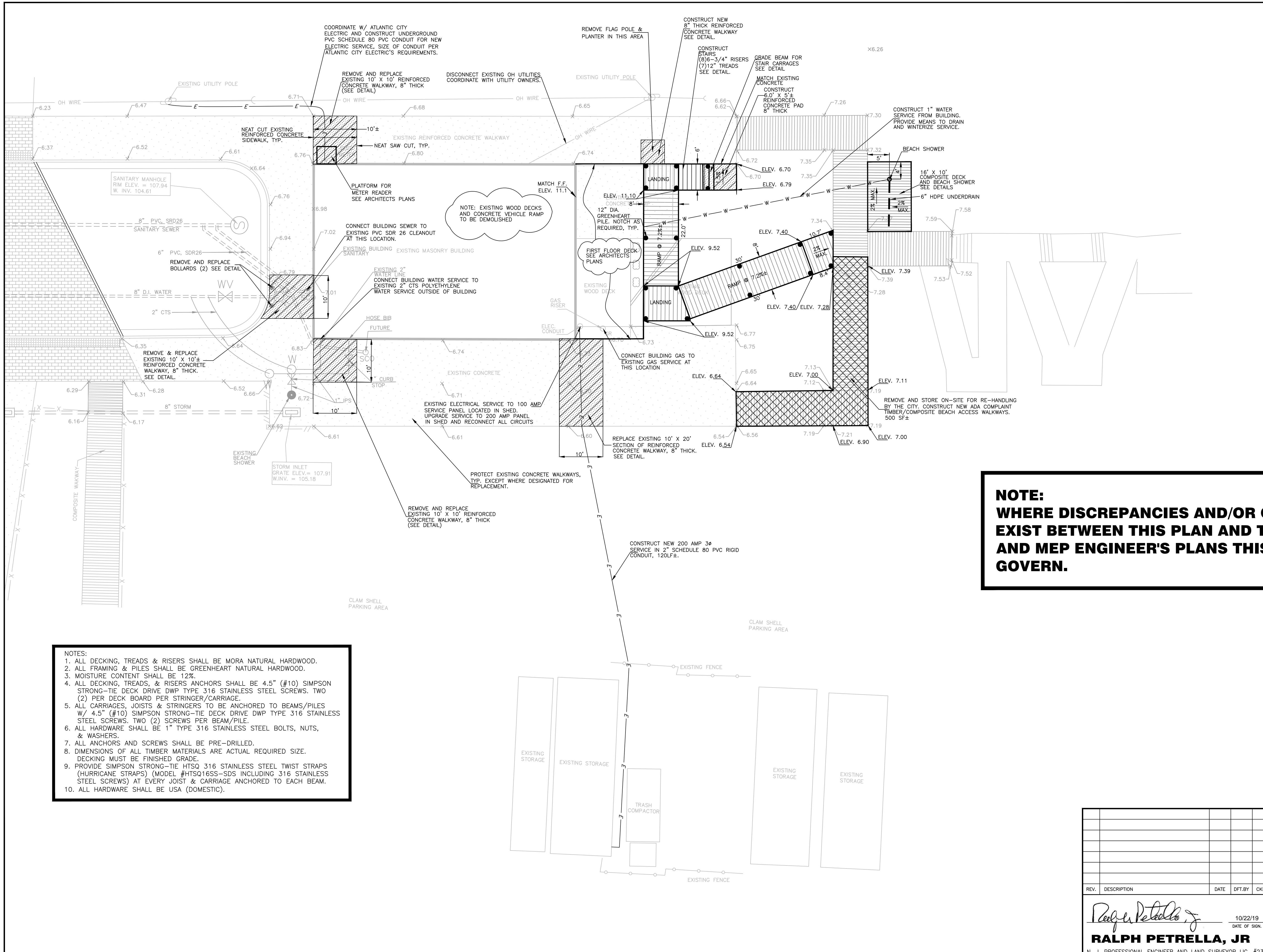
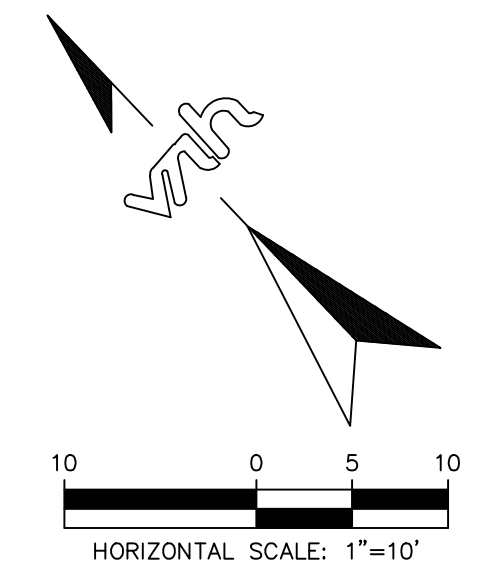
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10/22/19
 DATE OF SIGN.
RALPH PETRELLA, JR
 N. J. PROFESSIONAL ENGINEER AND LAND SURVEYOR LIC. #23226

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 consulting engineers, planners & land surveyors
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 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2600
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EXISTING CONDITIONS PLAN FOR:
BEACH PATROL HEADQUARTERS RENOVATIONS
CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

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**NOTE:
WHERE DISCREPANCIES AND/OR CONFLICTS
EXIST BETWEEN THIS PLAN AND THE ARCHITECT'S
AND MEP ENGINEER'S PLANS THIS PLAN SHALL
GOVERN.**

- NOTES:
1. ALL DECKING, TREADS & RISERS SHALL BE MORA NATURAL HARDWOOD.
 2. ALL FRAMING & PILES SHALL BE GREENHEART NATURAL HARDWOOD.
 3. MOISTURE CONTENT SHALL BE 12%.
 4. ALL DECKING, TREADS, & RISERS ANCHORS SHALL BE 4.5" (#10) SIMPSON STRONG-TIE DECK DRIVE DWP TYPE 316 STAINLESS STEEL SCREWS. TWO (2) PER DECK BOARD PER STRINGER/CARRIAGE.
 5. ALL CARRIAGES, JOISTS & STRINGERS TO BE ANCHORED TO BEAMS/PILES W/ 4.5" (#10) SIMPSON STRONG-TIE DECK DRIVE DWP TYPE 316 STAINLESS STEEL SCREWS. TWO (2) SCREWS PER BEAM/PILE.
 6. ALL HARDWARE SHALL BE 1" TYPE 316 STAINLESS STEEL BOLTS, NUTS, & WASHERS.
 7. ALL ANCHORS AND SCREWS SHALL BE PRE-DRILLED.
 8. DIMENSIONS OF ALL TIMBER MATERIALS ARE ACTUAL REQUIRED SIZE. DECKING MUST BE FINISHED GRADE.
 9. PROVIDE SIMPSON STRONG-TIE HTSQ 316 STAINLESS STEEL TWIST STRAPS (HURRICANE STRAPS) (MODEL #HTSQ16SS-SDS INCLUDING 316 STAINLESS STEEL SCREWS) AT EVERY JOIST & CARRIAGE ANCHORED TO EACH BEAM.
 10. ALL HARDWARE SHALL BE USA (DOMESTIC).

NOTE:
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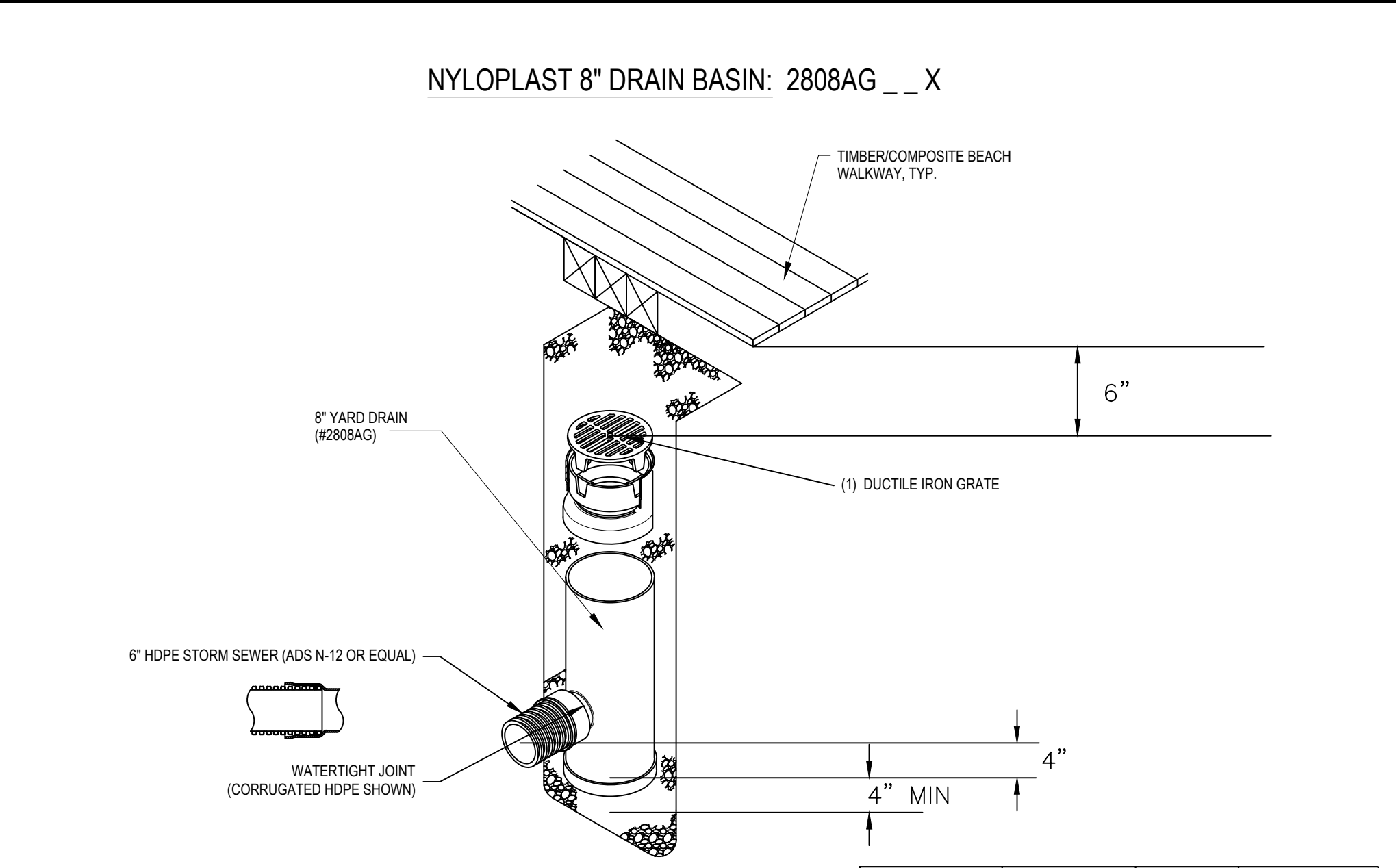
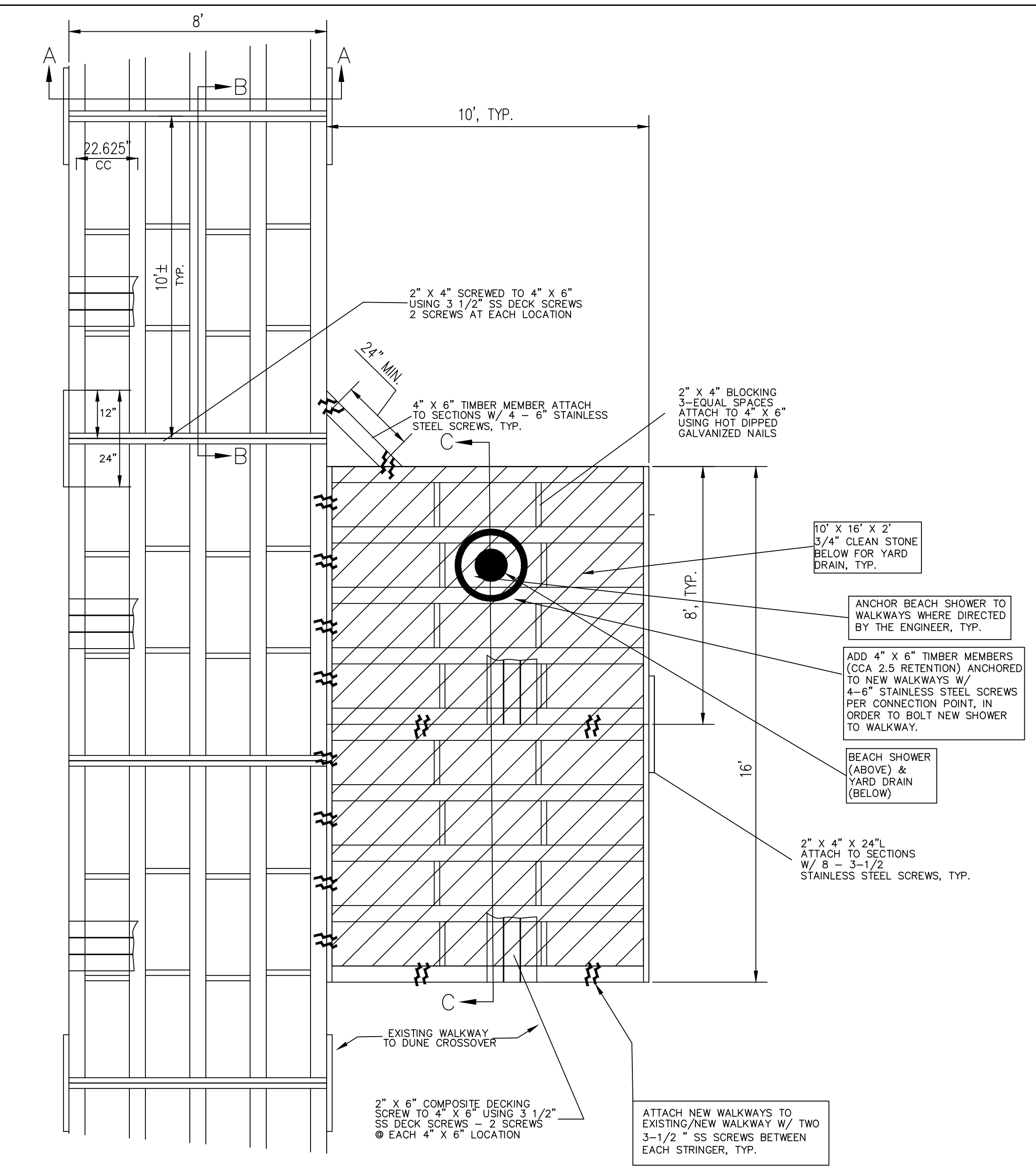
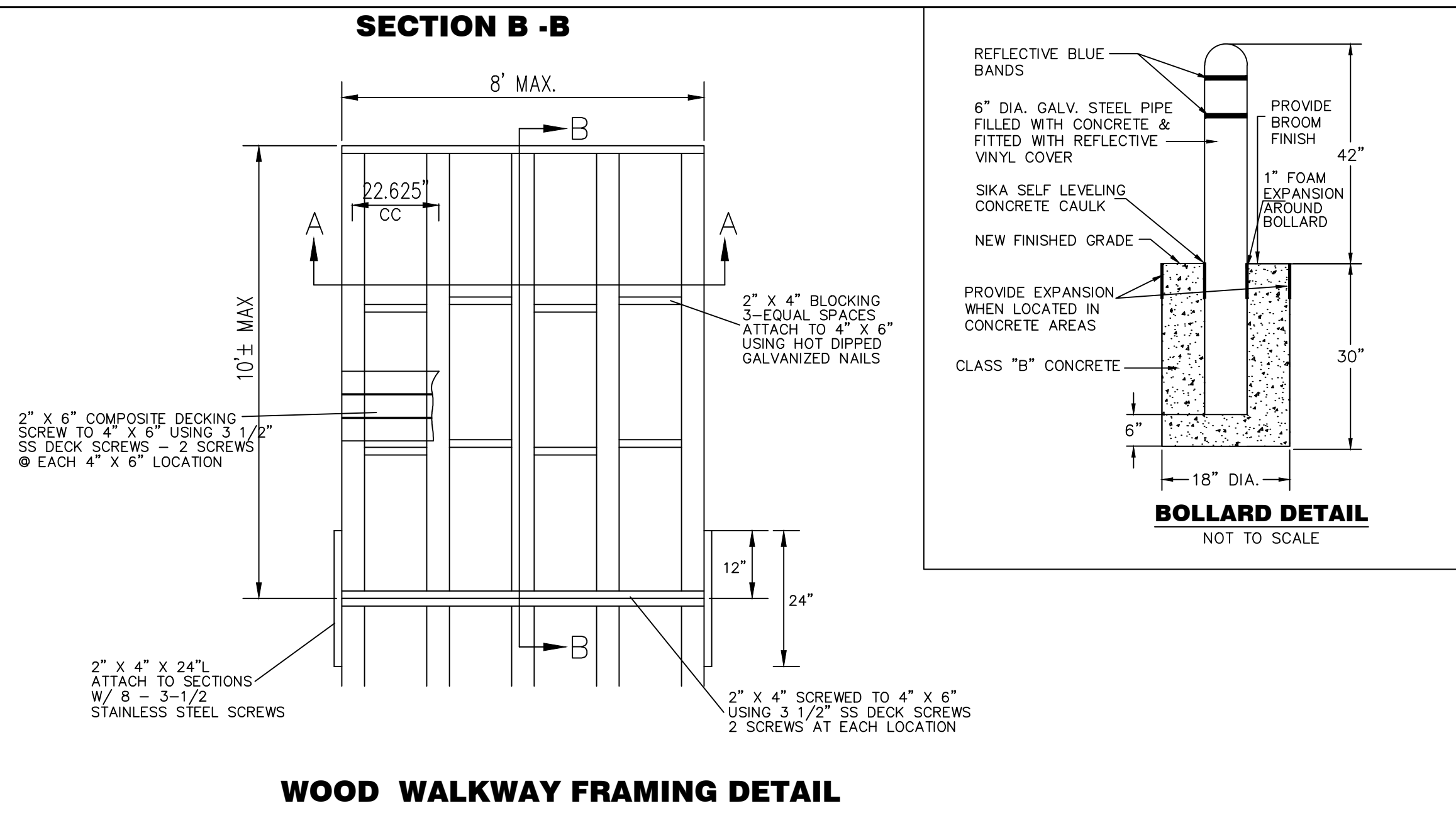
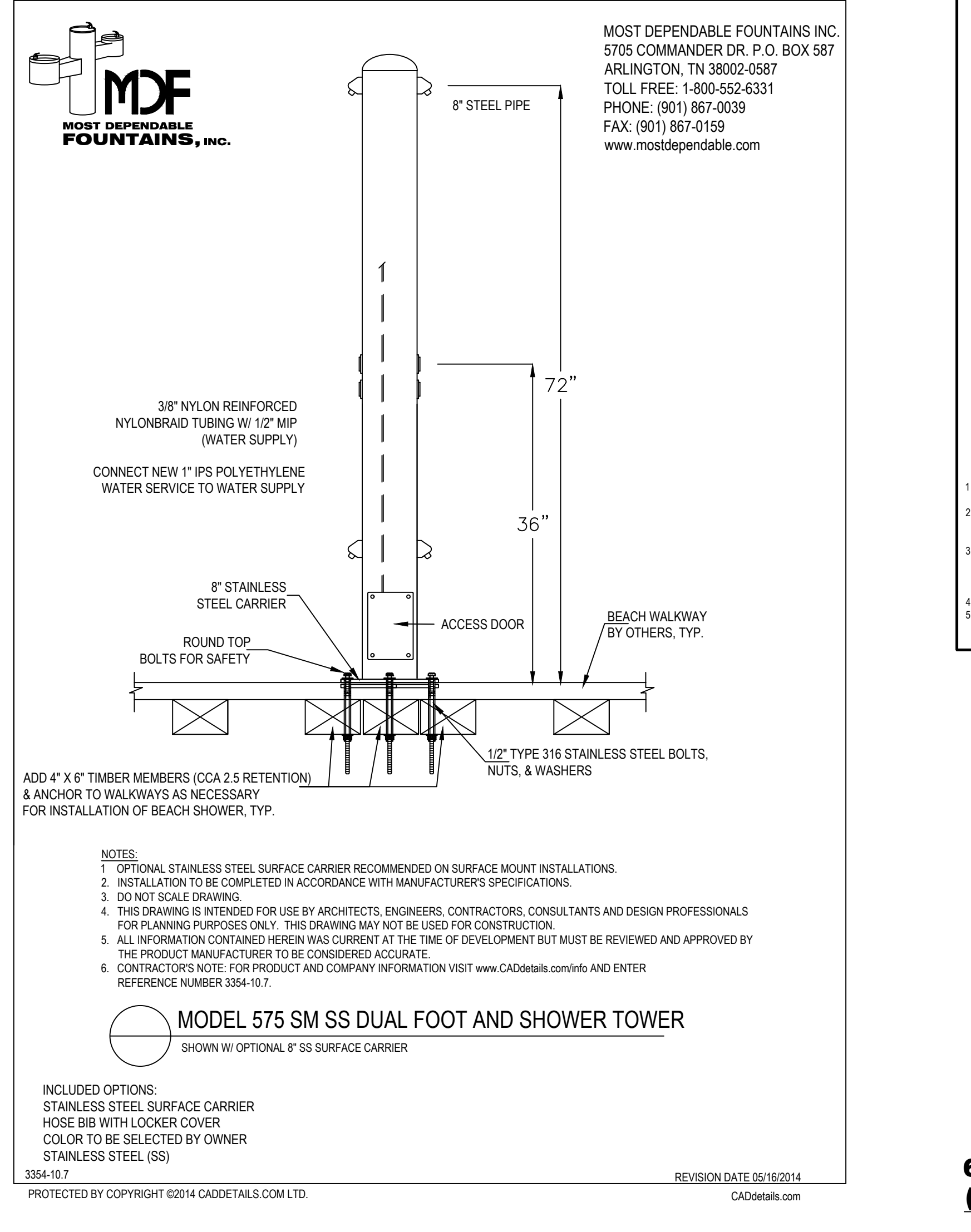
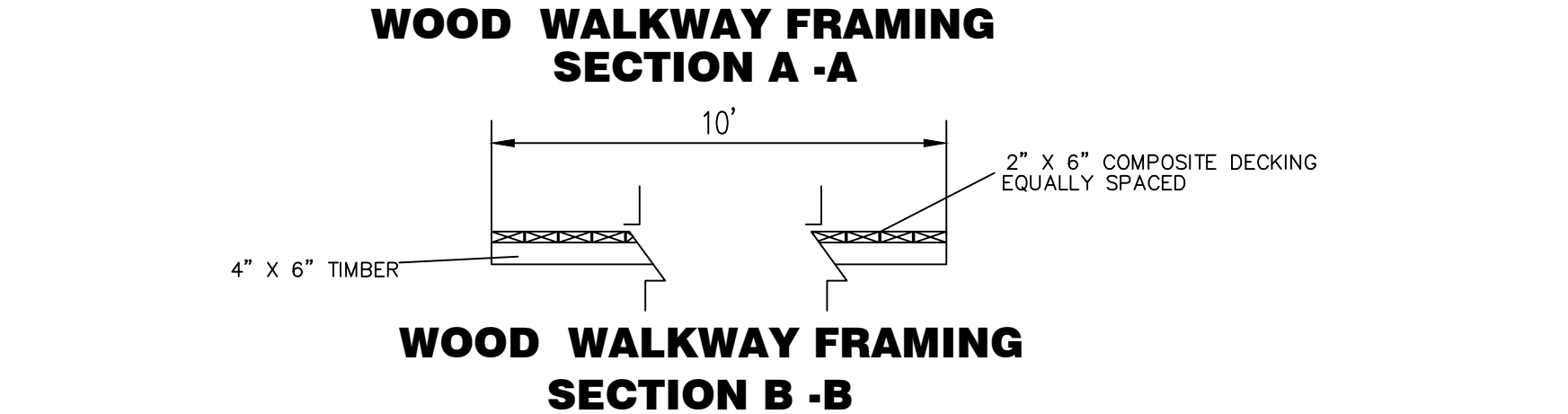
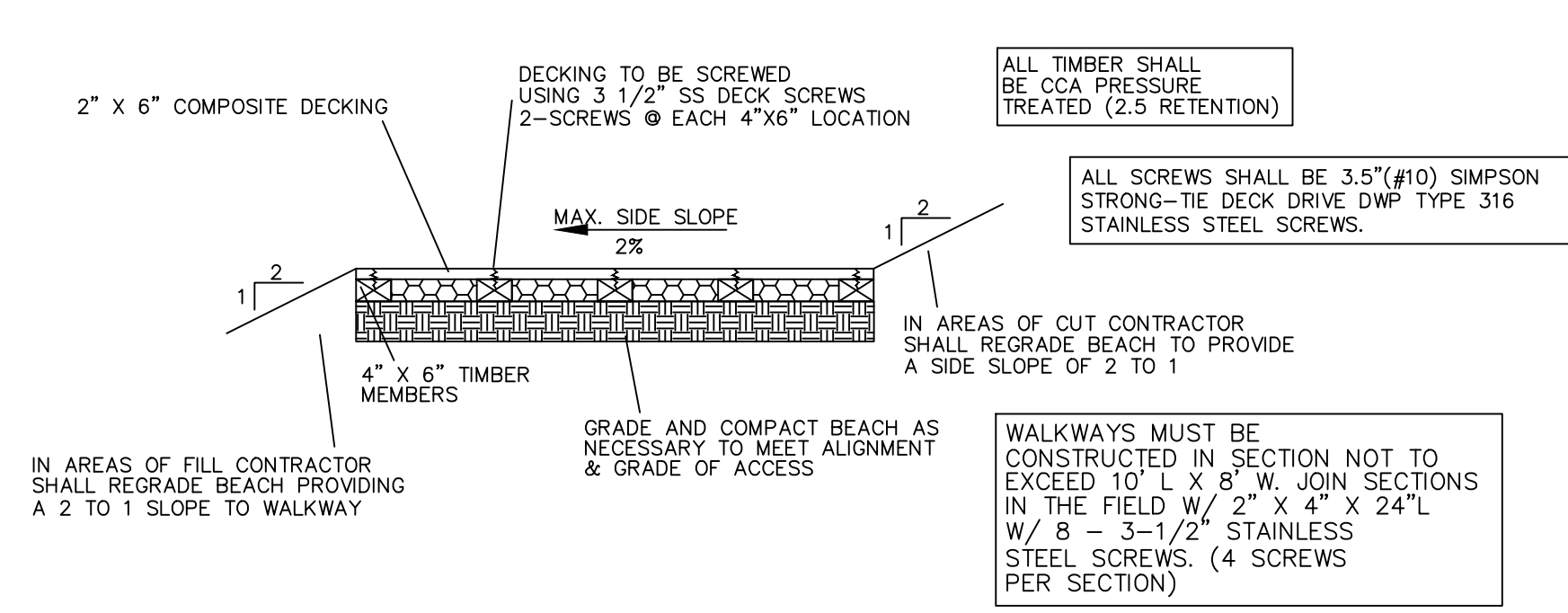
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PROPOSED PLAN FOR:
**BEACH PATROL HEADQUARTERS
RENOVATIONS**
CITY OF NORTH WILDWOOD
CAPE MAY COUNTY, N.J.

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Ralph Petrella, Jr. 10/22/19
DATE OF SIGN.
RALPH PETRELLA, JR.
N. J. PROFESSIONAL ENGINEER AND LAND SURVEYOR LIC. #23226



1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.

2. CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 8" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.

3. STANDARD DRAIN BASIN HAS FIXED ADAPTER LOCATIONS OF 0° & 180°. CUSTOM DRAIN BASIN ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°, TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-072.

4. FOR COMPLETE DESIGN DETAILS SEE DRAWING NO. 7001-110-045.

5. DRAINAGE CONNECTION SUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12) HANCOCK DUAL WALL & PVC SEWER (4" - 24").

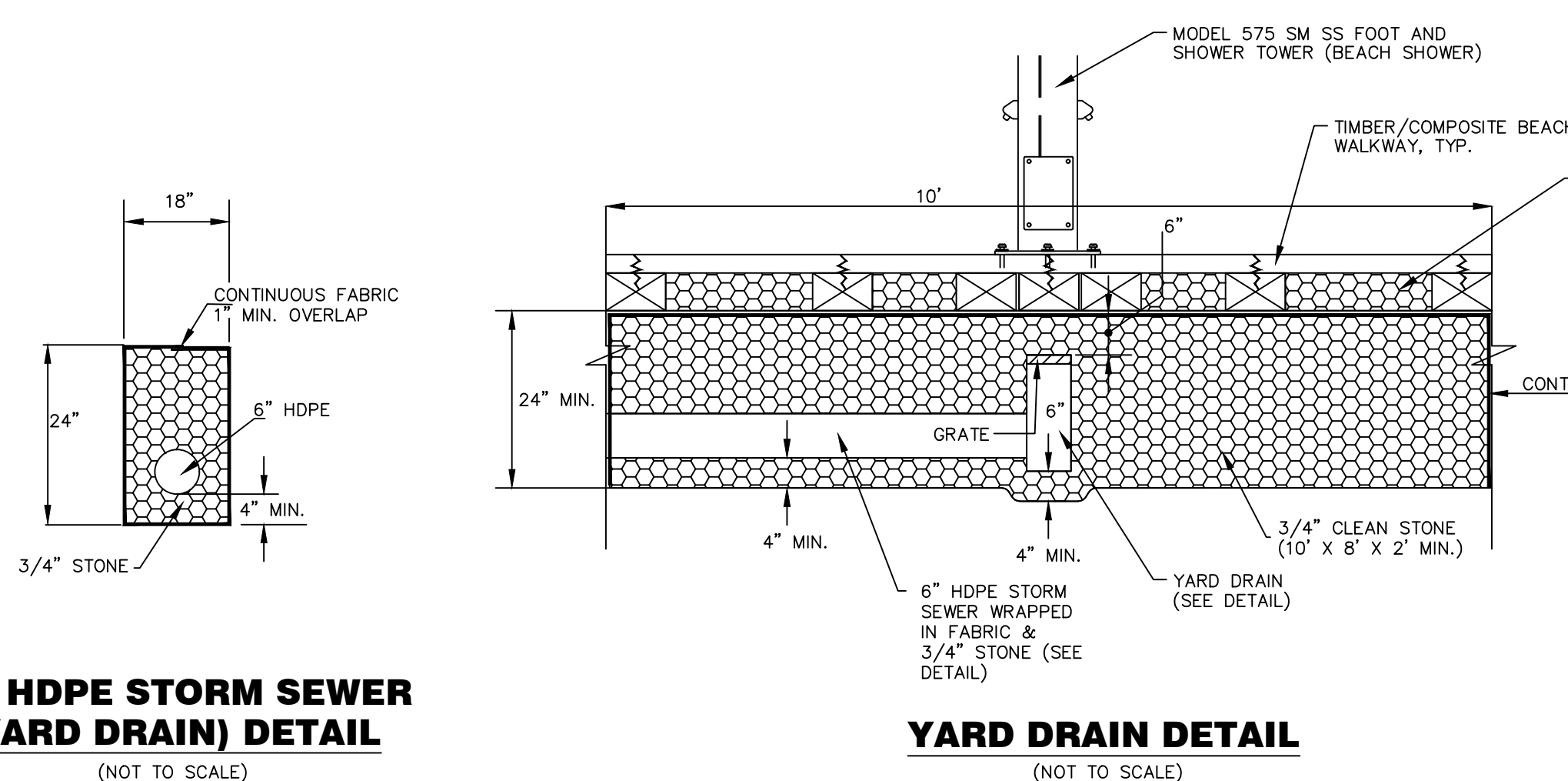
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 REVISED BY: CCA
 DATE: 09-04-13

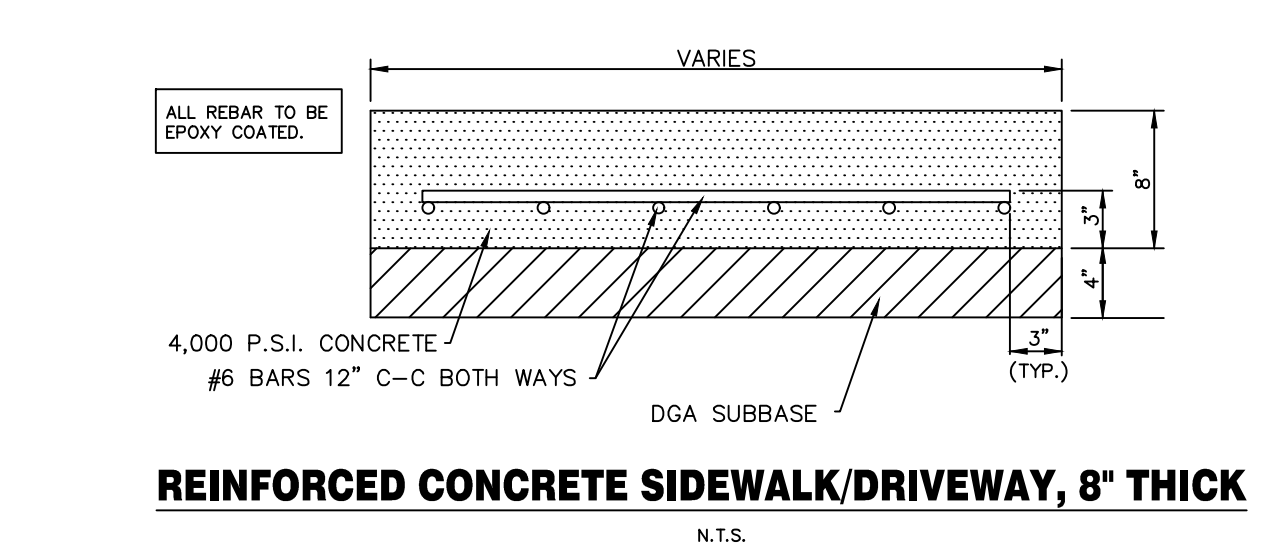
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 PROJECT NO. NAME: 8 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL
 DATE: 09-04-13

3130 VERONA AVE
 BUFORD, GA 30518
 PHN (770) 932-2443
 FAX (770) 932-2409
 www.nyloplast-us.com

TITLE: 8 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL
 DWG NO.: 7001-110-272
 REV: D



NOTE:
 ALL CONCRETE SIDEWALKS, DRIVEWAYS & WALKWAYS SHALL INCLUDE 4" CRUSHED CONCRETE BASE.



NOTE:
 EXPANSION JOINTS AROUND PERIMETER AND AT 60' LENGTHS; CONTROL JOINTS AS DIRECTED BY THE ENGINEER IN THE FIELD. CONTROL JOINTS WILL BE CONSTRUCTED TO PROVIDE 10± X 10± SECTIONS. CONTROL JOINTS SHALL BE 1/4" X 2".

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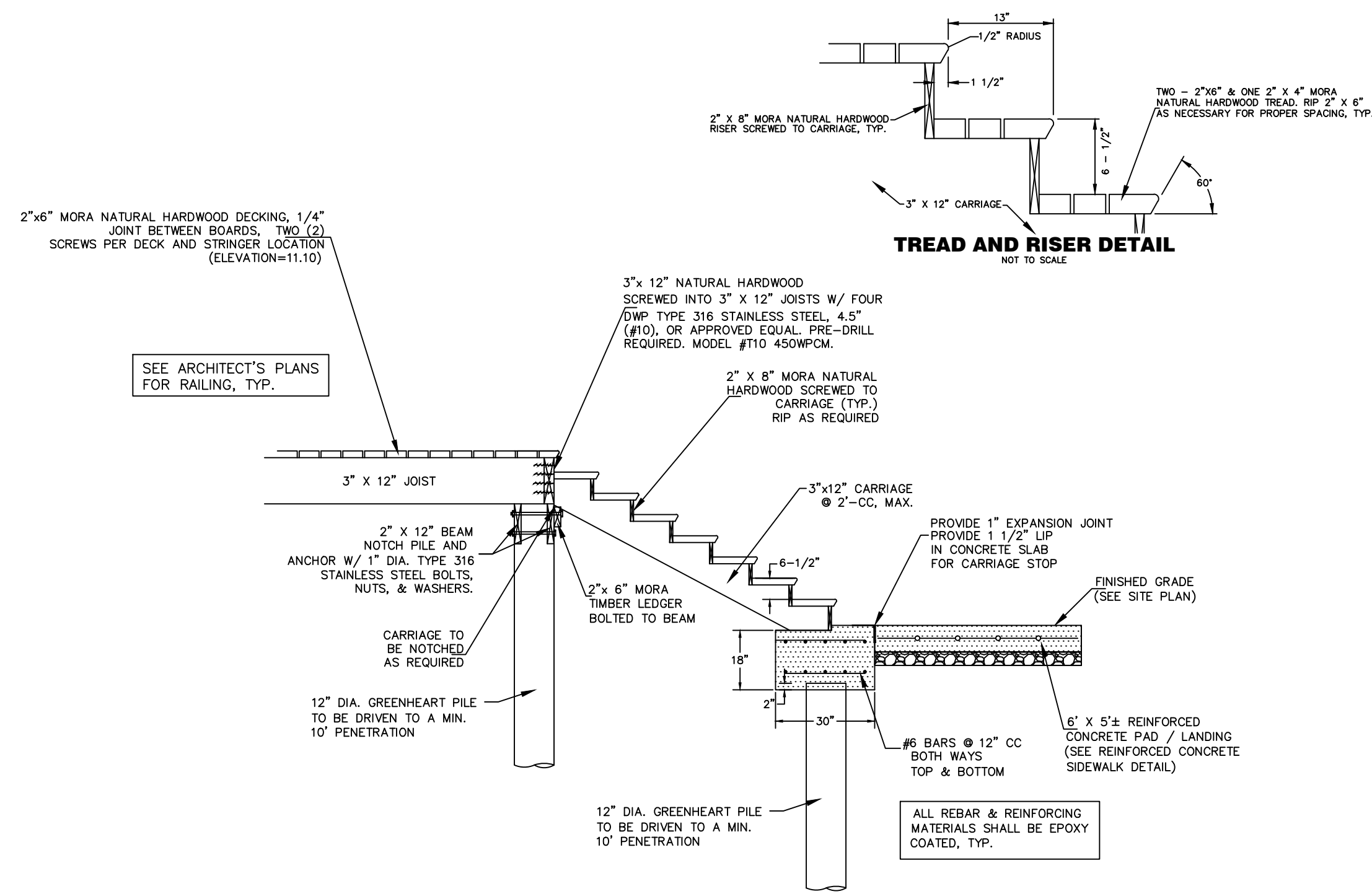
DETAIL SHEET FOR:
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CAPE MAY COUNTY, N.J.

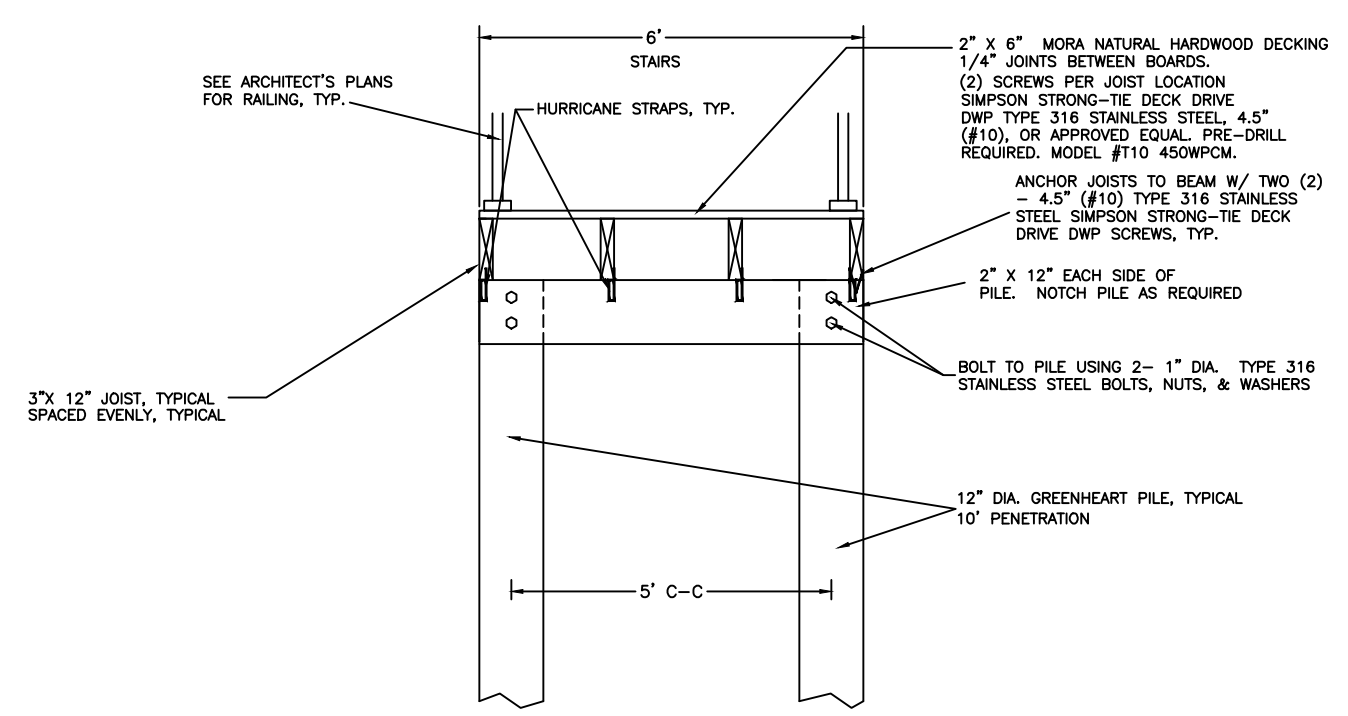
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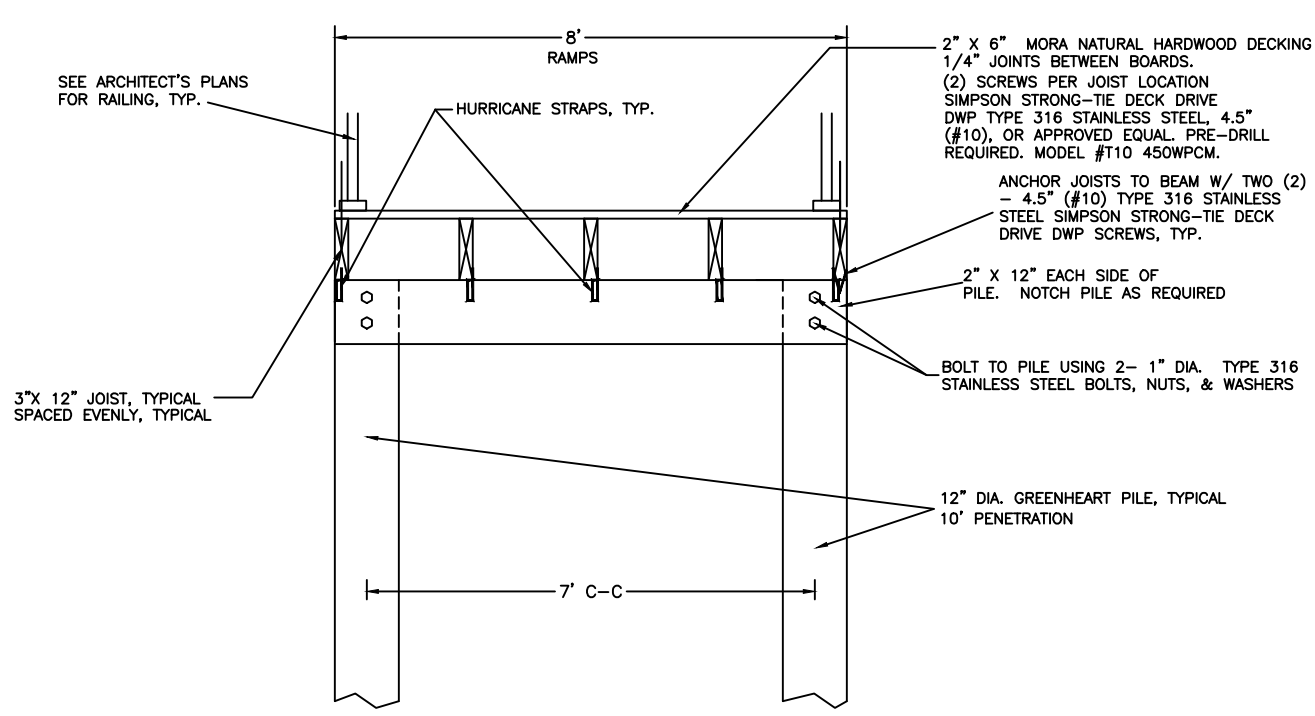
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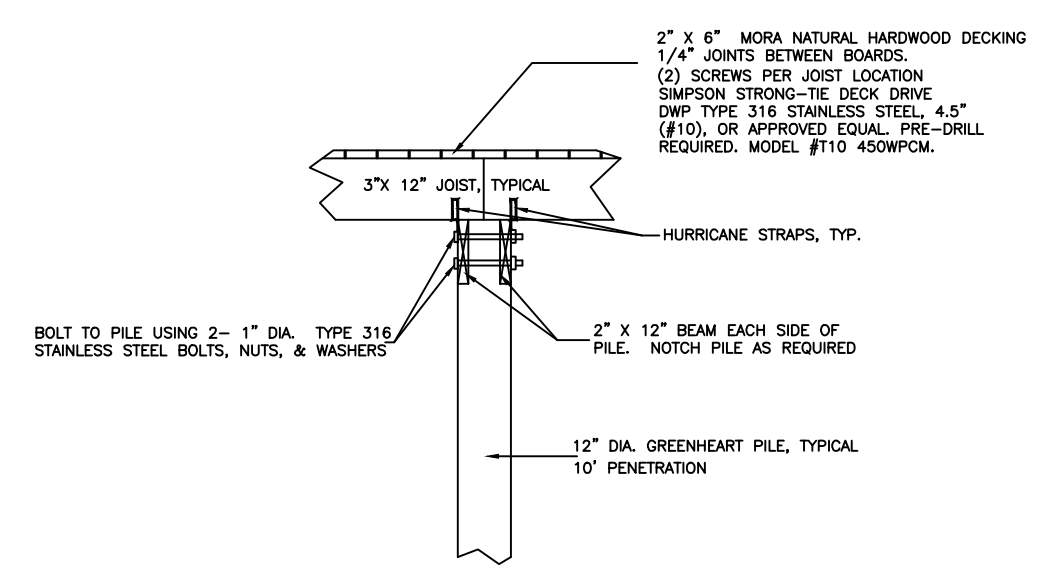
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NOT TO SCALE



STAIRS

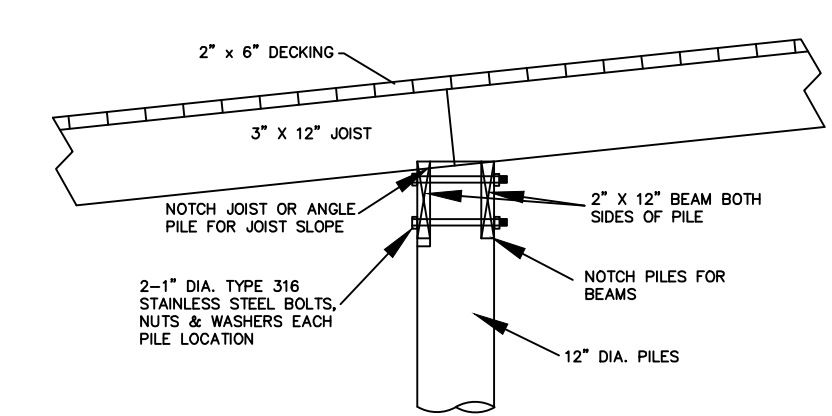


RAMP



STAIRS & RAMP

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TYPICAL STAIR AND RAMP SECTIONS
NOT TO SCALE

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<p>RAMP & STAIRS DETAILS FOR:</p> <p>BEACH PATROL HEADQUARTERS RENOVATIONS</p> <p>CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.</p>				
<p>REV. DESCRIPTION DATE DFT.BY CKD.BY</p> <p><i>Ralph Petrella, Jr.</i> 10/22/19 DATE OF SIGN.</p> <p>RALPH PETRELLA, JR. N. J. PROFESSIONAL ENGINEER AND LAND SURVEYOR LIC. #23226</p>	<p>DRAWN BY BMP</p> <p>CHECKED BY INITIALS</p>	<p>FIELD BK PAGE</p> <p>ORDER No. 42781-400-21</p>	<p>FILE No.</p>	<p>SHEET No. 5</p>