

PROJECT NOTES

A. GENERAL SITE NOTES

1. TRACT FOR DEVELOPMENT CONSISTS OF SHEET 113, BLOCK 11301, LOT 4 OF THE OFFICIAL TAX MAP OF MONROE TOWNSHIP.
2. THE TRACT IS LOCATED WITHIN THE ACME REDEVELOPMENT AREA, AS INDICATED ON THE OFFICIAL ZONING MAP OF MONROE TOWNSHIP DATED NOVEMBER 1, 2012.
3. THE PROPOSED IMPROVEMENTS ARE LOCATED WITHIN AN AREA THAT IS CENTRAL TO THE SITE AND WITHIN AN AREA THAT IS 100% COVERED BY IMPERVIOUS SURFACES. THEREFORE, THE PROPOSED IMPROVEMENTS WILL NOT AFFECT ANY OF THE BULK REQUIREMENTS SUCH AS SETBACKS, LOT COVERAGE, BUILDING HEIGHT, ETC.
4. TOTAL AREA OF TRACT = 11.428 ACRES PER THE TOWNSHIP TAX MAP 113.
5. THE EXISTING DEVELOPMENT IS SERVED BY PUBLIC SEWER AND WATER.
6. THE OWNER, OR HIS REPRESENTATIVE, SHALL DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 5:23-2.21 (E) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.32 (F) (OSHA COMPETENT PERSON).
7. ALL BARRIER FREE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST A.D.A. AND N.J.D.O.T. STANDARDS.
8. ANY VARIATIONS FROM THE PLANS MUST BE AUTHORIZED BY THE DESIGN ENGINEER AND APPROVED BY THE TOWNSHIP ENGINEER.
9. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL EACH PLAN HAS BEEN REVISED TO INDICATE ISSUED FOR CONSTRUCTION.
10. CONSTRUCTION DETAILS/SHOP DRAWINGS UTILIZED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE TOWNSHIP ENGINEER.
11. REFER TO THE COMPLETE SET OF PLANS FOR ADDITIONAL INFORMATION.
12. THIS SET OF DRAWINGS AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR THE USE ONLY BY THE PARTY FOR WHOM THE WORK IS CONTRACTED OR WHOM IT IS CERTIFIED. THIS SET OF DRAWINGS MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED, OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC.
13. ANY DEMOLITION MATERIAL SHALL BE PROPERLY DISPOSED OF AND NO ON-SITE BURIAL IS PERMITTED.
14. ALL TRAFFIC SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SIGNS" (MUTCD, U.S. DEPARTMENT OF TRANSPORTATION AS AMENDED). ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.
15. THE APPLICANT SHALL NOTIFY THE TOWNSHIP ENGINEER A MINIMUM OF 24 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
16. MAXIMUM OF 3 TO 1 SLOPES ARE ALLOWABLE IN GRASSED AREAS.

B. SURVEY NOTES

1. THE BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY WERE PROVIDED BY THE PROJECT OWNER IN AN AUTOCAD FILE, WITH A FILE NAME REFERENCEING THE DATE OF NOVEMBER 10, 2008. NO SEALED SURVEY WAS PROVIDED.
2. SUPPLEMENTAL SURVEY WAS PERFORMED BY MARATHON ENGINEERING ON JANUARY 27, 2020. HORIZONTAL DATUM IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NAD 1983. THE VERTICAL DATUM IS IN FEET AND IS REFERENCED TO THE PLAN REFERENCED IN SURVEY NOTE 1.

C. CONTRACTOR/OWNER RESPONSIBILITY NOTES

1. THE CONTRACTOR/OWNER SHALL DESIGNATE A PERSON THAT IS KNOWLEDGEABLE OF CONSTRUCTION SAFETY STANDARDS AND IS CAPABLE TO BE AT THE CONSTRUCTION SITE ON A REGULAR BASIS. THIS PERSON SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION, DISCHARGE, AND MONITORING OF SAFETY STANDARDS AND PRACTICES AT THE SITE. THE CONTRACTOR/OWNER SHALL PROVIDE DESIGN ENGINEER WITH NAME, ADDRESS AND TELEPHONE NUMBER OF DESIGNEE. IN LIEU OF THIS INFORMATION, THE REPRESENTATIVE PERSON FROM THE CONTRACTOR'S ORGANIZATION WHO SIGNED THE CONTRACT SHALL HEREBY BE RESPONSIBLE FOR THIS FUNCTION.
2. THE CONTRACTOR SHALL SCHEDULE ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CURRENT O.S.H.A. STANDARDS.
3. THE SITE CONTRACTOR SHALL VERIFY WITH DESIGN ENGINEER WHAT PERMITS AND APPROVALS ARE PENDING OR HAVE BEEN APPROVED.
4. THE SITE CONTRACTOR SHALL VERIFY AND MATCH HORIZONTAL AND VERTICAL ELEVATIONS.
5. THE CONTRACTOR SHALL PERFORM ALL WORK IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RECOMMENDATIONS AND STANDARDS.
6. ALL DIMENSIONS AND EXISTING CONDITIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
7. ALL UNDERGROUND UTILITIES LOCATIONS ARE APPROXIMATE AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION.
8. THE CONTRACTOR SHALL VERIFY IN FIELD ALL CONDITIONS AS SHOWN ON THE PLANS AND SHALL BE RESPONSIBLE FOR FIELD MEASUREMENTS FOR ALL NEW CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ANY INFORMATION NOT SHOWN HERE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, UNDERPINNING AND STRUCTURAL STABILITY DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL CALL 1-800-272-1000 FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
11. IN THE EVENT CONDITIONS AT THE SITE ARE NOTICEABLY DIFFERENT (AT THE TIME OF CONSTRUCTION) FROM THE DOCUMENTS PROVIDED, THE CONTRACTOR AND/OR OWNER SHALL NOTIFY THE DESIGN ENGINEER.
12. THE PROPOSED SITE GRADING DEPICTED IN THESE PLANS IS INTENDED TO PROVIDE A GENERAL GUIDE FOR GRADING. THE GENERAL CONTRACTOR, CONSTRUCTION MANAGER OR OWNER SHALL INSTRUCT THE CONCRETE CONTRACTOR TO TAKE CARE IN SETTING FORMS FOR PEDESTRIAN AREAS TO THEY CONFORM TO THE NEW JERSEY BARRIER FREE SUBCODE.
13. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF APPROVAL IMPOSED BY ALL REGULATORY AGENCIES HAVING JURISDICTION AS IT RELATES TO THE CONSTRUCTION AND MAINTENANCE OF THE PROJECT.
14. CONTRACTOR DAMAGE TO ANY EXISTING FEATURE SUCH AS, BUT NOT LIMITED TO, CONCRETE CURBS, CONCRETE WALKS, PAVING, LIGHTS, PLANTERS, SIGNS, UTILITIES OR BUILDINGS NOT SCHEDULED FOR REMOVAL SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.
15. THE OWNER, OR HIS REPRESENTATIVE, IS TO DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 5:23-2.21 (E) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.32 (F) (OSHA COMPETENT PERSON).
16. THE CONTRACTOR IS TO OBTAIN A LOGAN TOWNSHIP ROAD OPENING PERMIT FOR THE WORK WITHIN THE TOWNSHIP ROAD RIGHT-OF-WAY TO CONNECT THE WATER MAIN, FIRE MAIN AND SEWER TO THE EXISTING UTILITIES.
17. NO WORK IS TO START UNTIL A PRECONSTRUCTION CONFERENCE IS HELD. THE PRECONSTRUCTION CONFERENCE SHALL BE SCHEDULED WITH THE TOWNSHIP ENGINEER'S OFFICE (SENIOR INSPECTOR FOR LOGAN TOWNSHIP AT 856-728-3899 EXTENSION 1131) A MINIMUM OF THREE WORKING DAYS PRIOR TO THE START OF WORK.

D. UTILITY NOTES

1. ALL PROPOSED UTILITIES SHALL BE INSTALLED UNDERGROUND.
2. ALL HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M252 AND M254. MINIMUM COVER OVER HDPE SHALL BE 24" FROM FINISHED GRADE. HDPE PIPE SHALL BE PLACED ON 12" CLASS "C" SIZE 57 STONE BEDDING.
3. GAS, ELECTRIC, AND COMMUNICATION SERVICE AND WATER SERVICE SHALL BE INSTALLED UNDERGROUND THROUGHOUT THE DEVELOPMENT IN ACCORDANCE WITH REGULATIONS OF THE LOCAL UTILITY COMPANIES AND LOGAN TOWNSHIP.
4. ALL MATERIALS, METHODS AND DETAILS OF IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE REGULATIONS OF LOGAN TOWNSHIP, GLOUCESTER COUNTY AND/OR THE APPROPRIATE UTILITY COMPANY, WHICHEVER REGULATION TAKES PRECEDENCE.
5. WHERE IT IS NECESSARY TO CONNECT TO EXISTING UTILITIES WITHIN EXISTING ROADWAYS, THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAW CUTTING, FOR WATER AND SEWER SERVICE, TRENCHING, BACKFILL, COMPACTION AND PAVING SHALL BE IN ACCORDANCE WITH LOGAN TOWNSHIP AND GLOUCESTER COUNTY SPECIFICATIONS, AS APPLICABLE.
6. BEDDING AND BACKFILL FOR THE REINFORCED CONCRETE PIPE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. CCTV INSPECTION OF THE STORM SEWER SYSTEM, PERFORMED AT NO EXPENSE TO THE TOWNSHIP, WILL BE SUBMITTED TO THE OWNER, ENGINEER AND LOGAN TOWNSHIP AND IS REQUIRED PRIOR TO FINAL ACCEPTANCE BY THE TOWNSHIP.
8. PIPE LENGTHS AND GRADIENTS ARE CALCULATED TO THE CENTERLINE OF SANITARY AND STORM SEWER STRUCTURES. ACTUAL PIPE LENGTH MAY BE LESS THAN CALCULATED LENGTH, AND SHOULD BE COMPUTED BY CONTRACTOR PRIOR TO CONSTRUCTION.
9. EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN IS FURNISHED BY THE UTILITY COMPANIES OR SURVEY PLAN BY SURVEYOR AND THE ACCURACY THEREOF IS NOT THE RESPONSIBILITY OF MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. IT IS THE RESPONSIBILITY OF OWNER AND/OR CONTRACTOR TO CALL 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
10. PVC SEWER PIPE SHALL HAVE BELL AND SPIGOT ENDS AND O-RING RUBBER GASKETED JOINTS. PVC PIPE AND FITTINGS SHALL CONFORM TO ASTM D3034, WITH A MINIMUM WALL THICKNESS DESIGNATION OF SCHEDULE 40 AS INDICATED ON THE PLANS FOR 6" SANITARY SEWER LATERAL FORCE MAIN TO BE SDR21.
11. THE PLASTIC MATERIAL FROM WHICH THE PIPES AND FITTINGS ARE EXTRUDED SHALL BE IMPACT TYPES OF PVC, UNPLASTICIZED, HAVING A CELL CLASSIFICATION OF 12454 OR 12364 AS DEFINED IN ASTM D1784.
12. PIPE SHALL BE FREE FROM DEFECTS, SUCH AS BUBBLES OR OTHER IMPERFECTIONS, IN ACCORDANCE WITH ACCEPTED COMMERCIAL PRACTICE. TEST RESULTS DEMONSTRATING THAT THE PIPE MEETS ASTM D2444 FOR IMPACT AND ASTM D2321 FOR DEFLECTION AND PIPE STIFFNESS SHALL BE PROVIDED WHEN REQUESTED BY THE UTILITY AUTHORITY.
13. JOINTS SHALL CONFORM TO ASTM D3212. RUBBER RING GASKETS SHALL CONFORM TO ASTM F477. THE GASKET SHALL BE THE SOLE ELEMENT OF DEPENDENCE UPON TO MAKE THE JOINT WATER TIGHT.
14. THE PIPE SHALL BE INSTALLED AS SPECIFIED IN ASTM D2321, BEDDING AND HAUNCHING (TO THE SPRINGLINE) SHALL BE 3/4" CLEAN STONE, SELECT BACKFILL, TO A HEIGHT OF TWO (2) FEET ABOVE SPRINGLINE SHALL BE CLASS II OR CLASS III BACKFILL AS DENSELY DAMPED IN 6" LAYERS. PIPE SHALL BE INSTALLED WITH A MINIMUM COVER OF 48". THE 6" SEWER LATERAL SHALL HAVE 1.0% MINIMUM SLOPE.
15. APPLICANT SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH TOWNSHIP ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

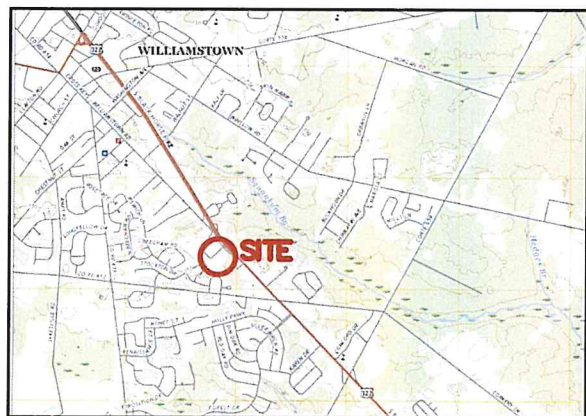
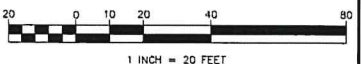
FLOOD DATA

1. ALL OF THE SUBJECT PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AS ILLUSTRATED ON FEMA FLOOD INSURANCE RATE MAP FOR GLOUCESTER COUNTY, NEW JERSEY, MAP NUMBER 34015C0236E, DATED JANUARY 20, 2010.

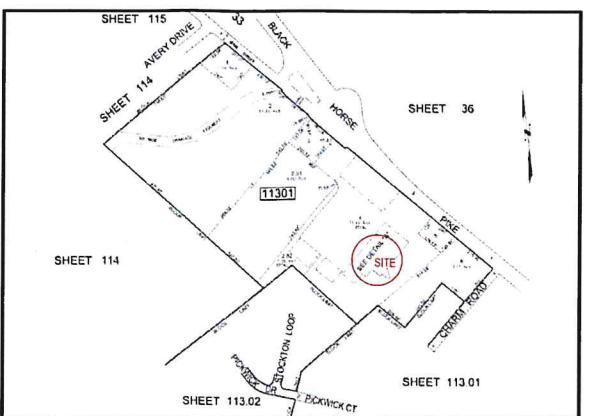
LEGEND

---	SUBJECT OUTBOUND LIMIT
---	ADJACENT RIGHT-OF-WAY LINE
---	EXISTING EDGE OF PAVEMENT
---	DIRT ROAD
---	EXISTING OVERHEAD WIRE LINE
---	EXISTING WOODS LINE
---	WETLAND/WATER BOUNDARY LINE
---	WETLAND/WATER BUFFER LINE
---	BLOCK & LOT NUMBER
---	GUIDE POLE
---	UTILITY POLE
---	SIGN

GRAPHIC SCALE

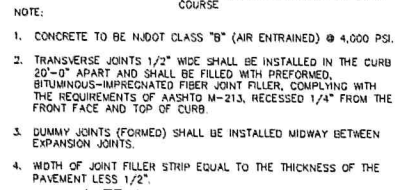


U.S.G.S. WILLIAMSTOWN QUAD LOCATION MAP

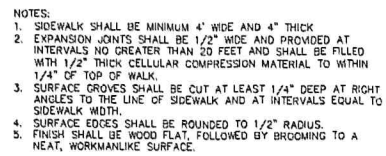
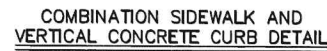


MONROE TOWNSHIP TAX MAP 113

05/28/2020	4	BIDDER RFI RESPONSE	D.O.	D.F.
04/15/2020	3	REVISED PER ARCHITECT COMMENTS	D.O.	D.F.
03/28/2020	2	REVISED PER ARCHITECT COMMENTS	D.O.	D.F.
03/05/2020	1	INITIAL SUBMISSION	D.O.	D.O.
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR
INSPIRA LIFE AT WILLIAMSTOWN				
Sheet 113, Block 11301, Lot 4 Township of Monroe, Gloucester County, New Jersey				
SITE PLAN - PROPOSED BLDG CANOPY				
INSPIRA LIFE AT WILLIAMSTOWN				
INSPIRA HEALTH NETWORK				
2950 CLIFF DRIVE, SUITE 1E WELAND, NJ 08360				
DAVID J. FLEMING, P.E.				
PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24603321600				
05/28/2020				
C0101				



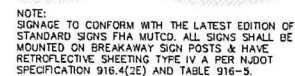
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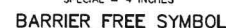
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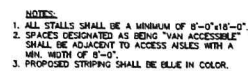
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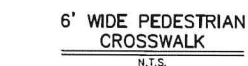
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N.T.S



NOT TO SCALE



INSPIRA LIFE AT WILLIAMSTOWN

Sheet 11.3, Block 11.301, Lot 4
Township of Monroe, Gloucester County, New Jersey

CONSTRUCTION DETAILS

INSPIRA LIFE AT WILLIAMSTOWN

INSPIRA HEALTH NETWORK


2950 WEALED DRIVE, SUITE 1E
VINELAND, NJ 08360

DAVID J. FLEMING, P.E.

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 24C03321600

David J. Fleming

05/28/2020
1PM-2PM



MARATHON
Engineering & Environmental Services
Svedesboro Office

3 Kitter Court, Suite 302, Svedesboro, NJ 08085
ph (856) 241-0075 fax (856) 241-0769
Certificate of Authorization #24GA27955700

NAME	REVISED	DATE	BY
AS SHOWN		05/28/20	DJF
D.J.D.		06/01/20	2
		06/01/20	2

C0102