GENERAL NOTES

1. The Contractor is advised to thoroughly review this plan package so as to be totally prepared to present his bid prices in the contract documents. The plan package sufficiently delineates the scope and intent of the roadway work to be accomplished, it will therefore be incumbent on the Contractor to adjust his fee dollars to reflect any and all items which may not be clearly outlined, or those items which may not be indicated but which are necessary for the successful completion of this project with out additional costs to the Owner.

2. All construction of Domestic Gravity Sewer, Lift Station, and Forcemain shall be in accordance with City of West Palm Beach and FDOT Standards and Specifications.

4. The Contractor shall locate all existing utilities in the field with utility owner's representative prior to construction. The Contractor shall notify the utility company 48 hours in advance on any excavation involving their lines as Required by the Underground Facility Damage Prevention and Safety Act. Notify Sunshine State One Call of Florida, Inc. at (800) 432–4770.

3. Existing utilities are to be protected by the Contractor. It is the Contractor's responsibility to determine the exact location, depth, and character of all utilities prior to construction. Any utilities damaged by this construction will be repaired at the Contractor's expense.

4. Existing utility locations as shown are approximate and were based on available records. The existing utilities shown shall not be construed as being all–inclusive of utilities in the area. Any interruption of service shall be coordinated with the owner of the utility.

5. The Contractor shall not make adjustments to existing utilities unless directed by the Engineer.

6. Prior to bid preparation, the Contractor must familiarize himself with the overall site conditions and perform additional investigations as determined necessary to understand the limit and depth of expected organic silt peat areas, adequacy of existing materials as fill, dewatering requirements, clean fill required from off site, and materials to be disposed of off site, all of which will affect his pricing. Any delay, inconvenience, or expense caused to the contractor due to inadequate investigation of existing conditions shall be incidental to the contract, and no extra compensation will be allowed. The materials anticipated to be encountered during construction may require drying prior to use as backfill, and the contractor may have to bring in materials, at no extra cost, from off site to meet the requirements for compaction and proper fill.

7. Surface information shown on these drawings was obtained for use in establishing design criteria for the project. The accuracy of this information is not guaranteed and is not to be construed as part of the plans governing construction of the project. It is the responsibility of the Contractor to inquire of the Engineer if additional information is available, to make arrangements to review same prior to bidding, and is to make his own determination as to all subsurface conditions.

8. Contractor shall notify the Engineer if soil or subsurface conditions unsuitable for construction are encountered.

9. All excavated soils deemed suitable as fill material shall be utilized on site or delivered to a Solid Waste Authority facility by the Contractor at his own expense. The determination of suitable material and exact location of delivery shall be determined by the Engineer. All excavated soils deemed unsuitable shall be disposed of by the Contractor at his own expense.

10. All of the existing base that is removed may be incorporated in the stabilized portion of the subgrade but shall not be included in clearing and grubbing.

11. Items in conflict with design such as existing curbs and gutters, sidewalks, drainage structures, pavement and excess excavations are to be removed by the Contractor and disposed of in a legal and proper manner away from the job site at his own expense.

12. It should be noted that the Occupational Safety and Health Act prohibits the operating of equipment or machines closer than ten (10) feet to energized electric lines rated at fifty kilovolts or below. Also, no excavation is permitted within five (5) feet of power pole facilities.

13. Property owners and businesses within the area of construction shall be given access to their properties at all times during the period of construction.

15. All mailboxes shall be relocated by the contractor as directed by the U.S. Postal Mail Carrier.

16. All irons and monuments (P.R.M.'s) shown on plans, or found, shall be preserved. Those shown in proposed pavement shall be protected with a cast iron valve box.

17. Any public land corners within the limits of construction are to be protected. If a corner monument is in danger of being destroyed or disturbed, the Contractor will notify the Engineer.

18. All traffic signs shall be relocated with permission of Palm Beach County or City of West Palm Beach (whichever has jurisdiction in Right–of–Way), at the contractors expense.

19. All existing trees within the right of way are to remain unless otherwise noted.

20. When referenced to, FDOT refers to Florida Department of Transportation Road and Traffic Design Standards, Latest Edition.

21. The Contractor shall restore all areas disturbed by construction to a condition equal to, or better than, that now existing.

22. Sod and backfill as required ten (10) feet around all new construction and all developed lots to prevent erosion. Seed and mulch will only be allowed to restore undeveloped lots affected by construction or as directed by the Engineer.

23. Sodding to be used at locations as directed by the Engineer.

24. Sod two (2) feet minimum alongside proposed edge of pavement.

25. The Contractor shall remove, cover or obliterate existing roadway sign and pavement markings that conflict with construction traffic control plans.

26. The Contractor shall provide any temporary drainage measures as required to adequately drain the project and any temporarily traveled roadways. Temporary drainage design, construction and maintenance is the Contractor's responsibility; however, all such measures must be approved by the Engineer.

27. Grades shown are finished grades.

28. Sawcutting of concrete or asphalt driveways is allowed only as noted on the plans.

29. All abandoned utilities (including pipes, cables and structures) found in the right of way and not shown on the plans, are to be removed and properly disposed of at the expense of the Contractor. This includes all exotic pipes like asbestos–cement pipe. Cost to be included in clearing and grubbing item.

30. Driveway locations and widths are approximate and are to be djusted as necessary or as directed by the Engineer.

31. Per Survey completed by Greenhorne & O'mara, Inc: The elevations of Benchmarks were established by running a closed bench loop. The level runs are based on the vertical accuracy requirements as set forth in the Florida minimum technical standards (MTS) which states that the closure in feet must be accurate to a standard of plus or minus five hundredths of a foot (0.05'±) times the square root of the distance in miles. accuracy obtained by measurements with an automatic level were found to exceed this requirement.

    Horizontal values are based on Solid Waste Authority Local Grid per North American Datum 1927 (NAD 27) as shown on control survey prepared by G&O for Solid Waste Authority, Dated December 2009.

32. Backfill and sod as required beyond right of way lines on individual lots to maintain positive drainage flow into curb and gutter.

33. Grade and sod swales ten (10) feet from proposed ditch bottom inlets and mitered end sections on side streets as required.

34. It is the Contractor's responsibility to maintain ⅊ (baseline) and ℄ (centerline) construction throughout the project.

35. The Contractor shall submit a construction schedule (sequence of operations) prior to the pre–construction meeting.

36. The Contractor shall remove driveway aprons and driveway culverts when noted on plans and shall maintain rough grade for utility modifications.

37. The Contractor shall protect all sprinkler heads not in conflict with design and relocate all those which are in conflict to a location determined in the field.

38. The Contractor is required to perform his work in accordance with the requirements of the various permits which will be obtained prior to beginning construction.

39. All piping greater than 16–inches shall have 4 feet minimum cover. All piping 16–inches or less shall have 3 feet minimum cover. Contractor shall take care to provide proper grade elevations and alignments.

40. Where water mains cross other pipelines, one full length of water main pipe shall be centered above or below the other pipeline so the water main joints will be as far as possible from the other pipeline. Alternatively, at such crossings, the pipes shall be arranged so that all water main joints are at least three feet from all joints in vacuum–type sanitary sewers, or pipelines conveying reclaimed water regulated under Part III of Chapter 62–10, F.A.C., and at least six feet from all joints in gravity or pressure–type sanitary sewers, wastewater force mains, or pipelines conveying reclaimed water not regulated under Part III of Chapter 62–610, F.A.C.

41. All paving, stabilized earth, driveways, curbs, sidewalks, fences, sod, landscaping, etc., disturbed by the Contractor's operations shall be replaced with material to match existing conditions. All road crossings are asphalt unless otherwise noted.

42. The contractor is solely responsible for the installation of the piping without damaging the existing city or county roadway except wherever open cuts are required as shown on plans. Any damage caused during the installation of the piping or restoration shall be repaired to the satisfaction of the SWA.

43. The Contractor shall not place any fill material within wetted ditch or wetland areas, and shall install siltation fences between work and such areas, when working adjacent to either type of area.

44. The Contractor is responsible for checking dimensions and site conditions, and report any discrepancies to the Engineer prior to commencement or continuation of ongoing construction.

45. The Contractor shall comply with all OSHA Trench Safety Standards and Requirements.

46. The Contractor shall locate all existing water mains at proposed tie–in locations to verify actual location, size, elevation and material prior to ordering new materials.

47. All Directional Drill Distance call–outs cover the horizontal distance in the plan view.

48. The Contractor shall be responsible for maintaining FDEP minimum vertical and horizontal separation distances in accordance with Chapter 62–555.315(1–4), F.A.C.

MAINTENANCE OF TRAFFIC NOTES

1. The Contractor shall develop a Maintenance of Traffic Plan for all work performed in the Public Right–of–Way. This Plan shall be in written form and include Plan Sheets which indicate the type and location of all signing, lighting, barricades, striping, etc. At the time of the pre–construction meeting, this plan shall be submitted to the maintaining agencies for approval. This Maintenance of Traffic Plan shall be in accordance with most current editions of The Florida Department of Transportation "Manual of Traffic and Safe Practices for Street and Highway Construction, Maintenance and Utility Operations on the State Maintained System"; Section 102 of the Florida Department of Transportation "Standard Specifications for Road and Bridge Construction", and part VI of the Federal Highway Administrations" "Manual of Uniform Traffic Control Devices".

2. Traffic shall be maintained or rerouted and protected at all times. Signs barricades, and lights shall be provided in accordance with the Florida Department of Transportation Manual on Traffic Control and Safe Practices for Street and Highway Construction, Maintenance and Utility Operations, Florida Roadway and Traffic Design Standards (Most current date), the Manual on Uniform Traffic Control Devices and any other applicable standards.

3. Contractor shall maintain all existing roadside signs not in conflict with construction.

OSCAR E. DUARTE
LICENSE
No.60580
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
9/17/12

REV#	DATE	DESCRIPTION	BY

NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND DATED:

WADETRIM
3790 Dixie Highway NE, Suite D
Palm Bay, FL 32905
321.728.3388 FAX: 321.728.3393
Certificate of Authorization No.: 3962
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PALM BEACH COUNTY, FLORIDA

GENERAL NOTES

ISSUED FOR:	DATE:	BY:
75% REVIEW	05/02/12	CEM
100% REVIEW	06/15/12	CEM
FINAL DESIGN	7–6–12	CEM
ENV. PERMITS	9/17/12	CEM

JOB NO. NEF2001–01L

SHEET G–3

SWA

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PROJECT MANAGER –
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FIELD BOOK INFORMATION–