



SITE AND UTILITY PLAN

1"=20'

NOTES:

- 2-1. PROVIDE FDOT TYPE 'D' CURB PER FDOT INDEX NO. 300. SEE TYPICAL DETAIL.
- 2-2. PROVIDE FDOT TYPE 'F' CURB PER FDOT INDEX NO. 300. SEE TYPICAL DETAIL.
- 2-3. PROVIDE VALLEY GUTTER. SEE TYPICAL DETAIL.
- 2-4. PROVIDE FENCED DUMPSTER ENCLOSURE. SEE TYPICAL DETAIL.
- 2-5. PROVIDE RAISED CONCRETE SIDEWALK. SEE TYPICAL DETAIL.
- 2-6. PROVIDE CONCRETE SIDEWALK. SEE TYPICAL DETAIL.
- 2-7. PROVIDE 6' LONG MINIMUM 6" RISE HANDICAP ACCESSIBLE RAMP WITH BRICK RED TRUNCATED DOMES. SEE TYPICAL DETAIL.
- 2-8. PROVIDE "DO NOT ENTER" SIGN PER MUTCD R5-1.
- 2-9. PROVIDE ON-SITE CONCRETE PAVEMENT. SEE TYPICAL DETAIL.
- 2-10. PROVIDE 30"x30" STOP SIGN PER MUTCD R1-1 WITH 30"x30" "DO NOT ENTER" SIGN PER MUTCD R5-1 ON BACK OF STOP SIGN ON EACH SIDE OF DRIVEWAY, WHITE THERMOPLASTIC 24" WIDE STOP BAR AND DIRECTIONAL ARROWS PER FDOT INDEX NO. 17346. SEE TYPICAL DETAIL.
- 2-11. PROVIDE 4" PAINTED WHITE STRIPE PER FDOT INDEX NO. 17346.
- 2-12. PROVIDE HANDICAP PARKING SPACE. SEE TYPICAL DETAIL.
- 2-13. PROVIDE PAINTED WHITE CROSSWALK ON-SITE WITH 12" WIDE PARALLEL STRIPES PER FDOT INDEX NO. 17346.
- 2-14. PROVIDE THERMOPLASTIC WHITE DIRECTIONAL ARROW PER FDOT INDEX NO. 17346.
- 2-15. PROVIDE EMPLOYEE PARKING ONLY PAINTED ON FACE OF CURB.
- 2-16. PROVIDE TRUNCATED DOMES BRICK RED IN COLOR. SEE TYPICAL DETAIL.
- 2-17. PROVIDE THERMOPLASTIC WHITE CROSSWALK IN RIGHT-OF-WAY WITH 12" WIDE PARALLEL STRIPES PER FDOT INDEX NO. 17346.
- 2-18. TIE INTO EXISTING SANITARY SEWER LINE. CONTRACTOR SHALL INSTALL NEW SANITARY SEWER CLEANOUT AT PROPERTY LINE. REPLACE EXISTING SANITARY SEWER LINE TO PROPERTY LINE. CONTRACTOR SHALL FIELD VERIFY SANITARY SEWER LINE LOCATION AND ELEVATIONS PRIOR TO MATERIAL ORDER. CONTACT THE ENGINEER OF RECORD WITH ANY LOCATION OR ELEVATION CHANGES.

- 2-19. PROVIDE ± 229 LF OF 4" PVC SANITARY SEWER LINE AT MINIMUM 1% SLOPE.
- 2-20. PROVIDE SANITARY SEWER CLEANOUTS AT A MAXIMUM 75' O.C. PROVIDE TRAFFIC BEARING COVER FOR ALL CLEANOUTS IN PAVEMENT. SEE TYPICAL DETAIL.
- 2-21. CITY OF MELBOURNE POINT OF ACCEPTANCE WILL BE THE CLEANOUT AT THE PROPERTY LINE. ON-SITE SANITARY SEWER SYSTEM IS PRIVATELY MAINTAINED.
- 2-22. PROVIDE 494 LF OF 2" PVC POTABLE WATER LINE PER CITY OF MELBOURNE REQUIREMENTS.
- 2-23. PROVIDE HANDRAIL. SEE TYPICAL DETAIL.
- 2-24. PROVIDE 65 LF OF RETAINING WALL. SEE TYPICAL DETAIL.
- 2-25. PROVIDE 6"x2" WET TAP, 2" GATE VALVE WITH 2" REDUCED PRESSURE BACKFLOW PREVENTER AND 1.5" WATER METER PER CITY OF MELBOURNE REQUIREMENTS. SEE TYPICAL DETAILS. PROVIDE 2" COPPER WATER LINE FROM THE WET TAP AT THE CITY OF MELBOURNE WATER MAIN TO THE METER.
- 2-26. END OF PHASE I SIDEWALK. REMAINDER OF SIDEWALK TO THE NORTH TO BE CONSTRUCTED AT TIME OF FUTURE PHASE.
- 2-27. SEE PLUMBING DRAWINGS FOR CONTINUATION.

GENERAL NOTES: (ALL DRAWINGS)

1. SEE TYPICAL DETAILS ON FOLLOWING SHEETS FOR ADDITIONAL CONSTRUCTION DETAIL INFORMATION.
2. CONTRACTOR SHALL BECOME FAMILIAR AND COMPLY WITH ALL PERMITS AND PERMIT CONDITIONS. CONTRACTOR SHALL OBTAIN FROM CEG OR ALL PERMIT AGENCIES IDENTIFIED IN SPECIFICATIONS PRIOR TO COMMENCING SITE WORK.
3. ALL AREAS DISTURBED OFF-SITE SHALL BE RESTORED TO EQUAL OR BETTER CONDITION THAN PRE-CONSTRUCTION WITH SAME TYPE OF SOD AS EXISTING.
4. CONTRACTOR SHALL COMPLY WITH ALL RECOMMENDATIONS OF KSM EXPLORATION REPORT FOR THIS SITE. CONTRACTOR SHALL OBTAIN FROM CEG OR THE GEOTECHNICAL COMPANY.
5. SLOPE ALL SIDEWALKS TO FLOW AWAY FROM BUILDING WITH MAXIMUM 2% CROSS SLOPE.
6. PROVIDE CONSTANT SLOPE BETWEEN ALL SPOT ELEVATIONS.
7. UTILITY LENGTHS ARE APPROXIMATE BASED ON FIELD OBSERVATIONS AND AS-BUILT DRAWINGS. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE, DEPTH, AND MATERIAL OF EXISTING UTILITIES. PROVIDE ADDITIONAL PIPING AND FITTINGS AS NECESSARY. NOTIFY ENGINEER OF SIGNIFICANT INCREASES.
8. NOTIFY ENGINEER MINIMUM 72 HOURS (WEEKDAYS) PRIOR TO MAKING UTILITY CONNECTIONS OR BACK FILLING UTILITY TRENCHES FOR INSPECTION. IF NOT NOTIFIED CONTRACTOR SHALL EXPOSE LINES PER ENGINEER'S REQUEST FOR INSPECTIONS.
9. ALL TRAFFIC SIGNS SHALL BE INSTALLED PER STANDARD FDOT INDEX NOS. 11865 AND 17302.
10. ALL RADII ARE 5' UNLESS IDENTIFIED OTHERWISE.
11. PROVIDE 36" LONG TRANSITION WITH CONSTANT SLOPE FROM TOP OF CURB TO GRADE AT TERMINATION POINT OF CURBS.
12. ALL DIMENSIONS ARE TO FACE OF CURB.
13. CONTRACTOR SHALL CLEAR AND GRUB ALL VEGETATION ON-SITE EXCEPT TREES SHOWN TO REMAIN ON DWG C-1, L-1.
14. PROVIDE SILT FENCE PER FDOT INDEX NO. 102 ALONG ENTIRE PERIMETER OF PROJECT AREA EXCLUDING ENTRANCE DRIVEWAYS.
15. ALL WASTE SHALL BE DISPOSED OF OFF-SITE IN A SAFE AND LEGAL MANNER UNLESS OWNER SPECIFICALLY REQUESTS OTHERWISE.
16. FOR DEMOLITION OF ALL ASPHALT AND CONCRETE MATERIALS, SAWCUT EDGES FOR SMOOTH STRAIGHT EDGE. ALSO SAWCUT ALL EXISTING PAVEMENT EDGES FOR SMOOTH STRAIGHT EDGE AT ALL TIE-IN POINTS WITH NEW PAVEMENT OR CONCRETE.
17. PROVIDE HANDICAP ACCESSIBLE CONNECTION WITH TRUNCATED DOMES AT TERMINATION POINT OF ALL SIDEWALKS ADJACENT TO DRIVING LANES/PARKING PLACES PER FDOT STANDARD INDEX NO. 304.
18. CONTRACTOR SHALL VERIFY ON-SITE PRIOR TO BIDDING WORK THE FULL EXTENT OF DEMOLITION REQUIRED BASED ON SITE PLAN CONSTRUCTION DRAWINGS. ALL ITEMS SHALL BE INCLUDED IN BASE BID.
19. REMOVE ALL ABOVE GROUND IMPROVEMENTS IN AREAS SHOWN FOR DEMOLITION UNLESS SPECIFICALLY IDENTIFIED OTHERWISE.
20. SEE ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUTS AND MECHANICAL/PLUMBING DWGS FOR EXACT UTILITY CONNECTION LOCATIONS.
21. ALL SLOPES 4H:1V OR STEEPER SHALL BE SODDED. ALL SLOPES STEEPER THEN 3H:1V SHALL BE SODDED AND STAKED.
22. CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO INSTALL UTILITIES PER PLAN.
23. CONTACT UNDERGROUND UTILITIES LOCATE BEFORE COMMENCING ANY DIGGING A MINIMUM OF 48 HOURS IN ADVANCE AT 1-800-432-4770.
24. VERIFY THAT THE LANDSCAPE WORK IS COORDINATED WITH ALL UTILITIES AND STORMWATER SYSTEMS. A MINIMUM OF FIVE (5) FOOT HORIZONTAL SEPARATION BETWEEN TREES AND BURIED, AERIAL, OR GRADE-MOUNTED UTILITY SYSTEMS IS REQUIRED.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PUBLIC ROADWAYS, EASEMENTS, CURBS, SIDEWALKS, DRAINAGE SYSTEM, BENCHMARKS, OR UTILITIES AS A DIRECT RESULT OF CONSTRUCTION. A REGISTERED SURVEYOR SHALL RESTORE ANY DAMAGED BENCHMARKS.
26. ALL EXCAVATIONS OF GREATER DEPTH THAN 5' SHALL COMPLY WITH THE CURRENT OSHA TRENCH SAFETY STANDARDS 29 C.F.R. § 1926.650 SUBPART P. ANY EXCAVATION WITHIN THE CLEARZONE SHALL ALSO COMPLY WITH ALL WARNING AND/OR BARRIER REQUIREMENTS OF FDOT INDEX NO. 600 (SEE TYPICAL DETAIL).
27. STORM DRAIN CLEAN OUT SHALL MATCH SANITARY SEWER CLEAN OUT DETAIL.
28. CONSTRUCTION ENGINEERING GROUP DOES NOT WARRANT THE ACCURACY OF THE RECORD SURVEY. GRADING ADJACENT TO BUILDINGS SHALL BE 6" BELOW FINISHED FLOOR UNLESS IDENTIFIED OTHERWISE BY ARCHITECT OR ON GRADING PLANS.
29. ALL STOP SIGNS SHALL BE 30"x30" HIGH INTENSITY OR DIAMOND GRADE PER MUTCD R1-1. SEE TYPICAL CITY DETAIL.
30. STORMWATER PIPE JOINTS MUST BE WRAPPED WITH TYPAR WRAP WITH A MINIMUM OVERLAP OF 12". SEE TYPICAL DETAIL.
31. THERE WILL BE NO UTILITY LATERALS, METER BOXES, OR VALVE BOXES IN EXISTING OR PROPOSED SIDEWALK OR DRIVEWAY AREAS.
32. ALL WATER DISTRIBUTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF MELBOURNE TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS (1998).
33. ALL SEWER COLLECTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF MELBOURNE FEBRUARY 1998 SPECIFICATIONS.
34. CONTRACTOR TO PROVIDE STABILIZED ALL-WEATHER TURNAROUND AREA DURING CONSTRUCTION FOR EMERGENCY VEHICLES.
35. ALL SIGNS TO BE SHEETED WITH HIGH-INTENSITY OR BETTER REFLECTIVE SHEETING.
36. ALL 10'-FOOT PARKING SPACES MUST BE SIGNED OR PAINTED "EMPLOYEE ONLY" ON FACE OF CURB.
37. ANY DEBRIS ENTERING THE CITY SEWER SYSTEM WILL NEED TO BE REMOVED AT THE CONTRACTOR'S EXPENSE.
38. IF THE SEPARATION BETWEEN A STORM PIPE AND SEWER LINE WITH STORM ABOVE SEWER IS LESS THAN 18", THE SEWER PIPE MUST BE UPGRADED WITH A 20' STICK OF C-900 GREEN IN COLOR. CONCRETE SADDLES MUST SUPPORT THE STORM PIPE.
39. LANDSCAPING IS REQUIRED ON THREE SIDES OF THE DUMPSTERS.
40. MAXIMUM ELEVATION CHANGE AT THE ACCESSIBLE DOORS SHALL NOT EXCEED 1/4".
41. ANY AREAS OFF-SITE MUST BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN PRE-CONSTRUCTION. MATCH EXISTING GRASS TYPE WITH NEW SOD FOR ALL DISTURBED AREAS.
42. ALL INVASIVE AND NON-NATIVE TREES MUST BE REMOVED.
43. IF 3' OF COVER CANNOT BE MAINTAINED OVER THE SANITARY SEWER LINE, THE SEWER LINE MUST BE UPGRADED TO C-900 GREEN IN COLOR.
44. THIS IS A PRIVATE SEWER SYSTEM. THE CITY'S POINT OF ACCEPTANCE IS THE CLEANOUT ON THE PROPERTY LINE.
45. ALL STREETS AND STORMWATER CONSTRUCTION SHALL BE ACCORDANCE WITH CITY OF MELBOURNE TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF STREETS, PAVING AND DRAINAGE SYSTEMS (1991).
46. ALL DRAINAGE SYSTEMS WILL BE PRIVATELY MAINTAINED ON-SITE.
47. PROVIDE TRUNCATED DOMES AND TACTILE SURFACE ON FULL LENGTH OF ALL RAMPS PER FLORIDA BUILDING CODE REQUIREMENTS. SEE TYPICAL DETAILS.
48. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES, MATERIALS, AND SIZES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

REVISION	DATE	CITY OF MELBOURNE COMMENTS	
1	05/09/11		

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DRAWING TITLE

SITE AND UTILITY PLAN

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No. 66676
State of Florida
Professional Engineer

JUL 21 2011
DATE
3-17-11

SCALE
1"=20'

PROJ NO.
110025

DESIGNED BY:
ELJ

DRAWN BY:
NCW

CHECKED BY:
ELJ

DRAWING NO.
C-2

