

**GENERAL NOTES**

THE CIVIL ENGINEERING DESIGN FOR A WOODSPRING SUITES HOTEL PROJECT SHALL CONSIDER THE FOLLOWING ITEMS AS STANDARDS REQUIRED BY THE BRAND. THE FOLLOWING INFORMATION IS PROVIDED AS INPUT TO THE DESIGN PROCESS, AS FINAL DESIGN RESPONSIBILITY WILL BE PROVIDED BY THE CIVIL ENGINEER OF RECORD FOR EACH PROJECT.

- SITE PLAN WITH DIMENSION CONTROL AND PAVING PLAN.**  
THE CIVIL ENGINEER OR ARCHITECT SHALL LAYOUT THE SITE FROM THE "CONCEPT SITE PLAN" PROVIDED. INSURE TO MEET CODE AND ADA REQUIREMENTS FOR THE FOLLOWING:

**PARKING:** ONE STALL FOR EACH GUEST ROOM. TYPICALLY 115 + 5 ADA + 4 STAFF. 125 TOTAL.

**FIRE TRUCK TURNING RADIUS:** PROVIDE MINIMUM 28' RADIUS AT TURNS IN THE FIRE LANE SURROUNDING THE BUILDING.

**TRASH ENCLOSURES:** SHALL HAVE 14' X 13'-4" CMU WALLS, METAL SCREEN GATE (1/2" PERFORATED METAL 20 GAUGE THICKNESS) WITH HEAVY DUTY GATE HARDWARE AND BOLLARD PROTECTION.

**LANDSCAPING:** 5' WIDE INTERIOR LANDSCAPE BED STARTING AT SINGLE ROOM INSET, 4' WIDE ALONG THE FRONT AND REAR WITH NON-COMBUSTIBLE MULCH PLANTINGS IN PAVEMENT ISLANDS AND LOT PERIMETER AS REQUIRED. PROVIDE AUTOMATIC IRRIGATION TO ALL BEDS WITH CONTROLLER IN THE MECHANICAL ROOM.

**LOT COVERAGE:** PROVIDE MINIMUM LANDSCAPE BUFFERS FROM THE EDGE OF PAVING TO THE PROPERTY LINE. COVERAGE SHALL BE PROVIDED TO CONFORM TO LOCAL STANDARDS FOR PLANTING AND IRRIGATION. SATISFYING MINIMUM REQUIRED PLANT COUNTS SHOULD HAVE INTERIOR LANDSCAPING FILLED FIRST, THEN TRAFFIC ISLAND, WITH REMAINING PLANTINGS (IF ANY) IN THE LANDSCAPED AREAS OUTSIDE OF THE PAVED AREAS.

**SIDEWALKS:** 5' MIN WIDE SIDEWALK SURROUNDING THE ENTIRE BUILDING PERIMETER, OUTSIDE THE INTERIOR LANDSCAPING, AND INSIDE THE PARKING LOT. ACCESS ALL EXTERIOR DOORS, AND SATISFY ALL LOCAL JURISDICTIONAL REQUIREMENTS FOR ADA, ETC. **DIMENSION CONTROL:** TO LOCATE THE BUILDING, PARKING, RETAINING WALLS IF ANY AND ALL SITE CONSTRUCTION ITEMS INCLUDING ANY REMOTE BUILDING SIGNAGE. IF A NARROW LOT IS DEVELOPED, THE DISTANCE FROM THE FURTHEST PARKING STALL TO THE NEAREST BUILDING STAIRWELL DOOR SHALL NOT EXCEED THE LENGTH OF THE BUILDING.

- CONSTRUCTION/PAVING DETAILS.**  
THE CIVIL ENGINEER SHALL PROVIDE ALL DESIGN AND CONSTRUCTION DETAILS FOR ALL SITE ITEMS.

**PAVING SECTIONS:** TYPICAL SECTIONS FOR DRIVE AISLE, PARKING STALLS AND CONCRETE HEAVY DUTY PAVEMENT AT DUMPSTER LOADINGPAD AND PUBLIC ROAD ENTRY APRON, ASPHALT OR CONCRETE PAVING SHALL MEET THE STANDARDS REFERENCED IN THE GEOTECHNICAL REPORT FOR THE PROJECT, AND THE PROJECT MANUAL.

**CURBING:** ALL PAVEMENT EDGES SHALL HAVE 6" TALL CONCRETE CURBING, COORDINATED WITH THE DRAINAGE AND GRADING PLAN.

**BOLLARDS:** SHALL BE 6" CONCRETE FILLED CAPPED STEEL SCHEDULE 80 PIPE, MAXIMUM 50" ABOVE GRADE, WITH ADEQUATE DEPTH OF CONCRETE FOOTING. BOLLARDS SHALL BE PLACED TO PROTECT DUMPSTER ENCLOSURE WALLS, ELECTRICAL TRANSFORMER, ELECTRICAL SWITCH GEAR, NATURAL GAS REGULATOR, AND OTHER SITE FEATURES REQUIRING PROTECTION FROM VEHICULAR TRAFFIC.

**RETAINING WALLS:** IF REQUIRED, SHALL BE ENGINEERED SEGMENTAL BLOCK, MECHANICALLY STABILIZED, WITH PROPER DRAINAGE.

**SIDEWALKS:** SHALL BE CONCRETE, MINIMUM 5" IN WIDTH, MINIMUM 4" THICK, 3,000 PSI COMPRESSIVE STRENGTH, WITH BROOM FINISH AND EXPANSION AND CONTRACTION JOINTING PER ACI STANDARDS.

**STRIPING:** SHALL BE WHITE IN COLOR, USING PAINT AND REFLECTION BEAD MATERIALS MEETING LOCAL STATE DOT STANDARDS FOR QUALITY. ALTERNATE COLORS ARE ALLOWED FOR ADA AND FIRE.

- GRADING PLAN.**  
THE CIVIL ENGINEER SHALL PROVIDE A COMPLETE GRADING PLAN CONSISTING OF EXISTING AND REVISED CONTOURS AND SPOT ELEVATIONS. THE CIVIL ENGINEER SHALL BE RESPONSIBLE TO MEET LOCAL ACCESSIBILITY CODES. THE CIVIL ENGINEER SHALL PROVIDE FOR STORM WATER DETENTION ON SITE IF REQUIRED. STORM WATER PIPE SHALL BE HIGH DENSITY POLYETHYLENE AS ALLOWED BY THE LOCAL JURISDICTION. THE CIVIL ENGINEER SHALL PROVIDE LOCATION AND STRUCTURAL DESIGN FOR ALL RETAINING WALLS. PROVIDE DRAINAGE AREA PLAN IF REQUIRED BY LOCAL CODES.

- EROSION CONTROL PLAN AND DETAILS.**  
THE CIVIL ENGINEER SHALL PROVIDE A COMPLETE EROSION CONTROL PLAN SUITABLE FOR PERMITTING.

**SITE UTILITIES PLAN AND DETAILS**  
SHOW ALL UTILITY RUNS FROM THEIR TAPSOURCE TO WITHIN 5' OF THE BUILDING. THE CIVIL ENGINEER SHALL BE RESPONSIBLE TO COORDINATE THESE UTILITIES WITH THE MEP ENGINEERS. THE CIVIL ENGINEER SHALL PROVIDE A COMPLETE PLAN BRINGING ALL SITE UTILITIES. THE MECHANICAL ROOM AND ADJOINING ELECTRICAL ROOM CAN BE PLACED LEFT OR RIGHT OF THE FRONT ENTRANCE TO MINIMIZE LATERAL RUNS AND FEEDS TO THE BUILDING FROM AVAILABLE MAINS.

THE CIVIL ENGINEER SHALL VERIFY ALL BUILDING UTILITY CAPACITY REQUIREMENTS IN THE DESIGN PROCESS. THE FOLLOWING SIZING AND CAPACITIES ARE BASED ON PREVIOUS SITES:

**DOMESTIC WATER:** TYPICALLY 3" MINIMUM FOR 150 GPM PEAK DEMAND.

**FIRE SUPPRESSION WATER:** TYPICALLY 6" MINIMUM FOR 2,000 GPM DEMAND.

**SANITARY SEWER:** TYPICALLY 8", FOR 11 GPM AVERAGE FLOW, 33 GPM PEAK FLOW. SANITARY CONNECTIONS SHALL BE LEFT, RIGHT OR CENTER OF THE BUILDING, WITHOUT CHANGING LOCATION OF ROOMS. SANITARY DESIGN AND DETAILS SHALL FOLLOW LOCAL, STATE STANDARDS OR LOCAL JURISDICTIONAL REQUIREMENTS IF MORE STRINGENT. SANITARY SEWER SHALL BE SHOWN IN PLAN AND PROFILE WITH ELEVATIONS.

**NUMBER OF PARKING SPACES SHOWN ON THIS DRAWING:**  
STANDARD SPACES: 112 STALLS  
CONVERT SPACES: 12 STALLS  
STATE STANDARDS FOR ACCESSIBILITY: 5 STALLS  
TOTAL: 129 STALLS

**SANITARY LIFT STATION:** IF REQUIRED, THE LIFT STATION SHALL USE VAUGHN CHOPPER PUMPS, WITH DUAL PUMPS, CONTROLS, AND NATURAL GAS FUELED ELECTRICAL GENERATOR BACK-UP.

**NATURAL GAS:** PROVIDED AT 7" W.C. PRESSURE FOR 729 M BTU/HR PEAK DEMAND.

**ELECTRICAL TRANSFORMER:** FOR 1,600 AMP, 208VOLT, 3 PHASE 4 WIRE SERVICE. LOCATE AS CLOSE AS PRACTICAL TO THE BUILDING TO RESULT IN MINIMUM SECONDARY RUN LENGTHS.

**CABLE TV:** PROVIDE 3" CONDUIT, VERIFY WITH LOCAL SERVICE.

**TELEPHONE CONNECTION:** PROVIDE 3" CONDUIT, VERIFY WITH LOCAL SERVICE.

**DATA COMMUNICATIONS:** PROVIDE 3" CONDUIT, VERIFY WITH LOCAL SERVICE.

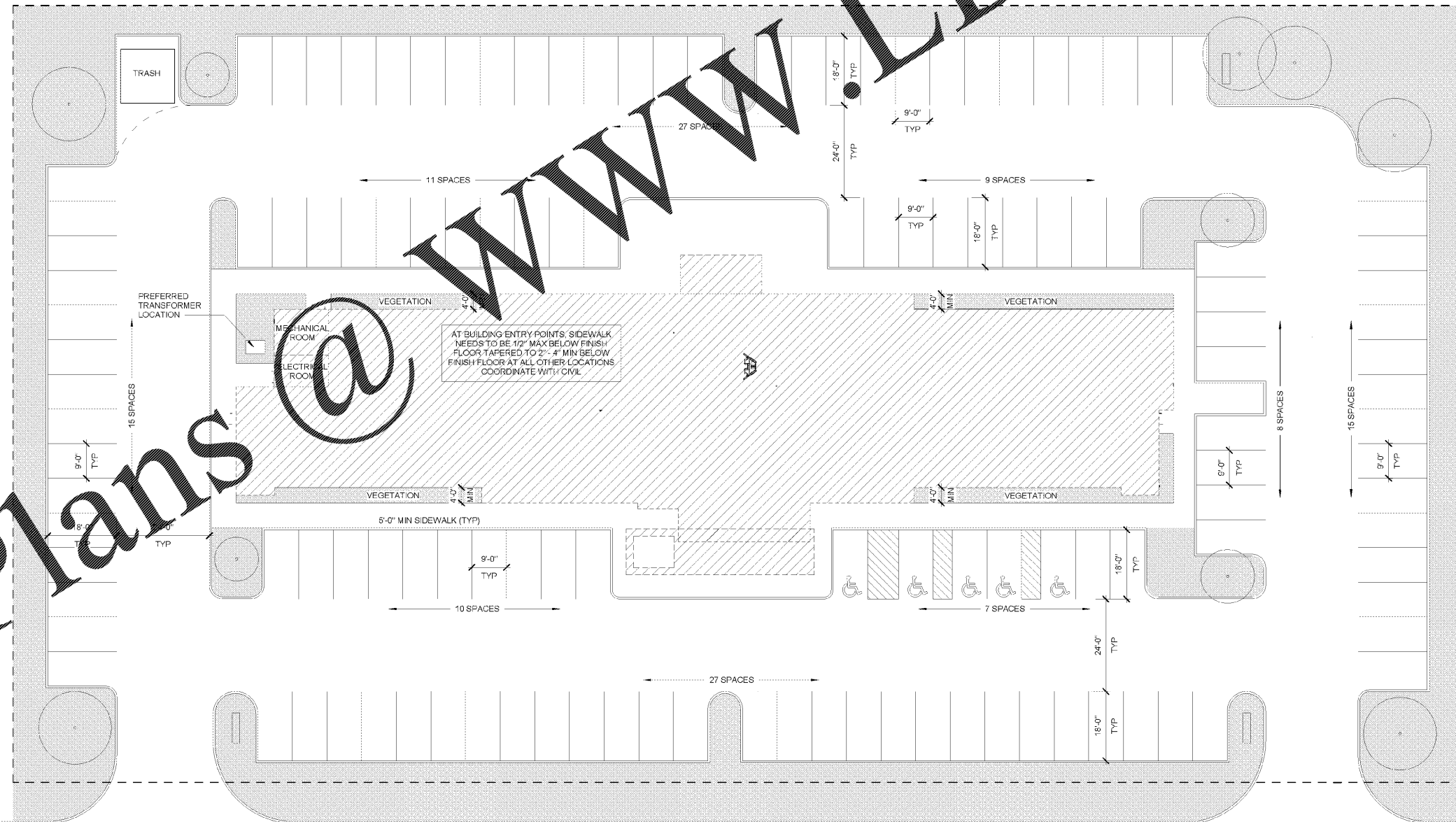
**LOT LIGHTING:** SHALL BE COORDINATED WITH THE ELECTRICAL ENGINEER. LOT LIGHTING SHALL BE PROVIDED WITH LED FIXTURES AS SHOWN IN THE LIGHTING FIXTURE SCHEDULE ON ELECTRICAL SHEETS IN THE WOODSPRING SUITES PROTOTYPE. POLE LIGHTS (FIXTURE SA) ARE GENERALLY NEEDED IF PARKING STALLS ARE MORE THAN 70' FROM THE ENDS OF THE BUILDING, OR 100' FROM THE FRONT OR REAR.

**LOT LIGHTING SHALL MEET THE USDOE L22 REQUIREMENTS:**

- POWER DENSITY: 0.05 W/F<sup>2</sup>
- MINIMUM LUMINANCE (LM/F<sup>2</sup>)
- MAIN AREA: 0.5
- PERIMETER: 0.2

**NOTE:** LSG FOREFRONT150W LED FIXTURE F WALL PACK CAN MEET 0.05 W/F<sup>2</sup>

- STORM SEWER PLAN AND DETAILS (IF REQUIRED)**  
THE CIVIL ENGINEER SHALL PROVIDE A COMPLETE PLAN FOR STORM SEWER AND ON SITE DETENTION IF REQUIRED AND SHOW BOTH IN PLAN AND STORM SEWER PROFILE. STORM SEWER PIPES SHALL BE HDPE, UNLESS NOT ALLOWED BY THE LOCAL JURISDICTION.



**1 ARCHITECTURAL SITE PLAN**  
1/4" = 1'-0"

**W**  
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**WOODSPRING SUITES**  
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Pasco County  
Cypress Creek, FL

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SITE PLAN

**SP1.1**