

EXISTING POND
 NWL - EL. 112.00
 25V PEAK - 114.74
 TOB - EL. 116.00

232 LF SEGMENTAL
 BLOCK RETAINING
 WALL SEE DETAILS,
 SHEET No. 9 & 10

SAW CUT EXISTING PAVEMENT
 FOR STRAIGHT EDGE AND
 MATCH WITH BUTT JOINT

BENCHMARK #2
 NAIL AND DISK
 EL. 31.76

HANDICAP ACCESSIBLE RAMP
 (5% MAXIMUM LONGITUDINAL
 GRADE WITH 1.0% CROSS SLOPE)

#3 BENCHMARK
 CONCRETE MONUMENT
 EL. 125.00

U.S. HIGHWAY 90 (STATE ROAD 10)
 (VARIABLE R/W)(SPEED LIMIT 45 MPH)

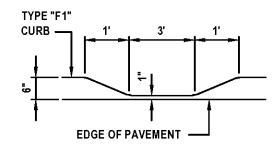
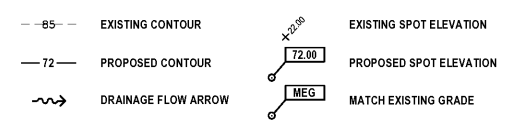
GENERAL GRADING NOTES:

- CROSS SLOPES OF ACCESSIBLE PARKING SPACES AND ACCESS AISLE SHALL NOT EXCEED 1:48 IN ACCORDANCE WITH SECTION 502.4 OF FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (FACBC).
- THE MAXIMUM ELEVATION CHANGE AT THE ENTRANCE DOOR MAY NOT EXCEED 1/2 INCH.
- ALL SIDEWALK LANDINGS SHALL HAVE SLOPES NO GREATER THAN 1/4 INCH / 1 FOOT IN MANEUVERING SPACES AT ALL DOORWAYS.
- ALL SIDEWALKS SHALL HAVE A 1.0% CROSS SLOPE (2.0% MAXIMUM).
- ALL CURB RAMPS SHALL COMPLY WITH SECTION 406 OF FACBC.
- ALL IMPROVEMENTS SHALL BE STAKED FOR CONSTRUCTION BY MEANS OF DIGITAL COORDINATES BY SURVEY OR UTILIZING GEODETIC TOTAL STATION. SCALING OF DRAWINGS FOR PURPOSES OF STAKING ARE AT THE SURVEYOR'S RISK.

GENERAL EARTHWORK NOTES:

- IF ANY MUCK OR MUCK-LIKE MATERIAL IS DISCOVERED, IT WILL BE REQUIRED TO BE REMOVED, BACKFILLED WITH APPROPRIATE FILL, COMPACTED, AND TESTED USING AASHTO T-180 MODIFIED PROCTOR METHOD.
- ALL FILLING IS TO BE PERFORMED IN ONE-FOOT LIFTS. THE COMPACTION REQUIREMENT IS 98% FOR PAVED AREAS AND 95% FOR UNPAVED AREAS PER AASHTO T-180 MODIFIED PROCTOR TEST.
- TEMPORARY FILL STOCKPILING IS NOT PERMITTED IN LIFTS GREATER THAN SIX FEET.
- SOILS ARE TO BE STABILIZED BY WATER OR OTHER MEANS DURING CONSTRUCTION. THIS IS INTENDED TO REDUCE SOIL EROSION AND THE IMPACT TO NEIGHBORING COMMUNITIES.
- ONCE AN AREA IS SEEDED OR SODDED, IT MUST BE MAINTAINED TO ALLOW THE GRASS TO GROW.
- ALL NON-PAVED AREAS MUST BE PLANTED, GRASSED, OR MULCHED.

GRADING LEGEND:



CURB NOTCH DETAIL
 NOT TO SCALE

BENCHMARK INFORMATION:

- #1 IRON ROD, NO ID
ELEVATION = 32.74
- #2 NAIL & DISK, NO ID
ELEVATION = 31.76
- #3 NAIL & DISK, NO ID
ELEVATION = 32.10

VERTICAL DATA
 ELEVATIONS REFER TO (NAVD 88) NORTH AMERICAN
 VERTICAL DATUM 1988. FEET AND DECIMAL PART
 THEREOF. BENCHMARK REFERENCE DESIGNATION IS
 CITY OF DAYTONA BEACH, DESIGNATION: RMR-51
 ELEVATION 28.14 FEET

CURB RAMP LEGEND:

- SIDEWALK CURB RAMP (CR-C)
 WITH 24" DETECTABLE WARNING
 MAT PER FDOT INDEX 522-002
- SIDEWALK CURB RAMP (CR-E)
 WITH 24" DETECTABLE WARNING
 MAT PER FDOT INDEX 522-002
- SIDEWALK CURB RAMP (CR-G)
 WITH 24" DETECTABLE WARNING
 MAT PER FDOT INDEX 522-002

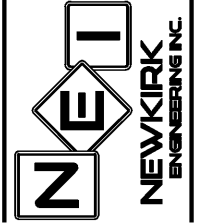


WARNING !!
 CONTRACTOR SHALL TAKE ALL PRECAUTIONS
 DURING CONSTRUCTION TO AVOID CONTACT
 WITH EXISTING UNDERGROUND UTILITIES, GAS
 MAINS AND OVERHEAD ELECTRIC IN THE
 RIGHT-OF-WAY.

REVISIONS

DATE	DESCRIPTION

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GRADING PLAN
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PROJECT No: 2020-307
 DATE: DECEMBER 2020
 DESIGN BY: HHN
 DRAWN BY: DAB
 CHECKED BY: HHN
 SCALE: 1" = 20'
 DRAWING NUMBER

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