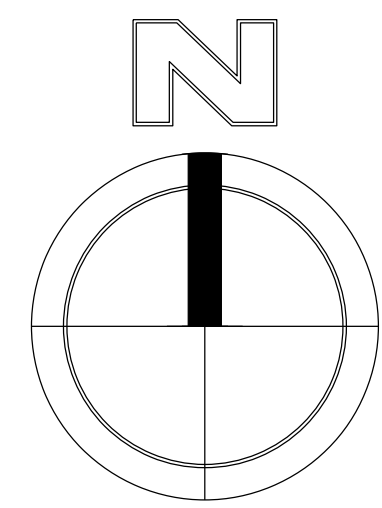
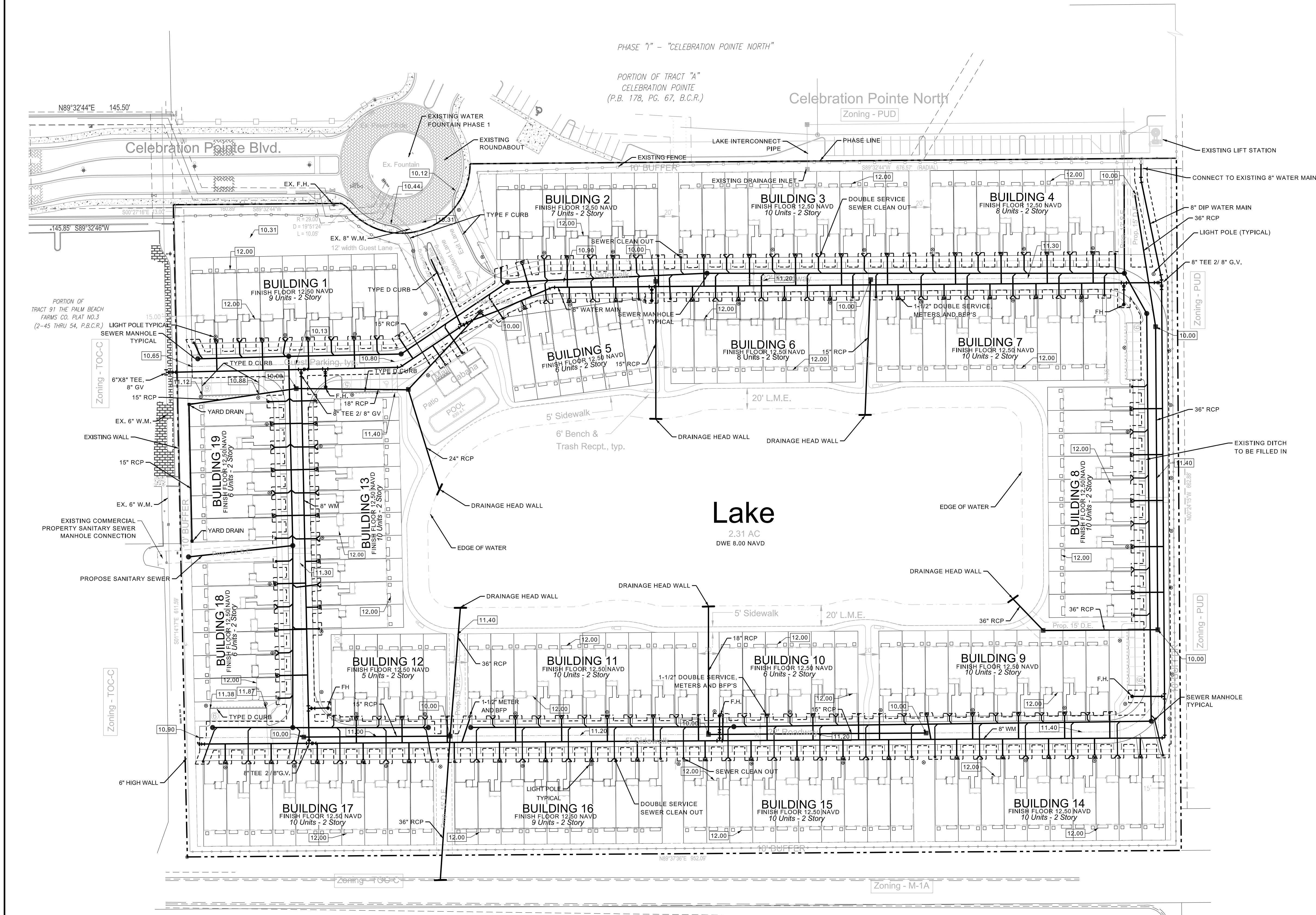




0 50 100
FEET
SCALE: 1"=50'

LEGEND

- 100'-24" R.C.P. LENGTH - SIZE - MATERIAL
--- PAVEMENT FLOW LINE
--- PAVEMENT RIDGE LINE
0.60% PAVEMENT SLOPE & DIRECTION
X FLOW DIRECTION
--- PROPOSED GRADE
15.00 EXISTING GRADE
F.F. = +12.50 FINISHED FLOOR ELEVATION
● SEWER / DRAINAGE MANHOLE
■ DRAINAGE INLET
■ CURB INLET
● YARD DRAIN BASIN
Y DOUBLE SEWER SERVICE
Y SINGLE SEWER SERVICE
H FIRE HYDRANT
H TAPPING SLEEVE & VALVE
H DOUBLE WATER METER
H SINGLE WATER METER
H GATE VALVE
H EXISTING VALVE
H EXISTING FIRE HYDRANT
H BACTERIOLOGICAL SAMPLING POINT
① R.C.P.
H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
C.A.P. CORRUGATED ALUMINUM PIPE
W.M. WATER MAIN
G.V. GATE VALVE
F.H. FIRE HYDRANT
R.E. RIM ELEVATION
I.E. INVERT ELEVATION
E.O.P. EDGE OF PAVEMENT
P.R.B. POLLUTION RETARDANT BAFFLE
D.W.E. DESIGN WATER ELEVATION
SAW CUT & WIDENING
- CONFLICT DESIGN INFORMATION
15" D = +15.00 SIZE & BOTTOM OF PIPE ELEV.
8" S = +13.50 SIZE & TOP OF PIPE ELEVATION
W = WATER MAIN
S = SANITARY SEWER MAIN
D = STORM DRAINAGE LINE



ALL ELEVATIONS ARE NAVD 1988
VERTICAL DATUM

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS

Designed by: JH Date: 6/15
Drawn by: JLS Date: 6/15
Checked by: JH Date: 6/15



HSQ GROUP, INC.
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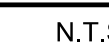
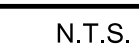
CELEBRATION POINTE SOUTH
CONCEPTUAL ENGINEERING PLAN

SCALE:
1" = 50'
PROJECT NUMBER:
1305-26
SHEET NUMBER:
CE-1

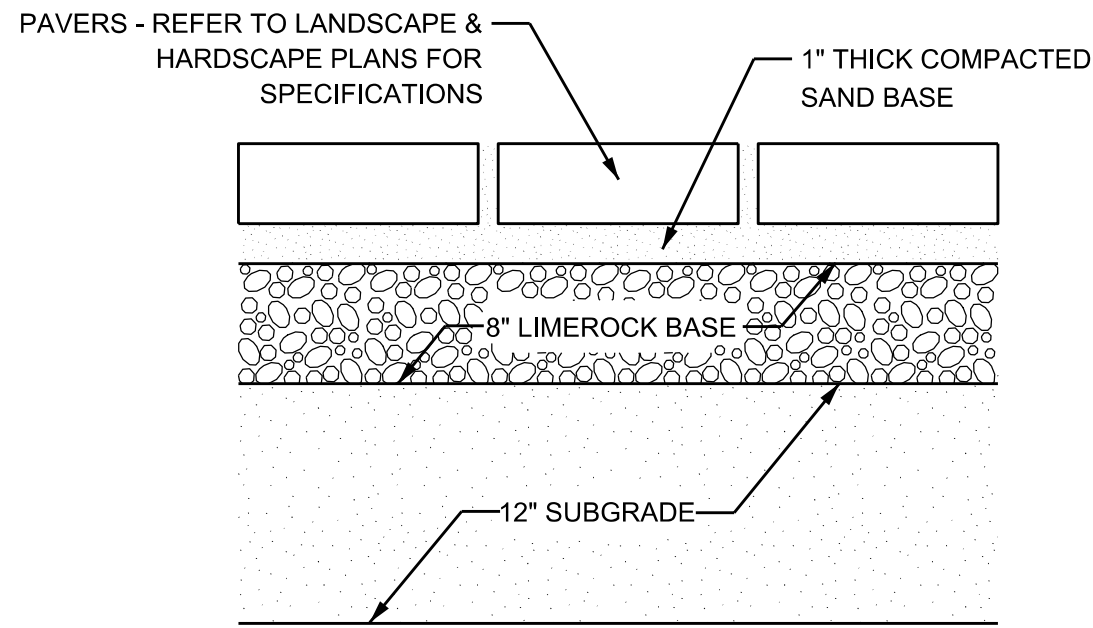
Date: 4/7/2017
Approved by: JAY HUEBNER, P.E.
Registered Engineer No.: 54615
State of Florida

4/7/2017

z:\projects\2013\1305-26 celebration pointe\drawings\site plan\1305-26 ce002 - pt2.dgn

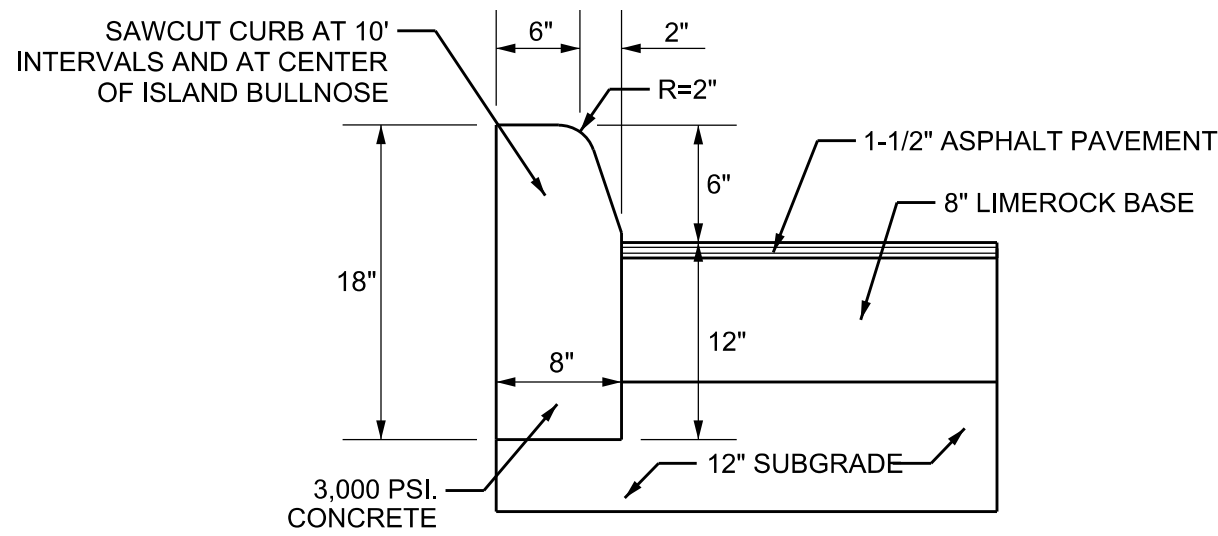


PROJECT NUMBER	1305-26
SHEET NUMBER	CE-2



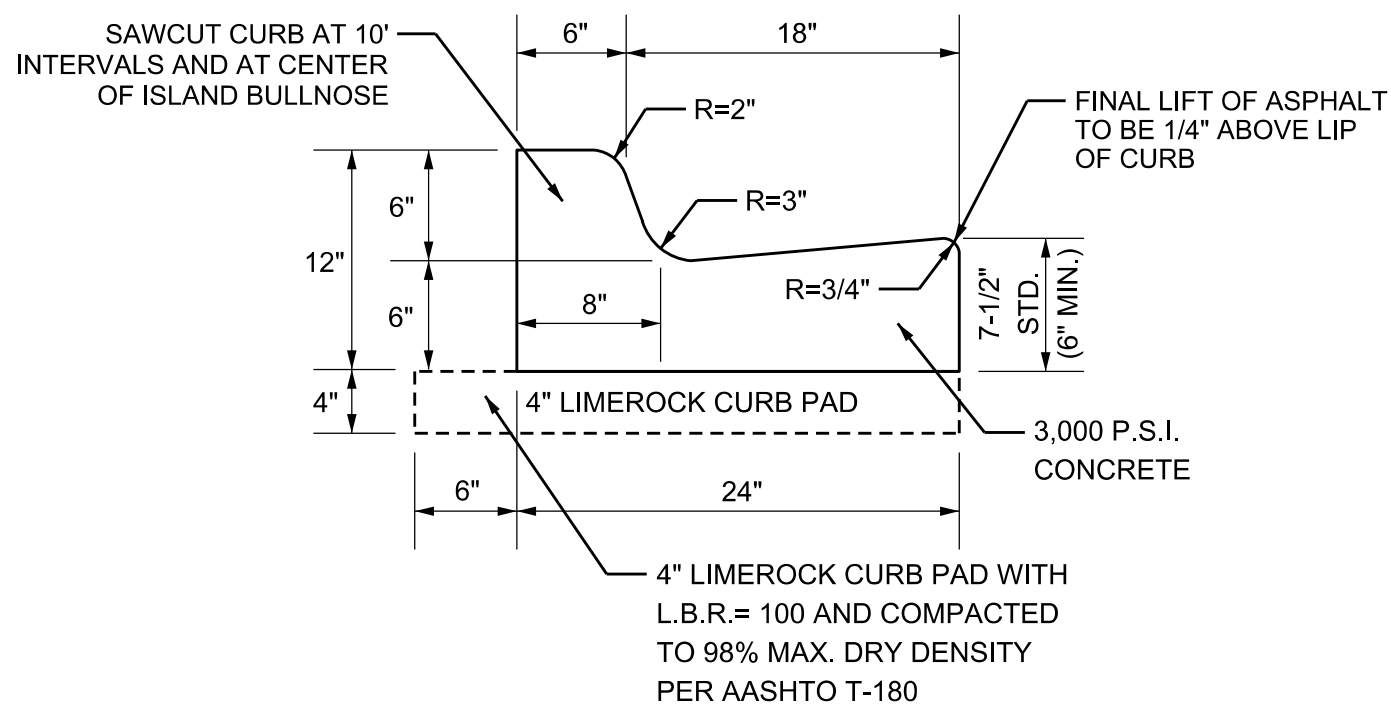
PAVER DETAIL (PAVEMENT AREAS)

N.T.S.



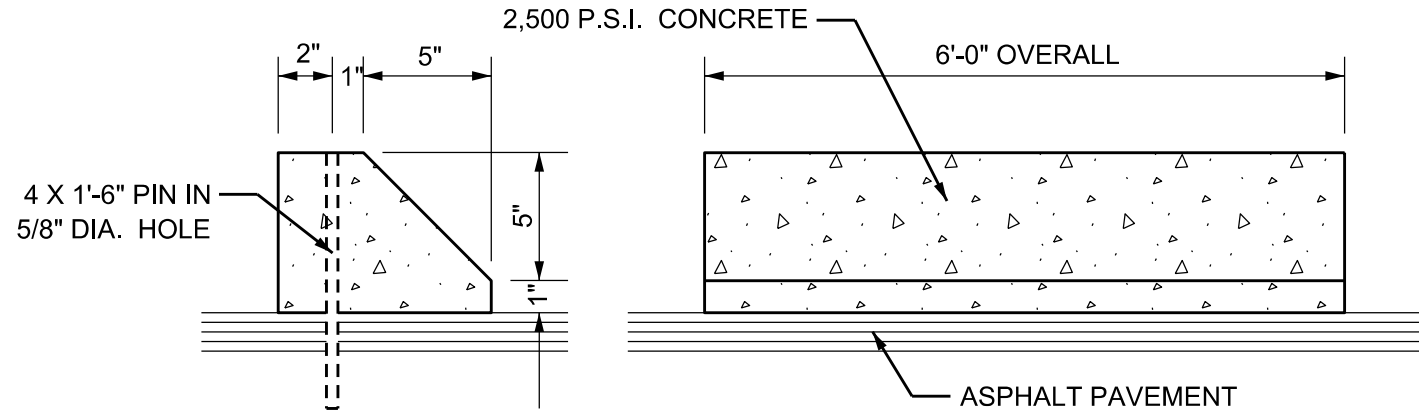
TYPE "D" CONCRETE CURB DETAIL

N.T.S. - PER F.D.O.T. INDEX 300



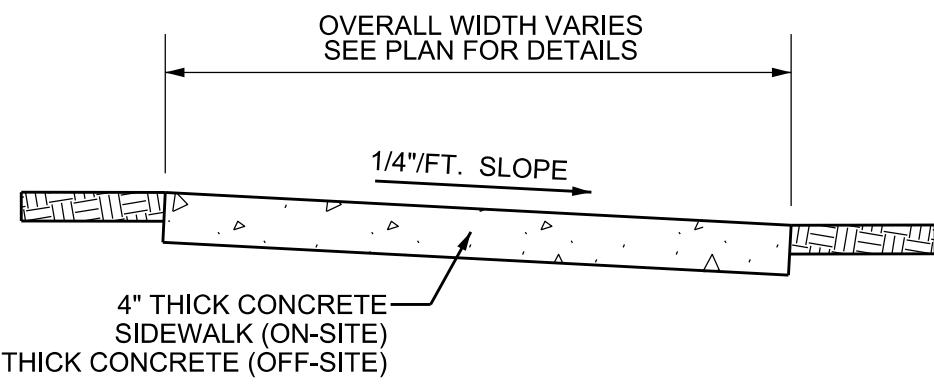
TYPE "F" CURB & GUTTER DETAIL

N.T.S. - PER F.D.O.T. INDEX 300



CONCRETE WHEEL STOP DETAIL

N.T.S.



NOTES

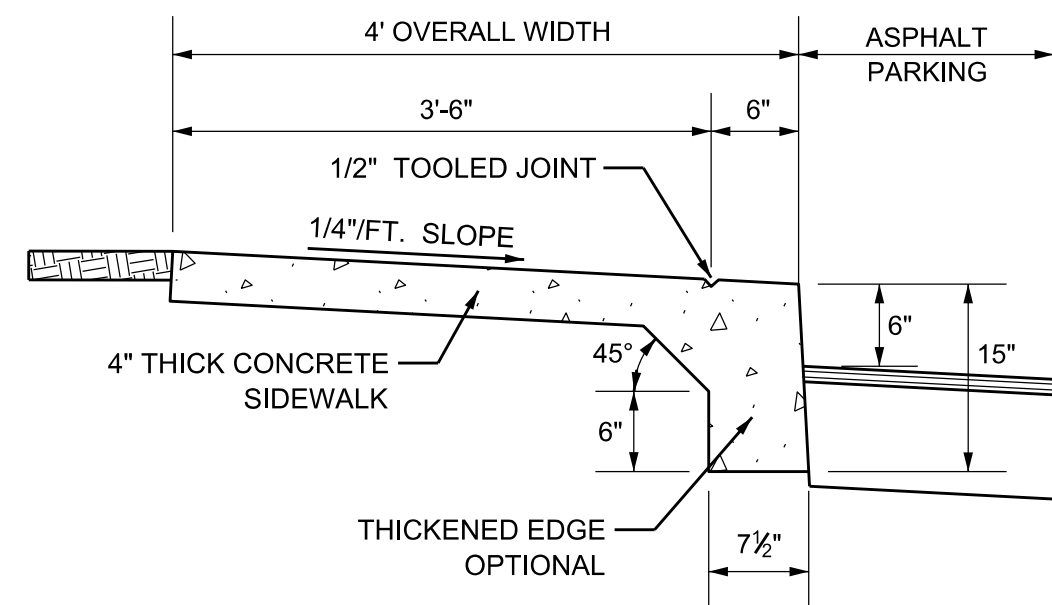
1. PROVIDE 1/8" CONSTRUCTION JOINTS AT 5' O/C, MINIMUM DEPTH 1/2".
2. PROVIDE 1/2" EXPANSION JOINTS WITH NON-RIISING FILLER AT 20' O/C, TO RUN FULL DEPTH OF SLAB.
3. CONCRETE TO BE 3,000 P.S.I. IN 28 DAYS.
4. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

CONCRETE SIDEWALK DETAILS

N.T.S.

PAVEMENT NOTES

1. THE PAVEMENT SURFACE SHALL BE TYPE S-3 ASPHALTIC CONCRETE. THE SURFACE SHALL BE 1 1/2 INCHES THICK, APPLIED IN TWO (2) SEPARATE LIFTS OF 3/4 INCHES EACH. A TACK COAT SHALL BE APPLIED BETWEEN BOTH PAVEMENT COURSES.
2. THE LIMEROCK BASE SHALL BE 8 INCHES THICK. THE LIMEROCK MATERIAL SHALL HAVE A MINIMUM LIMEROCK BEARING RATIO (L.B.R.) VALUE OF 100. THE LIMEROCK MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
3. THE SUBGRADE SHALL BE 12 INCHES THICK. THE SUBGRADE MATERIAL SHALL HAVE A MINIMUM LIMEROCK BEARING RATIO (L.B.R.) VALUE OF 40. THE SUBGRADE MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
4. THE LIMEROCK AND SUBGRADE COURSES SHALL NOT BE CONSTRUCTED UNTIL ALL UTILITY INSTALLATIONS UNDER PAVEMENT AREAS ARE COMPLETED, TESTED AND ACCEPTED. ANY PAVEMENT CONSTRUCTION PRIOR TO THIS REQUIREMENT SHALL BE CONDUCTED AT THE CONTRACTOR'S OWN RISK AND ANY REQUIRED REPAIRS WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY.
5. THE PRIME AND TACK COATS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (SECTIONS 300-1 THRU 300-7) SPECIFICATIONS. THE PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD OF PAVEMENT.
6. PERIODIC DENSITY TESTING SHALL BE CONDUCTED AFTER BOTH SUBGRADE AND LIMEROCK BASE COURSES HAVE BEEN COMPLETED. THE TOTAL NUMBER AND EXACT LOCATIONS OF THE TESTS SHALL BE DETERMINED BY EITHER THE ENGINEER-OF-RECORD OR GOVERNMENT INSPECTOR. THE MINIMUM AMOUNT OF TESTING SHALL BE BASED ON ONE (1) DENSITY TEST PER 5,000 SQAURE FEET OF PAVEMENT.
7. THE FIRST LIFT OF THE ASPHALTIC CONCRETE PAVEMENT SHALL BE APPLIED 1/2 INCH BELOW THE LIP OF CURB AND/OR SIDEWALK (IF APPLICABLE). THE SECOND (FINAL) LIFT SHALL EXTEND 1/4 INCH ABOVE THE LIP OF CURB AND/OR SIDEWALK. THE FINAL LIFT OF ASPHALT SHALL NOT BE APPLIED UNTIL EITHER THE CLIENT, ENGINEER-OF-RECORD AND/OR GOVERNMENT AGENCY DETERMINES THAT SUBSTANTIAL PROJECT CONSTRUCTION HAS BEEN COMPLETED.
8. ALL EXISTING ORGANIC AND DELETERIOUS MATERIALS WITHIN THE RIGHT-OF-WAY AND PAVEMENT AREAS ARE TO BE REMOVED TO THEIR FULL DEPTH AND REPLACED WITH APPROVED SUITABLE MATERIAL. UNLESS AN ALTERNATIVE METHOD IS RECOMMENDED BY A CERTIFIED GEOTECHNICAL ENGINEER, THE DETERMINATION OF ORGANIC AND UNSUITABLE MATERIALS SHALL BE BASED ON F.D.O.T. STANDARDS.
9. ALL EXISTING PAVEMENT CONNECTIONS AND REPAIRS SHALL HAVE A STRAIGHT SAW-CUT EDGE PRIOR TO APPLYING NEW ASPHALT.
10. ONCE FINAL LIFT OF ASPHALT HAS BEEN APPLIED, ALL PERMANENT CONTROL POINTS, REFERENCE MARKERS, VALVES, INLET AND MANHOLE RIMS SHALL BE ADJUSTED TO FINAL GRADE.
11. PAVING SHALL NOT COMMENCE UNTIL ROCK AS-BUILTS HAVE BEEN APPROVED BY THE ENGINEER OF RECORD AND THE CITY INSPECTOR.

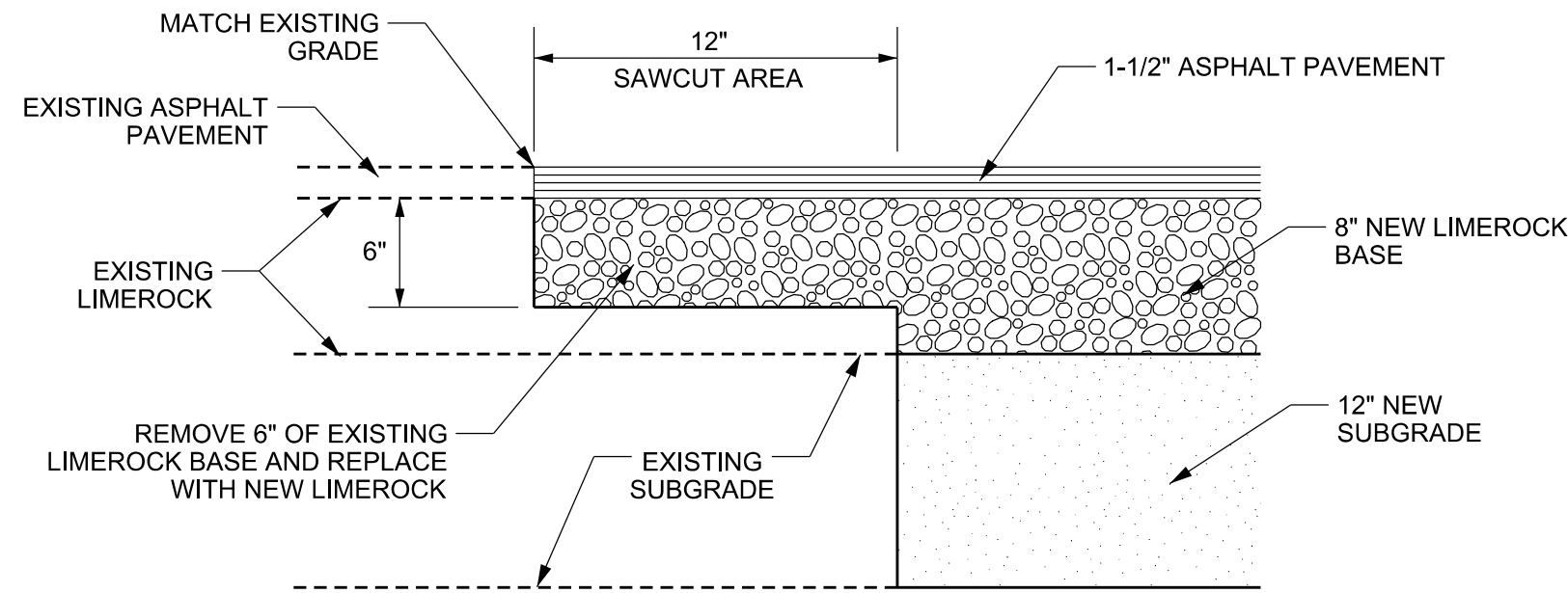


NOTES

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CONCRETE SIDEWALK DETAILS

N.T.S.



PAVEMENT CONNECTION DETAIL

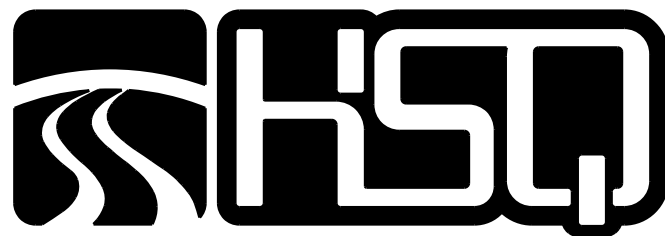
N.T.S.

NO.	DATE	BY	REVISION

Designed by: J.H. Date: 7/15
Drawn by: R.W. Date: 7/15
Checked by: N.S. Date: 7/15

Approved by: JAY HUEBNER Date: 4/6/2017

Registered Engineer Number 54615
State of Florida



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CELEBRATION POINTE SOUTH
CONCEPTUAL ENGINEERING DETAILS

PROJECT NUMBER
1305-26
SHEET NUMBER
CE-3

4/6/2017

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