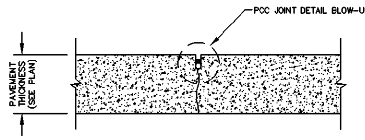
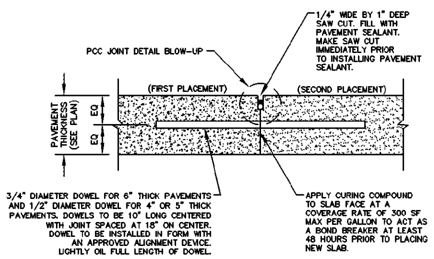
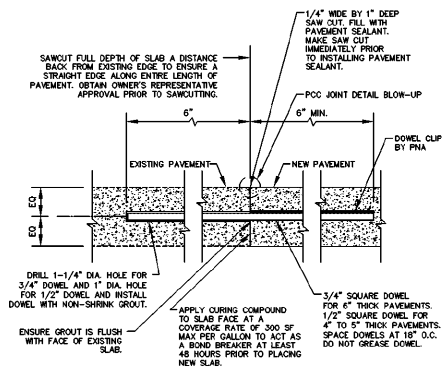


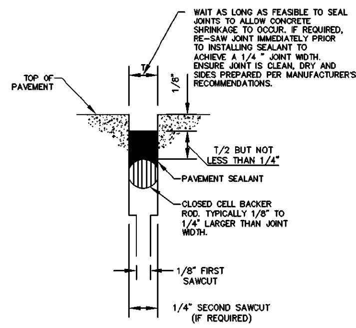
CONTRACTION JOINT



CONSTRUCTION JOINT



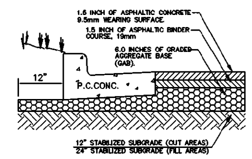
CONSTRUCTION JOINT TO EXISTING PAVEMENT



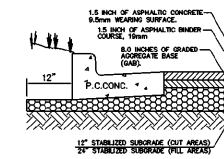
NOTES:
1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
3. INSTALL BACKER TOD AT CONSISTENT AND UNIFORM DEPTH.
4. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

PCC JOINT DETAIL BLOW-UP (TYP.)

CONCRETE JOINT DETAILS
N.T.S.

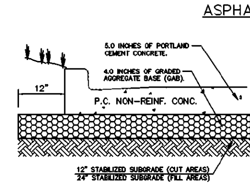


STANDARD DUTY ASPHALT PAVING

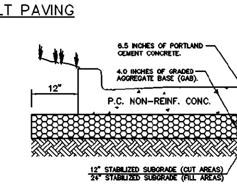


HEAVY DUTY ASPHALT PAVING

ASPHALT PAVING



STANDARD DUTY CONCRETE PAVING



HEAVY DUTY CONCRETE PAVING

PC CONCRETE PAVING

PAVING DETAILS
N.T.S.

GENERAL NOTES

1. FOR PREPARATION OF PAVEMENT SUBGRADE, FILL PLACED WITHIN 24 INCHES OF FINISHED SUBGRADE ELEVATION IN FILL AREAS AND AT LEAST THE UPPER 12 INCHES OF SUBGRADE IN ALL AREAS TO BE PAVED SHOULD BE COMPACTED TO AT LEAST 98 % OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-698). FILL PLACED BELOW THIS LEVEL SHOULD BE COMPACTED TO AT LEAST 98 % OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DENSITY.
2. AFTER PROOFROLLING WITH A LOADED TANDEM AXLE DUMP TRUCK AND REPAIRING DEEP SUBGRADE DEFICIENCIES, THE ENTIRE SUBGRADE SHOULD BE SCARIFIED TO A DEPTH OF 12 INCHES AND UNIFORMLY COMPACTED TO AT LEAST 98% OF STANDARD PROCTOR.
3. GRADED AGGREGATE BASE SHOULD CONFORM TO THE REQUIREMENTS OF SECTION 815 (PAGE 969) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. COMPACTION OF GRADED AGGREGATE BASE SHOULD CONFORM TO REQUIREMENTS OF SECTION 310 (PAGE 226).
4. ASPHALTIC SURFACE COURSE MIXTURES SHOULD BE IN ACCORDANCE WITH 9.5mm REFERENCED IN SECTION 400 (PAGE 217) AND SECTION 828 (PAGE 989) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. THE MIXTURE SHOULD HAVE A MINIMUM MARSHALL STABILITY OF 1,800 POUNDS, AND THE SURFACE COURSE SHOULD BE COMPACTED TO A MINIMUM OF 97% MARSHALL DENSITY (ASTM SPECIFICATION D 1559).
5. ASPHALTIC BINDER COURSE MIXTURES SHOULD BE IN ACCORDANCE WITH 19mm MODIFIED REFERENCED IN SECTION 400 (PAGE 217) AND SECTION 828 (PAGE 989) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. THE MIXTURE SHOULD HAVE A MINIMUM MARSHALL STABILITY OF 1,800 POUNDS, AND THE BINDER COURSE SHOULD BE COMPACTED TO A MINIMUM OF 97% MARSHALL DENSITY (ASTM SPECIFICATION D 1559).
6. THE PORTLAND CEMENT CONCRETE PAVEMENT MIXTURE SHOULD BE IN ACCORDANCE WITH AIR-ENTRAINED CONCRETE FOR PAVEMENT SECTION 430 (PAGE 294) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. THE MIXTURE SHOULD BE DESIGNED TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH SLUMP AND AIR ENTRAINMENT PER PROJECT SPECIFICATIONS.
7. CONTRACTOR SHALL PROVIDE A PRIME COAT AND TACK COAT TO CURB WHERE CURB CONTACTS ASPHALT.
8. PRIME COAT MUST BE APPLIED TO THE BASE MATERIAL. REFER TO SPECIFICATION SECTION 2470 FOR REQUIREMENTS.

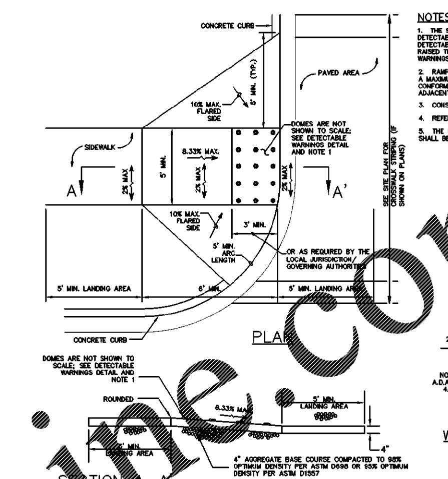
CONCRETE PAVEMENT GENERAL NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS SHOULD BE IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA. CONSTRUCTION OF ROADS AND BRIDGES, 2001 EDITION.
2. THE APPLICABLE GEORGIA DOT SPECIFICATIONS FOR THE MATERIALS AND METHODS USED ARE AS FOLLOWS: GRADED AGGREGATE BASE – SEC. 815/PG. 969 PORTLAND CEMENT CONCRETE – SEC. 430/PG. 294
3. PORTLAND CEMENT CONCRETE SHOULD HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 psi WITH A MODULES OF RUPTURE OF 600 psi OR MORE.
4. SAW CUT CONTRACTION JOINTS SHOULD BE SPACED AT 12' O.C. MAXIMUM EACH WAY. JOINTS SHOULD EXTEND TO A DEPTH OF 1.5" INTO THE SLAB. ISOLATION JOINTS SHOULD BE USED WHERE PAVEMENT ABUTS DRAINAGE STRUCTURES AND BUILDINGS.
5. CONSTRUCTION JOINTS SHALL BE UNDERLAIN BY A NON-WOVEN GEOTEXTILE (APPROX. 2' WIDE) TO PREVENT UPWARD PUMPING OF SOIL FINES THROUGH THE JOINTS.

NOTE: ASPHALTIC PAVEMENT EQUIVALENTS

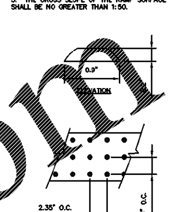
9.5mm SUPERPAVE MAY ALSO BE A TYPE "E", "F", OR SIMILAR APPROVED GDOT MIX.

19mm SUPERPAVEMAY ALSO BE A TYPE "B" OR SIMILAR APPROVED GDOT MIX.



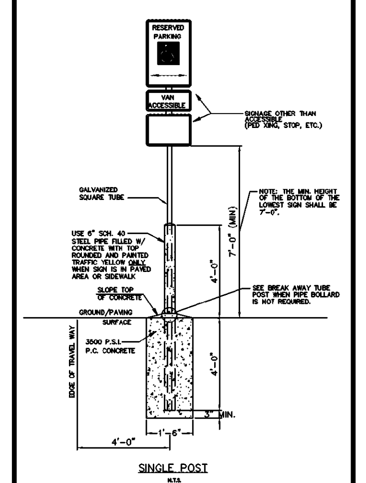
NOTES:
1. THE SURFACE OF RAMP SHALL HAVE DETECTABLE WARNINGS AS SHOWN. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES. SEE DETECTABLE WARNINGS DETAIL.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
3. CONSTRUCT PER A.D.A. STANDARDS.
4. REFER TO PLANS FOR ADJACENT SLOPES.
5. THE CROSS SLOPE OF THE RAMP SURFACE SHALL BE NO GREATER THAN 1:50.

ADA RAMP IN SIDEWALK
N.T.S.

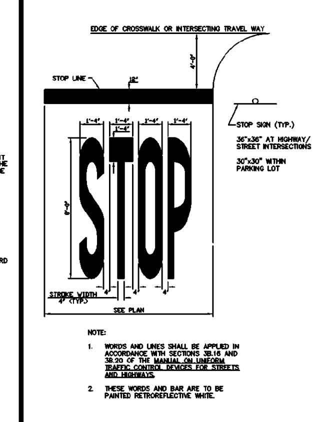


NOTE: PREFABRICATED PANELS PER A.D.A. ACCESSIBILITY GUIDELINES SECTION 4.29.2 & A4.29.2 SHALL BE USED.

DETECTABLE WARNINGS DETAIL

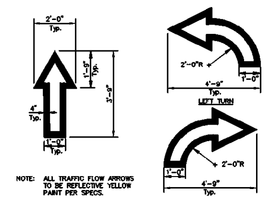


SIGN MOUNTING AND BASE DETAIL
N.T.S.



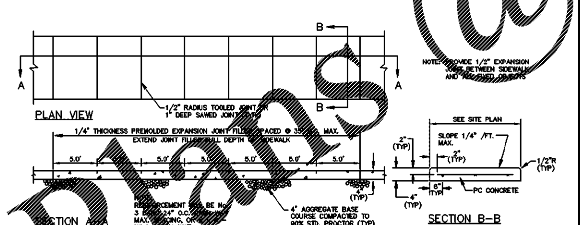
NOTE:
1. WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 3B.16 AND 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND BAR ARE TO BE PAINTED RETROREFLECTIVE WHITE.

STOP SIGNAGE AND MARKING
N.T.S.

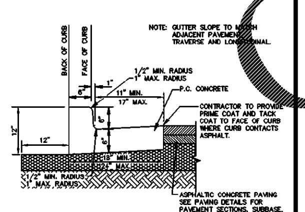


NOTE: ALL TRAFFIC FLOW ARROWS TO BE REFLECTIVE YELLOW PAINT PER SPECS.

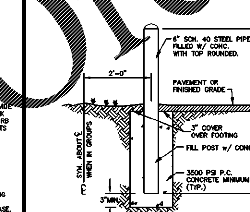
TRAFFIC FLOW ARROW
N.T.S.



CONCRETE SIDEWALK
N.T.S.

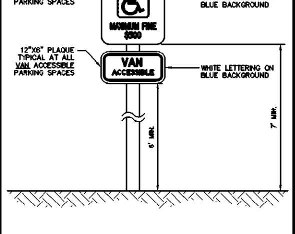


TYPE "A" CONCRETE CURB AND GUTTER
N.T.S.



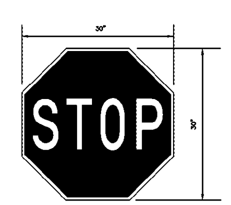
NOTE:
ALL PIPES SHALL BE PAINTED TRAFFIC YELLOW

PIPE BOLLARD
N.T.S.



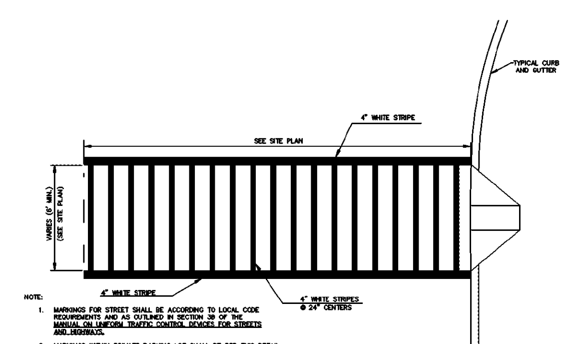
*NOTE: TEXT AND ACCESSIBLE SYMBOL TO BE CENTERED ON SIGN AND OCCUPY NO LESS THAN 75% OF THE SURFACE AREA OF THE SIGN

ACCESSIBLE PARKING SIGN
N.T.S.



R1-1

"STOP" SIGN
N.T.S.



NOTE:
1. MARKINGS FOR STREET SHALL BE ACCORDING TO LOCAL CODE REQUIREMENTS AND AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. MARKINGS WITHIN PRIVATE PARKING LOT SHALL BE PER THIS DETAIL.
3. THESE MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE.

CROSSWALK/PED. CROSSING
N.T.S.

SITE PLAN DETAILS

Wolverton & Associates
Consulting Engineers + Land Surveyors
6745 Sugarloaf Parkway · Suite 100 · Duluth, Georgia 30097
Phone· (770) 447-8999 · Fax· (770) 447-9070
www.wolverton-assoc.com

GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #2963

Project Title
MARKET PLACE AT LOCUST GROVE SHOPS
LOCUST GROVE, HENRY COUNTY, GA
BY: STLC, LLC C/O VERDURA RESOURCES
ATLANTA, GA 30341

REVISIONS	BY

DRAWN BY DMH
CHECKED BY CLM
DATE: 01/30/13
SCALE: NO SCALE
JOB No. 11-174
SHEET NUMBER
D-1A
OF SHEETS

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