

GENERAL NOTES

1. AGGREGATE FOR GRAVEL BASE

AGGREGATE FOR GRAVEL BASE SHALL BE SCREENED OR CRUSHED GRAVEL OR BALLS OF CLAY AND OTHER DELETERIOUS SUBSTANCES. THE GRADATION OF THE PART THAT PASSES A 3 INCH SIEVE SHALL MEET THE GRADING REQUIREMENTS OF THE FOLLOWING TABLE:

SIEVE DESIGNATION	PERCENTAGE BY WEIGHT PASSING SQUARE MESH SIEVES	TYPE A AGGREGATE	TYPE D AGGREGATE
1/2 INCH	45-70	---	---
1/4 INCH	30-55	---	25-70
No. 40	0-20	---	0-30
No. 200	0-5	---	0-5

TYPE "A" AGGREGATE SHALL NOT CONTAIN PARTICLES WHICH WILL NOT PASS THE 2 INCH SQUARE MESH SIEVE.

TYPE "D" AGGREGATE SHALL NOT CONTAIN PARTICLES WHICH WILL NOT PASS THE 6 INCH SQUARE MESH SIEVE.

EACH LAYER AS APPLIED SHALL BE ROLLED WITH A 20 TON ROLLER. THE MATERIAL AS SPREAD SHALL BE WELL MIXED WITH NO POCKETS OF EITHER FINE OR COARSE MATERIAL. OVER SIZED STONES SHALL BE REMOVED FROM THE AGGREGATE.

EACH LAYER OF AGGREGATE SHALL BE PLACED OVER THE FULL WIDTH OF THE SECTION. AGGREGATE BASE AND SUB-BASE COURSES MAY BE PLACED UPON FROZEN SURFACES WHEN SUCH SURFACES HAVE BEEN PROPERLY CONSTRUCTED.

THE SURFACE OF EACH LAYER SHALL BE MAINTAINED DURING COMPACTION OPERATIONS IN SUCH A MANNER THAT A UNIFORM TEXTURE IS PRODUCED AND THE AGGREGATE IS FIRMLY KEVED. THE MOISTURE CONTENT OF THE MATERIAL SHALL BE MAINTAINED AT THE PROPER PERCENT TO ATTAIN THE REQUIRED COMPACTION AND STABILITY. COMPACTION OF EACH LAYER SHALL BE CONTINUED UNTIL DENSITY OF NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 "MODIFIED PROCTOR DENSITY" HAS BEEN ACHIEVED FOR THE FULL WIDTH AND DEPTH OF EACH LAYER AS APPLIED.

THE SURFACE TOLERANCE OF EACH BASE COURSE AS APPLIED SHALL BE 3/8 INCHES ABOVE OR BELOW THE REQUIRED TEMPLATE LINES.

2. AGGREGATE FOR SUB-BASE

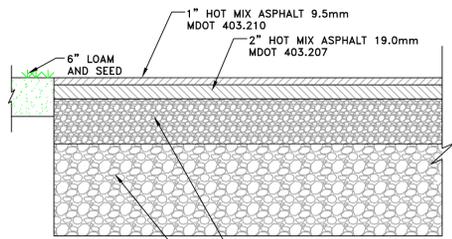
AGGREGATE FOR SUB-BASE SHALL BE TYPE "D" (MDOT). IT SHALL BE FREE FROM VEGETABLE MATTER, LUMPS OR BALLS OF CLAY AND OTHER DELETERIOUS SUBSTANCES.

3. COMMON BORROW

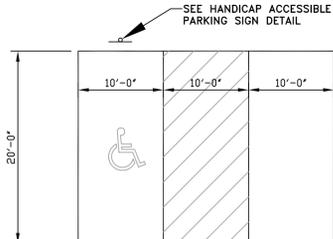
COMMON BORROW SHALL CONSIST OF EARTH, SUITABLE FOR EMBANKMENT CONSTRUCTION. IT SHALL BE FREE FROM FROZEN MATERIAL, PERISHABLE RUBBISH, PEAT AND OTHER UNSUITABLE MATERIAL.

THE MOISTURE CONTENT SHALL BE SUFFICIENT TO PROVIDE THE REQUIRED COMPACTION AND STABLE EMBANKMENT. IN NO CASE SHALL THE MOISTURE CONTENT EXCEED 4 PERCENT ABOVE OPTIMUM.

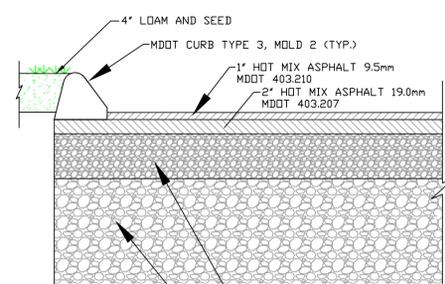
ALL COMMON BORROW AND GRAVEL AREAS TO BE COMPACTED TO 95% OF ITS MAX. DRY DENSITY AS DETERMINED BY ASTM D-1557 "MODIFIED PROCTOR DENSITY". PLACE IN 9" TO 12" LIFTS.



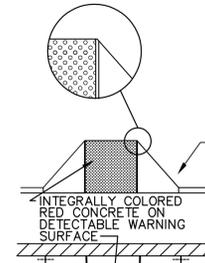
PAVED PARKING AND DRIVE DETAIL
NOT TO SCALE



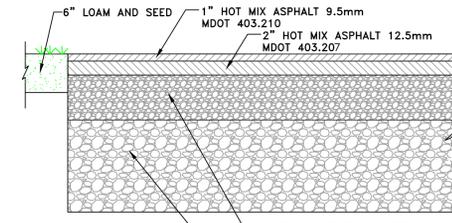
HANDICAP PARKING DETAIL
NOT TO SCALE



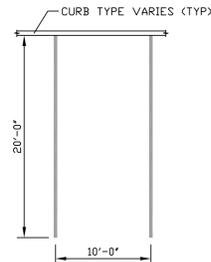
BITUMINOUS CAPE COD CURB DETAIL
NOT TO SCALE



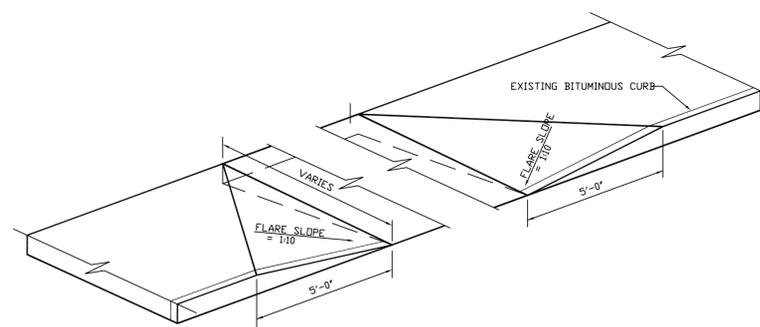
PLAN OF DETECTABLE WARNING SURFACE
NOT TO SCALE



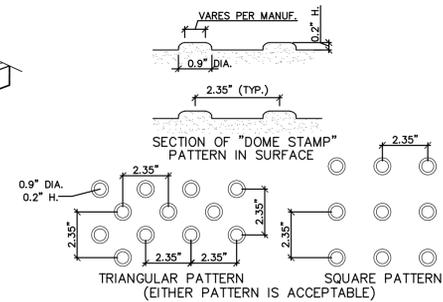
PAVED SIDEWALK DETAIL
NOT TO SCALE



TYPICAL PARKING STALL



TIP-DOWN CURB DETAIL
NOT TO SCALE



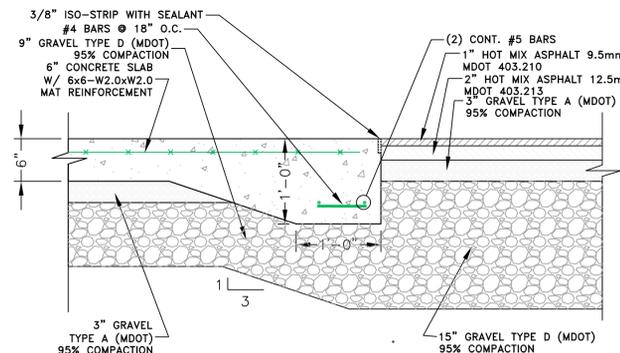
PLAN OF "DOME STAMP" PATTERN IN SURFACE
NOT TO SCALE

CURB RAMPS MUST HAVE A DETECTABLE WARNING FEATURE EXTENDING THE FULL WIDTH AND DEPTH OF THE RAMP (MID-WALK "IN-LINE" RAMPS ONLY NEED DETECTABLE WARNINGS AT WALK/PARKING TRANSITION). THE DETECTABLE SURFACE MUST CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 INCHES. THE TEXTURE OF THE DETECTABLE WARNING FEATURE MUST CONTRAST WITH THE SURROUNDING SURFACES (EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT) SEE ABOVE

CONCRETE SPECIFICATION:
4000 P.S.I.
3/4" STONE
6% AIR ENTRAINMENT
SLUMP = 3" ± 1"

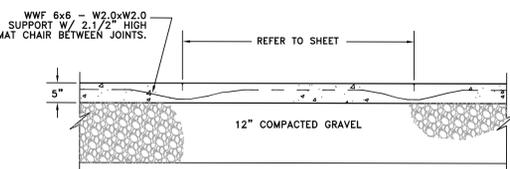
JOINT SPECIFICATION:
• 1/2" TOOLED JOINTS A.S.A.P. @ 10'-0" O.C. MAXIMUM
• 1/8" WIDE x 1" DEEP SAW CUT
• AFTER 28 DAYS, CLEAN ALL JOINTS, USE 733 PRIMER, FILL WITH FOAM BACKER ROD & SONOLASTIC SL-2 SEALANT (INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

FINISH SPECIFICATION:
• FINE BROOM FINISH
• CURE W/ CURE-TO-SPEC
• AFTER JOINTS HAVE BEEN FILLED AND SEALED APPLY CONSOLIDECK SALTGUARD (APPLY ACCORDING TO MANUFACTURERS SPECIFICATIONS.)



TOOLED EDGE DETAIL
NOT TO SCALE

TYPICAL CONCRETE APRON DETAIL
NOT TO SCALE



CONCRETE SPECIFICATION:
4000 P.S.I.
3/4" STONE
6% to 8% AIR ENTRAINMENT
SLUMP = 3" TO 5"

JOINT SPECIFICATION:
• TOOLED JOINTS & EDGES A.S.A.P.
• FULL DEPTH CONSTRUCTION JOINTS @ 40' O.C.
• AFTER 28 DAYS, CLEAN ALL CONSTRUCTION JOINTS, USE 733 PRIMER, FILL WITH FOAM BACKER ROD & SONOLASTIC SL-2 SEALANT (INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

FINISH SPECIFICATION:
• FINE BROOM FINISH
• AFTER JOINTS HAVE BEEN FILLED AND SEALED APPLY CONSOLIDECK SALTGUARD (APPLY ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

NOTES:
1. THE CONTRACTOR SHALL INSTALL FORMWORK FOR NEW CONCRETE SIDEWALKS UPON PREPARED GRAVEL SURFACE
2. THE CONTRACTOR SHALL PROVIDE AND INSTALL WIRE MESH, MAT CHAIRS, CONCRETE, JOINT SEALANT, SALTGUARD, AND LABOR NECESSARY TO PRODUCE COMPLETED CONCRETE SIDEWALKS PER PLANS.
3. THE CONTRACTOR SHALL INSTALL THE DETECTABLE WARNING PLATES AT LOCATIONS AS DIRECTED.

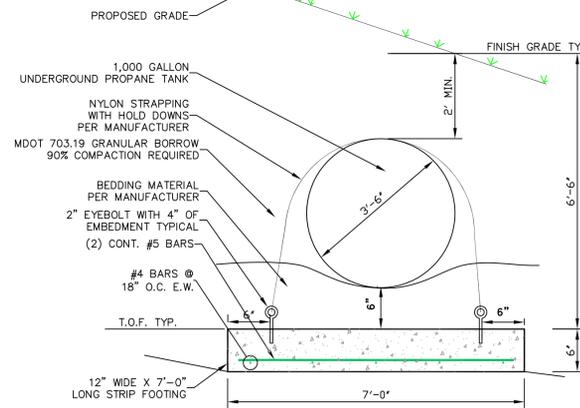
TYPICAL CONCRETE JOINT SECTION
NOT TO SCALE

SPECIFICATIONS

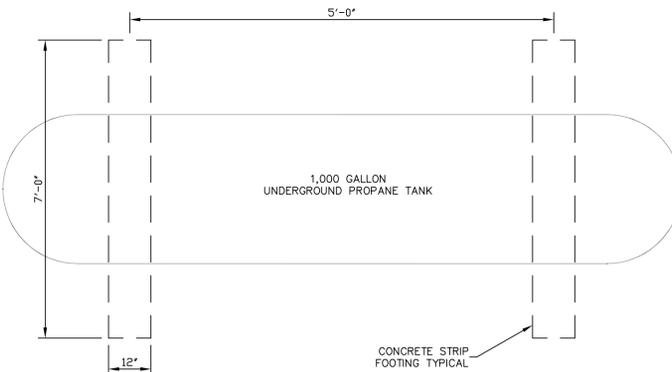
PAVEMENT MARKING PAINT FOR FINAL AND TEMPORARY PAVEMENT MARKINGS SHALL MEET THE REQUIREMENTS OF AASHTO M248. EITHER TYPE N (REGULAR TRAFFIC PAINT) OR TYPE F (FAST DRY TRAFFIC PAINT) MAY BE USED. ALL PAVEMENT LINES AND MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. IMMEDIATELY BEFORE APPLYING THE PAVEMENT PAINT TO THE PAVEMENT OR CURB, THE SURFACE SHALL BE DRY AND ENTIRELY FREE FROM DIRT, GREASE, OIL OR OTHER FOREIGN MATTER.

ALL PAVEMENT MARKING LINES SHALL BE 4" SOLID WHITE.

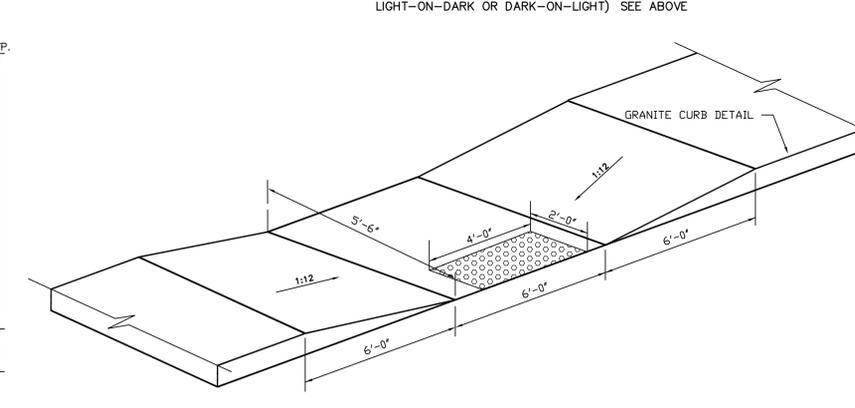
PAVEMENT MARKING DETAIL & SPECIFICATION
NOT TO SCALE



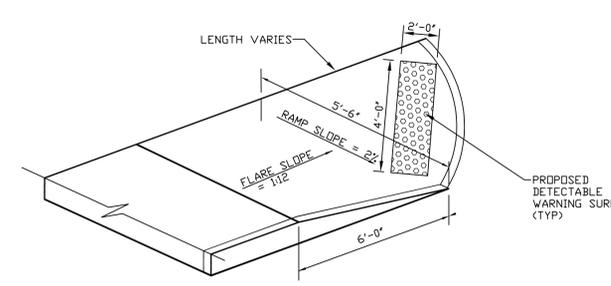
PROPANE TANK SECTION VIEW
NOT TO SCALE



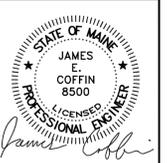
PROPANE TANK PLAN VIEW
NOT TO SCALE



HANDICAP CURB RAMP DETAIL
NOT TO SCALE



HANDICAP CURB RAMP DETAIL II (FLARED)
NOT TO SCALE



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NO.	REVISIONS	DATE

SHEET TITLE: **SITE DETAILS III**
SCALE: AS SHOWN
DRAWN BY: TCH
CHECKED BY: JEC
DATE: JULY 20, 2016

CLIENT/PROJECT: **GARY VIOLETTE PROPERTIES**
LOCATION: **ROUTE 202**
TOWN: **MANCHESTER** COUNTY: **KENNEBEC** STATE: **MAINE**
PROJ. NO. **2015-062**

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