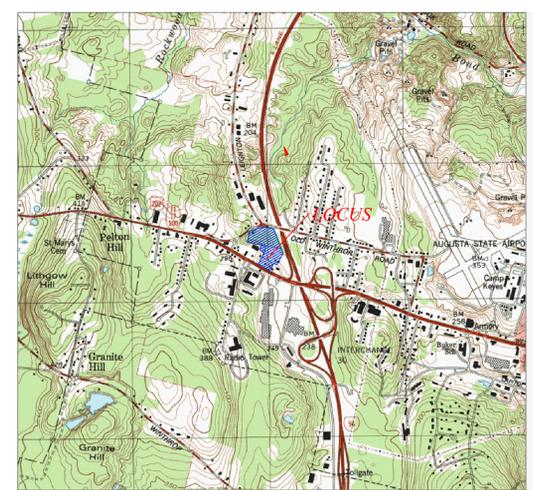
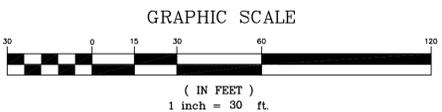
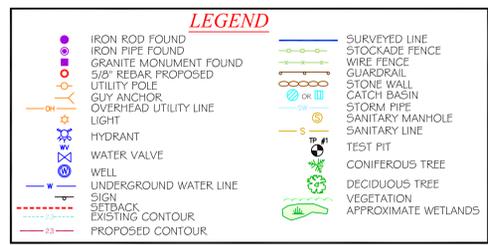


- GENERAL SITE INFORMATION:**
- OWNER: AUGUSTRES, LLC.  
P.O. BOX 9340  
AUBURN, ME 04210
  - AUGUSTA TAX MAP 83--LOTS 13, 17B, 20, 21 & 21A
  - KENNEBEC COUNTY REGISTRY OF DEEDS:  
BOOK 11728 - PAGE 314
  - ZONE: REGIONAL BUSINESS DISTRICT (CC)
  - IMPERVIOUS AREA:  
EXISTING IMPERVIOUS=24,770 SF  
NEW IMPERVIOUS=92,595 SF  
NET NEW IMPERVIOUS=67,825 SF
  - DISTURBED AREA: 162,675 SF
  - PARKING:  
REQ'D: 1 PER ROOM+EMPLOYEES/2+MEETING ROOM CAPACITY  
120 + 3 + 14 = 137 SPACES  
ACTUAL: 137 SPACES
  - WETLAND IMPACTS: 0 SF



**LOCUS MAP**  
AUGUSTA  
USGS QUAD SHEET  
SCALE 1"=2000'

**JAMES E. COFFIN**  
LICENSED PROFESSIONAL ENGINEER  
James Coffin

**E.S. COFFIN**  
ENGINEERING & SURVEYING, INC.  
432 Corn Road, P.O. Box 4687, Augusta, Maine 04303-4687  
Ph: (207) 625-9473 Fax: (207) 625-5000 Toll Free: 1-800-544-0475

NO.	REVISIONS	DATE

**PROPOSED SITE PLAN**

SCALE: 1 INCH=30 FEET

DATE: OCTOBER 10, 2014

DRAWN BY: TCH  
CHECKED BY: JEC

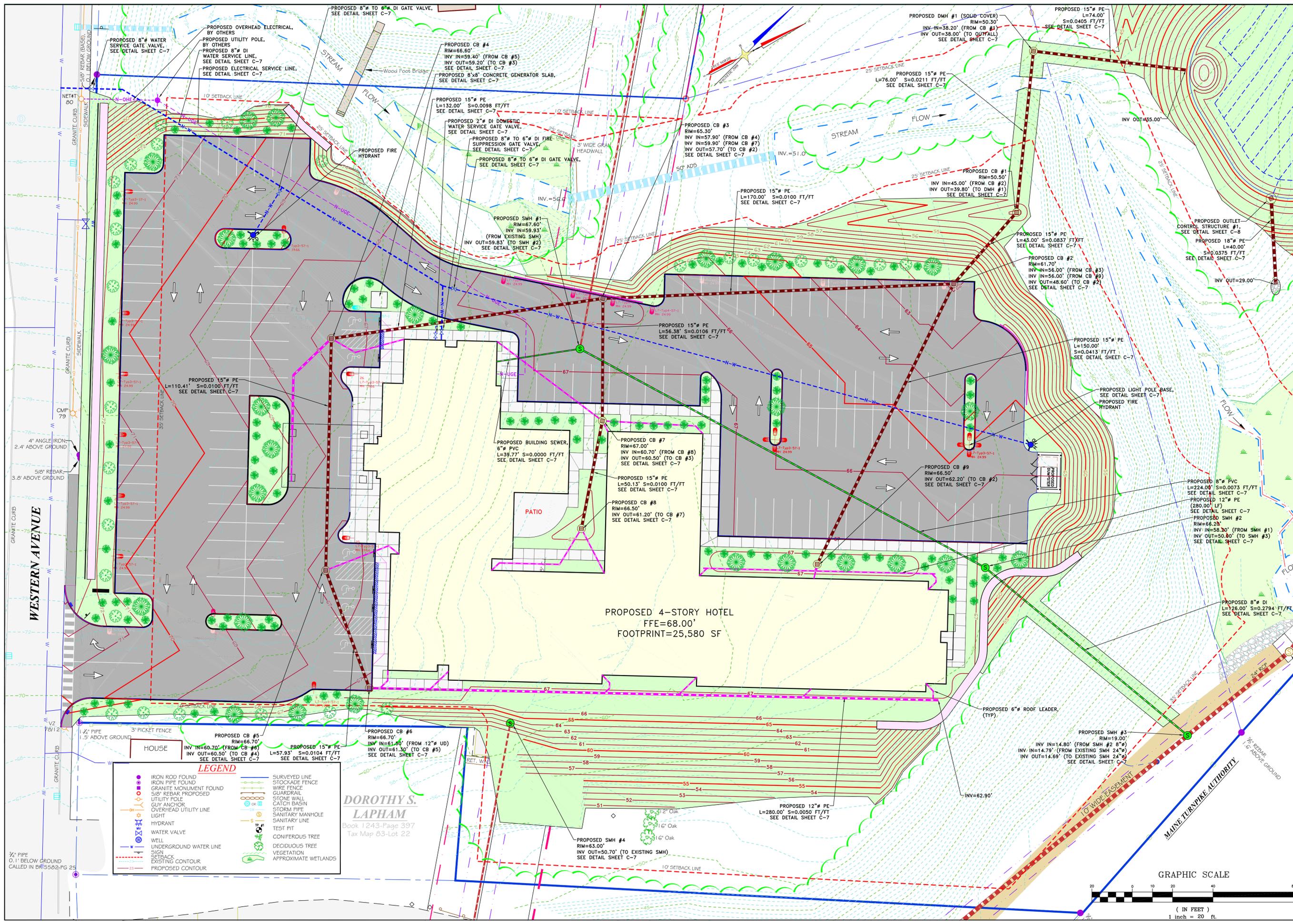
CLIENT/PROJECT: **AUGUSTRES LLC**

LOCATION: 377 WESTERN AVENUE

TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE

PROJ. NO. 2014-097

C-1



STATE OF MAINE  
 JAMES F. COFFIN  
 8500  
 LICENSED PROFESSIONAL ENGINEER  
 James Coffin

**E.S. COFFIN**  
 ENGINEERING  
 432 Coon Road, P.O. Box 487, Augusta, Maine 04303-0487  
 Ph: (207) 625-9473 Fax: (207) 625-5002 Toll Free: 1-800-544-9473

NO.	REVISIONS	DATE

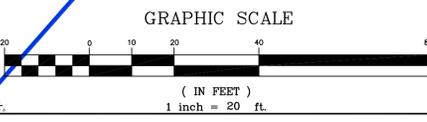
**PROPOSED UTILITY PLAN**  
 SCALE: 1 INCH=20 FEET  
 DRAWN BY: TCH  
 CHECKED BY: JEC  
 DATE: OCTOBER 10, 2014

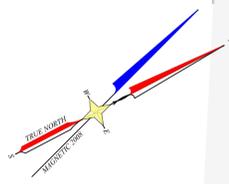
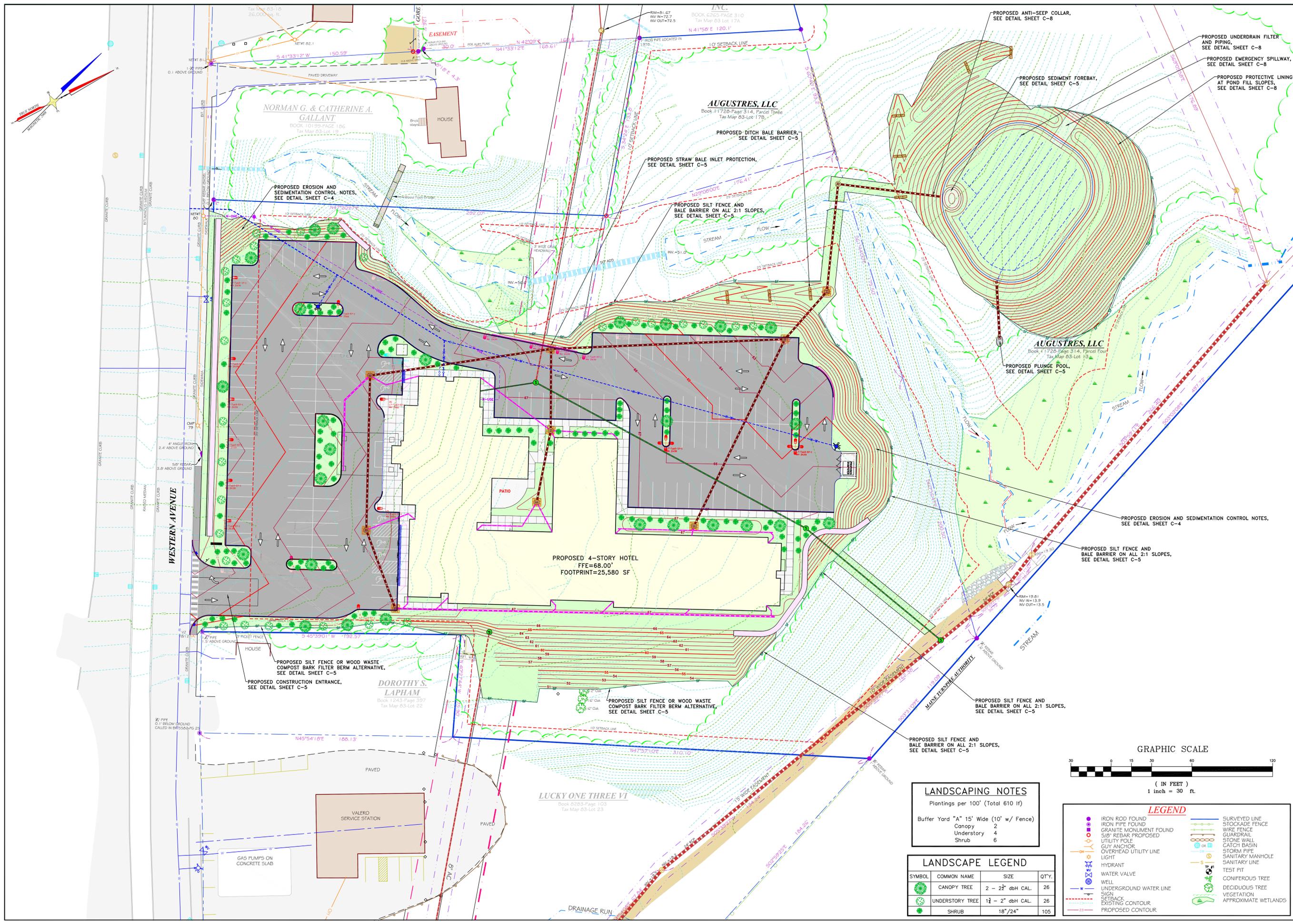
CLIENT PROJECT: **AUGUSTRES, LLC**  
 LOCATION: 377 WESTERN AVENUE  
 TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE  
 PROJ. NO. 2014-097  
**C-2**

**LEGEND**

● IRON ROD FOUND	— SURVEYED LINE
○ IRON PIPE FOUND	— STOCKADE FENCE
□ GRANITE MONUMENT FOUND	— WIRE FENCE
○ 5/8" REBAR PROPOSED	— GUARDRAIL
○ UTILITY POLE	— STONE WALL
○ GUY ANCHOR	— CATCH BASIN
○ OVERHEAD UTILITY LINE	— STORM PIPE
○ LIGHT	— SANITARY MANHOLE
○ HYDRANT	— SANITARY LINE
○ WATER VALVE	— TEST PIT
○ WELL	— CONIFEROUS TREE
○ UNDERGROUND WATER LINE	— DECIDUOUS TREE
○ SIGN	— VEGETATION
○ SETBACK	— APPROXIMATE WETLANDS
○ EXISTING CONTOUR	
○ PROPOSED CONTOUR	

**DOROTHY S. LAPHAM**  
 Book 1243-Page 397  
 Tax Map 63-Lot 22





**E.S. COFFIN**  
 ENGINEERING & SURVEYING, INC.  
 432 Com. Road, P.O. Box 4687 Augusta, Maine 04303-4687  
 Ph: (207) 625-9473 Fax: (207) 625-9406 Toll Free: 1-800-544-0475

NO.	REVISIONS	DATE

**PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN**  
 SCALE: 1 INCH=30 FEET  
 DRAWN BY: TCH  
 CHECKED BY: JEC  
 DATE: OCTOBER 10, 2014

**AUGUSTRES, LLC**  
 CLIENT/PROJECT:  
 LOCATION: 377 WESTERN AVENUE  
 TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE  
 PROJ. NO. 2014-097

**C-3**

PROPOSED EROSION AND SEDIMENTATION CONTROL NOTES, SEE DETAIL SHEET C-4

PROPOSED STRAW BALE INLET PROTECTION, SEE DETAIL SHEET C-5

PROPOSED SILT FENCE AND BALE BARRIER ON ALL 2:1 SLOPES, SEE DETAIL SHEET C-5

PROPOSED ANTI-SEEP COLLAR, SEE DETAIL SHEET C-8

PROPOSED UNDERDRAIN FILTER AND PIPING, SEE DETAIL SHEET C-8

PROPOSED EMERGENCY SPILLWAY, SEE DETAIL SHEET C-8

PROPOSED PROTECTIVE LINING AT POND FILL SLOPES, SEE DETAIL SHEET C-8

PROPOSED SEDIMENT FOREBAY, SEE DETAIL SHEET C-5

PROPOSED PLUNGE POOL, SEE DETAIL SHEET C-5

PROPOSED EROSION AND SEDIMENTATION CONTROL NOTES, SEE DETAIL SHEET C-4

PROPOSED SILT FENCE AND BALE BARRIER ON ALL 2:1 SLOPES, SEE DETAIL SHEET C-5

PROPOSED SILT FENCE AND BALE BARRIER ON ALL 2:1 SLOPES, SEE DETAIL SHEET C-5

PROPOSED SILT FENCE AND BALE BARRIER ON ALL 2:1 SLOPES, SEE DETAIL SHEET C-5

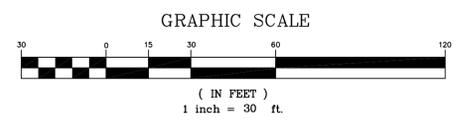
PROPOSED SILT FENCE OR WOOD WASTE COMPOST BARK FILTER BERM ALTERNATIVE, SEE DETAIL SHEET C-5

PROPOSED CONSTRUCTION ENTRANCE, SEE DETAIL SHEET C-5

PROPOSED SILT FENCE OR WOOD WASTE COMPOST BARK FILTER BERM ALTERNATIVE, SEE DETAIL SHEET C-5

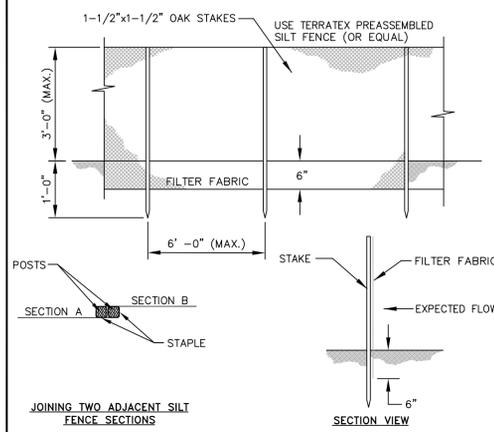
**LANDSCAPING NOTES**  
 Plantings per 100' (Total 610 lf)  
 Buffer Yard "A" 15' Wide (10' w/ Fence)  
 Canopy 2  
 Understory 4  
 Shrub 6

LANDSCAPE LEGEND			
SYMBOL	COMMON NAME	SIZE	QTY.
	CANOPY TREE	2 - 2" dbH CAL.	26
	UNDERSTORY TREE	1 1/2 - 2" dbH CAL.	26
	SHRUB	18"/24"	105



LEGEND	
	IRON ROD FOUND
	IRON PIPE FOUND
	GRANITE MONUMENT FOUND
	5/8" REBAR PROPOSED
	UTILITY POLE
	GUY ANCHOR
	OVERHEAD UTILITY LINE
	HYDRANT
	WATER VALVE
	WELL
	UNDERGROUND WATER LINE
	SIGN
	SETBACK
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SURVEYED LINE
	STOCKADE FENCE
	WIRE FENCE
	GUARDRAIL
	STONE WALL
	CATCH BASIN
	STORM PIPE
	SANITARY MANHOLE
	SANITARY LINE
	TEST PIT
	CONIFEROUS TREE
	DECIDUOUS TREE
	VEGETATION
	APPROXIMATE WETLANDS

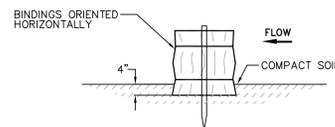




**JOINING TWO ADJACENT SILT FENCE SECTIONS**  
NOT TO SCALE

**NOTES:**  
SILT FENCE AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.  
SHOULD THE FABRIC ON A SILT FENCE OF FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL IS NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.  
SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDDED.  
THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

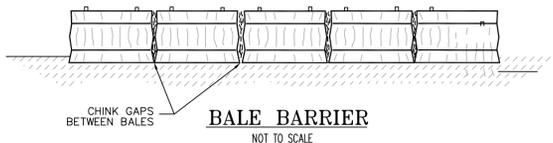
**SILT FENCE DETAIL**  
NOT TO SCALE



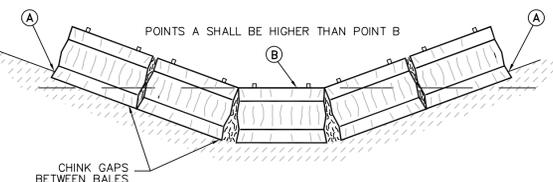
**MAINTENANCE**

- THE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT SHALL BE ACCOMPLISHED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. THEY MUST BE REMOVED WHEN THE BARRIER IS REMOVED.

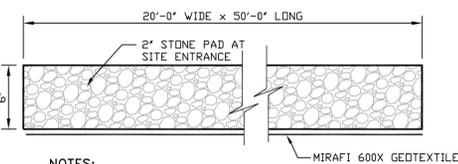
- NOTES:**
- BALES ARE HAY OR STRAW, DIMENSIONS: 14" x 18" x 30", WIRE OR NYLON, PLACED IN DRAINAGE AREAS, UPON THE CONTOUR OF THE GROUND. BALES ARE TO BE PLACED IN A ROW, WITH ENDS TIGHTLY SET AGAINST THE ADJACENT BALE.
  - EACH BALE IS TO BE EMBEDDED IN THE SOIL A MINIMUM OF 4" AND ANCHORED IN PLACE BY STAKES DRIVEN THRU THE BALES INTO THE GROUND AT LEAST 18". THE STAKES ARE TO BE DRIVEN IN SUCH A MANNER AS TO FORCE THE ENDS OF THE BALES TOGETHER. STAKES MAY BE REBAR STEEL PICKETS, 2" x 2" SOFTWOOD, OR 1" x 1" HARDWOOD.



**BALE BARRIER**  
NOT TO SCALE

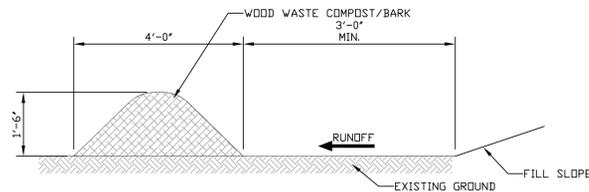


**DITCH BALE BARRIER**  
NOT TO SCALE



**NOTES:**  
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT INTO ROAD.

**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



**WOOD WASTE COMPOST/BARK FILTER BERMS**

THE FILTER BERM SHALL CONSIST OF A WOOD WASTE COMPOST/BARK MULCH MIX OR RECYCLED COMPOSTED BARK FLUME GRIT AND FRAGMENTED WOOD GENERATED FROM WATER-FLUME LOG HANDLING SYSTEMS. COMPOSTED MIXES CAN BE USED UPON APPROVAL OF THE OFFICE OF ENVIRONMENTAL SERVICES LANDSCAPE UNIT.

THE MIX SHALL CONFORM TO THE FOLLOWING STANDARDS:

- A. MOISTURE CONTENT - 30-60%
- B. pH - 5.0-8.0
- C. SCREEN SIZE - 100% LESS THAN 3", MAXIMUM 70% LESS THAN 1".
- D. NO LESS THAN 40% ORGANIC MATERIAL (DRY WEIGHT) BY LOSS OF IGNITION
- E. NO STONES LARGER THAN 2" IN DIAMETER

THE COMPOSTED BERM SHALL BE PLACED, UNCOMPACTED, ALONG A RELATIVELY LEVEL CONTOUR.

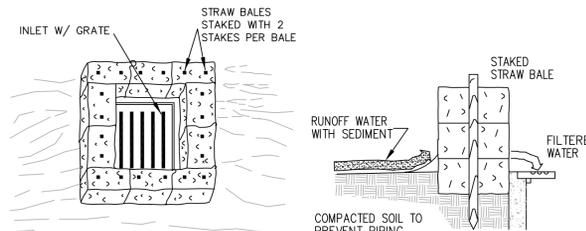
**NOTE:**

WOOD WASTE COMPOST/BARK FILTER BERMS MAY BE USED IN COMBINATION WITH SILT FENCE TO IMPROVE SEDIMENT REMOVAL AND PREVENT CLOGGING OF THE WOOD WASTE COMPOST/BARK BERM BY LARGER SEDIMENT PARTICLES. (SILT FENCE PLACED TO FILTER RUNOFF BEFORE WOOD WASTE COMPOST/BARK)

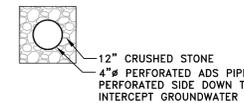
**WOOD WASTE COMPOST/BARK FILTER BERM ALTERNATIVE**  
NOT TO SCALE

**STRAW BALE INLET NOTE**  
CONSTRUCTION SPECIFICATIONS

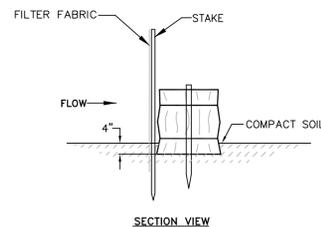
- STRAW BALE INLET STRUCTURE
  - A. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH BINDINGS ORIENTED AROUND THE SIDE RATHER THAN OVER AND UNDER THE BALES.
  - B. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
  - C. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET THE WIDTH OF A BALE TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
  - D. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBAR DRIVEN THROUGH THE BALE.
  - E. LOOSE STRAW SHALL BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.



**STRAW BALE INLET**  
NOT TO SCALE

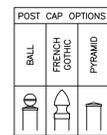


**UNDERDRAIN DETAIL**  
NOT TO SCALE



**SILT FENCE/BALE BARRIER DETAIL**  
NOT TO SCALE

**NOTES:**  
ANY SEDIMENT BARRIERS LOCATED AT LOW POINTS OR SUBJECT TO PONDING ALONG THE FENCE SHALL BE REINFORCED AS SHOWN ABOVE WITH A COMBINATION OF HAYBALES & SILT FENCE. THE CONTRACTOR SHALL REMOVE SEDIMENT TRAPPED AT THESE LOW POINTS AFTER EVERY STORM EVENT.



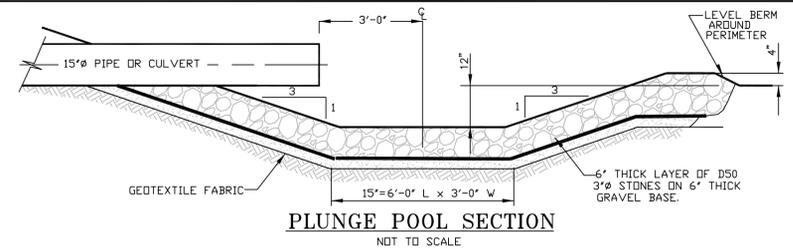
3 1/4" SQUARE RAIL - ROTATED TO A DIAMOND CONFIGURATION

**NOTES:** METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.  
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCD ONLY.  
3. FOOTING WIDTH TO BE (2X) POST WIDTH. MINIMUM DEPTH 24" (610MM).

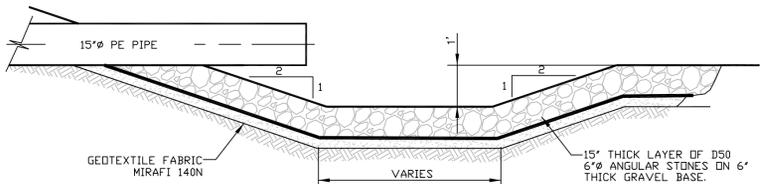
RAIL DIST (A)	NOM HEIGHT (H)
7 11/16'	36"

FENCE SECTION ELEVATION  
NOM 8" SECTION LENGTH, TWO RAILS

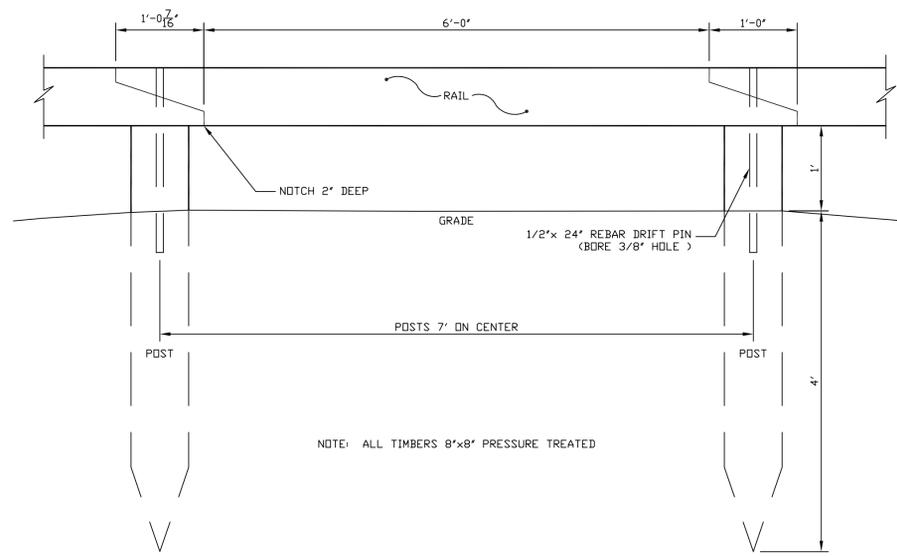
**SPLIT RAIL STYLE FENCE**  
NOT TO SCALE



**PLUNGE POOL SECTION**  
NOT TO SCALE



**SEDIMENT FOREBAY SECTION**  
NOT TO SCALE



**NOTE:** ALL TIMBERS 8"x8" PRESSURE TREATED

**GUARD RAIL DETAIL**  
NOT TO SCALE



**E.S. COFFIN**  
INCORPORATING  
ENGINEERING & SURVEYING, INC.  
© 2014  
432 Corp Road, P.O. Box 4087, Augusta, Maine 04330  
Ph: (207) 625-9473 Fax: (207) 625-9012 Toll Free: 1-800-244-9473

NO.	REVISIONS	DATE

**SITE DETAILS II**  
SCALE: AS SHOWN  
DATE: OCTOBER 10, 2014  
DRAWN BY: TGH  
CHECKED BY: JEC  
CLIENT/PROJECT: AUGUSTRES, LLC  
LOCATION: 377 WESTERN AVENUE  
TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE  
SHEET TITLE: AUGUSTRES, LLC  
PROJECT: 2014-097

**GENERAL NOTES**

**1. AGGREGATE FOR GRAVEL BASE**

AGGREGATE FOR GRAVEL BASE SHALL BE SCREENED OR CRUSHED GRAVEL OF HARD DURABLE PARTICLES FREE FROM VEGETABLE MATTER, LUMPS 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 D AGGREGATE	TYPE A 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 KEYS. 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**

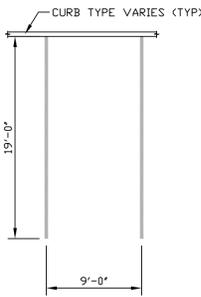
AGGREGATE FOR SUB-BASE SHALL BE TYPE "D" (MDO). IT SHALL BE FREE FROM VEGETABLE MATTER, LUMPS OR BALLS OF CLAY AND OTHER DELETERIOUS SUBSTANCES.

**3. COMMON BORROW**

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



TYPICAL PARKING STALL

**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.

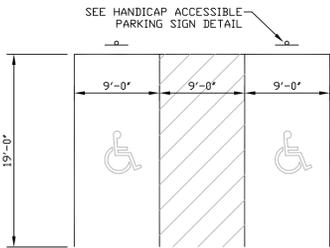
ALL PAVEMENT LINES AND MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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.

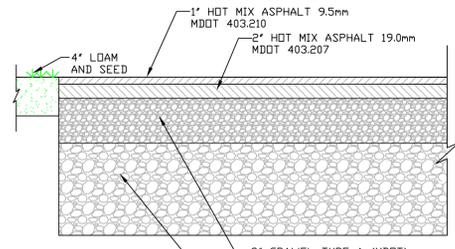
**PAVEMENT MARKING DETAIL & SPECIFICATION**

NOT TO SCALE



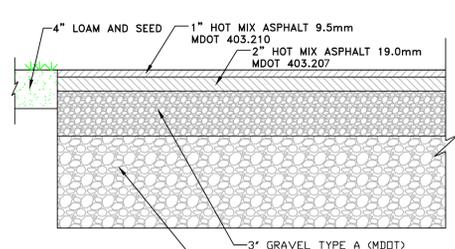
HANDICAP PARKING DETAIL

NOT TO SCALE



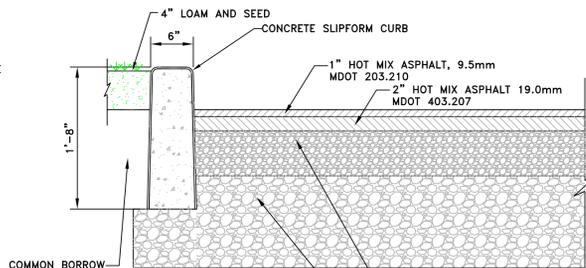
PAVED PARKING AND DRIVE DETAIL

NOT TO SCALE



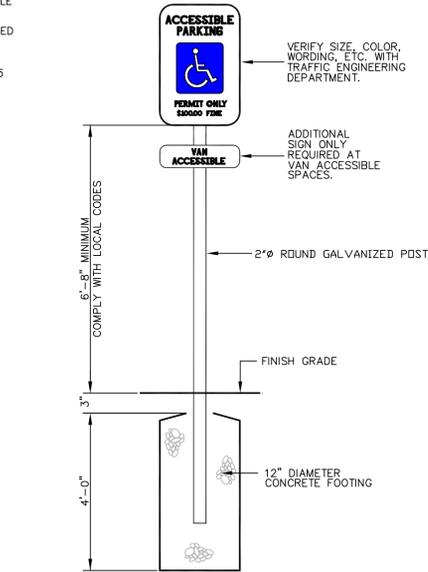
PAVED SIDEWALK DETAIL

NOT TO SCALE



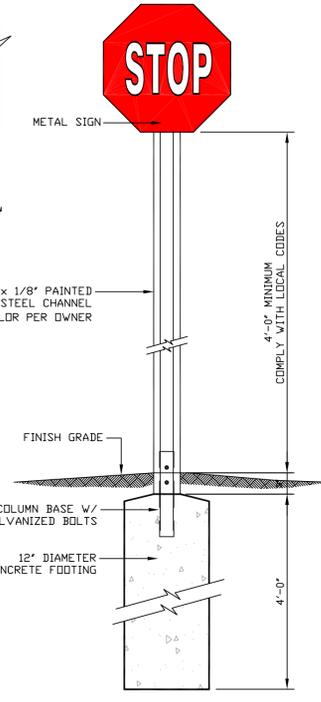
SLOPED CONCRETE SLIPFORM CURB DETAIL

NOT TO SCALE



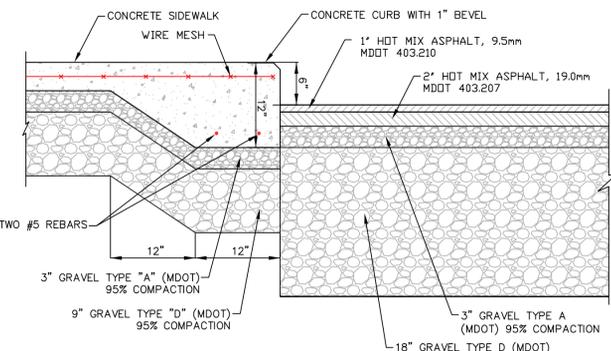
ACCESSIBLE PARKING SIGN DETAIL

NOT TO SCALE



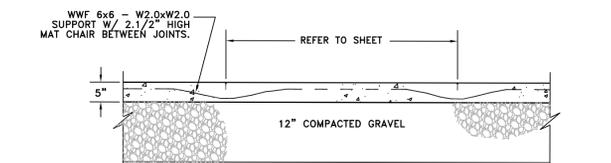
TYPICAL STOP SIGN DETAIL

NOT TO SCALE



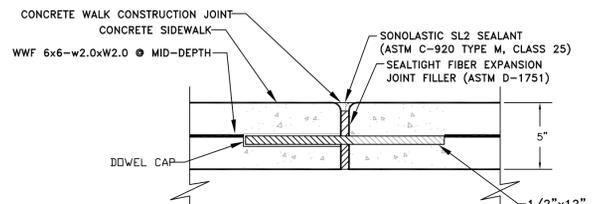
CONCRETE SIDEWALK & CURB DETAIL

NOT TO SCALE



CONCRETE SIDEWALK DETAIL

NOT TO SCALE

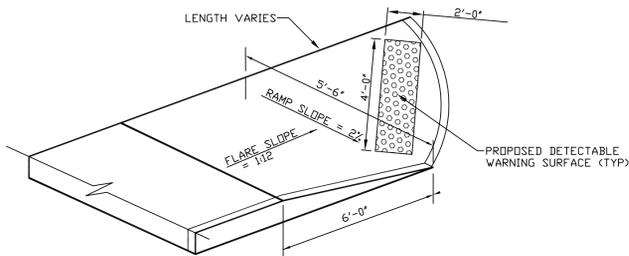


**FINISH SPECIFICATION:**

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

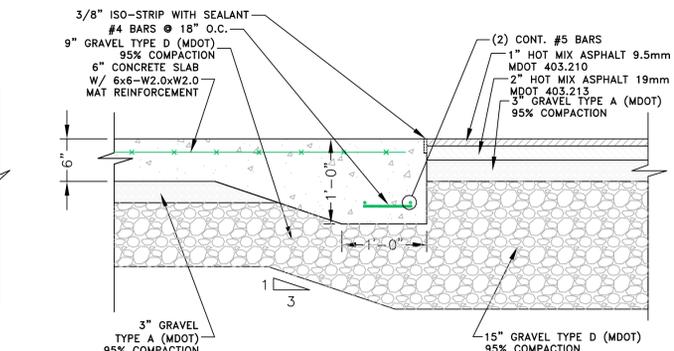
TYPICAL CONCRETE JOINT SECTION

NOT TO SCALE



HANDICAP CURB RAMP DETAIL II (FLARED)

NOT TO SCALE



**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:**

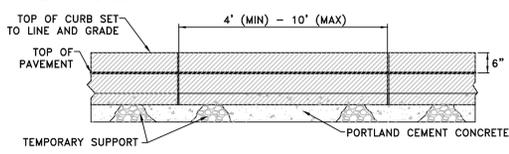
- FINE BROOM FINISH
- CURE W/ CURE-TO-SPEC
- AFTER JOINTS HAVE BEEN FILLED AND SEALED APPLY CONSOLIDECK SALTGUARD (APPLY ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

TYPICAL CONCRETE APRON DETAIL

NOT TO SCALE

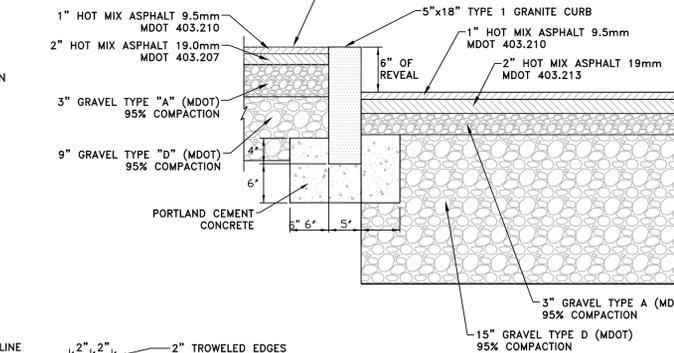
**NOTES:**

1. CURBS SHALL BE SET TO LINE AND GRADE UPON TEMPORARY SUPPORT PADS.
2. AFTER INSPECTION AND APPROVAL BY THE CITY ENGINEER, THE CURBS SHALL BE BACKFILLED WITH PORTLAND CEMENT CONCRETE AND ALLOWED TO CURE.
3. THE PORTLAND CEMENT CONCRETE SHALL CONSIST OF 2500 PSI CONCRETE.
4. ONCE THE CONCRETE HAS CURED, THEN THE CURB MAY BE BACKFILLED TO FINAL GRADE.
5. SPACING BETWEEN CURBS SHALL BE 1/4".
6. A STRIP OF GEOTEXTILE SHALL BE PLACED OVER THE CURB JOINT ON AT THE REAR OF THE CURB.



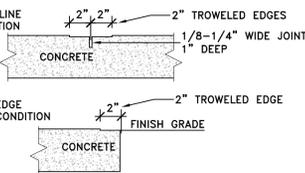
GRANITE CURB PROFILE

NOT TO SCALE



PAVED SIDEWALK & GRANITE CURB DETAIL

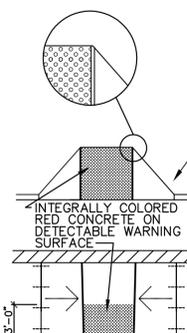
NOT TO SCALE



**TOOLED EDGE DETAIL**

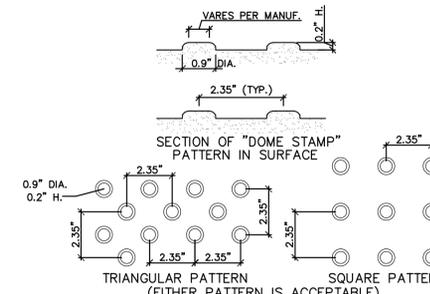
NOT TO SCALE

- NOTES:**
1. ALL CONCRETE TO RECEIVE STIFF BRISTLE-BROOM FINISH UNLESS OTHERWISE NOTED.
  2. SEE LAYOUT PLANS FOR SCORE PATTERNS.



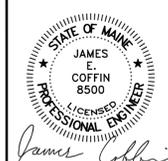
PLAN OF DETECTABLE WARNING SURFACE

NOT TO SCALE



PLAN OF "DOME STAMP" PATTERN IN SURFACE

NOT TO SCALE



**JAMES E. COFFIN**  
PROFESSIONAL ENGINEER  
152 Comp Road, P.O. Box 4087, Augusta, Maine 04330  
Ph: (207) 625-9473 Fax: (207) 625-9006 Toll Free: 1-800-244-0473

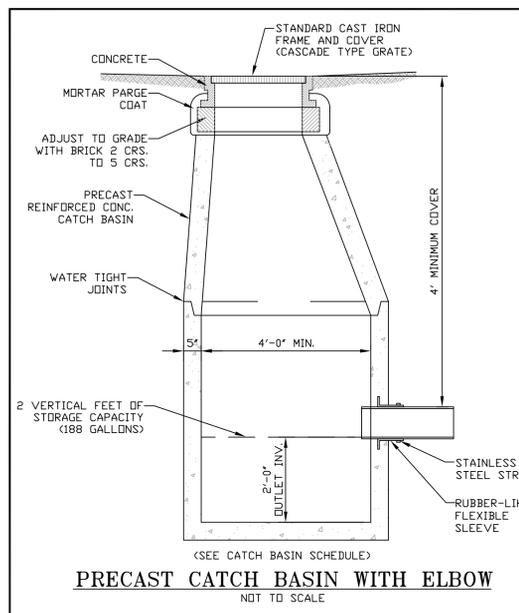
NO.	REVISIONS	DATE

**SITE DETAILS III**  
SCALE: AS SHOWN  
DATE: OCTOBER 10, 2014  
DRAWN BY: TCH  
CHECKED BY: JEC

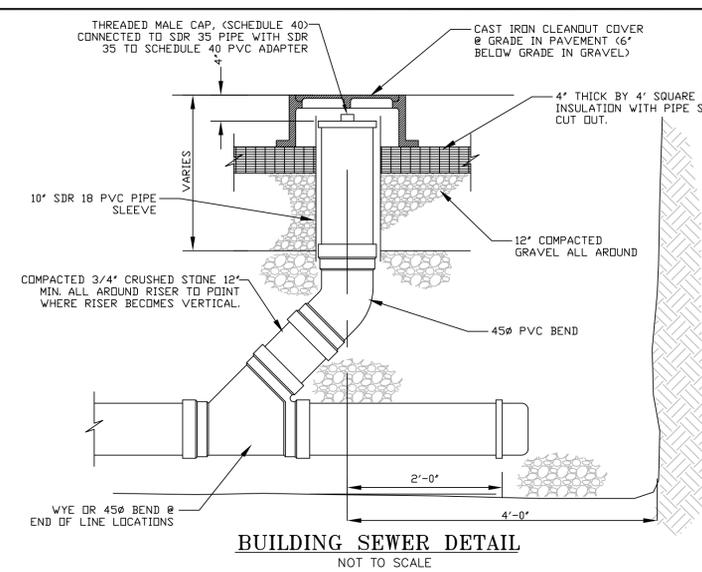
CLIENT PROJECT: **AUGUSTRES, LLC**  
LOCATION: 377 WESTERN AVENUE  
TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE

PROJ. NO. 2014-097

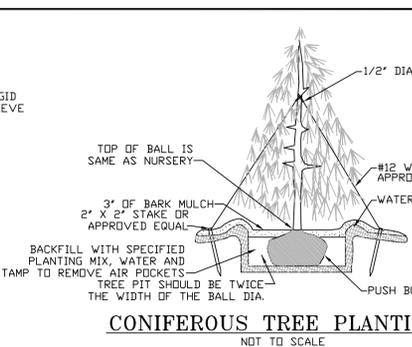
**C-6**



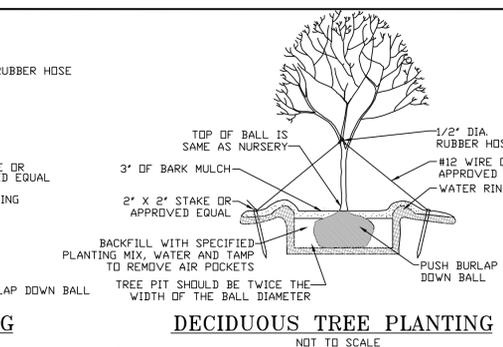
**PRECAST CATCH BASIN WITH ELBOW**  
NOT TO SCALE



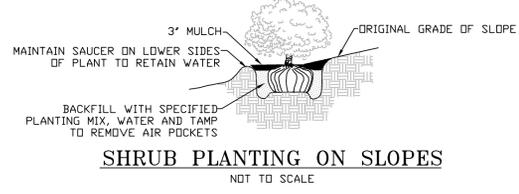
**BUILDING SEWER DETAIL**  
NOT TO SCALE



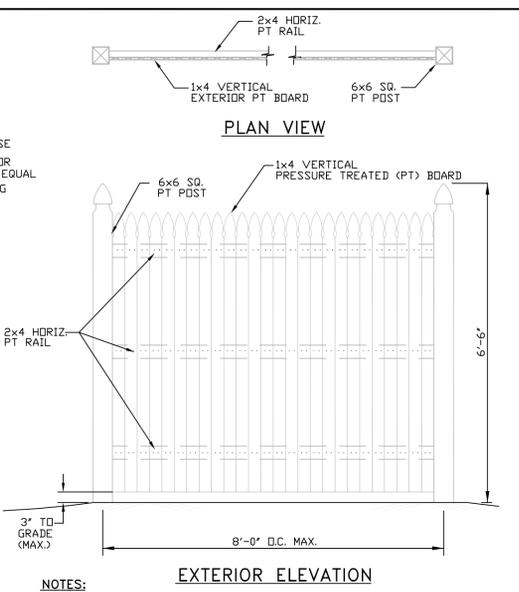
**CONIFEROUS TREE PLANTING**  
NOT TO SCALE



**DECIDUOUS TREE PLANTING**  
NOT TO SCALE

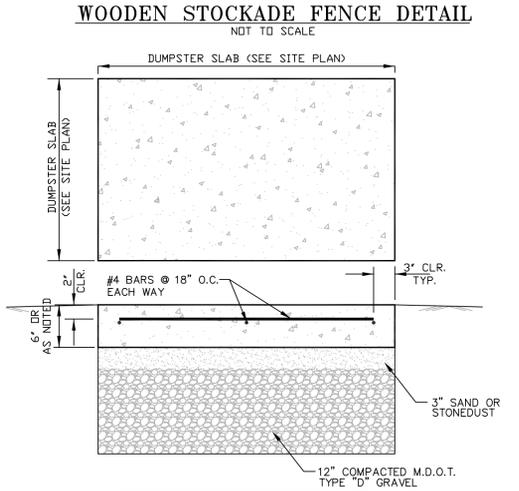


**SHRUB PLANTING ON SLOPES**  
NOT TO SCALE



**EXTERIOR ELEVATION**  
NOT TO SCALE

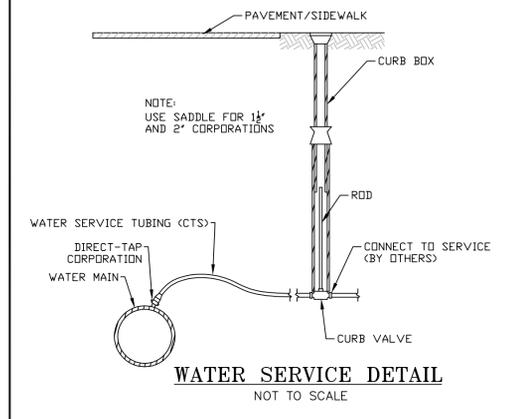
- NOTES:**
1. ALL POSTS TO BE SET 3'-6" INTO GROUND AND COMPACTED ALL AROUND. ANY POST SET LESS THAN 3'-0" SHALL BE SET ON 10" DIAM. CONCRETE FILLED SONDITUBE. USE SIMPSON STRONG-TIE POST BASE, AND SET BELOW GRADE TO HIDE CONCRETE & CONNECTOR.
  2. POST SET ON LEDGE SHALL BE DRILLED AND PINNED. ANCHORING METHOD TO BE APPROVED BY SITE ENGINEER.
  3. 2x4 PT RAILS SHALL HAVE DOVELEDED ENDS FOR POST CONNECTION.
  4. ALL GATES TO MATCH FENCE.
  5. OWNER TO SPECIFY PAINTING.



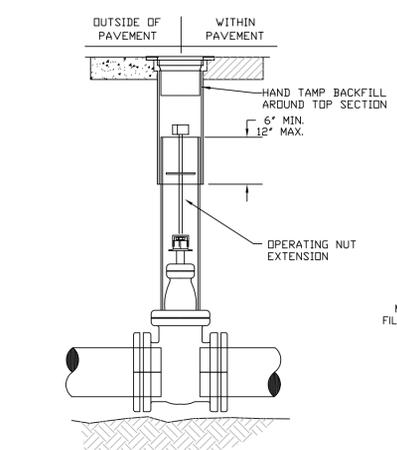
**WOODEN STOCKADE FENCE DETAIL**  
NOT TO SCALE

- CONCRETE SPECIFICATION:**
- 4000 P.S.I.
  - 3/4" STONE
  - 6% AIR ENTRANEMENT
  - SLUMP = 3" ± 1"
  - FINE BROOM FINISH

**TYPICAL DUMPSTER SLAB DETAIL**  
NOT TO SCALE

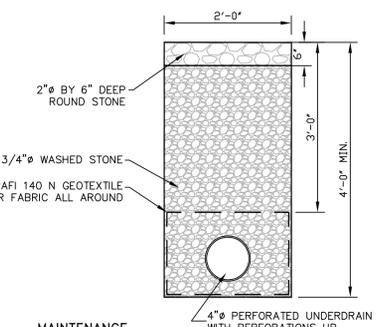


**WATER SERVICE DETAIL**  
NOT TO SCALE



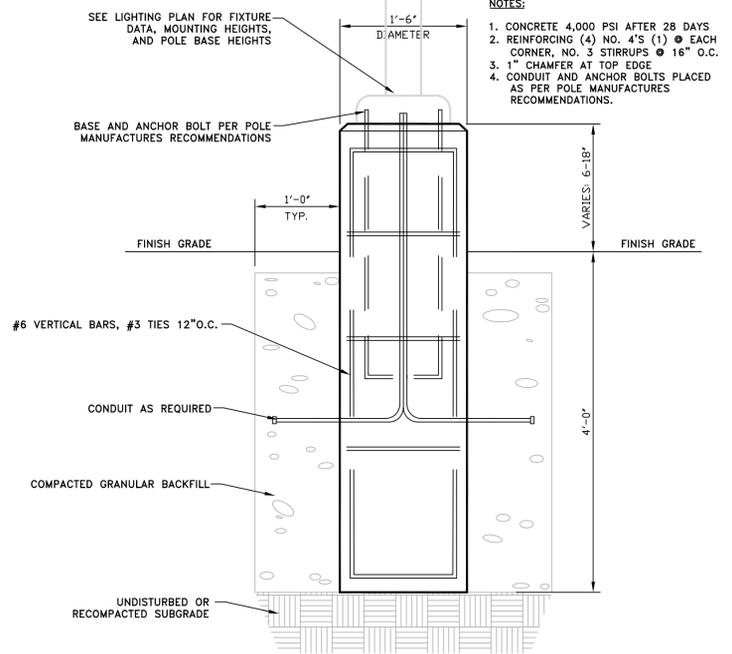
**GATE VALVE DETAIL**  
NOT TO SCALE

- NOTES:**
- 1) VALVE BOX NOT TO REST ON OPERATING ASSEMBLY.
  - 2) A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WITH AN OPERATING NUT LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF THE VALVE BOX. THIS EXTENSION SHALL BE SUFFICIENT LENGTH TO ENSURE THAT ITS TOP IS WITHIN 4 FEET OF THE VALVE BOX LID.



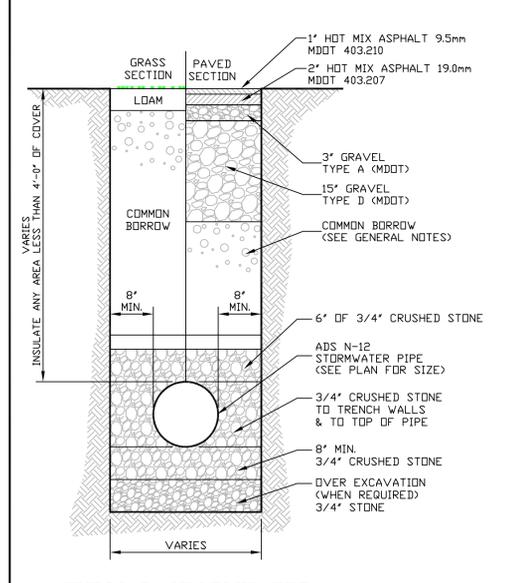
**STONE DRIP EDGE DETAIL**  
NOT TO SCALE

- MAINTENANCE**
- REGULAR INSPECTIONS MUST BE CHECKED FOR SEDIMENT ACCUMULATION AFTER EACH SIGNIFICANT RAINFALL. SEDIMENT MUST BE REMOVED WHEN VISIBLE AT THE TOP OF THE DRAIN. WEEDS AND OTHER DEBRIS SHALL BE REMOVED FROM DRAIN PERIODICALLY AFTER ACCUMULATION. THE AREA IN AND AROUND THE DRAIN SHALL BE MOVED AT LEAST SEMI-ANNUALLY. SHOULD DRAIN BE PLUGGED OR BROKEN THAT SECTION SHALL BE REPLACED IMMEDIATELY.

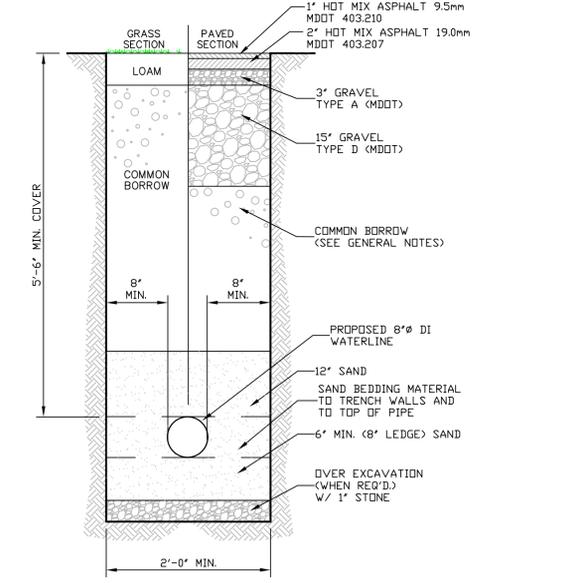


**18" DIAMETER LIGHT POLE BASE DETAIL**  
NOT TO SCALE

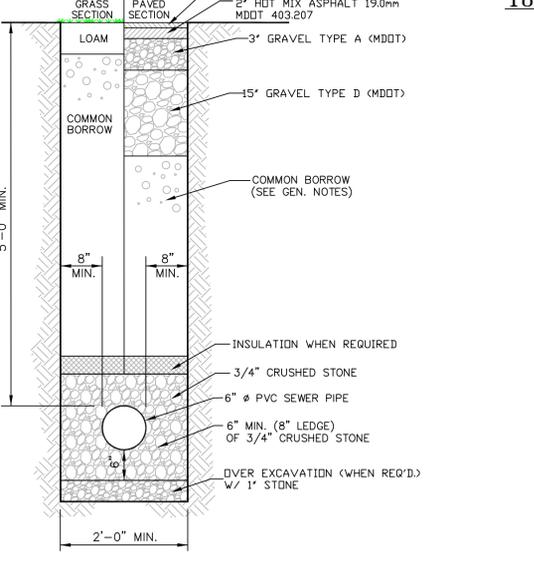
- TRENCH NOTES:**
1. CONTRACTOR SHALL COMPLY WITH OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION REGULATIONS PERTAINING TO THE EXCAVATION OF ALL TRENCHES. CONTRACTOR SHALL ALLOW FOR PAYMENT OF ADDITIONAL EXCAVATION, TRENCH BOXES AND BACKFILL WITH REGARD TO COMPLYING WITH ALL OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION STANDARDS.
  2. ALL COMMON BORROW AND GRAVEL AREAS TO BE COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 "MODIFIED PROCTOR DENSITY". PLACE IN 9" TO 12" LIFTS.



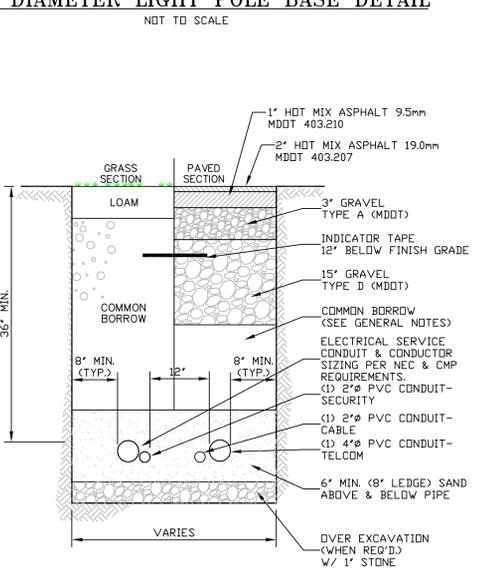
**TYPICAL STORMWATER TRENCH SECTION**  
NOT TO SCALE



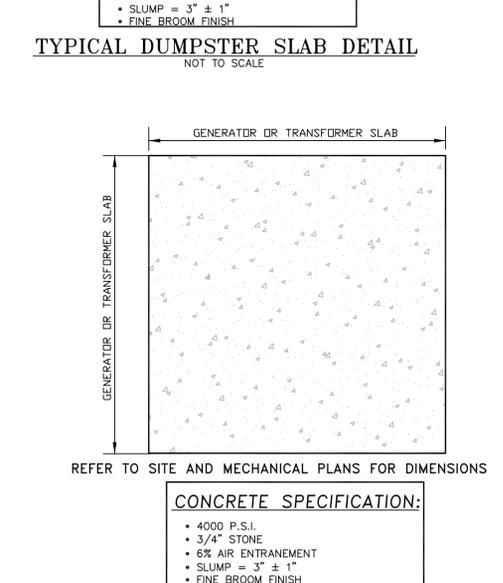
**WATER SERVICE TRENCH SECTION**  
NOT TO SCALE



**TYPICAL SANITARY TRENCH SECTION**  
NOT TO SCALE



**TYPICAL ELECTRICAL/SITE LIGHTING TRENCH SECTION**  
NOT TO SCALE



**TYPICAL MECHANICAL SLAB DETAIL**  
NOT TO SCALE

**JAMES E. COFFIN**  
PROFESSIONAL ENGINEER

**E.S. COFFIN**  
ENGINEERING & SURVEYING, INC.

<p><b>SITE DETAILS IV</b></p>	<p>SCALE: AS SHOWN</p>
<p>CLIENT/PROJECT: AUGUSTRES, LLC</p>	<p>DRAWN BY: TCH</p>
<p>LOCATION: 377 WESTERN AVENUE</p>	<p>CHECKED BY: JEC</p>
<p>TOWN: AUGUSTA</p>	<p>DATE: OCTOBER 10, 2014</p>
<p>COUNTY: KENNEBEC</p>	<p>STATE: MAINE</p>
<p>PROJ. NO. 2014-097</p>	<p>REVISIONS</p>

**C-7**

