



- HEAVY DUTY (H.D.) COUPLER**  
NO SCALE  
NOTES
1. BOLTS TO BE A-36 1 1/2" DIAMETER.
  2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
  3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
  4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.

**NOTES:**

FILTER COURSE, GROUTED TOE WALL AND CLAY LINER SUBSIDIARY TO "RIP-RAP, LIGHT STONE".

TIES ARE SUBSIDIARY TO STORM SEWER PIPE.

TIE RODS SHALL BE GALVANIZED OR POWER WASHED AND DIPPED IN AN APPROVED ZINC RICH EPOXY PRIME PAINT AFTER FABRICATION.

TIES TO BE USED ONLY TO HOLD PIPE SECTIONS TOGETHER, NOT FOR PULLING SECTIONS TIGHT.

CONNECT END SECTION AND PIPE SECTIONS WITH PIPE TIES A MINIMUM OF 2 JOINTS FROM THE END SECTION.



PAVING & INCIDENTAL DRAINAGE FOR  
**AUBURN LAKES ADDITION**  
PHASE 1

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**MISC. SWS DETAILS**

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SCALE	NTS	
DESIGNED	DRAWN	CHECKED
DFL	JWC	GJA

NO.	REVISION	DATE
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SHEET NO.