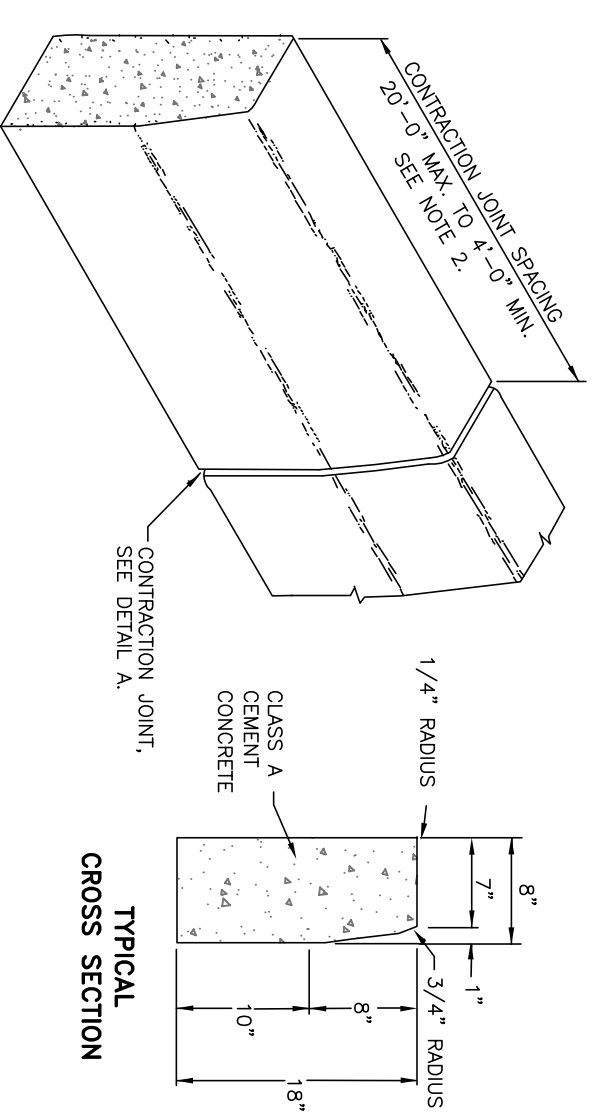
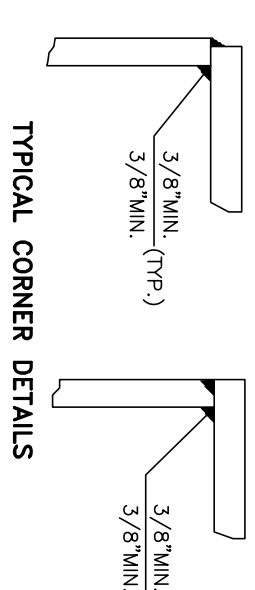
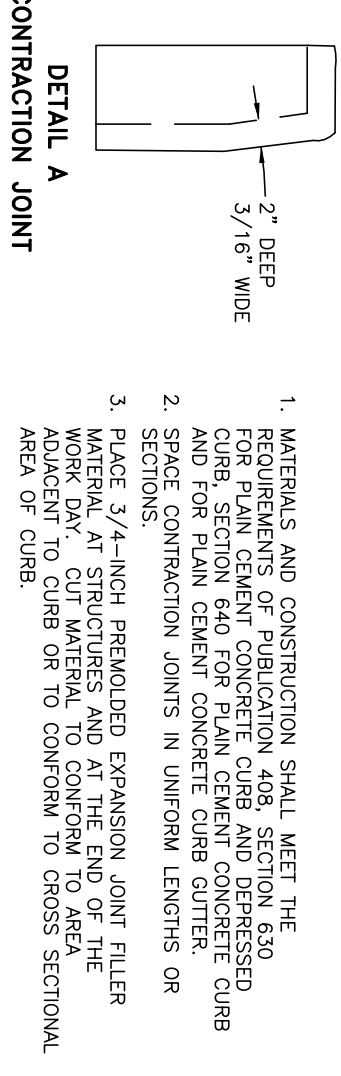


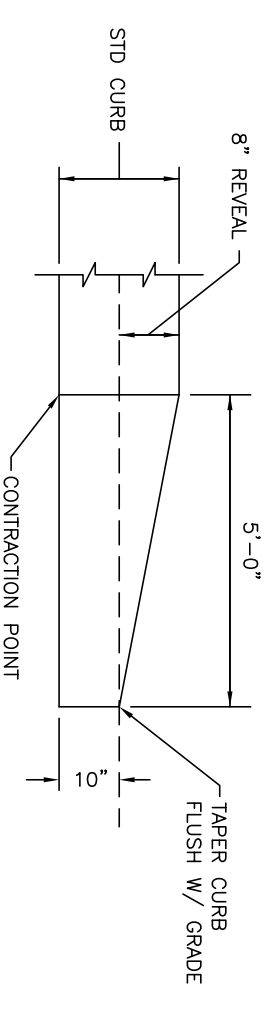
**BICYCLE SAFE STRUCTURAL STEEL GRATE**  
NOT TO SCALE



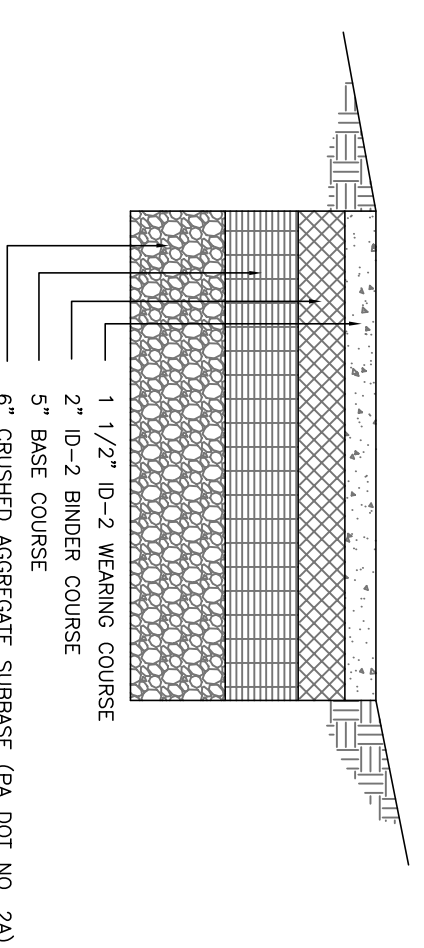
**PLAIN CEMENT CONCRETE CURB**  
NOT TO SCALE



1. MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF PUBLICATION 408, SECTION 650 FOR PLAIN CEMENT CONCRETE CURB AND DERESSED CURB FOR PLAIN CEMENT CONCRETE CURB OUTER CURB.
2. SPACE, CONTRACTION JOINTS IN UNIFORM LENGTHS OR 3/4-INCH BRANDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.

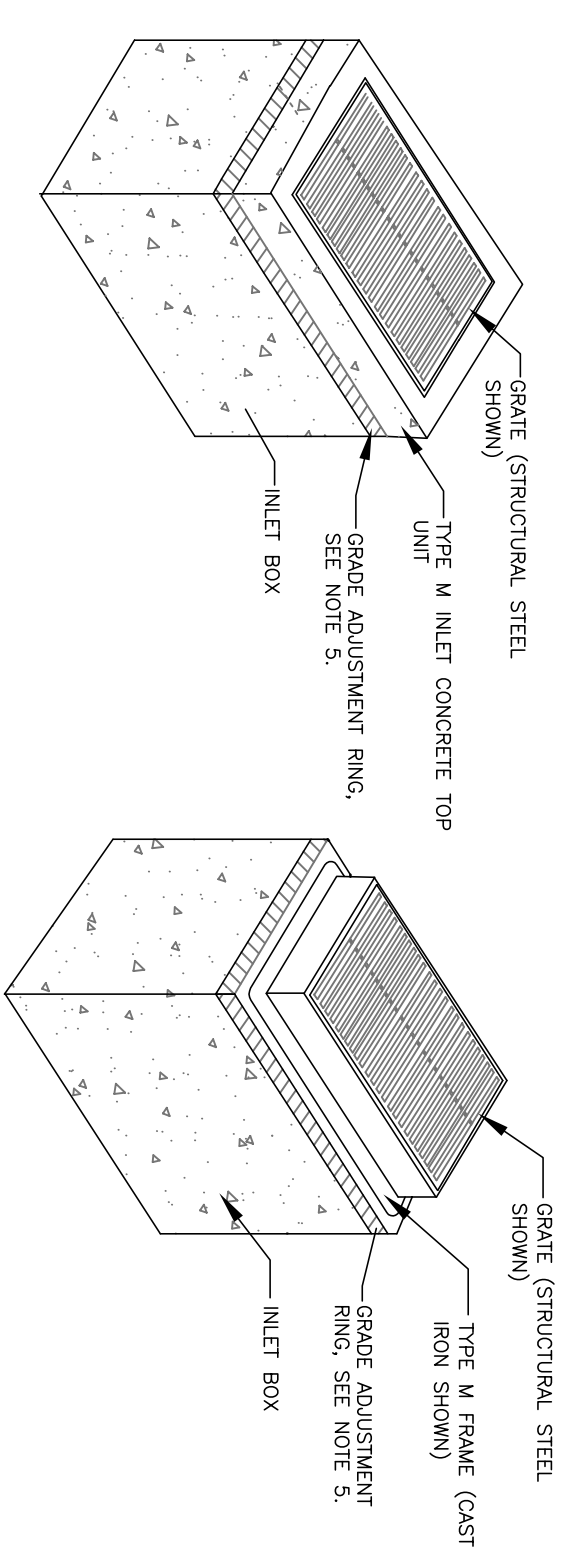


**CURB END TREATMENT DETAIL**  
NOT TO SCALE



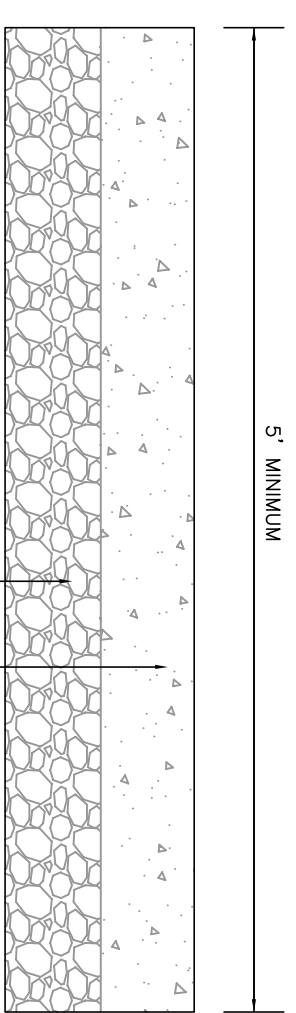
**SITE PAVING CROSS SECTION**  
NOT TO SCALE

ALL MATERIAL SHALL BE EQUAL OR SUPERIOR TO PENNSYLVANIA SPECIFICATIONS FOR CONCRETE AND SHALL BE APPLIED IN ACCORDANCE WITH THOSE SAME SPECIFICATIONS.



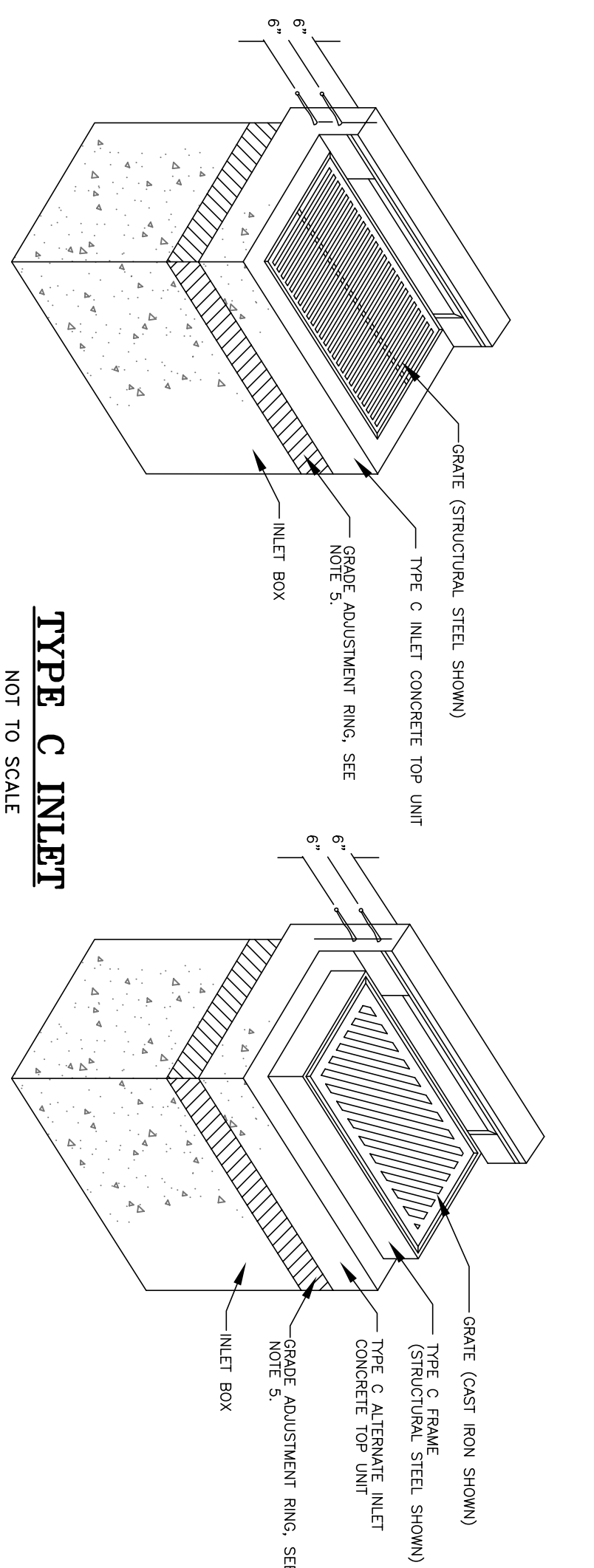
**TYPE M INLET**  
NOT TO SCALE

- NOTES**
1. CONSTRUCTION REQUIREMENTS:
    - A. CONSTRUCT IN ACCORDANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS, SECTIONS 605, 606, 607 AND 608.
    - B. MINIMUM CONCRETE CLASS CLASS A.
    - C. PROVIDE STEEL REINFORCEMENT IN ACCORDANCE WITH SEC. 709, PROVIDE MINIMUM YIELD STRENGTH OF 60,000 PSI.
    - D. TOPRAVES' DRAWING FOR CONCRETE TOP UNITS.
  2. THIS SHEET DEPICTS THE VARIOUS COMPONENTS REQUIRED FOR COMPLETE INLET ASSEMBLY. FOR COMPLETE DRAWING FOR FRAMES.
  3. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  4. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  5. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  6. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  7. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  8. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)



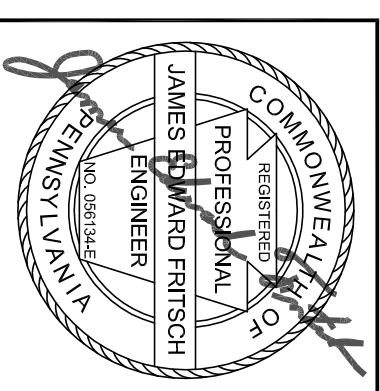
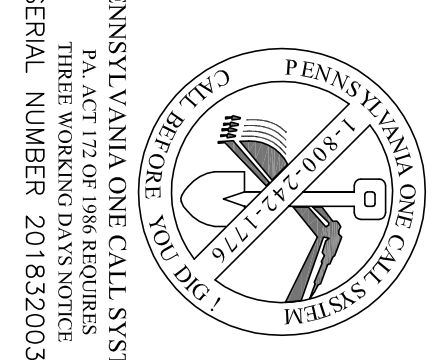
**SIDEWALK DETAIL**  
NOT TO SCALE

- NOTES**
1. CONCRETE USED IN SIDEWALK WORK SHALL BE CERTIFIED TO DEVELOP A (28) DAYS COMPRESSIVE STRESS OF AT LEAST THREE THOUSAND (3,000) P.S.I. AT TWENTY-EIGHT (28) DAYS.
  2. CONCRETE SHALL BE PLACED IN FORMS THAT ARE STRAIGHT AND SECURELY BRACED.
  3. BRACED SHALL BE TAKEN TO CONTROL THE WATER CONTENT TO PREVENT SEPARATION OF THE AGGREGATES.
  4. THE CONCRETE SHALL HAVE A BROOM FINISH AND THE EDGE SHALL BE FINISHED WITH CONCRETE TOOL.
  5. THE CONCRETE SHALL BE PLACED SO THAT THERE IS A SEPARATE JOINT EVERY FIVE (5) FEET.
  6. THERE SHALL BE ONE-HALF (1/2) INCH BRANDED EXPANSION JOINTS BETWEEN EVERY FIFTH SECTION AND BETWEEN ALL POINTS WHERE THE CONCRETE SIDEWALK ADJACENT TO CURB.



**TYPE C INLET**  
NOT TO SCALE

- NOTES**
1. CONSTRUCTION REQUIREMENTS:
    - A. CONSTRUCT IN ACCORDANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS, SECTIONS 605, 606, 607 AND 608.
    - B. MINIMUM CONCRETE CLASS CLASS A.
    - C. PROVIDE STEEL REINFORCEMENT IN ACCORDANCE WITH SEC. 709, PROVIDE MINIMUM YIELD STRENGTH OF 60,000 PSI.
    - D. TOPRAVES' DRAWING FOR CONCRETE TOP UNITS.
  2. THIS SHEET DEPICTS THE VARIOUS COMPONENTS REQUIRED FOR COMPLETE INLET ASSEMBLY. FOR COMPLETE DRAWING FOR FRAMES.
  3. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  4. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  5. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  6. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  7. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)
  8. PRECAST CAST-IN-PLACE 1 1/2" (TOP BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER) 2" (TOP BARS) 1 1/2" (BOTTOM BARS) 2" (SIDE COVER)



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REGISTERED LAND SURVEYORS  
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Post Construction Stormwater Management Notes and Detail Sheet

Plan Prepared For  
**Rick Avello**

Drawn By:	DAM	Sheet
Checked By:	CRDIII	
Scale:		
Job Number:	181170	
Date:	03-08-19	