

FOR PERMIT APPLICATION

**MATERIAL SPECIFICATIONS.**

**PLATFORM MATERIAL TYP.**  
 -RECT. TUBE, TS 6 x 3 x 3/16  
 -ANGLE, L4 x 3 x 3/16  
 -3/16" DIAMOND PLATE DECKING

**WALKWAY MATERIAL TYP.**  
 -RECT. TUBE, TS 4 x 3 x 3/16  
 -ANGLE, L4 x 3 x 3/16  
 -3/16" DIAMOND PLATE DECKING

**COLUMN SUPPORT MATERIAL TYP.**  
 -SQ. TUBE, TS 6 x 6 x 3/16  
 -5/8" STEEL PLATE, BASE PLATES

**BEAM SUPPORTS MATERIAL TYP.**  
 -RECT. TUBE, TS 8 x 3 x 1/4  
 -5/8" STEEL PLATE, BASE PLATES  
 -3/8" STEEL PLATE, GUSSETS

**MINOR SUPPORTS MATERIAL TYP.**  
 -SQ. TUBE, TS 3 1/2 x 3 1/2 x 3/16  
 -SQ. TUBE, TS 3 x 3 x 3/16  
 -CHANNEL, C3 x 4.1  
 -CHANNEL, C4 x 5.4  
 WITH ADJUSTABLE FEET  
 -SQ. TUBE, TS 3 x 3 x 1/4  
 -5/8" STEEL PLATE, BASE PLATES

**SUPPORT BRACE MATERIAL TYP.**  
 -RECT. TUBE, TS 6 x 3 x 3/16  
 -RECT. TUBE, TS 4 x 3 x 3/16  
 -CHANNEL, C4 x 5.4

**STAIRWAY MATERIAL TYP.**  
 -CHANNEL, C12 x 20.7, SIDE STRINGER  
 -GRATE, TREAD 11 3/4" X 36"  
 -PIPE, 1 1/4 SCH 40

**HANDRAIL MATERIAL TYP.**  
 -PIPE, 1 1/4 SCH 40, HORIZ. MEMBERS  
 -3/8 STEEL PLATE VERT. MEMBERS  
 -FLATBAR, FB 1/4 x 5.00, TOE KICK

**SORT CHUTE MATERIAL TYP.**  
 -12 GA STEEL SHEET, MAIN BODY  
 -ROUND BAR, 3/8", TOP SORT EDGE

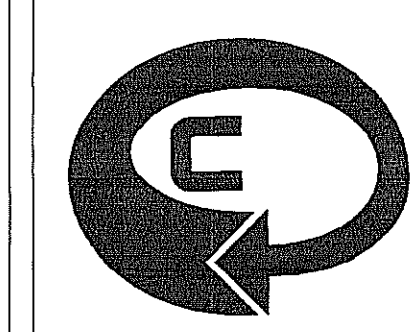
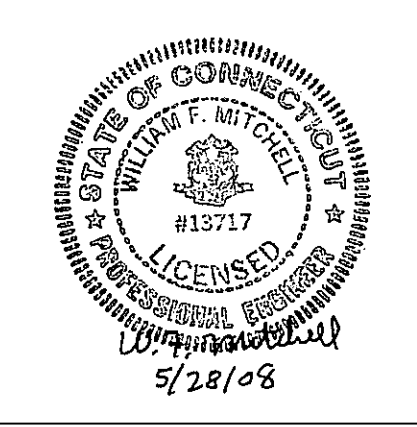
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**CP MANUFACTURING INC.**  
 1300 WILSON AVENUE - NATIONAL CITY, CA 91950  
 PHONE: 619-477-3175 FAX: 619-477-3426

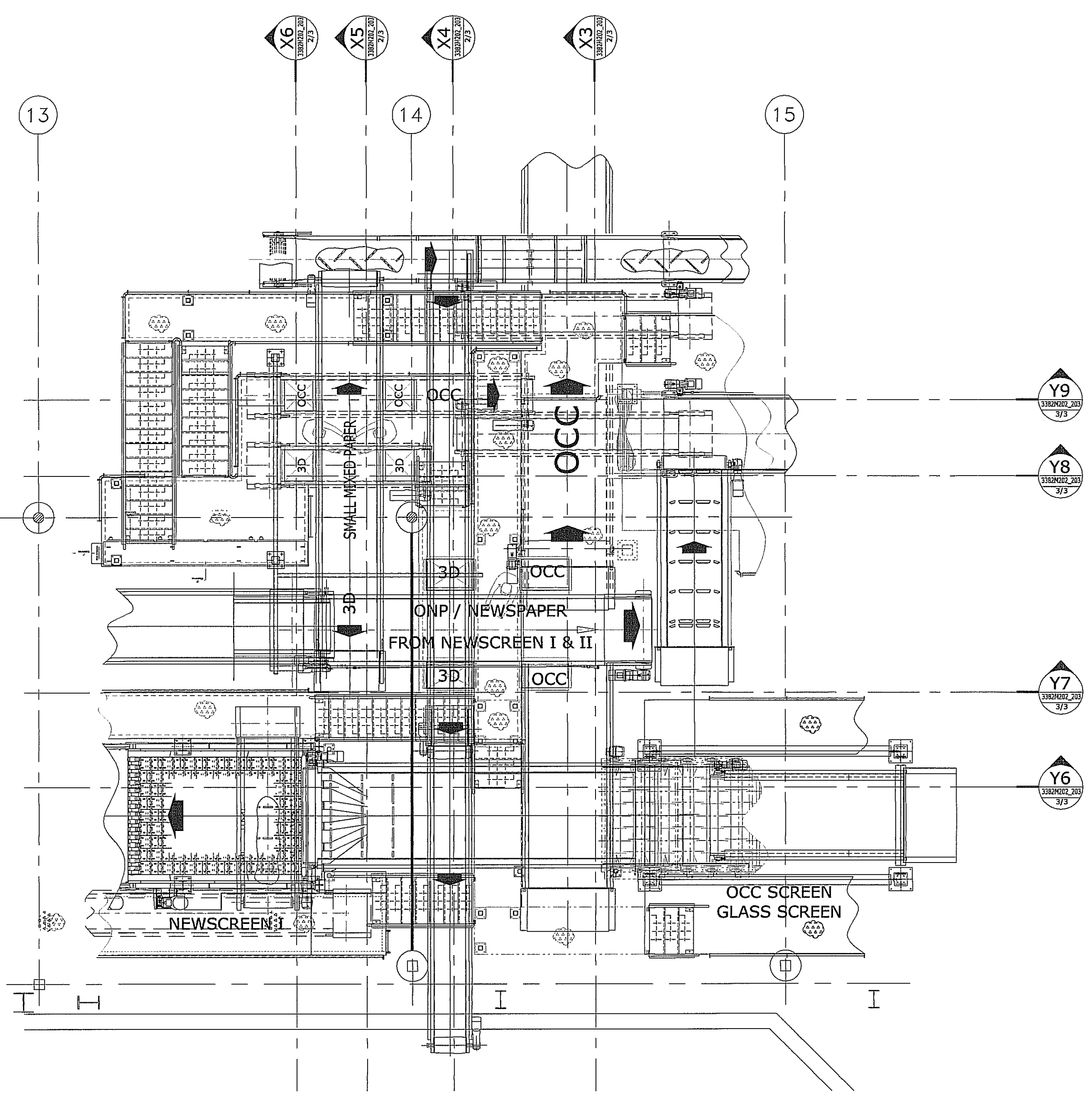
PROJECT NAME AND LOCATION:  
 MATERIAL RECOVERY FACILITY  
 FCR / CASELLA WASTE INC.  
 211 MURPHY ROAD  
 HARTFORD, CT 06114-2105

DATE: 04/30/08  
 SHEET NO. 1 OF 4  
 SCALE: 3/16"=1'0"

DWG NO. 3382P100\_203-PLAN VIEW



**CP MANUFACTURING INC.**  
 1300 WILSON AVENUE  
 NATIONAL CITY, CALIFORNIA, 91950  
 1.619.477.3175



- MATERIALS:**
- STRUCTURAL SHAPES AND PLATE: ASTM A36.
  - STRUCTURAL TUBES: ASTM A500 GR. B Fy=46 ksi.
  - STEEL BEAMS: ASTM A992.
  - PIPE SECTIONS: ASTM A53 GR. B ASTM A501 UN.D.
  - HILTI KWIK-BOLT II WEDGE ANCHORS: ICC ESR-1385.
  - MACHINE BOLTS: ASTM A307, AND NUTS: ASTM A563 GRADE C, UN.D.
  - STRUCTURAL NUTS AND BOLTS: ASTM A325 AND SHALL BE INSTALLED PER THE REQUIREMENTS OF THE AISC.
  - DECK PLATE: 3/16" DIAMOND DECK.
- GENERAL NOTES:**
- BUILDING PERMITS AND ALL OTHER PERMITS (IF REQUIRED) SUPPLIED BY OTHERS.
  - ALL ITEMS SHALL COMPLY WITH OSHA/UBC AND 2003 INTERNATIONAL BUILDING CODE SPECIFICATION AND HARTFORD, CT CODES.
  - ALL SLAB, FOUNDATION AND EMBEDMENT DETAILS SHOWN ARE SUGGESTION ONLY AND THEY MUST BE VERIFIED PRIOR CONSTRUCTION. ACTUAL REQUIREMENTS MAY VARY DO TO LOCAL SOIL AND/OR CONCRETE CONDITIONS. PURCHASER IS RESPONSIBLE FOR ADEQUATE STRUCTURAL DESIGN AND PROPER CONSTRUCTION OF PITS, SLABS, FOUNDATIONS AND EMBEDMENTS.
  - ALL CONCRETE SURFACES TO BE FLAT AND LEVEL WITHIN 1" IN 40' (25.4 mm in 122m).
  - FOR SUGGESTED FOUNDATION SEE DWG 3382P100
  - FOR SUGGESTED FOOTING DEPTH SEE DWG 3382P100
  - CP-MFG. EQUIPMENT AND SUPPORT STRUCTURE DESIGN/MANUFACTURE TO BE IN COMPLIANCE WITH SEISMIC CODES AND REGULATIONS. (REFER TO ENG. CALCULATIONS FOR STRUCTURE STEEL SUPPORT FRAME AND CONCRETE FOUNDATIONS BY CURTIS ENGINEERING CORPORATION).
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  - DIMENSIONS DENOTED AS (-) ARE REFERENCE DIMENSIONS ONLY.
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  - SEE DWG. 3382A100\_APR FOR OVERALL SYSTEM EQUIPMENT LAYOUT.
  - \* - INDICATES DIMENSIONS OR INFORMATION TO BE VERIFIED.
  - - - INDICATES REFERENCE EQUIPMENT.
  - (X'-X') - REFERENCE DIMENSION ONLY.
  - CAPACITY:  
 LIVE LOAD: 100 PSF @ EXITS & STAIRWAY  
 LIVE LOAD: 60 PSF @ PLATFORM & WALKWAYS  
 DEAD LOAD: 25 PSF

**FIBER & CONTAINER SORT SYSTEM**  
 FCR / CASELLA WASTE INC.  
 HARTFORD - CONNECTICUT - USA  
 JOB #3382

**APPROVAL - PLATFORM LAYOUT**

APPROVED:  PRODUCTION CANNOT START UNTIL ONE SET OF DRAWING PACKAGE IS SIGNED AND RETURNED TO CP MANUFACTURING INC.

APPROVED AS NOTED:

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PRINT NAME SIGNATURE

\_\_\_\_\_ DATE: \_\_\_\_\_  
 PRINT NAME SIGNATURE

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