NOTES:
1. CURB TO BE ANCHORED SECURELY TO DECK WITH STAINLESS STEEL CLIP ANGLES AT CURB CORNERS AND MID POINTS.
2. CURB CAP TO BE 16 GA. STAINLESS STEEL CONSTRUCTION WITH 3" LIP AND WELDED CORNERS. CURB CAP TO BE SECURLEY MOUNTED TO CURB.
3. DUCTWORK AND STACK TO BE 316L STAINLESS WELDED CONSTRUCTION, 18 GAGE MIN.
4. 1" DIAMETER WELDED STAINLESS STEEL COUPLING TO BE INSTALLED AT BOTTOM OF STACK FOR DRAIN LINE.
5. SUPPORT FRAMEWORK TO BE 1 1/2" X 1 1/2" X 3/16" PAINTED STEEL OR GALVANIZED ANGLE IRON. ALL WELDS TO BE PAINTED. ANGLE IRON SUPPORT FRAME TO BE SECURLEY MOUNTED TO CURB TO WITHSTAND WIND LOADING OF FUME HOOD STACK.
6. STACK TERMINATION HEIGHT TO BE 10' MINIMUM ABOVE ADJACENT ROOF ELEVATION.
7. FUME HOOD EXHAUST FAN TO BE INSTALLED ON RESTRAINED SPRING TYPE VIBRATION ISOLATORS.
8. THIS DETAIL FOR FUME HOOD EXHAUST FAN TO BE LOCATED OUTSIDE OF BUILDING.

"H"= 1 1/2 TIMES DIAMETER OF HIGH VELOCITY DISCHARGE DUCT (MIN.)

"L"=LENGTH OF STRAIGHT DISCHARGE DUCT TO BE 1 1/2 TIMES EQUIVALENT ROUND FAN DISCHARGE DIAMETER (MINIMUM)

"I" INLET DUCT STRAIGHT LENGTH TO BE 1 1/2 TIMES FAN INLET DIAMETER (MINIMUM)

OUTDOOR CURB-SUPPORTED FUME HOOD EXHAUST FAN/STACK INSTALLATION

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NOT TO SCALE

OUTDOOR CURB-SUPPORTED FUME HOOD EXHAUST FAN/STACK INSTALLATION

DATE: June 15, 2013

Dwg. No.: 23 30 00-1

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN FACILITIES STANDARDS