

CONSTRUCTION CONSULTING & TESTING, INC.

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DETROIT OFFICE - 35410 Mound Rd. Sterling Hts., Michigan 48310 Ph.: (586) 795-2877

Client: Century Cement
12670 Sibley Road
Riverview, MI 48193

Project: Conner
Wayne Co.:

Date: June 20, 2022

CCT No.: 201-22037-2A

REPORT OF CONCRETE COMPRESSIVE STRENGTH

DATE OF POUR: 5/23/2022

LOCATION OF POUR: Sidewalk: NB Conner & Chandler Pk

SUPPLIER: Hercules

TICKET NO.: 136447
MIX I.D.: P1-DETM

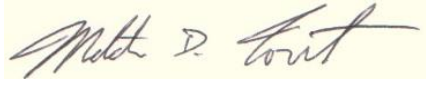
FIELD DATA: Set 1 of 1

DATE: 5/23/2022
BATCH TIME: 4:02 PM
TEST TIME: 6:00 PM
AIR CONTENT (%): 6.0%
SLUMP (in.): 5
CONC. TEMP. (F): 70
AIR TEMP. (F): 59
UNIT WT. (pcf): ---
MOLDED BY: CCT

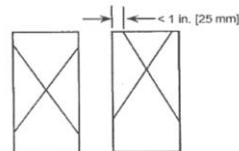
***Testing conforms to ASTM C 172, C 231, C 143, C 1064, C 138, C 31, & C 39/C 39M

LAB NO.	BREAK DATE	AGE (days)	DIA. (in)	AREA (sq. in.)	LOAD (lbs)	COMPRESSIVE STRENGTH (psi)	TYPE OF FRACTURE
420	06/20/22	28	4	12.56	52,630	4190	3
421	06/20/22	28	4	12.56	51,280	4080	2
Cylinder Size: 4" x 8"				28 DAY AVERAGE		4,135	
				28 DAY SPEC.		3,500	

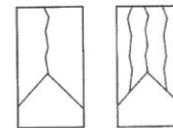
Comments:

Reviewed By: 
Mitch Forst, President

Distribution: Century Cement



Type 1
Reasonably well-formed cones on both ends, less than 1 in. [25 mm] of cracking through caps



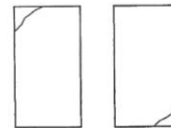
Type 2
Well-formed cone on one end, vertical cracks running through both ends, no well-defined cone on other end



Type 3
Columnar vertical cracking through both ends, no well-formed cones



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5 but end of cylinder is pointed

Typical Fracture Patterns