A CONTRACTORS POINT OF VIEW

SUPER FLAT FLOORS
QUICK REVIEW - WHAT FF # REPRESENT

• FF 25 = ¼ INCH DEFECT IN 10 FEET

• FF 50 = 1/8 INCH DEFECT IN 10 FEET

• FF 100 = 1/16 INCH DEFECT IN 10 FEET
COMMUNICATION

OFFICE STAFF – PROJECT MANAGER
FIELD STAFF – FORMAN AND LABOR
CONCRETE SUPPLIER -- DISPATCH AND QUALITY CONTROL
TESTING COMPANY
OFFICE STAFF – PROJECT MANAGERS

BIDDING

1. EXTRA LABOR FOR POUR SIZE
2. EXTRA LABOR FOR FINISHING

SHARE THE SPECS

1. FIELD STAFF HAS TO KNOW WHAT IS EXPECTED
FIELD STAFF - FORMAN

SET THE STANDARD FOR THE CREW THEM WHAT IS NEEDED -- HE HAS TO TELL

CHECK AND RECHECK

1. GRADE
2. SCREEDS
3. FINISHING PROCESS
CONCRETE SUPPLIER

- Dispatch has to understand your rate of placement
- Plant has to be prepared for the pour size
- Quality control has to ensure consistent slumps
- Mix designs have to be workable with minimal shrinkage
STILL THINGS CAN HAPPEN

• FIGHTING A COLD JOINT IS HARD
• HELP DURING THE POUR WITH SLUMP TEST

1. THE MORE CONSISTENT THE SLUMP THE MORE CONSISTENT THE SET

• FLOOR TEST

1. ACI – COMPLETED WITHIN 72 HOURS OF THE PLACEMENT

2. AS SOON AS THE FLOOR IS COMPLETELY SET # BEFORE THE FLOOR IS CUT – CURLING
MIX DESIGNS

• AGGREGATE
  1. FINE TO COURSE RATIO
     A. FINE AGG MAKES PASTE
  2. COURSE AGG SIZE
     A. LARGER COURSE HELPS FIGHT CURLING
     B. CHIPS HELP WITH WORKABILITY
  3. ADD MIX
     A. SUPER P -- W/C RATIO
The way we do it

• THIS FLOOR WAS A F 65
SCREED MACHINE

• SOMERO LASER
SCREAD MACHINE

• COPPER HEAD
FLOATING

• FIRST STEP IN FINDING HIGH AND LOWS

• 10 FT BUMP CUTTERS HELP
TROWELING

• WE HIT FLOORS A FEW PASSES WITH PANS

• WE USE A CHANGING PATTERN TO FIGHT RIDGING
TOO EARLY   TOO SANDY

• ANY TIME YOU MOVE PASTE YOU HAVE THE CHANCE TO CREATE A BUMP OR HUMP
WHY SO FLAT

• ROBOT FORK LIFTS
THE END