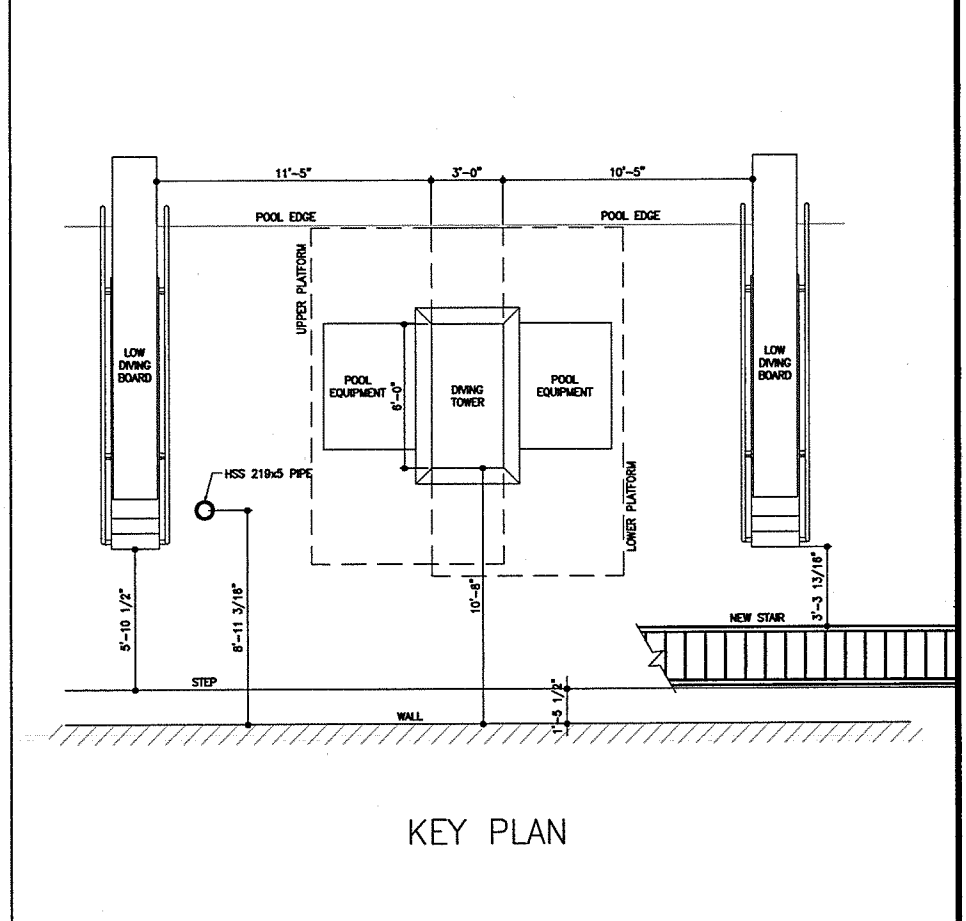


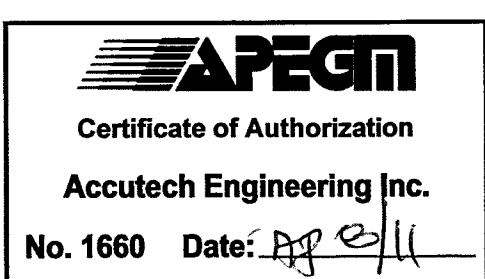
GENERAL SCOPE OUTLINE

1. REMOVE ALL EXISTING CONCRETE COATINGS.
2. REPAIR DAMAGED CONCRETE.
3. RE COAT ALL CONCRETE DECKS WITH EPOXY COATING.



CONCRETE REPAIR METHODOLOGY:

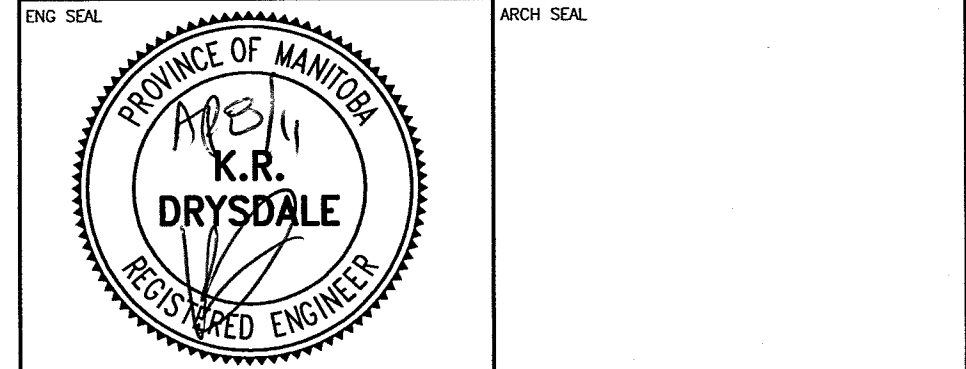
- A. GENERAL**
1. AREAS THAT NEEDS REPAIR AS SHOWN ON THE DRAWINGS ARE BASED ON THE ACTUAL SITE CONDITION.
 2. THE CONTRACTOR SHALL CONFIRM ALL REPAIR AREAS ON SITE PRIOR TO SUBMITTING A BID.
- B. FINISH COATING**
1. REMOVE ALL EXISTING CONCRETE COATINGS CLEAN TO SOUND CONCRETE.
 2. COAT THE NEWLY REPAIRED DIVING TOWER, LAMINATED WOOD DIVING BOARDS, WALLS, FLOORS, STAIR STEEL FRAMES, CONCRETE THREADS AND LANDINGS, USING TWO COMPONENTS SOLVENT AND SILICONE-FREE, LOW-VISCOUSITY, HIGH-STRENGTH, EPOXY RESIN, SLIP-RESISTANT SEAMLESS FLOOR (SIKAFLOOR 261 - SYSTEM 3). COLOR BY OWNER, BASED ON SIKA PRODUCT STANDARD COLOR PALETTE.
 3. COAT ALL LAMINATED WOOD DIVING BOARDS WITH SIKADUR 30 BONDING AGENT, REFER TO SIKA PRODUCT DATA SHEET.
 4. REFER TO SIKA TECHNIQUGIDE 2010 EDITION FOR ADDITIONAL INFORMATION RELATED TO CONCRETE REPAIRS AND PROCEDURES.
- C. CONCRETE REPAIR PROCEDURE FOR HORIZONTAL AND VERTICAL SURFACES WITH A DEPTH BETWEEN 1/8 INCH (3 MM) TO 1.00 INCH (25 MM).**
1. USE SIKATOP 122 PLUS.
 2. SURFACE PREPARATION: REMOVE ALL DETERIORATED CONCRETE, DIRT, OIL, GREASE, OTHER BOND INHIBITING MATERIALS FROM SURFACE. BE SURE PATCH AREA IS NO LESS THAN 1/8 INCH (3 MM) MINIMUM DEPTH. PREPARATION WORK SHOULD BE DONE BY CHIPPING, HIGH-PRESSURE WATERBLASTING OR OTHER APPROPRIATE MECHANICAL MEANS.
 3. APPLICATION: AT TIME OF APPLICATION, SURFACES SHOULD BE DAMP (SATURATED SURFACE DRY) WITH NO GLEISTENING WATER. MORTAR MUST BE SCRUBBED INTO SUBSTRATE FILLING ALL PORES AND VOIDS.
 4. CURING: AS PER ACI 308 RECOMMENDATION FOR CEMENT CONCRETE, CURING IS REQUIRED. TO ACHIEVE PERFORMANCE CONSISTENT WITH TECHNICAL DATA, CURING MUST BE PROVIDED BY RECOGNIZED CURING METHODS, SUCH AS WET BURLAP COVERED WITH WHITE POLYETHYLENE FILM OR APPROVED WATER-BASED CURING COMPOUND.
 5. REFER TO SIKATOP 122 PLUS PRODUCT DATA SHEET.
- D. CONCRETE REPAIR PROCEDURE FOR OVERHEAD AND VERTICAL SURFACES WITH A DEPTH BETWEEN 1/8 INCH (3 MM) TO 1.00 INCH (25 MM).**
1. USE SIKATOP 123 PLUS.
 2. SURFACE PREPARATION: REMOVE ALL DETERIORATED CONCRETE, DIRT, OIL, GREASE, OTHER BOND INHIBITING MATERIALS FROM SURFACE. BE SURE PATCH AREA IS NO LESS THAN 1/8 INCH (3 MM) MINIMUM DEPTH. PREPARATION WORK SHOULD BE DONE BY CHIPPING, HIGH-PRESSURE WATERBLASTING OR OTHER APPROPRIATE MECHANICAL MEANS.
 3. APPLICATION: AT TIME OF APPLICATION, SURFACES SHOULD BE DAMP (SATURATED SURFACE DRY) WITH NO GLEISTENING WATER. MORTAR MUST BE SCRUBBED INTO SUBSTRATE FILLING ALL PORES AND VOIDS.
 4. CURING: AS PER ACI 308 RECOMMENDATION FOR CEMENT CONCRETE, CURING IS REQUIRED. TO ACHIEVE PERFORMANCE CONSISTENT WITH TECHNICAL DATA, CURING MUST BE PROVIDED BY RECOGNIZED CURING METHODS, SUCH AS WET BURLAP COVERED WITH WHITE POLYETHYLENE FILM OR APPROVED WATER-BASED CURING COMPOUND.
 5. LIMITATIONS: MINIMUM APPLICATION THICKNESS: 1/8 INCH (3 MM). MAXIMUM LAYER THICKNESS: 1.50 INCH (38 MM).
 6. REFER TO SIKATOP 123 PLUS PRODUCT DATA SHEET.
- E. CONCRETE REPAIR PROCEDURE FOR HORIZONTAL AND VERTICAL SURFACES WITH A DEPTH BETWEEN 1.00 INCH (25 MM) TO 8.00 INCH (200 MM).**
1. USE SIKACRETE-08 SCC.
 2. CONCRETE SURFACE PREPARATION: REMOVE ALL DETERIORATED CONCRETE, DIRT, OIL, GREASE, OTHER BOND INHIBITING MATERIALS FROM SURFACE. BE SURE PATCH AREA IS NO LESS THAN 1 INCH (25 MM) MINIMUM DEPTH. PREPARATION WORK SHOULD BE DONE BY CHIPPING, HIGH-PRESSURE WATERBLASTING OR OTHER APPROPRIATE MECHANICAL MEANS.
 3. REINFORCING STEEL SURFACE PREPARATION: STEEL REINFORCEMENT SHOULD BE THOROUGHLY PREPARED BY MECHANICAL CLEANING TO REMOVE ALL TRACES OF RUST. WHERE CORROSION HAS OCCURRED DUE TO THE PRESENCE OF CHLORIDES, THE STEEL SHOULD BE HIGH-PRESSURE WASHED WITH CLEAN WATER AFTER MECHANICAL CLEANING. FOR PRIMING OF REINFORCING STEEL USE SIKATOP ARMATEC 110 EPOXEM (CONSULT SIKA PRODUCT DATA SHEET).
 4. APPLICATION AND FINISH: AT TIME OF APPLICATION, SURFACE SHOULD BE SATURATED SURFACE DRY (SSD) WITH NO GLEISTENING WATER. ENSURE GOOD INTIMATE CONTACT WITH THE SUBSTRATE IS ACHIEVED. FORM SHOULD NOT DEFLECT AND STRIPPED WHEN APPROPRIATE.
 5. CURING: AS PER ACI 308 RECOMMENDATION FOR CEMENT CONCRETE, CURING IS REQUIRED. TO ACHIEVE PERFORMANCE CONSISTENT WITH TECHNICAL DATA, CURING MUST BE PROVIDED BY RECOGNIZED CURING METHODS, SUCH AS WET BURLAP COVERED WITH WHITE POLYETHYLENE FILM, MISTING WITH WATER OR APPROVED WATER-BASED CURING COMPOUND.
 6. LIMITATIONS: MINIMUM APPLICATION THICKNESS: 1 INCH (25 MM). MAXIMUM APPLICATION THICKNESS: 8 INCH (200 MM). DO NOT OVERWATER MIX.
 7. REFER TO SIKACRETE-08 SCC PRODUCT DATA SHEET.



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1	ISSUED FOR TENDER	QBC	KRD	APR 08 2011
0	ISSUED FOR CLIENT REVIEW	QBC	KRD	MAR 30 2011
REV	DESCRIPTION	DWN	APP	REV DATE

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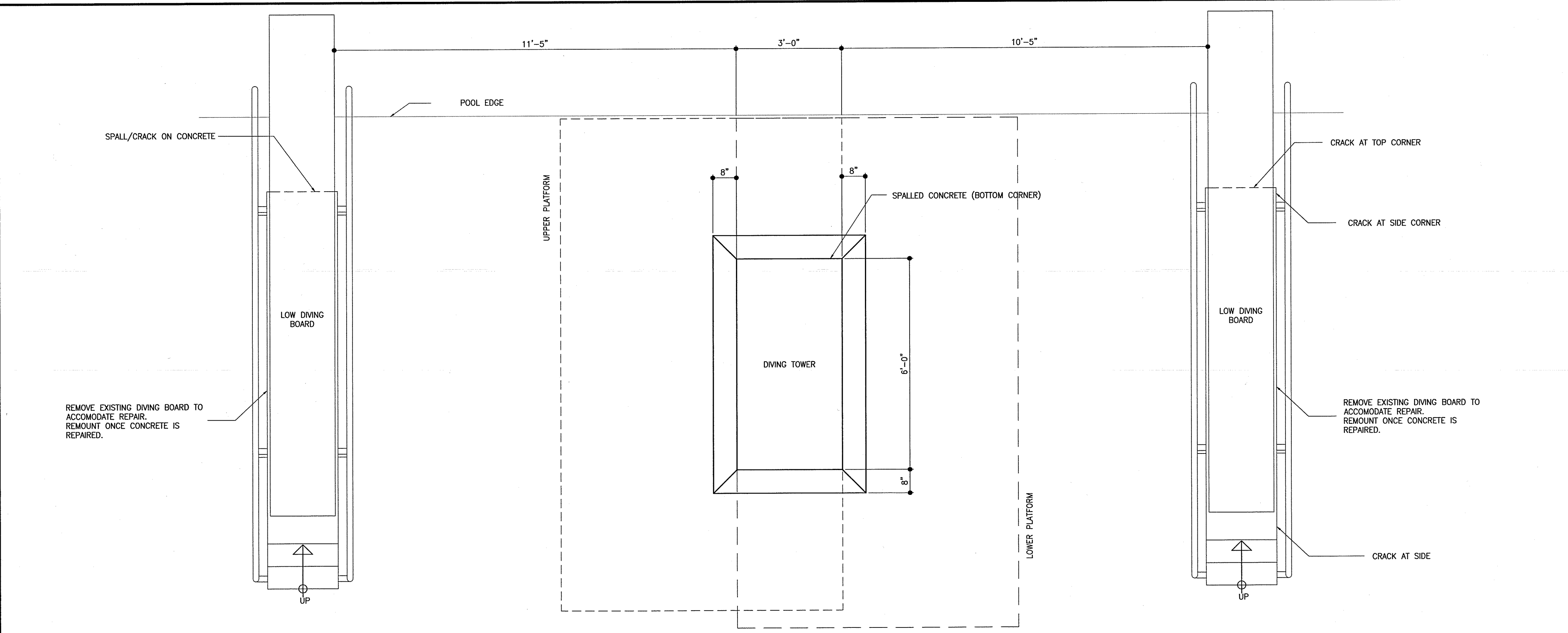
605-287 Broadway, Winnipeg, Manitoba Canada R3C 0R9
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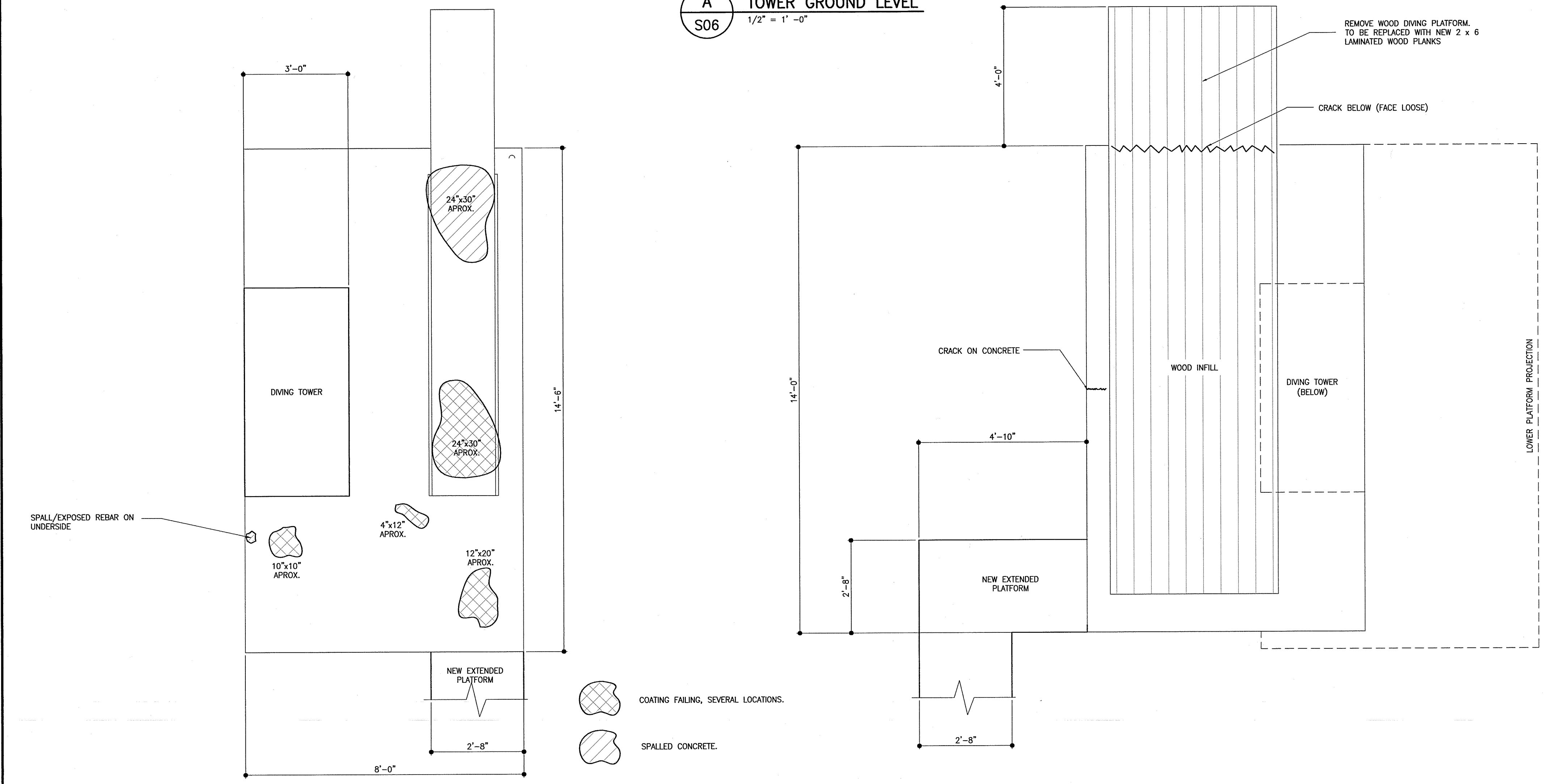
CITY OF WINNIPEG
SEVEN OAKS POOL DIVING TOWER

CONCRETE REPAIR LOCATIONS AND CONCRETE REPAIR METHODOLOGY

DRAWN BY	QBG	CHECKED BY	ATD	DATE	APR 08 2011	SHEET NO	S06
DESIGNED BY	ATD	CHECKED BY	KRD	SCALE	AS NOTED	REVISION NO	1



A TOWER GROUND LEVEL
1/2" = 1' - 0"



B FIRST PLATFORM LEVEL
1/2" = 1' - 0"

C SECOND PLATFORM LEVEL
1/2" = 1' - 0"