REFER TO M.A.G. STANDARD DETAILS

DETAIL NO. 203 - THIS SCUPPER DETAIL SHALL BE USED ONLY WITH APPROVAL OF THE CITY ENGINEER.
DETAIL NO. 211 - USE OF STEEL PLATES WILL NOT EXCEED SEVENTY-TWO (72) HOURS. PRIOR TO FINAL PATCH.
DETAIL NO. 220 - CURB HEIGHT (H) ON ALL ARTERIAL STREETS SHALL BE 7"
DETAIL NO. 230 - WIDTH OF CONCRETE SIDEWALK SHALL BE 8' ALONG ARTERIAL STREETS, 6' ELSEWHERE, 5'-6" LOCAL STREETS MAY BE APPROVED BY CITY.
DETAIL NO. 240 - VALLEY GUTTER WIDTH TO BE DETERMINED IN THE FIELD BY THE ENGINEER (MAX. WIDTH 6')
DETAIL NO. 251 - CONCRETE THICKNESS SHALL BE 9" FOR ALL DRIVEWAYS.
DETAIL NO. 262 - THIS DETAIL SHALL BE USED FOR ALL ALLEY ENTRANCES, WING WIDTH SHALL BE 6' FOR 6" VERT CURB. 7' FOR 7" VERT CURB. OTHERS MAINTAIN A MAX. SLOPE OF 1:12. CONCRETE THICKNESS SHALL BE 9" FOR ALL ALLEY ENTRANCES. WATER SERVICE TAP AND/OR WATER METER SHALL NOT BE INSTALLED WITHIN AN ALLEY ENTRANCE, EXISTING UTILITES SHALL BE RELOCATED IF IN CONFLICT WITH NEW ENTRANCE.
DETAIL NO. 301 - VALVES THAT ARE "IN-LINE" MAY HAVE MECHANICAL JOINTS ENDS, VALVES AT LINE INTERSECTIONS SHALL BE FLANGED DIRECTLY TO THE FITTING, ANY VALVE WHICH APPEARS TO BE WITHIN 25' OF THE PIPE INTERSECTION SHOWN OR INDICATED ON PLAN SHALL BE FLANGED TO THE TEE, CROSS OR ELBOW, UNLESS OTHERWISE SPECIFIED ON THE PLAN.
DETAIL NO. 340 - DIMENSION IS 5' MINIMUM OF (DISTANCE AS REQUIRED BY TAPPING AGENCY)
DETAIL NO. 390 - USE TYPE "B" CURB STOP WITH FLUSHING PIPE ONLY.
DETAIL NO. 391-1 - USE TYPE "C" VALVE BOX INSTALLATION, TYLER AND RICH ONLY. NONLOCKING DEEP SHOULDERED VALVE BOX COVERS ARE ACCEPTABLE.
DETAIL NO. 420,520-522 - ALL MANHOLES SHALL BE 5' IN DIAMETER WITH NO STEPS.
DETAIL NO. 440 - USE TYPE "A" SEWER BUILDING CONNECTION ONLY. NO SEWER TAPS SHALL BE ALLOWED IN MANHOLES OR CLEANOUTS.
DETAIL NO. 441 - NO SEWER TAPS SHALL BE ALLOWED IN CLEANOUTS.
DETAIL Nos. 531 & 532 - ALL CATCH BASINS SHALL BE PER DETAIL Nos. 531 & 532 UNLESS APPROVED BY THE CITY ENGINER. MULTIPLE CATCH BASINS SHALL BE CONSTRUCTED BY INSTALLING CATCH BASINS SIDE BY SIDE WITH THE BOTTOM 1.5' OF THE COMMON WALL REMOVED AND TWO #4 REBAR INSTALLED IN THE BOTTOM EDGE OF THE COMMON WALL.

REFER TO TEMPE STANDARD DETAILS

DETAIL Nos. T-303 TO T-306 - (DEPTH OF BASE COURSE CHARTS) CHARTS TO BE USED ONLY WHEN "AASHTO INTERIM GUIDE FOR DESIGN OF FLEXIBLE STRUCTURES" PROCEDURE NOT REQUIRED.

DETAIL Nos. T-322 TO T-328, T-348 TO T-351 RAMP PREFERENCE:

- DIRECTIONAL RAMPS ARE PREFERRED AND SHOULD BE INSTALLED AT ALL INTERSECTIONS (PER DET. T-328) WHERE THERE IS ROOM FOR BOTH THE RAMPS AND THE REQUIRED 4-FOOT LANDING AREA. AT ARTERIAL-ARTERIAL INTERSECTIONS WHERE THERE IS NOT ROOM FOR THE FULL DIRECTIONAL RAMP TREATMENT, DIAGONAL RAMPS (PER DET. T-324) WITH A MINIMUM 8-FOOT WIDTH AND 4-FOOT LANDING ARE ACCEPTABLE, AND IF THERE IS NOT ROOM FOR THE LANDING, A BLENDED TRANSITION RAMP SHOULD BE USED (PER DET. T-326). AT ARTERIAL-TO-LOCAL INTERSECTIONS, IF THERE IS NOT ROOM FOR DIRECTIONAL RAMPS AND THEIR LANDINGS, THEN A BLENDED TRANSITION RAMP WILL BE PREFERRED (PER DET. T-326). DIAGONAL RAMPS MAY BE USED IF FOR SOME REASON A BLENDED TRANSITION IS NOT WORKABLE, BUT THE WIDTH OF A DIAGONAL RAMP AT THE CURB LINE SHOULD BE A MINIMUM OF 8-FEET.

GENERAL NOTES

- INSTALATION OF NEW UTILITIES ON EXISTING CONCRETE STRUCTURES (I.E. CATCH BASINS, MANHOLES, HEADWALLS, STANDPIPE, PIPES ETC.,) SHALL BE CORE DRILLED.
- UNLESS OTHERWISE NOTED ALL CONDUIT SHALL BE 2" MIN. PVC SCHEDULE 40 OR BETTER.
  INSTALLATION OR REPLACEMENT OF UTILITY CABLES TO BE SLEEVED IN SCHEDULE 40 PVC OR BETTER. CONDUITS SHOULD BE SIZED AND PLACED TO ALLOW REPLACEMENT OF OR THE ADDITION OF CAPACITY TO EXISTING FACILITIES WITHOUT DISTURBING THE SURFACE.
  CONDUITS IN PROTECTED AREAS SUCH AS BEHIND CURBS, IN SIDEWALKS, ETC, THAT ARE NOT SUBJECT TO VEHICULAR TRAFFIC SHALL BE AT A MINIMUM DEPTH OF 24 INCHES OR AS SPECIFIED IN EXHIBIT "C" OF THE CITY OF TEMPE UTILITY PERMIT MANUAL.
  CONDUITS INSTALLED UNDER ROADWAYS, DRIVEWAYS, PARKING LOTS OR ANY OPEN AREAS WHERE IT IS POSSIBLE FOR VEHICLES TO DRIVE, SHALL BE AT A MINIMUM DEPTH OF 24 INCHES OR AS SPECIFIED IN EXHIBIT "C" OF THE CITY OF TEMPE UTILITY PERMIT MANUAL.
  WHEN CONDUIT IN PROTECTED AND OPEN AREAS CANNOT BE INSTALLED AT THE MINIMUM DEPTHS, IT SHALL BE ENCASED IN CONCRETE A MINIMUM OF 3 INCHES.
- NO NEW POLES OR OVERHEAD LINES ALLOWED IN TEMPE PER TEMPE CITY CODE.
  REPAIR OF EXISTING OVERHEAD LINES TO MAINTAIN 18' MIN. FROM GROUND.
- DETAIL DRAWINGS ARE NOT TO SCALE.

APPROVED: _____ _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER
DATE

CITY OF TEMPE PUBLIC WORKS DEPARTMENT	GENERAL INFORMATION	DETAIL T-115 REVISED 2007