

EXHIBIT D

PLAN REVIEW CHECKLIST

The purpose of this checklist is to offer comments on the plans submitted for approval for a utility construction permit. This checklist serves to minimize redline comments on the plans and to maintain consistency among plan reviewers. Plan approval and issuing permits depend on compliance with Administrative Procedure 5.1.

CONSTRUCTION PLAN REQUIREMENTS

- EXISTING AND PROPOSED RIGHTS-OF-WAY AND ADJACENT EASEMENTS WITH DIMENSIONS. RIGHT-OF-WAY LINES SHALL BE LABELED "RW" OR "ROW"
- DIMENSIONED TIES TO MONUMENT LINES IN STREETS AND TO PROPERTY LINES IN ALLEY AND EASEMENTS
- IDENTIFY AND DIMENSION PAVING IMPROVEMENTS. A TYPICAL DETAIL IS SUFFICIENT FOR EVERY RIGHT-OF-WAY ON PLAN. DETAIL SHOULD INCLUDE LIP-OF-GUTTER, CURB, BACK OF SIDEWALK, AND FRONT OF SIDEWALK IF NOT ADJACENT TO THE CURB
- IN AREAS WITH NEW DEVELOPMENT ALL EXISTING AND PROPOSED PAVING IMPROVEMENT SHOULD BE SHOWN
- A SCALE OR DIMENSION ADEQUATE TO DEPICT RELATIONSHIPS AMONG THE PHYSICAL FEATURES WITHIN THE CONSTRUCTION SITE AND TO IDENTIFY POTENTIAL CONFLICTS. SCALE SHOULD BE NO SMALLER THAN 1"=40'
- ALL EXISTING AND/OR PROPOSED FACILITIES THAT THE PROPOSED CONSTRUCTION WOULD CROSS AND/OR PARALLEL WITHIN THE LIMITS OF THE RIGHT-OF-WAY
- STORM DRAINS, SANITARY SEWER LINES, WATER LINES, OVER 12" IN DIAMETER SHALL BE DRAWN TO SCALE. ALL CONDUIT SYSTEMS OVER 12" IN DIAMETER OR WIDE SHALL BE SHOWN TO SCALE IF PROPOSED CONSTRUCTION IS WITHIN 2' OF EXISTING CONDUIT SYSTEM
- LOCATIONS AND LIMITS OF PROPOSED CONSTRUCTION. CLEARLY DIFFERENTIATE BETWEEN CITY OF PHOENIX AND OTHERS' RIGHTS-OF-WAY
- AERIAL AND UNDERGROUND UTILITY CROSSINGS AT A 90 DEGREE ANGLE TO THE ROAD CENTERLINE
- CURRENT TOPOGRAPHY SHOWING WHAT EXISTS IN AREA OF PROPOSED CONSTRUCTION THAT WOULD BE AFFECTED BY THAT PROPOSED CONSTRUCTION
- VICINITY MAP INDICATING MAJOR CROSS STREETS
- NORTH ARROW, PREFERABLY WITH NORTH UP OR TO THE RIGHT
- A LEGEND SHOWING ALL SYMBOLS USED ON DRAWINGS
- BLUE STAKE NOTE OR SYMBOL
- STREET NAMES
- COMPLETED TITLE BLOCK INCLUDING JOB NUMBER AND COSTRUCION ADDRESS
- UTILITY COMPANY LOGO AND JOB NUMBER
- CITY OF PHOENIX GENERAL NOTES FOR UTILITY CONSTRUCTION (**EXHIBIT E**)
- TRENCH DETAIL SHOWING WIDTH AND DEPTH AND NUMBER OF CONDUIT OR PIPE DEPTH SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS IN "EXHIBIT C"
- STATIONING AND OFFSETS FOR ALL EXISTING AND PROPOSED FACILITIES WITHIN THE PROPOSED CONSTRUCTION SITE
- TOTAL LINEAR TRENCH/BORE FOOTAGE AND TOTAL LINEAR/BORE FOOTAGE IN THE RIGHT-OF-WAY
- JOINT TRENCH MUST IDENTIFY ALL COMPANIES IN TRENCH
- VARIANCE LETTERS FOR CLEARANCE LESS THAN SIX-FEET FROM WATER AND/OR SEWER MAINS AND THREE-FEET FROM SERVICES; INCLUDES PRIVATE DRIVES PER CITY OF PHOENIX STANDARD DETAIL P1020-2
- ALL PROPOSED EQUIPMENT DETAILS SHOWN AND DIMENSIONED ON PLAN SUCH AS PEDESTALS, TRANSFOMERS & PADS, SWITCHING CABINETS, MANHOLES, ETC.

PROFILE REQUIREMENTS

- ❑ ELEVATIONS TAKEN FROM EXISTING SURFACE GRADE AT INTERVALS OF 100' OR LESS IN THE SAME ALIGNMENT AS PROPOSED CONSTRUCTION
- ❑ CONTINUOUS LINE ON THE PLANS THROUGHOUT THE PROJECT
- ❑ FINISH AND/OR NATURAL GRADE PROFILE IF IT IS WITHIN THE PROPOSED CONSTRUCTION SITE
- ❑ IDENTIFY ALL EXISTING AND PROPOSED FACILITIES THAT THE PROPOSED CONSTRUCTION WOULD CROSS
- ❑ STORM DRAINS, SANITARY SEWER LINES, WATER LINES, AND CHILLED WATER LINES OVER 12" IN DIAMETER SHALL BE SHOWN DRAWN TO SCALE
- ❑ ALL CONDUIT SYSTEMS OVER 12" IN DIAMETER OR HEIGHT SHALL BE SHOWN TO SCALE IF PROPOSED CONSTRUCTION IS WITHIN 2' OF EXISTING CONDUIT SYSTEM
- ❑ VERTICAL SCALE THAT ADEQUATELY DEPICTS INSTALLATION OF EXISTING FACILITIES. 1" = 2' OR 1" = 5'
- ❑ ELEVATIONS SHALL BE CITY OF PHOENIX DATUM AND INDICATED ON PLANS
- ❑ HORIZONTAL SCALE ADEQUATE TO IDENTIFY CONFLICTS, NO SMALLER THAN 1" = 40' IS ACCEPTABLE

SPECIAL REQUIREMENTS

- ❑ MINIMUM OVERHEAD CLEARANCE SHALL BE 18'
- ❑ THE MAG STANDARD SPECIFICATIONS AND DETAILS, INCLUDING CURRENT CITY OF PHOENIX SUPPLEMENTS WILL BE FOLLOWED FOR THE INSTALLATION OF BOTH UNDERGROUND AND OVERHEAD FACILITIES. PERMITS FOR OVERHEAD LINES MUST COMPLY WITH ANY AGREEMENTS WITH LICENSED OR FRANCHISED UTILITY COMPANIES

ABOVE GROUND STRUCTURES

- ❖ ALL STRUCTURES HEIGHT, WIDTH, LENGTH MUST BE DIMENSIONED

CABINETS UNDER THREE-FEET IN HEIGHT

- ❑ NO STRUCTURE TO EXCEED 36-INCHES IN HEIGHT IN FRONT YARD OF RESIDENTIAL HOMES
- ❑ DIMENSIONS OF STRUCTURE
- ❑ EIGHTEEN INCH SETBACK FROM BACK OF SIDEWALK TO FACE OF STRUCTURE
- ❑ FLUSH TO SIDEWALK ELEVATION IF ADJACENT TO SIDEWALK
- ❑ PAD SIZE AND LOCATION IN DETAIL

CABINETS OVER THREE-FEET IN HEIGHT.

- ❑ NO FRONT YARD PLACEMENT OF STRUCTURES OVER 36-INCHES IN HEIGHT ALLOWED.
- ❑ DIMENSIONS OF STRUCTURE
- ❑ THREE PICTURES (FRONT, LEFT AND RIGHT VIEWS) OF PROPOSED SITE WITH CONE AT PROPOSED STRUCTURE LOCATIONS
- ❑ FOUR PICTURES IF ALONG A REAR YARD IF STRUCTURE COULD POSSIBLY AFFECT SWIMMING POOLS, ETC.
- ❑ PAD SIZE AND LOCATION IN DETAIL
- ❑ STRUCTURE CANNOT BE PLACED IN SIGHT-TRIANGLE