

NOTES:

- . FOR WATER MAIN GENERAL NOTES, CONSTRUCTION SEQUENCING NOTES, LOCATION PLANS AND PROFILE AND WATER MAIN AND STRUCTURE DETAILS, SEE SHEET NOS, 238 THROUGH 245.
- RISER SHAFT FOR THE RELOCATED WATER MAIN SHALL BE DESIGNED AND CONSTRUCTED OF PRECAST REINFORCE CONCRETE TO THE MINIMUM REDUIREMENTS SHOWN ON THE DRAWINGS. SPECIAL PROVISION FOR PRECAST CONCRETE RISER, REQUIRED REFERENCES AND AS SHOWN. AT CONTRACTOR'S OPTION, RISER SHAFT MAY BE CONSTRUCTED OF CAST-IN-PLACE CONCRETE.
- RISSE SHAET, PIPE SUPPORTS AND THRUST RESTRAINTS FOR THE RELOCATED WATER MAIN, INCLUING EMBEDMENTS INTO RISSER STRUCTURE AND ALL CONNECTIONS SHALL BE DESIGNED BY AN ILLUNOS LICENSED STRUCTURAL ENGINEER EMB-USED THE CONTRACTOR. CONTRACTOR SHALL SEMBLY ESTONED BY THE CONTRACTOR'S LINCHISS LICENSED STRUCTURAL ENGINEER.
- TEST PRESSURE FOR WATER MAINS = 100 PSI, THRUST RESTRAINTS AND RISER SHALL BE DESIGNED FOR 1.5 TIMES THE MAXIMUM TEST PRESSURE.
- ALL REINFORCING BARS SHALL BE EPOXY COATED. ASTM A615. GRADE 60.
- . CONCRETE STRENGTH SHALL MEET OR EXCEED 5000 PSI AT 28
- EXTERIOR SURFACES OF RISER SHAFT SHALL BE WATERPROOFED FOR WATERTIGHT STRUCTURE.
- CONCRETE COVER:
 - g. CONCRETE PLACED AGAINST EARTH 3"
 - b. CONCRETE IN CONTACT WITH EARTH OR WATER 2"
- 9. SOFT CLAYS OCCUR. IN THE SOIL PROFILE FOR THE BORINGS IN THIS AREA. CONTRACTOR SHALL REVIEW GOTCENICAL REPORT AND BORING LOSS. IN THIS SELECTION OF METHODS TO SUPPORT AND THOUSE RESTRACTING. SUBJECT AND THE STANDING SUBJECT AND THE STANDING SUBJECT AND THE SHALL MOT BE FERMITTED TO ENTER THE EXCAVATION. THE CONTRACTOR SHALL COMPLY WITH THE RECOGNERACION OF THE CHY OF CHICAGO, NOLLUDING, BUT NOT LIMITED TO THE CITY OF CHICAGO, NOLLUDING, BUT NOT LIMITED TO, THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF CHICAGO, NOLLUDING, BUT NOUGH AND THE OPPRIEST OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF CHICAGO, NORDEROR SHALL COMPLY NOUGH AND THE OPPRIEST OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OFFICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE OPPICE OF THE CHICAGO DEPARTMENT OF TRANSPORTATION COOTT, THE CHICAGO DEPARTMENT OF THE CHICAGO DEPARTMENT OF THE CHICAGO DEPARTMENT OF THE CHICAGO DEPARTME
- 10. DURING CONSTRUCTION, SOFT CLAY IS EXPECTED AT THE BASE OF THE EXCAVATION, THE FOUNDATION SOIL MAY BECOME UNSTABLE DURING CONSTRUCTION AND THE CONTRACTOR MAY REQUIRE A MORKING PLATFORM TO PROPERLY CONSTRUCT. THE PRECAST RISER SHAFT, THE MEED FOR A MORKING PLATFORM TO PROPERLY CONSTRUCT THE PRECAST RISER SHAFT SHAFL BE CONSIDERED INCLUDED WITHIN THE COST OF THE PRECAST CONNECTE RISER.
- 1. EXACT LOCATIONS OF EXISTING WATER MAINS AND EXISTING BELOW GROSS STRUCTURES NO UTILITIES SHALL BE DETERMINED IN THE FIELD PRIGHT TO EXCAVATION FOR MATER DETERMINED IN THE FIELD PRIGHT TO EXCAVATION FOR MATER AND UTILITIES DUE TO FIELD CONDITIONS ENCOUNTERED THAT WILL IMPACT CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERS ON AS AND TO BEAR CONSTRUCTION, AND UTILITIES AND SUDGESTED SOLUTIONS TO RESOLVE THE CONFLICT FOR ENGINEER REVER AND APPROVAL ANY CHANGES REQUIRED AS A MESULT OF FIELD COMPUTED THE OFFICE AND APPROVALED WITH AND APPROVALED STRUCTURED STRUCTURE OF AN OFFICE AND APPROVAL THE CONFLICT FOR ENGINEER REVER AND APPROVAL ANY CHANGES REQUIRED AS A MESULT OF FIELD CONFLICT FOR ENGINEER REVER AND APPROVAL ANY CHANGES REQUIRED AS A MESULT OF FIELD CONFLICT FOR STRUCTURE AND APPROVALED STRUCTURE COST OF THE SESSION FOR ANY TEXT.
- 12. CONTRACTOR SHALL PROTECT EXISTING BURIED AND ABOVE GROUND STRUCTURES AND UTILITIES THAT ARE TO REMAIN DURING CONSTRUCTION OF THE WATER MAIN AND RISER SHAFT. THE COST OF SUCH PROTECTION SHALL BE INCLUDED WITHIN THE COST OF SUCH PROTECTION SHALL BE INCLUDED WITHIN THE COST OF THE IG-INCH WATER MAIN RELOCATION PAY ITEM.
- ALL WORK TO CONFORM TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, UNLESS OTHERWISE SPECIFIED. USE MORE STRINGENT REQUIREMENT WHERE REQUIREMENTS CONFLICT.

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