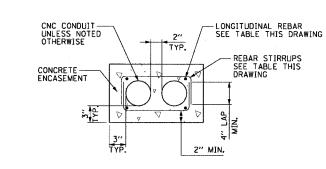


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NOTES:

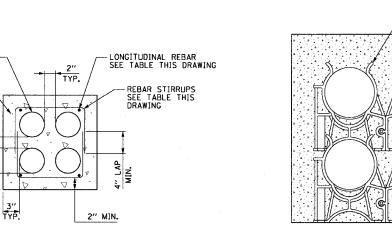
- 1. SEE DRAWING ME-O1 AND ME-O2 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- 2. PROVIDE MINIMUM CLEARANCE SHOWN FROM TOP OF DUCTBANK TO FINISHED GRADE FOR ALL DUCTBANKS, REGARDLESS OF SIZE, CONTRACTOR MUST INSTALL DUCTBANKS SUCH THAT THEY WILL CLEAR ALL UNDERGROUND OBSTACLES.
- 3. TRENCH MUST HAVE MINIMUM WIDTH SHOWN FOR ALL DUCTBANKS DETAILED ON THIS DRAWING. THE CONTRACTOR MUST INCREASE TRENCH WIDTH FOR ADDITIONAL CONDUITS, AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST.
- 4. NOT ALL DUCTBANK CONFIGURATIONS ARE SHOWN.
 ALL DUCTBANKS INSTALLED UNDER THIS
 CONTRACT WILL CONFORM TO THE TYPICAL
 SPACINGS SHOWN ON THIS DRAWING.



2x1 DUCTBANK DETAIL-IN REINFORCED CONCRETE ME-11B NOT TO SCALE

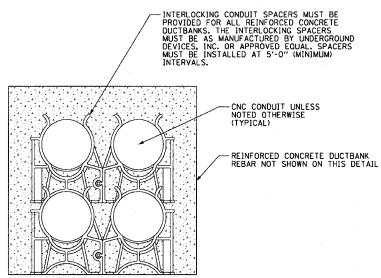
CNC CONDUIT ----UNLESS NOTED OTHERWISE

CONCRETE --ENCASEMENT

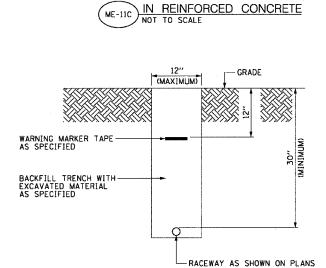


ME-11H

2x2 DUCTBANK DETAIL-IN REINFORCED CONCRETE ME-11D



INTERLOCKING CONDUIT SPACER DETAIL



CNC CONDUIT — UNLESS NOTED OTHERWISE

CONCRETE — ENCASEMENT

ME-11A

CNC CONDUIT ---UNLESS NOTED OTHERWISE

CONCRETE — ENCASEMENT

-LONGITUDINAL REBAR SEE TABLE THIS DRAWING

REBAR STIRRUPS SEE TABLE THIS DRAWING

LONGITUDINAL REBAR SEE TABLE THIS DRAWING

REBAR STIRRUPS SEE TABLE THIS DRAWING

2" MIN.

2" MIN.

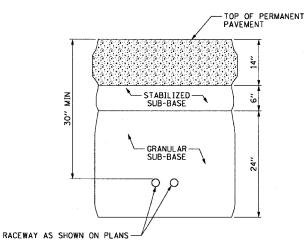
1x1 DUCTBANK DETAIL-

3x1 DUCTBANK DETAIL-

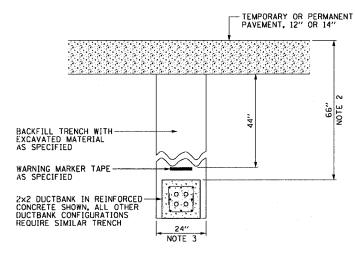
NOT TO SCALE

IN REINFORCED CONCRETE

TYPICAL ELECTRICAL CONDUIT IN UNPAVED AREA ME-11E



TYPICAL SURVEILLANCE CONDUIT UNDER PERMANENT PAVEMENT ME-11F NOT TO SCALE



TYPICAL ELECTRICAL DUCTBANK UNDER PAVEMENT ME-11G NOT TO SCALE

DUCTBANK REINFORCEMENT TABLE									
DUCTBANK	LONGITUDINAL REBAR	REBAR STIRRUPS							
CONCRETE CROSS- SECTIONAL AREA SQ. INCHES	BARS								
LESS THAN 450	#4	#3 AT 12" SPACING							
451 TO 650	* 5	#3 AT 12" SPACING							
GREATER THAN 651	*6	#3 AT 12" SPACING							

ME-11

ON	THE THOIS DEPARTMENT OF TRANSPORTATION						REVISIONS	
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KCM	DRAWN BY:	SCALE	T TO	: 1	SCALE:			
WDS	CHECKED BY:	29. 2004	ober	0	DATE			
	ίΥ)	N RYAN EXPRESSWAY) REET TO 1-57 DUCTBANK DETAILS DRAWN BY: KCM	/94 (DAN RYAN EXPRESSWAY) 31s† STREET TO I-57 RICAL DUCTBANK DETAILS SCALE DRAWN BY: KCM	J. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO 1-57 ELECTRICAL DUCTBANK DETAILS NOT TO SCALE DRAWN BY: KCM	.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO I-57 ELECTRICAL DUCTBANK DETAILS NOT TO SCALE DRAWN BY: KCM	ELECTRICAL DUCTBANK DETAILS SCALE: NOT TO SCALE DRAWN BY: KCM	DATE F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO 1-57 ELECTRICAL DUCTBANK DETAILS SCALE: NOT TO SCALE DRAWN BY: KCM	F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO 1-57 ELECTRICAL DUCTBANK DETAILS SCALE: NOT TO SCALE DRAWN BY: KCM

CTE ENGINEERS CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC. 303 EAST WACKER DRIVE, SUITE 600 CHICAGO ILLINOIS 60601-5212, PHONE: (312) 938-0300