CAST IN PLACE CONCRETE
TOP SLAB THICKNESS & REINFORCING

SEE PLAN ON DETAIL W/4.00

Q	T	"X" BARS	"Y" BARS	"Z" BARS
4'-0"	8"	#7@8"C/C	#5@6"C/C	#5@6"C/C
5'-0"	9"	#7@7"C/C	#5@6"C/C	#6@6"C/C
6'-0"	10"	#7@7"C/C	#5@6"C/C	#6@6"C/C
7'-0"	11"	#7@7"C/C	#5@6"C/C	#6@6"C/C
8'-0"	12"	#7@7"C/C	#5@6"C/C	#6@6"C/C
9'-0"	13"	#7@7"C/C	#5@6"C/C	#6@6"C/C
10'-0"	14"	#7@6"C/C	#6@8"C/C	#6@6"C/C

PRECAST CONCRETE
TOP SLAB THICKNESS & REINFORCING

Q	T	"X" BARS	"Y" BARS	"Z" BARS
4'-0"	8"	#6@7"C/C	#6@9"C/C	#6@8"C/C
5'-0"	8"	#7@6"C/C	#6@7"C/C	#6@8"C/C
6'-0"	9"	#7@6"C/C	#6@7"C/C	#6@6"C/C
7'-0"	10"	#7@6"C/C	#6@7"C/C	#6@6"C/C
8'-0"	11"	#7@6"C/C	#6@7"C/C	#6@6"C/C
9'-0"	11"	#8@7"C/C	#6@6"C/C	#6@6"C/C
10'-0"	12"	#8@7"C/C	#6@6"C/C	#6@6"C/C

NOTES:

1. LOADING:
   A. CAST IN PLACE CONCRETE: TOP SLABS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADING CONDITIONS:
      1. H20LL + 20% IMPACT + 1'-0" EARTH COVER.
      2. H20LL + 0% IMPACT + 8'-0" MAXIMUM EARTH COVER.
   B. PRECAST CONCRETE: TOP SLABS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADING CONDITIONS:
      1. H20LL + 20% IMPACT + 1'-0" EARTH COVER.
      2. H20LL + 0% IMPACT + 5'-0" MAXIMUM EARTH COVER.
2. CAST IN PLACE CONCRETE: f'c = 4000 PSI @ 28 DAYS.
3. PRECAST CONCRETE: f'c = 5000 PSI @ 28 DAYS.
4. REINFORCING STEEL: ASTM A615 - GRADE 610

CHARLES COUNTY GOVERNMENT	STANDARD DETAIL	REVISIONS:	
DEPARTMENT OF PLANNING & GROWTH MANAGEMENT APPROVED: 6/29/95 DIRECTOR OF DEVELOPMENT SERVICES DATE 6/29/95 WATER / SEWER ENGINEER DATE	CAST IN PLACE & PRECAST CONCRETE TOP SLAB REINFORCING DETAILS		W 4.01