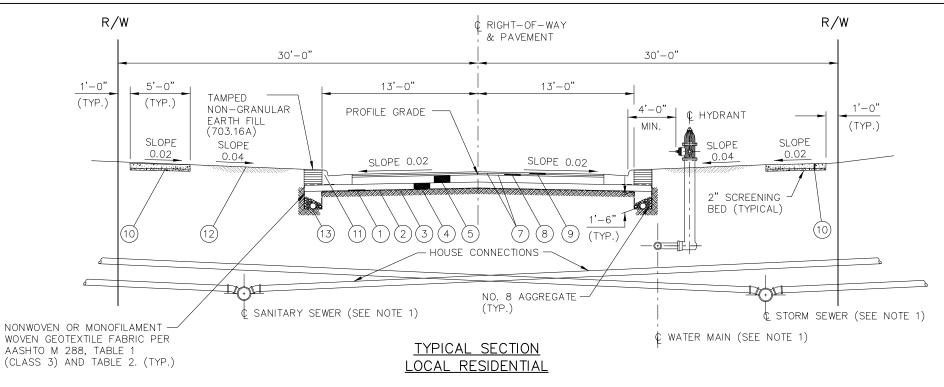
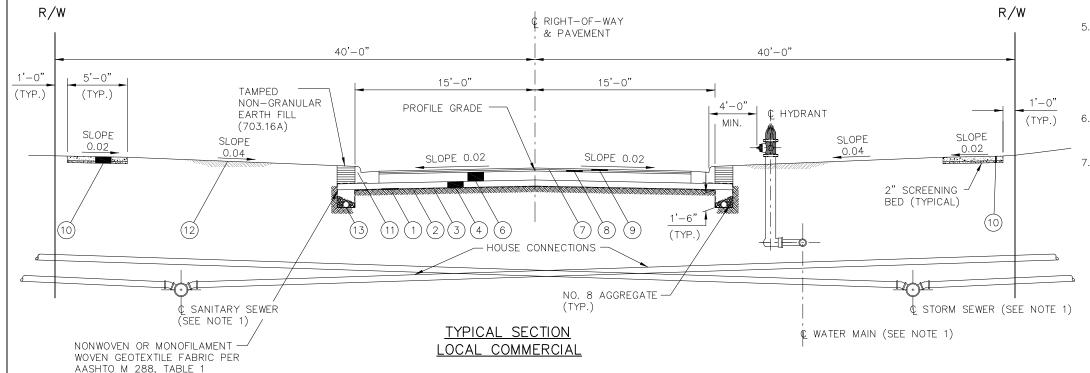
## **NOTES**

- 1. MAIN LINE TRENCHES SHALL BE LOCATED IN THE TREE LAWN AREA, CLEAR FROM BENEATH THE PAVEMENT/UNDERDRAIN TRENCH AND SO THAT MANHOLE CASTINGS ARE KEPT OUT OF THE SIDEWALK. EXACT LOCATIONS AND DEPTHS OF SANITARY SEWERS AND WATER MAINS ARE AS APPROVED BY THE CUYAHOGA COUNTY SANITARY ENGINEER AND THE CITY OF CLEVELAND DIVISION OF WATER (OR OTHER APPLICABLE WATER AUTHORITY) AND AS SHOWN ON THE PLANS. DETAILED MATERIAL AND CONSTRUCTION SPECIFICATIONS FOR ALL STORM AND SANITARY INSTALLATIONS SHALL CONFORM TO THE CURRENT "UNIFORM STANDARDS FOR SEWERAGE IMPROVEMENTS" INCLUDING ALL ADDENDUMS. DETAILED MATERIAL AND CONSTRUCTION SPECIFICATIONS FOR ALL WATERWORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE CITY OF CLEVELAND DIVISION OF WATER OR OTHER APPLICABLE WATER AUTHORITY.
- 2. CONCRETE DRIVE APRONS (WITHIN THE RIGHT OF WAY) SHALL BE CONSTRUCTED (BY THE BUILDER) IN ACCORDANCE WITH THE CUYAHOGA COUNTY ENGINEER'S CONSTRUCTION DRAWING BP-4.1C.
- 3. ALL GRADING WITHIN THE PROPOSED RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH O.D.O.T. ITEM 203 ROADWAY EXCAVATION AND EMBANKMENT. USE OF SLAG, IN ANY FORM, IS NOT PERMITTED.
- 4. THE LAST TEN (10) FEET OF EACH RUN OF UNDERDRAIN SHALL BE OUTLETTÉD WITH O.D.O.T. "ITEM 611 - 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, AS PER PLAN." THE INVERT OF THE UNDERDRAIN OUTLET STRUCTURE SHALL BE A MINIMUM OF SIX (6) INCHES BELOW THE "TYPE F" OUTLET CONDUIT FLOW LINE.
- 5. IT IS REQUIRED TO SEAL (705.04) ALL TRANSVERSE JOINTS IN COMBINATION CURB AND GUTTER. SECTION 609.04 (A) IS HEREBY MODIFIED ACCORDINGLY. COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN IS REQUIRED ON ALL FLEXIBLE SUBDIVISION STREETS AND SHALL BE CUT/LOWERED IN CONFORMANCE WITH CUYAHOGA COUNTY STANDARD CONSTRUCTION DRAWING BP-4.1C PRIOR TO PLACING THE APRON.
- 6. ANY DEVIATION FROM THESE MINIMUM STANDARDS MUST BE APPROVED IN WRITING BY THE CUYAHOGA COUNTY ENGINEER AND SHOWN ON THE PLANS.
- 7. NOTE TO DESIGNER:
- PLAN SUBGRADES. THE DEVELOPER'S DESIGN ENGINEER AND GEOTECHNICAL ENGINEER ARE RESPONSIBLE FOR IDENTIFYING THE METHOD(S), LOCATION(S) AND DIMENSIONS, INCLUDING DEPTH(S), OF ANY SUBGRADE STABILIZATION REQUIRED; ALL IN ACCORDÁNCE WITH ODOT'S CURRENT "GEOTECHNICAL BULLETIN 1 (GB1)" FOR "PLAN SUBGRADES" AND TO THE SATISFACTION OF THE PROJECT ENGINEER. WHERE PERMISSABLE PER THE "GB1" BULLETIN GUIDELINES, LIME (ITEM 206), CEMENT (ITEM 206) OR MECHANICAL STABILIZATION (GEOGRID MATERIAL PER 204.02, 204.07B, AND 712.15) MAY BE USED IN LIEU OF UNDERCUTTING OR TO OR TO REDUCE UNDERCUTTING, ALL IN ORDER TO PROVIDE THE REQUIRED COMPACTED STABLE SUBGRADE. WHERE CEMENT STABILIZATION IS USED/DESIGNED IN ACCORDANCE WITH THE "GB1" BULLETIN GUIDELINES, THE DEPTH OF THE SUBBASE (ITEM 304) MAY BE REDUCED TO FOUR (4) INCHES AND THE SUBGRADÉ GEOTEXTILE FABRIC (ITEM SPÈCÍAL) MAY BE DELETED THE DEVELOPER'S ENGINEER SHALL APPROPRIATELY MODIFY THE PLAN DETAILS/NOTES TO REFLECT THE ACTUAL PLAN SUBGRADE TREATMENTS DESIGNS INTENDED.
- 8. PROVIDE PAVEMENT THICKNESS DESIGN CALCULATIONS TO CERTIFY ACTUAL THICKNESS REQUIRED.





ITEM 204 - SUBGRADE COMPACTION (SEE NOTE 7)

**LEGEND** 

- PROOF ROLLING ITEM 204 (SEE NOTE 7)

(CLASS 3) AND TABLE 2. (TYP.)

- ITFM 204 - GEOGRID -OR-- SUBGRADE GEOTEXTILE FABRIC ITEM SPECIAL (SEE NOTE 7)
- (4) ITEM 304 - AGGREGATE BASE, AS PER PLAN (6") (SEE NOTE 7)
- ASPHALT CONCRETE BASE, PG 64-22, ITEM 302 AS PER PLAN (6")
- ASPHALT CONCRETE BASE, PG 64-22, ITEM 302 AS PER PLAN (9" MIN. TWO EQUAL LIFTS) (SEE NOTE 8)
- (7) ITEM 407 - TACK COAT

- ITEM 441 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN
- ITEM 441 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN
- ITEM 608 4" CONCRETE WALK, AS PER PLAN
- ITEM 609 COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (SEE NOTE 5)
- ITEM 659 SEEDING AND MULCHING, AS PER PLAN -OR-ITEM 660 - SODDING, AS PER PLAN
- ITEM 605 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC FABRIC, AS PER PLAN (SEE NOTE 4)

CUYAH	SUPPLEMENTAL CONSTRUCTION DRAWINGS			
	COUNTY CONSTRUCTION		STATE (O.D.O.T.) STANDARD	
MINIMU STANDA SUBDIVISI TYPE F	DATE	DWG. NO.	DATE	DWG. NO.
	11-15-17	BP-4.1C	01-18-19	BP-5.1
			07-17-20	BP-7.1
	03-01-21	MB-2C	01-15-16	DM-4.3
111 🗀 1	11-15-17	MD-1C	01-15-16	DM-4.4
STANDARI CONSTRUC DRAWING				

UYAHOGA COUNTY ENGINEER 10-10-08

DWG. NO. 1 OF 4

MINIMUM CONSTRUCTION TANDARDS FOR TOWNSHIP BDIVISION STREETS (LOCAL) YPE FLEXIBLE PAVÈMENT ANDARD NSTRUCTION

08-01-09 07-19-10 06-16-11 11-15-13 11-15-17 12-02-19 03-01-21





 $\oplus$ 

