

1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
2. REFER TO BUILDING PLANS FOR SUBGRADE AND UTILITY TRENCHES WITHIN 5' OF THE BUILDING ENVELOPE.
3. FINISH LAWN AREAS TO WITHIN ONE INCH ABOVE OR BELOW REQUIRED SUBGRADE ELEVATIONS. SHAPE SURFACE UNDER WALKS AND PAVEMENTS TO LINE, GRADE, AND CROSS SECTION, WITH NOT MORE THAN 1/2" ABOVE OR BELOW REQUIRED SUBGRADE ELEVATION.
4. SPREAD TOPSOIL TO A UNIFORM COMPACTED DEPTH OF 2" ON 3:1 OR STEEPER SLOPES AND 4" OVER ALL OTHER DISTURBED AREAS NOT RECEIVING WALKS, PAVED WALLS OR BUILDING, INCLUDING TRENCHES (SEE TABLE 3.30-4). CARE SHALL BE TAKEN ENSURE PROPER BONDING AND NOT TO APPLY TOPSOIL TO SUBSOIL IF THE TWO SOILS HAVE CONTRASTING TEXTURES (CLAYEY VS. SANDY). IMMEDIATELY FOLLOWING PLACEMENT OF TOPSOIL, DISK THE ENTIRE TOPSOILED AREA AND REMOVE FREE OF STONES AND DEBRIS OVER 1/2" IN ANY DIMENSION. PROVIDE A FINISHED SURFACE FREE OF DEPRESSIONS OR HIGH SPOTS. SEED IMMEDIATELY.
5. ALL ROOF DOWNSPOUTS SHALL DISCHARGE TO A 6" HDPE ROOF DRAIN. ROOF DRAIN SHALL CONNECT UNDERGROUND TO AN 8" MIN. HDPE COLLECTION PIPE. DRAIN PIPES SHALL HAVE A MINIMUM SLOPE OF 1.0% AND DISCHARGE INTO STORM SEWER.
6. MINIMUM COVER OVER COLLECTION PIPES SHALL CONFORM TO MANUFACTURER'S STANDARD.
7. HANDICAP PARKING AREA SHALL HAVE A MAXIMUM SLOPE OF 1:48 IN ANY DIRECTION.
8. HANDICAP ACCESS ROUTE SHALL HAVE A MAXIMUM RUNNING SLOPE OF 1:20 AND A MAXIMUM CROSS SLOPE OF 1:48 IN ACCORDANCE WITH ADA GUIDELINES. RAMPS SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.

1	56.83 LF OF 15" ASTM C 443 CLASS III RCP @ 1.58% INV. UPPER=2159.30 INV. LOWER=2159.00 W/DOOT EW-1 ENDWALL	7	72.00 LF OF 15" TYPE S HDPE @ 3.33% INV. UPPER=2173.29 INV. LOWER=2170.89
2	48" DIA RISER STRUCTURE OUTLET CONTROL FLOW STRUCTURE SEE DETAIL SHEET C12 TOP=2164.00 15" INV. OUT=2159.90	8	DI=1 W/ST-1 TOP=2178.22 H=4.93' 15" HDPE IN=2173.39 15" HDPE OUT=2173.29
3	97.26 LF OF 15" TYPE S HDPE @ 8.01% INV. UPPER=2170.79 INV. LOWER=2163.00	9	65.45 LF OF 15" TYPE S HDPE @ 0.81% INV. UPPER=2173.92 INV. LOWER=2173.35
4	48" MH-2 W/ ST-1 TOP=2179.06 H=8.27' 15" HDPE IN=2171.89 15" HDPE IN=2171.89 15" HDPE OUT=2170.79	10	48" MH-2 W/ ST-1 TOP=2178.88 H=4.96' 15" HDPE IN=2174.02 15" HDPE OUT=2173.92
5	112.96 LF OF 15" TYPE S HDPE @ 3.80% INV. UPPER=2175.18 INV. LOWER=2170.89	11	185.20 LF OF 15" TYPE S HDPE @ 0.61% INV. UPPER=2175.15 INV. LOWER=2174.02
6	DI=1 TOP=2178.85 H=3.67' 15" HDPE OUT=2175.18	12	DI=1 TOP=2178.15 H=3.00' 15" HDPE OUT=2175.15

