



1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT SUBMITTED IN THIS PLAN. SET THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOIL, FILLING OR UNSUITABLE MATERIALS, AND REMOVING AND REPLACING SUBGRADE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557. MOISTURE CONTENT IN TOP OF PLACEMENT SHALL NOT EXCEED 2% ABOVE W.P. OR 3% BELOW OPTIMUM. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTING AND FINISHING ALL AREAS TO BE PAVED. ALL AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE SOILS REPORT.

2. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHICAL INFORMATION AND UTILITY NETWORK ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MIN. SLOPE AGAINST ALL ISLAND CURBS, CURBS AND 1.0% ON ALL CONCRETE SURFACES, AND 1-1/2% MIN. ON ASPHALT. SUBGRADE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL. FILL SHALL BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITH DESIGN DISCREPANCIES IS DONE SO AT THE CONTRACTOR'S OWN RISK.

3. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FILL ADJUST TO CREATE A MIN. OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION.

4. SUBGRADE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBGRADE BE DETERMINED UNSUITABLE, IT IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).

5. REFER TO SITE PLAN FOR ADDITIONAL NOTES.

6. IN CASE OF DISCREPANCIES BETWEEN PLANS, THE SITE PLAN WILL SUPERSEDE IN ALL CASES. CONTRACTOR MUST NOTIFY ENGINEER OF RECORD OF ANY CONFLICT IMMEDIATELY.

7. MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.

8. CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS IN AREA PARKING SPACES AND ADA ACCESS AREAS. CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS, EXCEPT ALONG ALL OTHER PORTIONS OF ACCESSIBLE ROADS WITH THE EXCEPTION OF RAMP AND CURB RAMP. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING CONSTRUCTION IN ADA AREAS WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.

9. THE OWNER SHALL BURN DYNAMIC EARTH. (LSC 898-7095) OR ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PERMEABILITY AND PROVIDE CONSTRUCTION PHASE INSPECTIONS OF THE BASIN BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE WITH THE DESIGN INTENT.

10. CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE, OR OVERLY COMPACT SOIL, OR ROCK AS NECESSARY TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE AN IN PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN INTENT.

11. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONSTRUCTION OF EXISTING AND REMOVED MATERIALS AND TO SCHEDULE INSPECTIONS FOR BOTTOM OF BASIN, REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FILL PERMEABILITY.

12. THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DIFFERENTLY ELSEWHERE IN THE CONTRACT DOCUMENTS.

PROPERTY LINE (PARCEL IN QUESTION)  
OFF-SITE PROPERTY LINES

— C — C — C — EXIST. CABLE LINE  
— E — E — E — EXIST. ELECTRIC LINE  
— FO — FO — FO — EXIST. FIBER OPTIC LINE  
— FUEL — FUEL — FUEL — EXIST. FUEL LINE  
— OH — OH — OH — EXIST. OVERHEAD WIRES  
— T — T — T — EXIST. TELEPHONE LINE  
— UGET — UGET — UGET — EXIST. UNDERGROUND ELEC./TELE. SERVICE  
(NO. & SIZE OF CONDUITS NOT DEFINED)

— W — W — W — EXIST. WATER LINE  
— S — S — S — EXIST. SANITARY SEWER LINE  
— STORM — STORM — STORM — EXIST. STORM DRAIN LINE  
— MINOR — MINOR — MINOR — EXIST. MINOR CONTOUR & ELEVATION  
— MAJOR — MAJOR — MAJOR — EXIST. MAJOR CONTOUR & ELEVATION  
— MONITORING — MONITORING — MONITORING — EXIST. MONITORING WELL

APPROX. TEST PIT LOCATION

EXIST. SPOT ELEVATIONS  
EXIST. GUTTER ELEV.  
EXIST. TOP OF CURB ELEV.  
EXIST. FINISH FLOOR ELEV.  
EXIST. GARAGE FLOOR ELEV.  
EXIST. FIRE HYDRANT  
EXIST. WATER VALVE  
EXIST. GAS VALVE  
EXIST. GAS METER  
EXIST. ELECTRIC METER  
EXIST. ELECTRIC BOX  
EXIST. CLEAN OUT  
EXIST. WELL  
EXIST. WATER SHUT OFF VALVE  
EXIST. TELEPHONE BOX  
EXIST. CABLE TV BOX  
EXIST. UTILITY POLE  
EXIST. GUY WIRE  
EXIST. LIGHT POLE  
EXIST. BUILDING LIGHT  
EXIST. SHOE BOX LIGHT  
EXIST. COSBA LIGHT POLE  
EXIST. TRAFFIC SIGNAL POLE  
EXIST. MANHOLE  
EXIST. "A" INLET  
EXIST. "B" INLET  
EXIST. "C" INLET  
EXIST. YARD INLET  
EXIST. FLARED END SECTION  
EXIST. HEADWALL

— C — C — C — PROP. CABLE LINE  
— E — E — E — PROP. ELECTRIC LINE  
— FO — FO — FO — PROP. FIBER OPTIC LINE  
— FUEL — FUEL — FUEL — PROP. FUEL LINE  
— OH — OH — OH — PROP. OVERHEAD WIRES  
— T — T — T — PROP. TELEPHONE LINE  
— UGET — UGET — UGET — PROP. UNDERGROUND ELEC./TELE. SERVICE  
(NO. & SIZE OF CONDUITS NOT DEFINED)

— W — W — W — PROP. WATER LINE  
— S — S — S — PROP. SANITARY SEWER LINE  
— STORM — STORM — STORM — PROP. STORM DRAIN LINE  
— FINISH GRADE CONTOUR & ELEVATION

PROP. GRADE SPOT ELEV.  
PROP. TOP OF CURB & FINISHED GRADE ELEV.  
PROP. FINISHED FLOOR ELEV.  
PROP. TOP OF WALL & FINISHED GRADE @ LOW SIDE OF WALL (ACTUAL BOTTOM OF WALL FLOWING BE ESTABLISHED BY WALL DESIGNER)  
PROP. TOP OF EXTENDED CURB, (OH) FINISHED GRADE @ HIGH SIDE OF EXTENDED CURB & (CL) FINISHED GRADE @ LOW SIDE OF EXTENDED CURB  
PROP. DIRECTION OF DRAINAGE FLOW ARROW  
PROP. WATER VALVE  
PROP. GAS VALVE  
PROP. STORM CLEANOUT  
PROP. SANITARY CLEANOUT  
PROP. AREA LIGHT  
PROP. OUTLET CONTROL STRUCTURE  
PROP. DRAINAGE MANHOLE  
PROP. SANITARY SEWER MANHOLE  
PROP. "A" INLET  
PROP. "B" INLET  
PROP. "C" INLET  
PROP. YARD INLET  
PROP. FLARED END SECTION  
PROP. HEADWALL

CL: 000.00  
TC: 000.00  
G: 000.00  
FF: 000.00  
TW: 000.00  
CL: 000.00  
TC: 000.00  
OH: 000.00  
CL: 000.00

DELAWARE LICENSE No. 17322	NEW JERSEY LICENSE No. 41805	DEC Client Code: 1084	Rev. # 0
COLORADO LICENSE No. 39848	PENNSYLVANIA LICENSE No. 77727		
VIRGINIA LICENSE No. 51627	NEW YORK LICENSE No. 087962		

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