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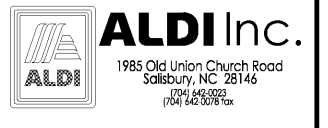
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 Project Name & Location:

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GENERAL NOTES:

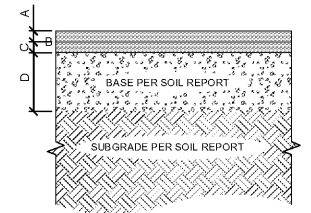
- A. ALL EXISTING UTILITIES, TOPOGRAPHY AND PROPERTY INFORMATION ARE TAKEN FROM A SURVEY OF LAND SITUATED IN THE TOWN OF CARY, COUNTY OF WAKE, STATE OF NORTH CAROLINA, BY SURVEYOR: HAWKEYE GEOMATICS, 135 1/2 MAIN STREET, OXFORD, NORTH CAROLINA, 27565.
- B. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- C. ALL CONSTRUCTION METHODS AND MATERIAL MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
- D. PROVIDE SMOOTH TRANSITION FROM NEWLY PAVED AREAS TO EXISTING PAVED AREAS AS NECESSARY. THE EXISTING EDGE OF PAVEMENT SHALL BE FREE OF ALL LOOSE DEBRIS AT ALL AREAS WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT. THE EDGE OF EXISTING ASPHALT PAVEMENT SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL AREAS WHERE NEW ASPHALT PAVEMENT IS INDICATED TO JOIN EXISTING.
- E. ALL PROPOSED SPOT ELEVATIONS SHOWN ARE TOP OF CURB AND FINAL GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
- F. CONTRACTOR TO VERIFY ALL EXISTING GRADES AND CONTACT ENGINEER PRIOR TO BEGINNING WORK IF DISCREPANCY IS FOUND. CONTRACTOR TO VERIFY ASSUMED FINISHED FLOOR ELEVATION PRIOR TO BEGINNING WORK.
- G. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- H. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND ADDITIONAL INFORMATION.
- I. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY ALL UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATION IS AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
- J. CONTRACTOR SHALL MAINTAIN A MINIMUM COVER OF 4' OVER PROPOSED WATER SERVICE.
- K. THERE SHALL BE A MINIMUM TEN-FOOT HORIZONTAL SEPARATION BETWEEN WATER TAPS, WATER SERVICES, PRIVATE SANITARY SYSTEMS, AND ANY SANITARY AND/OR STORM SEWER SYSTEMS, WHERE 10-FOOT HORIZONTAL SEPARATION CANNOT BE OBTAINED, THE BOTTOM OF THE WATER LINE SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
- L. SEE PLUMBING PLANS FOR CONTINUATION OF WATER LINE INTO BUILDING.

KEYED NOTES:

- 1 PROPOSED HEAVY DUTY ASPHALT PAVING. SEE DETAILS FOR THIS SHEET.
- 2 PROPOSED CONCRETE LOADING DOCK. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS.
- 3 EXISTING STAIRS TO BE REMOVED AND DISPOSED.
- 4 EXISTING BOLLARD (TYP. OF 2) TO BE REMOVED AND DISPOSED OF.
- 5 EXISTING LIGHT POLE TO REMAIN. CONVERT SURROUNDING CONCRETE PAVEMENT TO LANDSCAPE BED.
- 6 APPROXIMATE LOCATION OF UNDERGROUND ELECTRIC SERVICE. CONTRACTOR TO VERIFY LOCATION PRIOR TO BEGINNING CONSTRUCTION.
- 7 PROPOSED CONCRETE TO BE FINISH WITH ADJACENT PAVEMENT.
- 8 SAWCUT TO NEAREST JOINTS AND REMOVE CONCRETE PAVEMENT.
- 9 PROPOSED CONCRETE SIDEWALK. SEE STRUCTURAL PLANS FOR DETAILS.
- 10 EXISTING WATER METER TO REMAIN.
- 11 EXISTING 1" WATER SERVICE TO REMAIN.
- 12 PROPOSED 1" WATER METER PER UTILITY OWNER REQUIREMENTS.
- 13 PROPOSED 2" TYPE K COPPER DOMESTIC SERVICE LINE. INCLUDE IN BASE BID ALL VALVES, PIPING, STRUCTURES, ETC. THAT WILL BE REQUIRED.
- 14 CONTRACTOR TO LOCATE EXISTING WATER LINE FOR CONNECTION. CONTRACTOR TO COORDINATE LOCATION AND CONNECTION OF WATER SERVICE AND WATER METER WITH UTILITY OWNER PRIOR TO BEGINNING CONSTRUCTION.

LEGEND

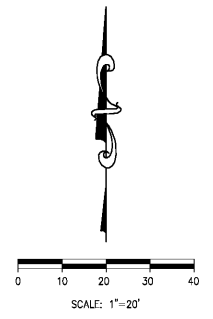
EXISTING	PROPOSED	DESCRIPTION
		CONCRETE LOADING DOCK
		HEAVY DUTY ASPHALT PAVEMENT
		LANDSCAPE BED
X 980.50 EX	X 980.50	TOP OF CURB
X 980.00 EX	X 980.00	TOP OF PAVEMENT
X 980.00 EX	X 980.00	FINISHED GRADE SPOT ELEVATION
0.50%	0.50%	GRADE SLOPE
--- 980 ---	--- 980 ---	MAJOR CONTOUR LINES
--- 981 ---	--- 981 ---	MINOR CONTOUR LINES
---	---	CONSTRUCTION LIMITS
---	---	FULL-DEPTH SAWCUT LINE
---	---	STORM LINE
---	---	SANITARY LINE
---	---	UNDERGROUND ELECTRIC LINE
---	---	WATER LINE
		WATER METER
		STORM CATCH BASIN
		STORM MANHOLE
		DOWNSPOUT
		SANITARY CLEANOUT
		SANITARY MANHOLE
		ELECTRIC TRANSFORMER
		LIGHT POLE/ BUILDING LIGHT
		TREE



HEAVY DUTY PAVING
 A = 2" ASPHALT CONCRETE (NCDOT SF 91SS SURFACE COURSE)
 B = TACK COAT (0.05 GAL/S. Y.)
 C = 2.5" ASPHALT CONCRETE (NCDOT B25.0B, INTERMEDIATE COURSE)
 D = 8" OF AGGREGATE BASE COMPACTED TO 100% MOD (NCDOT ABC)

NOTES:
 A. SUBGRADE COMPACTION: CBR=5
 B. BASE COURSE TO CONFORM TO NCDOT STANDARDS FOR BASE COURSE COMPACTED TO 100% OF THE MODIFIED PROCTOR (ASTM D-1557) MAXIMUM DRY DENSITY.
 C. ALL SUBGRADE AND PAVEMENT OPERATIONS AND MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS OF THE CURRENT NCDOT SPECIFICATIONS

A HEAVY DUTY ASPHALT PAVING
 101 N.T.S.



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