CCU - SCIENCE COMPLEX SIDEWALK
FOR
COASTAL CAROLINA UNIVERSITY

PROJECT SUMMARY

HORIZONTAL DATUM: NAD 83
VERTICAL DATUM: NAVD 88
BENCHMARK: XX
NPDES PERMIT: XX
PARCEL PIN #(#5): 383-08-03-0019
TOTAL PROJECT AREA = 0.52 ACRES

THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" AS SCALLED FROM F.I.R.M. No. 45051C0702 H, DATED AUGUST 23, 1999, THIS PLAT IS NOT THE BASIS FOR FLOOD ZONE DETERMINATION OR FLOOD ZONE RELATED ISSUES.

CONTRACTOR SHALL BE KNOWLEDGEABLE WITH LOCAL, CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AS THEY MAY PERTAIN TO THIS PROJECT AND SHALL ADHERE TO THESE REGULATIONS.

INFORMATION REGARDING THE PRESENCE, SIZE, CHARACTER, AND LOCATION OF ANY UNDERGROUND UTILITY AND/OR STRUCTURE SHOWN ON THIS PLAN IS APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UNDERGROUND UTILITIES LOCATED.
CONTRACTOR SHALL BE AWARE OF UTILITIES (DOMESTIC WATER, CHILLED WATER-SUPPLY/RETURN, GAS, FIBER, PRIVATE TELECOMMUNICATIONS) THAT RUN UNDER EXISTING PERVIOUS CONCRETE DRIVE. DEPTH OF EACH UTILITY VARIES. CONTRACTOR SHALL TAKE SPECIAL CARE WHEN REMOVING EXISTING PAVEMENT TO NOT DAMAGE EXISTING UTILITIES.
1. Contractor shall be aware of utilities (domestic water, chilled water, LP gas, fiber, private telecommunications, etc.) buried within the vicinity of the proposed work. Each utility owner shall provide written permission for the removal of their respective utility. Contractor shall, with the utilities present, identify the location of each utility and label the location with the utility owner's name. During any excavation, Contractor shall immediately notify the utility owner of any damage or exposed utility. 

2. Curbing damaged during construction shall be replaced at Contractor's expense. Details provided for informational purposes only.

3. Sunken manholes and utilities shall be installed at new grade ±20' all directions.

4. The A/E is responsible for providing plans and specifications for the installation of vehicular traffic signs and pavement markings.

5. During construction, protect existing curb at outer border ribbon.

6. Vertical File Dimensions at new curb: 12" (TYP).

7. Install 5' radius filet at each walk connection (TYP).

8. Tie into existing building during construction.

9. Protect existing sidewalk during construction.

10. Tie into existing sidewalk during construction.

11. Tie into existing building during construction.

12. Protect existing manhole during construction.

13. Replace existing ring and cover with new ring and east Jordan 1480M1 grate (SEE DETAIL).

14. Remove existing ring and cover, replace with new ring and east Jordan 1480M1 grate (SEE DETAIL).

15. Replace with new ring and east Jordan 1480M1 grate (SEE DETAIL).

16. Tie into existing sidewalk during construction.

17. Protect existing sidewalk during construction.

18. Tie into existing sidewalk during construction.

19. Protect existing sidewalk during construction.

20. Tie into existing sidewalk during construction.

21. Protect existing sidewalk during construction.

22. Protect existing sidewalk during construction.

23. Protect existing sidewalk during construction.

24. Protect existing sidewalk during construction.

25. Protect existing sidewalk during construction.

26. Protect existing sidewalk during construction.

27. Protect existing sidewalk during construction.
CONTRACTOR SHALL BE AWARE OF UTILITIES (DOMESTIC WATER, CHILLED WATER, DRAIN, CHILL WATER SUPPLY/RETURN, GAS, ELECTRIC, PRIVATE TELECOMMUNICATIONS) THAT RUN UNDER EXISTING CONCRETE DRIVE. DEPTH OF EACH UTILITY VARIES. CONTRACTOR SHALL TAKE SPECIAL CARE WHEN REMOVING EXISTING PAVEMENT TO NOT DAMAGE EXISTING UTILITIES.
**FLAT-BOTTOM TRENCH DETAIL**

**FILTER FABRIC INSTALLATION**

**TROWEL SURFACE SMOOTH**

'LIGHT' BROOM FINISH, DO NOT COMPACTED SUBGRADE

FIBER REINFORCED 3000 PSI CONCRETE, TOOLED JOINT, 1/4 DEPTH

**NOTES**

1. CONCRETE SHALL BE FIBER REINFORCED, AIR ENTRAINED, AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.

2. CONTROL JOINTS SHALL BE PLACED AT 5' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 30' O.C. MAX.

3. ALL SIDEWALK'S CROSS SLOPE TO BE MIN 1.0% AND 2.0% MAXIMUM.

4. ALL SIDEWALK SHALL BE 5' WIDE, UNLESS NOTED OTHERWISE

**FILTER FABRIC BURIAL DETAIL**

**FLAT-BOTTOM TRENCH DETAIL**

**NOT TO SCALE**

**FILTER FABRIC INSTALLATION**

**TROWEL SURFACE SMOOTH**

'LIGHT' BROOM FINISH, DO NOT COMPACTED SUBGRADE

FIBER REINFORCED 3000 PSI CONCRETE, TOOLED JOINT, 1/4 DEPTH

**NOTES**

1. CONCRETE SHALL BE FIBER REINFORCED, AIR ENTRAINED, AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.

2. CONTROL JOINTS SHALL BE PLACED AT 5' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 30' O.C. MAX.

3. ALL SIDEWALK'S CROSS SLOPE TO BE MIN 1.0% AND 2.0% MAXIMUM.

4. ALL SIDEWALK SHALL BE 5' WIDE, UNLESS NOTED OTHERWISE

**FILTER FABRIC BURIAL DETAIL**

**FLAT-BOTTOM TRENCH DETAIL**

**NOT TO SCALE**

**FILTER FABRIC INSTALLATION**

**TROWEL SURFACE SMOOTH**

'LIGHT' BROOM FINISH, DO NOT COMPACTED SUBGRADE

FIBER REINFORCED 3000 PSI CONCRETE, TOOLED JOINT, 1/4 DEPTH