

**To: All Vendors Bidding on The College of New Jersey
Fiber Infrastructure Upgrades Rebid**

**From: Anup Kapur
Finance & Business Services**

Date: January 13, 2022

ADDENDUM NO. 1

ISSUE DATE: January 13, 2022

REFERENCE: The College of New Jersey
Fiber Infrastructure Upgrades Rebid
Project No. AB220020

Date of Original Bidding Documents: December 27, 2021

INTENT: This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and Prior Addenda if any, as identified above. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

TCNJ Clarification:

1. We are providing site underground utility drawings as reference. These are not up to date, but provide a good reference of what to expect during the excavation. The contractor is responsible to hire an underground utility location company and scan the proposed areas of excavation prior to excavation work and adjust the routing and placement of new duct bank accordingly.

Vendor Questions:

1. Why was this project re-bid?
TCNJ Response: Due to the failure of the bidders to meet the DPMC requirements set forth in the RFP.
2. Who is the vendor providing the fire alarm hardware that the fiber is servicing?
TCNJ Response: The Vendor is not known yet. That project will be bid later this year.

Attachments:



1. Pre-bid Signup sheet
2. Order of Work to be Completed per Zone
3. Existing underground utility plans

END OF ADDENDUM NO. 1



TCNJ THE COLLEGE OF
NEW JERSEY

**Fire Alarm Project
Fiber Infrastructure Upgrades
Pre-Bid Meeting
January 4, 2022, 10:00 am**

Meeting Sign-In Sheet

	<u>Name</u>	<u>Company</u>	<u>Cell Phone</u>	<u>Email</u>
1	Mumtaz Makhdomi	TCNJ, Design and Construction	609-678-6632	makhdomm@tcnj.edu
2	Mike Sperrazza	Millennium Communicators Group	973-938-3392	m.sperrazza@millenniuminc.com
3	David McCreeley	Oliver Communication Group Inc	609-547-0616	dave@olivercomm.com
4	Matt McColligan	Carr + Duff, Inc.	215-470-0686	m.mccolligan@carrduff.com
5	BRAD COBURN	TCNJ		cburn@tcnj.edu
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14				



January 11, 2022; Rev. 2

Fiber Infrastructure Cable Upgrades Fire Alarm Project

Order of Work Completed Per Zone

Excavation work

March 14, 2022 to May 17, 2022.....Zone 1

May 23, 2022 to Oct 28, 2022..... Zone 2

Nov 1st, 2022 to Feb 25, 2023..... Zone 4

(Excavation End: February 25, 2023)

March 6, 2023 to April 14, 2023.....Zone 3

April 17, 2023 to July 29, 2023 Zones 2 & 4

(Remaining Residence Halls Interior Work)

Outdoor excavation work in each zone to be completed on dates shown above including sidewalks and landscape.





All work inside residence halls to be completed during summer and winter breaks when students are off campus

All work inside academic and office buildings in each zone to be completed on dates above

GENERAL SHEET NOTES


1. THIS CAMPUS UTILITY SITE PLAN HAS BEEN DEVELOPED FROM A COMPILATION OF EXISTING CAMPUS AND BUILDING SITE DRAWINGS. THE PLAN IDENTIFIES GENERAL ROUTING OF THE UTILITY AND DOES NOT REPRESENT EXACT UTILITY LOCATION. PRIOR TO THE PERFORMANCE OF ANY UTILITY WORK AND/OR NEW CONSTRUCTION, A DETAILED SURVEY OF THE AFFECTED AREA SHALL BE PERFORMED TO IDENTIFY EXACT UTILITY LOCATIONS AND DEPTHS.

LEGEND

-  EXISTING CHILLED WATER LINE
-  ABANDONED CHILLED WATER LINE
-  EXISTING MANHOLE
-  ABANDONED MANHOLE

Entech Engineering, Inc.
 Engineering, Architecture, Construction
 Corporate Office:
 4 S. Fourth Street, Reading, PA 19602
 ph: 610.373.0887, fx: 610.373.7837
 Pottsville, PA
 ph: 610.828.6555
 Mountaintop, PA
 ph: 717.626.8686
 www.entecheng.com 1.800.825.1372



The College of New Jersey
 Ewing Township, NJ


REV	DATE	ISSUED FOR	REVISION	APPD
A	03-02-2011	ISSUED FOR CLIENT REVIEW		
B	09-12-2011	PRE-FINAL SUBMISSION		
C	11-17-2011	FINAL SUBMISSION		

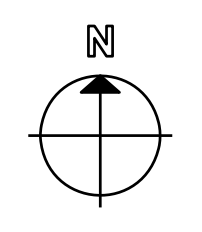
COLLEGE OF NEW JERSEY
 EWING, NJ
 EXISTING UTILITY PLAN
 EXISTING CHILLED WATER PLAN

SCALE	1" = 150'
PREPARED BY	P. MCCARTY
CHECKED BY	D. BROWN
APPROVED BY	D. BROWN
PROJECT NO.	2315.01
DRAWING NO.	

CHW1











1 CAMPUS CHILLED WATER SITE PLAN - EXISTING
 Scale: 1"=150'-0"
 0 150 300'



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LEGEND

-  BUILDING WITH BOOSTER PUMPS
-  PIPING INSTALLED IN 1930's
-  PIPING INSTALLED IN 1950's
-  PIPING INSTALLED IN 1980's
-  PIPING INSTALLED IN 1990's
-  PIPING INSTALLED IN 2000's
-  EXISTING WATER LLINE
-  VALVE

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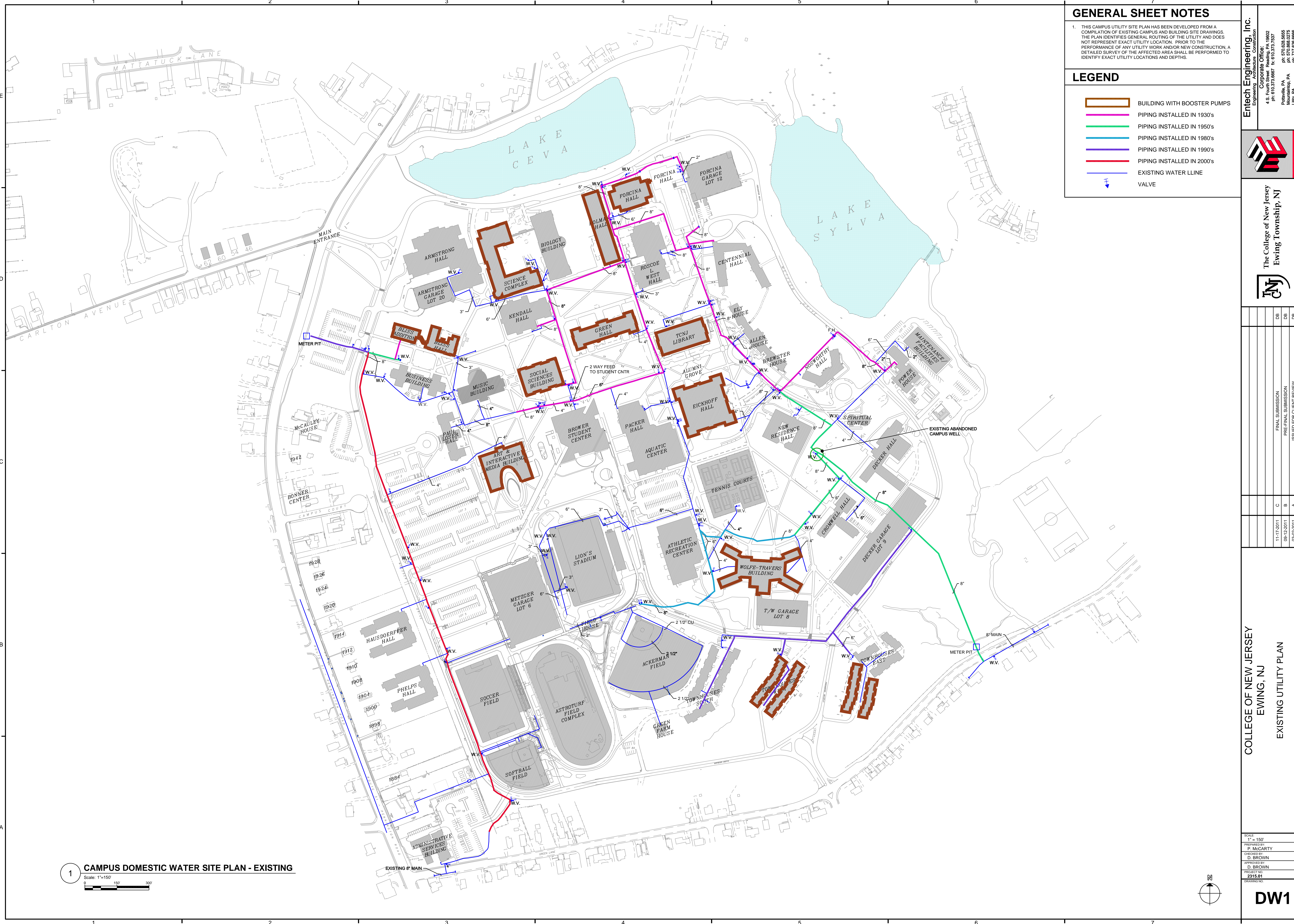
The College of New Jersey
 Ewing Township, NJ


REV	DATE	ISSUED FOR	BY	APP'D
A	03-02-2011	ISSUED FOR CLIENT REVIEW	B	DB
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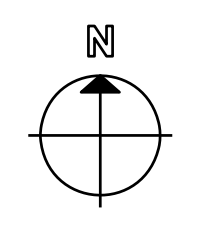
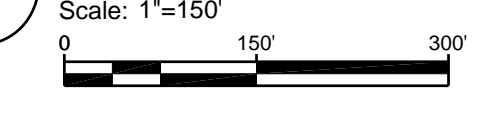
COLLEGE OF NEW JERSEY
 EWING, NJ
 EXISTING UTILITY PLAN
 EXISTING DOMESTIC WATER PLAN

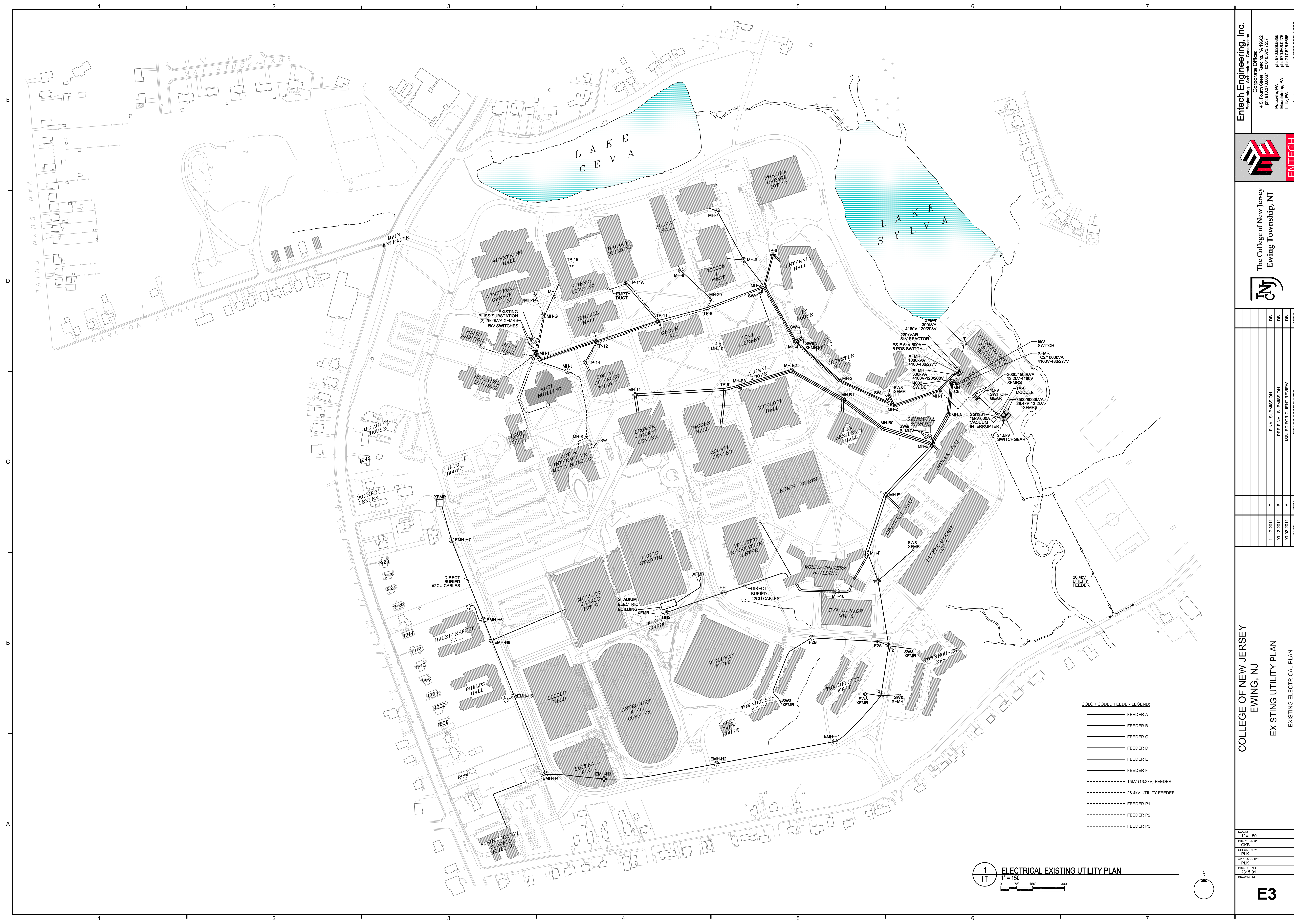
SCALE: 1"=150'
 PREPARED BY: P. MCARTHY
 CHECKED BY: D. BROWN
 APPROVED BY: D. BROWN
 PROJECT NO: 2315.01
 DRAWING NO:

DW1



1 CAMPUS DOMESTIC WATER SITE PLAN - EXISTING

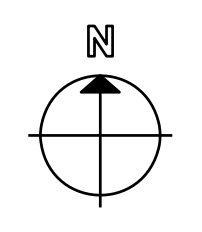




COLOR CODED FEEDER LEGEND:

—————	FEEDER A
—————	FEEDER B
—————	FEEDER C
—————	FEEDER D
—————	FEEDER E
—————	FEEDER F
- - - - -	15KV (13.2KV) FEEDER
- - - - -	26.4KV UTILITY FEEDER
- - - - -	FEEDER P1
- - - - -	FEEDER P2
- - - - -	FEEDER P3

1
IT
ELECTRICAL EXISTING UTILITY PLAN
1" = 150'
0 75 150 300'



Entech Engineering, Inc.
Engineering Architecture Construction
Corporate Office
4 S. Fourth Street Reading, PA 19602
ph: 610.373.6867 fx: 610.373.7837
Pottsville, PA
Mountaintop, PA
Lancaster, PA
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NO.	DATE	REV.	DESCRIPTION
1	11-17-2011	C	FINAL SUBMISSION
2	09-12-2011	B	PRE-FINAL SUBMISSION
3	03-02-2011	A	ISSUED FOR CLIENT REVIEW
4			ISSUED FOR REVISION

COLLEGE OF NEW JERSEY
EWING, NJ
EXISTING UTILITY PLAN
EXISTING ELECTRICAL PLAN

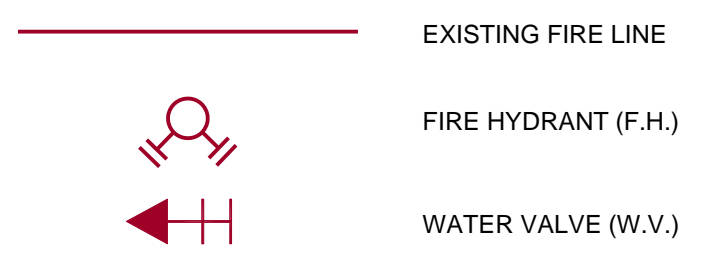
SCALE: 1" = 150'
PREPARED BY: CKB
CHECKED BY: PLK
APPROVED BY: PLK
PROJECT NO: 2315.01
DRAWING NO:

E3

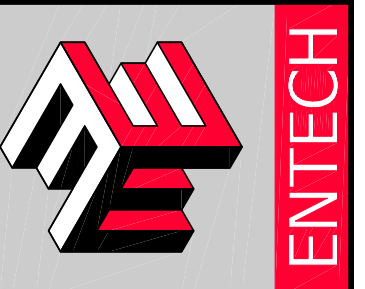
GENERAL SHEET NOTES

1. THIS CAMPUS UTILITY SITE PLAN HAS BEEN DEVELOPED FROM A COMPILATION OF EXISTING CAMPUS AND BUILDING SITE DRAWINGS. THE PLAN IDENTIFIES GENERAL ROUTING OF THE UTILITY AND DOES NOT REPRESENT EXACT UTILITY LOCATION. PRIOR TO THE PERFORMANCE OF ANY UTILITY WORK AND/OR NEW CONSTRUCTION, A DETAILED SURVEY OF THE AFFECTED AREA SHALL BE PERFORMED TO IDENTIFY EXACT UTILITY LOCATIONS AND DEPTHS.

LEGEND



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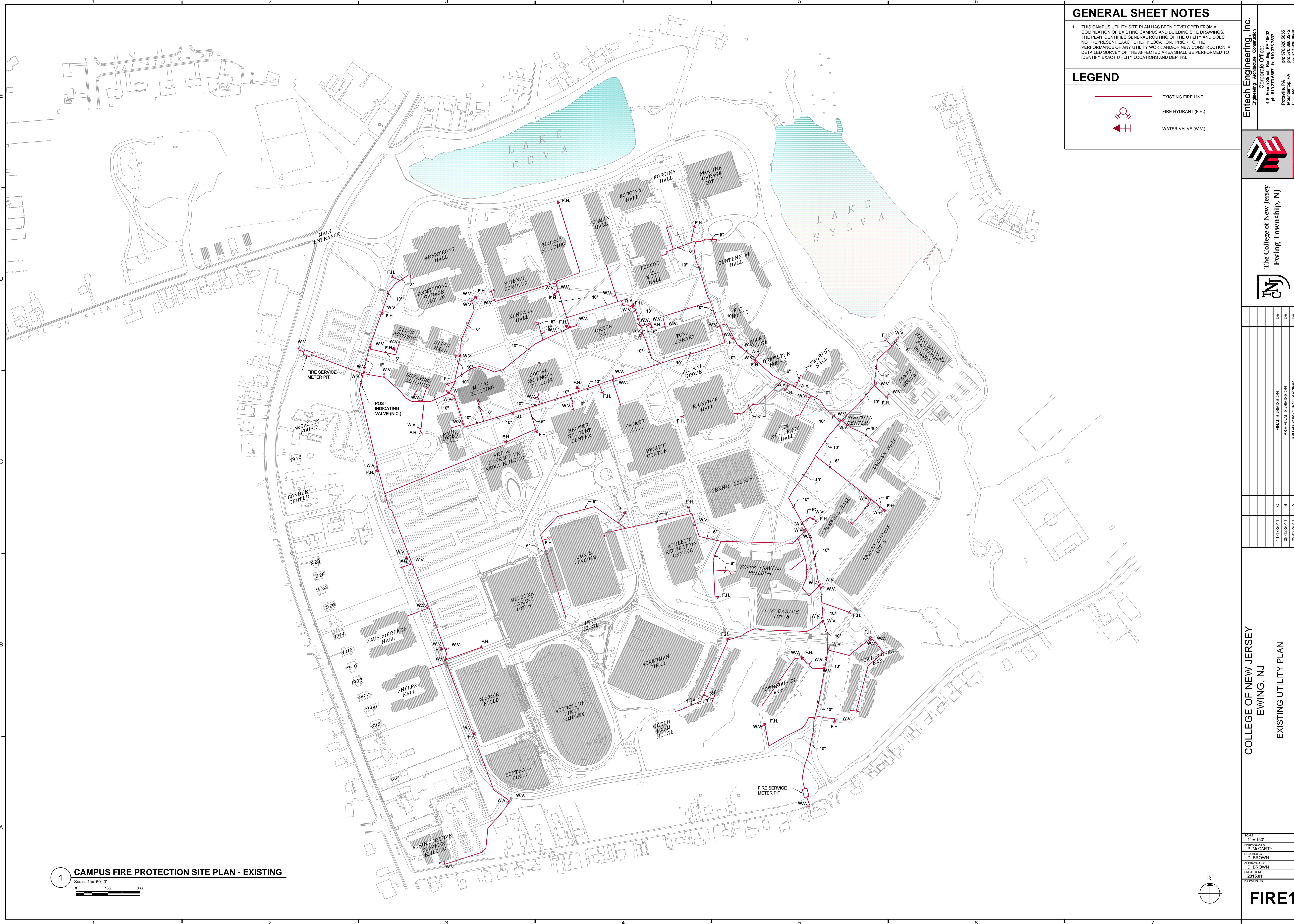


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 Ewing Township, NJ

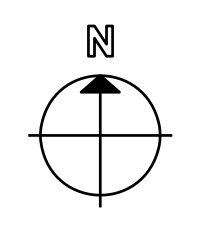
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C	11-17-2011	FINAL SUBMISSION	DB

COLLEGE OF NEW JERSEY
 EWING, NJ
 EXISTING UTILITY PLAN
 EXISTING FIRE PROTECTION PLAN

SCALE: 1" = 150'
 PREPARED BY: P. MCARTY
 CHECKED BY: D. BROWN
 APPROVED BY: D. BROWN
 PROJECT NO: 2315.01
 DRAWING NO: **FIRE1**



1 CAMPUS FIRE PROTECTION SITE PLAN - EXISTING
 Scale: 1"=150'-0"
 0 150 300



1	2	3	4	5	6	7	8	9	10	11	12	13	14
<p>KEYNOTES (SYMBOLS & ABBREVIATIONS)</p> <ol style="list-style-type: none"> 1. This Utility Plan is to be used in conjunction with the Domestic Water Infrastructure and Connected To Existing Fire Water Infrastructure. See Drawing P0101 For More Detail. 2. New Fire Hydrant Shall Be Disconnected From The Domestic Water Infrastructure And Connected To The Existing Fire Water Infrastructure. See Drawing P0101 For More Detail. 3. Locate Existing Dry Lines For Extension And Connect To Existing Infrastructure As Shown. This Shall Be Prior To All Other Work. 4. Approximate Location Of Existing Underground Vault. 5. Remove Existing Metal Pans, Bush And Concrete Slab To Reuse New Water Piping Through This Area Upon Completion Of This Run. The Slab And Concrete Slab Shall Be Refitted To Original Condition In The Same Location. 6. New Domestic Water Infrastructure In This Area Will Be Installed In A Common Trench Configuration With Other Campus Fire Conditions. See Drawing P0101 For More Information. 7. The New Plan Shows The Location Of Existing Water Infrastructure And The Location Of The New Infrastructure To Be Installed. The Contractor Shall Be Responsible For Locating And Excavating Existing Infrastructure And The Contractor To Survey This Area Prior To Bidding The Challenge Associated With This Run. <p>GENERAL NOTES</p> <ol style="list-style-type: none"> 1. This Campus Utility Site Plan Has Been Developed From A Compilation Of Existing Campus And Building Drawings. The Plan Identifies General Location Of The Utility And Does Not Represent Exact Utility OF THE AFFECTED AREA SHALL BE PERFORMED TO IDENTIFY EXISTING UTILITY LOCATIONS AND DEPTHS. 2. The Contractor Shall Contact The Owner Prior To Any Ground Penetrations. Additional Utility Mapping Is Required Under This Scope. Utility Mapping Plans Shall Be Delivered TO TCU FOR THEIR RECORD. 3. The Campus Utility Plan Was Used To Show Areas Of Potential Piping Conflicts Along The Proposed Excavation. PROVIDE TCU WITH ALL MAPPING RESULTS PRIOR TO EXCAVATION. 4. A PORTION OF THIS WORK WILL BE OCCURRING IN THE PATH OF AN EMERGENCY EGRES ROUTE FROM MULTIPLE BUILDINGS. DURING ALL PHASES OF THE PROJECT A PROTECTED EMERGENCY EGRES ROUTE MUST BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EGRES ROUTE THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EGRES ROUTE THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EGRES ROUTE THROUGHOUT THE PROJECT. 5. All Domestic Water Piping Shutdowns Shall Be Coordinated With TCU A Minimum Of 7 Days Prior To Work Starting. Shutdowns Shall Last No More Than 8 Hours And Shall Be Coordinated With TCU Schedule To Minimize The Impact On Campus Operations. 6. Allow Minimum 2 Days Notice To OCA For Inspections. Notify TCU For OCA Inspections. 7. Contractor Shall Repair Damaged Utilities, Piping, Or Conduit That Is Disrupted As A Result Of The Scope OF WORK. REPAIRS SHALL BE TO ORIGINAL SPECIFICATIONS AND SHALL BE REPAIRED TO AN EQUAL LEVEL OF QUALITY AS THE ORIGINAL. NO PATCHES, GASKETS, OR REPAIR COUPLERS ARE PERMITTED. 8. All Piping Ties Are To Existing Shall Occur During Off Hours. The Cost For This Off Hours Work Shall Be Included In The Base Bid And The Connection Schedule Must Be Coordinated With Campus Construction Prior To Execution Of Work. 													

1	2	3	4	5	6	7	8	9	10	11	12	13	14																								
<p>PARTIAL SYMBOLS & ABBREVIATIONS</p> <table border="1"> <thead> <tr> <th>Identifier</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>⊕</td> <td>Connect To Existing</td> </tr> <tr> <td>⊖</td> <td>Existing Water Piping To Remain</td> </tr> <tr> <td>⊗</td> <td>New Cold Water Main</td> </tr> <tr> <td>⊙</td> <td>Fire Hydrant</td> </tr> <tr> <td>⊚</td> <td>Water Valve</td> </tr> <tr> <td>⊛</td> <td>Hydrant Flow Test Points</td> </tr> <tr> <td>⊜</td> <td>Detail Identifier</td> </tr> <tr> <td>⊝</td> <td>Detail # (Not all Locations)</td> </tr> </tbody> </table> <p>IDENTIFIER</p> <table border="1"> <thead> <tr> <th>Identifier</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>F.H.</td> <td>Fire Hydrant</td> </tr> <tr> <td>W.V.</td> <td>Water Valve</td> </tr> </tbody> </table>														Identifier	Description	⊕	Connect To Existing	⊖	Existing Water Piping To Remain	⊗	New Cold Water Main	⊙	Fire Hydrant	⊚	Water Valve	⊛	Hydrant Flow Test Points	⊜	Detail Identifier	⊝	Detail # (Not all Locations)	Identifier	Description	F.H.	Fire Hydrant	W.V.	Water Valve
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LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING SANITARY SEWER LINE

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 Engineering, Architecture, Construction
 Corporate Office:
 4 S. Fourth Street, Reading, PA 19602
 ph: 610.373.8687, fx: 610.373.7837
 Pottsville, PA
 ph: 610.828.6555
 Mountain Top, PA
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The College of New Jersey
 Ewing Township, NJ

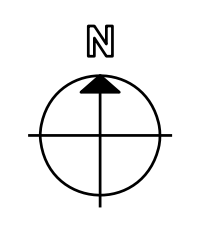
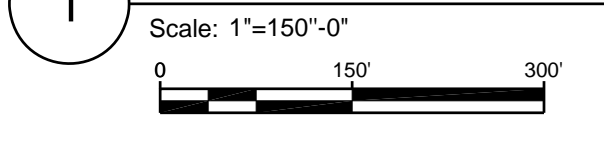
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A	03-22-2011	ISSUED FOR CLIENT REVIEW	DB	APP
B	09-12-2011	PRE-FINAL SUBMISSION	DB	DB
C	11-17-2011	FINAL SUBMISSION	DB	DB

COLLEGE OF NEW JERSEY
 EWING, NJ
 EXISTING UTILITY PLAN
 EXISTING SANITARY SEWER PLAN

SCALE: AS NOTED
 PREPARED BY: P. MCARTHY
 CHECKED BY: D. BROWN
 APPROVED BY: D. BROWN
 PROJECT NO: 2315.01
 DRAWING NO:

SS1




1 CAMPUS SANITARY SEWER SITE PLAN - EXISTING



GENERAL SHEET NOTES

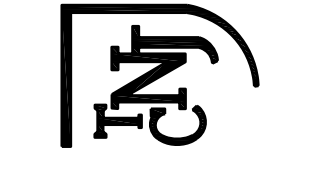
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LEGEND

-  EXISTING STEAM LINE
-  EXISTING MANHOLE
-  EXISTING STEAM/CONDENSATE LINE REQUIRING REPLACEMENT

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 4 S. Fourth Street, Reading, PA 19602
 ph: 610.373.6867, fx: 610.373.7837
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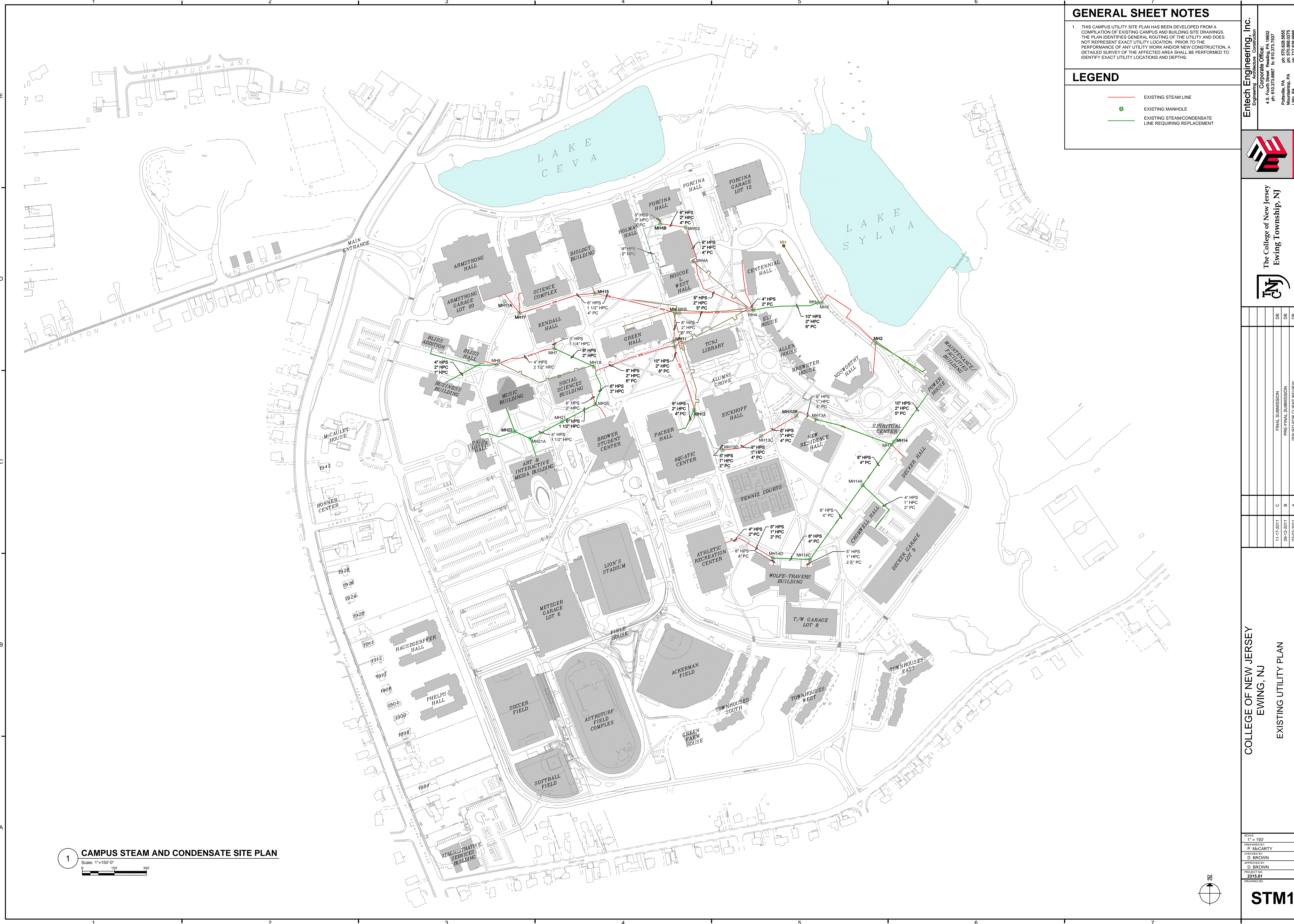
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 Ewing Township, NJ


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		ISSUED FOR CLIENT REVIEW		

COLLEGE OF NEW JERSEY
EWING, NJ
EXISTING UTILITY PLAN
 EXISTING STEAM PLAN

SCALE	1" = 150'
PREPARED BY:	P. MCARTHY
CHECKED BY:	D. BROWN
APPROVED BY:	D. BROWN
PROJECT NO.	2315.01
DRAWING NO.	



STM1



GENERAL SHEET NOTES

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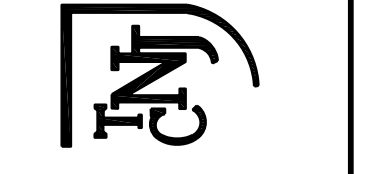
LEGEND

-  EXISTING STORM WATER LINE
-  OUTFALL

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 Ewing Township, NJ



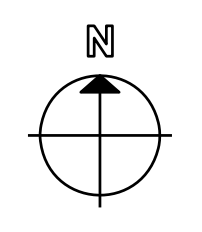
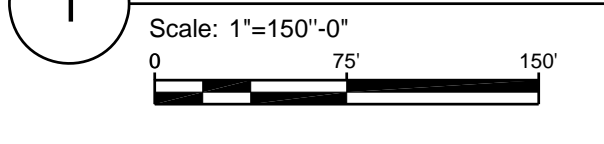
DATE	REV	ISSUED FOR	APPROVED
11-17-2011	C	FINAL SUBMISSION	DB
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COLLEGE OF NEW JERSEY
 EWING, NJ
 EXISTING UTILITY PLAN
 EXISTING STORM WATER PLAN

SCALE: AS NOTED
 PREPARED BY: P. MCARTY
 CHECKED BY: D. BROWN
 APPROVED BY: D. BROWN
 PROJECT NO: 2315.01
 DRAWING NO:

STRM1

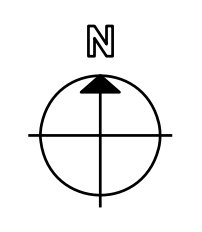
1 CAMPUS SANITARY SEWER SITE PLAN - EXISTING





TELECOMMUNICATIONS LEGEND:
 ——— EXISTING LINE
 ● EXISTING MANHOLE
 ⊗ EXISTING UTILITY POLE

1
 IT
ELECTRICAL EXISTING TELECOMMUNICATIONS PLAN
 1" = 150'
 0 75 150 300'



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COLLEGE OF NEW JERSEY
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EXISTING UTILITY PLAN
 EXISTING TELECOMMUNICATIONS PLAN

SCALE: 1" = 150'
 PREPARED BY: CKB
 CHECKED BY: PLK
 APPROVED BY: PLK
 PROJECT NO: 2315.01
 DRAWING NO:

T1