

NOTES

- EXISTING PROPERTY BOUNDARY

- EXISTING SANITARY SEWER LINE

EXISTING UNDERGROUND TELEPHONE LINE

- EXISTING UNDERGROUND ELECTRIC LINE

- EXISTING STORM SEWER LINE

- EXISTING WATER LINE

EXISTING WATER BOX

EXISTING CATCH BASIN

EXISTING SANITARY MANHOLE

EXISTING UTILITY MANHOLE

EXISTING FIRE HYDRANT

PROPOSED BUILDING

PROPOSED CONCRETE PAD
PROPOSED CONCRETE WALKWAY

PROPOSED HIKING TRAIL

PROPOSED CENTERLINE

PROPOSED ADA PARKING

PROPOSED WHEEL STOP PROPOSED PARKING COUNT

PROPOSED INDEX CONTOUR

PROPOSED STORM MANHOLE

- PROPOSED SANITARY SEWER

- PROPOSED TELEPHONE LINE

PROPOSED SANITARY MANHOLE

PROPOSED TRANSFORMER PAD

- PROPOSED WATER LINE

PROPOSED HYDRANT

PROPOSED VALVE

PROPOSED INTERMEDIATE CONTOUR

- PROPOSED BRIDGE - PROPOSED GUIDE RAIL

PROPOSED SIGN

DETAIL NUMBER SHEET NUMBER

PROPOSED INLET

PROPOSED STORM SEWER

PROPOSED BIORETENTION AREAS

PROPOSED ELECTRIC LINE

PROPOSED REINFORCED TURF PARKING

EXISTING SIGN

EXISTING TREE

- EXISTING CONTOUR

- EXISTING FENCE

LEGEND

0 0 0 0 0 0 0

C8.0

______ 700 ___

₩P#5 N 317,107.585154 WORK POIN NORTHING

E 2,000,437.186986 EASTING

EXISTING GUIDE RAIL

EXISTING TREE LINE

- 1. EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE
- EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT IMMEDIATELY.

 2. ALL EXISTING ABOVE AND BELOW GROUND STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS NOTED OTHERWISE WITHIN THIS CONSTRUCTION SET AND/OR PROJECT SPECIFICATIONS. THIS INCLUDES

FOUNDATION SLABS, WALLS AND FOOTINGS. IN ADDITION, ALL EXISTING

PER EACH UTILITY COMPANY'S REQUIREMENTS.

UTILITY SERVICES TO BUILDINGS SHALL BE DISCONNECTED AND TERMINATED

- 3. ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT. CONTRACTOR SHALL ALSO CONTACT PENNSYLVANIA ONE CALL SYSTEM, INC. AT 800—242—1776 AND THE APPROPRIATE UTILITY COMPANIES AT LEAST THREE (3) DAYS PRIOR TO THE INITIATION OF EARTH MOVING AND DEMOLITION ACTIVITIES.
- 4. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE DEPARTMENT FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT AND/OR EXISTING FACILITIES OCCURRING IN THE COURSE OF THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
- 5. PROJECT LIMIT LINE IS DEFINED IN THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. SEE SHEET C9.0-C9.5

REFERENCES

- EXISTING TOPOGRAPHY PREPARED BY NOR EAST MAPPING, INC. JOB# NEM08006 DATE OF PHOTOGRAPHY: JAN 31, 2008 BALDEAGLE.DWG
 EXISTING SUBSURFACE SANITARY SEWER INFORMATION INTERPRETED FROM DRAWING TITLED SANITARY SEWER REHABILITATION BALD EAGLE STATE PARK PLAN AND DETAIL FROM PROJECT NO. MM 91-6133A DATED SEP
- 3. EXISTING SUBSURFACE WATER LINE AND ELECTRIC LINE INFORMATION INTERPRETED FROM DRAWING TITLED FOSTER JOSEPH SAYERS RESERVOIR SANITARY SYSTEMS FOR PUBLIC USE FACILITIES BALD EAGLE STATE PARK GENERAL PLAN DATED SEP 1973

ONE CALL SERIAL NO.: 0925482



CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR

CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE—STOP CALL
PENNSYLVANIA ONE CALL SYSTEM, INC.

1-800-242-1776

PENNSYLVANIA ACT 38 (1991) REQUIRES NO LESS THAN 3 WORKING DAYS NOTICE NOR MORE THAN 10 WORKING DAYS NOTICE FROM EXCAVATORS WHO ARE ABOUT TO: DIG, DRILL, BLAST, AUGER, BORE, GRADE, TRENCH, OR DEMOLISH WHEN IN THE CONSTRUCTION PHASE. FOR LOCATION REQUESTS IN THE STATE OF PENNSYLVANIA, CALL TOLL FREE 1-800-242-1776.

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Civil	PROJECT NUMBER 070-915			
1	09/26/08	ISSUED FOR ADDENDUM		
NO.	DATE	REVISION		APPR.
Sl	JBMITTED			
	PROJECT DE	SIGNER PROJECT COORDINATOR		
Al	PPROVED			
	CHIEF - DIVIS	SION OF DESIGN		

AS-BUILT

DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION

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DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
OFFICE OF PARKS AND FORESTRY

COMMONWEALTH OF PENNSYLVANIA

PROJECT NO: FDC-133-4494

APPLICABLE CONTRACT NO'S.

GENERAL: FDC-133-4494.1 PLUMBING:
HVAC: ELECTRICAL:

ROADWAY:

* SIGNATURE ON FILE

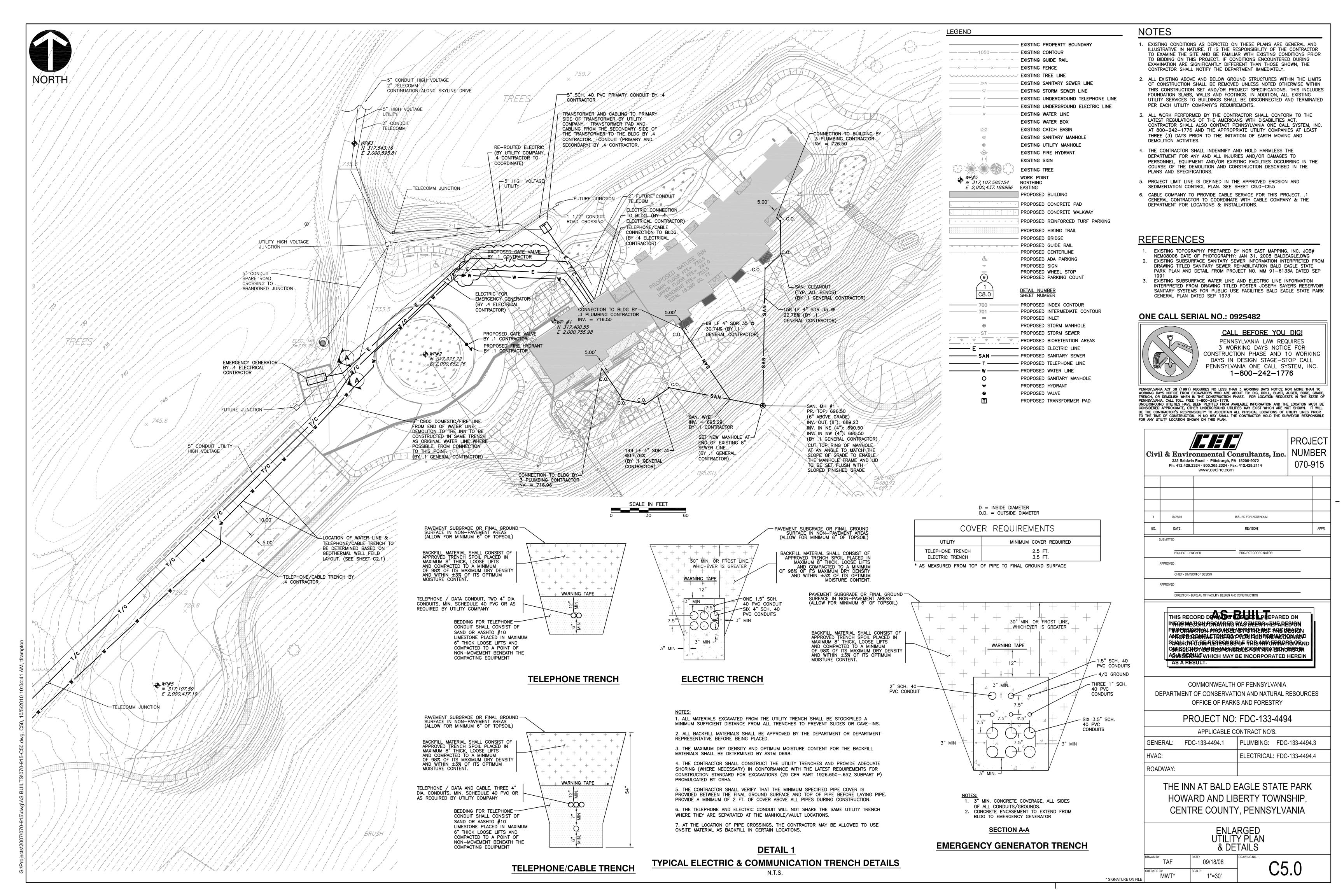
THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

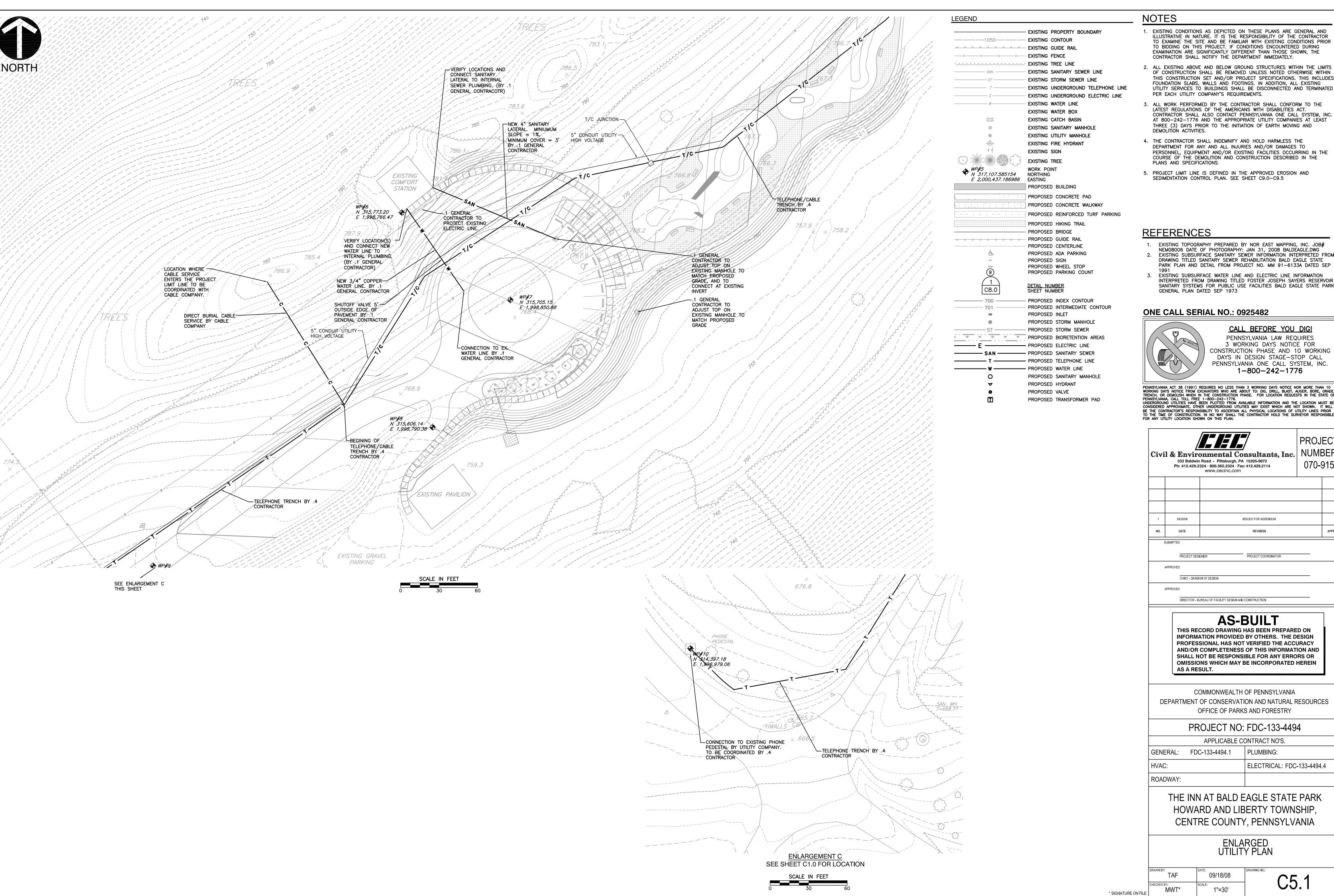
> ENLARGED DRAINAGE PLAN

TAF 09/18/08

CHECKED BY: SCALE: 1"=30'

C4.1





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- 5. PROJECT LIMIT LINE IS DEFINED IN THE APPROVED EROSION AND
- EXISTING TOPOGRAPHY PREPARED BY NOR EAST MAPPING, INC. JOB# NEMO8006 DATE OF PHOTOGRAPHY: JAN 31, 2008 BALDEAGLE.DWG EXISTING SUBSURFACE SANITARY SEWER INFORMATION INTERPRETED FROM DRAWING TITLED SANITARY SEWER REHABILITATION BALD EAGLE STATE
- EXISTING SUBSURFACE WATER LINE AND ELECTRIC LINE INFORMATION INTERPRETED FROM DRAWING TITLED FOSTER JOSEPH SAYERS RESERVOIR SANITARY SYSTEMS FOR PUBLIC USE FACILITIES BALD EAGLE STATE PARK

ONE CALL SERIAL NO.: 0925482

CALL BEFORE YOU DIG! PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE-STOP CALL PENNSYLVANIA ONE CALL SYSTEM, INC. 1-800-242-1776

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Civil & Environmental Consultants, Inc. 333 Baldwin Road - Pittsburgh, PA 15205-9072 Ph: 412.429.2324 · 800.365.2324 · Fax: 412.429.2114 www.cecinc.com			PROJECT NUMBER 070-915	
1	09/26/08	ISSUED FOR ADDENDUM		
NO.	DATE	REVISION		APPR.
SU	BMITTED			
	PROJECT D	ESIGNER PROJECT COORDINATOR		
AP	PPROVED			
	CHIEF - DIV	ISION OF DESIGN		

AS-BUILT

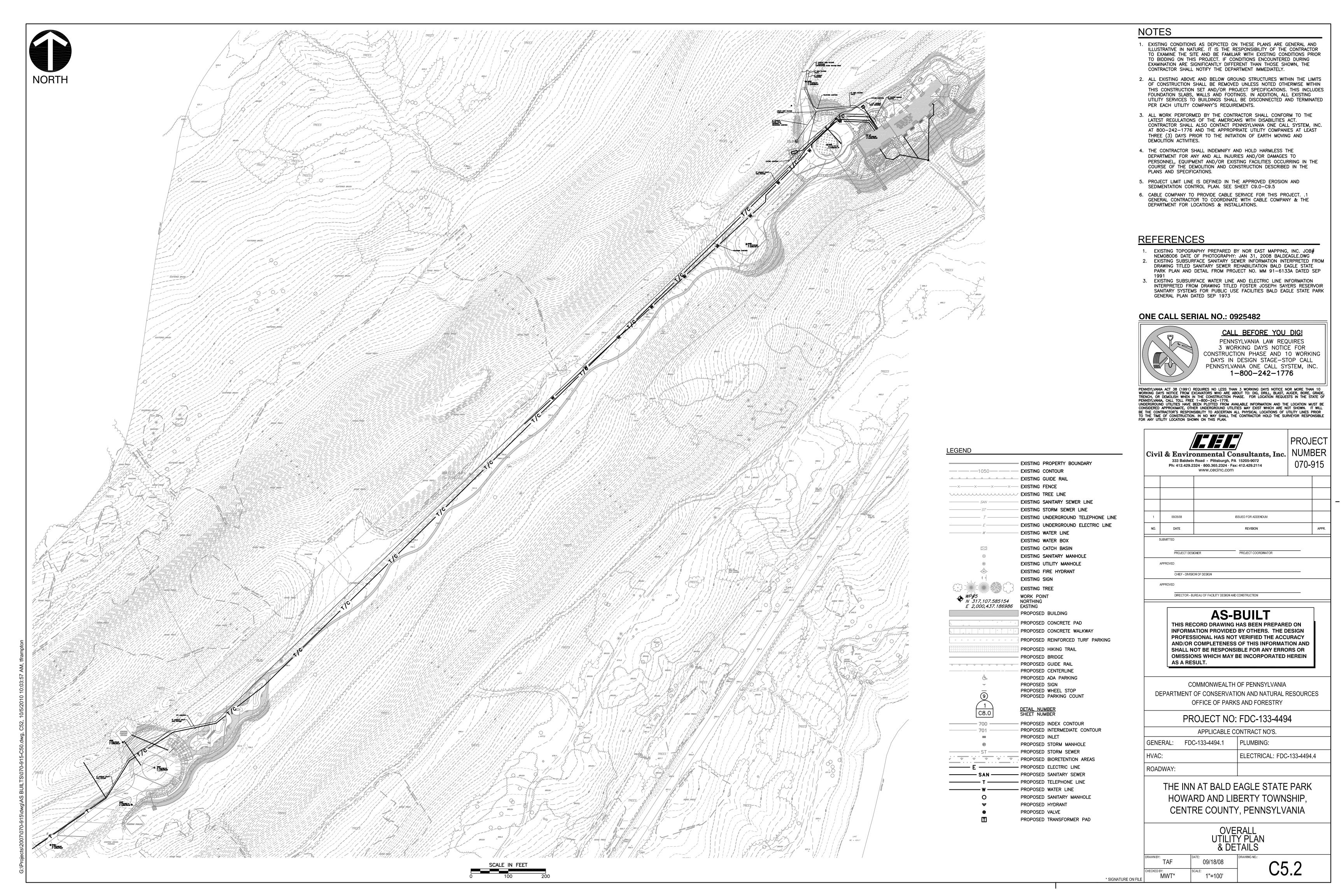
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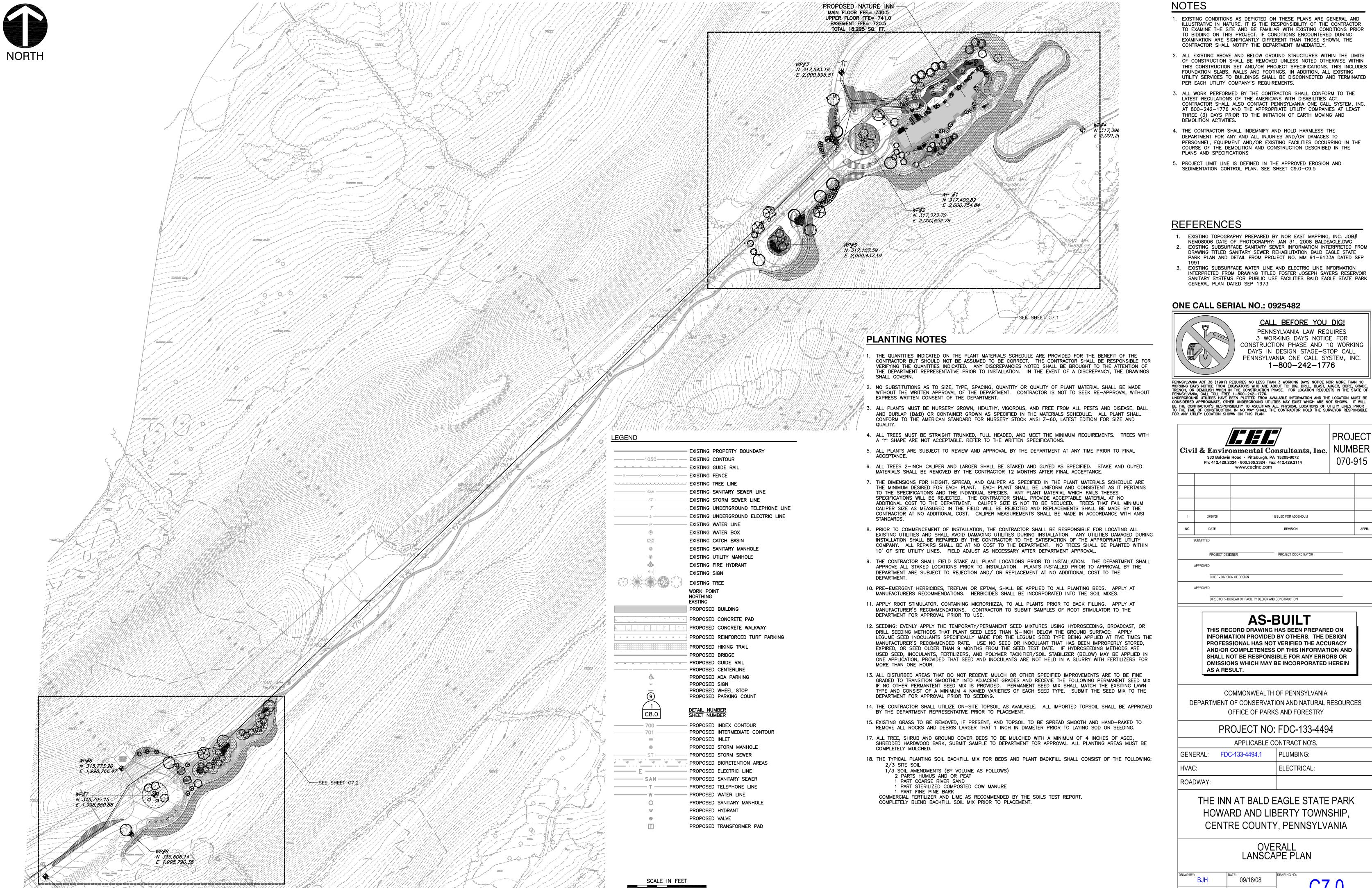
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES OFFICE OF PARKS AND FORESTRY

PLUMBING: ELECTRICAL: FDC-133-4494.4

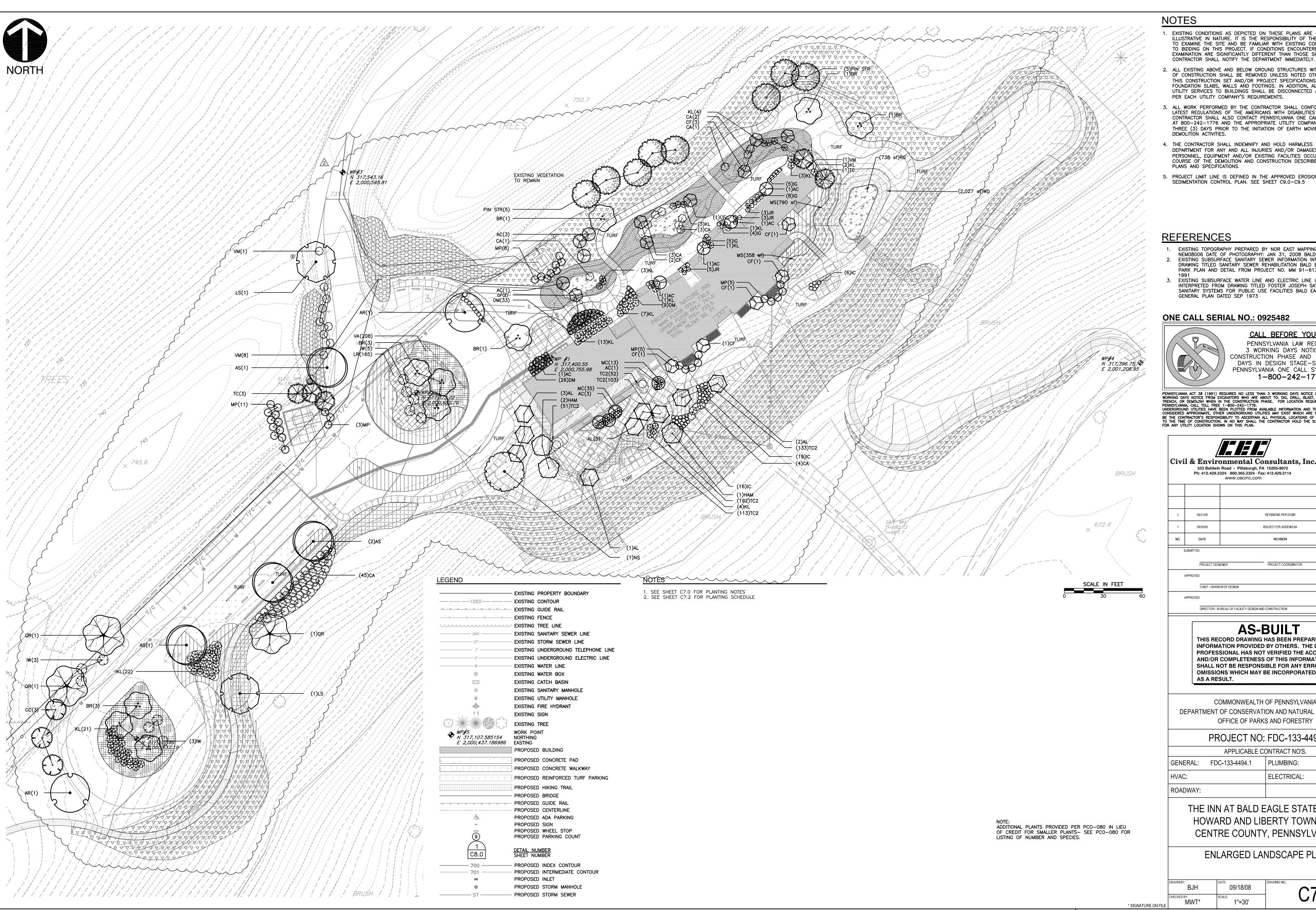
HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

ENLARGED UTILITY PLAN





* SIGNATURE ON FILE



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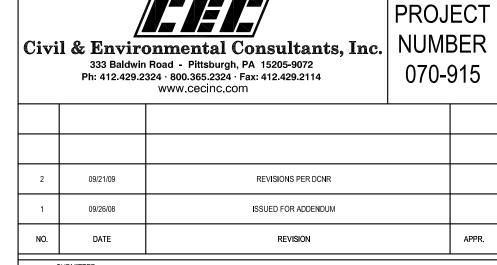
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- EXISTING SUBSURFACE WATER LINE AND ELECTRIC LINE INFORMATION INTERPRETED FROM DRAWING TITLED FOSTER JOSEPH SAYERS RESERVOIR SANITARY SYSTEMS FOR PUBLIC USE FACILITIES BALD EAGLE STATE PARK GENERAL PLAN DATED SEP 1973

ONE CALL SERIAL NO.: 0925482



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PROJECT COORDINATOR

CHIEF - DIVISION OF DESIGN

DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION

AS-BUILT

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DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES OFFICE OF PARKS AND FORESTRY

COMMONWEALTH OF PENNSYLVANIA

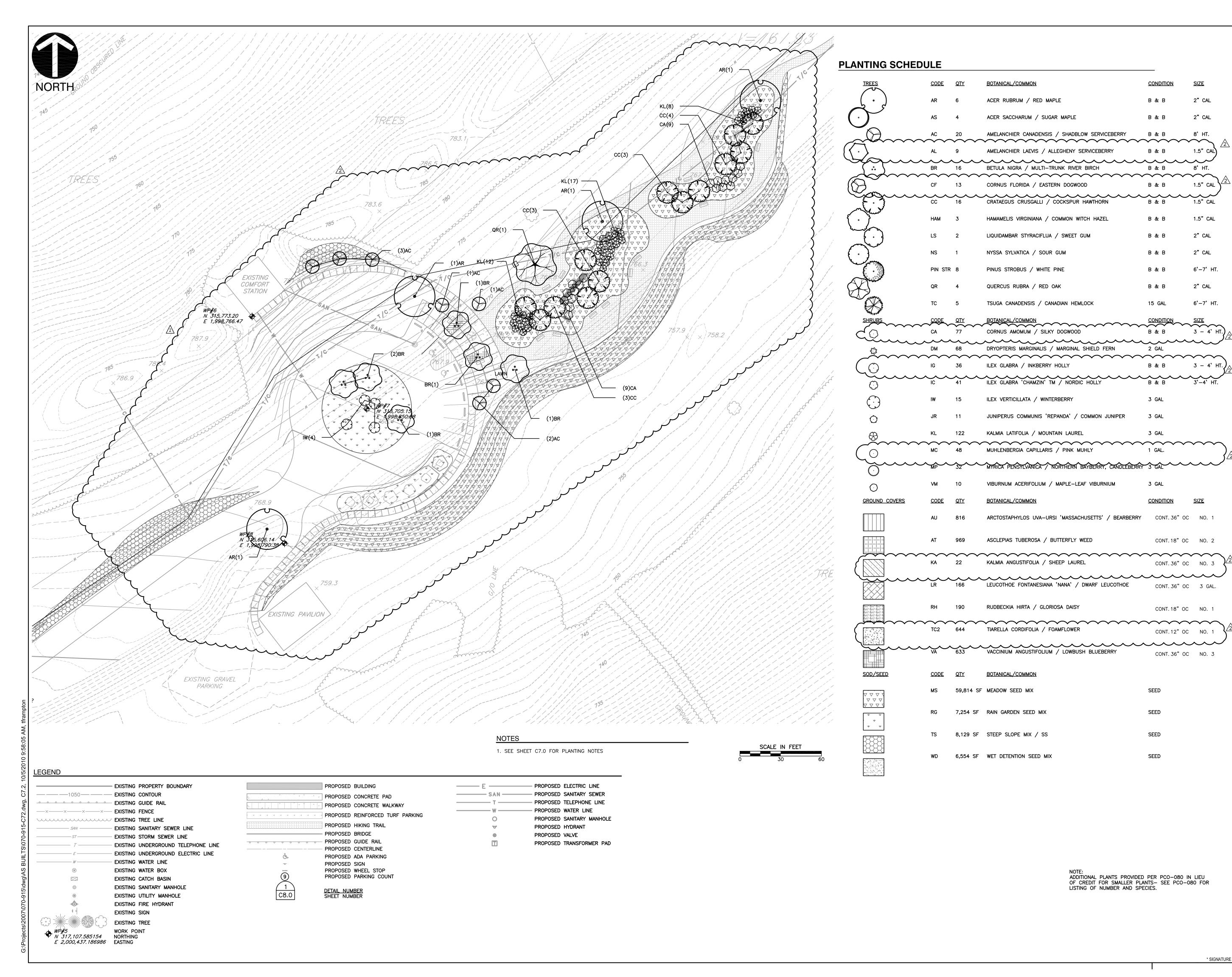
PROJECT NO: FDC-133-4494 APPLICABLE CONTRACT NO'S.

PLUMBING: GENERAL: FDC-133-4494.1 ELECTRICAL:

> THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

ENLARGED LANDSCAPE PLAN

09/18/08 1"=30'



NOTES

2" CAL

2" CAL

8° HT.

1.5" CAL

1.5" CAL

1.5" CAL

2" CAL

2" CAL

6'-7' HT.

6'-7' HT.

3 - 4' HT.)

3 – 4' HT.

B & B

B & B

B & B

B & B

15 GAL

B & B

2 GAL

B & B

3 GAL

3 GAL

CONT. 18" OC NO. 2

CONT. 36" OC NO. 3

CONT. 36" OC 3 GAL.

CONT. 18" OC NO. 1

CONT. 12" OC NO. 1

CONT. 36" OC NO. 3

SEED

SEED

SEED

SEED

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PARK PLAN AND DETAIL FROM PROJECT NO. MM 91-6133A DATED SEP

EXISTING SUBSURFACE WATER LINE AND ELECTRIC LINE INFORMATION INTERPRETED FROM DRAWING TITLED FOSTER JOSEPH SAYERS RESERVOIR SANITARY SYSTEMS FOR PUBLIC USE FACILITIES BALD EAGLE STATE PARK GENERAL PLAN DATED SEP 1973

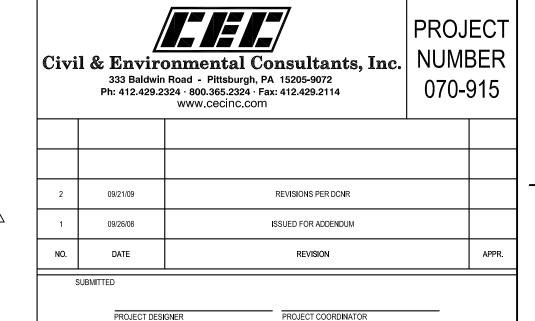
ONE CALL SERIAL NO.: 0925482



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AS-BUILT

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES OFFICE OF PARKS AND FORESTRY

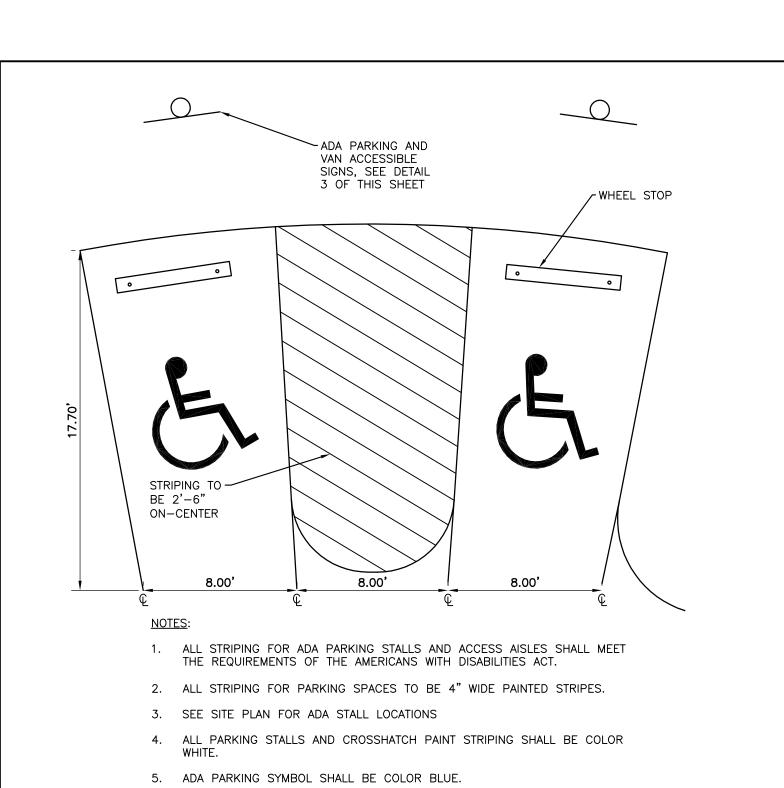
PROJECT NO: FDC-133-4494 APPLICABLE CONTRACT NO'S. GENERAL: FDC-133-4494.1 PLUMBING: HVAC: ELECTRICAL: ROADWAY:

THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

ENLARGED LANDSCAPE PLAN

09/18/08 1"=30'

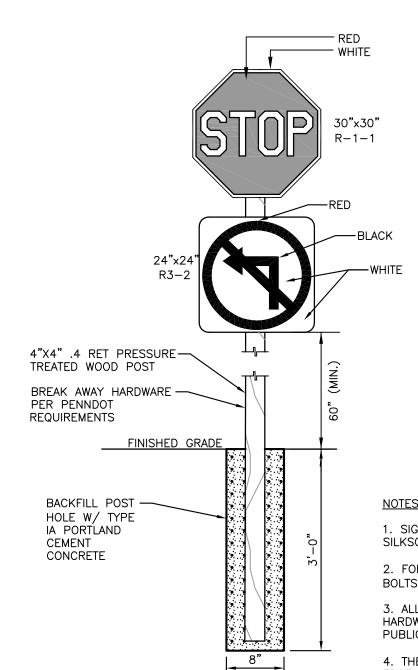
* SIGNATURE ON FILE



6. IF PARKING SPACE IS RADIAL IN GEOMETRY, THE STALL WIDTH SHALL NOT BE LESS THAN 8'-0" **DETAIL 1**

ADA PARKING SPACE MARKING DETAIL

N.T.S.

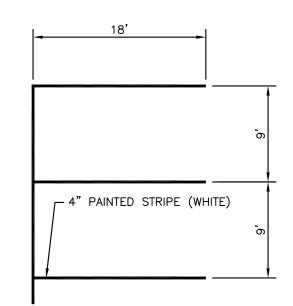


1. SIGN PANELS SHALL BE 0.100 ALUMINUM WITH RAISED OR SILKSCREEN COPY.

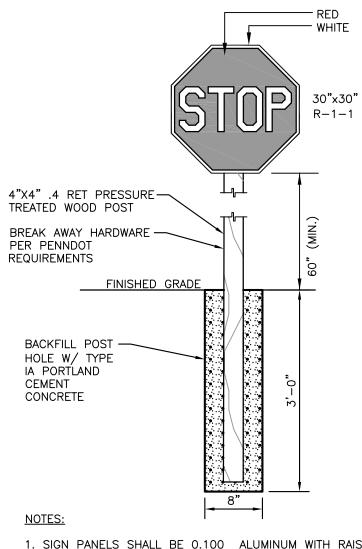
2. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE BOLTS W/ WASHERS, 2 PER SIGN.

3. ALL TRAFFIC CONTROL SIGNS, SIGN POSTS, AND SIGN HARDWARE SHALL SATISFY THE REQUIREMENTS OF PENNDOT PUBLICATION 408, SECTION 931 AND SECTION 1103. 4. THE NEAREST EDGE OF THE SIGN SHALL BE 6" FROM THE EDGE OF THE ROADWAY.

DETAIL 5 STOP SIGN W/ NO LEFT TURN SIGN N.T.S.



DETAIL 9 9' x 18' PARKING SPACE DETAIL N.T.S.



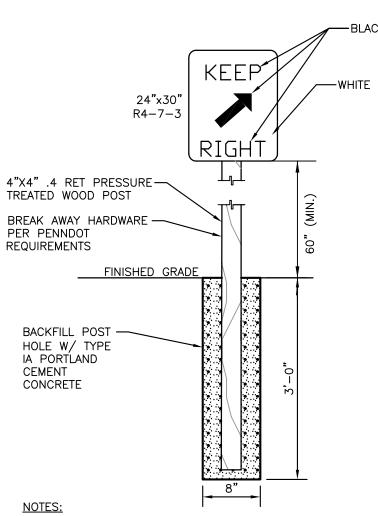
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DETAIL 2 STOP SIGN

N.T.S.



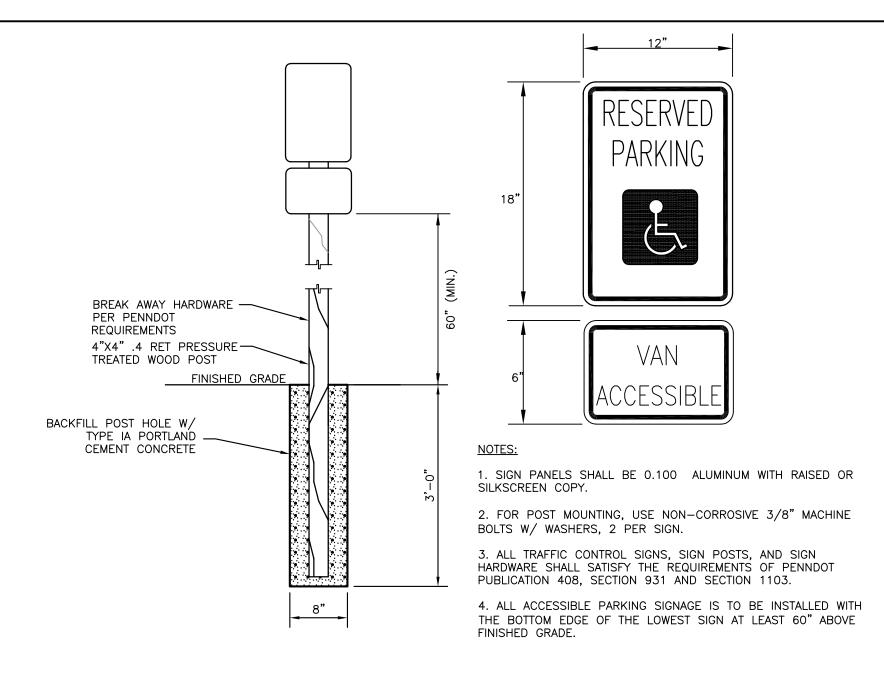
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DETAIL 6 KEEP RIGHT SIGN

N.T.S.



DETAIL 3 ADA PARKING SIGN

N.T.S.

BREAK AWAY HARDWARE -PER PENNDOT REQUIREMENTS 4"X4" .4 RET PRESSURE — TREATED WOOD POST FINISHED GRADE 1. SIGN PANELS SHALL BE 0.100 ALUMINUM WITH RAISED OR SILKSCREEN COPY. BACKFILL POST HOLE W/ TYPE IA PORTLAND 2. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE CEMENT CONCRETE BOLTS W/ WASHERS, 2 PER SIGN. 3. ALL TRAFFIC CONTROL SIGNS, SIGN POSTS, AND SIGN HARDWARE SHALL SATISFY THE REQUIREMENTS OF PENNDOT PUBLICATION 408, SECTION 931 AND SECTION 1103. **DETAIL 4 STAFF PARKING SIGN**

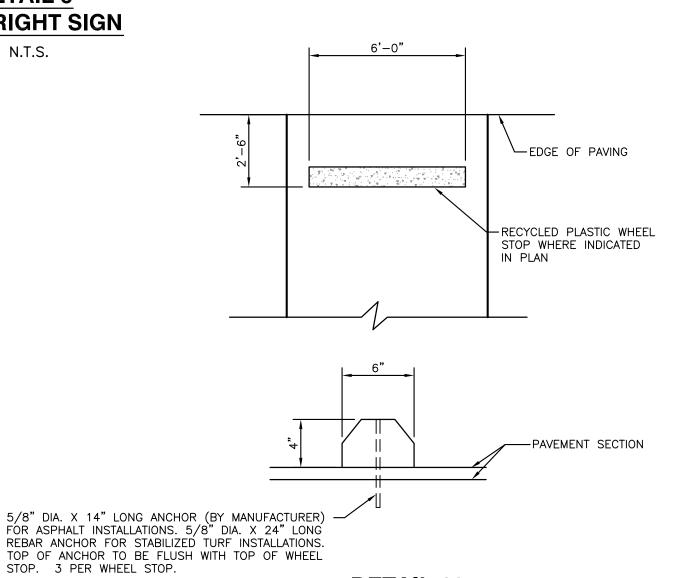
N.T.S.

-1/2" PREMOLDED EXPANSION JOINT 1/4" SAWCUT CONTROL JOINT FILLER WITH SEALANT AT MAXIMUM - CONCRETE SURFACE WITH NON-SLIP FINISH INTERVALS OF 20' ON-CENTER IN EACH DIRECTION. 4" MIN. COMPACTED -CONTINUOUS 6"x6" W10 AASHTO #57 STONE W.W.F. W/ 8" LAP AT - COMPACTED SUBGRADE EDGES NOTES: 1. PROVIDE A 1/2" EXPANSION JOINT FILLER WITH SEALANT WHERE THE CONCRETE SIDEWALK ABUTS THE BUILDING. 2. REFER TO THE PROJECT SPECIFICATIONS FOR SPECIAL FINISHES, AGGREGATE TREATMENT, COLORS, PATTERN 3. SEE SITE PLAN FOR LOCATIONS AND WIDTHS

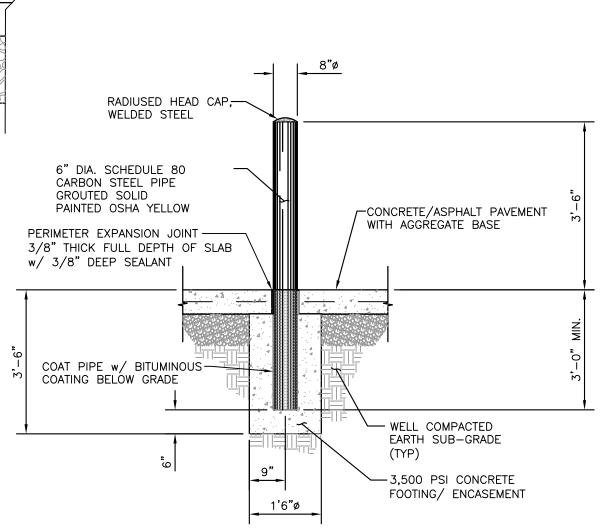
4. ALL CONCRETE SIDEWALKS SHALL BE INTEGRALLY COLORED WITH RECYCLED IRON OXIDE COLORANT. COLOR TO BE APPROVED BY DEPARTMENT.

DETAIL 7 CONCRETE SIDEWALK AND AT GRADE PATIOS

N.T.S.



DETAIL 10 WHEEL STOP N.T.S.



SECTION A-A

DETAIL 8 BOLLARD N.T.S.

PROJECT Civil & Environmental Consultants, Inc. | NUMBER 333 Baldwin Road - Pittsburgh, PA 15205-9072 www.cecinc.com 09/26/08 PROJECT DESIGNER PROJECT COORDINATOR CHIEF - DIVISION OF DESIGN DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION

AS-BUILT

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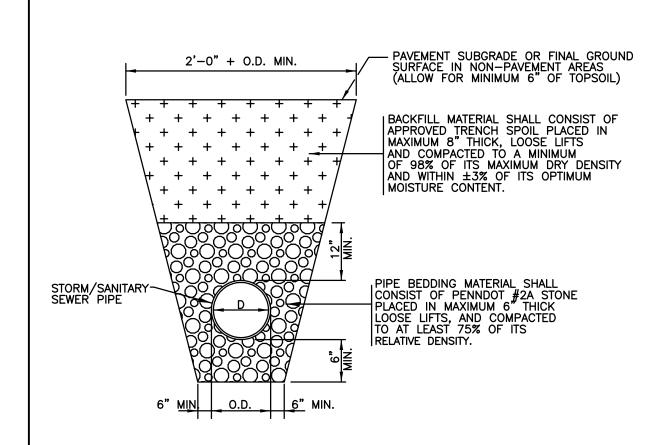
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES OFFICE OF PARKS AND FORESTRY

PROJECT NO: FDC-133-4494 APPLICABLE CONTRACT NO'S. PLUMBING: GENERAL: FDC-133-4494.1 HVAC: ELECTRICAL: **ROADWAY:**

> THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

> > CONSTRUCTION DETAILS

09/18/08 MWT* AS NOTED

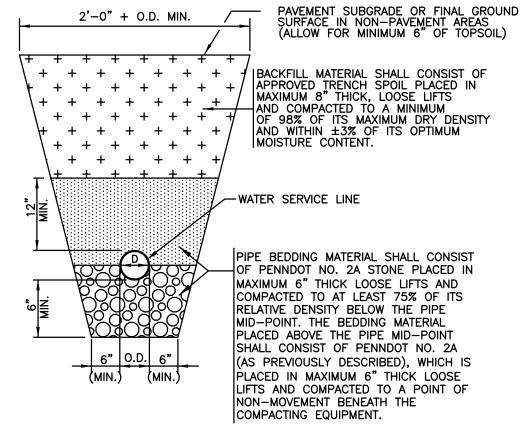


STORM AND SANITARY SEWER PIPE

D = INSIDE DIAMETERO.D. = OUTSIDE DIAMETER

COVE	R REQUIREMENTS
UTILITY	MINIMUM COVER REQUIRED *
STORM SEWER SANITARY SEWER WATER LINE	2.0 FT. 4.0 FT. 4.0 FT.

* AS MEASURED FROM TOP OF PIPE TO FINAL GROUND SURFACE



WATER SERVICE LINE

1. ALL MATERIALS EXCAVATED FROM THE UTILITY TRENCH SHALL BE STOCKPILED A MINIMUM SUFFICIENT DISTANCE FROM ALL TRENCHES TO PREVENT SLIDES OR CAVE-INS. 2. ALL BACKFILL MATERIALS SHALL BE APPROVED BY THE DEPARTMENT

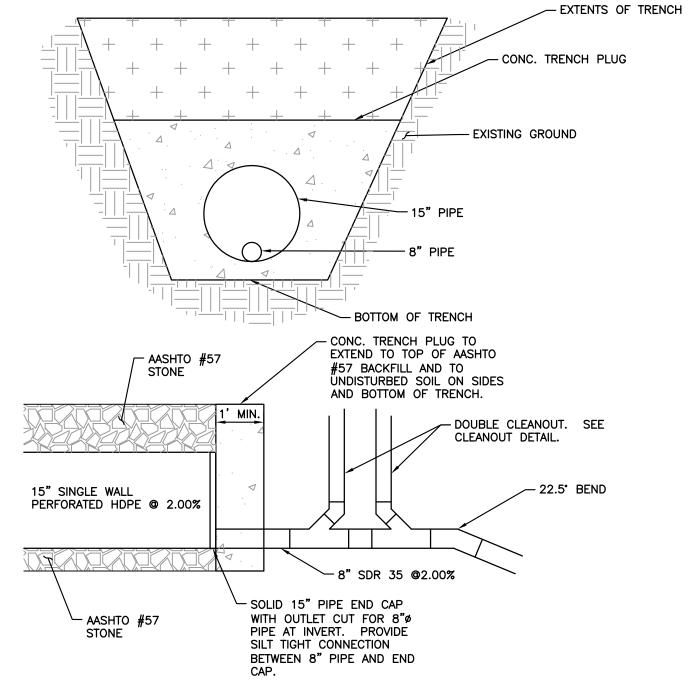
OR HIS REPRESENTATIVE BEFORE BEING PLACED. 3. THE PENNDOT NO. 2A STONE SHALL SATISFY THE REQUIREMENTS OF PENNDOT STANDARD SPECIFICATIONS.

4. THE MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT FOR THE BACKFILL MATERIALS SHALL BE DETERMINED BY ASTM D698, AND THE RELATIVE DENSITY OF THE AASHTO #57 STONE SHALL BE DETERMINED BY ASTM D4253 AND ASTM D4254. 5. THE CONTRACTOR SHALL CONSTRUCT THE UTILITY TRENCHES AND PROVIDE ADEQUATE SHORING (WHERE NECESSARY) IN CONFORMANCE WITH THE LATEST REQUIREMENTS FOR CONSTRUCTION STANDARD FOR EXCAVATIONS (29 CFR PART 1926.650 – .652 SUBPART P) PROMULGATED BY

6. THE CONTRACTOR SHALL VERIFY THAT THE MINIMUM SPECIFIED PIPE COVER IS PROVIDED BETWEEN THE FINAL GROUND SURFACE AND TOP OF PIPE BEFORE LAYING PIPE. PROVIDE A MINIMUM OF 2 FT. OF COVER ABOVE ALL PIPES DURING CONSTRUCTION.

7. THE TELEPHONE AND ELECTRIC CONDUIT WILL NOT SHARE THE SAME UTILITY TRENCH WHERE THEY ARE SEPARATED AT THE MANHOLE/VAULT LOCATIONS. 8. AT THE LOCATION OF PIPE CROSSINGS, THE CONTRACTOR MAY BE ALLOWED TO USE ONSITE MATERIAL AS BACKFILL IN CERTAIN LOCATIONS.

DETAIL 11 TYPICAL UTILITY TRENCH DETAILS



DETAIL 12 BULKHEAD REDUCER W/ CONC. TRENCH PLUG N.T.S.

CONCRETE OR -MASONRY WALL

DETAIL 52A

PENETRATION DETAIL

N.T.S.

CERAMIC FIBER

HIGH TEMPERATURE

NON-ACCESSIBLE SIDE OF WALL

SCHEDULE 40 PIPE SLEEVE

— LINK SEAL —

CORROSION RESISTANT BOLT

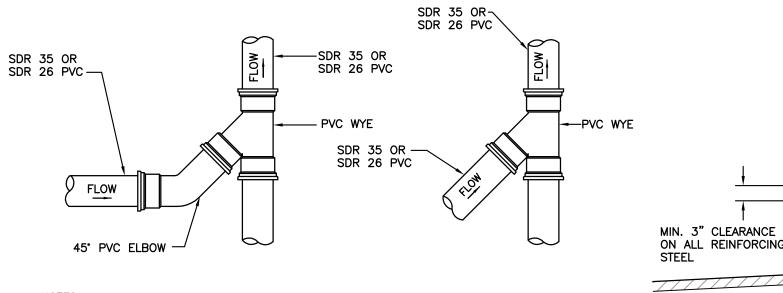
NUT AND PRESSURE PLATE -

ACCESSIBLE SIDE

GROUT AROUND ENTIRE

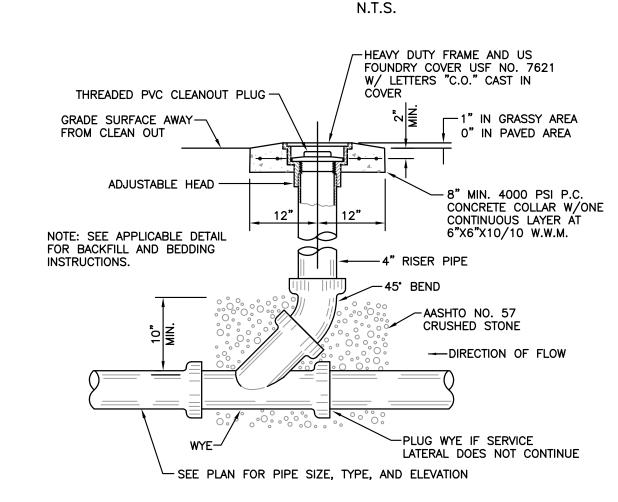
SLEEVE W/ NON-SHRINK GROUT-

- CONCRETE OR



1. THESE DETAILS APPLY TO STORM AND SANITARY SEWER CONNECTIONS WITH APPROPRIATE CHANGES TO WYE AND PIPE SIZES, AND PIPE MATERIALS. 2. ALL PVC PIPE AND FITTINGS SHALL BE MINIMUM SDR 35 WITH RUBBER GASKETED JOINTS.

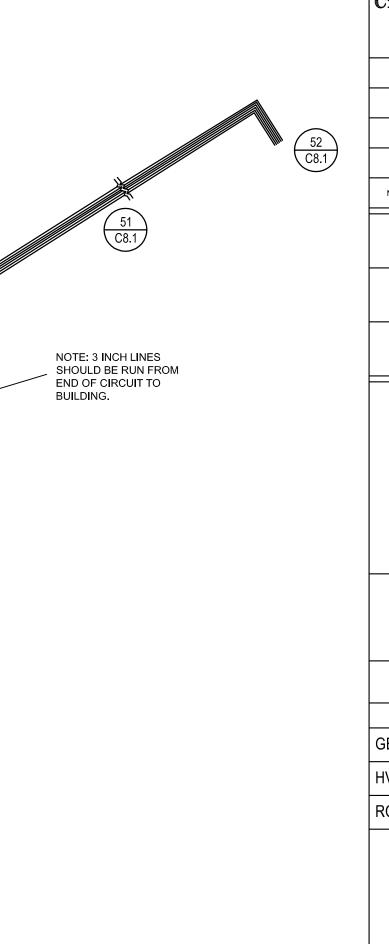
DETAIL 13 TYPICAL WYE CONNECTIONS



DETAIL 14 TYPICAL CLEAN-OUT

DETAIL 53

GEOTHERMAL LOOPFIELD LAYOUT



MIN. 3.5' INTO

STIFF TO HARD

DEPARTMENT

NATURAL SOILS OR

COMPACTED FILL, AS APPROVED BY THE

-#6 BARS

SPACED

WAYS

AT 6" BOTH

SLOPE

20% - 35%

35% - 50%

DETAIL 49

CONCRETE PIPE ANCHORS

N.T.S.

50% - >

SECTION A-A

C-C SPACING

36'- 0" MAX.

24'- 0" MAX.

16'- 0" MAX.

PIPE ANCHOR SPACING

Civil	333 Baldw	ronmental Consultants, Inc. rin Road - Pittsburgh, PA 15205-9072 .2324 · 800.365.2324 · Fax: 412.429.2114 www.cecinc.com	PROJ NUMI 070-	3ER
1	09/26/08	ISSUED FOR ADDENDUM		
NO.	DATE	REVISION		APPR.
SU	IBMITTED	•		
	PROJECT DE	ESIGNER PROJECT COORDINATOR		
AF	PPROVED			
	CHIEF - DIVI	SION OF DESIGN		
AF	PPROVED			
	DIRECTOR -			

AS-BUILT

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES OFFICE OF PARKS AND FORESTRY

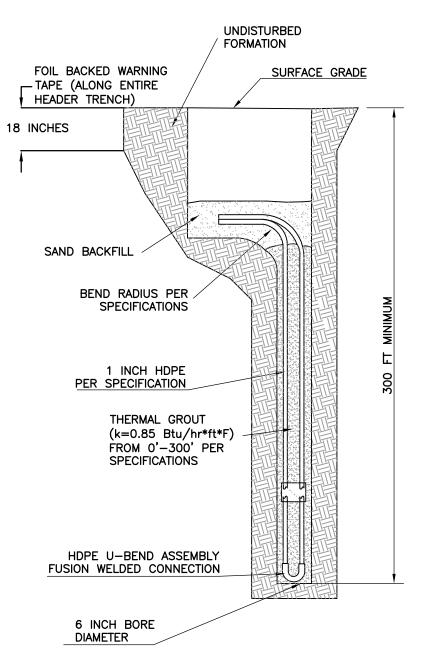
PROJECT NO: FDC-133-4494

APPLICABLE CONTRACT NO'S.		
GENERAL:	FDC-133-4494.1	PLUMBING:
HVAC:		ELECTRICAL:
ROADWAY:		

THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

CONSTRUCTION DETAILS

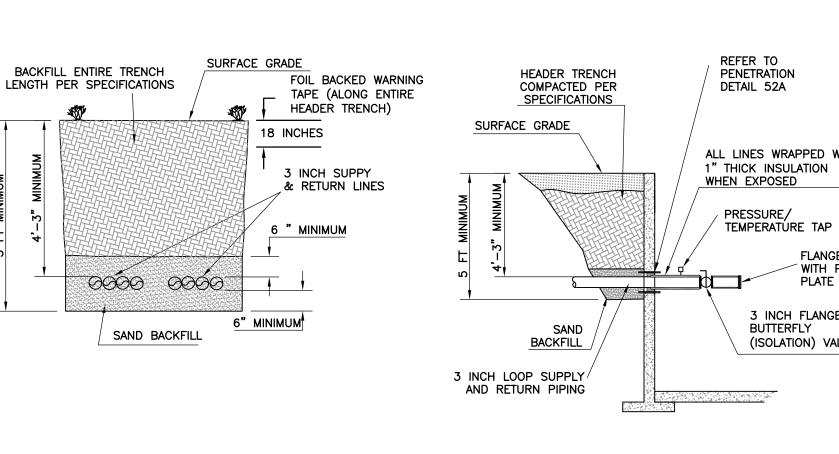
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DETAIL 50 BORE HOLE CONSTRUCTION DETAIL N.T.S.

DETAIL 51

DETAIL 52 GEOTHERMAL PIPING ENTRANCE DETAIL

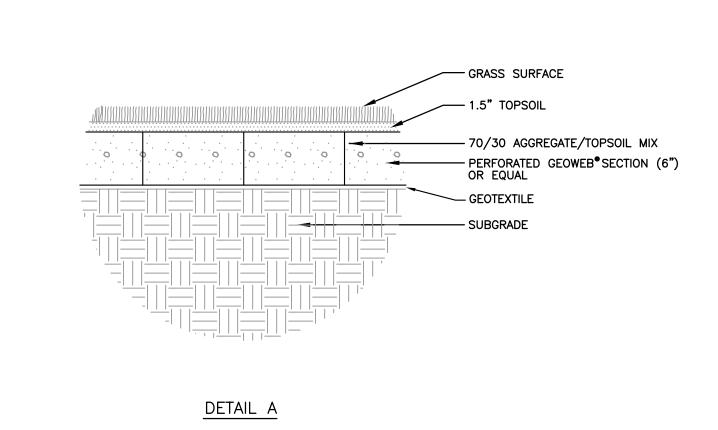


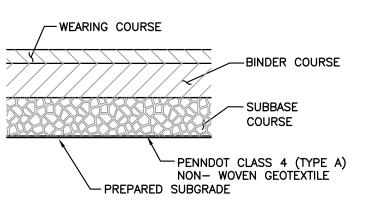
TYPICAL TRENCH DETAIL N.T.S.

ALL LINES WRAPPED WITH 1" THICK INSULATION FLANGE CONNECTION WITH PRESSURE PLATE 3 INCH FLANGED (ISOLATION) VALVE

N.T.S.







PENNDOT FORM 408 SPECIFICATION	ITEM	THICKNESS
SECTION 409, TYPE: 9.5MM PG 64-22	BITUMINOUS CONCRETE WEARING COURSE	2"
SECTION 409, TYPE: 25MM PG 64-22	BITUMINOUS CONCRETE BINDER COURSE	3"
SECTION 703, TYPE: 2A	SUBBASE COURSE	6 "

NOTE: THIS SECTION IS BASED ON A CBR OF 2-4%. CONTRACTOR SHALL FIELD VERIFY CBR. IF CBR IS OUTSIDE OF THIS RANGE, DEPT. REP. WILL PROVIDE ALTERNATE DETAIL

DETAIL 19 REINFORCED TURF PARKING STALL N.T.S.

DETAIL 20 ASPHALT PAVEMENT

N.T.S.

FINAL GROUND SURFACE 18" MIN. SOIL —AASHTO #57 SIZE, 3' MIN. -4" DIA. FLEXIBLE PERFORATED PLASTIC PIPE, PLACED AT A MINIMUM 1% SLOPE - PENNDOT CLASS 1 NONWOVEN GEOTEXTILE 18" MIN.

> INSTALL AS SHOWN ON DRAINAGE PLAN AND IF GROUNDWATER SEEPAGE AREAS ARE ENCOUNTERED DURING CONSTRUCTION, INSTALL SUBSURFACE DRAINS AS NECESSARY.

DETAIL 23

-MOUND EARTH AROUND BASIN DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES -BOTTOM OF GRATE = 729.00

BASIN DETAIL

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ISSUED FOR ADDENDUM

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DIRECTOR - BUREAU OF FACILITY DESIGN AND CONSTRUCTION

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COMMONWEALTH OF PENNSYLVANIA

OFFICE OF PARKS AND FORESTRY

09/26/08

CHIEF - DIVISION OF DESIGN

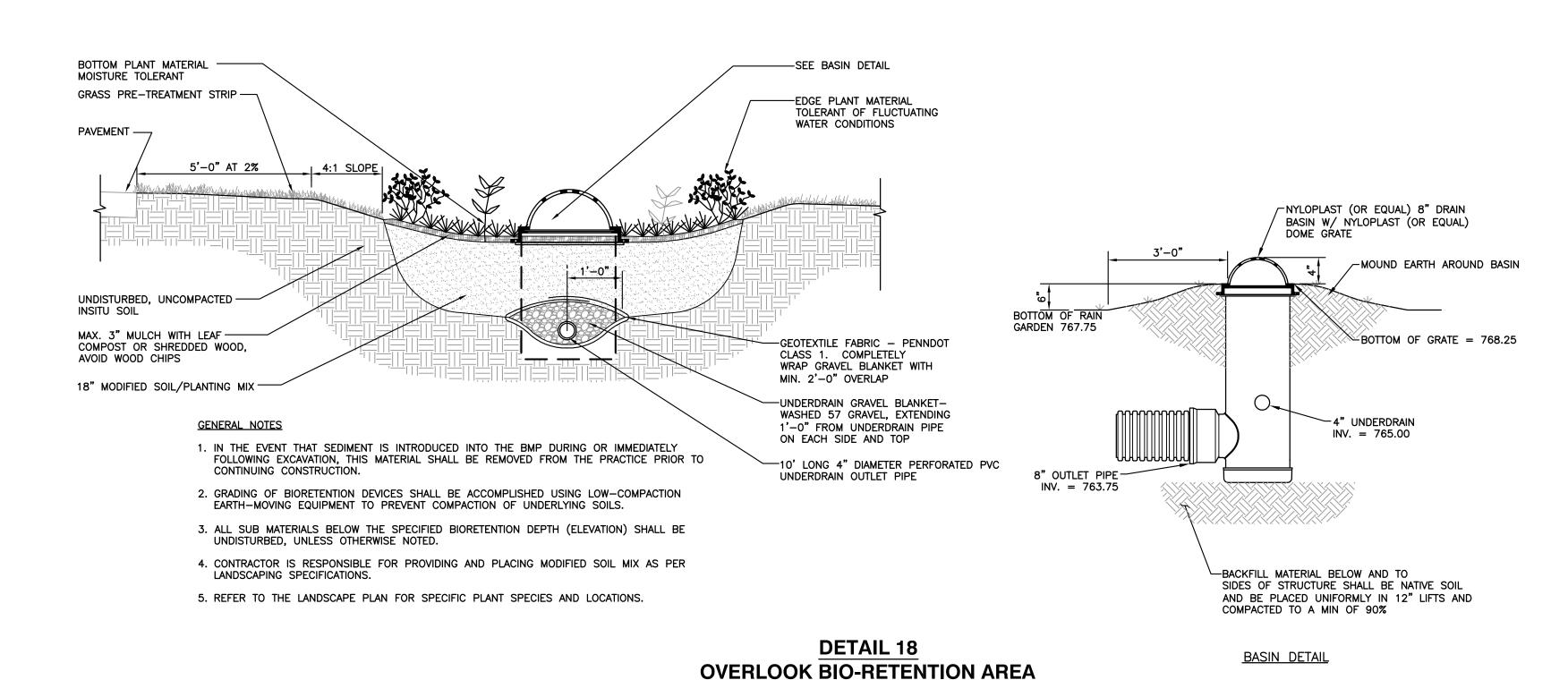
AS A RESULT.

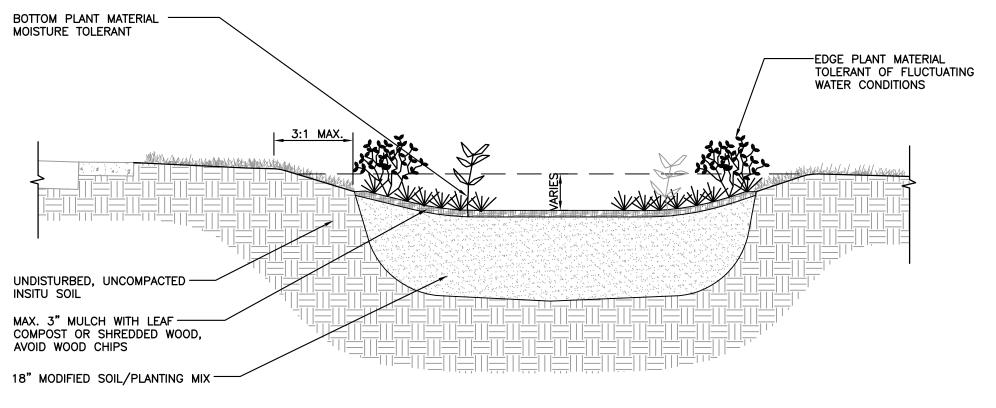
PROJECT

THE INN AT BALD EAGLE STATE PARK HOWARD AND LIBERTY TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

CONSTRUCTION DETAILS

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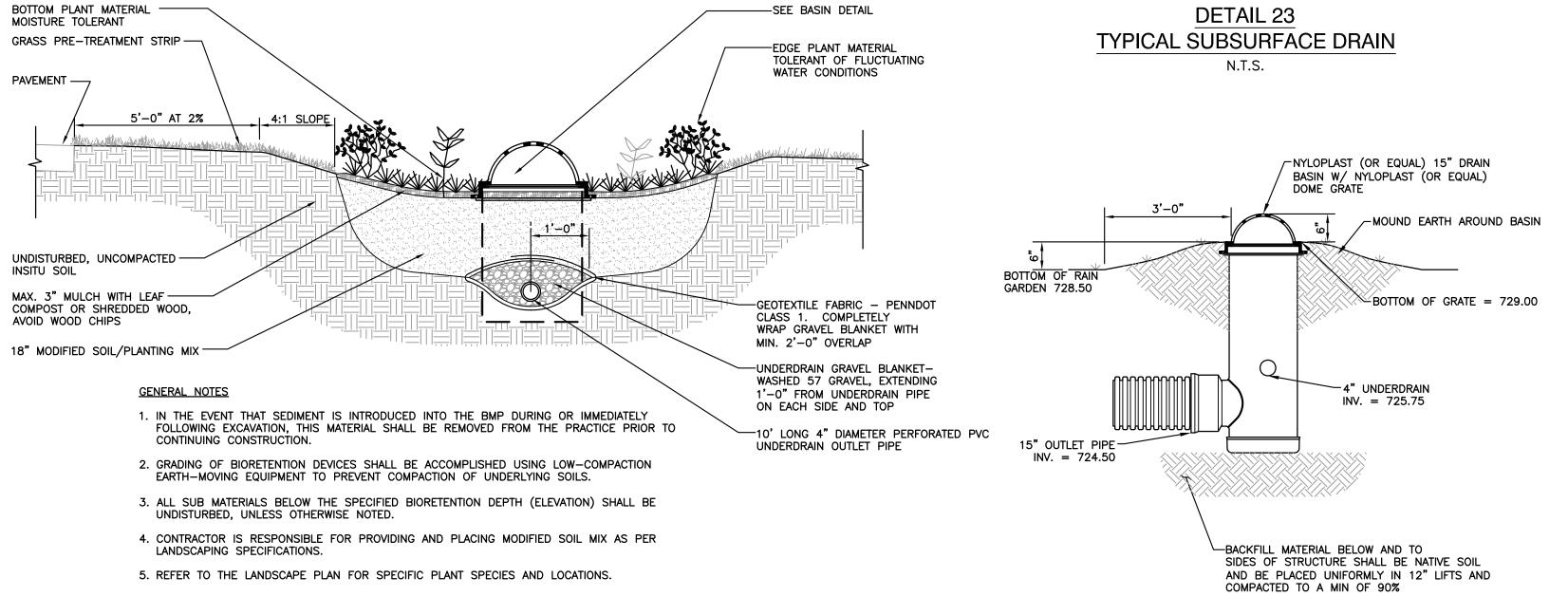




GENERAL NOTES

- 1. IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE BMP DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL SHALL BE REMOVED FROM THE PRACTICE PRIOR TO CONTINUING CONSTRUCTION.
- 2. GRADING OF BIORETENTION DEVICES SHALL BE ACCOMPLISHED USING LOW-COMPACTION EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF UNDERLYING SOILS.
- 3. ALL SUB MATERIALS BELOW THE SPECIFIED BIORETENTION DEPTH (ELEVATION) SHALL BE UNDISTURBED, UNLESS OTHERWISE NOTED.
- 4. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PLACING MODIFIED SOIL MIX AS PER LANDSCAPING SPECIFICATIONS.
- 5. REFER TO THE LANDSCAPE PLAN FOR SPECIFIC PLANT SPECIES AND LOCATIONS.

DETAIL 21 RAIN GARDEN N.T.S.



—SEE BASIN DETAIL

DETAIL 22 BIO-RETENTION AREA WITH OUTLET BASIN

N.T.S.