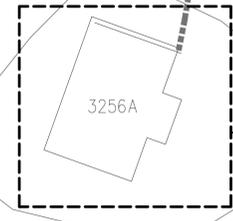
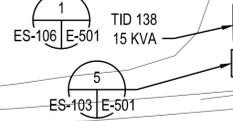


SEE SHEET ES-103 FOR CONTINUATION



GENERAL NOTES

- ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED "EXISTING", "EXIST.", OR "(E)".
- VERIFY LOCATIONS AND DIMENSIONS OF EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
- PROVIDE (2) 5" HDPE CONDUITS SUITABLE FOR DIRECTIONAL BORE APPLICATION.
- NOTE NOT USED
- PROVIDE HANDHOLE AND INTERCEPT EXISTING LOW VOLTAGE FEEDER TO BUILDING 3256A. PROVIDE 4#3+1#6 GROUND IN 2" SCHEDULE 40 PVC CONDUIT AND EXTEND TO TRANSFORMER SECONDARY COMPARTMENT.
- KUNAR TRAIL. THIS AREA IS HEAVILY TRAFFICKED DURING 1 MAY 2016 - 16 AUGUST 2016. CAREFUL COORDINATION WITH OCS WILL BE NEEDED DURING CONSTRUCTION.

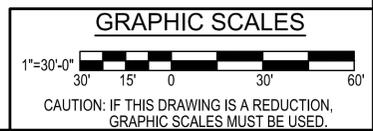
NOTES



SUMMER CONSULTANTS INCORPORATED
 7900 Westpark Drive | Suite 4405 | McLean, VA 22102
 (703) 556-8820 | www.summerconsultants.com

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES: KU DRW: EP CHK: SSC/PC
BRANCH MANAGER
CHIEF ENGINEER

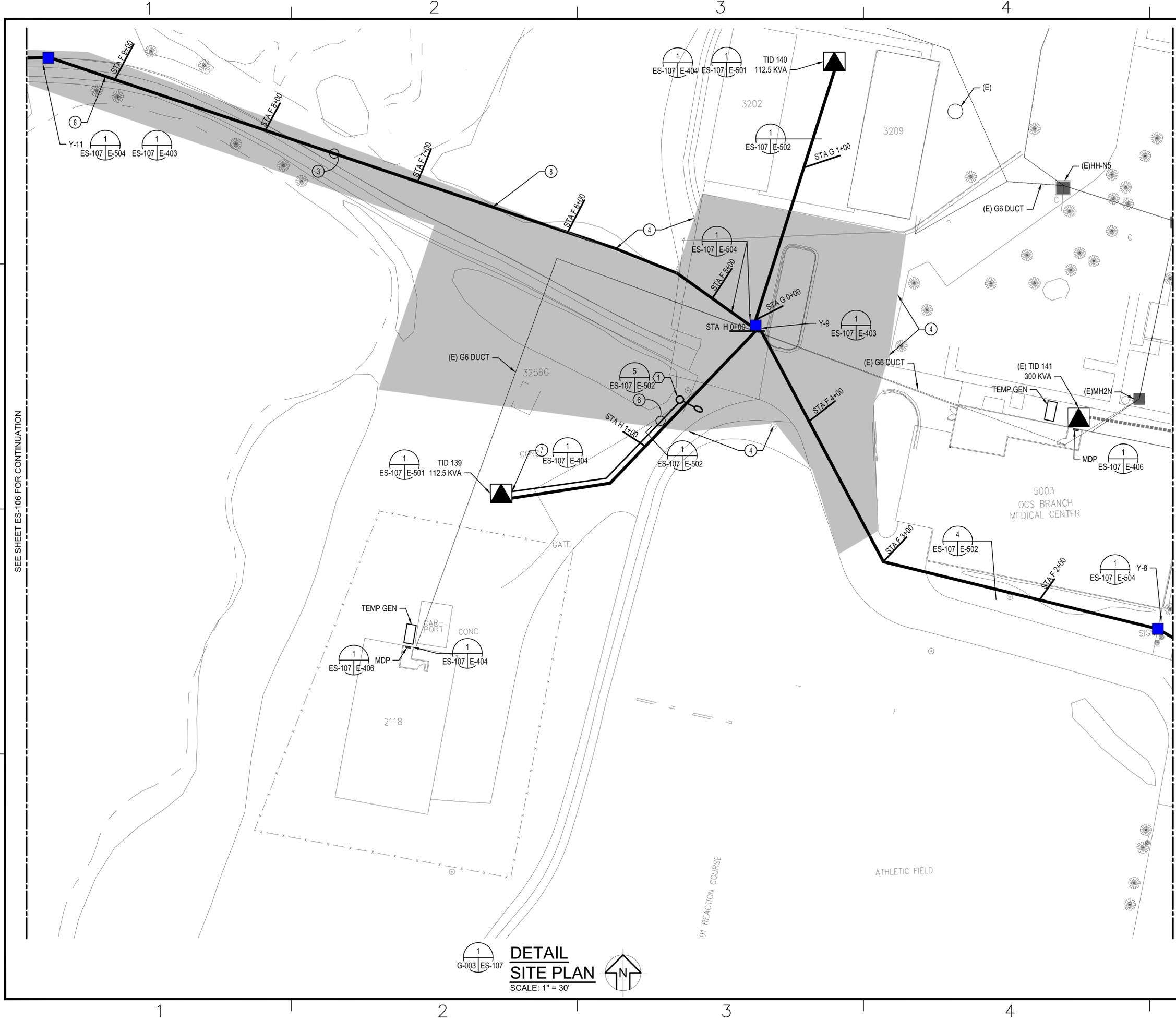
DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - WASHINGTON
 RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
 MARINE CORPS BASE QUANTICO
 QUANTICO, VA
**P714 REPAIR OCS ELECTRIC SYSTEM
 SUBSTATION, CONDUITS, AND CABLES**
 SITE PLAN



SCALE: AS NOTED
EPROJECT NO.: QU1536M
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 3189973
SHEET 64 OF 105
ES-106

FILE NAME: ES-101 SITE PLANDWG
 OUR REF: XXXXX
 PROJECT: XXXXXX
 PLOT DATE: 11/20/2016 11:35:49 PM

SEE SHEET ES-107 FOR CONTINUATION

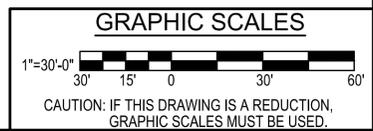


- ### GENERAL NOTES
- ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED "EXISTING", "EXIST.", OR "(E)".
 - VERIFY LOCATIONS AND DIMENSIONS OF EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
- ### NOTES
- PROVIDE (2) 5" HDPE CONDUITS SUITABLE FOR DIRECTIONAL BORE APPLICATION.
 - THIS AREA OF INTERSECTIONS IS HIGHLY USED THROUGH 1 MAY 2016 - 16 AUGUST 2016. CAREFUL COORDINATION WITH OCS WILL BE NEEDED DURING CONSTRUCTION.
 - COMCAST IS CURRENTLY BEING INSTALLED, DIRECT BURIED, NEAR G-6 ROUTE OF DUCT.
 - PROVIDE DIRECT BURIED 2" SCHEDULE 40 PVC CONDUIT WITH 3#8+1#10 GROUND IN SAME TRENCH AS MEDIUM VOLTAGE DUCT BANK.
 - PROVIDE 20A SINGLE POLE FUSED SAFETY SWITCH IN NEMA 3R ENCLOSURE TO SERVE STREET LIGHT CIRCUIT. CONNECT TO TRANSFORMER SECONDARY.
 - WETLANDS ARE LOCATED APPROXIMATELY BETWEEN POINTS INDICATED. COORDINATE WITH QUANTICO ENVIRONMENTAL FOR EXACT BOUNDARY.

SEE SHEET ES-106 FOR CONTINUATION

SEE SHEET ES-108 FOR CONTINUATION

DETAIL SITE PLAN
SCALE: 1" = 30'



DATE	APR
DESCRIPTION	
SYN	
SUMMER CONSULTANTS INCORPORATED <small>7900 Westpark Drive Suite A405 McLean, VA 22102 (703) 556-8820 www.summerconsultants.com</small>	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES	KU
DRW	EP
CHK	SS/CPC
BRANCH MANAGER	
CHIEF ENGINEER	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND - WASHINGTON RESIDENT OFFICER IN CHARGE OF CONSTRUCTION MARINE CORPS BASE QUANTICO QUANTICO, VA P714 REPAIR OCS ELECTRIC SYSTEM SUBSTATION, CONDUITS, AND CABLES SITE PLAN	
SCALE: AS NOTED	
EPROJECT NO.: QU1536M	
CONSTR. CONTR. NO.	
NAVAFAC DRAWING NO. 3189974	
SHEET 65 OF 105	
ES-107 <small>DRAWING REVISION: 10 MARCH 2019</small>	

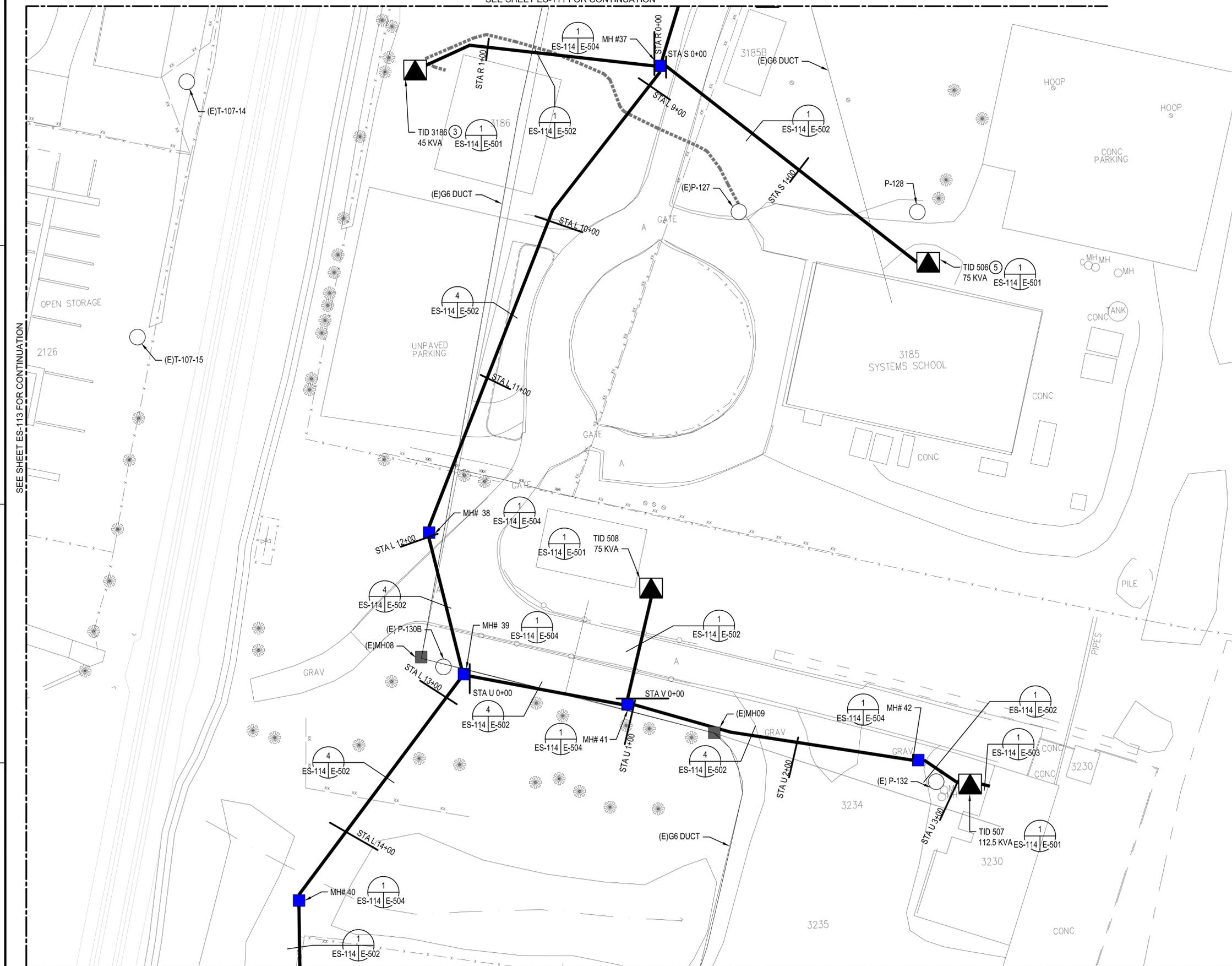
FILE NAME: ES-101 SITE PLANDWG
 OUR REF: XXXXX
 PROJECT: XXXXXX
 PLOT DATE: 1/13/2016 11:35:51 PM

SEE SHEET ES-111 FOR CONTINUATION

GENERAL NOTES

- ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED "EXISTING", "EXIST.", OR "(E)".
- VERIFY LOCATIONS AND DIMENSIONS OF EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
- SEE DETAIL 1 ON SHEET E-402 FOR SERVICE ENTRANCE REQUIREMENTS.
- COMCAST IS CURRENTLY BEING INSTALLED, DIRECT BURIED, NEAR G-6 ROUTE OF DUCT.
- INTERCEPT EXISTING LOW VOLTAGE SECONDARY FEEDER ON EXISTING TRANSFORMER PAD. PROVIDE CONDUIT AND CONDUCTOR PER SCHEDULE ON E-701 AND EXTEND TO SECONDARY COMPARTMENT OF TRANSFORMER PROVIDED.

NOTES



SEE SHEET ES-116 FOR CONTINUATION



DETAIL
SITE PLAN
 SCALE: 1" = 30'

GRAPHIC SCALES
 1"=30'-0"

 CAUTION: IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALES MUST BE USED.

  SUMMER CONSULTANTS INCORPORATED <small>7900 Westpark Drive Suite 4405 McLean, VA 22102 (703) 556-8820 www.summerconsultants.com</small>	QUANTICO, VA P714 REPAIR OCS ELECTRIC SYSTEM SUBSTATION, CONDUITS, AND CABLES SITE PLAN
<small>FOR COMMANDER NAVAFAC</small> ACTIVITY: _____ SATISFACTORY TO: _____ DATE: _____ DES: <u>KU</u> DRW: <u>EP</u> CHK: <u>SS/CP</u> BRANCH MANAGER: _____ CHIEF ENGINEER: _____	
<small>DEPARTMENT OF THE NAVY</small> NAVAL FACILITIES ENGINEERING COMMAND - WASHINGTON <small>RESIDENT OFFICER IN CHARGE OF CONSTRUCTION</small> MARINE CORPS BASE QUANTICO QUANTICO, VA	
SCALE: AS NOTED PROJECT NO.: QU1536M CONSTR. CONTR. NO.: _____ NAVAFAC DRAWING NO.: 3189981 SHEET 72 OF 105 ES-114 <small>DRAWING REVISION: 10 MARCH 2019</small>	

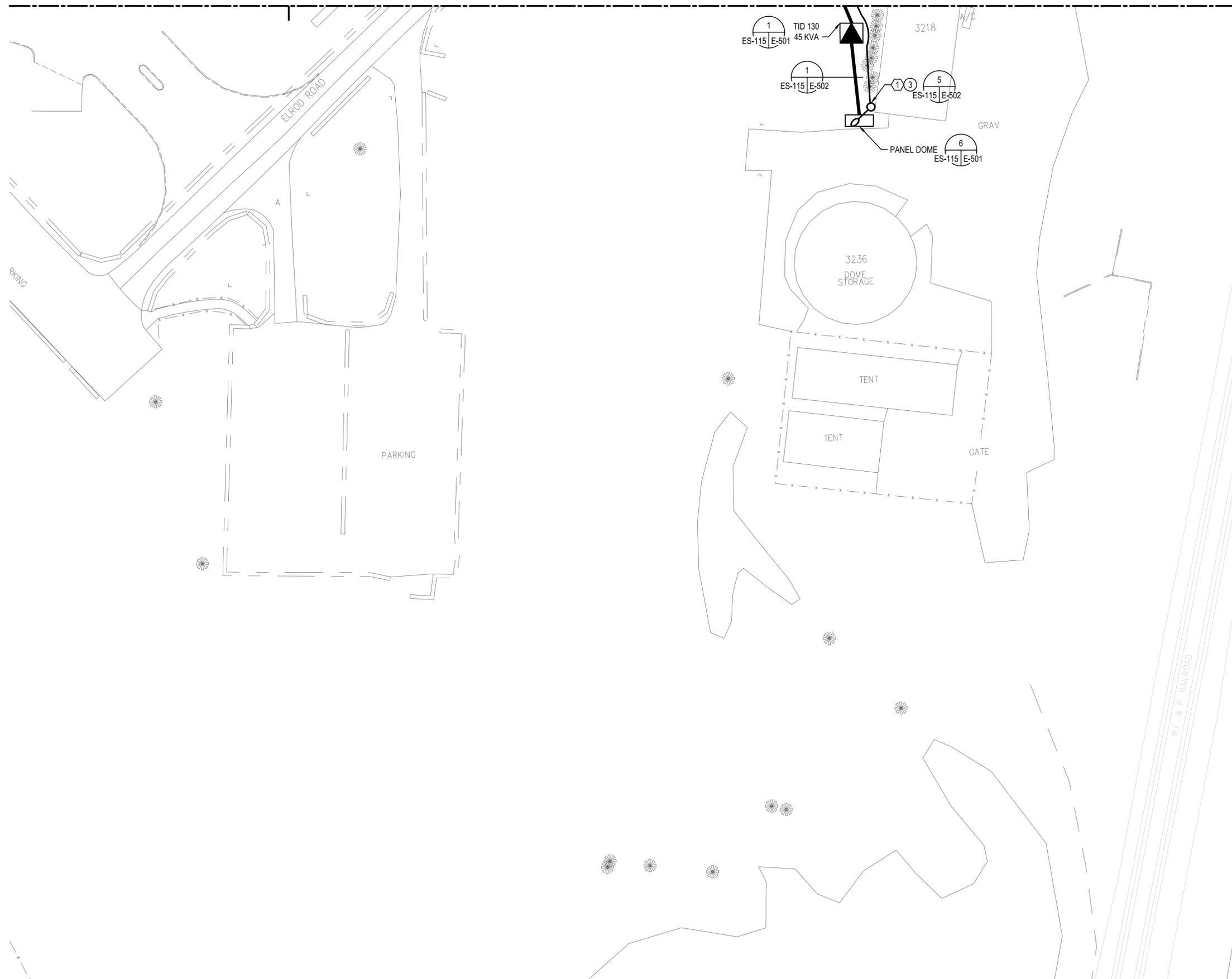
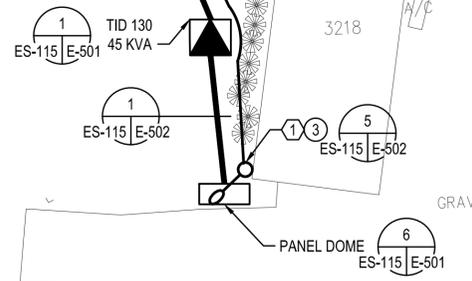
FILE NAME: ES-101 SITE PLANDWG
 OUR REF: XXXXX
 PROJECT: XXXXXX
 PLOT DATE: 1/13/2016 11:36:06 PM

SEE SHEET ES-113 FOR CONTINUATION

GENERAL NOTES

- ① ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED "EXISTING", "EXIST.", OR "(E)".
- ② VERIFY LOCATIONS AND DIMENSIONS OF EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
- ③ PROVIDE 2" DIRECT BURIED SCHEDULE 40 PVC WITH 3#8+1#10 GROUND. CONNECT STREETLIGHT TO SPARE CIRCUIT IN PANEL DOME.
- ④

NOTES





DETAIL SITE PLAN
 SCALE: 1" = 30'
 G-003 ES-115

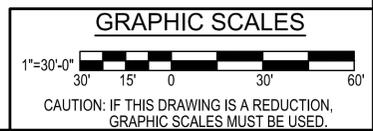
SEE SHEET ES-116 FOR CONTINUATION



SUMMER CONSULTANTS INCORPORATED
 7900 Westpark Drive | Suite 4405 | McLean, VA 22102
 (703) 556-8820 | www.summerconsultants.com

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES: KU DRW: EP CHK: SSC/PC
BRANCH MANAGER
CHIEF ENGINEER

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - WASHINGTON
 RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
 MARINE CORPS BASE QUANTICO
 QUANTICO, VA
**P714 REPAIR OCS ELECTRIC SYSTEM
 SUBSTATION, CONDUITS, AND CABLES**
 SITE PLAN



SCALE: AS NOTED
EPROJECT NO.: QU1536M
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 3189982
SHEET 73 OF 105
ES-115

DRAWN FOR REVISION: 10 MARCH 2016

FILE NAME: ES-101 SITE PLANDWG
 OUR REF: XXXXX
 PROJECT: XXXXXX
 PLOT DATE: 1/13/2016 11:38:09 PM

