

1. NEW CONNECTION LOCATIONS, SIZE & TYPE OF CONDUIT, TRANSFORMERS, METERS & OTHER ELEMENTS TO SERVE THE BUILDINGS SHALL BE COORDINATED BETWEEN THE OWNER AND THE NORTHEAST UTILITIES SERVICE COMPANY (EVERSOURCE).

- ## WATER

**ELECTRIC & TELECOMMUNICATIONS**

1. NEW CONNECTION LOCATIONS, SIZE & TYPE OF CONDUIT, TRANSFORMERS, METERS & OTHER ELEMENTS TO SERVE THE BUILDINGS SHALL BE COORDINATED BETWEEN THE OWNER AND THE NORTHEAST UTILITIES SERVICE COMPANY (EVERSOURCE).

**WATER**

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE KENSINGTON FIRE DISTRICT, TOWN OF BERLIN, AND THE STATE OF CONNECTICUT, AS APPLICABLE.

2. A NEW 8" CLDIP (CLASS 52) WATER MAIN SHALL BE INSTALLED WITHIN THE BOULEVARD TO SERVE THE DEVELOPMENT FROM THE EXISTING 12" MAIN IN FARMINGTON AVENUE. TAPPING LOCATION AND CONNECTION REQUIREMENTS TO BE COORDINATED WITH KENSINGTON FIRE DISTRICT.

3. EACH BUILDING WILL BE SERVED BY A SEPARATE FIRE AND DOMESTIC SERVICES FROM A NEW 8" CLDIP MAIN. SERVICE & METER SIZES TO BE CONFIRMED BY PROJECT ARCHITECT.

**Luminaire Schedule**

Qty	Label	Watts	Arrangement	LLF	Description
9	S3	75.5	SINGLE	0.900	AAL PROL2-72L-335-3K7-3-x-PTx-UNV / MTD to 12ft Pole
4	S4	75.7	SINGLE	0.900	AAL PROL2-72L-335-3K7-4W-x-PTx-UNV / MTD to 12ft Pole
8	S5	75.7	SINGLE	0.900	AAL PROL2-72L-335-3K7-5W-x-PTx-UNV / MTD to 12ft Pole

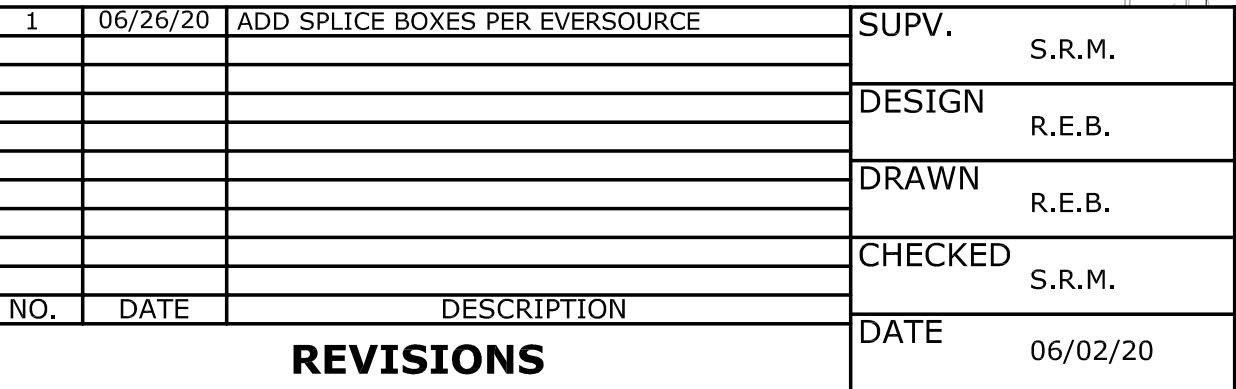
**GENERAL UTILITY NOTES**

- THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAS BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UTILITIES. UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE UTILITY COMPANY AND THE COST OF REPAIR WORK SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG AT 811 (OR VISIT CBYD.COM) FOR MARKING OF EXISTING UTILITIES AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION.
- THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF NECESSARY RELOCATIONS IF REQUIRED AND SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF THE UTILITY COMPANIES. ALL REQUIRED UTILITY RELOCATIONS SHALL BE PERFORMED BY THE RESPECTIVE UTILITY COMPANY UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES PRIOR TO STARTING ANY WORK AND COORDINATE HIS WORK WITH THE UTILITY COMPANY WORK. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE RESPECTIVE UTILITY COMPANY TO HOLD ANY POLES THAT NEED TO BE SUPPORTED DURING THE CONTRACTOR'S TRENCHING OPERATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITIES WHEN INSTALLING PIPE AND STRUCTURES. THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND PROVIDE SHORING OR OTHER SUCH MEASURES WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES TO PROTECT SUCH UTILITIES. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED TO PROTECT EXISTING UTILITIES.
- THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.
- FOR CLARITY PIPES MAY NOT BE DRAWN TO SCALE OR EXACTLY LOCATED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE KENSINGTON FIRE DISTRICT, TOWN OF BERLIN AND STATE OF CONNECTICUT AS APPLICABLE.
- SANITARY SEWERS SHALL BE SDR-35 OR APPROVED EQUAL.
- WATER MAINS SHALL BE CLDIP CLASS 52 OR APPROVED EQUAL.
- STORM SEWER PIPE SHALL BE HDPE N-12 OR APPROVED EQUAL OR UNLESS OTHERWISE NOTED ON THE PLANS. RCP SHALL BE INSTALLED WITHIN THE FARMINGTON AVENUE RIGHT-OF-WAY.
- SUBSURFACE DETENTION SYSTEM SHALL BE CONSIDERED "BID ALTERNATE NO. 1" AS A LUMP SUM PAY ITEM AND SHALL BE "ALL INCLUSIVE" MEASURED TO THE OUTER LIMITS OF SURROUNDING CRUSHED STONE PERIMETER OF THE SYSTEM INCLUSIVE OF PMDH-401 AND THE OUTLET CONTROL STRUCTURE PMDH-400.
- CONTRACTOR TO INSTALL 2" PVC SCHEDULE 40 CONDUIT TO ALL LIGHT POLES UNLESS OTHERWISE NOTED ON THE PLANS. SCHEDULE 80 PVC SHALL BE INSTALLED UNDER ALL PAVED OR ROADWAY SURFACES. CONTRACTOR SHALL ALSO PROVIDE ALL POWER AND WIRING CONNECTIONS NECESSARY PER THE MANUFACTURER REQUIREMENTS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE USE OF SCHEDULE 80 UNDER PAVED SURFACES BUT SHALL BE INCLUDED IN THE COST OF "ITEM 1008189 2" PVC CONDUIT."
- UNDERGROUND ELECTRIC & UTILITY DUCT BANK SHALL CONSIST OF PVC SCHEDULE 40 CONDUIT UNLESS OTHERWISE NOTED ON THE PLANS OR DETAIL. SCHEDULE 80 PVC SHALL BE INSTALLED UNDER ALL PAVED OR ROADWAY SURFACES. WIRING BY RESPECTIVE UTILITIES. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE USE OF SCHEDULE 80 UNDER PAVED SURFACES BUT SHALL BE INCLUDED IN THE COST OF "ITEM 1008326 UNDERGROUND ELECTRIC & UTILITY DUCT BANK."

MATCH MARK SHEET 10

( IN FEET )  
1 inch = 20 ft.

3. THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAS BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UTILITIES. UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE UTILITY COMPANY AND THE COST OF REPAIR WORK SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG AT 811 (OR VISIT CBYD.COM) FOR MARKING OF EXISTING UTILITIES AT LEAST FORTY- EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION.
3. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF NECESSARY RELOCATIONS IF REQUIRED AND SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF THE UTILITY COMPANIES. ALL REQUIRED UTILITY RELOCATIONS SHALL BE PERFORMED BY THE RESPECTIVE UTILITY COMPANY UNLESS OTHERWISE SPECIFIED.
4. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES PRIOR TO STARTING ANY WORK AND COORDINATE HIS WORK WITH THE UTILITY COMPANY WORK. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE RESPECTIVE UTILITY COMPANY TO HOLD ANY POLES THAT NEED TO BE SUPPORTED DURING THE CONTRACTOR'S TRENCHING OPERATIONS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITIES WHEN INSTALLING PIPE AND STRUCTURES. THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND PROVIDE SHORING OR OTHER SUCH MEASURES WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES TO PROTECT SUCH UTILITIES. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED TO PROTECT EXISTING UTILITIES.
6. THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.
7. FOR CLARITY PIPES MAY NOT BE DRAWN TO SCALE OR EXACTLY LOCATED.
8. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE KENNESAW FIRE DISTRICT, TOWN OF BERLIN AND STATE OF CONNECTICUT AS APPLICABLE.
9. SANITARY SEWERS SHALL BE SDR-35 OR APPROVED EQUAL.
10. WATER MAINS SHALL BE CLDIP CLASS 52 OR APPROVED EQUAL.
11. STORM SEWER PIPE SHALL BE HDPE N-12 OR APPROVED EQUAL OR UNLESS OTHERWISE NOTED ON THE PLANS. RCP SHALL BE INSTALLED WITHIN THE FARMINGTON AVENUE RIGHT-OF-WAY.
12. SUBSURFACE DETENTION SYSTEM SHALL BE CONSIDERED "BID ALTERNATE NO. 1" AS A LUMP SUM PAY ITEM AND SHALL BE "ALL INCLUSIVE" MEASURED TO THE OUTER LIMITS OF SURROUNDING CRUSHED STONE PERIMETER OF THE SYSTEM INCLUSIVE OF PDMH-401 AND THE OUTLET CONTROL STRUCTURE PDMH-400.
13. CONTRACTOR TO INSTALL 2" PVC SCHEDULE 40 CONDUIT TO ALL LIGHT POLES UNLESS OTHERWISE NOTED ON THE PLANS. SCHEDULE 80 PVC SHALL BE INSTALLED UNDER ALL PAVED OR ROADWAY SURFACES. CONTRACTOR SHALL ALSO PROVIDE ALL POWER AND WIRING CONNECTIONS NECESSARY PER THE MANUFACTURER REQUIREMENTS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE USE OF SCHEDULE 80 UNDER PAVED SURFACES BUT SHALL BE INCLUDED IN THE COST OF "ITEM 1008189 2" PVC CONDUIT."
14. UNDERGROUND ELECTRIC & UTILITY DUCT BANK SHALL CONSIST OF PVC SCHEDULE 40 CONDUIT UNLESS OTHERWISE NOTED ON THE PLANS OR DETAIL. SCHEDULE 80 PVC SHALL BE INSTALLED UNDER ALL PAVED OR ROADWAY SURFACES. WIRING BY RESPECTIVE UTILITIES. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE USE OF SCHEDULE 80 UNDER PAVED SURFACES BUT SHALL BE INCLUDED IN THE COST OF "ITEM 1008326 UNDERGROUND ELECTRIC & UTILITY DUCT BANK."



D - BERLIN_BLVDPD BERLIN_BLVDPD 14083.10 -					SHEET	9
SIZE	PROJECT	FILE NAME	NUMBER	REV.	OF	33