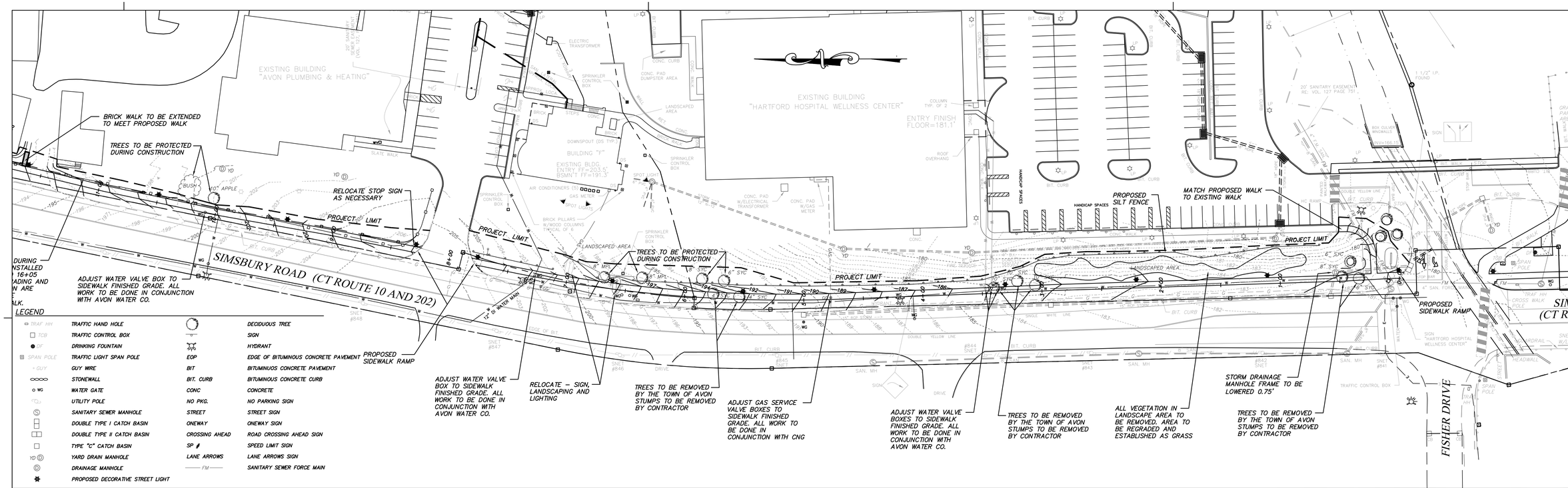
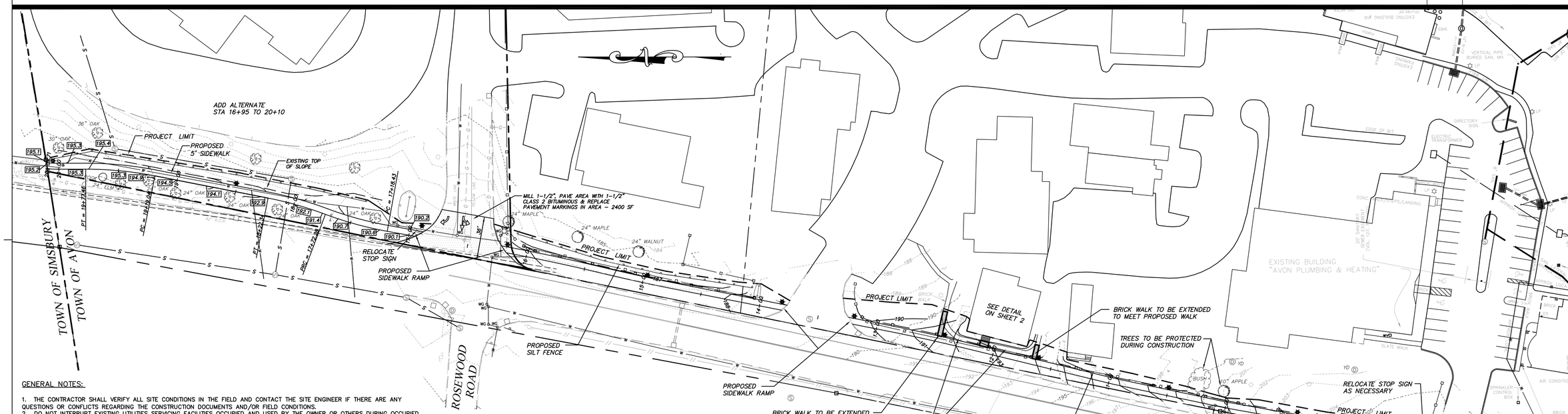


LEGEND

TRAF HH	TRAFFIC HAND HOLE		DECIDUOUS TREE
TCB	TRAFFIC CONTROL BOX		SIGN
DF	DRINKING FOUNTAIN		HYDRANT
SPAN POLE	TRAFFIC LIGHT SPAN POLE	EOP	EDGE OF BITUMINOUS CONCRETE PAVEMENT
GUY	GUY WIRE	BIT	BITUMINUOS CONCRETE PAVEMENT
	STONEWALL	BIT. CURB	BITUMINOUS CONCRETE CURB
WG	WATER GATE	CONC	CONCRETE
	UTILITY POLE	NO PKG.	NO PARKING SIGN
	SANITARY SEWER MANHOLE	STREET	STREET SIGN
	DOUBLE TYPE I CATCH BASIN	ONEWAY	ONEWAY SIGN
	DOUBLE TYPE II CATCH BASIN	CROSSING AHEAD	ROAD CROSSING AHEAD SIGN
	TYPE "C" CATCH BASIN	SP #	SPEED LIMIT SIGN
YD	YARD DRAIN MANHOLE	LANE ARROWS	LANE ARROWS SIGN
	DRAINAGE MANHOLE	FM	SANITARY SEWER FORCE MAIN
	PROPOSED DECORATIVE STREET LIGHT		



GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE SITE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS.
2. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
3. THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
5. THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR THE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
6. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 800-922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
7. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
8. IF PLANS AND OR SPECIFICATIONS ARE IN CONFLICT, THE THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY
9. ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION. PLAN SETS SHALL NOT BE DISASSEMBLED INTO PARTIAL PLAN SETS FOR USE BY THE CONTRACTORS AND SUBCONTRACTORS OF INDIVIDUAL TRADES. IT SHALL BE THE CONTRACTORS' AND SUBCONTRACTORS' RESPONSIBILITY TO OBTAIN COMPLETE PLAN SETS FOR USE IN BIDDING AND CONSTRUCTION.
10. ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
11. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF THE SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF WORK.
12. THESE PLANS ARE FOR CONSTRUCTION.

NOTES:

1. ANY DAMAGE TO SPRINKLER HEADS AND OR LINES IS TO BE REPAIRED AS PART OF THIS PROJECT. CONTRACTOR TO LOCATE SPRINKLER HEADS PRIOR TO CONSTRUCTION.

2. TOWN OF AVON ENGINEERING TO PROVIDE CONSTRUCTION STAKEOUT.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

816 CONSTRUCTION NOTES:

ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE DISTRICT 4 PERMIT SECTION AT NO COST TO THE STATE.

ALL WORK WITHIN THE STATE RIGHT OF WAY WILL COMPLY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816 WITH THE LATEST SPECIAL PROVISIONS AND TYPICAL STATE STANDARD DETAILS

ADDITIONAL GENERAL NOTES:

1. EXISTING TRAFFIC SIGNS SHALL BE RELOCATED AS NECESSARY AT NEW SIDEWALK LOCATIONS. CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STATE OF CONNECTICUT STANDARD SPECIFICATIONS, FORM 816.

2. CONTRACTOR SHALL REPLACE PAVEMENT MARKINGS WHICH ARE DEMOLISHED BY CONSTRUCTION ON ALL ROADS WHERE PROPOSED WORK IS SHOWN.

DATE	REVISION
6-30-16	ADDED AREA TO BE MILLED AND PAVED

DATE: JULY 17, 2015

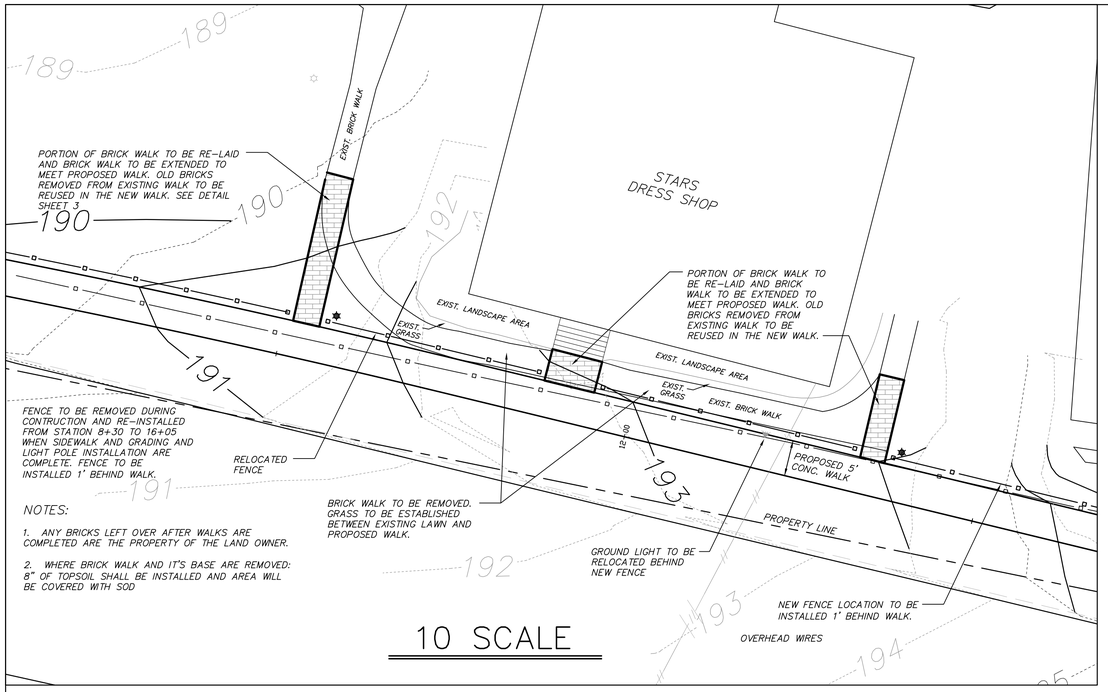
SCALE: 1 IN. = 40 FT.

TOWN OF AVON *Engineering Department*
60 West Main Street, Avon Connecticut 06001
860-409-4322

PROPOSED AVON STREETSCAPE IMPROVEMENT PROJECT
SIMSBURY ROAD (CT ROUTE 10 AND 202), AVON, CONNECTICUT

Sheet 1

N:\ENGINEERING\Projects\CENTER-PROJECT\dwg\CENTER PROJECT4.dwg, SIDEWALK-SHT1



NOTES:

1. ANY BRICKS LEFT OVER AFTER WALKS ARE COMPLETED ARE THE PROPERTY OF THE LAND OWNER.

2. WHERE BRICK WALK AND IT'S BASE ARE REMOVED: 8" OF TOPSOIL SHALL BE INSTALLED AND AREA WILL BE COVERED WITH SOD

10 SCALE

LIGHTING SCHEDULE (FOR INFORMATIONAL PURPOSES)

TYPE	LUMS	WATTS	POLE HEIGHT	MOUNT	MANUFACTURER	FIXTURE MODEL #	POLE MODEL #
Q1	1	52W LED	10'	POLE	LUMEC	[S26A-010]-55W32LED4K-R-QL-[C-002]-LE2-UNIV-PH8-SCRAL3007TX	R80A-10-DRI-TBC2-SCRAL3007TX

1. THE LIGHT POLE LUMINAIRES SHALL BE FURNISHED WITH AN AUTO-ADJUSTING UNIVERSAL VOLTAGE INPUT DRIVER FROM 120V TO 277V. THE BRANCH CIRCUIT WIRING WAS SIZED TO PROVIDE A VOLTAGE DROP OF 10V ON A 240V CIRCUIT OR APPROXIMATELY 4.5% AT THE LAST FIXTURE USING AN EXPANSION FACTOR OR FACTOR OF SAFETY OF 3X. THE BRANCH CIRCUIT WIRING WAS SIZED THE SAME BETWEEN LIGHT POLES FOR SIMPLICITY IN INSTALLATION AND MAINTENANCE. CHANGES IN WIRE SIZE BY THE CONTRACTOR WILL REQUIRE RECALCULATING THE VOLTAGE DROP FOR THE WHOLE BRANCH CIRCUIT.

ELECTRICAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL REQUIREMENTS OF ANY LOCAL APPLICABLE CODES OR ORDINANCES, PUBLIC UTILITY COMPANY REGULATIONS, STATE CODE, AND NATIONAL ELECTRICAL CODE WITH INTERIM AMENDMENTS THERETO.

2. ALL MATERIALS SHALL CONFORM TO THE LATEST ISSUE OF ALL APPLICABLE STANDARDS AS ESTABLISHED BY EEI, NEMA, ASTM, IPCEA, NATIONAL BOARD OF FIRE UNDERWRITERS, AND UNDERWRITERS LABORATORIES INC.

3. THE CONTRACTOR SHALL TEST THE LIGHTING AFTER INSTALLATION WITH THE DEVELOPER/OWNER, AND PROVIDE TO DEVELOPER/OWNER WARRANTY AND MAINTENANCE INFORMATION. THE CONTRACTOR SHALL MAKE ADJUSTMENTS AND/OR MODIFICATIONS AS REQUIRED BY THE DEVELOPER/OWNER TO OBTAIN EVEN LIGHT DISTRIBUTION.

4. CONTRACTOR SHALL LEAVE ENTIRE ELECTRICAL SYSTEM INSTALLED BY THE CONTRACTOR IN PROPER WORKING CONDITION AND REPLACE WITHOUT ADDITIONAL CHARGE ALL WORK OR MATERIALS WHICH MAY DEVELOP DEFECTS WITHIN A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE BY THE ENGINEER.

5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS (EXCEPT POLES & LAMPS), BASES AND CONDUITS TO SITE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DELIVERY OF MATERIAL TO SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.

6. THE CONTRACTOR WILL PROVIDE AND INSTALL ALL MATERIAL NECESSARY TO COMPLETE THE SITE LIGHTING SYSTEM INCLUDING BUT NOT LIMITED TO CONDUIT, BASES, HANDHOLES, AND ANCHOR BOLTS. CONTRACTOR SHALL INSTALL POLES AND LAMPS. THE CONTRACTOR WILL PROVIDE, INSTALL, AND COORDINATE WIRING, SERVICE CONNECTIONS, TRANSFORMERS, AND OTHER PROJECT SUB-CONTRACTORS IF DIFFERENT FROM THE GENERAL CONTRACTOR.

7. LIGHT POLE, BRACKETS AND FIXTURES SHALL BE PROVIDED BY THE TOWN OF AVON. CONTRACTOR SHALL INSTALL LIGHTS MOUNTED ON POLES ON TOP OF CONCRETE BASES THAT ARE SET 2' (CLEAR) BEHIND CURBS.

8. WIRE AND CABLE SHALL BE COPPER AND CONFORM TO THE FOLLOWING NEC TYPE THHN/THWN SOLID FOR NO. 12 AND NO. 10. NEC TYPE THHN/THWN STRANDED FOR NO. 8 AND LARGER.

9. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NFPA 70-2011.

10. THE 1-1/2" SCHEDULE 40 PVC CONDUIT (USE SCHEDULE 80 PVC CONDUIT UNDER TRAFFIC AREAS).

11. COORDINATE NEW STREET SCAPE LIGHTING UNDERGROUND CONDUIT RUNS WITH EXISTING UTILITIES.

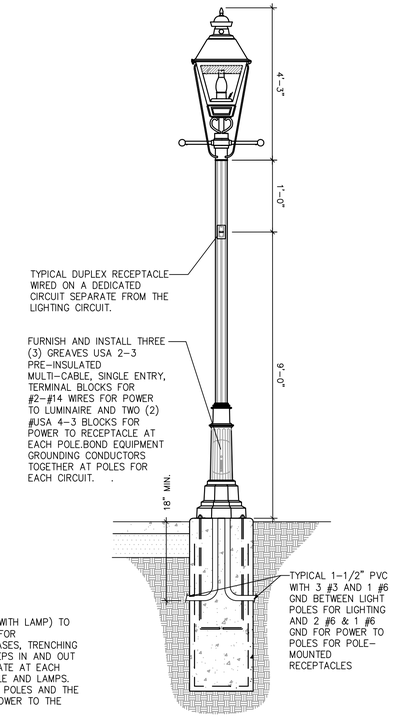
12. ELECTRICAL WORK IS TO BE IN CONFORMANCE WITH THE LOCAL POWER COMPANY REQUIREMENTS AND NEC.

13. EVERSOLURCE CONTACT: SHAWN HAYES, 860-651-2476. CONTRACTOR TO CONTACT CALL-BEFORE-YOU-DIG AND HAVE THE COMNPLETE PATHWAY MAKRKED PRIOR TO ANY EXCAVATION,

LEGEND

- PROPOSED ORNAMENTAL LIGHT
- PROPOSED CONDUIT
- EXISTING OVERHEAD WIRES
- EXISTING WATER UTILITY LINE
- STREET LINE

NOTES:
TOWN TO PROVIDE POLE AND LUMINAIRE (WITH LAMP) TO CONTRACTOR. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF PRE-CAST CONCRETE BASES, TRENCHING AND INSTALLATION OF CONDUIT WITH SWEEPS IN AND OUT OF BASE, BARE #3 COPPER WIRE AND PLATE AT EACH BASE, AND THE INSTALLATION OF THE POLE AND LAMPS. CONTRACTOR SHALL RUN WIRING BETWEEN POLES AND THE CIRCUIT BREAKER PANEL AND CONNECT POWER TO THE POLE & LAMPS.



TYPE 'AA' SERIES DECORATIVE LIGHT

NOT TO SCALE

VEGETATIVE COVER SCHEDULE-

ALL DISTURBED AREAS NOT PAVED OR LANDSCAPED SHALL BE LOAMED WITH 4" MINIMUM OF TOPSOIL. SEED AS INDICATED BELOW. CONDITION SOIL WITH FERTILIZER AND LIMESTONE AS INDICATED BY SOIL TEST.

PERMANENT VEGETATIVE COVER:
SEEDING DATES: APRIL 1 TO JUNE 1 & SEPTEMBER 1 TO OCTOBER 1

LAWN AREAS:
USE THE FOLLOWING MIXTURE OR EQUAL AS APPROVED BY DESIGN ENGINEER:
KENTUCKY BLUEGRASS 45%
CREEPING RED FESCUE 45%
PERENNIAL RYEGRASS 10%
APPLY 1-3 LBS./1000 S.F.

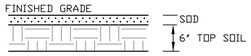
SLOPES:
USE THE FOLLOWING MIXTURE OR EQUAL AS APPROVED BY DESIGN ENGINEER:
CREEPING RED FESCUE 46.6%
REDTOP 4.8%
TALL FESCUE 47.6%
APPLY 1.1 LBS./1000 S.F.
OR
NE US WILDFLOWER SEED MIXTURE 50.0%
CHEWING FESCUE 25.0%
SHEEP FESCUE 25.0%
APPLY AT 6 LBS./ACRE

TEMPORARY VEGETATIVE COVER:
SEEDING DATES: MARCH 1 TO JUNE 15 & AUGUST 1 TO OCTOBER 1
USE THE FOLLOWING SEED OR EQUAL AS APPROVED BY DESIGN ENGINEER -
ANNUAL RYEGRASS 100%
APPLY 1 LB./1000 S.F.

IF FINAL GRADING IS FINISHED TOO LATE IN THE SEASON FOR ESTABLISHMENT OF VEGETATIVE COVER, AREAS DISTURBED TO BE ROUGH GRADED, COVERED WITH HAY MULCH, THEN TENT CLOTH PLACED ON TOP OF HAY. TENT CLOTH TO HAVE A MINIMUM OF 12" OVERLAP AT SEAMS. STAKE ALL CORNERS AND AT INTERVALS OF 10' IN EACH DIRECTION.

TURF ESTABLISHMENT DETAIL STATIONS 0+00 TO 13+20

NOT TO SCALE

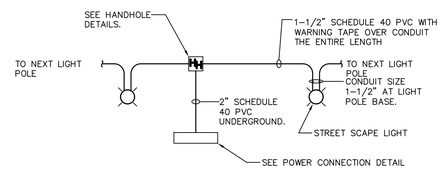


DISTURBED AREAS TO BE TOPPED WITH SOD BETWEEN STATIONS 0+00 AND 13+20

DISTURBED AREAS TO FOLLOW VEGETATIVE COVER SCHEDULE BETWEEN STATIONS 16+95 AND 20+10

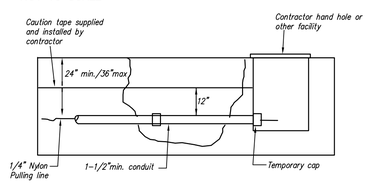
POWER DISTRIBUTION DETAIL (TYPICAL)

NOT TO SCALE



TRENCH DETAIL

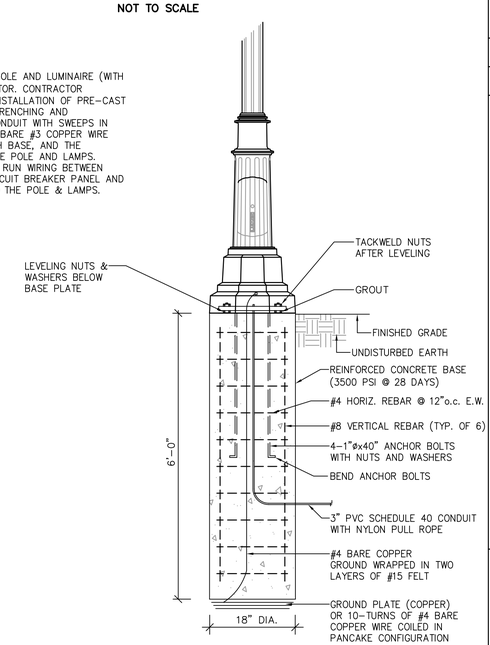
NOT TO SCALE



DECORATIVE LIGHT BASE

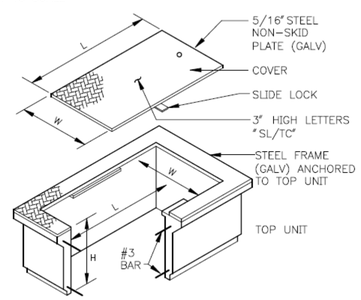
NOT TO SCALE

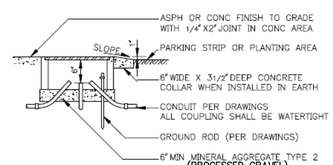
NOTES:
TOWN TO PROVIDE POLE AND LUMINAIRE (WITH LAMP) TO CONTRACTOR. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF PRE-CAST CONCRETE BASES, TRENCHING AND INSTALLATION OF CONDUIT WITH SWEEPS IN AND OUT OF BASE, BARE #3 COPPER WIRE AND PLATE AT EACH BASE, AND THE INSTALLATION OF THE POLE AND LAMPS. CONTRACTOR SHALL RUN WIRING BETWEEN POLES AND THE CIRCUIT BREAKER PANEL AND CONNECT POWER TO THE POLE & LAMPS.



HANDHOLE DETAIL TYPES 1 AND 2

NOT TO SCALE





HANDHOLE INSTALLATION DETAIL

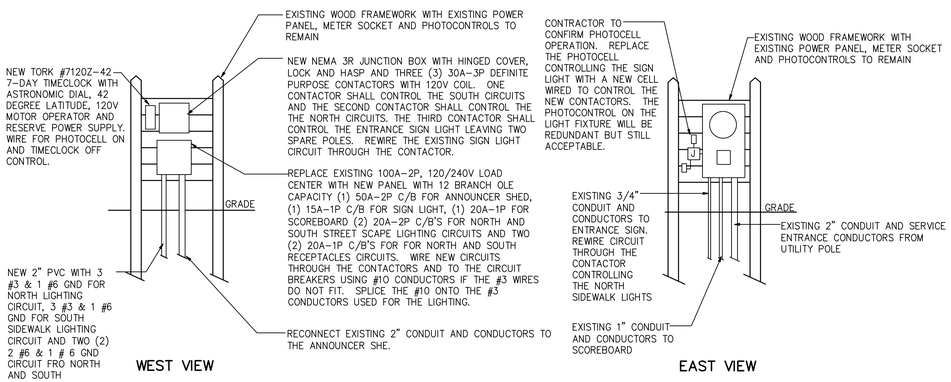
HANDHOLE SCHEDULE

HANDHOLE TYPE	TOP UNIT INSIDE DIMENSIONS			EXTENSION UNIT(E)	LID DIMENSIONS	
	L	W	H	H	L	W
1	19"	14"	12"	12"	17 3/4"	13"
2	28"	17"	12"	12"	26 5/8"	17 1/8"
3	36"	24"	12"	12"	44"	32"
4	24" DIA		VAR	NA	NA	NA
5	36"	24"	12"	NA	44"	32"
GRHH	8" DIA			NA		

NOTES:
1. THE COVER SHALL HAVE 1/16" TO 1/8" CLEARANCE ON EACH EDGE WITH THE FRAME AFTER GALVANIZING.
2. THE GROUND ROD SHALL EXTEND A 3' MIN AND 6" MAX ABOVE THE BOTTOM OF THE HANDHOLE.
3. TYPES 1 AND 2 HANDHOLE COVERS SHALL HAVE "TC" ON THEM, AS APPROPRIATE.
4. A 4' LENGTH OF #8AWG BRAIDED COPPER WIRE SHALL BE SECURED FROM THE HANDHOLE LID TO THE FRAME. A 4' LENGTH OF #8AWG BRAIDED COPPER WIRE SHALL BE CONNECTED FROM THE FRAME TO THE GROUND ROD.
5. BUNDLE CABLE IN HANDHOLES TO PROVIDE ORDERLY GROUPING OF CABLES.
6. ALL HANDHOLE LIDS AND FRAMES SHALL HAVE A NON-SKID SURFACE AND BE H-20 LOAD QUALIFIED.

POWER CONNECTION DETAIL (TYPICAL)

APPROXIMATE SCALE: 1/2"=1'-0"



REVISION	DATE

DATE: JULY 17, 2015

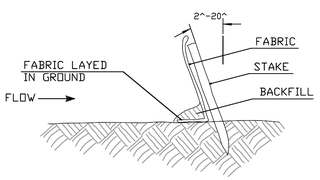
SCALE: 1 IN. = N.T.S. FT.

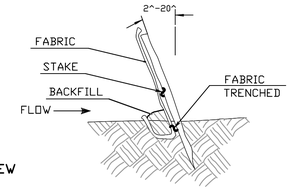
TOWN OF AVON
60 West Main Street, Avon Connecticut 06001
860-409-4322
Engineering Department

PROPOSED AVON STREETSCAPE IMPROVEMENT PROJECT
NOTES AND DETAILS

SIMSBURY ROAD (CT ROUTE 10 AND 202), AVON, CONNECTICUT

Sheet 2





END VIEW

BACKFILLING GEOTEXTILE TOE **TRENCHING GEOTEXTILE TOE**

GEOTEXTILE FENCE SYSTEM

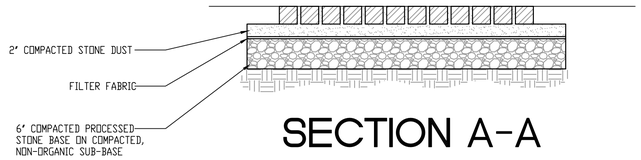
NOTES:

1. GEOTEXTILE FENCE SHOULD BE PLACED SO THE FENCE LEANS TOWARD THE SOURCE OF SEDIMENT.
2. MAXIMUM SPACING FOR WOODEN STAKES OR STEEL POSTS IS 10.0 '
3. WOOD STAKES SHALL HAVE A MINIMUM CROSS-SECTION SIZE OF 1.5" X 1.5" AND A MINIMUM LENGTH OF 4 FT. STEEL POSTS SHALL BE AT LEAST 0.5 LB. PER FOOT WITH A MINIMUM LENGTH OF 4 FT.
4. WOODEN STAKES OR STEEL POSTS SHALL BE DRIVEN TO A MINIMUM OF 1 FT. INTO THE GROUND.
5. 6" OF GEOTEXTILE SHALL BE BURIED BY BACKFILLING OR TRENCHING AND AT LEAST 2.5 FT. IN HEIGHT OF GEOTEXTILE SHALL BE EXPOSED.
6. FABRIC SHALL BE JOINED ONLY AT A SUPPORT POST WITH A MINIMUM OF 6" OVERLAP AND SECURELY SEALED.
7. UPON RE-RESTABLISHMENT OF GROUND COVER IN DISTURBED AREAS AND WHEN DIRECTED BY THE ENGINEER, OR UPON FINAL INSPECTION FENCE AND ANY SEDIMENT SHALL BE REMOVED.AT NO TIME WILL THE FENCE REMAIN IN PLACE AFTER PROJECT COMPLETION.
8. GEOTEXTILE FENCE SHALL NOT BE USED IN A WATER COURSE.
9. ONLY GEOTEXTILE FROM THE CONNDOT APPROVED PRODUCT LIST SHALL BE USED.
10. BACKFILLING OF GEOTEXTILE SHALL ONLY BE USED WHEN GROUND IS FROZEN OR WHERE OTHER OBSTRUCTIONS ARE ENCOUNTERED THAT PROHIBIT TRENCHING, IE. STUMPS OR ROCKS.
11. CLEAN OUT ACCUMULATED SEDIMENT WHEN ONE-HALF (1/2) OF THE ORIGINAL HEIGHT OF THE GEOTEXTILE FENCE, AS INSTALLED, BECOMES FILLED WITH SEDIMENT OR AS DIRECTED BY THE ENGINEER.

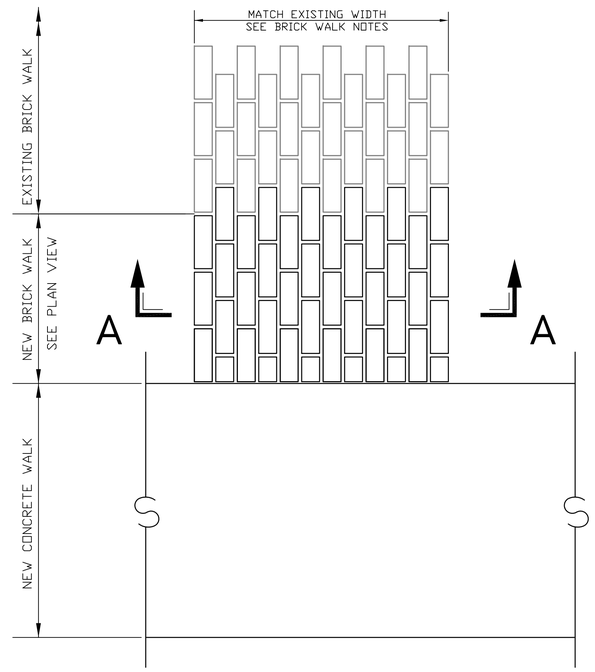
SILT FENCE SEDIMENTATION CONTROL SYSTEM

BRICK WALK NOTES

1. NEW BRICK WALK TO TIE INTO EXISTING AS SHOWN ON PLAN VIEW AND IS TO MATCH EXISTING WALK MATERIAL, PATTERN, WIDTH, JOINT SPACING, AND ELEVATION TO MINIMIZE LOOK AND FEEL DIFFERENCE.
2. NEW BRICK WALK IS TO EXTEND AND "BUTT UP" TO THE NEW CONCRETE WALK AS SHOWN ON PLANS.
3. NEW BRICK WALK MATERIALS ARE TO BE REVIEWED AND APPROVED BY TOWN OF AVON PRIOR TO INSTALLATION. EXISTING BRICKS THAT ARE TO BE REMOVED MAY BE REUSED IF THEY ARE INSPECTED AND APPROVED FOR RESUSE BY THE TOWN PRIOR TO INSTALLATION.

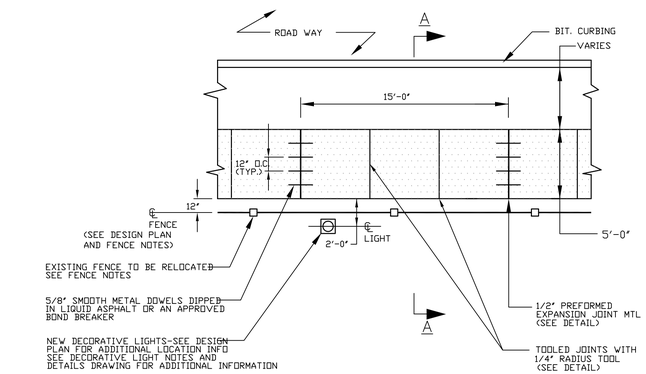


SECTION A-A

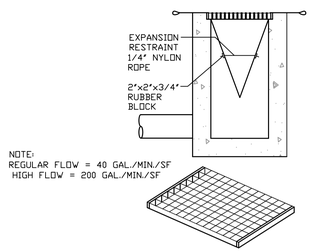


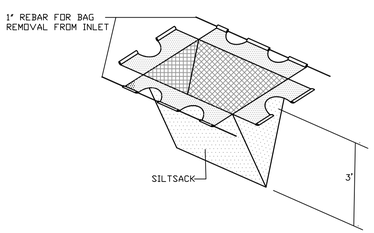
GENERAL SIDEWALK NOTES:

1. MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
2. CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
3. ALL RAMPS SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH CONNECTICUT STANDARD SPECIFICATIONS ARTICLE M.03.01.
4. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE ALONG ACCESSABLE ROUTES SHALL BE STABLE, FIRM AND SLIP RESISTANT IN COMPLIANCE WITH ADAAG SECTION 4.5.
5. DIAGONAL SIDEWALK RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
6. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION/CONTRACTION JOINT OR DUMMY JOINT. 12:1 MAY NOT BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER. SAW CUT REQUIRED FOR DUMMY JOINTS SHALL BE INCLUDED IN THE COST OF "CONCRETE SIDEWALK".
7. EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 12' UNLESS OTHERWISE NOTED.
8. RAISED ISLANDS IN MARKED CROSSINGS SHALL HAVE SIDEWALK RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 4' LONG BETWEEN THE RAMPS. IF THIS CAN NOT BE ACHIEVED, THE RAISED ISLAND SHALL BE CUT THROUGH LEVEL WITH THE ROADWAY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. SIDEWALK RAMPS SHALL BE CONSTRUCTED AND PAID FOR UNDER THE ITEM "CONCRETE SIDEWALK", INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP AND DETECTABLE WARNING STRIPS.
10. CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 816 SECTIONS 8.11 AND 8.13.
11. HANDICAP RAMPS CONFORMING WITH CONNECTICUT GENERAL STATUTES, SEC. 7-118a, SHALL BE INCORPORATED IN ALL PROPOSED SIDEWALKS AT ALL STREET INTERSECTIONS, AND AT ALL OTHER LOCATIONS WHERE THE GRADE OF A DRIVEWAY OR OTHER FACILITY TAKES PRECEDENCE OVER THE GRADE OF THE PROPOSED SIDEWALK.
12. TRANSITION TO FULL HEIGHT CURB. INSTALL STONE CURBING IF ADJACENT CURBING IS STONE. INSTALL CONCRETE CURBING IF ADJACENT CURBING IS CONCRETE OR BITUMINOUS.
13. INSTALL THE EDGE OF THE DETECTABLE WARNING 6" FROM THE EDGE OF ROAD.
14. TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID. IN THE DIRECTION OF PEDESTRIAN TRAVEL.

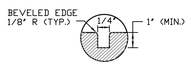


CONCRETE SIDEWALK – PLAN VIEW

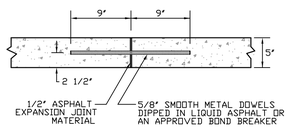




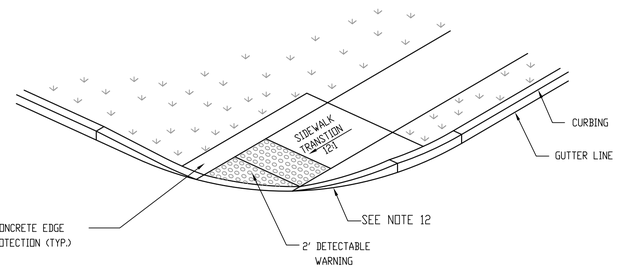
SILT SACK DETAIL



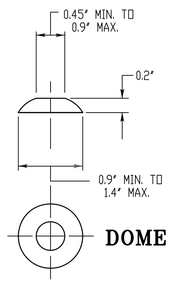
DETAIL – DUMMY JOINT



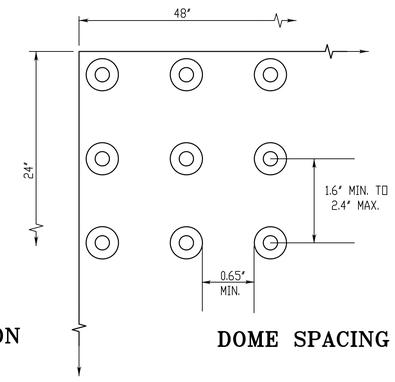
DETAIL – EXPANSION JOINT



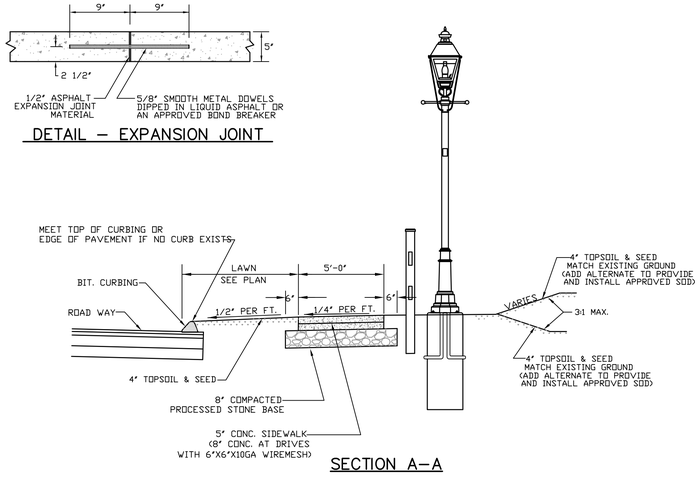
SIDEWALK RAMP



DOME SECTION



DOME SPACING



SECTION A–A

DATE	REVISION

DATE: JULY 17, 2015

SCALE: 1 IN. = N.T.S. FT.

TOWN OF AVON *Engineering Department*
60 West Main Street, Avon Connecticut 06001
860-409-4322

PROPOSED AVON STREETSCAPE IMPROVEMENT PROJECT
NOTES AND DETAILS
SIMSBURY ROAD (CT ROUTE 10 AND 202), AVON, CONNECTICUT

Sheet
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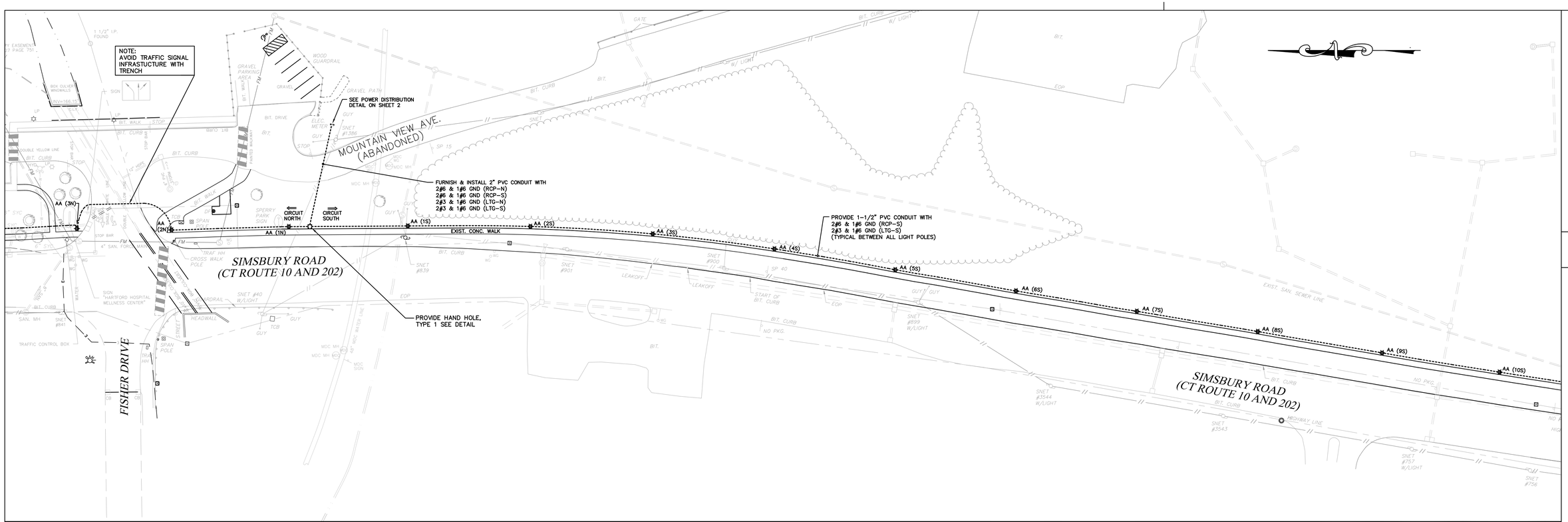

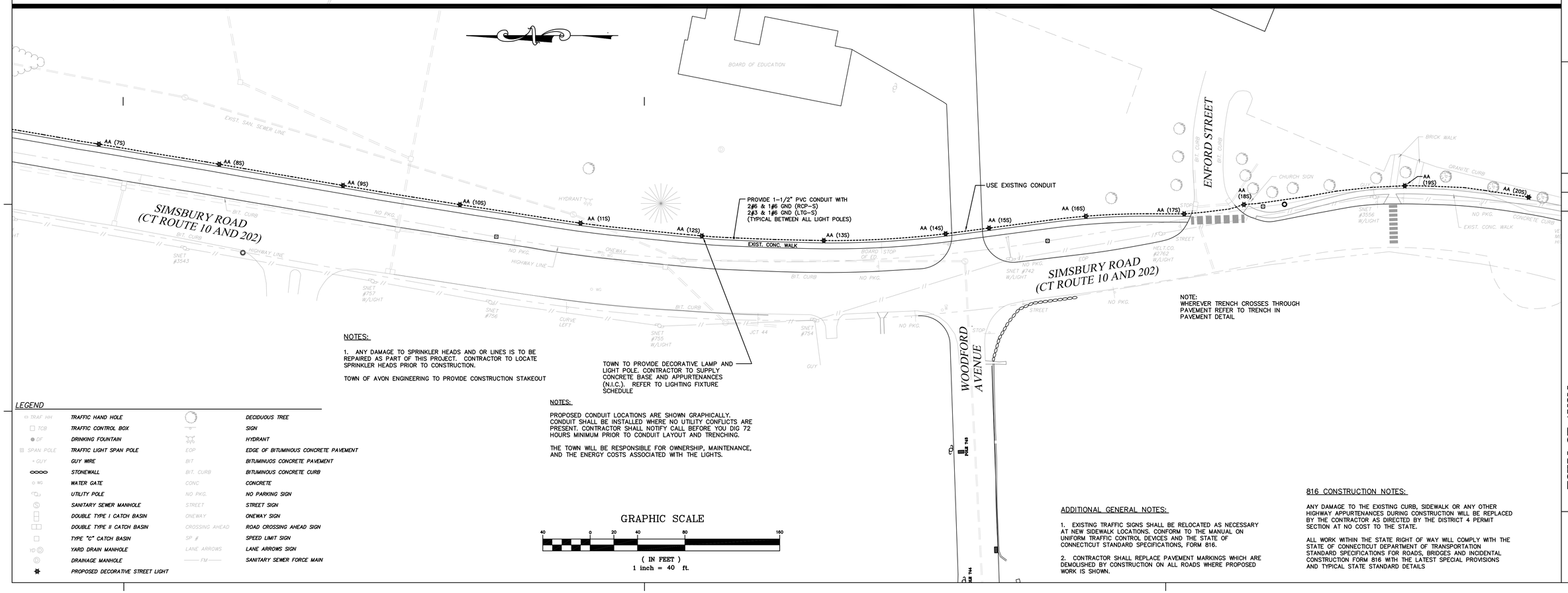

NOTES:

1. ANY DAMAGE TO SPRINKLER HEADS AND OR LINES IS TO BE REPAIRED AS PART OF THIS PROJECT. CONTRACTOR TO LOCATE SPRINKLER HEADS PRIOR TO CONSTRUCTION.

TOWN OF AVON ENGINEERING TO PROVIDE CONSTRUCTION STAKEOUT

TOWN TO PROVIDE DECORATIVE LAMP AND LIGHT POLE. CONTRACTOR TO SUPPLY CONCRETE BASE AND APPURTENANCES (N.I.C.). REFER TO LIGHTING FIXTURE SCHEDULE

NOTES:

PROPOSED CONDUIT LOCATIONS ARE SHOWN GRAPHICALLY. CONDUIT SHALL BE INSTALLED WHERE NO UTILITY CONFLICTS ARE PRESENT. CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG 72 HOURS MINIMUM PRIOR TO CONDUIT LAYOUT AND TRENCHING.

THE TOWN WILL BE RESPONSIBLE FOR OWNERSHIP, MAINTENANCE, AND THE ENERGY COSTS ASSOCIATED WITH THE LIGHTS.

NOTE:
WHEREVER TRENCH CROSSES THROUGH PAVEMENT REFER TO TRENCH IN PAVEMENT DETAIL

LEGEND

TRAF HH	TRAFFIC HAND HOLE		DECIDUOUS TREE
TCB	TRAFFIC CONTROL BOX		SIGN
DF	DRINKING FOUNTAIN		HYDRANT
SPAN POLE	TRAFFIC LIGHT SPAN POLE	EOP	EDGE OF BITUMINOUS CONCRETE PAVEMENT
GUY	GUY WIRE	BIT	BITUMINUOS CONCRETE PAVEMENT
	STONEWALL	BIT. CURB	BITUMINOUS CONCRETE CURB
WG	WATER GATE	CONC	CONCRETE
	UTILITY POLE	NO PKG.	NO PARKING SIGN
S	SANITARY SEWER MANHOLE	STREET	STREET SIGN
	DOUBLE TYPE I CATCH BASIN	ONEWAY	ONEWAY SIGN
	DOUBLE TYPE II CATCH BASIN	CROSSING AHEAD	ROAD CROSSING AHEAD SIGN
	TYPE "C" CATCH BASIN	SP #	SPEED LIMIT SIGN
YD	YARD DRAIN MANHOLE	LANE ARROWS	LANE ARROWS SIGN
D	DRAINAGE MANHOLE	FM	SANITARY SEWER FORCE MAIN
	PROPOSED DECORATIVE STREET LIGHT		

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

ADDITIONAL GENERAL NOTES:

1. EXISTING TRAFFIC SIGNS SHALL BE RELOCATED AS NECESSARY AT NEW SIDEWALK LOCATIONS. CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STATE OF CONNECTICUT STANDARD SPECIFICATIONS, FORM 816.

2. CONTRACTOR SHALL REPLACE PAVEMENT MARKINGS WHICH ARE DEMOLISHED BY CONSTRUCTION ON ALL ROADS WHERE PROPOSED WORK IS SHOWN.

816 CONSTRUCTION NOTES:

ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE DISTRICT 4 PERMIT SECTION AT NO COST TO THE STATE.

ALL WORK WITHIN THE STATE RIGHT OF WAY WILL COMPLY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816 WITH THE LATEST SPECIAL PROVISIONS AND TYPICAL STATE STANDARD DETAILS

REVISION	DATE

DATE: JULY 17, 2015

SCALE: 1 IN. = 40 FT.

TOWN OF AVON *Engineering Department*
60 West Main Street, Avon Connecticut 06001
860-409-4322

PROPOSED AVON STREETSCAPE IMPROVEMENT PROJECT
LIGHTING PLAN
SIMSBURY ROAD (CT ROUTE 10 AND 202), AVON, CONNECTICUT

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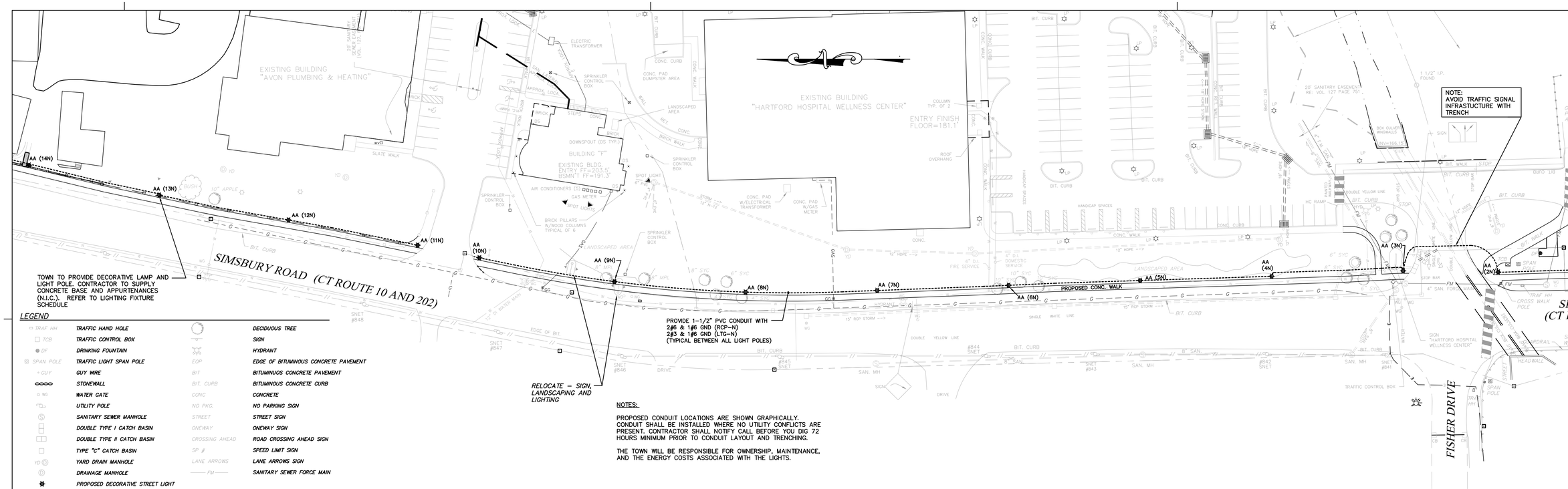

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	PROPOSED DECORATIVE STREET LIGHT		

NOTES:

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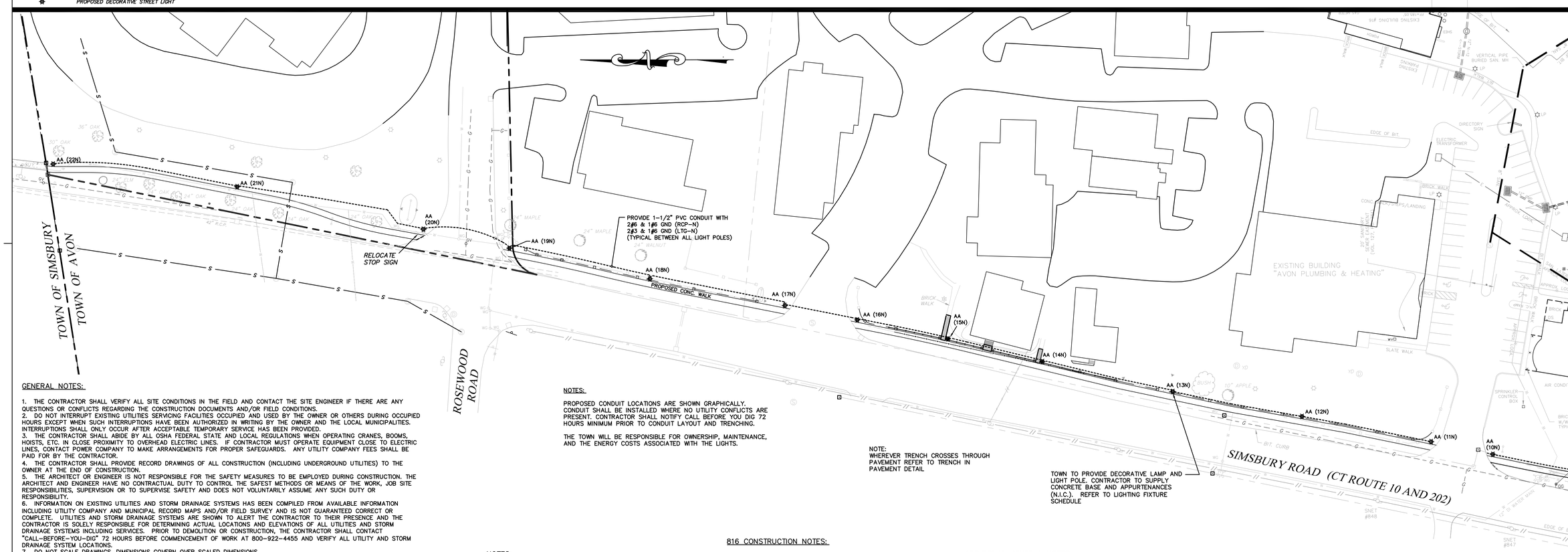
THE TOWN WILL BE RESPONSIBLE FOR OWNERSHIP, MAINTENANCE, AND THE ENERGY COSTS ASSOCIATED WITH THE LIGHTS.



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NOTE:
WHEREVER TRENCH CROSSES THROUGH PAVEMENT REFER TO TRENCH IN PAVEMENT DETAIL

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE SITE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS.
2. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
3. THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
5. THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR THE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
6. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 800-922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
7. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
8. IF PLANS AND OR SPECIFICATIONS ARE IN CONFLICT, THE THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY
9. ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION. PLAN SETS SHALL NOT BE DISASSEMBLED INTO PARTIAL PLAN SETS FOR USE BY THE CONTRACTORS AND SUBCONTRACTORS OF INDIVIDUAL TRADES. IT SHALL BE THE CONTRACTORS' AND SUBCONTRACTORS' RESPONSIBILITY TO OBTAIN COMPLETE PLAN SETS FOR USE IN BIDDING AND CONSTRUCTION.
10. ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
11. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF THE SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF WORK.
12. THESE PLANS ARE FOR CONSTRUCTION.

NOTES:

1. ANY DAMAGE TO SPRINKLER HEADS AND OR LINES IS TO BE REPAIRED AS PART OF THIS PROJECT. CONTRACTOR TO LOCATE SPRINKLER HEADS PRIOR TO CONSTRUCTION.

TOWN OF AVON ENGINEERING TO PROVIDE CONSTRUCTION STAKEOUT

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40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

REVISION	DATE

DATE: JULY 17, 2015

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TOWN OF AVON *Engineering Department*
60 West Main Street, Avon Connecticut 06001
860-409-4322

PROPOSED AVON STREETSCAPE IMPROVEMENT PROJECT
LIGHTING PLAN

SIMSBURY ROAD (CT ROUTE 10 AND 202), AVON, CONNECTICUT

Sheet 5

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