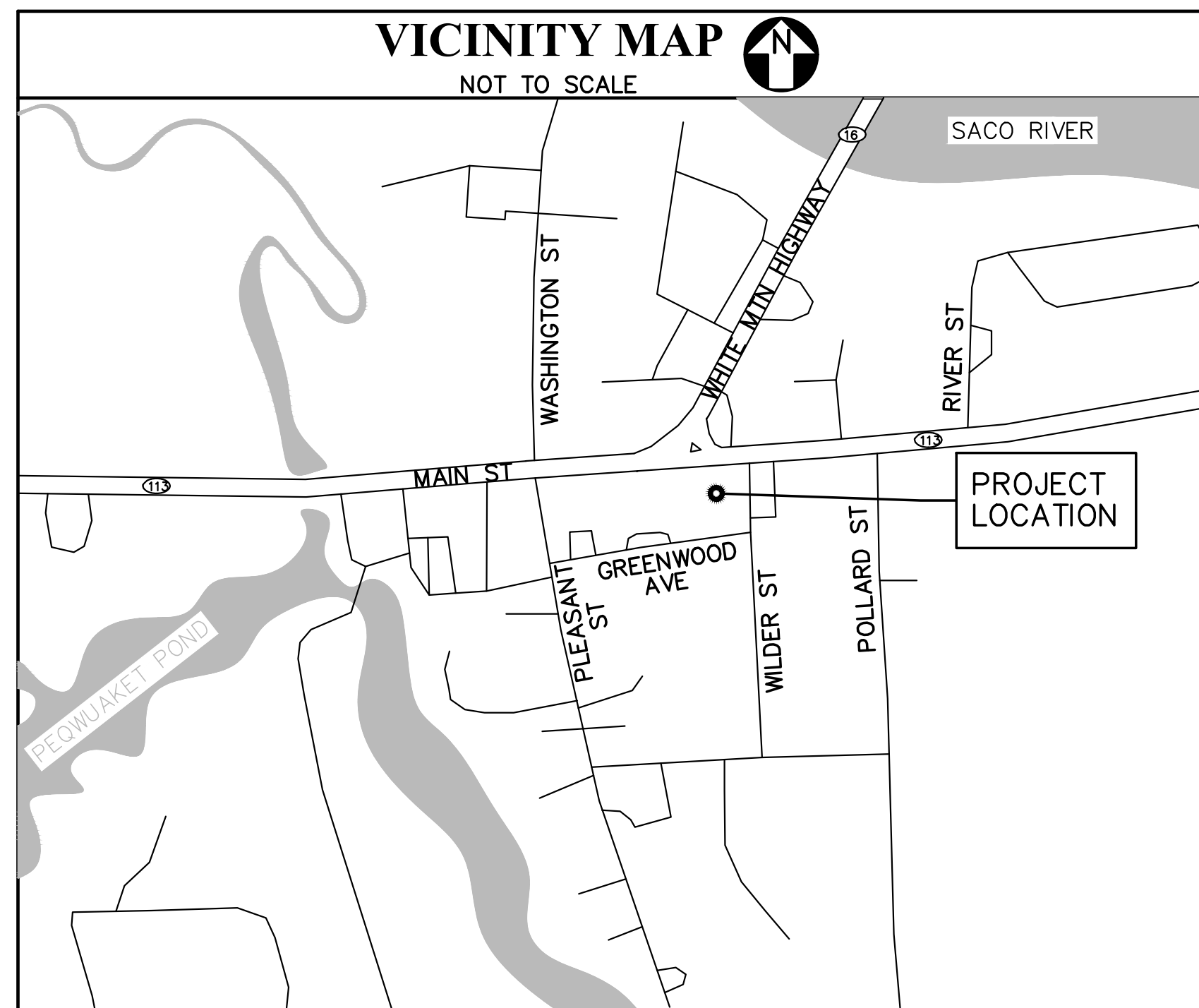
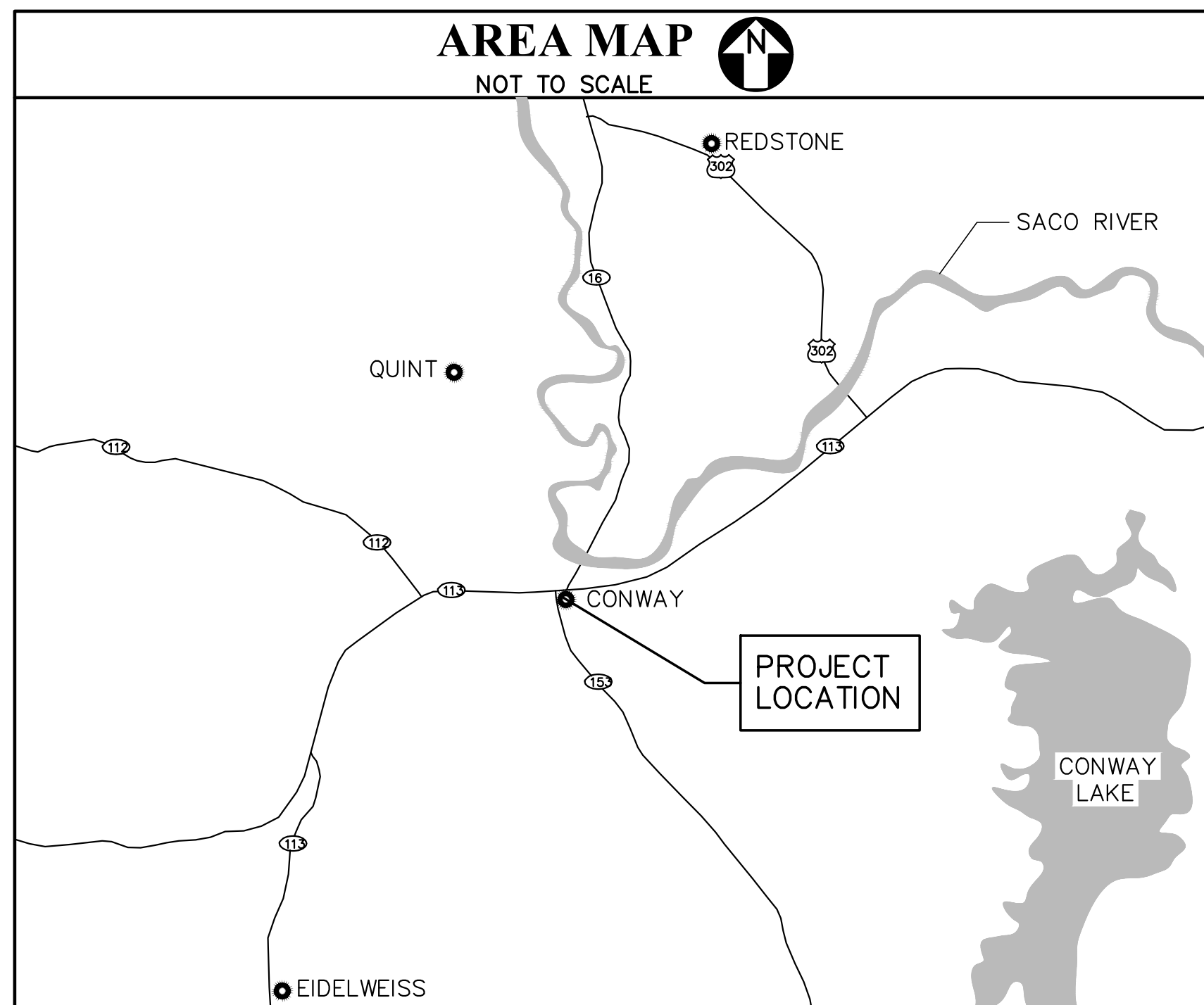


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MARCH 27, 2026



- BID ALTERNATES:**
 1. DEDUCT: REPLACEMENT OF ASPHALT ON NORTH AND WEST SIDES OF BUILDING.



DESIGNED BY: KSP
 DRAWN BY: TLS
 CHECKED BY: ATD
 PROJECT: 22204.17

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COVER SHEET AND CONTEXT MAPS

NO.	DATE	DESCRIPTION	BY
REVISIONS			

SCALE: AS NOTED
 DATE: 03-27-26
 DWG.: **G-001**
 SHEET: **1** OF 16

DRAWING LIST:

1	OF	16	G-001	COVER SHEET AND CONTEXT MAPS
2	OF	16	G-002	DRAWING LIST, ABBREVIATIONS, GENERAL NOTES, AND LEGEND
3	OF	16	LX101	EXISTING CONDITIONS AND REMOVALS PLAN
4	OF	16	LS101	SITE PLAN
5	OF	16	LL101	LAYOUT PLAN
6	OF	16	LU101	UTILITY PLAN
7	OF	16	LG101	GRADING PLAN
8	OF	16	LG102	EROSION CONTROL NOTES
9	OF	16	LS201	LANDSCAPE PLAN
10	OF	16	L-501	BOOK PLAZA LAYOUT PLAN AND DETAILS
11	OF	16	L-502	SITE DETAILS 1
12	OF	16	L-503	SITE DETAILS 2
13	OF	16	L-504	SITE DETAILS 3
14	OF	16	L-505	PLANTING DETAILS AND PLANT LIST
15	OF	16	E-001	ELECTRICAL SYMBOLS, ABBREVIATIONS, GENERAL NOTES & SPECS
16	OF	16	ES101	ELECTRICAL SITE PLAN AND DETAILS

GENERAL CONSTRUCTION NOTES:

- WORK INCLUDED IN THIS CONTRACT MUST CONFORM TO STATE, NATIONAL AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT.
- COORDINATE THE TIMING, SEQUENCE OF WORK, ACCESS, AND LAYDOWN AREAS WITH THE OWNER PRIOR TO COMMENCING WORK.
- MOBILIZATION, LAY DOWN, AND DUMPSTER LOCATIONS: COORDINATE LOCATION AND USE OF PROPOSED CONTRACTOR LAYDOWN AND STAGING AREAS WITH OWNER PRIOR TO MOBILIZATION.
- THE CONTRACTOR MUST NOTIFY THE OWNER A MINIMUM OF 72 HOURS PRIOR TO INTERRUPTING UTILITY SERVICES.
- ITEMS AND COMPONENTS SHOWN ON THE DRAWINGS ARE NEW AND MUST BE PROVIDED UNLESS NOTED AS REMOVALS AND SALVAGE OR EXISTING.
- DURING THE ENTIRE CONTRACT PERIOD, MAINTAIN THE CONSTRUCTION SITE IN A SECURE, NEAT, CLEAN AND SAFE MANNER.
- WORK PRACTICES, EQUIPMENT, AND PERSONNEL PROTECTION MEASURES MUST CONFORM TO OSHA STANDARDS.
- DISPOSE OF AND/OR RECYCLE CONSTRUCTION DEBRIS FROM THE PROJECT SITE AS REQUIRED BY THE STATE OF NEW HAMPSHIRE. OBTAIN DISPOSAL PERMITS WHICH ARE REQUIRED. CONSTRUCTION DEBRIS AND EXCESS SOIL FROM THE PROJECT SITES MUST BE DISPOSED OF OFF SITE IN A STATE APPROVED MANNER.
- MAINTAIN BUILDING EGRESS PATHS DURING THE ENTIRE CONTRACT PERIOD. PROVIDE FENCING AT WORK AREAS TO PREVENT BUILDING OCCUPANTS AND PEDESTRIAN TRAFFIC FROM ENTERING AREAS OF WORK. COORDINATE BARRICADE LOCATIONS WITH THE OWNER.
- VERIFY EXISTING CONDITIONS AND DIMENSIONS, AND REPORT ANY DISCREPANCIES TO THE OWNER. PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCY(IES) HAS(HAVE) BEEN RESOLVED BY THE OWNER.
- THE DEPICTED LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE BASED ON RECORD DRAWINGS AND/OR FIELD SURVEY AND ARE APPROXIMATE. DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR MUST CONTACT "DIG SAFE" AT 1-888-344-7233 AND OBTAIN A "DIG SAFE" PERMIT PRIOR TO COMMENCING EXCAVATION OPERATIONS ON THE SITE.
- PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN AND ITEMS TO BE SALVAGED FOR REINSTALLATION. DAMAGE RESULTING FROM THE CONTRACTORS OPERATIONS MUST BE REPAIRED OR REPLACED AS APPROVED BY THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE A MINIMUM OF 6 INCHES OF PLANTING SOIL, SEED, AND MULCH FOR DISTURBED AREAS NOT OTHERWISE SPECIFIED.
- PROVIDE SURFACES THAT ARE FREE OF LOW SPOTS AND PONDING AREAS.
- EXISTING CONDITIONS ARE BASED ON PLAN REFERENCES AND TOPOGRAPHIC SURVEY COMPLETED BY S.A.M. NOVEMBER 2025.
- HORIZONTAL CONTROL IS BASED ON NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM, NAD83 (2011). VERTICAL CONTROL IS BASED ON NAVD88 (GEOID18) (±.2').
- BUILD AMERICA, BUY AMERICA ACT (BABAA) COMPLIANCE: ALL IRON, STEEL, MANUFACTURED PRODUCTS, AND CONSTRUCTION MATERIALS USED IN THIS PROJECT MUST BE PRODUCED IN THE UNITED STATES, UNLESS A WAIVER IS GRANTED BY THE OWNER. CONTRACTORS AND SUBCONTRACTORS MUST FILE A SELF-CERTIFICATION AFFIRMING BABAA COMPLIANCE WITH EACH BID OR PROPOSAL. ANY DISCLOSURE OF NON-COMPLIANT MATERIALS MUST BE FORWARDED TO THE OWNER WITH BID PROPOSAL.
- DELEGATED DESIGN: THE CONTRACT DOCUMENTS INCLUDE COMPONENTS AND/OR EQUIPMENT THAT REQUIRE DELEGATED DESIGN. WHERE REQUIRED BY THE SPECIFICATION THE CONTRACTOR OR SUBCONTRACTOR MUST ENGAGE A QUALIFIED PROFESSIONAL ENGINEER THAT IS LICENSED IN THE STATE OF NEW HAMPSHIRE TO PERFORM THESE DESIGNS AND/OR CALCULATIONS. THE PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA FOR THE DELEGATED DESIGN COMPONENTS AND/OR EQUIPMENT ARE INCLUDED IN THE RELEVANT SPECIFICATION SECTIONS AND ON THE DRAWINGS.

ABBREVIATIONS:

%	PERCENT	GALV	GALVANIZED	SF	SILT FENCE, SQUARE FEET
#	NUMBER	GPS	GLOBAL POSITIONING SYSTEM	SIM	SIMILAR
±	PLUS OR MINUS	GPM	GALLONS PER MINUTE	SMH	SEWER MANHOLE
CL	CENTERLINE	HDPE	HIGH DENSITY POLYETHYLENE	SQ	SQUARE
BFE	BOTTOM OF FOOTING ELEVATION	HT	HEIGHT	SS	STAINLESS STEEL
BOC	BOTTOM OF CURB ELEVATION	ID	INNER DIAMETER	SWL	SINGLE WHITE LINE
BOW	BOTTOM OF WALL ELEVATION	IN	INCH(ES)	T	TRANSFORMER
CB	CATCH BASIN	INV	INVERT	TBD	TO BE DETERMINED
CF	CUBIC FOOT	KSI	KIPS PER SQUARE INCH	TCJ	TOOLED CONTROL JOINT
CJ	CONTROL JOINT	L	LENGTH	TBM	TEMPORARY BENCH MARK
CLR	CLEAR	LBS	POUNDS	TEMP	TEMPORARY
CO	CLEAN OUT	MAX	MAXIMUM	TOS	TOP OF SLAB
CONC	CONCRETE	MIL	1/1000"	TOW	TOP OF WALL
CY	CUBIC YARDS	MIN	MINIMUM	TP	TEST PIT
DIA	DIAMETER	N	NORTH	TYP	TYPICAL
DMH	DRAIN MAN HOLE	NAD83	NORTH AMERICAN DATUM OF 1983	UE	UNDERGROUND ELECTRIC
EC	EDGE OF CONCRETE	NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988	UGD	UNDERGROUND GEOTHERMAL SUPPLY/RETURN DISTRIBUTION
ECB	EXISTING CATCH BASIN	NO	NUMBER	UNO	UNLESS NOTED OTHERWISE
EDMH	EXISTING DRAIN MANHOLE	NOM	NOMINAL	USDOT	UNITED STATES DEPARTMENT OF TRANSPORTATION
ESMH	EXISTING SEWER MANHOLE	OC	ON CENTER	VIF	VERIFY IN FIELD
E	EAST, EXISTING	OD	OUTSIDE DIAMETER	W	WITH
EA	EACH	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	WWR	WELDED WIRE REINFORCEMENT
EJ	EXPANSION JOINT	PE	POLYETHYLENE		
ELEV	ELEVATION	PERF	PERFORATED		
EQ	EQUAL	PT	PRESSURE TREATED		
EW	EACH WAY	PSI	POUNDS PER SQUARE INCH, PRESSURE TREATED		
EWf	ENGINEERED WOOD FIBER	PVC	POLYVINYL CHLORIDE		
EXIST	EXISTING	R	RADIUS		
F,FG	FINISHED GRADE	R.O.W.	RIGHT OF WAY		
Fc	COMPRESSIVE STRENGTH	REINF	REINFORCED, REINFORCING		
FT	FEET, FOOT	SCH	SCHEDULE		
Fy	YIELD STRENGTH	SD	STORM DRAIN		
GAL	GALLON				

LEGEND:

---	APPROXIMATE ABUTTERS LINE PER GIS	AC	AIR CONDITIONER
----	MAJOR CONTOUR LINE	▲	SIGN
-----	MINOR CONTOUR LINE	○	POST
=====	RETAINING WALL	◀	MAST ARM
---OHW---	OVERHEAD WIRE	○	CORRUGATED METAL PIPE
---D---	DRAIN LINE	○	CONCRETE
---MD---	DRAIN LINE PER PAINT MARKINGS	○	CONDUIT
---S---	SEWER LINE	○	DRILL HOLE
---W---	WATER LINE	○	END OF GEOPHYSICAL INVESTIGATION
---E---	ELECTRIC LINE	○	EDGE OF PAVEMENT
---T---	TELEPHONE LINE	○	GRANITE
---UE---	UNDERGROUND ELECTRIC LINE	○	HIGH DENSITY POLYETHYLENE PIPE
---UC---	UNDERGROUND COMMUNICATIONS LINE	○	NO PARKING SIGN
---	UNIDENTIFIED UNDERGROUND UTILITY	○	NO POLE NUMBER
.....	COMPOST FILTER SOCK	○	POLYVINYL CHLORIDE PIPE
×	SPOT GRADE	○	REINFORCED CONCRETE PIPE
□	BOUND FOUND (BND. FND.)	○	RETAINING WALL
○	PIPE/ROD FOUND	○	RIGHT-OF-WAY
○	UTILITY POLE	○	SINGLE WHITE LINE
○	UTILITY POLE & GUY WIRE	○	THRESHOLD ELEVATION
○	UTILITY POLE W/LIGHT	○	VITREOUS CLAY PIPE
○	GUY POLE	○	VERTICAL GRANITE CURB
○	LIGHT POST	○	INVERT I.D. CONNECTION UNKNOWN
○	DRAIN MANHOLE		
○	CATCH BASIN		
○	ROOF DRAIN		
○	DRAIN DRAIN		
○	SEWER MANHOLE		
○	WATER GATE VALVE		
○	FAUCET		
○	MANHOLE		
○	HAND HOLE		
○	ELECTRIC BOX		

NO.	DATE	DESCRIPTION	BY
REVISIONS			

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 231 MAIN STREET, BIDDEFORD, MAINE 04005
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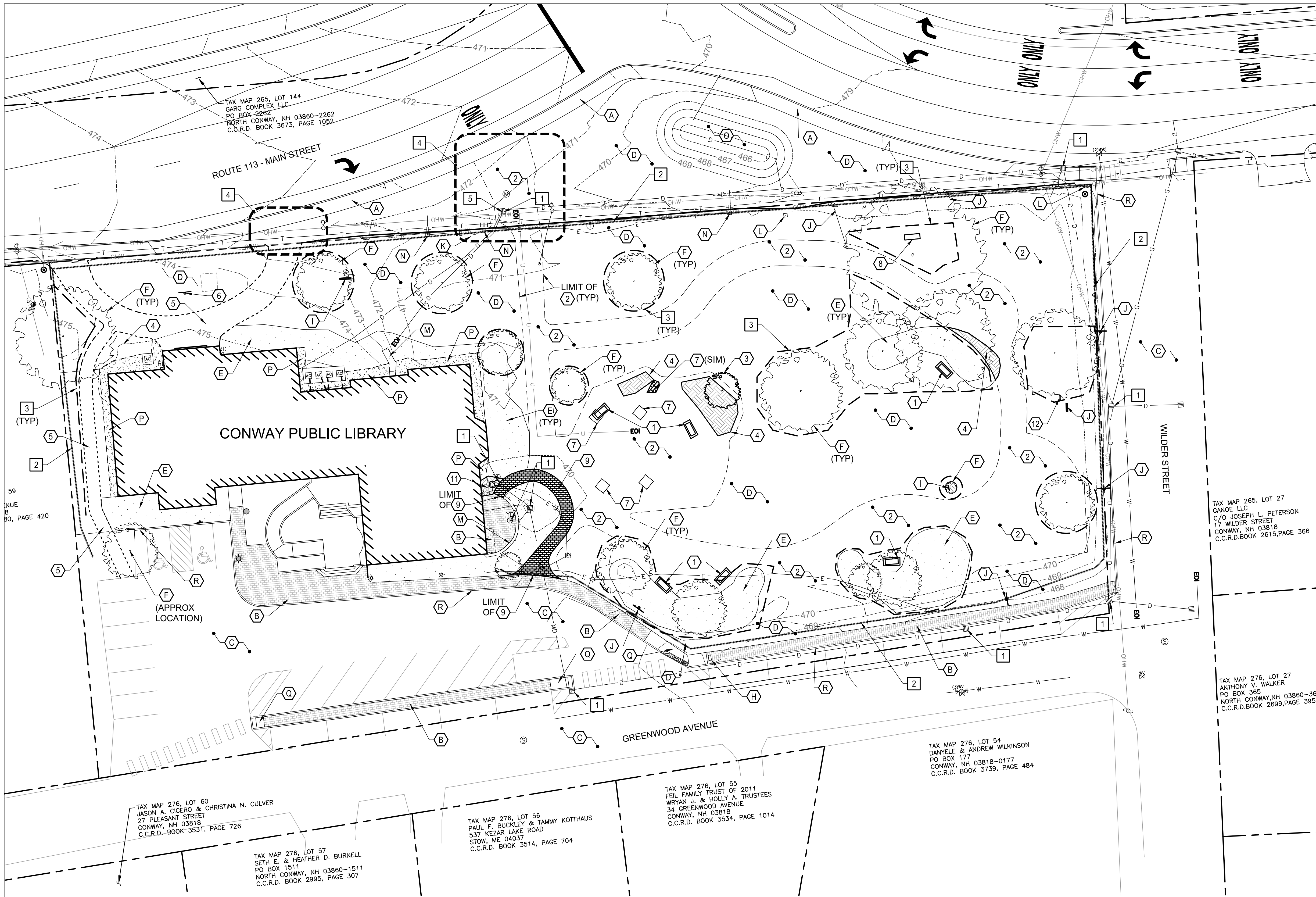
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**DRAWING LIST
ABBREVIATIONS
GENERAL NOTES
AND LEGEND**

SCALE: AS NOTED
 DATE: 03-27-26
 DWG.: **G-002**
 SHEET: **2** OF **16**



EXISTING KEYNOTES: (THIS SHEET ONLY)

- A ASSUMED LAYOUT OF MAIN STREET IMPROVEMENTS. (BY OTHERS).
- B EXISTING CONCRETE UNIT PAVERS.
- C EXISTING ASPHALT CONCRETE PAVEMENT.
- D EXISTING TURFGRASS.
- E EXISTING PLANTING BED.
- F EXISTING TREE TO REMAIN.
- G NOT USED.
- H EXISTING GRANITE PLAQUE.
- I EXISTING MEMORIAL PLAQUE.
- J EXISTING SIGN.
- K EXISTING STREET SIGN AND MAST ARM.
- L EXISTING CONCRETE BOUNDARY MARKER.
- M EXISTING RETAINING WALL.
- N EXISTING HAND HOLE.
- O ASSUMED LAYOUT OF RAINGARDEN. (BY OTHERS).
- P EXISTING GRAVEL SURFACE.
- Q EXISTING CONCRETE.
- R EXISTING GRANITE CURB.

NOTES: ALL EXISTING ITEMS TO REMAIN UNLESS OTHERWISE NOTED BELOW.

REMOVALS KEYNOTES: (THIS SHEET ONLY)

- 1 REMOVE AND STORE EXISTING BENCH AND GRANITE PLINTH FOR REINSTALLATION.
- 2 STRIP AND REMOVE EXISTING TURF AND TOPSOIL TO DEPTH FOR WALKWAY CONSTRUCTION.
- 3 REMOVE EXISTING TREE.
- 4 REMOVE EXISTING PLANTINGS AND PLANTING BED.
- 5 BASE BID: REMOVE EXISTING ASPHALT CONCRETE WALK AND DRIVEWAY.
 BID ALTERNATE 2: NO WORK IN THIS AREA.
- 6 REMOVE EXISTING LIBRARY SIGN AND STORE FOR REINSTALLATION.
- 7 REMOVE EXISTING LEDGE OUTCROP AT EACH FOOTING LOCATION. (EXTEND REMOVAL MIN 1' HORIZONTAL BEYOND EACH FOOTING EDGE AND A DEPTH OF MIN 1' BELOW FINAL BOTTOM OF FOOTING ELEVATION. COORDINATE WITH FOUNDATION DESIGN). PROTECT EXISTING UTILITIES FROM DISRUPTION.
- 8 REMOVE AND STORE EXISTING BENCH FOR REINSTALLATION.
- 9 REMOVE EXISTING CONCRETE UNIT PAVERS.
- 10 DETACH EXISTING BENCH FROM GRANITE PLINTH. REMOVE AND STORE BOTH FOR REINSTALLATION IN SEPARATE LOCATIONS.
- 11 REMOVE EXISTING SHRUB TO PROVIDE ACCESS FOR ELECTRICAL PATHWAY. LIGHTED BOLLARD TO REMAIN.
- 12 REMOVE EXISTING PET WASTE BAG DISPENSER.

KEYNOTES: (THIS SHEET ONLY)

- 1 CATCH BASIN INLET PROTECTION, SEE 2/L-502.
- 2 COMPOST FILTER SOCK, SEE 1/L-502.
- 3 TEMPORARY TREE AND PLANT PROTECTION FENCE, SEE 3/L-502.
- 4 PROCEED WITH WORK IN R.O.W. ONLY AFTER TOWN OF CONWAY/OWNER PROVIDES RECEIPT OF WRITTEN APPROVAL FROM NHDOT.
- 5 REMOVE MANHOLE. SEE LG101.

TAX MAP 265, LOT 144
GARG COMPLEX LLC
PO BOX 2262
NORTH CONWAY, NH 03860-2262
C.C.R.D. BOOK 3673, PAGE 1052

59
NUE
BO, PAGE 420

TAX MAP 265, LOT 27
GANJE LLC
C/O JOSEPH L. PETERSON
17 WILDER STREET
CONWAY, NH 03818
C.C.R.D. BOOK 2615, PAGE 366

TAX MAP 276, LOT 27
ANTHONY V. WALKER
PO BOX 365
NORTH CONWAY, NH 03860-365
C.C.R.D. BOOK 2699, PAGE 395

TAX MAP 276, LOT 54
DANYELE & ANDREW WILKINSON
PO BOX 177
CONWAY, NH 03818-0177
C.C.R.D. BOOK 3739, PAGE 484

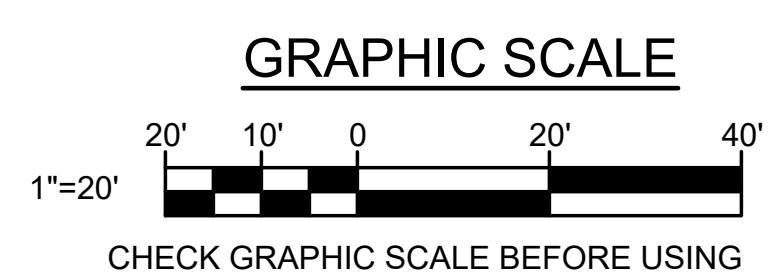
TAX MAP 276, LOT 60
JASON A. CICERO & CHRISTINA N. CULVER
27 PLEASANT STREET
CONWAY, NH 03818
C.C.R.D. BOOK 3531, PAGE 726

TAX MAP 276, LOT 57
SETH E. & HEATHER D. BURNELL
PO BOX 1511
NORTH CONWAY, NH 03860-1511
C.C.R.D. BOOK 2995, PAGE 307

TAX MAP 276, LOT 56
PAUL F. BUCKLEY & TAMMY KOTTHAUS
537 KEZAR LAKE ROAD
STOW, ME 04037
C.C.R.D. BOOK 3514, PAGE 704

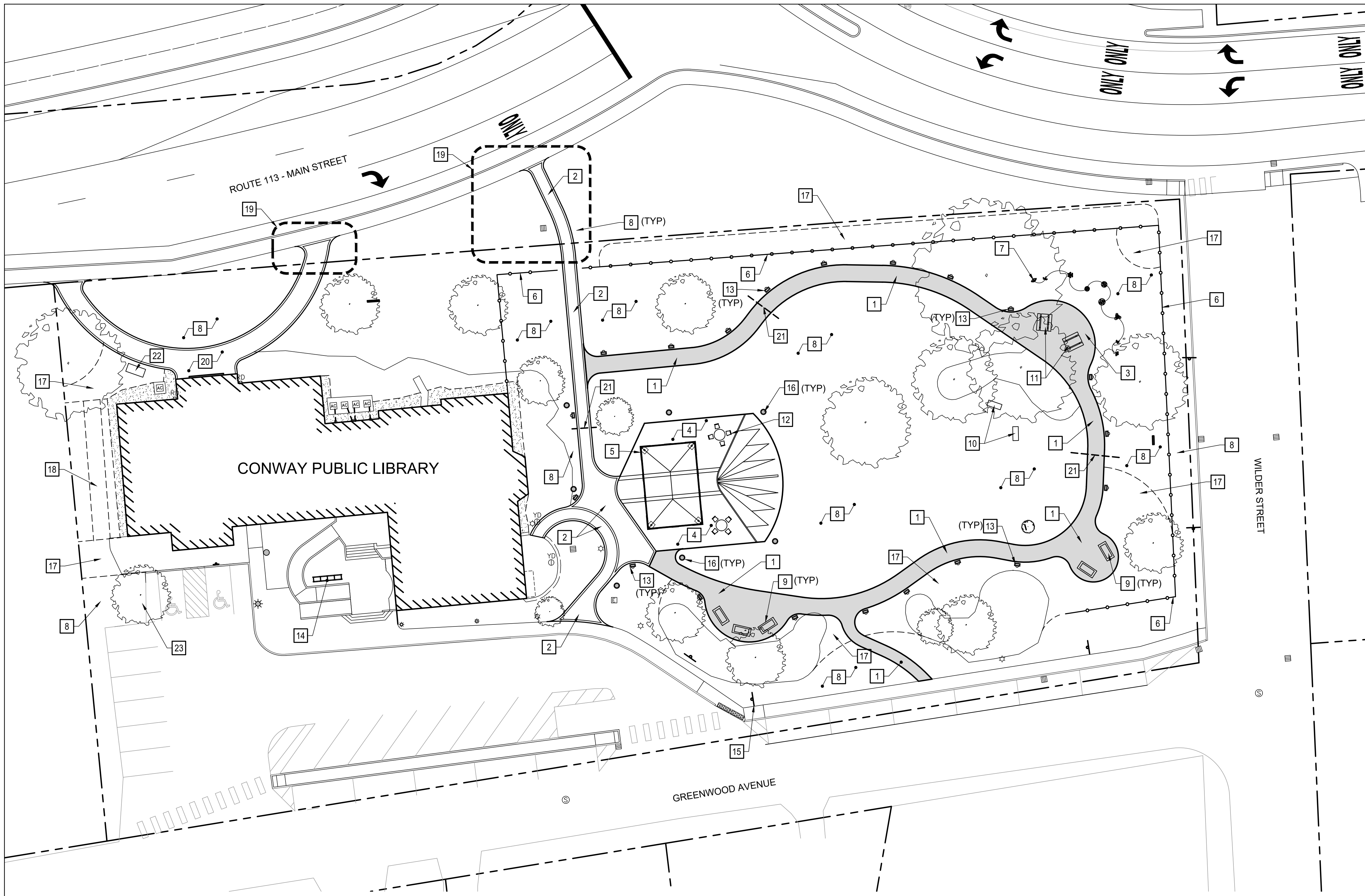
TAX MAP 276, LOT 55
FEIL FAMILY TRUST OF 2011
WRYAN J. & HOLLY A. TRUSTEES
34 GREENWOOD AVENUE
CONWAY, NH 03818
C.C.R.D. BOOK 3534, PAGE 1014

1 EXISTING CONDITIONS AND REMOVALS PLAN
LX101 SCALE: 1"=20'



NO.	DATE	DESCRIPTION	BY





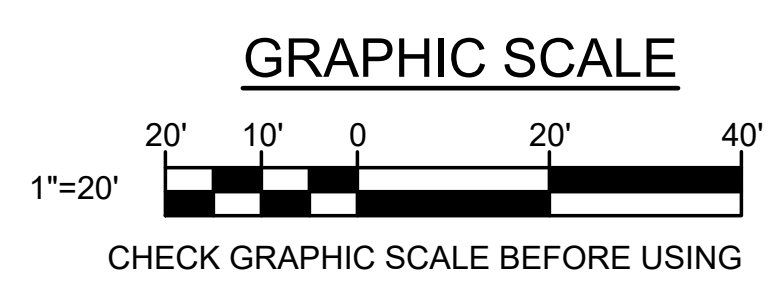
- KEYNOTES:** (THIS SHEET ONLY).
- 1 STONE DUST WALK. SEE 1/L-504.
 - 2 CONCRETE UNIT PAVER WALK. SEE 2 & 3/L-504.
 - 3 STONE DUST PICNIC AREA. SEE 1/L-504.
 - 4 CONCRETE UNIT PAVER "BOOK PLAZA". SEE L-501.
 - 5 SHADE STRUCTURE (20'X34'). SEE SEE NOTES THIS SHEET.
 - 6 DECORATIVE METAL FENCE. SEE 1/L-503.
 - 7 (9) SOUND GARDEN INSTRUMENTS WITH IN-GROUND MOUNTS (OWNER-FURNISHED/ CONTRACTOR-INSTALLED). INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. SEE L-502.
 - 8 RESTORE TURF. SEE NOTES THIS SHEET.
 - 9 BENCH ON GRANITE BASE (REINSTALLED FROM SALVAGE). SEE 3/L-503.
 - 10 BENCH, FREE STANDING (REINSTALLED FROM SALVAGE).
 - 11 PICNIC TABLE, FREE STANDING (TYPICAL OF 2. BY OWNER).
 - 12 CAFE TABLE WITH (4) CHAIRS, FREE STANDING (TYPICAL OF 2. BY OWNER).
 - 13 STORY WALK PANEL POST (TYPICAL OF 20). SEE 2/L-503.
 - 14 FREESTANDING BIKE RACK. (BY OWNER).
 - 15 LIBRARY SIGN (REINSTALLED FROM SALVAGE). SEE 2/L-503 (SIMILAR).
 - 16 POLE MOUNTED LIGHT FIXTURE (TYPICAL OF 7). SEE 6/L-504.
 - 17 PLANTING BED. SEE LS201 AND L-505.
 - 18 BASE BID: PROVIDE PLANTING SOIL & DEPTH REQUIRED TO LEVEL SURFACE SLOPE TO DRAIN AWAY FROM BUILDING. SEED AND MULCH.
 - 19 PROCEED WITH WORK IN R.O.W. ONLY AFTER TOWN OF CONWAY/OWNER PROVIDES RECEIPT OF WRITTEN APPROVAL FROM NHDOT.
 - 20 BASE BID: CONCRETE UNIT PAVER WALK. SEE 2 & 3/L-504.
 - 21 CONDUIT FOR FUTURE IRRIGATION. SEE LU101.
 - 22 GRANITE PLINTH FOR FUTURE BENCH. COORDINATE SPECIFIC LOCATION WITH OWNER.
- BID ALTERNATE 2: NO WORK IN THIS AREA.**

SHADE STRUCTURE NOTES:

1. BASIS-OF-DESIGN PRODUCT: "RAM 20X34" BY POLIGON.
2. DELEGATED DESIGN: DESIGN FOUNDATION AND STRUCTURE, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA PER MANUFACTURER.
3. THE FOUNDATION DESIGN MUST BE COORDINATED WITH THE FINAL PREFABRICATED SHELTER DESIGN FOR LAYOUT, ELEVATIONS, STRUCTURAL LOADING AND CONNECTION DESIGN (INCLUDING GRAVITY, LATERAL, AND UPLIFT FORCES), AND COORDINATION WITH ADJACENT SITE SURFACES. PROVIDE A COMPLETE ENGINEERED FOUNDATION DESIGN, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE.
4. THE FOUNDATION MUST BEAR A MINIMUM OF 5'-0" BELOW FINAL GRADE. DESIGN FOOTINGS WITH A MAXIMUM SOIL BEARING PRESSURE OF 1,500 PSF, UNLESS OTHERWISE DETERMINED BY A SIGNED AND SEALED GEOTECHNICAL EVALUATION SPECIFICALLY PERFORMED FOR THIS PROJECT.
5. PROVIDE CONDUIT WITHIN FOOTINGS FOR ELECTRICAL RECEPTACLES AND LIGHT FIXTURES WITHIN THE SHADE STRUCTURE

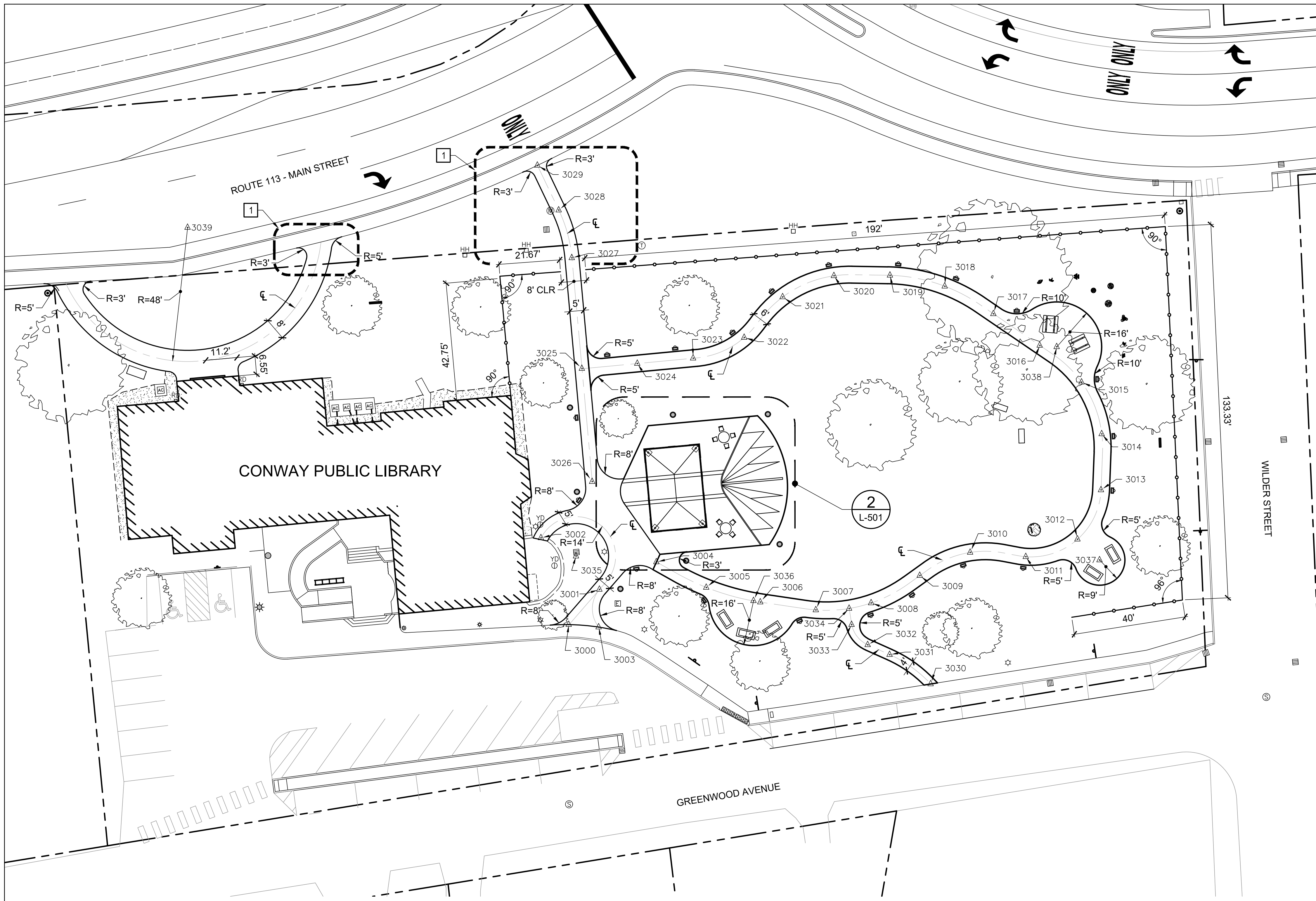
TURF RESTORATION NOTES:

1. MINIMUM 6" PLANTING SOIL, SEED, AND MULCH, ALL DISTURBED AREAS.
2. IN UNDISTURBED LAWN AREAS, MOW EXISTING TURF TO 1-INCH HEIGHT. RAKE DEBRIS AND DETHATCH ORGANIC MATTER. AERATE SOIL. TEST AND AMEND SOIL AS SPECIFIED. OVER SEED AND MAINTAIN TURF AS SPECIFIED.



NO.	DATE	DESCRIPTION	BY





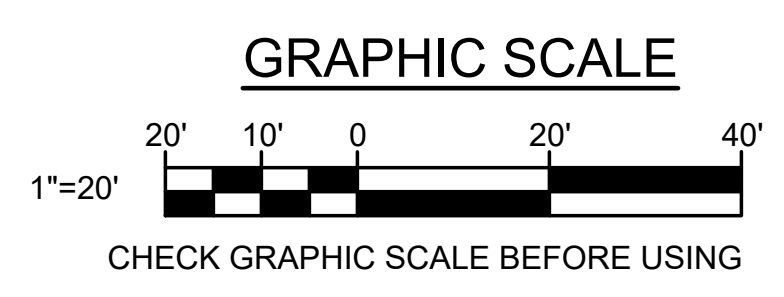
1 SITE LAYOUT PLAN 1
LL101 SCALE: 1"=20'

KEYNOTES: (THIS SHEET ONLY).

- 1** PROCEED WITH WORK IN R.O.W. ONLY AFTER TOWN OF CONWAY/OWNER PROVIDES RECEIPT OF WRITTEN APPROVAL FROM NHDOT.

NOTES:

1. STAKE LAYOUT IN THE FIELD AND OBTAIN OWNER APPROVAL BEFORE CONSTRUCTION.
2. LOCATE CENTER OF STORY WALK POSTS 1'-6" FROM EDGE OF WALKWAY.



Point Table			
Point #	Raw Description	Northing	Easting
3000	BEGINNING OF WALKWAY	539234.6468	1128914.2116
3001	WALK CENTERLINE INTERSECTION	539247.1640	1128925.1560
3002	END OF WALK CENTERLINE	539265.5600	1128904.3044
3003	BEGINNING OF WALK CENTERLINE	539233.7413	1128924.8849
3004	BEGINNING OF WALK CENTERLINE	539256.9655	1128945.4615
3005	WALK CENTERLINE	539247.8748	1128963.2538
3006	WALK CENTERLINE	539242.6465	1128982.5144
3007	WALK CENTERLINE	539239.8523	1129002.3154
3009	WALK CENTERLINE	539252.1205	1129039.3679
3010	WALK CENTERLINE	539260.3764	1129057.3318
3011	WALK CENTERLINE	539258.8416	1129077.1554
3012	WALK CENTERLINE	539265.0805	1129095.5997
3014	WALK CENTERLINE	539302.6357	1129104.2353
3015	WALK CENTERLINE	539321.0779	1129097.0504
3016	WALK CENTERLINE	539334.1985	1129082.1363
3017	WALK CENTERLINE	539345.4701	1129065.6151
3018	WALK CENTERLINE	539355.3050	1129048.2705
3019	WALK CENTERLINE	539359.2001	1129028.7478
3020	WALK CENTERLINE	539359.0371	1129008.7688
3021	WALK CENTERLINE	539351.4791	1128990.4764
3022	WALK CENTERLINE	539337.0120	1128976.7672
3023	WALK CENTERLINE	539329.6309	1128958.5665
3024	WALK CENTERLINE	539327.7459	1128938.6556
3026	BEGINNING OF WALK CENTERLINE	539285.6257	1128922.5657
3027	WALK CENTERLINE	539365.4364	1128915.3175
3008	WALK CENTERLINE	539242.3551	1129022.0241
3013	WALK CENTERLINE	539282.6582	1129103.9746
3025	INTERSECTION OF WALK CENTERLINE	539325.9521	1128918.9034
3028	WALK CENTERLINE	539382.4586	1128910.6418
3029	END OF WALK CENTERLINE	539398.4137	1128903.0225
3030	BEGINNING OF WALK CENTERLINE	539213.4550	1129043.2475
3031	WALK CENTERLINE	539223.9260	1129028.6106
3032	WALK CENTERLINE	539227.4177	1129020.7977
3033	WALK CENTERLINE	539234.6209	1129015.0652
3034	WALK CENTERLINE	539240.3903	1129014.1764
3035	RADIUS POINT	539259.0420	1128916.8044
3036	RADIUS POINT	539243.1462	1128980.1006
3037	RADIUS POINT	539257.6730	1129103.4666
3038	RADIUS POINT	539333.7012	1129088.1882
3039	RADIUS POINT	539376.2538	1128778.3304

NO.	DATE	DESCRIPTION	BY
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LANDSCAPE ARCHITECT
 ALLISON TOWNE
 DMS-11780
 09A
 STATE OF NEW HAMPSHIRE

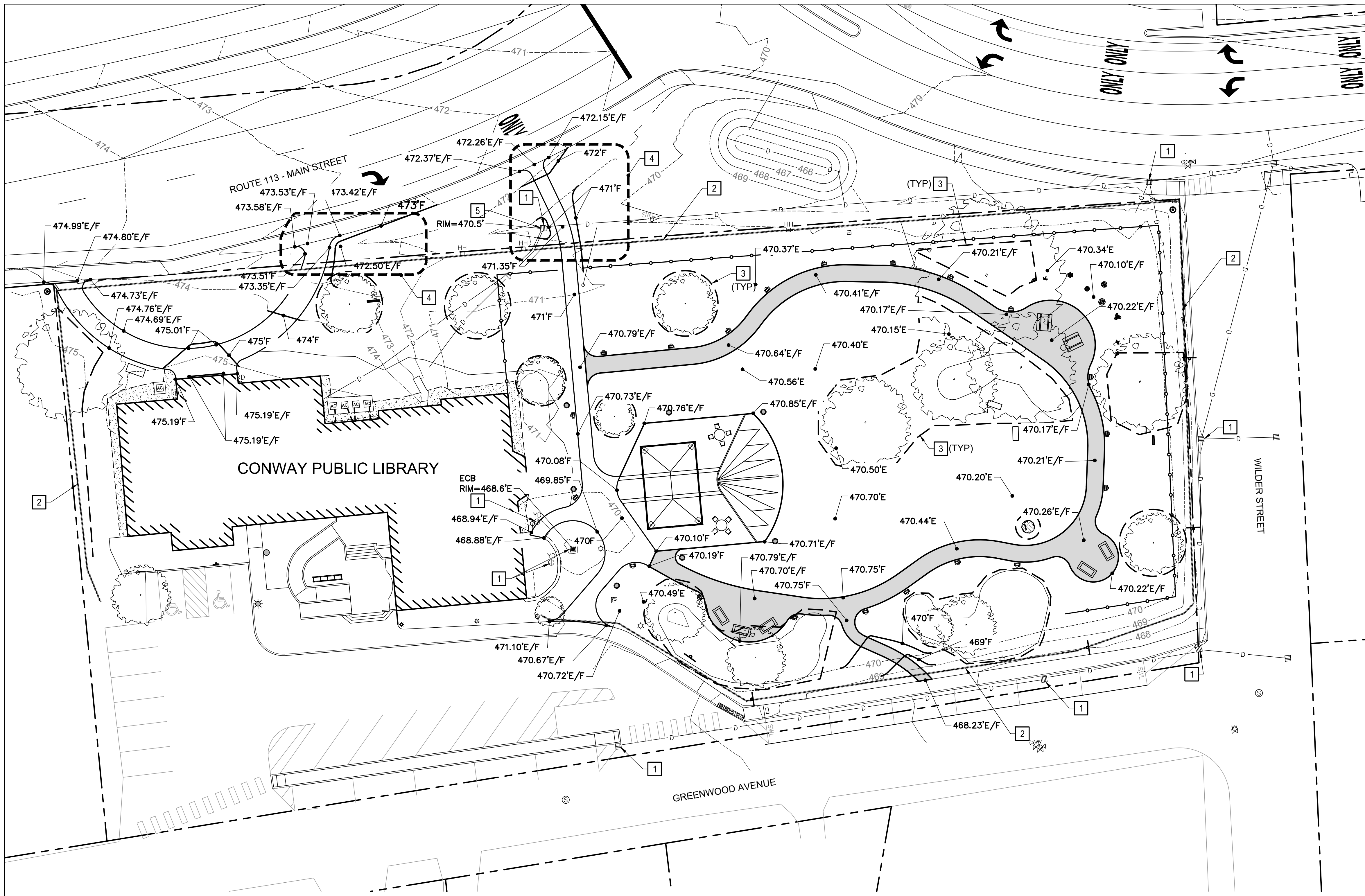
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LAYOUT PLAN

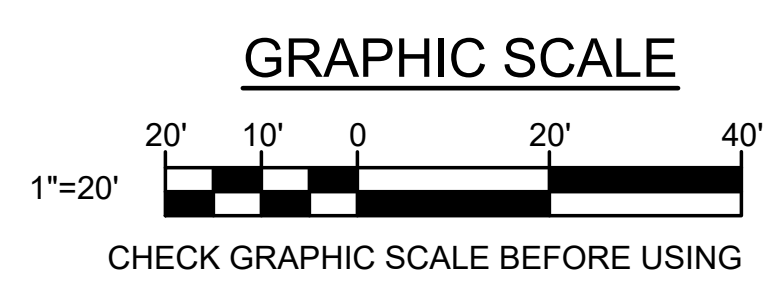
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 DATE: 03-27-26
 DWG: **LL101**
 SHEET: **5** OF **16**



KEYNOTES: (THIS SHEET ONLY).

- 1 CATCH BASIN INLET PROTECTION, SEE 2/L-502.
- 2 COMPOST FILTER SOCK, SEE 1/L-502.
- 3 TEMPORARY TREE AND PLANT PROTECTION FENCE, SEE 3/L-502.
- 4 PROCEED WITH WORK IN R.O.W. ONLY AFTER TOWN OF CONWAY/OWNER PROVIDES RECEIPT OF WRITTEN APPROVAL FROM NHDOT.
- 5 REMOVE EXISTING DRAIN MANHOLE FRAME AND COVER AND INSTALL CATCH BASIN FRAME AND GRATE. ADJUST RIM USING PRECAST GRADE RIM, OR BRICK AND MORTAR TO SET RIM ELEVATION AT 470.5'.

1 GRADING PLAN
 LG101 SCALE: 1"=20'



NO.	DATE	DESCRIPTION	BY



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GRADING PLAN

EROSION AND SEDIMENT CONTROL NOTES

A. GENERAL NOTES

- DURING CONSTRUCTION AND THEREAFTER, PROVIDE EROSION CONTROL MEASURES AS INDICATED AND SPECIFIED. EROSION CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORM WATER MANUAL".
- TEMPORARY EROSION CONTROL MEASURES INCLUDE THE USE OF EROSION CONTROL DEVICES, TEMPORARY SEEDING AND MULCHING, AND PROVISIONS FOR STABILIZING INACTIVE AREAS. PERMANENT EROSION CONTROL MEASURES INCLUDE PERMANENT SEEDING AND MULCHING.
- PERIMETER EROSION CONTROLS MUST BE INSTALLED PRIOR TO BEGINNING EARTH MOVING OPERATIONS.
- PROVIDE INLET PROTECTION FOR EACH CATCH BASIN ON THE SAME DAY THAT BACKFILL IS PLACED AROUND THE CATCH BASIN.
- PROVIDE 6-INCHES PLANTING SOIL, SEED AND MULCH ON DISTURBED AREAS NOT OTHERWISE SPECIFIED. PERMANENT SEEDING MUST BE COMPLETED BETWEEN THE DATES OF APRIL 1 AND OCTOBER 14. WATER VEGETATED AREAS AS NECESSARY TO ESTABLISH A VIGOROUS TURF.
- PROVIDE EROSION CONTROL MEASURES TO CONTROL EROSION AND SEDIMENTATION FROM THE PROJECT SITE. THE MEASURES INDICATED ON THE DRAWINGS ARE A MINIMUM TO BE PROVIDED. THE CONTRACTOR MUST PROVIDE ADDITIONAL MEASURES AS NECESSARY AND APPLICABLE TO CONTROL EROSION AND SEDIMENTATION FROM LEAVING THE SITE.
- LIMIT AREAS OF EXPOSED SOILS TO THOSE AREAS THAT WILL ACTIVELY BE WORKED. TEMPORARILY STABILIZE AREAS OF DISTURBED SOIL THAT REMAIN UNWORKED FOR MORE THAN 14 DAYS USING TEMPORARY MULCHING (IF THE SOIL WILL BE PERMANENTLY STABILIZED WITHIN 30 DAYS) OR TEMPORARY SEEDING AND MULCHING (IF THE SOIL WILL NOT BE PERMANENTLY STABILIZED WITHIN 30 DAYS). PERMANENTLY STABILIZE ANY AREA OF DISTURBED SOIL BROUGHT TO FINAL GRADE WITHIN 7 DAYS. DISTURBED SOILS DO NOT INCLUDE COMPACTED BASE COURSES OR STRUCTURAL FILLS USED FOR ROADS AND PARKING LOTS. UNSTABILIZED AREA MUST NOT EXCEED 5 ACRES AT ANY ONE TIME.
- AN AREA MUST BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED.
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

B. INSPECTION AND MAINTENANCE

- INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT AREA AT LEAST ONCE A WEEK AND BEFORE AND AFTER EACH STORM EVENT, GREATER THAN 0.5", PRIOR TO COMPLETION OF PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL PRACTICES MUST CONDUCT THE INSPECTION. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- KEEP AND MAINTAIN A LOG (REPORT) SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, AND MAJOR OBSERVATIONS RELATING TO OPERATION OF EROSION AND SEDIMENTATION CONTROLS AND POLLUTION PREVENTION MEASURES. MAJOR OBSERVATIONS MUST INCLUDE: BMPs THAT NEED TO BE MAINTAINED; LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION; AND LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION. FOLLOW-UP TO CORRECT DEFICIENCIES OR ENHANCE CONTROLS MUST ALSO BE INDICATED IN THE LOG AND DATED, INCLUDING WHAT ACTION WAS TAKEN AND WHEN.
- MAINTAIN EROSION CONTROL MEASURES FOR THE LIFE OF THE PROJECT AND UNTIL PERMANENT STABILIZATION OF THE ENTIRE SITE IS ESTABLISHED.
- PROTECT STABILIZED AREAS FROM EROSION AND IMMEDIATELY REPAIR/REVEGETATE ERODED AREAS.
- REMOVE TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS AFTER THE TRIBUTARY AREA HAS BEEN PERMANENTLY STABILIZED. REMOVE ANY ACCUMULATED SEDIMENTS AND STABILIZE.

C. SEQUENCE OF CONSTRUCTION

- INITIAL OPERATIONS INCLUDE INSTALLATION OF EROSION CONTROL MEASURES.
- STRIP TOPSOIL AND REMOVE FROM SITE.
- COMMENCE EARTH MOVING OPERATIONS AND FOUNDATION CONSTRUCTION.
- CONTINUE WITH DRAINAGE, UTILITY AND PAVEMENT CONSTRUCTION.
- COMPLETE PAVEMENT CONSTRUCTION. PROVIDE PERMANENT SEEDING, MULCHING, OR OTHER SURFACE TREATMENTS AS INDICATED.
- REMOVE EROSION CONTROL PRACTICES AFTER SITE IS FULLY STABILIZED.

D. SOIL STOCKPILE STABILIZATION

- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN IN PLACE FOR LESS THAN 30 DAYS MUST BE COVERED WITH HAY MULCH (90 LBS HAY/1000 SF) OR COVERED WITH AN ANCHORED TARP WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN LONGER THAN 30 DAYS MUST BE SEEDED WITH A CONSERVATION MIX OF ANNUAL RYE GRASS (0.9 LB/1000 SF) AND HAY MULCHED (90 LBS. HAY/1000 SF) WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- SOIL AND FILL STOCKPILES MUST HAVE A SEDIMENT BARRIER (e.g. COMPOST FILTER SOCK) INSTALLED AROUND THE DOWNHILL EDGE OF THE STOCKPILE TO TRAP SEDIMENTS.

E. TEMPORARY SEEDING

- BEDDING - REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 4" TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.
- FERTILIZER - FERTILIZER MUST BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10-10-10 MIX OF FERTILIZER SHOULD BE APPLIED AT A RATE OF 300 LBS PER ACRE.
- SEED MIXTURE - USE ANY OF THE FOLLOWING IN UPLAND AREAS:

SEEDING RATES					
SPECIES	ACRE	1,000 SF	DATES	DEPTH	
WINTER RYE	112 LBS	2.5 LBS	8/15 - 9/15	1 INCH	
OATS	80 LBS	2.0 LBS	SPRING - 5/15	1 INCH	
ANNUAL RYEGRASS	40 LBS	1.0 LBS	4/15 - 9/15 WITH MULCH	0.25 INCH	

- MULCHING FOR TEMPORARY SEEDING - WHERE IT IS IMPRACTICAL TO INCORPORATE FERTILIZER AND SEED INTO MOIST SOIL, THE SEEDED AREA MUST BE MULCHED TO FACILITATE GERMINATION. MULCH IN THE FORM OF HAY OR STRAW MUST BE APPLIED AT A RATE OF 70 TO 40 90 LBS PER 1,000 SF.
- REMOVE TEMPORARY GROWTH FROM TEMPORARY SEEDING PRIOR TO PERMANENT SEEDING.

F. MULCHING

PROVIDE TEMPORARY MULCHING ON SLOPES, CHANNELS, OTHER EROSION PRONE AREAS, AND EXPOSED SOILS THAT CANNOT RECEIVE PERMANENT COVER WITHIN 14 DAYS OF DISTURBANCE. ALSO PROVIDE MULCH FOLLOWING TEMPORARY AND PERMANENT SEEDING AS SPECIFIED. MULCH ANCHORS MUST BE USED ON SLOPES GREATER THAN 5% IN FALL (PAST OCTOBER 1, AND OVER WINTER TO APRIL 1).

MULCH TYPE	RATE PER 1000 SF
HAY OR STRAW	70 TO 40 90 LBS
WOOD CHIPS OR BARK MULCH	480 TO 920 LBS
JUTE AND FIBROUS MATTING	AS PER MANUFACTURERS' SPECIFICATIONS
CRUSHED STONE 1/4" TO 1-1/2"	SPREAD MORE THAN 1/2" THICK

G. TEMPORARY EROSION CONTROL BLANKET SPECIFICATIONS

- STRAW EROSION CONTROL MAT CONSISTING OF A MACHINE PRODUCED MAT OF 100 PERCENT AGRICULTURAL STRAW FIBER, MINIMUM WEIGHT: 0.5 LBS/SY. NETTINGS MUST BE 100 PERCENT BIO OR PHOTO DEGRADABLE WOVEN NATURAL ORGANIC FIBER, MINIMUM WEIGHT: 9.3 LB/1000 SF. MINIMUM WIDTH: 6.7 FT, MINIMUM THICKNESS: 0.24 INCH. THE MINIMUM FUNCTIONAL LONGEVITY OF THE BLANKET MUST BE 12 MONTHS. THERE MUST BE NO PLASTIC OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCH. PRODUCT: NORTH AMERICAN GREEN S75 BN OR EQUAL.

H. EXTENDED USE EROSION CONTROL BLANKET SPECIFICATION

- JUTE EROSION CONTROL BLANKETS MUST BE OF UNIFORM PLAIN WEAVE SINGLE JUTE YARN AVERAGING APPROXIMATELY 130 POUNDS PER SPINDLE OF 14,400 YARDS. THE YARN MUST BE LOOSELY TWISTED AND WOVEN INTO 48 INCH WIDE BLANKETS WITH A MINIMUM AVERAGE WEIGHT OF 1.0 POUNDS PER SQUARE YARD.

I. WINTER STABILIZATION

THE WINTER CONSTRUCTION PERIOD IS FROM OCTOBER 15 THROUGH MAY 15. IF THE SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 85% MATURE VEGETATION COVER OR RIPRAP BY OCTOBER 15 THEN THE SITE MUST BE PROTECTED WITH OVER-WINTER STABILIZATION.

- PROVIDE STABILIZATION AS FOLLOWS WITHIN A DAY OF ESTABLISHING THE GRADE THAT IS FINAL OR THAT OTHERWISE WILL EXIST FOR MORE THAN 5 DAYS:
 - PROPOSED VEGETATED AREAS HAVING A SLOPE OF LESS THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH MUST BE SEEDED AND COVERED WITH 3 TO 4 TONS OF HAY OR STRAW MULCH PER ACRE SECURED WITH ANCHORED NETTING, OR 2 INCHES OF EROSION CONTROL MIX.

- PROPOSED VEGETATED AREAS HAVING A SLOPE OF GREATER THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHOULD BE SEEDED AND COVERED WITH A PROPERLY INSTALLED AND ANCHORED EROSION CONTROL BLANKET OR WITH A MINIMUM OF 4 INCH THICKNESS OF EROSION CONTROL MIX, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. NOTE THAT COMPOST BLANKETS SHOULD NOT EXCEED 2 INCHES IN THICKNESS OR THEY MAY OVERHEAT.

- INSTALLATION OF ANCHORED HAY MULCH OR EROSION CONTROL MIX MUST NOT OCCUR OVER ACCUMULATED SNOW OR FROZEN GROUND AND MUST BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- MULCH APPLIED DURING WINTER MUST BE ANCHORED (e.g. BY NETTING, TRACKING, WOOD CELLULOSE FIBER).
- STOCKPILES OF SOIL MATERIALS MUST BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. MULCHING MUST BE DONE WITHIN 24 HOURS OF STOCKING, AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. NO SOIL STOCKPILE MUST BE PLACED (EVEN COVERED WITH MULCH) WITHIN 100 FEET FROM ANY WETLAND OR OTHER WATER RESOURCE AREA.
- GRASS LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY SEPTEMBER 1. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH MUST BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- NO MORE THAN ONE ACRE OF THE SITE MUST BE EXPOSED (WITHOUT STABILIZATION) AT ANY ONE TIME. GENERALLY THE EXPOSED AREA SHOULD BE LIMITED TO ONLY THOSE AREAS IN WHICH WORK WILL OCCUR DURING THE FOLLOWING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW OR RAINFALL EVENT.

J. PERMANENT SEEDING

- PROVIDE PERMANENT SEEDING ACCORDING TO PROJECT SPECIFICATIONS. FOR ALL AREAS NOT OTHERWISE SPECIFIED, PROVIDE PERMANENT SEEDING ACCORDING TO SPECIFICATION SECTION 329200, "TURF AND GRASSES".

K. OFF-SITE VEHICLE TRACKING

- SWEEP ADJACENT PAVED AREAS AND ROADS AS NECESSARY AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE TO KEEP THEM FREE OF SEDIMENTS RESULTING FROM CONSTRUCTION ACTIVITIES.

L. HOUSEKEEPING

- WASTE MATERIALS MUST BE COLLECTED AND STORED IN SECURELY LIDDED RECEPTACLES. TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN A DUMPSTER PROVIDED BY THE CONTRACTOR. CONSTRUCTION WASTE MATERIALS MUST NOT BE BURIED ON SITE.
- HAZARDOUS WASTE MATERIALS MUST BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS OR BY THE MANUFACTURER.
- MATERIALS STORED ON SITE MUST BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINER AND IF POSSIBLE UNDER A ROOF OR OTHER ENCLOSURE. STORE ONLY SUFFICIENT AMOUNTS OF MATERIALS TO COMPLETE THE JOB.
- DISPOSE OF SURPLUS MATERIALS IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, STATE AND FEDERAL CODES.
- CONSTRUCTION RELATED EQUIPMENT AND VEHICLES MUST BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO AVOID LEAKAGE.

M. DUST CONTROL

- CONTROL DUST WITH PERIODIC WATERING OF THE EXPOSED SOIL SURFACES WITH ADEQUATE WATER TO CONTROL DUST FROM BECOMING AIRBORNE. REPETITIVE TREATMENTS MUST BE APPLIED AS NEEDED TO CONTROL DUST THROUGHOUT CONSTRUCTION UNTIL AREAS HAVE BEEN STABILIZED.
- OTHER METHODS TO CONTROL DUST WILL BE ALLOWED WITH APPROVAL BY THE CONTRACT ADMINISTRATOR.

O. CONSTRUCTION DEWATERING

- IF DEWATERING OF EXCAVATIONS IS NECESSARY, INFILTRATE DEWATERING WASTEWATER INTO THE GROUND USING INFILTRATION PITS.

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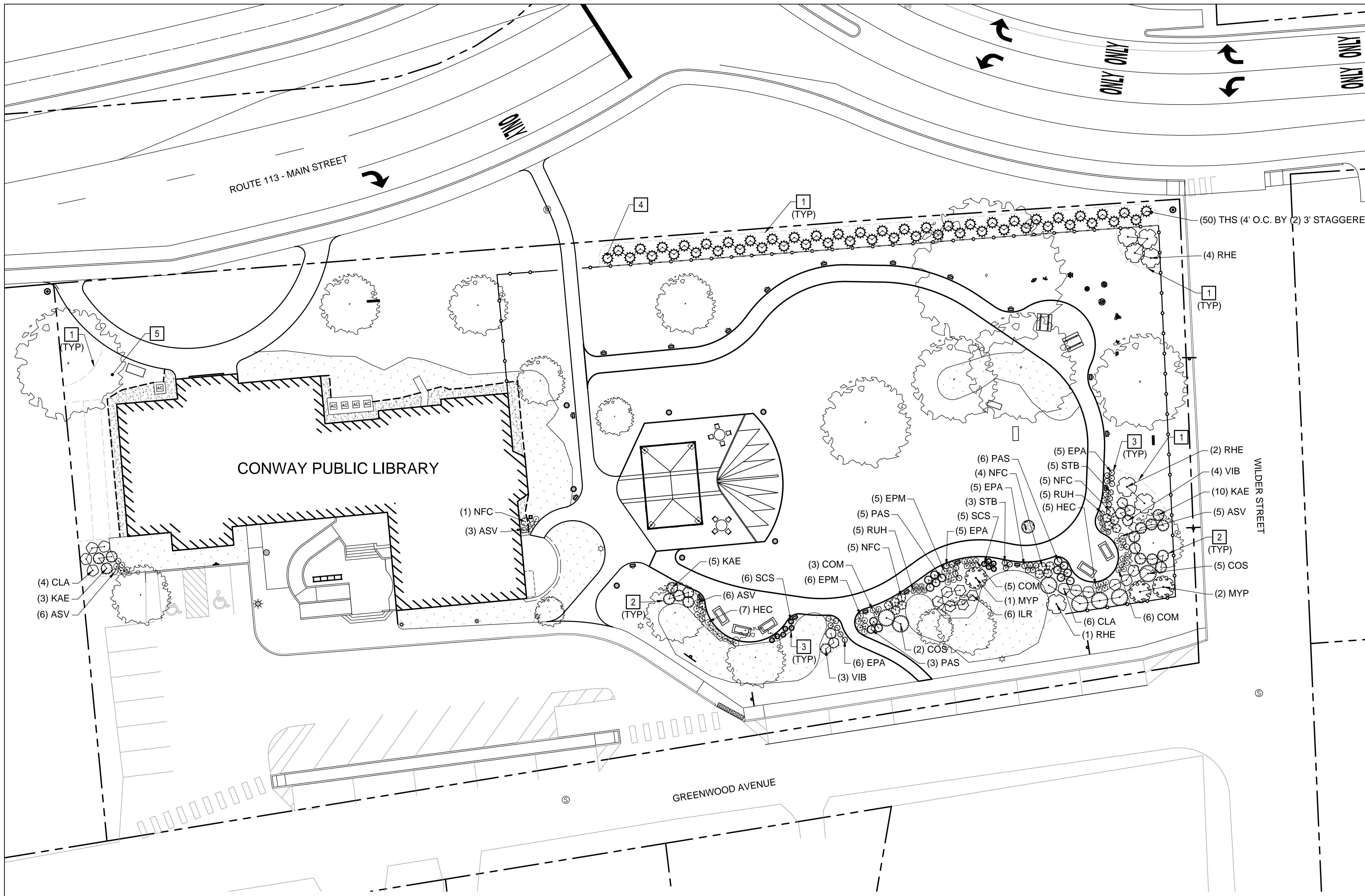
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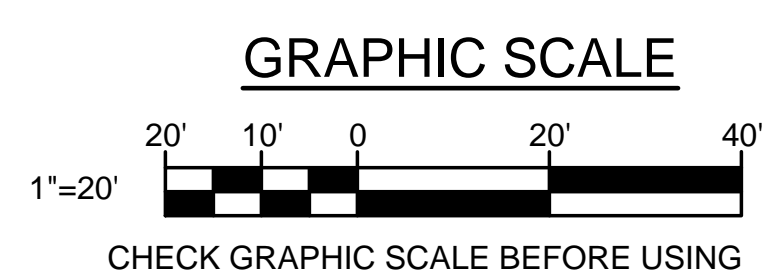
EROSION CONTROL NOTES

SCALE: AS NOTED
DATE: 03-27-26
DWG: LG102
SHEET: 8 OF 16

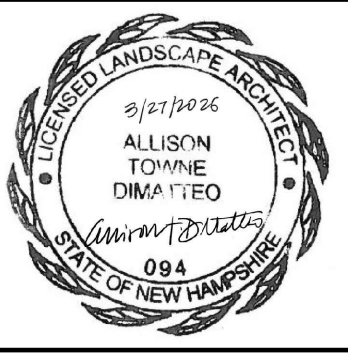


- KEYNOTES:** (THIS SHEET ONLY).
- 1 TRENCH EDGE. SEE 3/L-505.
 - 2 GROUP SHRUB PLANTING. SEE 1/L-505.
 - 3 GROUP PERENNIAL PLANTING. SEE 2/L-505.
 - 4 HEDGE - SPACE PLANTS UNIFORMLY AT 4' ON CENTER AND 5' FROM CENTERLINE OF SHRUBS TO FENCE.
 - 5 PREPARE PLANTING BED FOR FUTURE PLANTINGS. SIMILAR TO 1, 2,3/L-505.
- NOTE:** SEE L-505 FOR PLANT LIST.

1 LANDSCAPE PLAN
 LS201 SCALE: 1"=20'



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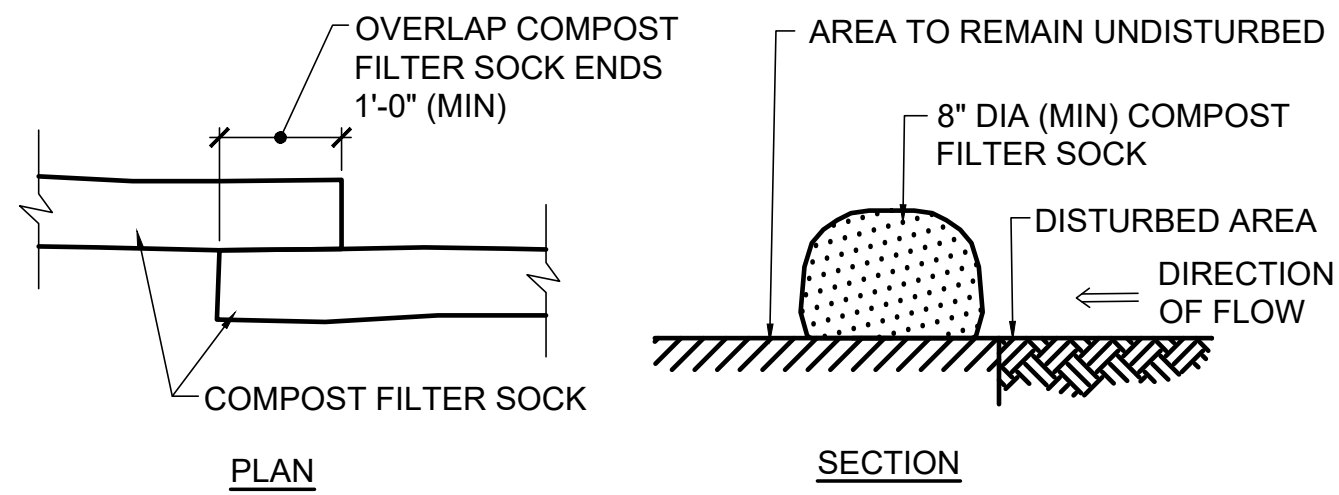


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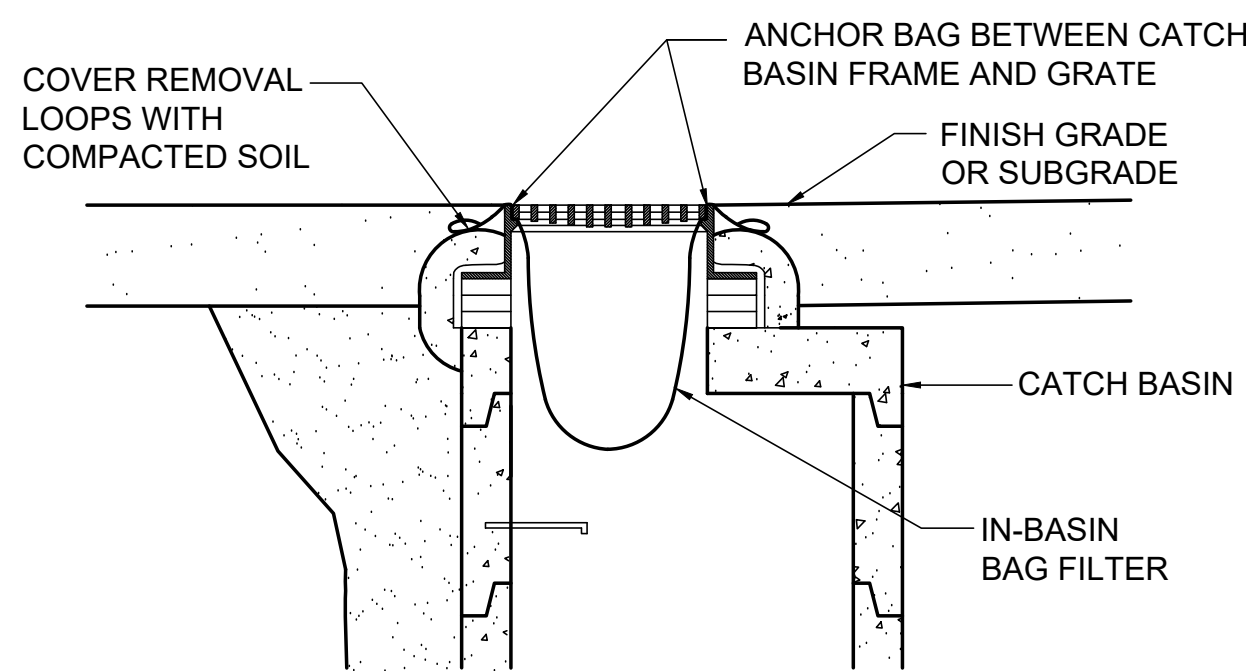
LANDSCAPE PLAN



- NOTES:**
1. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE SOCK HEIGHT.
 2. COMPOST FILTER SOCKS SHALL REMAIN IN PLACE UNTIL TRIBUTARY AREAS ARE STABILIZED.
 3. SECURE COMPOST FILTER SOCKS IN PLACE WITH 1 INCH BY 1 INCH HARDWOOD STAKES, EVERY 10 FEET OR LESS.
 4. COMPOST FILTER SOCKS SHALL BE A WOVEN OR NONWOVEN POLYPROPYLENE TUBE WITH A MINIMUM TENSILE STRENGTH OF 200 PSI, MESH OPENING OF 1/8 INCH AND MINIMUM FLOW RATE OF 0.2 GAL/MIN/SF, FILLED WITH ORGANIC MATERIALS DERIVED FROM A WELL DECOMPOSED SOURCE OF ORGANIC MATTER. THE ORGANIC MATERIAL CONTENT SHALL BE BETWEEN 95 AND 100 PERCENT, 95 PERCENT SHALL PASS A 2-INCH SIEVE AND A MAXIMUM OF 40 PERCENT SHALL PASS A 40 PERCENT SIEVE. THE PH SHALL BE BETWEEN 5.0 AND 8.0 AND THE SOLUBLE SALT CONTENT SHALL BE LESS THAN 4.0 MMHOS/CM.

1 COMPOST FILTER SOCK

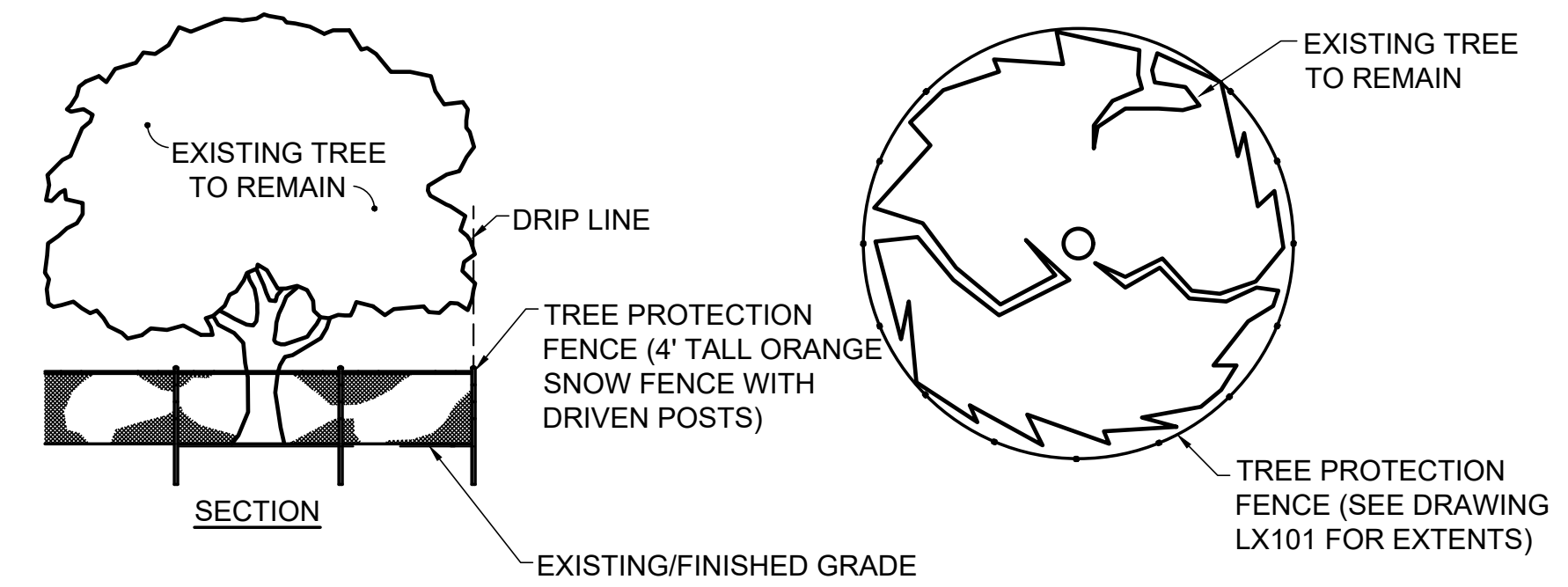
LX101, LG101 L-502 NOT TO SCALE



- NOTES:**
1. IN-BASIN BAG FILTERS SHALL BE "DANDY SACK" BY TENCATE OR APPROVED EQUAL. INSTALL ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
 2. REMOVE ACCUMULATED SEDIMENTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

2 CATCH BASIN INLET PROTECTION

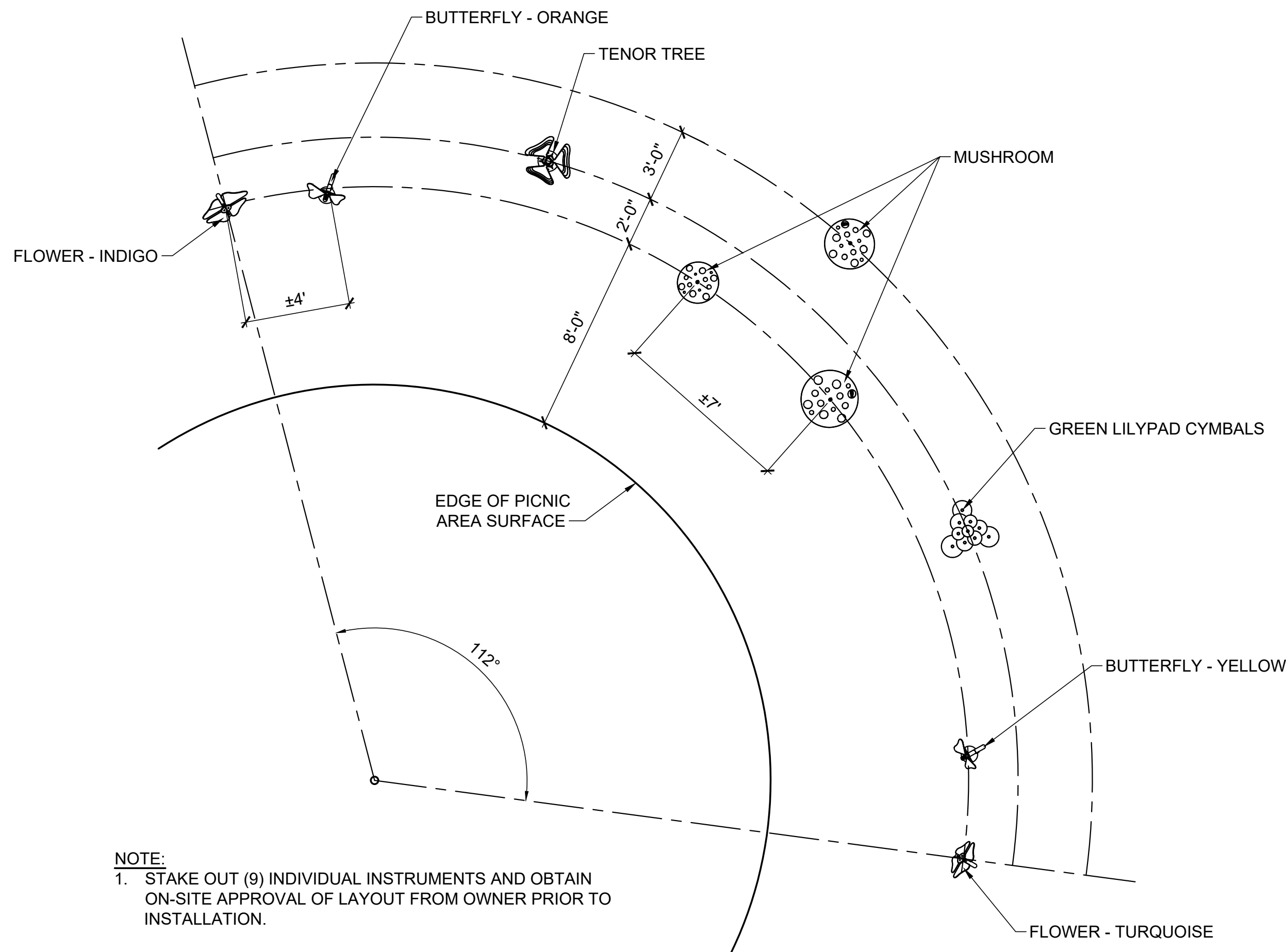
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- TREE PROTECTION NOTES:**
1. DO NOT STORE MATERIALS OR EQUIPMENT WITHIN TREE PROTECTION ZONES.
 2. EXCAVATE ONLY BEYOND DRIP LINE OF TREE UNLESS INDICATED OTHERWISE ON DRAWINGS. PRUNE ROOTS IF EXPOSED.
 3. DIRECT VEHICLE EXHAUST AWAY FROM TREE PROTECTION ZONES.
 4. HAND EXCAVATE WITHIN TREE PROTECTION ZONES WHERE EXCAVATION IS INDICATED ON DRAWINGS.

3 TREE PROTECTION FENCE DETAIL

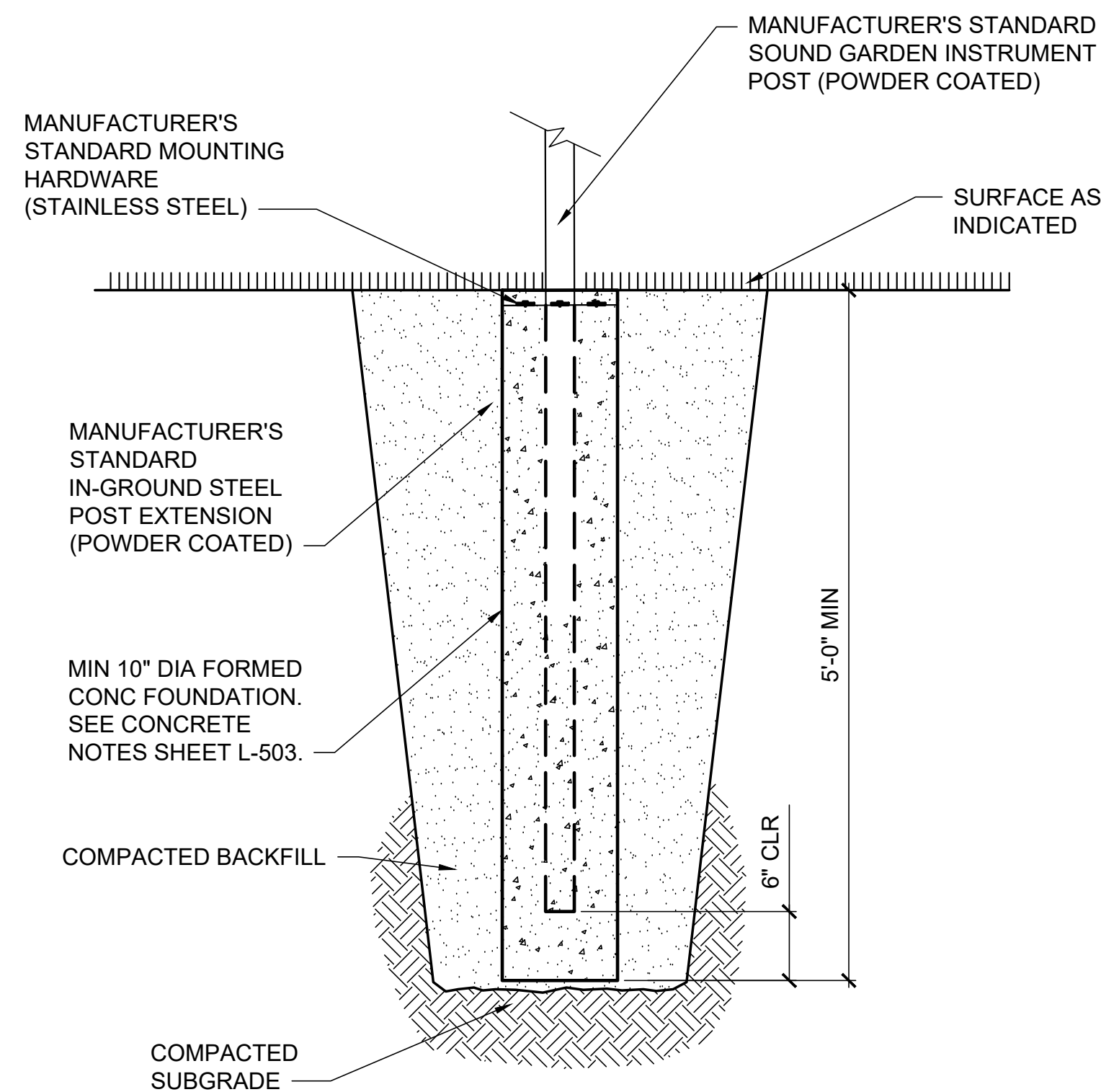
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- NOTE:**
1. STAKE OUT (9) INDIVIDUAL INSTRUMENTS AND OBTAIN ON-SITE APPROVAL OF LAYOUT FROM OWNER PRIOR TO INSTALLATION.

4 SOUND GARDEN INSTRUMENTS

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- NOTE:**
1. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

5 SOUND GARDEN INSTRUMENT FOOTING

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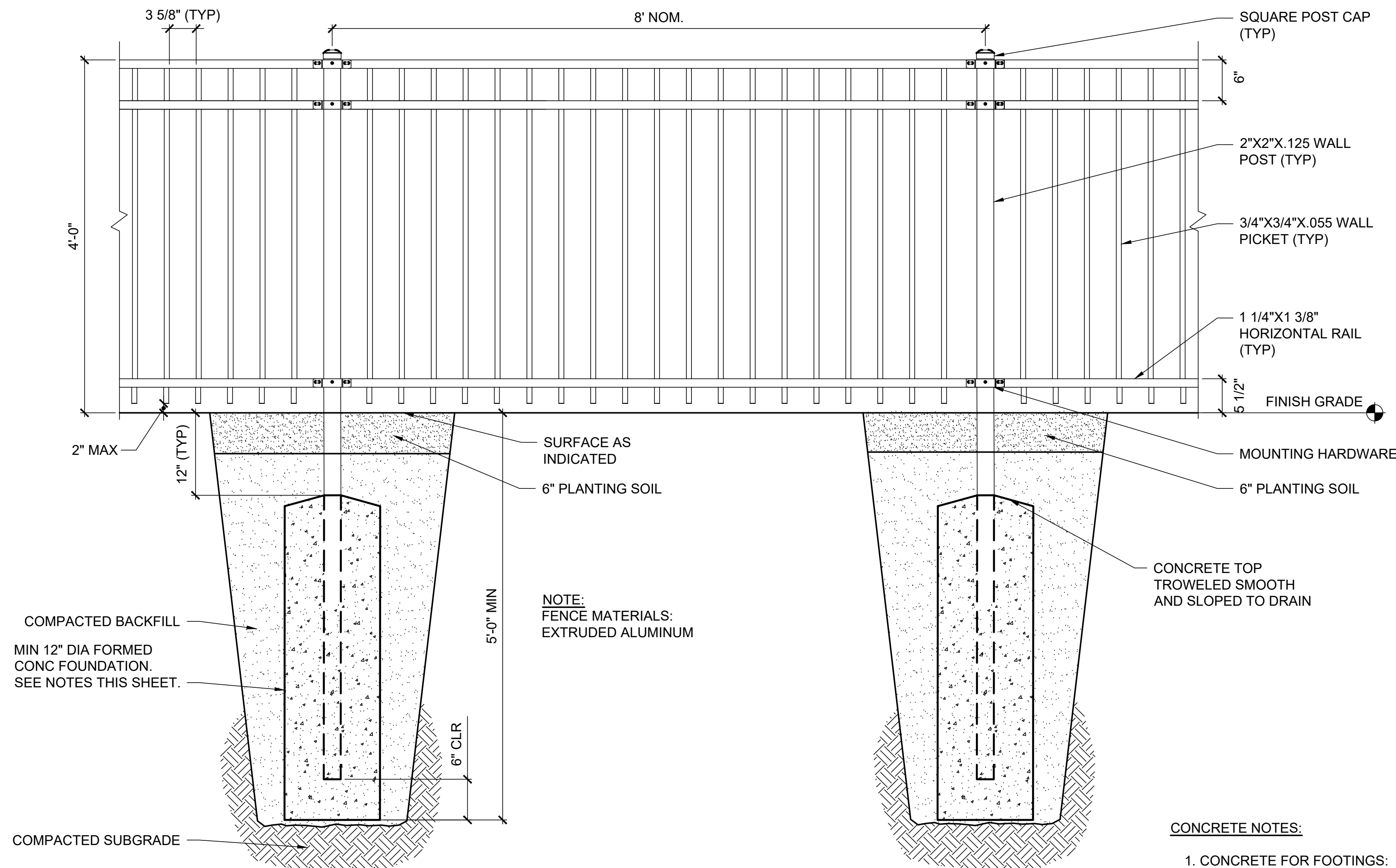
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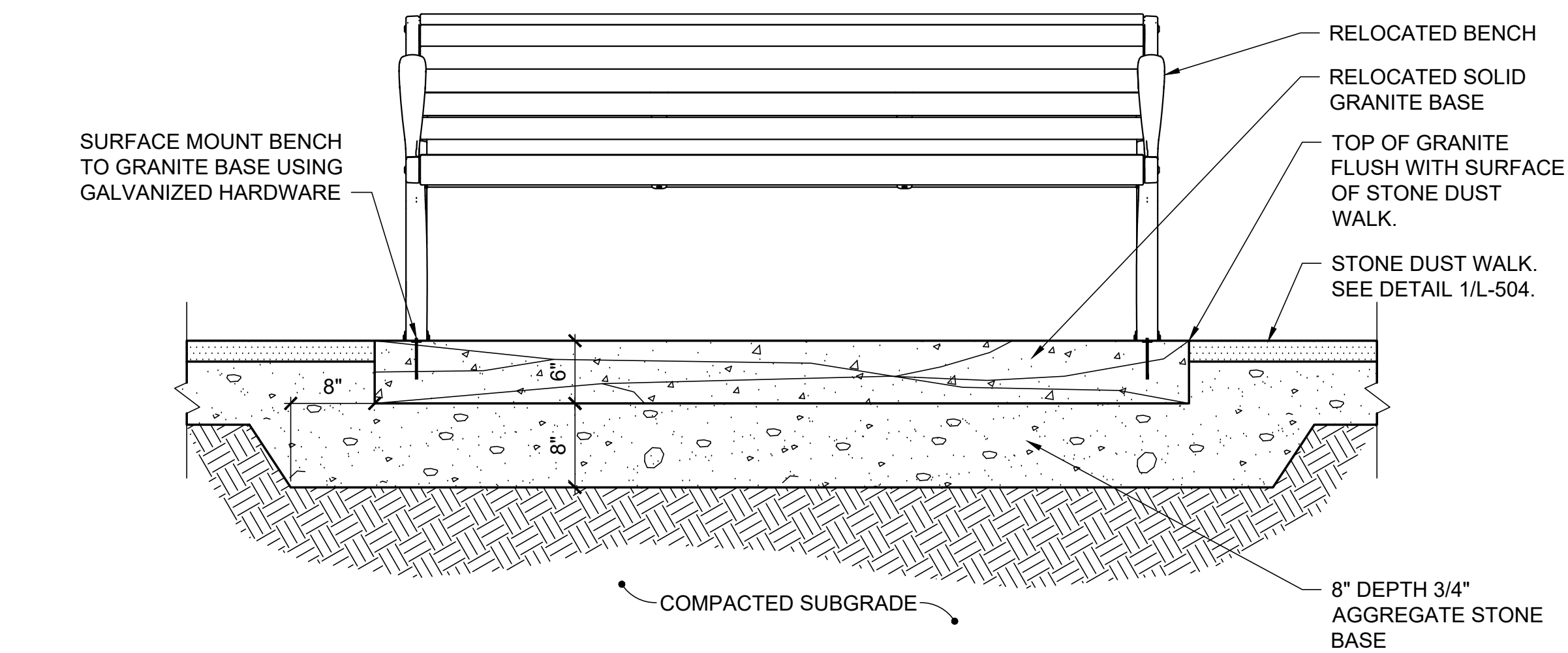
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DWG.: **L-502**

SHEET: **11** OF **16**



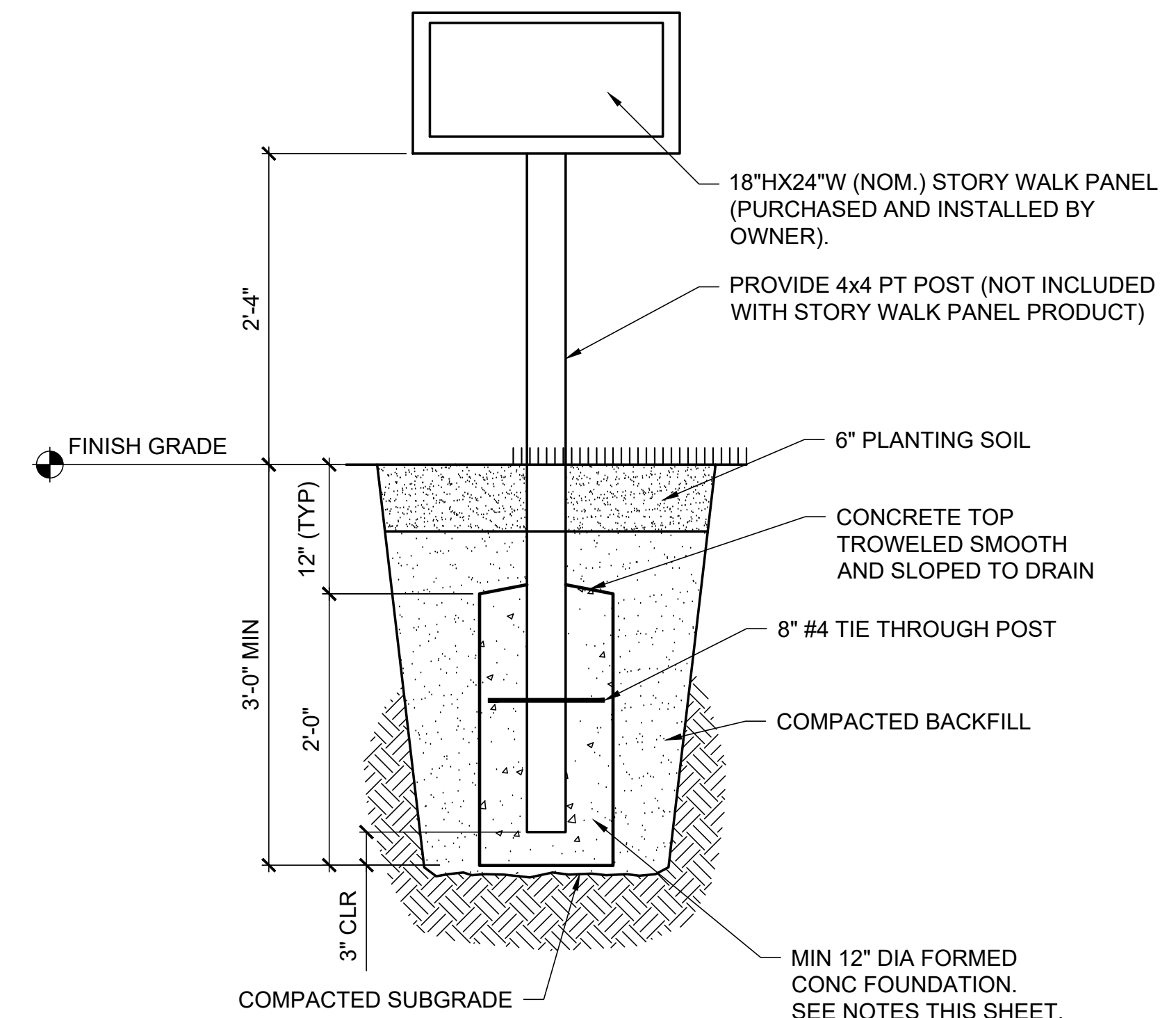
1 DECORATIVE METAL FENCE
LS101 L-503 NOT TO SCALE



3 BENCH ON GRANITE BASE
LS101 L-503 NOT TO SCALE

CONCRETE NOTES:

1. CONCRETE FOR FOOTINGS: NORMAL WEIGHT, F'C=3000 PSI WITH A MAXIMUM WATER/CEMENT RATIO=0.50.
2. FOOTINGS MUST NOT BE PLACED ON FROZEN SUBGRADE. PROTECT SUBGRADE FROM FREEZING AT PLACED FOOTINGS, PRIOR TO BACKFILL.
3. DEFORMED REINFORCING BARS: ASTM A615/A615M (GRADE 60).
4. MINIMUM REINFORCING STEEL COVER: 3".
4. MINIMUM COVER TO POST: 3".
5. EARTH-FORMED FOOTINGS ARE NOT PERMITTED.



2 STORY WALK PANEL
LS101 L-503 NOT TO SCALE



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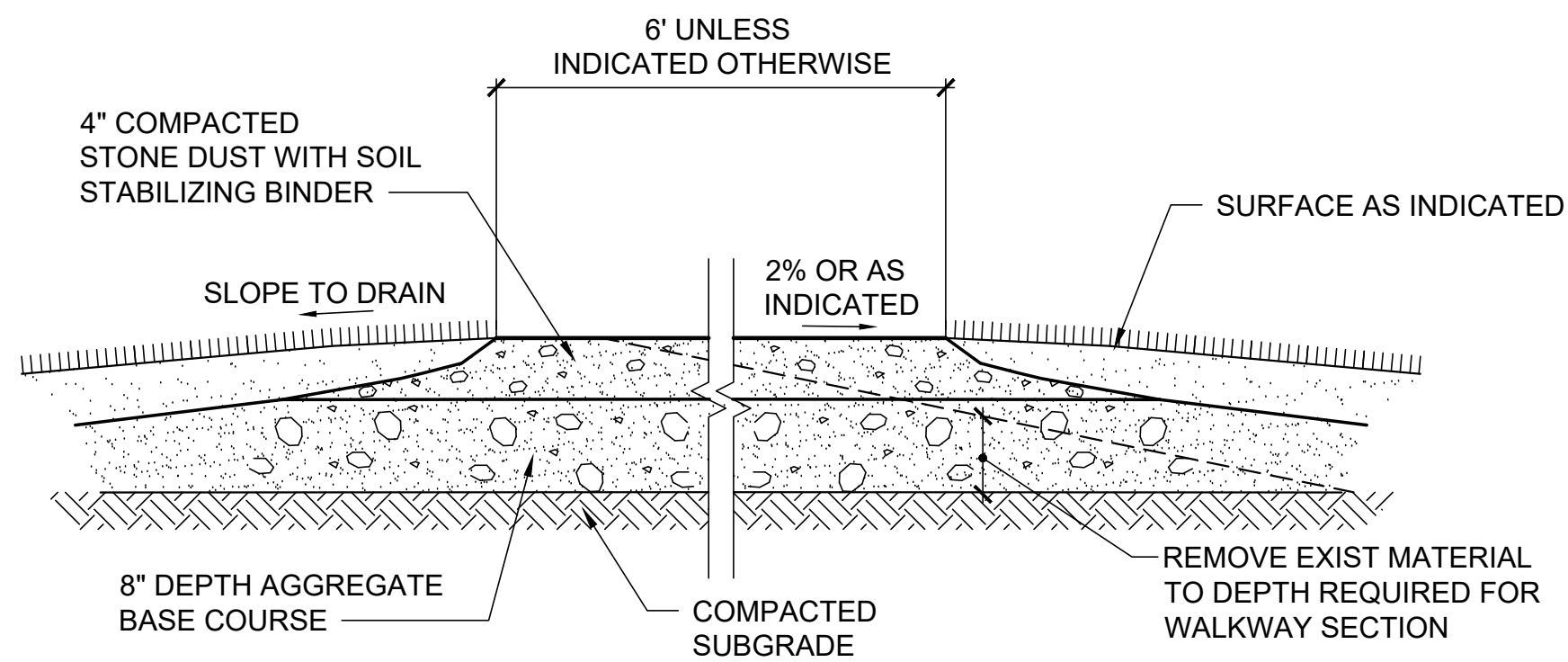
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SITE DETAILS 2

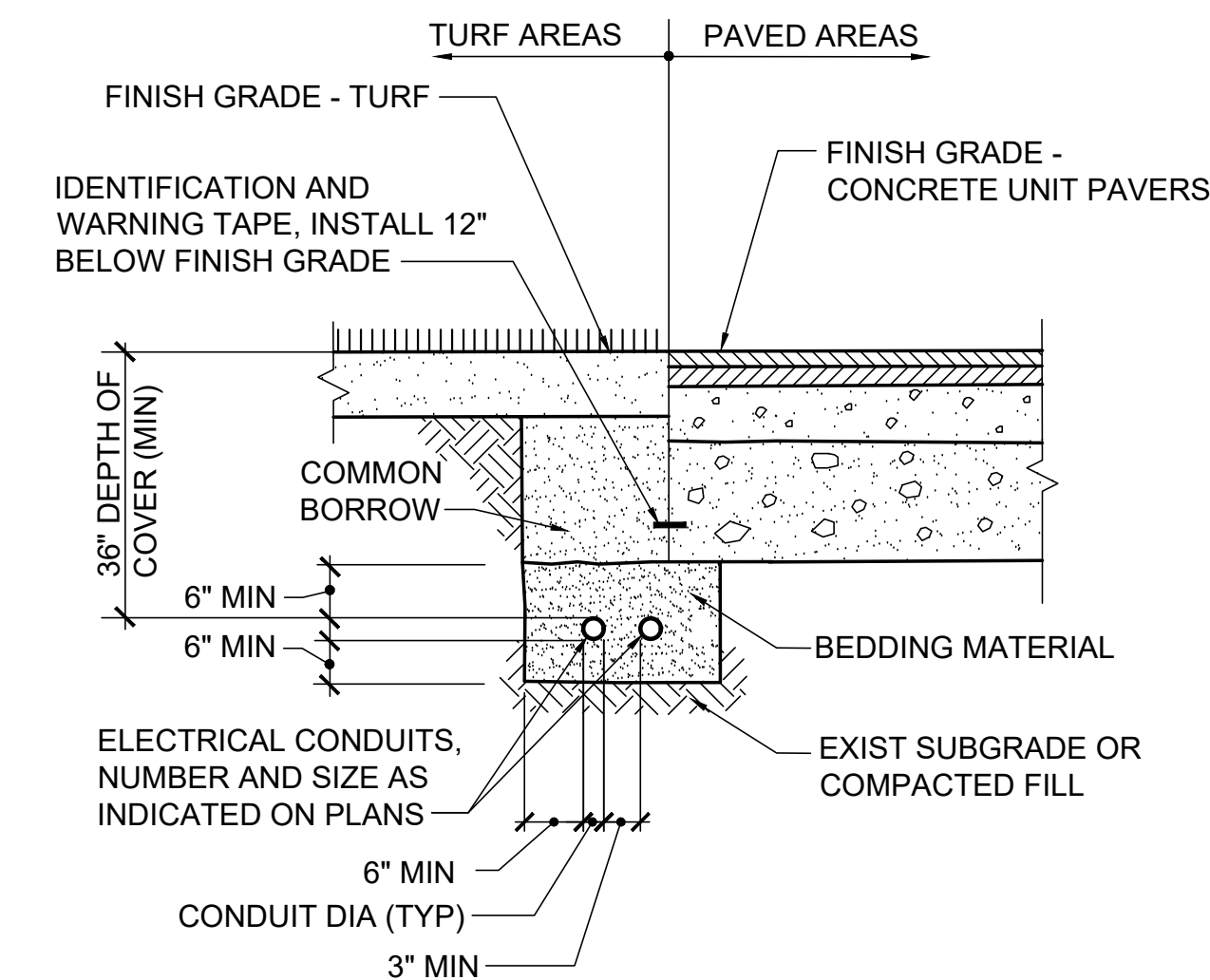
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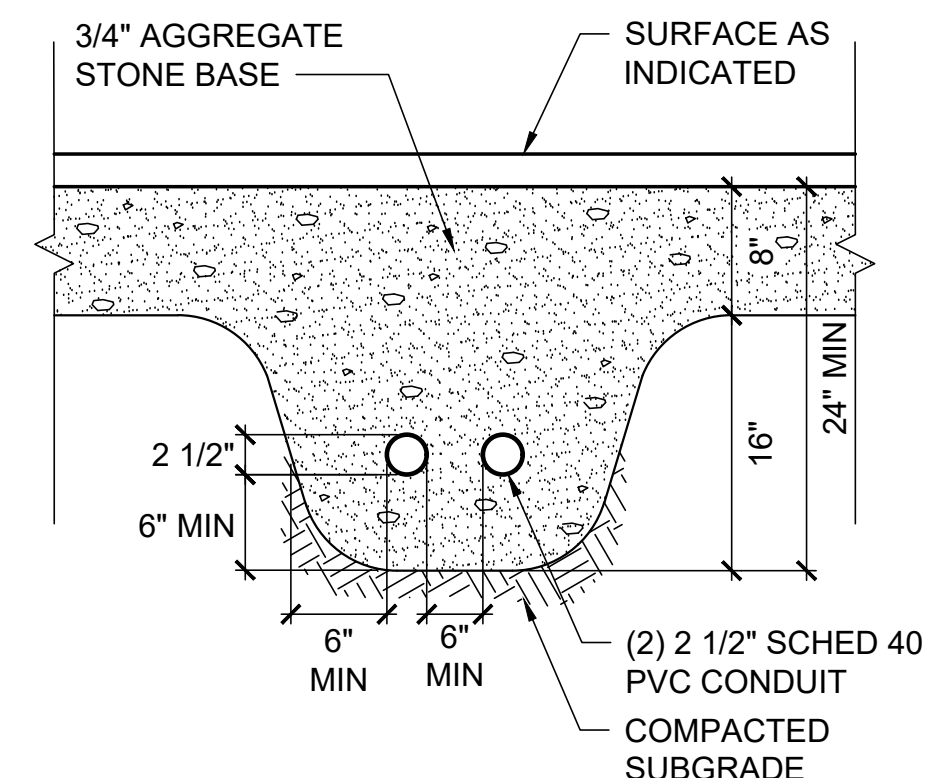
- NOTE:**
- STONE DUST AGGREGATE MUST BE THOROUGHLY PRE-MIXED WITH STABILIZER BINDER PRIOR TO INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - AGGREGATE BASE COURSE DEPTH MAY BE REDUCED TO A MINIMUM OF 3-INCHES IF STABLE ROCK SURFACE IS EXPOSED BELOW.

1 STONE DUST WALK
L-504 NOT TO SCALE
LS101

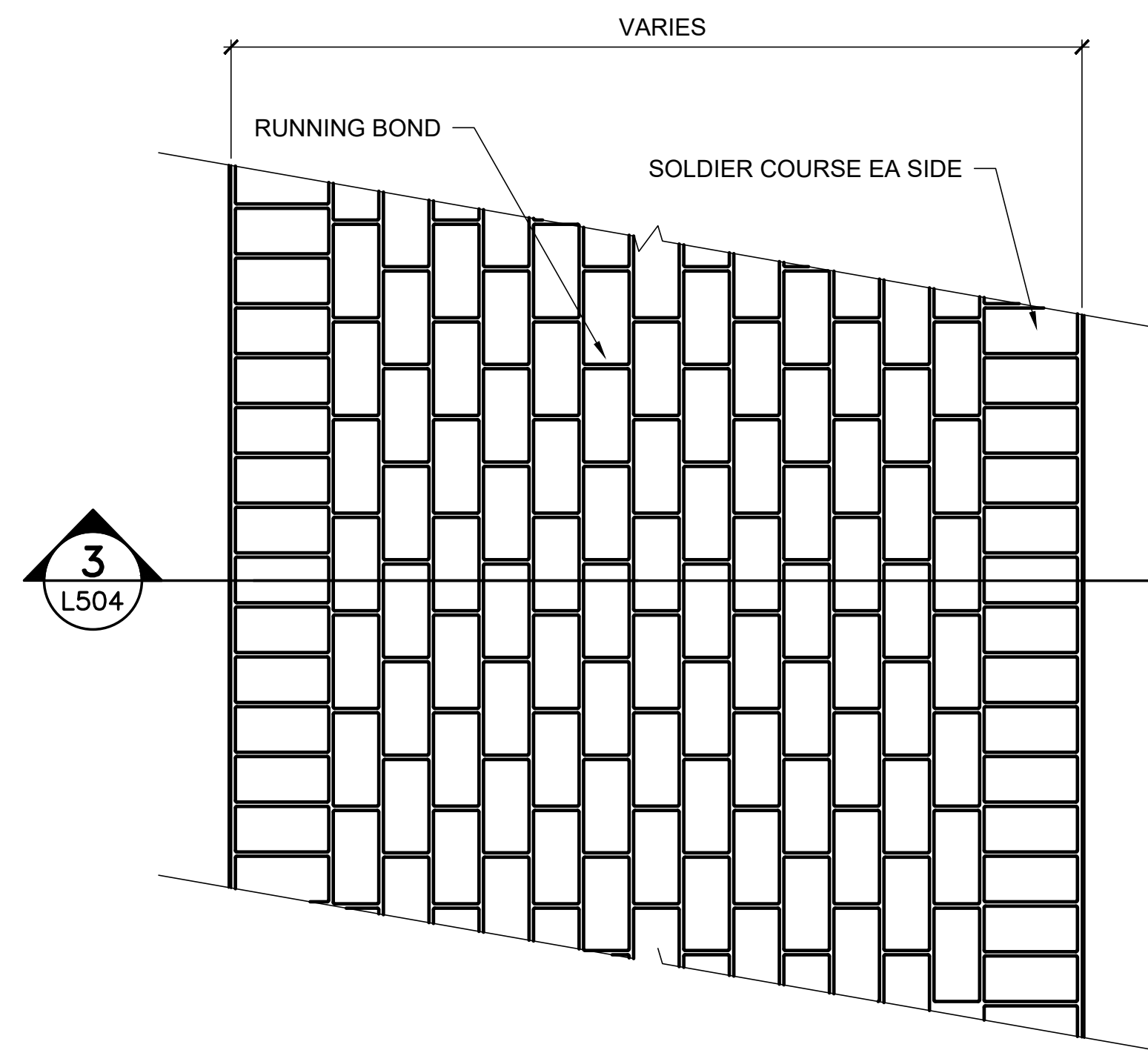


- CONDUIT TRENCH NOTE:**
- VERTICAL CONDUIT BENDS, RISERS, AND ABOVE GRADE CONDUIT MUST BE RIGID GALVANIZED STEEL.

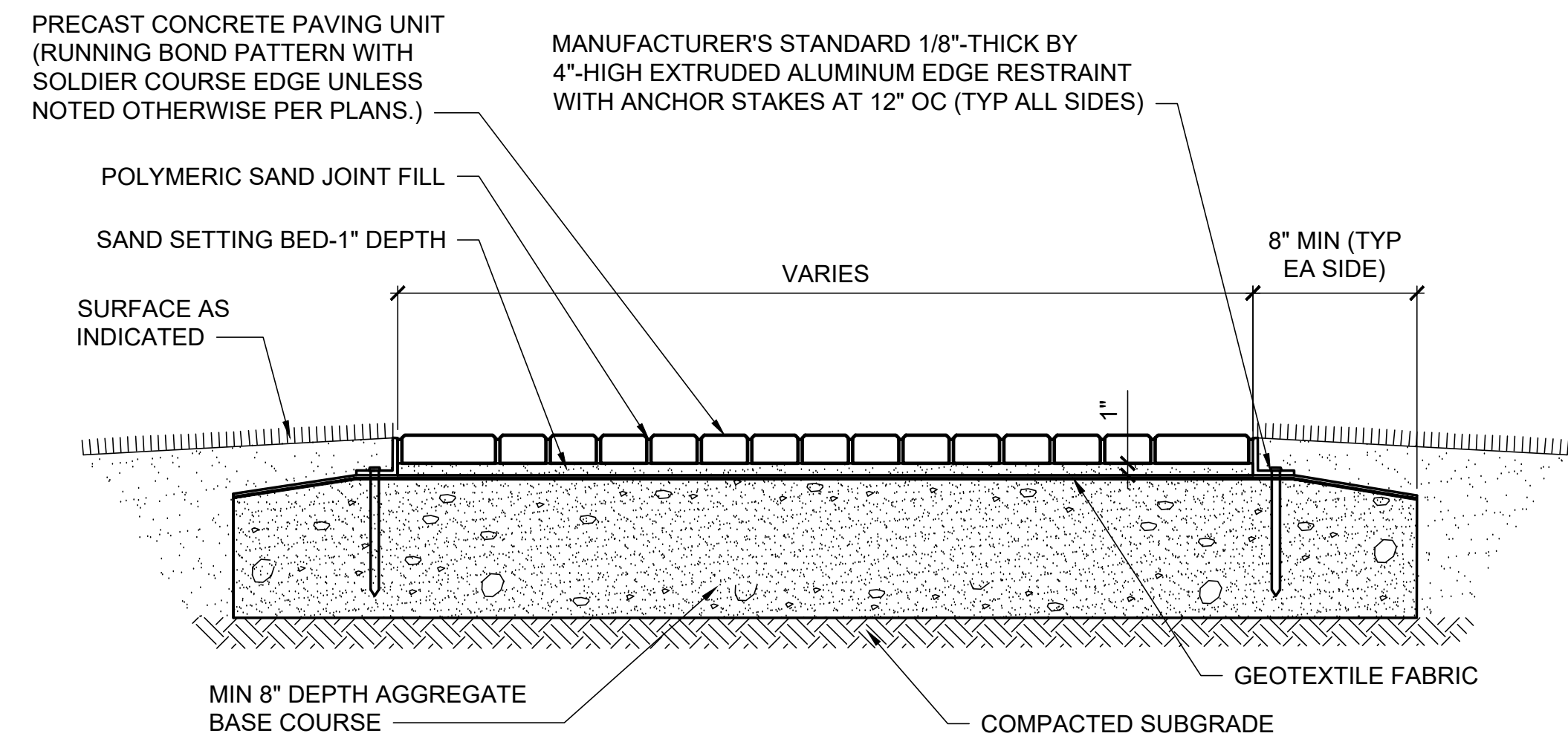
4 CONDUIT TRENCH DETAIL
L-504 NOT TO SCALE
LU101, LG101



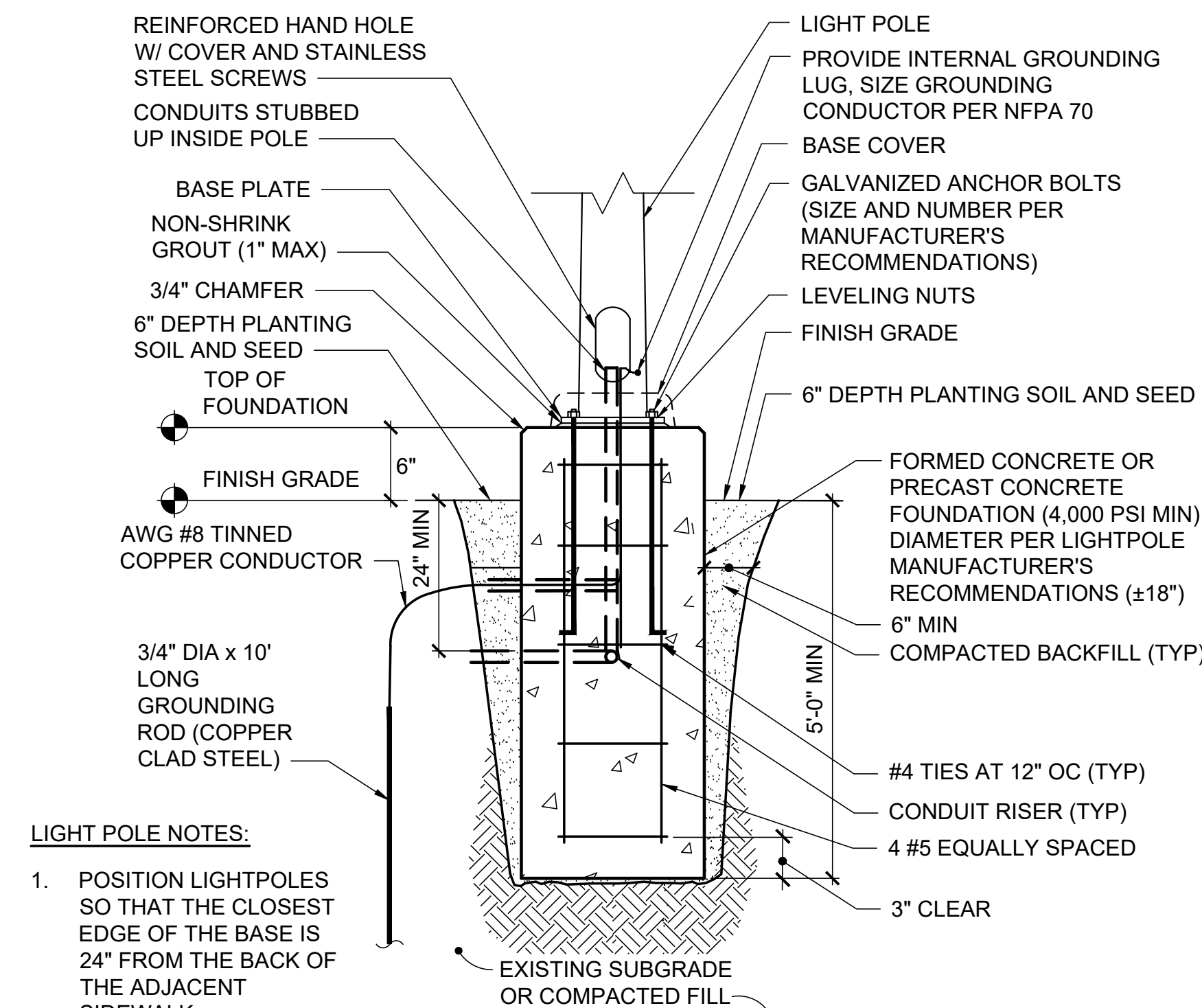
5 CONDUIT FOR FUTURE IRRIGATION
L-504 NOT TO SCALE
LU101, LG101



2 CONCRETE UNIT PAVER WALK-PLAN
L-504 NOT TO SCALE
LS101



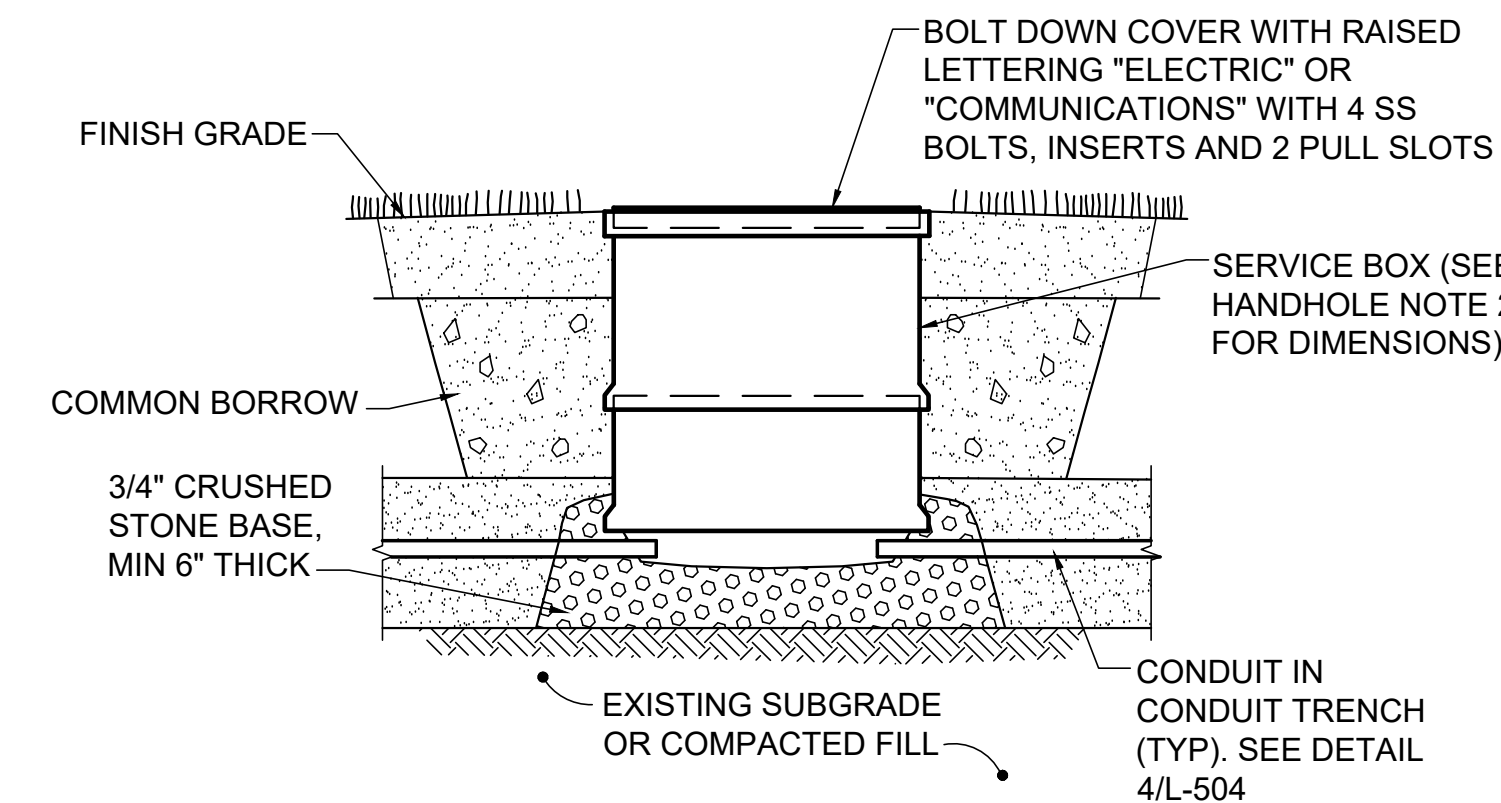
3 CONCRETE UNIT PAVER WALK-SECTION
L-504 NOT TO SCALE
LS101



LIGHT POLE NOTES:

- POSITION LIGHTPOLES SO THAT THE CLOSEST EDGE OF THE BASE IS 24" FROM THE BACK OF THE ADJACENT SIDEWALK.

6 LIGHT POLE FOUNDATION
L-504 NOT TO SCALE
LS101



HANDHOLE NOTES:

- HANDHOLE BODIES 2'-0" DEEP AND LESS MUST BE ONE PIECE CONSTRUCTION.
- APPROXIMATE SERVICE BOX DIMENSIONS AREA AS FOLLOWS:
 - LIGHTING CONDUIT: 18" X 18" X 2'-0" HIGH
 - ELECTRICAL/COMMUNICATIONS CONDUIT: 2'-6" X 2'-6" X 2'-0" HIGH

7 ELECTRIC AND COMMUNICATIONS HANDHOLE
L-504 NOT TO SCALE
LU101, LG101

NO.	DATE	DESCRIPTION	BY
REVISIONS			

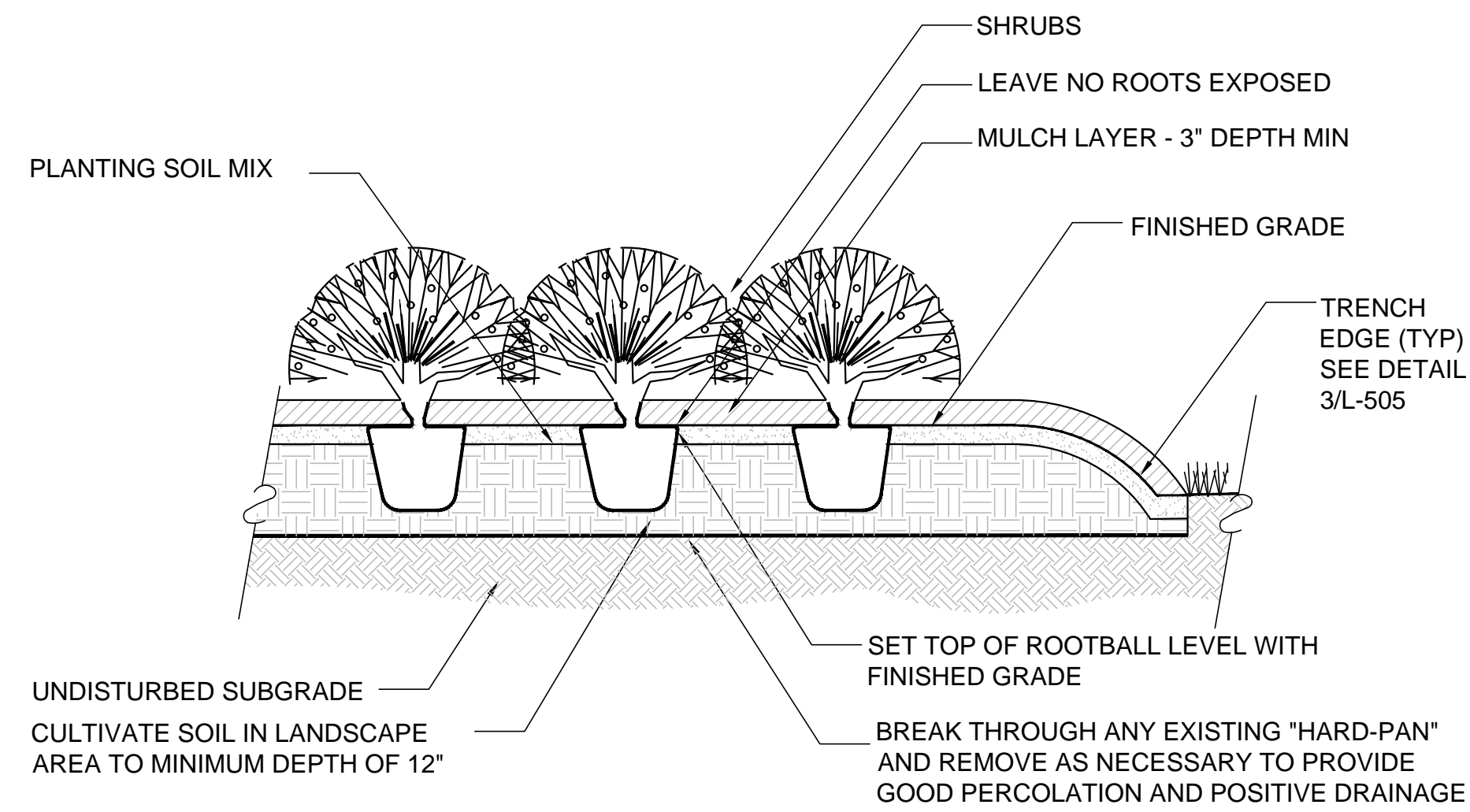


DESIGNED BY: KSP
DRAWN BY: TLS
CHECKED BY: ATD
PROJECT: 22204.17

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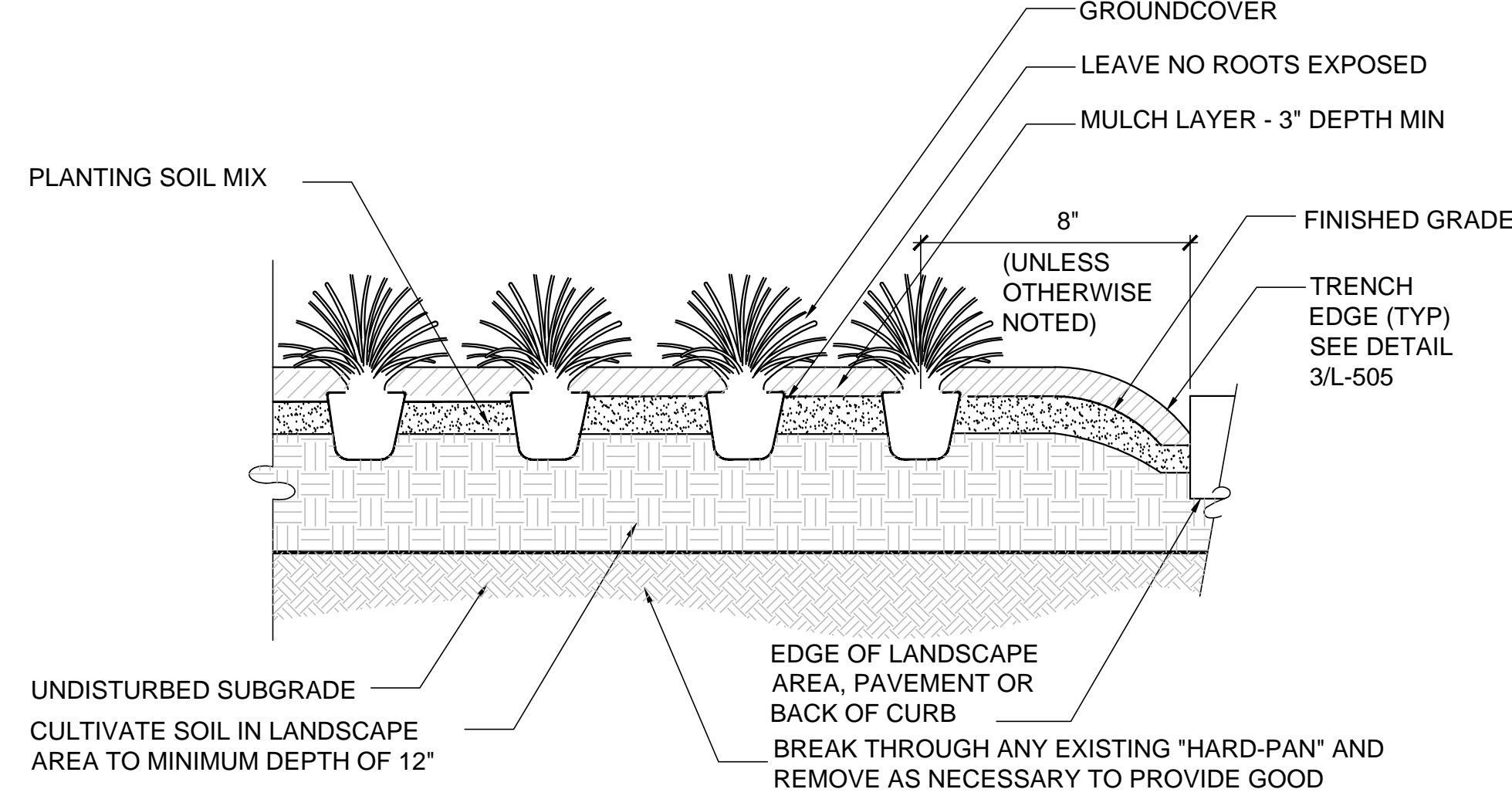
SITE DETAILS 3



PLANTING PROCEDURE

- LAY OUT BED AND OUTLINE WITH TRENCH EDGE. PLACE SOIL FROM EDGE WITHIN BED.
- ROTOTILL BED TO 12" DEPTH. SPREAD 3" MIN. LAYER OF PLANTING SOIL MIX OVER BED. ROTOTILL SOIL MIX INTO TOP OF BED. INSTALL PLANTS AND MULCH. WATER THOROUGHLY.

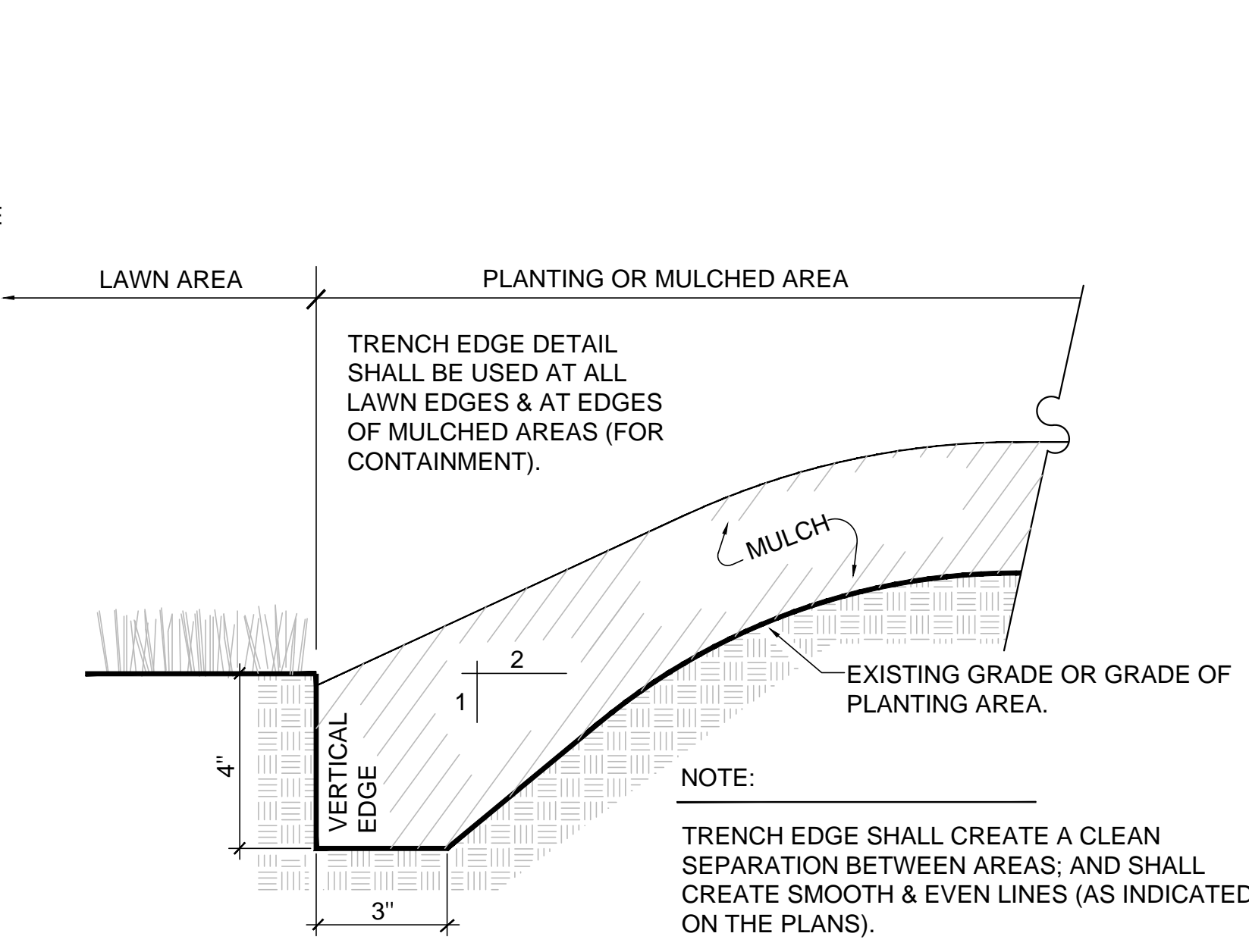
1 GROUP SHRUB PLANTING
L-505 NOT TO SCALE



PLANTING PROCEDURE

- LAY OUT BED AND OUTLINE WITH TRENCH EDGE. PLACE SOIL FROM EDGE WITHIN BED.
- ROTOTILL BED TO 12" DEPTH. SPREAD 3" MIN. LAYER OF PLANTING SOIL MIX OVER BED. ROTOTILL SOIL MIX INTO TOP OF BED. INSTALL PLANTS AND MULCH. WATER THOROUGHLY.

2 GROUNDCOVER/PERENNIAL PLANTING
L-505 NOT TO SCALE



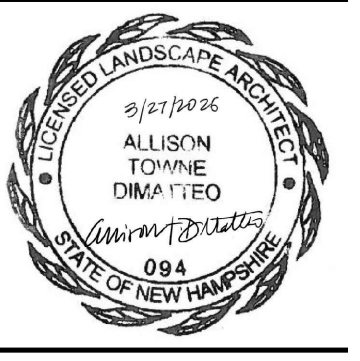
NOTE:
TRENCH EDGE SHALL CREATE A CLEAN SEPARATION BETWEEN AREAS; AND SHALL CREATE SMOOTH & EVEN LINES (AS INDICATED ON THE PLANS).

3 TRENCH EDGE - SECTION
L-505 NOT TO SCALE

PLANT LIST

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
TREES						
	THS	THUJA OCCIDENTALIS 'SMARAGD' / EMERALD GREEN ARBORVITAE	4' HT.	B&B	50	FULL TO GROUND; DENSE FOLIAGE; STRAIGHT
SHRUBS						
	CLA	CLETHRA ALNIFOLIA / SUMMERSWEET	3 GAL.	POT	10	DENSE BRANCHING; WELL ROOTED, SELF SUPPORTING STEMS
	COS	CORNUS SERICEA / RED TWIG DOGWOOD	3 GAL.	POT	7	DENSE BRANCHING; WELL ROOTED, SELF SUPPORTING STEMS
	ILR	ILEX VERTICILLATA 'RED SPRITE' / RED SPRITE WINTERBERRY	3 GAL.	POT	6	DENSE BRANCHING; WELL ROOTED, INCLUDE (1) MALE PLANT
	KAE	KALMIA LATIFOLIA 'ELF' / ELF DWARF MOUNTAIN LAUREL	3 GAL.	POT	18	DENSE FORM; GOOD COLOR; WELL ROOTED
	MYP	MYRICA PENNSYLVANICA / NORTHERN BAYBERRY	3 GAL.	POT	3	DENSE FORM; GOOD COLOR; WELL ROOTED
	RHE	RHODODENDRON X 'ENGLISH ROSEUM' / ENGLISH ROSEUM RHODODENDRON	5 GAL.	POT	7	DENSE BRANCHING; WELL ROOTED, SELF SUPPORTING STEMS
	VIB	VIBURNUM DENTATUM 'BLUE MUFFIN' / BLUE MUFFIN ARROWWOOD VIBURNUM	3 GAL.	POT	7	DENSE BRANCHING; WELL ROOTED, SELF SUPPORTING STEMS
GRASSES						
	PAS	PANICUM VIRGATUM 'SHENANDOAH' / SHENANDOAH SWITCH GRASS	1 GAL.	POT	14	FULL IN POT; GOOD COLOR
	SCS	SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM	1 GAL.	POT	11	FULL IN POT; GOOD COLOR
PERENNIALS						
	ASV	ASTILBE CHINENSIS 'VISION IN RED' / VISION IN RED CHINESE ASTILBE	1 GAL.	POT	20	WELL ROOTED IN POT; GOOD COLOR
	COM	COREOPSIS VERTICILLATA 'MOONBEAM' / MOONBEAM TICKSEED	1 GAL.	POT	14	WELL ROOTED IN POT; GOOD COLOR
	EPA	ECHINACEA PURPUREA 'ALBA' / WHITE CONEFLOWER	1 GAL.	POT	21	WELL ROOTED IN POT; GOOD COLOR
	EPM	ECHINACEA PURPUREA 'MAGNUS' / MAGNUS PURPLE CONEFLOWER	1 GAL.	POT	11	WELL ROOTED IN POT; GOOD COLOR
	HEC	HEMEROCALLIS X 'CATHERINE WOODBURY' / CATHERINE WOODBURY DAYLILY	1 GAL.	POT	12	WELL ROOTED IN POT; GOOD COLOR
	NFC	NEPETA X FAASSENII 'CAT'S MEOW' / CAT'S MEOW CATMINT	1 GAL.	POT	15	WELL ROOTED IN POT; GOOD COLOR
	RUH	RUDBECKIA HIRTA / BLACK-EYED SUSAN	1 GAL.	POT	10	WELL ROOTED IN POT; GOOD COLOR
	STB	STACHYS BYZANTINA / LAMB'S EAR	1 GAL.	POT	8	WELL ROOTED IN POT; GOOD COLOR

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PLANTING DETAILS AND PLANT LIST

SCALE: AS NOTED
DATE: 03-27-26
DWG.: **L-505**
SHEET: 14 OF 16

PART 1 - GENERAL

- COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NFPA, AND WITH STATE AND LOCAL CODES. IN CASE OF CONFLICT, THE MORE STRINGENT MUST APPLY.
- COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- COORDINATE ELECTRICAL WORK WITH CIVIL, MECHANICAL, ARCHITECTURAL, STRUCTURAL, AND PLUMBING TRADES.
- SUBMITTALS:
 - SUBMIT PRODUCT DATA FOR EACH TYPE OF MATERIAL AND PRODUCT LISTED IN PART 2.
 - SUBMIT SHOP DRAWINGS / WIRING DIAGRAMS EDITED TO REFLECT SITE-SPECIFIC CONDITIONS.
 - SUBMIT COPIES PER DIVISION 1 SPECIFICATION.

PART 2 - PRODUCTS

- ELECTRICAL EQUIPMENT AND WIRING MUST BE NEW, COMPLIANT WITH REQUIREMENTS OF THE BUILD AMERICA BUY AMERICA (BABA) ACT, AND UL LISTED UNLESS OTHERWISE NOTED.
- CONDUCTORS AND CABLES:
 - BUILDING WIRES AND CABLES: COPPER, TYPE THHN/THWN-2, SINGLE CONDUCTORS IN RACEWAY, CONCEALED IN FINISHED WALLS, CEILINGS, UNLESS OTHERWISE INDICATED.
 - CONNECTORS AND SPLICES: WIRING CONNECTORS OF SIZE, AMPACITY RATING, MATERIAL, AND TYPE AND CLASS FOR APPLICATION AND FOR SERVICES INDICATED.
 - MINIMUM SIZE WIRE MUST BE #12 AWG UNLESS NOTED OTHERWISE.
 - METAL-CLAD (MC) CABLE:
 - LISTING CRITERIA: INVESTIGATED, LABELED AND MARKED BY QUALIFIED ELECTRICAL TESTING LABRATORY IN ACCORDANCE WITH GUIDE INFORMATION AND STANDARDS SPECIFIED FOR THE FOLLOWING UL PRODUCT CATEGORIES:
 - METAL-CLAD CABLE: UL CCN PJAZ, INCLUDING UL 1569.
 - STANDARD FEATURES:
 - REFERENCED STANDARD: ARTICLE 330 OF NFPA 70.
 - CIRCUITS: SINGLE CIRCUIT.
 - CONDUCTORS: COPPER, COMPLYING WITH ASTM B3 FOR BARE ANNEALED COPPER AND WITH ASTM B8 FOR STRANDED CONDUCTORS.
 - GROUND CONDUCTOR: INSULATED.
 - CONDUCTOR INSULATION: TYPE FN/THHN/THWN-2. COMPLY WITH UL 83.
 - ARMOR: STEEL.
 - JACKET: PVC APPLIED OVER ARMOR WHERE LOCATED OUTSIDE.
- RACEWAYS:
 - CONDUIT: ELECTRICAL METALLIC TUBING: ANSI C80.3 RIGID GALVANIZED STEEL (RGS): ANSI C80.1 LIQUID TIGHT FLEXIBLE METALLIC CONDUIT (LFMC): UL 360 PVC 40.
 - UNDERGROUND CONDUIT AND FITTINGS: SCHEDULE 80 RIGID PVC CONDUIT, UL 651.
 - FITTINGS FOR METALLIC CONDUIT: COMPLY WITH NEMA FB 1 AND UL 514B.
 - OUTLET AND DEVICE BOXES: UL 514A. UL LISTED AND LABELED SHEET METAL BOXES.
 - PULL AND JUNCTION BOXES: UL 514A. SMALL SHEET METAL BOXES.
- PANELBOARDS:
 - PROVIDE CIRCUIT BREAKERS COMPATIBLE WITH EXISTING PANELBOARDS.
 - UPDATE PANELBOARD DIRECTORIES.
- WIRING DEVICES:
 - GENERAL PURPOSE WIRING DEVICES: COMPLY WITH NEMA WD1.
 - COLOR: COORDINATE WITH ARCHITECTURAL
 - RECEPTACLES: UL 498, HEAVY DUTY GRADE EXCEPT AS INDICATED OTHERWISE. WEATHER RESISTANT (WR) RATED WHERE LOCATED OUTDOORS.
 - WP COVERS: WP WHILE IN-USE RATED.
- COMMUNICATIONS CABLE: CAT6
 - ENVIRONMENTAL SUITABILITY: INDOOR/OUTDOOR, WATER EXPOSURE/BELOW-GRADE CONDUIT, INDOOR, OUTDOOR, SUNLIGHT RESISTANCE.
 - FLAMMABILITY: NFPA 262, UL 910 (PLENUM), FT6.
 - NEC/UL COMPLIANCE: ARTICLE 800, CMP/CMX.
 - ICEA COMPLIANCE: S-116-732.
 - IEEE COMPLIANCE: IEEE 802.3bt TYPE 1, TYPE 2, TYPE 3, TYPE 4.
 - NEMA COMPLIANCE: ANSI/NEMA WC-66.
 - TIA/EIA COMPLIANCE: ANSI/TIA-568.2-D CATEGORY 6.
- LIGHT FIXTURES:
 - REFER TO LIGHTING FIXTURE SCHEDULE
- LIGHTING CONTROLS
 - PROVIDE CONTROLLER. BASIS OF DESIGN: INTERMATIC ET8015C.

PART 3 - EXECUTION

- PREPARATION: VERIFY EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO OWNER AND ARCHITECT. PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE OWNER AND ARCHITECT.
- WIRING DEVICES:
 - INSTALL DEVICES AND ASSEMBLIES PLUMB AND SECURE.
 - MOUNT DEVICES FLUSH, WITH LONG DIMENSION VERTICAL, AND GROUNDING TERMINAL OF RECEPTACLES ON TOP. GROUP ADJACENT SWITCHES UNDER SINGLE, MULTI-GANG WALL PLATES.
 - PROTECT DEVICES AND ASSEMBLIES DURING PAINTING.
- WIRING METHODS:
 - INSTALL WIRES AND CABLES ACCORDING TO THE NECA'S "STANDARD OF INSTALLATION."
 - WIRING AT OUTLETS: INSTALL WITH AT LEAST 6 INCHES OF SLACK CONDUCTOR AT EACH OUTLET.
 - INDOORS WIRING METHODS: AS FOLLOWS:
 - EXPOSED: TYPE THHN/THWN-2, SINGLE CONDUCTORS IN RACEWAY, EMT.
 - CONCEALED: MC CABLE.
 - BOXES AND ENCLOSURES: NEMA 250, TYPE 1, EXCEPT IN DAMP OR WET LOCATIONS USE NEMA 250, TYPE 3R.
 - INSTALL RACEWAYS, BOXES, ENCLOSURES, AND CABINETS AS INDICATED, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - CONCEAL WIRING, CONDUIT AND ELECTRICAL METALLIC TUBING, UNLESS OTHERWISE INDICATED, WITHIN FINISHED WALLS, CEILINGS AND FLOORS
 - USE RACEWAY FITTINGS COMPATIBLE WITH RACEWAY AND SUITABLE FOR USE AND LOCATION.
 - INSTALL EXPOSED RACEWAYS PARALLEL TO OR AT RIGHT ANGLES TO NEARBY SURFACES OR STRUCTURAL MEMBERS, AND FOLLOW THE SURFACE CONTOURS AS MUCH AS PRACTICAL.
 - JOIN RACEWAYS WITH FITTINGS DESIGNED AND APPROVED FOR THE PURPOSE AND MAKE JOINTS TIGHT. USE BONDING BUSHINGS OR WEDGES AT CONNECTIONS SUBJECT TO VIBRATION. USE BONDING JUMPERS WHERE JOINTS CANNOT BE MADE TIGHT. USE INSULATING BUSHINGS TO PROTECT CONDUCTORS.
 - INSTALL PULL WIRES IN EMPTY RACEWAYS. USE NO 14 AWG ZINC-COATED STEEL OR MONOFILAMENT PLASTIC LINE HAVING NOT LESS THAN 200-LB TENSILE STRENGTH. LEAVE NOT LESS THAN 12 INCHES OF SLACK AT EACH END OF THE PULL WIRE.
 - PROVIDE A SEPARATE GREEN GROUND CONDUCTOR IN RACEWAY FROM THE PANELBOARD SUPPLYING THE RACEWAY TO RECEPTACLE OR EQUIPMENT GROUND TERMINALS.
 - OUTDOOR WIRING METHODS:
 - UNDERGROUND: SCHEDULE 80 RIGID PVC. INSTALL MANUFACTURED RIGID GALVANIZED STEEL CONDUIT ELBOWS FOR STUB-UPS. PROVIDE ADAPTORS FOR THIS PURPOSE. REFER TO CONDUIT TRENCH DETAIL 4/L-504.
 - EXPOSED: TYPE THWN-2, SINGLE CONDUCTORS IN RIGID GALVANIZED STEEL.
 - CONCEALED ABOVE GROUND: TYPE THWN-2 SINGLE CONDUCTORS IN RIGID GALVANIZED STEEL, OR MC CABLE WITH PVC JACKET OVER ARMOR, LISTED FOR USE IN WET LOCATIONS.
 - BOXES AND ENCLOSURES: NEMA 250, TYPE 3R.
 - INSTALL RACEWAYS, BOXES, ENCLOSURES, AND CABINETS AS INDICATED, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - INSTALL EXPOSED RACEWAYS PARALLEL TO OR AT RIGHT ANGLES TO EACH OTHER AND NEARBY SURFACES; FOLLOW SURFACE CONTOURS.
 - PROVIDE COLOR CODING AS FOLLOWS:

208/120 VOLTS: PHASE A - BLACK
 PHASE B - RED
 PHASE C - BLUE
 NEUTRAL - WHITE
 GROUND - GREEN
 - SECURE AND SUPPORT CABLES AT INTERVALS NOT EXCEEDING 30 INCHES AND NOT MORE THAN 6 INCHES FROM BOXES, FITTINGS, OUTLETS, RACKS, FRAMES AND TERMINALS.

ELECTRICAL SYMBOLS

NOTE: LOWER CASE SUBSCRIPTS INDICATE WHICH SWITCH CONTROLS WHICH FIXTURE/RECEPTACLE

LIGHTING

	120/277V, 20A LIGHT SWITCH, SPECIFICATION GRADE
	DOUBLE POLE TOGGLE SWITCH, HARD USE, WEATHERPROOF
	SURFACE MOUNTED LED FIXTURE
	POLE MOUNTED FIXTURE

RECEPTACLES

	DUPLEX RECEPTACLE, 120V, 20A, SPECIFICATION GRADE, NEMA 5-20 R
	DUPLEX RECEPTACLE, 120V, 20A SPECIFICATION GRADE, NEMA 5-20 R SUBSCRIPT "G" INDICATES GROUND FAULT CIRCUIT INTERRUPTER, WP INDICATES WEATHERPROOF WHILE-IN-USE COVER AND GROUND FAULT CIRCUIT INTERRUPTER

GENERAL

A-1 BRANCH CIRCUIT HOMERUN, A-1 INDICATES PANEL DESIGNATION AND CIRCUIT NUMBER

EXISTING PANELBOARD

JUNCTION BOX

LINE TYPE LEGEND

	REMOVE EXISTING ITEMS
	EXIST ITEMS TO REMAIN
	PROVIDE ITEMS

WIRE SIZE	HOMERUNS (20A CIRCUIT) MAXIMUM DISTANCE IN FEET	
	120V/1PH	208V/1PH
#12	60'	110'
#10	100'	170'
#8	150'	270'
#6	240'	420'

ELECTRICAL GENERAL NOTES

- ELECTRICAL INSTALLATION MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NFPA, AND STATE AND LOCAL CODES.
- WORK MUST BE COORDINATED WITH ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL TRADES.
- ELECTRICAL EQUIPMENT AND WIRING MUST BE NEW AND UL LISTED UNLESS OTHERWISE NOTED.
- LIGHT FIXTURES AND OTHER STRUCTURE MOUNTED ELECTRICAL EQUIPMENT MUST BE COORDINATED WITH PAVILLION MANUFACTURER.
- A SEPARATE GREEN GROUNDING CONDUCTOR MUST BE PROVIDED FOR EACH INDIVIDUAL CIRCUIT. METAL CONDUIT MUST BE GROUNDED BUT MUST NOT BE USED AS THE EQUIPMENT GROUNDING CONDUCTOR.
- VERIFY EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE OWNER'S REPRESENTATIVE.
- CONDUCTORS MUST BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE.
- CONDUIT MUST BE MINIMUM 3/4" UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE INDICATED, WIRE AND CONDUIT SIZE FOR EACH 20A 1P BRANCH CIRCUIT MUST BE 2 #12 + #12G, IN 3/4".
- A SEPARATE NEUTRAL CONDUCTOR MUST BE PROVIDED FOR EACH INDIVIDUAL 120V CIRCUIT.
- SEAL CONDUIT INTERIOR OF SPARE AND ACTIVE CONDUITS TO PROHIBIT PASSAGE OF MOISTURE. PROVIDE SEALANT PRODUCT INTENDED FOR SUCH USE. PROVIDE AT CONDUITS PENETRATING FLOORS AND EXTERIOR WALLS AND AT GENERATOR ENCLOSURE. BASIS OF DESIGN: AMERICAN POLYWATER FST.
- PROVIDE FIRE STOPPING FOR PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS, FLOORS, AND ROOF. COORDINATE WITH THE FIRE PROTECTION TRADE.

ELECTRICAL ABBREVIATIONS

A, AMP	AMPERE	MLO	MAIN LUG ONLY
AC	ALTERNATING CURRENT	NEC	NATIONAL ELECTRICAL CODE
AFF	ABOVE FINISHED FLOOR	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AFG	ABOVE FINISHED GRADE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
AIC	AMPERE INTERRUPTING CAPACITY	NO, #	NUMBER
AWG	AMERICAN WIRE GAUGE	OCC	OCCUPANCY
BKR	BREAKER	Ø	PHASE
C	CONDUCTOR, CONDUIT	P	POLE
CB	CIRCUIT BREAKER	P/O	PART OF
CCTV	CLOSED CIRCUIT TELEVISION	POE	POWER OVER ETHERNET
CKT	CIRCUIT	R	RECEPTACLE LOAD TYPE FOR PANEL SCHEDULE
CU	COPPER	REC	RECEPTACLE
DWG	DRAWING	RGS	RIGID GALVANIZED STEEL
EMT	ELECTRICAL METALLIC TUBING	RM	ROOM
G	GROUND; GROUND FAULT CIRCUIT INTERRUPTER	RMC	RIGID METAL CONDUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SW	SWITCH
H	HEATING LOAD TYPE FOR PANEL SCHEDULE	THHN	HEAT RESISTANT THERMOPLASTIC WIRE WITH NYLON JACKET
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	THWN	MOISTURE & HEAT RESISTANT THERMOPLASTIC WIRE WITH NYLON JACKET
KVA	KILO-VOLT-AMPERE	TYP	TYPICAL
KW	KILO-WATT	UE	UNDERGROUND ELECTRIC
L	LIGHTING LOAD TYPE FOR PANEL SCHEDULE	V	VOLT
LC	LIGHTING CONTROL PANEL	VA	VOLT AMPERE
LED	LIGHT EMITTING DIODE	W	WATT, WIRE
LTG	LIGHTING	W/	WITH
M	MOTOR LOAD TYPE FOR PANEL SCHEDULE	WP	WEATHERPROOF
MAX	MAXIMUM		
MCB	MAIN CIRCUIT BREAKER		
MIN	MINIMUM		

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	SOURCE (LUMENS)	VOLTS	WVA	MOUNTING	NOTES	MANUFACTURER	CATALOG NUMBER
A1	POLE MOUNT FORWARD THROW	LED (2086)	UNV	21	POLE	2,3	NLS LIGHTING	CAL-S-TP1-S7-T4FTW-16L-40-30K8-UNV-AM-XXX-BABA
A2	POLE MOUNT TYPE 2	LED (2281)	UNV	21	POLE	2,3	NLS LIGHTING	CAL-S-TP1-S7-T2-16L-40-30K8-UNV-AM-XXX-BABA
A3	POLE MOUNT TYPE 3	LED (2249)	UNV	21	POLE	2,3	NLS LIGHTING	CAL-S-TP1-S7-T3-16L-40-30K8-UNV-AM-XXX-BABA
B	GASKETED LINEAR	LED (3623)	UNV	32.9	SURFACE	1	LITHONIA	VAP-4000LM-FST-WD-MVOLT-GZ10-30K-80CRI-BAA

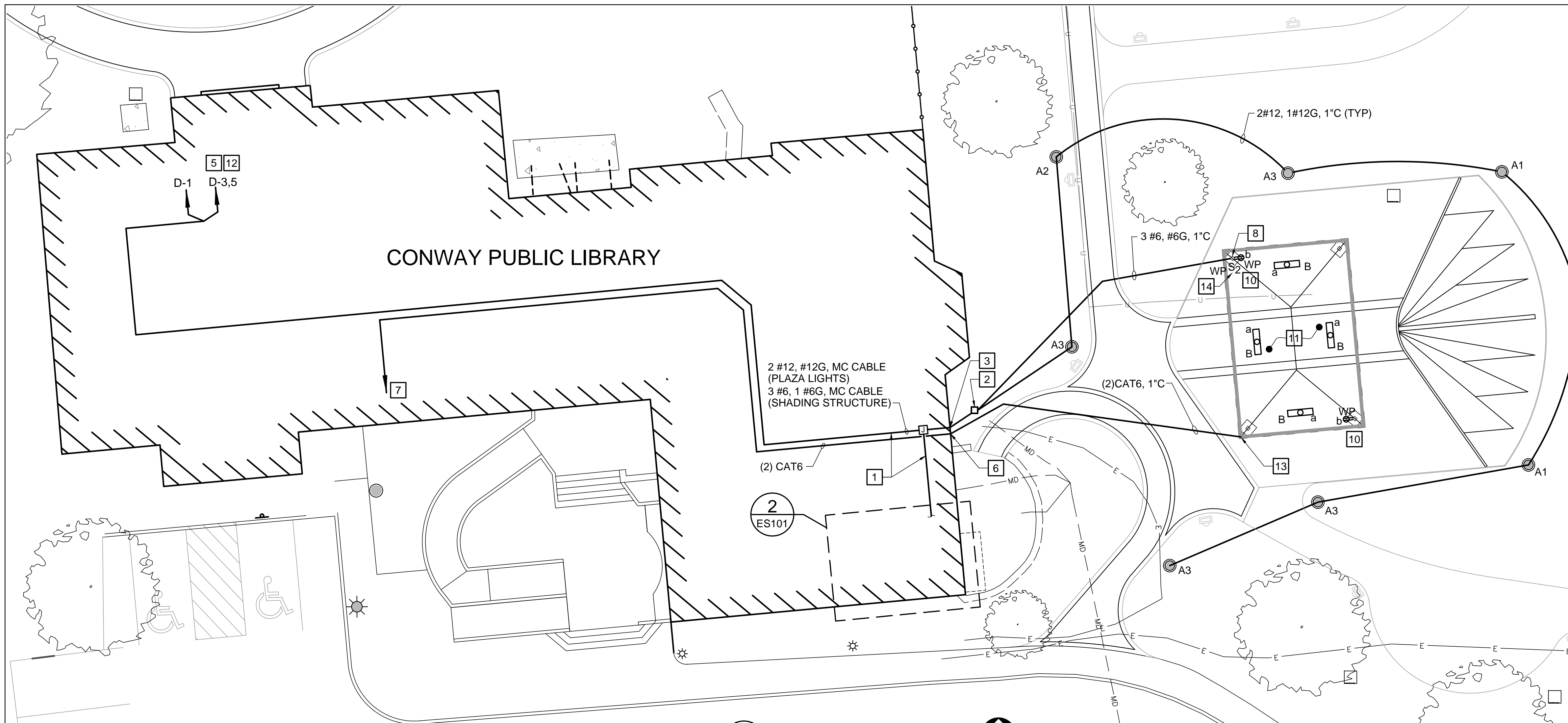
FIXTURE SCHEDULE NOTES:

- COORDINATE MOUNTING WITH SITE WORK TRADE.
- MOUNT AT 12 FEET AFG TO BOTTOM OF FIXTURE.
- FIXTURE CONTROLLED BY ASTRONOMIC TIMER.

BASIS OF DESIGN NOTE:

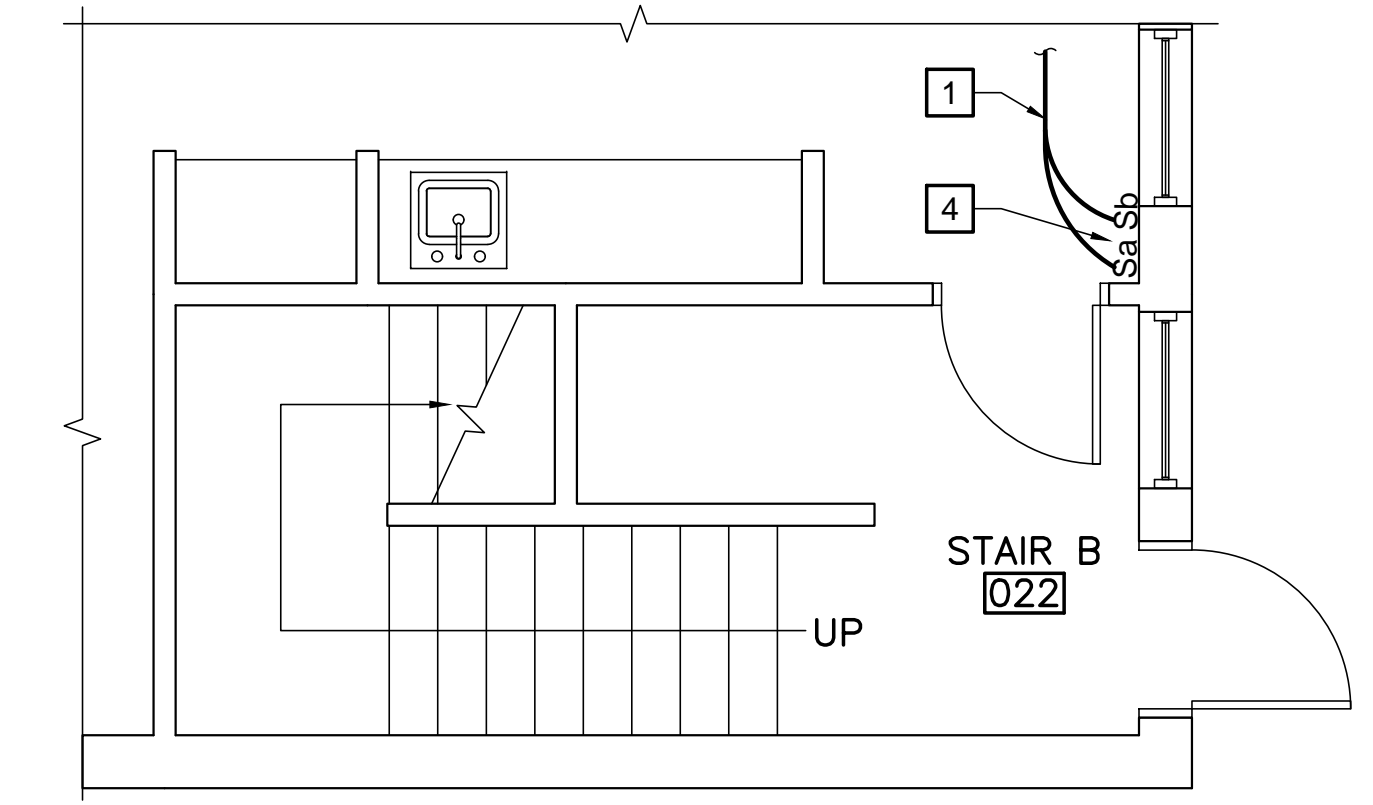
FIXTURE MANUFACTURER AND CATALOG NUMBERS ARE LISTED TO ESTABLISH QUALITY, PERFORMANCE, AND AESTHETICS. OTHER MANUFACTURERS ARE ACCEPTABLE IF THE PROPOSED LIGHT FIXTURES MEET THE SPECIFIED REQUIREMENTS INCLUDING COMPLIANCE WITH THE BUILD AMERICA BUY AMERICA ACT (BABAA).

NO.	DATE	DESCRIPTION	BY
REVISIONS			



1 ELECTRICAL SITE PLAN
ES101 SCALE: 1"=10'

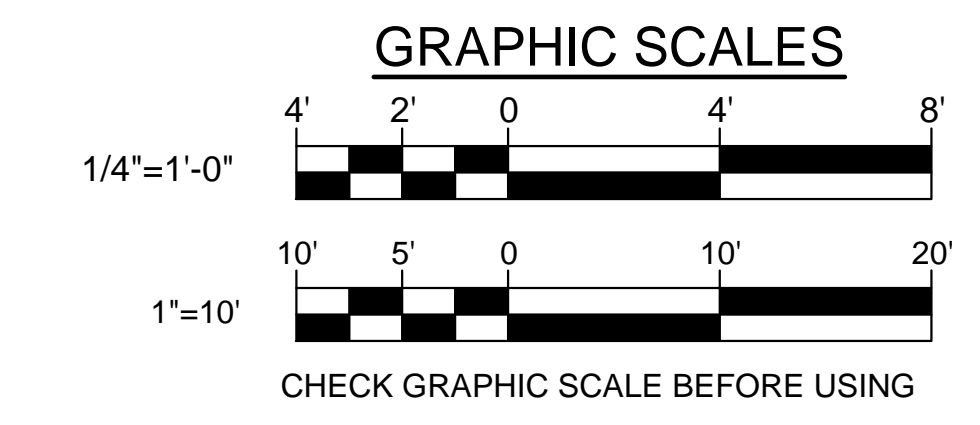
PANEL CATALOG: SIEMENS P1C42ML250CTS PANELBOARD SCHEDULE PANEL D (EXISTING PANELBOARD)															
CKT NO	AMPS PER PHASE			DESCRIPTION	LOAD TYPE	CKT BKR		LOAD		DESCRIPTION	AMPS PER PHASE			CKT NO	
	A	B	C			TRIP	POLE	TRIP	POLE		A	B	C		
1	1.2			LTG - PLAZA	L	20	1	20	1	-				2	
3		1.1		LTG - SHADING STRUCTURE	L	20	2	20	2	-				4	
5			3	REC - SHADING STRUCTURE	R									6	
7				-	-	20	1	20	1	-				8	
9				LIGHTING - ADULT READING, STAIRS	-	20	1	20	1	-				10	
11				LIGHTING CONTROL PANEL	-	20	1	20	1	-				12	
13				LIGHTING - ADULT AREA, STAIRS	-	20	1	20	1	-				14	
15				LIGHTING - ADULT AREA	-	20	1	20	1	-				16	
17				LIGHTING - ADULT AREA	-	20	1	20	1	-				18	
19				LIGHTING - ADULT AREA	-	20	1	20	1	-				20	
21				BOLLARD & POLE LIGHTS	-	20	1	20	1	-				22	
23				LIGHTING - REFERENCE	-	20	1	20	1	-				24	
25				LIGHTING - GREAT ROOM	-	20	1	20	1	-				26	
27				LIGHTING - GREAT RM & COMPUTERS	-	20	1	20	1	-				28	
29				GREAT ROOM OUTLETS	-	20	1	20	1	-				30	
31				REFERENCE OUTLETS	-	20	1	20	1	-				32	
33				ADULT READING/GREATROOM OUTLETS	-	20	1	20	1	-				34	
35				COPIER OUTLET	-	20	1	20	1	-				36	
37				MAIN ENTRY OUTLET	-	20	1	20	1	-				38	
39				DIRECTORS OFFICE OUTLET	-	20	1	20	1	-				40	
41				ADULT AREA OUTLETS	-	20	1	20	1	-				42	
TOTAL/PHASE				VOLTS: 120/208, 3 PHASE, 4 WIRE				DESIGNATION: PANEL D							
				MCB: <input type="checkbox"/>				MCB AMPS: .				LOCATION: JAN. 103			
				MLO: <input checked="" type="checkbox"/>				BUS AMPS: 250A				MOUNTING: SURFACE			
				FAULT AMPS: 10,000A											



2 SWITCH LOCATION DETAIL
ES101 SCALE: 1/4"=1'-0"

- KEYNOTES:**
- 1 PROVIDE MC CABLE ABOVE SAT CEILING. SUGGESTED PATH IS SHOWN. CONTRACTOR MAY ADJUST AS NEEDED.
 - 2 PROVIDE HANDHOLE TO COMBINE ALL CONDUCTORS INTO SINGLE CONDUIT TO BUILDING.
 - 3 PROVIDE UNDERGROUND CONDUIT TO BUILDING. CONDUIT MUST RISE UP BUILDING EXTERIOR AND ENTER BUILDING ABOVE CONCRETE THROUGH BRICK VENEER UTILIZING A CONDUIT LB. PROVIDE RECESSED BOX AND BLANK FACEPLATE WITH ACCESS FROM INSIDE BUILDING. PROVIDE MC CABLE CONCEALED IN WALL CAVITY TO ABOVE SAT CEILING.
 - 4 PROVIDE RECESSED DOUBLE GANG SWITCH BOX AT 48" AFF. PROVIDE MC CABLE CONCEALED IN WALL CAVITY TO ABOVE SAT CEILING. PROVIDE ONE SWITCH FOR LIGHTS AND ONE SWITCH FOR RECEPTACLES.
 - 5 PANEL D LOCATED ON FLOOR ABOVE.
 - 6 PROVIDE UNDERGROUND CONDUIT TO BUILDING. CONDUIT MUST RISE UP BUILDING EXTERIOR AND ENTER BUILDING ABOVE CONCRETE THROUGH BRICK VENEER UTILIZING A CONDUIT LB. PROVIDE RECESSED BOX AND BLANK FACEPLATE WITH ACCESS FROM INSIDE BUILDING. PROVIDE CAT6 CABLE CONCEALED IN WALL CAVITY TO ABOVE SAT CEILING.
 - 7 PROVIDE CONCEALED PATHWAY ABOVE CEILING TO MECHANICAL ROOM ADJACENT TO ELEVATOR. COIL 5' OF CABLE NEXT TO EXISTING TELECOMMUNICATIONS EQUIPMENT. SUGGESTED PATH IS SHOWN. CONTRACTOR MAY ADJUST AS NEEDED.
 - 8 CONDUIT TO RISE UP WITHIN PAVILION STEEL STRUCTURE FROM UNDERGROUND. PROVIDE CUTOUT FOR JUNCTION BOX AT TOP OF COLUMN FOR LIGHT FIXTURE CONDUCTORS. CONDUCTORS MUST BE CONCEALED IN PAVILION STRUCTURE. COORDINATE WITH PAVILION MANUFACTURER.
 - 9 PROVIDE CIRCUIT BREAKER IN EXISTING PANELBOARD.
 - 10 PROVIDE CUTOUTS FOR RECEPTACLES IN PAVILION COLUMNS AT 24" ABOVE CONCRETE TO BOTTOM OF CUTOUTS. PROVIDE WEATHERPROOF COVERS WITH LOCKING CAPABILITY. PROVIDE MC CABLE AND CONNECT RECEPTACLE IN SOUTH EAST CORNER OF PAVILION WITH CABLE CONCEALED WITHIN PAVILION STRUCTURE. COORDINATE WITH PAVILION MANUFACTURER.
 - 11 MOUNT LIGHT FIXTURES TO PAVILION STRUCTURAL STEEL. CABLES MUST BE CONCEALED. PROVIDE CUTOUTS AS REQUIRED FOR FIXTURE INSTALLATION. COORDINATE WITH PAVILION MANUFACTURER.
 - 12 PROVIDE INTERMATIC ET8015C LIGHTING CONTROLLER FOR POLE-MOUNTED FIXTURES. LOCATE CONTROLLER ADJACENT TO PANELBOARD D. INSTALL IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
 - 13 CONDUIT TO RISE UP WITHIN PAVILION STEEL STRUCTURE FROM UNDERGROUND. PROVIDE CUTOUT FOR JUNCTION BOX AT TOP OF COLUMN FOR FUTURE WIRELESS ACCESS POINT. CABLE MUST BE CONCEALED IN PAVILION STRUCTURE. COORDINATE WITH PAVILION MANUFACTURER.
 - 14 PROVIDE WEATHERPROOF HARD-USE DOUBLE POLE TOGGLE SWITCH TO DISCONNECT MULTIWIRED BRANCH CIRCUIT FEEDING SHADING STRUCTURE. COMPLY WITH NEC 225.36.
 - 15 PROVIDE MULTIWIRED BRANCH CIRCUIT TO SHADE STRUCTURE. COMPLY WITH NEC 210.4 AND 300.13(B)

- GENERAL NOTES:**
1. PAVILION SHADE STRUCTURE REQUIRES MODIFICATIONS TO ACCOMMODATE ELECTRICAL WORK. ALL NECESSARY CUTOUTS MUST BE COORDINATED WITH MANUFACTURER BEFORE ORDERING.
 2. CONDUCTORS ARE SIZED FOR VOLTAGE DROP.



NO.	DATE	DESCRIPTION	BY

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STATE OF NEW HAMPSHIRE
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 PROFESSIONAL ENGINEER
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ELECTRICAL SITE PLAN AND DETAILS

SCALE: AS NOTED
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 SHEET: 16 OF 16