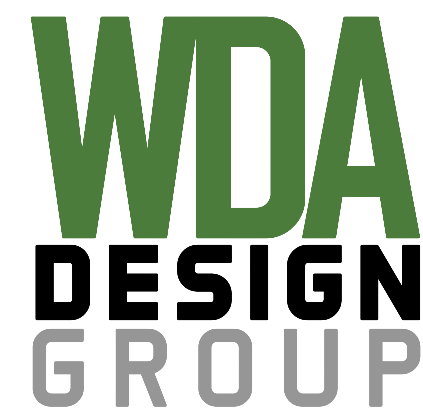


PREPARED BY:



31 EAST MAIN STREET WESTBOROUGH, MA | 508.366.6552
7 CENTRAL STREET PROVIDENCE, RI | 401.274.1360
WDA-DG.COM

OWNER:

ROBERT & SARAH NEWMAN
2394 Main Poland Road
Conway, MA 01341

APPLICANT:

CONWAY SOLAR, LLC
101 Summer Street, 2nd Floor
Boston, MA 02110

SOLAR CONSULTANT:

NEXAMP, LLC
101 Summer Street, 2nd Floor
Boston, MA 02110

SITE PLANS

Pursuant to the Town of Conway Zoning Bylaws - Section 64: Site Plan Review, Section 91: Large Scale Solar Facilities Bylaw

FOR

LARGE SCALE (5.9 MW DC±) GROUND MOUNTED SOLAR PHOTOVOLTAIC INSTALLATION

2394 Main Poland Road (Assessor's Map 68 Parcel 415-015-001)

IN

Conway, Massachusetts (Franklin County)

DATE: December 19, 2018

Revision Date: March 13, 2019
April 9, 2019

SHEET LIST:

C1.00	INDEX - EXISTING CONDITIONS PLAN
C1.01 - C1.04	EXISTING CONDITIONS PLANS
C2.00	INDEX - SITE PLAN
C2.01 - C2.04	SITE PLANS
C3.01	GRADING ENLARGEMENT PLAN
C4.01 - C4.02	DETAILS

LEGEND:

DESCRIPTION	EXISTING
ACRES	AC
BITUMINOUS CONCRETE	BIT. CONC.
APPROXIMATE BOUNDARY OF BORDERING VEGETATED WETLANDS	ABBVW
BOUNDARY OF BORDERING VEGETATED WETLANDS	BBVW
BOUNDARY OF ISOLATED WETLANDS	BIW
BUILDING	
CALCULATED	(C)
CONCRETE	CONC.
CONTOUR LINE	150
CORRUGATED POLYETHYLENE PIPE	CPE
DECIDUOUS TREE	(D)
DEED	(D)
DOOR	DO
DRAIN MANHOLE/DRAIN LINE	DMH
EDGE OF PAVEMENT	EOP
FOUND	(FND.)
GUY WIRE	GW
INVERT	INV.
IRON PIPE	IP
IRON ROD	IR
NOT TO SCALE	N.T.S.
NOW OR FORMERLY	N/F
PLUS OR MINUS	±
RIVERFRONT AREA	200' RFA
SPOT ELEVATION	X 150.25
SQUARE FEET	S.F.
STEEL GUARDRAIL	SGR
STONE RETAINING WALL	SRW
STONE WALL	STW
TREELINE	
UTILITY POLE	UP
WATER	FLOW
WETLANDS	
WETLANDS 100' BUFFER ZONE	100' BZ

OWNER(S) OF RECORD:
ROBERT AND SARAH NEWMAN
2394 MAIN POLAND ROAD
CONWAY, MASSACHUSETTS 01341

ASSESSORS MAP REFERENCE(S):
MAP 068 PARCEL 415-015-001

DEED REFERENCE(S):
DEED BOOK 03639 PAGE 247

PLAN REFERENCE(S):

PLAN BOOK 57 PAGE 53
PLAN BOOK 63 PAGE 79
PLAN BOOK 71 PAGE 63
PLAN BOOK 103 PAGE 96
PLAN BOOK 114 PAGE 17

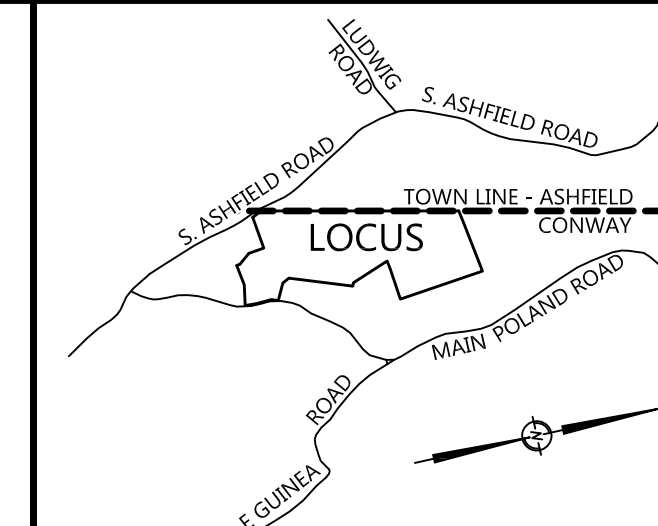
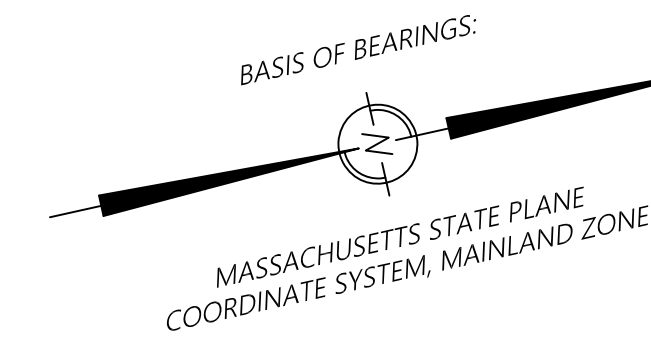
ZONING CLASSIFICATION(S):

(RR/A) RURAL RESIDENTIAL / AGRICULTURE
MINIMUM LOT AREA: 43,560 S.F. (1 ACRE)
MINIMUM LOT FRONTAGE: 200 FEET
MINIMUM FRONT YARD: 50 FEET
MINIMUM SIDE YARD: 50 FEET
MINIMUM REAR YARD: 50 FEET

*REQUIRED SETBACKS PER ARTICLE 9, SECTION 91 (h)

NOTES:

- EXISTING CONDITIONS INFORMATION IS BASED ON AN AERIAL TOPOGRAPHIC SURVEY BY COL-EAST INTERNATIONAL, LTD IN MAY, 2018. SUPPLEMENTAL BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM AN ON THE GROUND FIELD SURVEY BY WDA DESIGN GROUP PERFORMED BETWEEN MARCH, 2018 - JUNE, 2018. ELEVATIONS ARE BASED ON NAVD 1988. COORDINATE SYSTEM IS BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE.
- WETLAND BOUNDARIES WERE DETERMINED IN THE FIELD BASED ON ANALYSIS OF SOIL, VEGETATION AND HYDROLOGY. WETLAND FLAGS/LIMITS DELINEATED IN THE FIELD BY WDA DESIGN GROUP IN APRIL, 2018 AND SURVEY LOCATED BY WDA DESIGN GROUP IN MAY, 2018.
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND ARE APPROXIMATE AND ASSUMED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES PRESENT AT THE SITE THAT ARE NOT DEPICTED HEREON. BEFORE COMMENCING SITE WORK, CONTRACTOR SHALL CALL "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY DEPARTMENTS / COMPANIES OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. ANY COSTS RELATED TO THE REPAIR OF UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE PERFORMED UNTIL ALL UTILITY COMPANIES HAVE BEEN NOTIFIED.
- NO PORTION OF THE LOCUS PARCEL CONTAINS ZONE A (AREAS OF 100-YEAR FLOOD) AS COMPILED FROM NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 25014 0010 B, FRANKLIN COUNTY, EFFECTIVE JUNE 4, 1980.



LOCUS MAP
N.T.S.

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D	3/13/19	PEER REVIEW COMMENTS	
C	12/19/18	SITE PLAN & NOI	
B	9/25/18	TOWN/PEER REVIEW COMMENTS	
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Conway, MA 01341

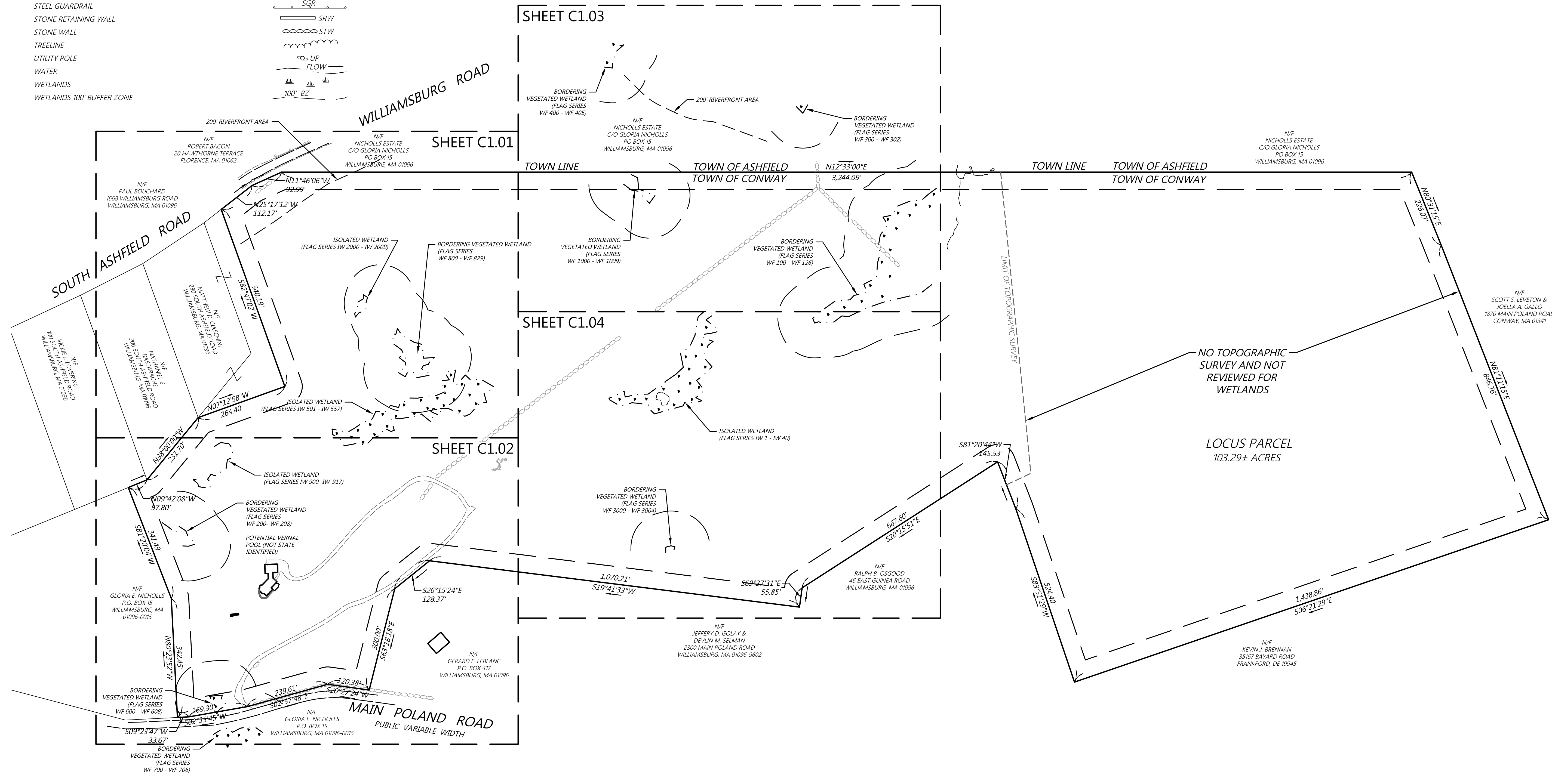
APPLICANT:
CONWAY SOLAR LLC
101 Summer Street
2nd Floor
Boston, MA 02110

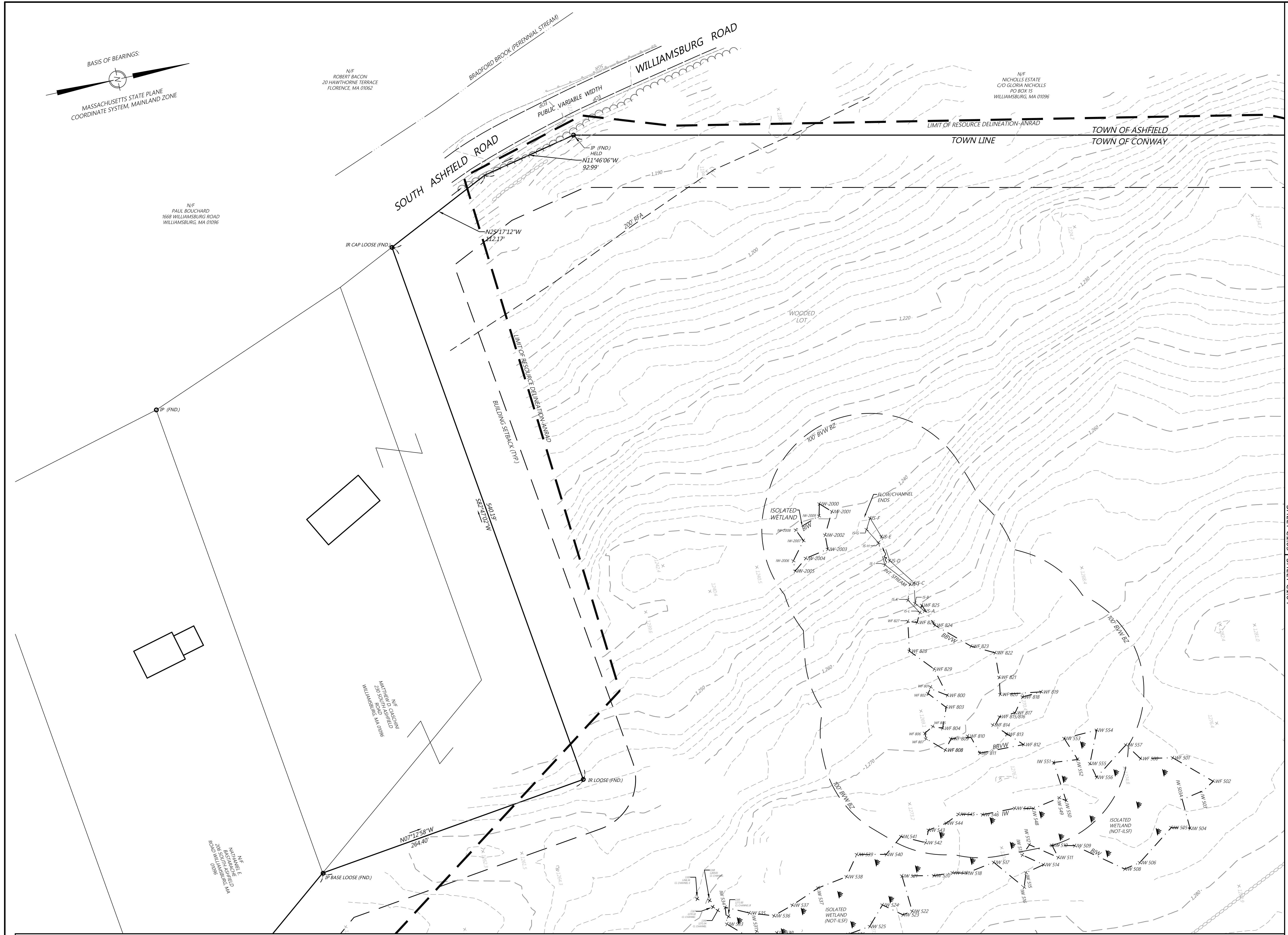
TITLE:
INDEX - EXISTING CONDITIONS PLAN
2394 MAIN POLAND ROAD
Conway, MA (Franklin County)

LOCAL PERMITTING

SCALE: 1" = 150'

JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	GBS/ECV	SHEET:	C1.00
CHK'D. BY:	SPC		





BASIS OF BEARINGS:
 MASSACHUSETTS STATE PLANE
 COORDINATE SYSTEM, MAINLAND ZONE

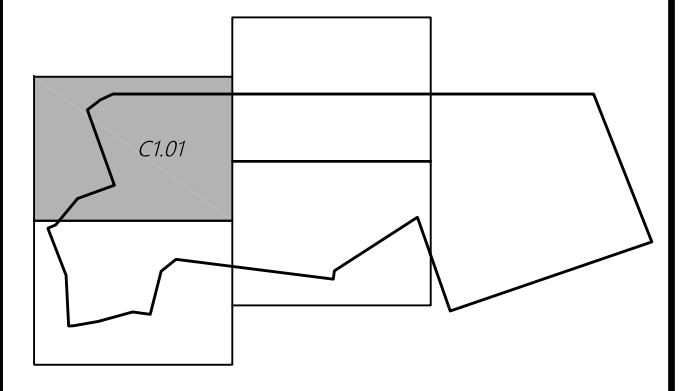
N/F
 ROBERT BACON
 20 HAWTHORNE TERRACE
 FLORENCE, MA 01062

N/F
 NICHOLLS ESTATE
 C/O GLORIA NICHOLLS
 PO BOX 15
 WILLIAMSBURG, MA 01096

N/F
 PAUL BOUCHARD
 1668 WILLIAMSBURG ROAD
 WILLIAMSBURG, MA 01096

N/F GUSCINI
 MATTHEW P. GUSCINI
 298 SOUTH ROAD
 WILLIAMSBURG, MA 01096

N/F
 MATTHEW E.
 BASTIANI
 365 SCOTLAND AVENUE
 WILLIAMSBURG, MA 01096



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 2394 Main Poland Road
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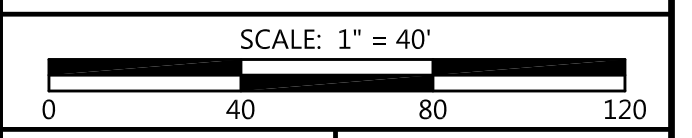
101 Summer Street
 2nd Floor
 Boston, MA 02110

TITLE:

**EXISTING CONDITIONS
 PLAN**

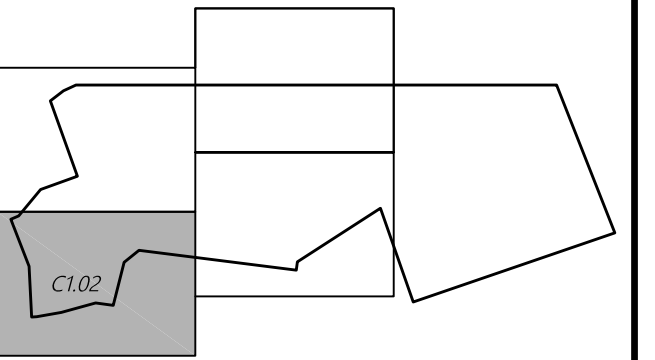
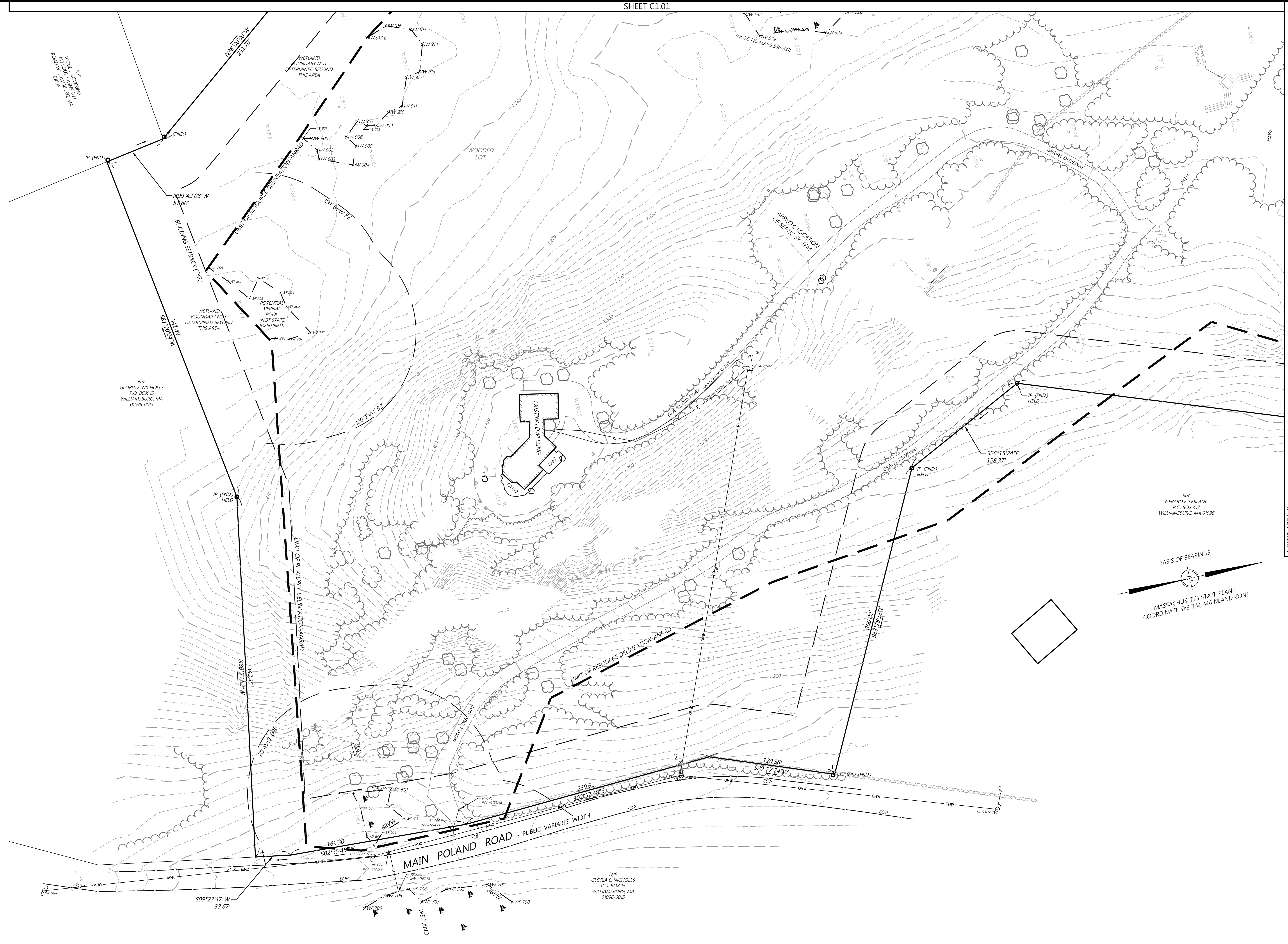
**2394 MAIN
 POLAND ROAD**
 Conway, MA
 (Franklin County)

LOCAL PERMITTING



JOB NO.: 1212.01 DATE: 07/12/18
 DWN. BY: GBS/ECV SHEET: C1.01
 CHK'D. BY: SPC

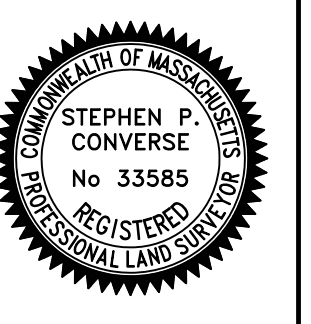
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TITLE:

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PLAN**

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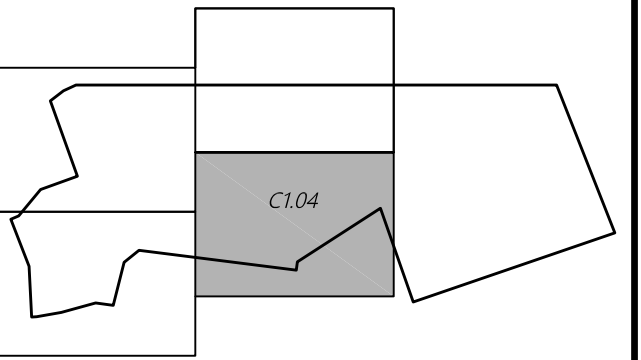
LOCAL PERMITTING

SCALE: 1" = 40'

JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	GBS/ECV	SHEET:	
CHK'D. BY:	SPC		C1.02

SHEET C1.01 SHEET C1.02

SHEET C1.03



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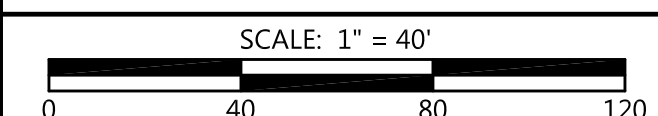
101 Summer Street
2nd Floor
Boston, MA 02110

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EXISTING CONDITIONS PLAN

2394 MAIN
POLAND ROAD
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LOCAL PERMITTING



JOB NO:	1212.01	DATE:	07/12/18
DWN. BY:	GBS/ECV	SHEET:	
CHK'D. BY:	SPC		

C1.04

N/F
JEFFERY D. GOLAY &
DEVILIN M. SELMAN
2300 MAIN POLAND ROAD
WILLIAMSBURG, MA
01096-9602

N/F
RALPH B. OSGOOD
46 EAST GUINEA ROAD
WILLIAMSBURG, MA 01096

SITE NOTES:

THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE LANDOWNER, SOLAR CONSULTANT AND ENGINEER AS REQUIRED.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS.

LIMIT OF WORK SHALL BE EROSION CONTROL BARRIERS, LIMIT OF GRADING AND SITE PROPERTY LINES AND/OR AS INDICATED ON DRAWINGS.

ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DOCUMENTS.

ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.

EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.

FOR DRAWING LEGIBILITY, ALL EXISTING TOPOGRAPHIC FEATURES, EXISTING UTILITIES, PROPERTY BOUNDARIES, EASEMENTS, ETC. MAY NOT BE SHOWN ON ALL DRAWINGS. REFER TO ALL REFERENCED DRAWINGS AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL INFORMATION.

ALL EXCAVATORS OR CONTRACTORS MUST REFER TO 520 CMR 14.00 TO OBTAIN A TRENCH PERMIT PRIOR TO ANY CONSTRUCTION RELATED TRENCHES ON SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH CONDITIONS THAT MAY BE PROMULGATED BY THE LOCAL PLANNING BOARD, CONSERVATION COMMISSION, AND MUNICIPAL AGENCIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SECURING AND COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP), AS ADMINISTERED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

LAYOUT AND MATERIALS NOTES:

ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.

CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND CONSTRUCTION PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SUCH THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.

PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.

TOTAL AREA OF RACKING AND MODULES = 21.68 ACRES

AREA OF FENCED PERIMETER = 25.24 ACRES

GRADING, DRAINAGE AND UTILITY NOTES:

UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES. ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-344-7233 AND THE OWNER TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES AND THE OWNER ARE PROPERLY NOTIFIED IN ADVANCE.

PROVIDE CRIBBING TO PROTECT UTILITY LINES CURING CONSTRUCTION AS NECESSARY.

ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS TO BE PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.

ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS OR SPECIFICATIONS FOR THE PROJECT AS SHOWN ON THE PLANS.

GRADE ALL AREAS TO DRAIN.

THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.

ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED.

INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY STANDARDS.

CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.

THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS ONLY AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE CONSERVATION COMMISSION AND WETLAND SPECIALIST.

BORDERING VEGETATED WETLANDS (STATE/LOCAL REGULATED) ARE TO REMAIN UNDISTURBED. NO ENCROACHMENT IS PERMITTED. CUTTING OF TREES ONLY IS PROPOSED IN NON-JURISDICTIONAL ISOLATED WETLANDS (NO STUMPING OR FILING IS ALLOWED OR SHALL OCCUR).

PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.

THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURBS MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.

TURF REINFORCEMENT MAT (TRM) SHALL BE ENKAMAT 7018 (OR EQUAL).

EROSION CONTROL AND SEDIMENTATION NOTES:

AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATION.

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION PERIOD.

ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.

ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.

ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE. SITE ELEMENTS TO REMAIN MUST BE PROTECTED FOR DURATION OF PROJECT.

ALL TOPSOIL ENCOUNTERED WITHIN THE LIMITS OF THE PROPOSED PERMANENT AND TEMPORARY GRAVEL ROADS, EQUIPMENT PAD AREA, AREAS OF CUT AND FILL, AND DETENTION BASIN SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE DISPOSED OF ON SITE AS DIRECTED BY OWNER. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL MATERIALS.

ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.

TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS AND ANY DENuded SURFACE WHICH WILL BE EXPOSED FOR AN EXTENDED PERIOD OF TIME SHALL BE CONSIDERED CRITICAL VEGETATION AREAS. THESE AREAS SHALL BE STABILIZED AS REQUIRED.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT.

DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM MIGRATING OUTSIDE THE LIMIT OF WORK.

ADDITIONAL EROSION CONTROL SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.

CUTTING WITHIN THE ISOLATED VEGETATED WETLAND:

WORK NEAR AND WITHIN THE ISOLATED VEGETATED WETLAND (IWW) SHALL CONFORM TO THE FOLLOWING:

1. EROSION CONTROL BARRIERS (ECB) MUST BE SET ALONG THE PERIMETER OF THE IWW AREAS TO DEMARK THE LIMIT OF WORK.
2. PRIOR TO CUTTING, BOTH AREAS WILL BE RE-FLAGGED (IF NECESSARY) BY RECORD SURVEY LOCATION PRIOR TO CUTTING OPERATIONS.
3. ALL TREE CUTTING WILL BE BY HAND METHODS WITH CHAIN SAWS. TREE SHEARERS SHALL NOT BE USED.
4. THE CONTRACTOR WILL NOT REMOVE ANY STUMPS WITHIN THE LIMITS OF THE IWW. CARE WILL BE TAKEN TO PROTECT THE EXISTING SOILS AND MICRO-TOPOGRAPHY WHILE WORKING IN THE IWW WITH THE USE OF PLANKING OR MATS.
5. THE CONTRACTOR WILL REMOVE ALL DEBRIS GENERATED FROM CUTTING PRACTICES FROM THE IWW WITH MINIMAL DISTURBANCE TO EXISTING VEGETATION TO REMAIN. FELLED TRUNKS SHALL BE REMOVED WITH CABLES, EITHER WINCHED OR LIFTED FROM THE IWW AREAS. NO MECHANIZED EQUIPMENT MAY ENTER THE IWW AREAS. TRUNKS MAY NOT BE LEFT IN THE AREAS PER THE FIRE DEPARTMENT. NO CHIPPING OF STUMPS, TRUNKS OR SLASH SHALL BE DEPOSITED IN THE IWW AREAS.

PLANTING NOTES:

LOAM AND SEED ALL DISTURBED AREAS INCLUDING LAYDOWN AREAS, USING THE FOLLOWING SEED MIX (EXCLUDING AREAS DESIGNATED TO BE SEEDED WITH "POLLINATOR MIX":

ERNST SOLAR FARM SEED MIX:
 35% FESTUCA RUBRA (CREEPING RED FESCUE)
 35% FESTUCA RUBRA SSP. COMMUTATA (CHEWINGS FESCUE)
 10% FESTUCA BREVIPIA 'BEACON' (HARD FESCUE, 'BEACON')
 10% FESTUCA OVINA VAR. DURUSCULA (F. LONGIFOLIA), 'JETTY' (HARD FESCUE, 'JETTY')
 5% POA PRATENSIS, 'CORSAIR' (KENTUCKY BLUEGRASS, 'CORSAIR')
 5% POA PRATENSIS, 'SHAMROCK' (KENTUCKY BLUEGRASS, 'SHAMROCK')

AREAS DESIGNATED TO BE PLANTED WITH POLLINATOR SEED MIX SHALL USE "NORTH STAR SOLAR POLLINATOR SEED MIX" AS PRODUCED BY MINNESOTA NATIVE LANDSCAPES, INC. PHONE 763-295-0010, OR APPROVED SUBSTITUTION.

ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.

ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE.

TOPSOIL, STRIPPED FROM THE SITE AND PROPERLY STOCKPILED PRIOR TO APPLICATION MAY, UPON APPROVAL OF THE ENGINEER, BE USED FOR PREPARATION OF LAWNS AND PLANTING BEDS. IT SHOULD BE FREE OF LARGE (ONE (1) INCH OR GREATER) COBBLES, ROOTS, OLD SOD, TRASH, WOOD OR OTHER CONTAMINANTS AND BE OF A FRABLE CONSISTENCY AND SUITABLE FOR PLANT GROWTH.

TOPSOIL SHALL BE SPREAD TO A MINIMUM DEPTH OF FOUR (4) INCHES AFTER SETTING ON ALL STRIPPED PLANTED AREAS INCLUDING PLANTING BEDS AFTER FILLS ARE PROPERLY SETTLED AND SUBGRADE HAS BEEN APPROVED BY THE OWNER. THE SETTLED TOPSOIL SHALL BE UP TO THE FINISHED GRADE AS CALLED FOR ON THE DRAWINGS.

REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE AND GRADE TO AN EVEN SURFACE.

PLANTING SEED SHALL BE SOWN IN SEASONAL CONDITIONS AS APPROPRIATE FOR GOOD SEED SURVIVAL, OR AT SUCH TIMES AS APPROVED BY THE OWNER.

WATER MULCH AND SEED BED THOROUGHLY AND IMMEDIATELY AFTER COMPLETION OF MULCHING. SOIL SHALL BE MOISTENED TO A DEPTH OF FOUR (4) INCHES. LANDSCAPE CONTRACTOR SHALL INSTRUCT OWNERS REPRESENTATIVE ON APPROPRIATE WATERING PROCEDURES DURING INITIAL ESTABLISHMENT.

IF CERTAIN AREAS OF THE SEEDED AREAS DO NOT SHOW A PROMPT "CATCH", THESE AREAS SHALL BE RE-SEEDING AT THE SAME RATE AND IN THE SAME MANNER AS BEFORE IN INTERVALS OF TEN (10) DAYS, WHICH PROCESS SHALL CONTINUE UNTIL A GROWTH OF GRASS IS ESTABLISHED OVER THE ENTIRE AREA.

PROTECT NEWLY TOPSOILED, GRADED AND/OR SEEDDED AREAS FROM TRAFFIC AND EROSION. KEEP AREAS FREE OF TRASH AND DEBRIS RESULTING FROM LANDSCAPE CONTRACTOR OPERATIONS.

REPAIR AND RE-ESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS TO THE SPECIFIED GRADE AND TOLERANCES.

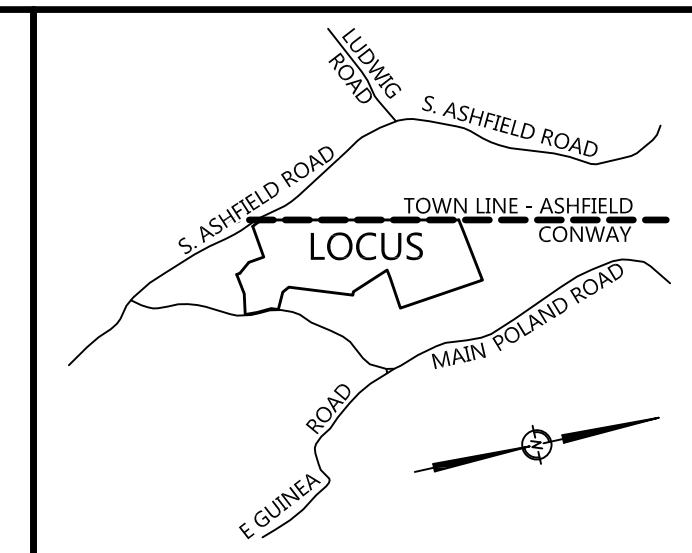
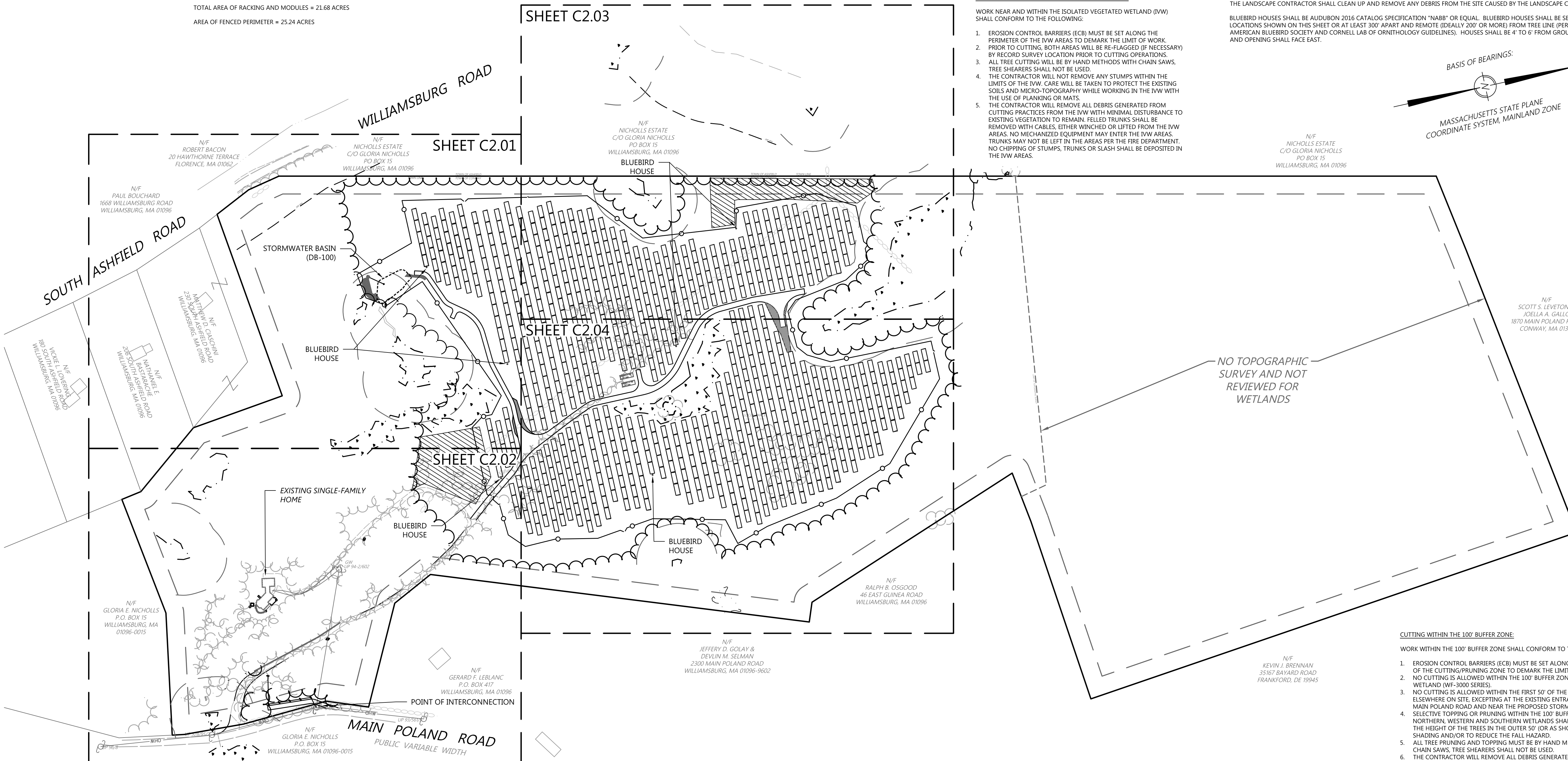
ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.

ANY PROPOSED SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITH MATERIAL EQUIVALENT TO THE DESIRED MATERIAL IN OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE. PROPOSED SUBSTITUTIONS WILL ONLY BE CONSIDERED IF SUBMITTED WITH ENUMERATED REASONS WHY SUBSTITUTIONS ARE PROPOSED.

ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.

THE LANDSCAPE CONTRACTOR SHALL CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE CAUSED BY THE LANDSCAPE CONTRACTOR.

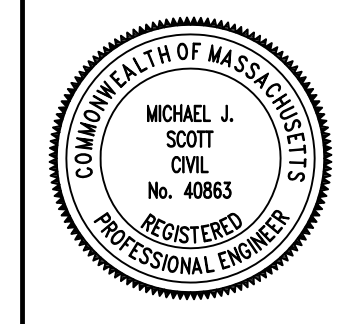
BLUEBIRD HOUSES SHALL BE AUDUBON 2016 CATALOG SPECIFICATION "MAB" OR EQUAL. BLUEBIRD HOUSES SHALL BE SET AT LOCATIONS SHOWN ON THIS SHEET OR AT LEAST 300' APART AND REMOTE (IDEALLY 200' OR MORE) FROM TREE LINE (PER NORTH AMERICAN BLUEBIRD SOCIETY AND CORNELL LAB OF ORNITHOLOGY GUIDELINES). HOUSES SHALL BE 4' TO 6' FROM GROUND SURFACE AND OPENING SHALL FACE EAST.



LOCUS MAP
N.T.S.

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D	3/13/19	PEER REVIEW COMMENTS	
C	12/19/18	SITE PLAN & NOI	
B	9/25/18	NOT ISSUED	
A		NOT ISSUED	



PREPARED BY:

WDA DESIGN GROUP

31 EAST MAIN STREET WESTBOROUGH, MA | 508.366.6552
WDA-DG.COM

OWNER:

ROBERT & SARAH NEWMAN
 2394 Main Poland Road
 Conway, MA 01341

APPLICANT:

CONWAY SOLAR LLC
 101 Summer Street
 2nd Floor
 Boston, MA 02110

TITLE:

SITE PLAN - INDEX SHEET

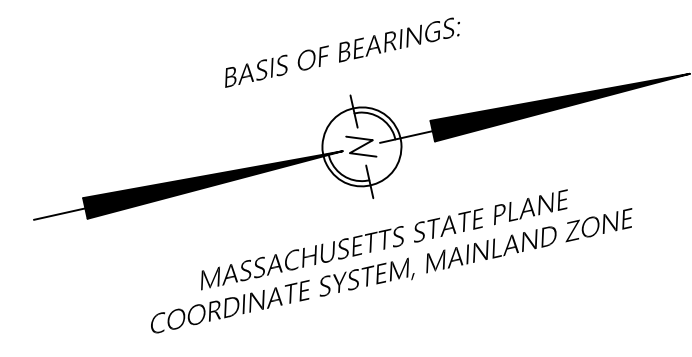
2394 MAIN POLAND ROAD
 Conway, MA
 (Franklin County)

LOCAL PERMITTING

SCALE: 1" = 150'

0 150 300 450

JOB NO.: 1212.01 DATE: 07/12/18
 DWN. BY: TBS SHEET: C2.00
 CHK'D. BY: -

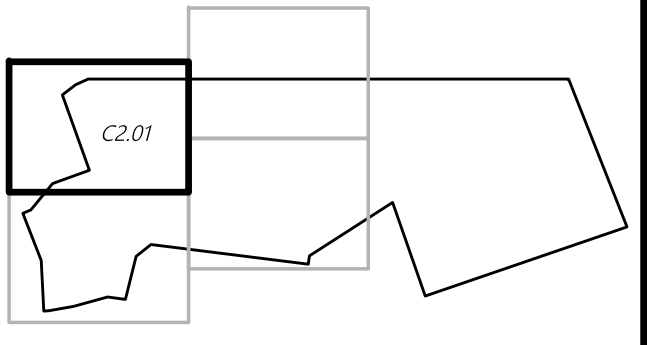


N/F
ROBERTY BACON
20 HAWTHORNE TERRACE
FLORENCE, MA 01062

N/F
PAUL BOURCHARD
1668 WILLIAMSBURG ROAD
WILLIAMSBURG, MA 01096

N/F
MATTIENNO CASSIINI
230 SOUTH ASHFIELD
ROAD, CONWAY, MA 01096

N/F
NATHANIEL E.
BOOTH HARRIS
230 WILLIAMSBURG
ROAD, CONWAY, MA 01096



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CONWAY SOLAR LLC

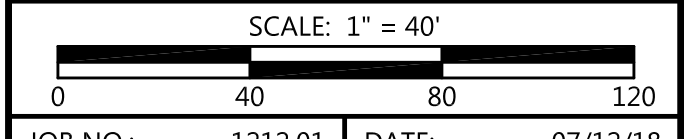
101 Summer Street
2nd Floor
Boston, MA 02110

TITLE:

**LAYOUT & MATERIALS
PLAN**

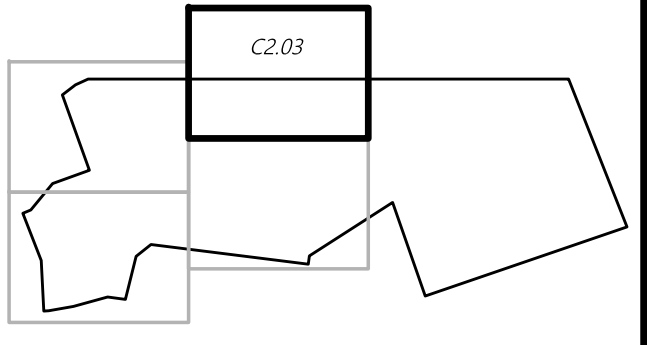
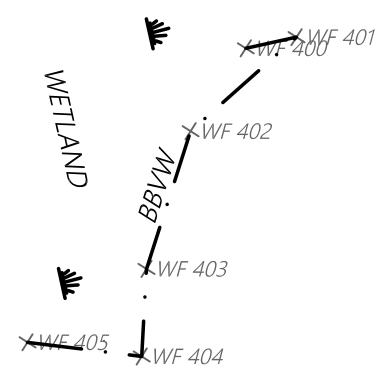
**2394 MAIN
POLAND ROAD**
Conway, MA
(Franklin County)

LOCAL PERMITTING



JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	TBS	SHEET:	
CHK'D. BY:	---		C2.01

BASIS OF BEARINGS:
 MASSACHUSETTS STATE PLANE
 COORDINATE SYSTEM, MAINLAND ZONE



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CONWAY SOLAR LLC

101 Summer Street
 2nd Floor
 Boston, MA 02110

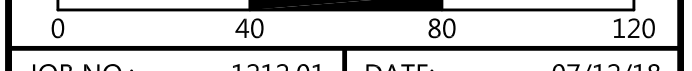
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**LAYOUT & MATERIALS
 PLAN**

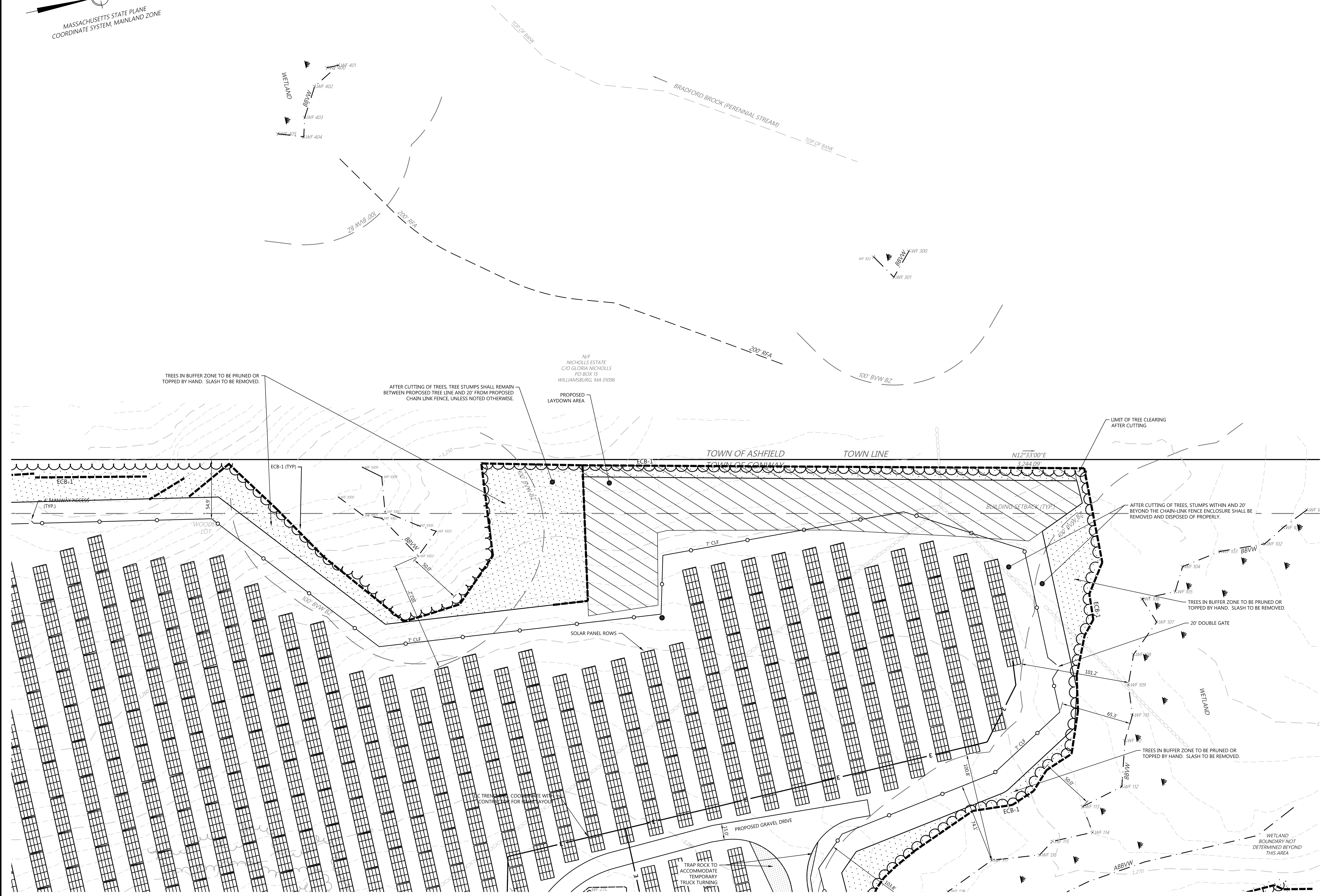
**2394 MAIN
 POLAND ROAD**
 Conway, MA
 (Franklin County)

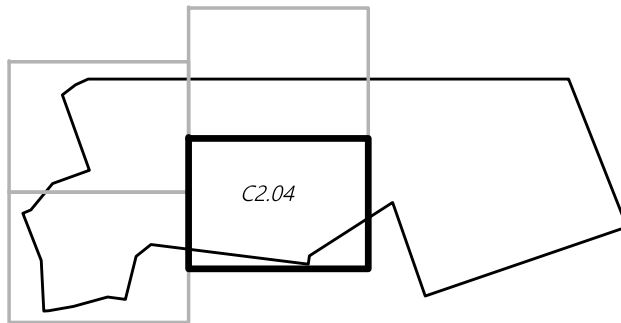
LOCAL PERMITTING

SCALE: 1" = 40'



JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	TBS	SHEET:	
CHK'D. BY:	---		C2.03





LOCUS MAP
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NEWMAN**
2394 Main Poland Road
Conway, MA 01341

APPLICANT:

CONWAY SOLAR LLC

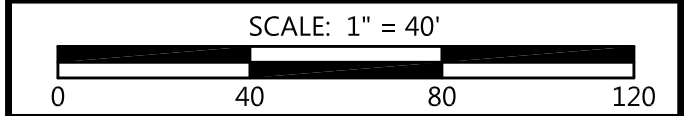
101 Summer Street
2nd Floor
Boston, MA 02110

TITLE:

**LAYOUT & MATERIALS
PLAN**

**2394 MAIN
POLAND ROAD**
Conway, MA
(Franklin County)

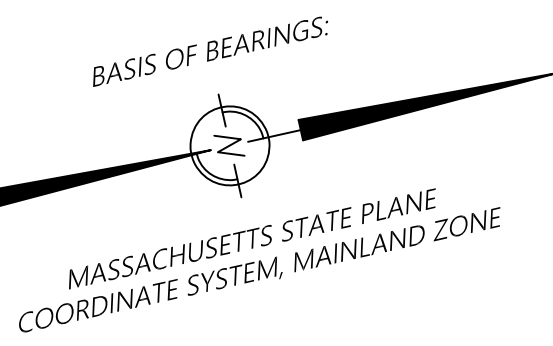
LOCAL PERMITTING

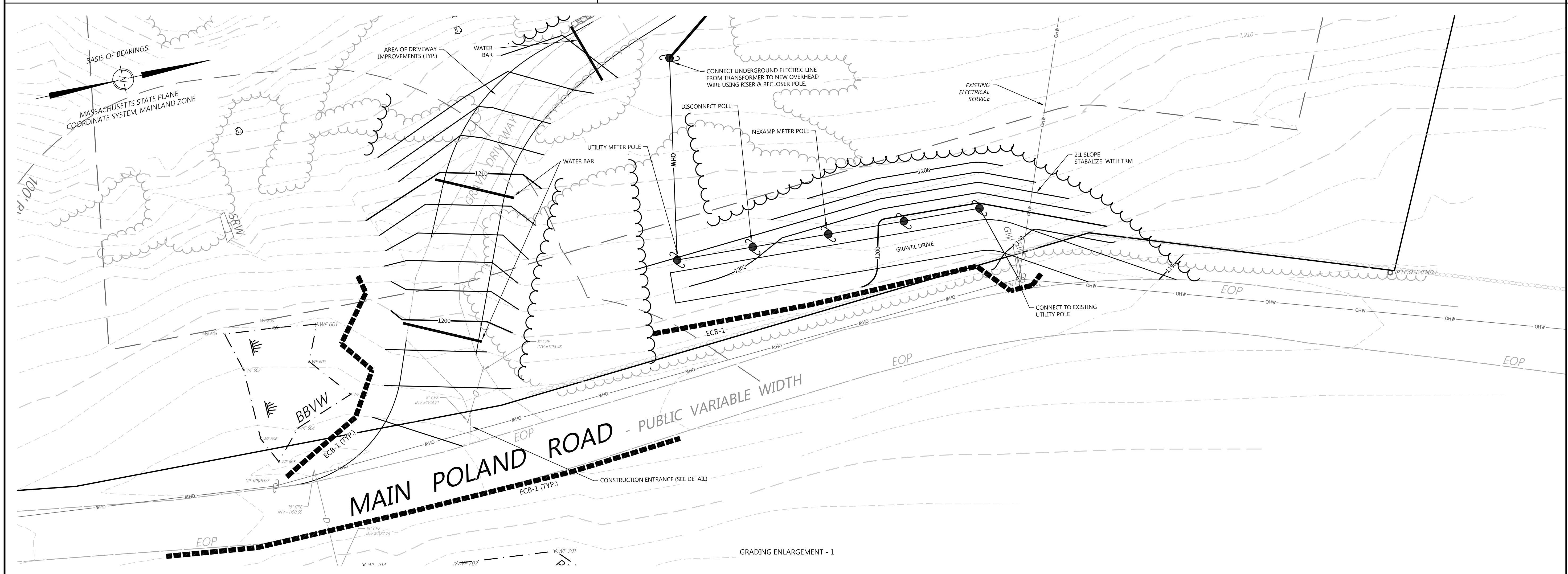
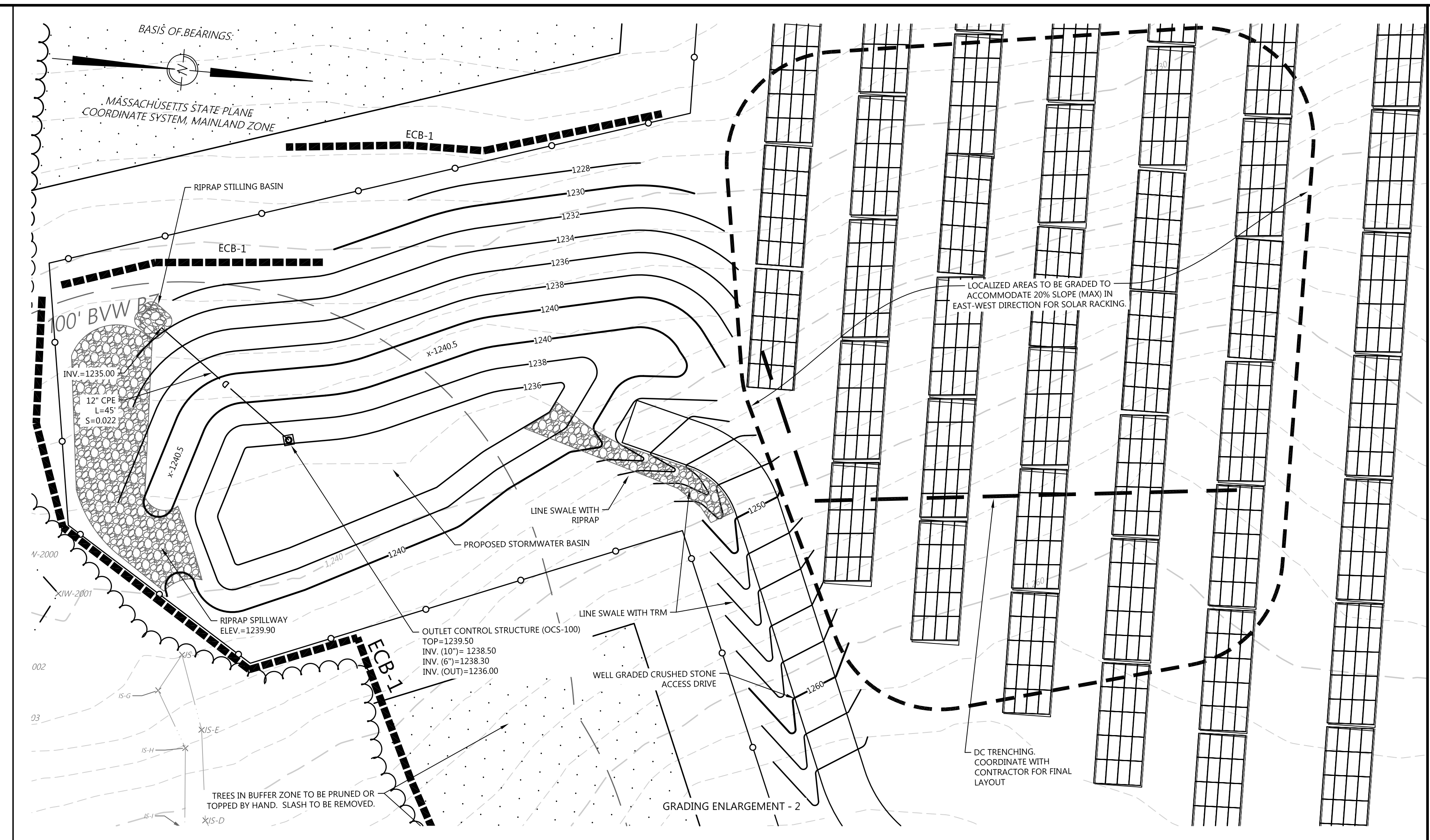
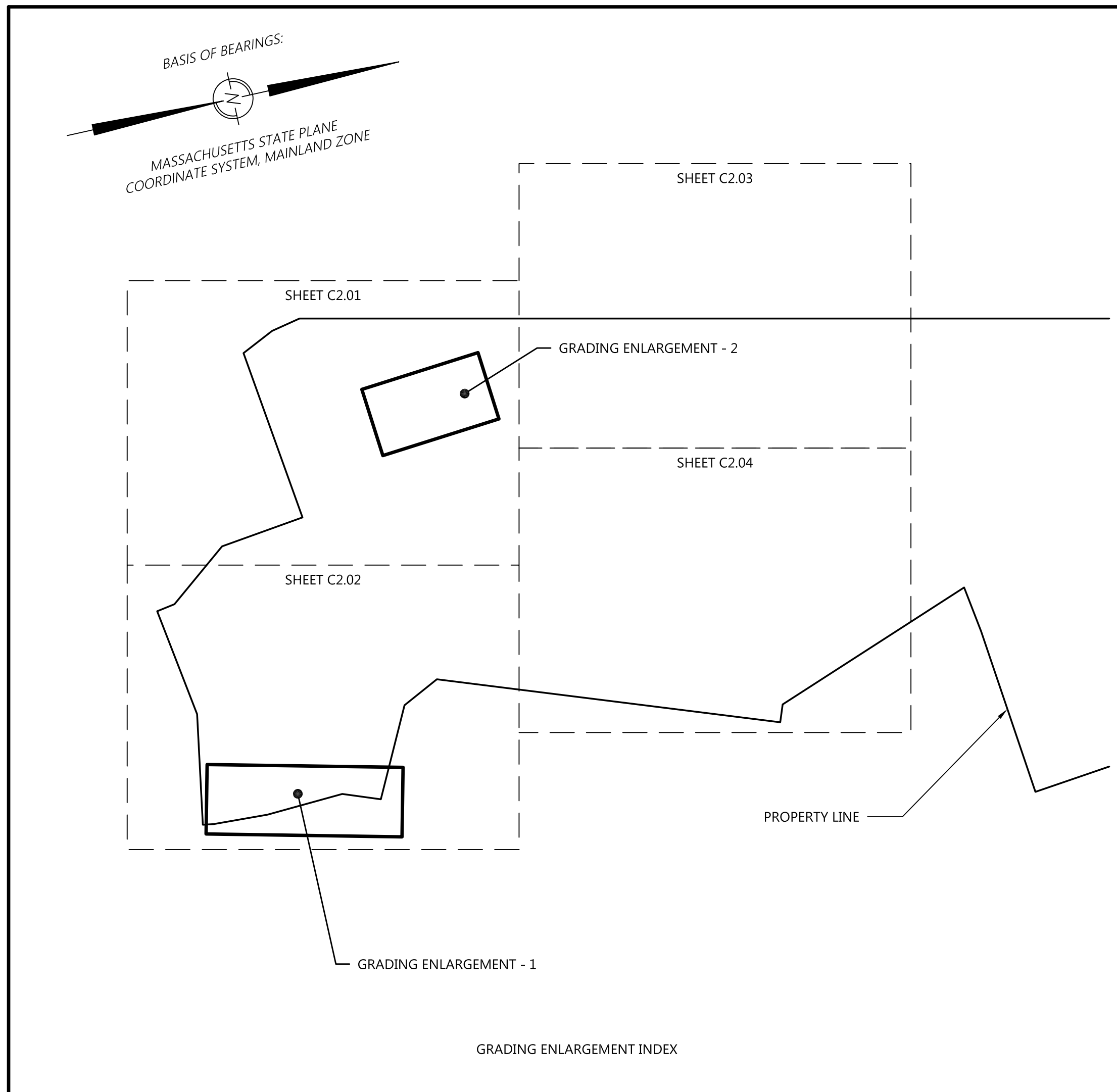


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CHK'D. BY:	---		C2.04

N/E
JEFFERY D. GOLAY &
DEVIN M. SELMAN
2300 MAIN POLAND ROAD
WILLIAMSBURG, MA
01096-9602

N/E
RALPH B. OSGOOD
46 EAST GUINEA ROAD
WILLIAMSBURG, MA 01096





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ROBERT & SARAH NEWMAN
2394 Main Poland Road
Conway, MA 01341

APPLICANT:

CONWAY SOLAR LLC
101 Summer Street
2nd Floor
Boston, MA 02110

TITLE:

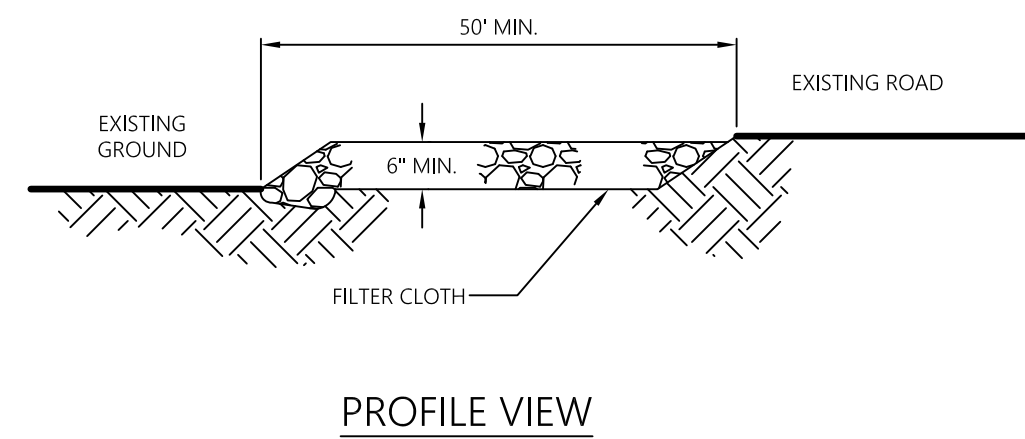
GRADING ENLARGEMENT PLAN
2394 MAIN POLAND ROAD
Conway, MA (Franklin County)

LOCAL PERMITTING

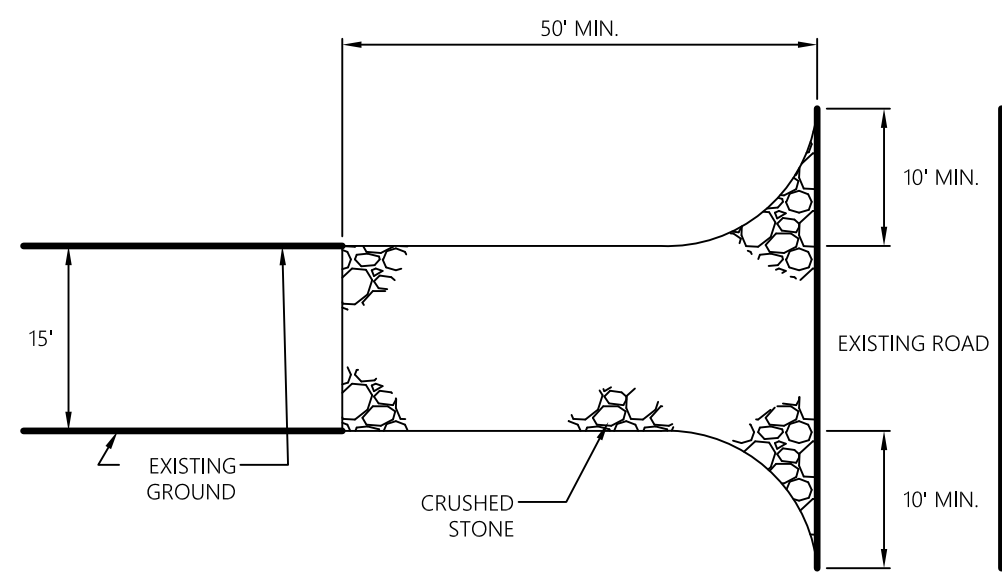
SCALE: 1" = 20'

JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	TBS	SHEET:	
CHK'D. BY:	---		C3.01

- NOTES:
- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE OR RECYCLED CONCRETE EQUIVALENT.
 - THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET.
 - THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
 - THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE PROPOSED ENTRANCE.
 - GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
 - ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO EXISTING ROAD. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO EXISTING ROAD SHALL BE REMOVED IMMEDIATELY.



PROFILE VIEW

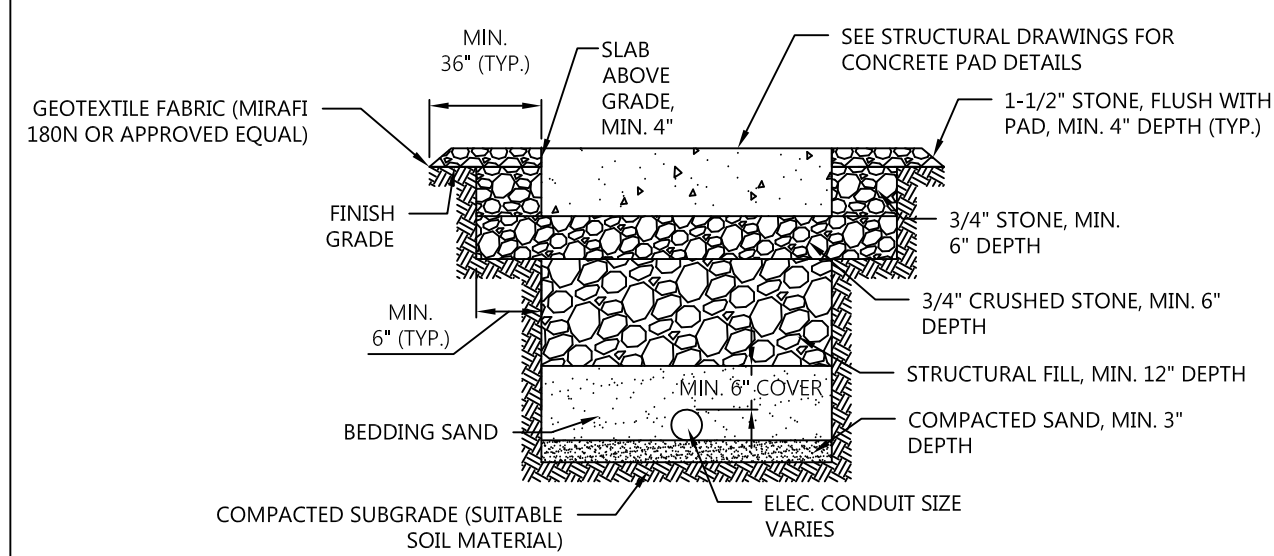


PLAN VIEW

CONSTRUCTION ENTRANCE

N.T.S.

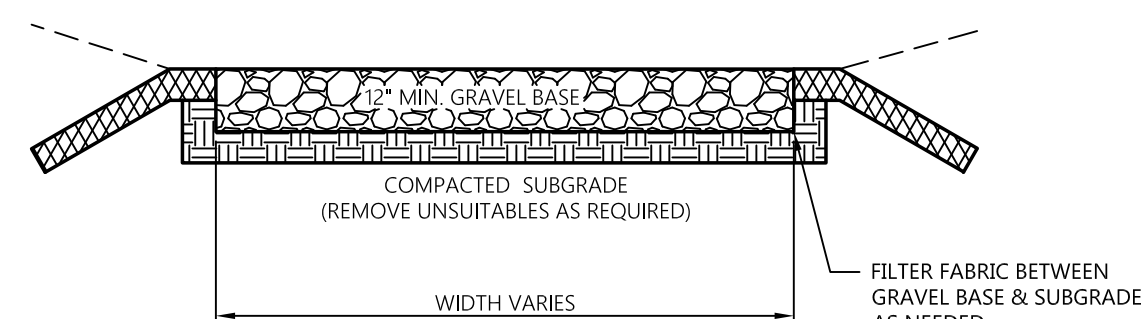
WDA, INC.



PAD SUB-SURFACE

N.T.S.

WDA, INC.

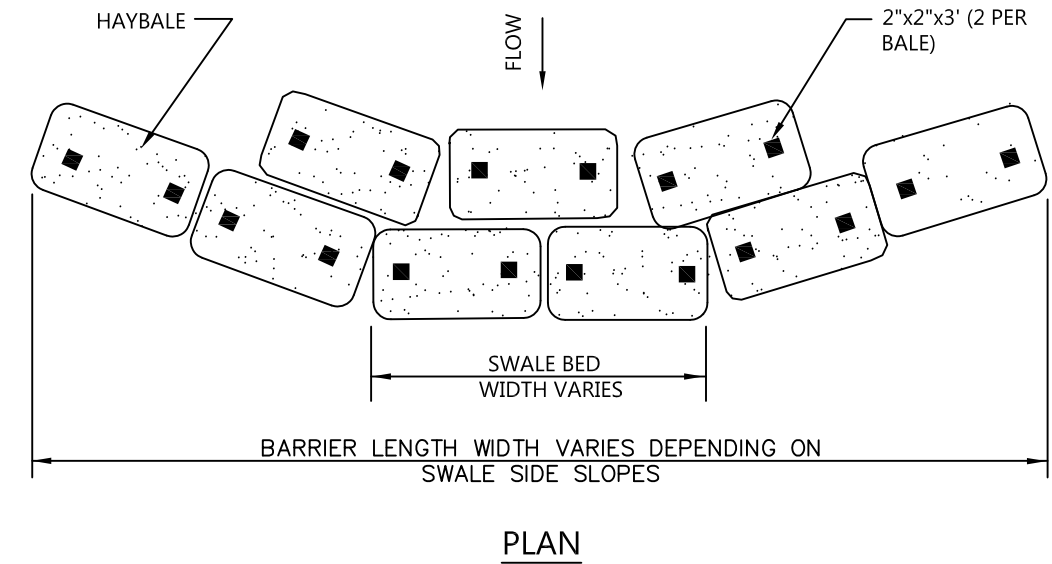


- NOTES:
- REMOVE TOPSOIL AND ALL UNSUITABLE MATERIAL AS REQUIRED AND REPLACE WITH GRAVEL.
 - ACCESS DRIVES TO SLOPE IN THE DIRECTION OF THE EXISTING GRADE AT A MINIMUM OF 2.0%. DRIVEWAY SHALL BE GRADED TO ALLOW STORMWATER TO SHEET ACROSS IT AND TO PREVENT PUDDING.

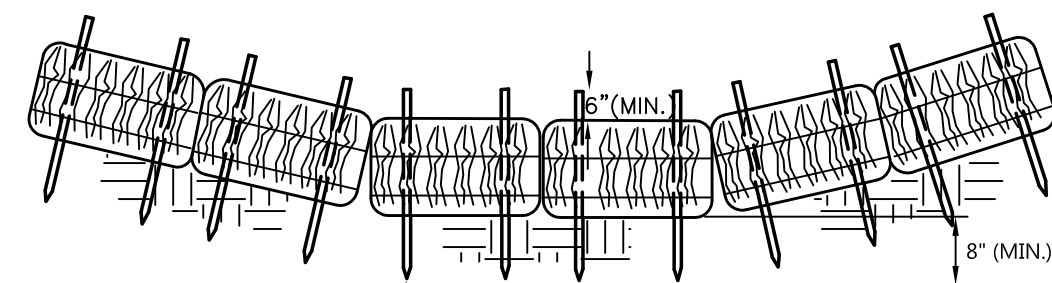
GRAVEL DRIVE CROSS SECTION

N.T.S.

WDA, INC.



PLAN



SECTION

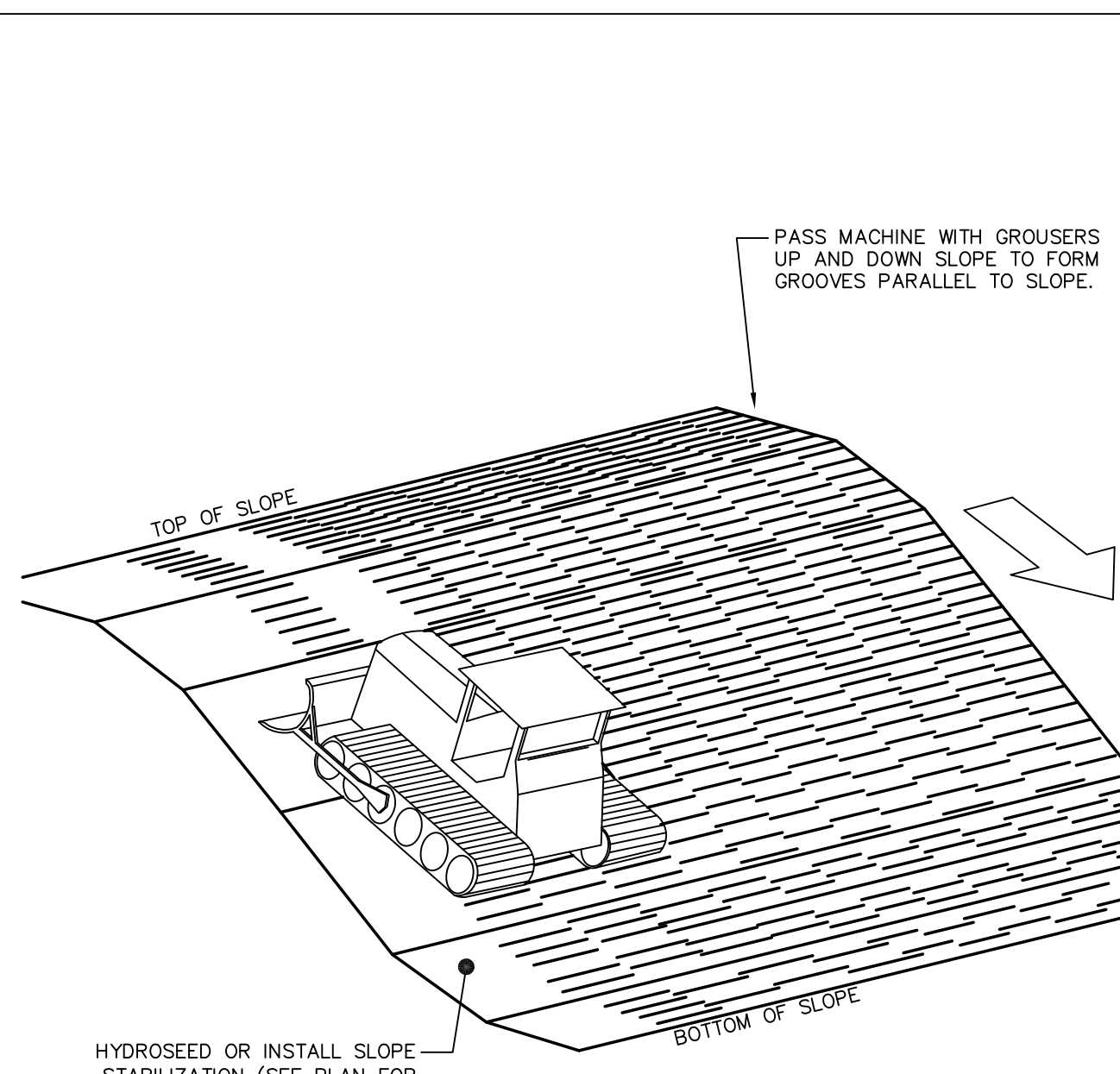
- NOTES:
- CHECKDAM SHALL BE INSTALLED IN A DRAINAGE SWALE WITH BED WIDTHS OF 2 FEET OR MORE.
 - DISTANCE BETWEEN STRAW BALE CHECKDAMS SHALL BE DETERMINED BY THE SLOPE OF THE SWALE. CHECKDAMS SHALL BE SET AT EVERY 2 FT. DROP IN SWALE ELEVATION (AT A MINIMUM).
 - BALES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIRED OR REPLACED PROMPTLY IF NECESSARY.

STRAW BALE CHECKDAM (TEMPORARY USE)

N.T.S.

02370-06

WDA, INC.

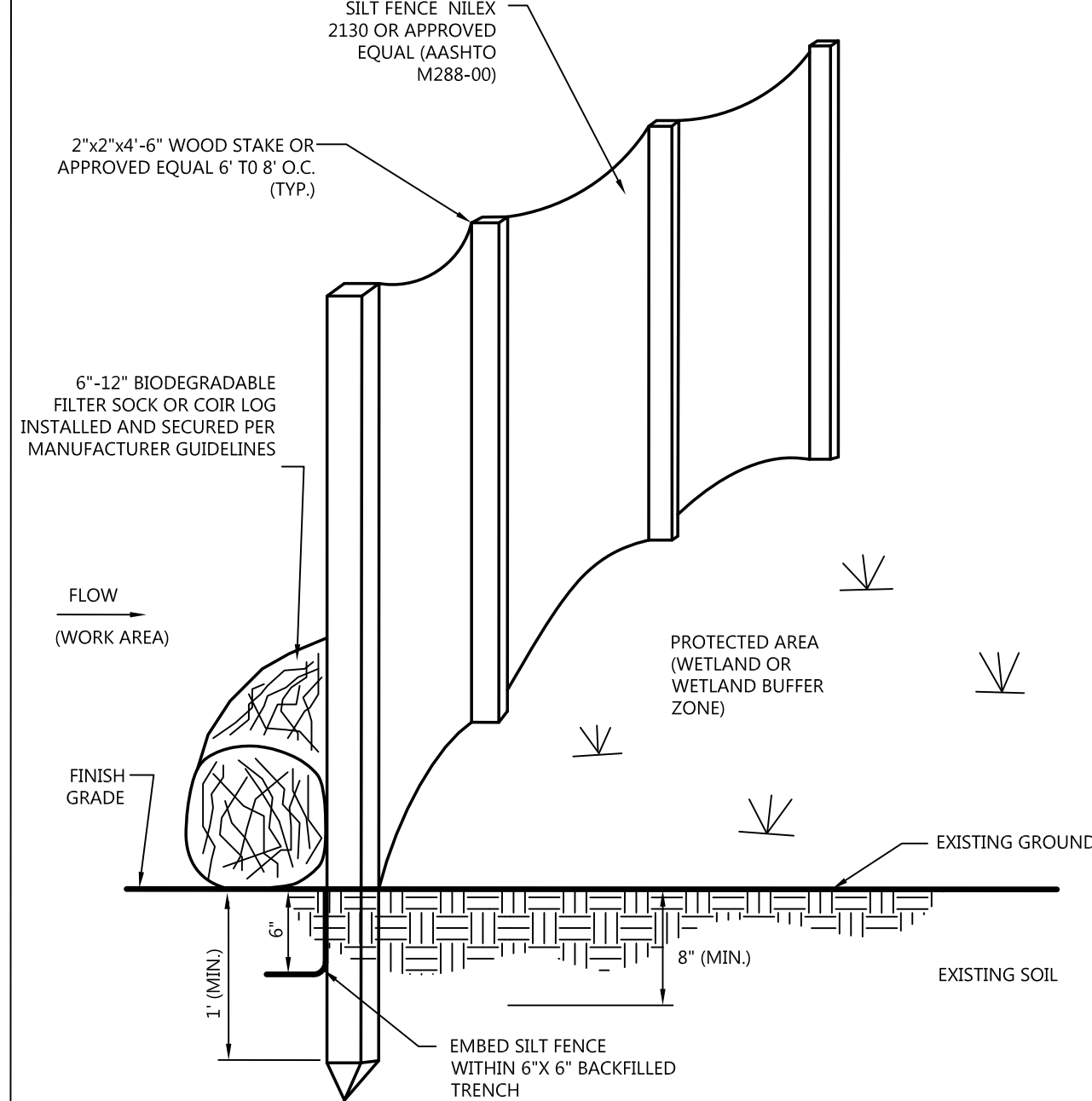


SLOPE TRACKING

N.T.S.

02370-15

WDA, INC.

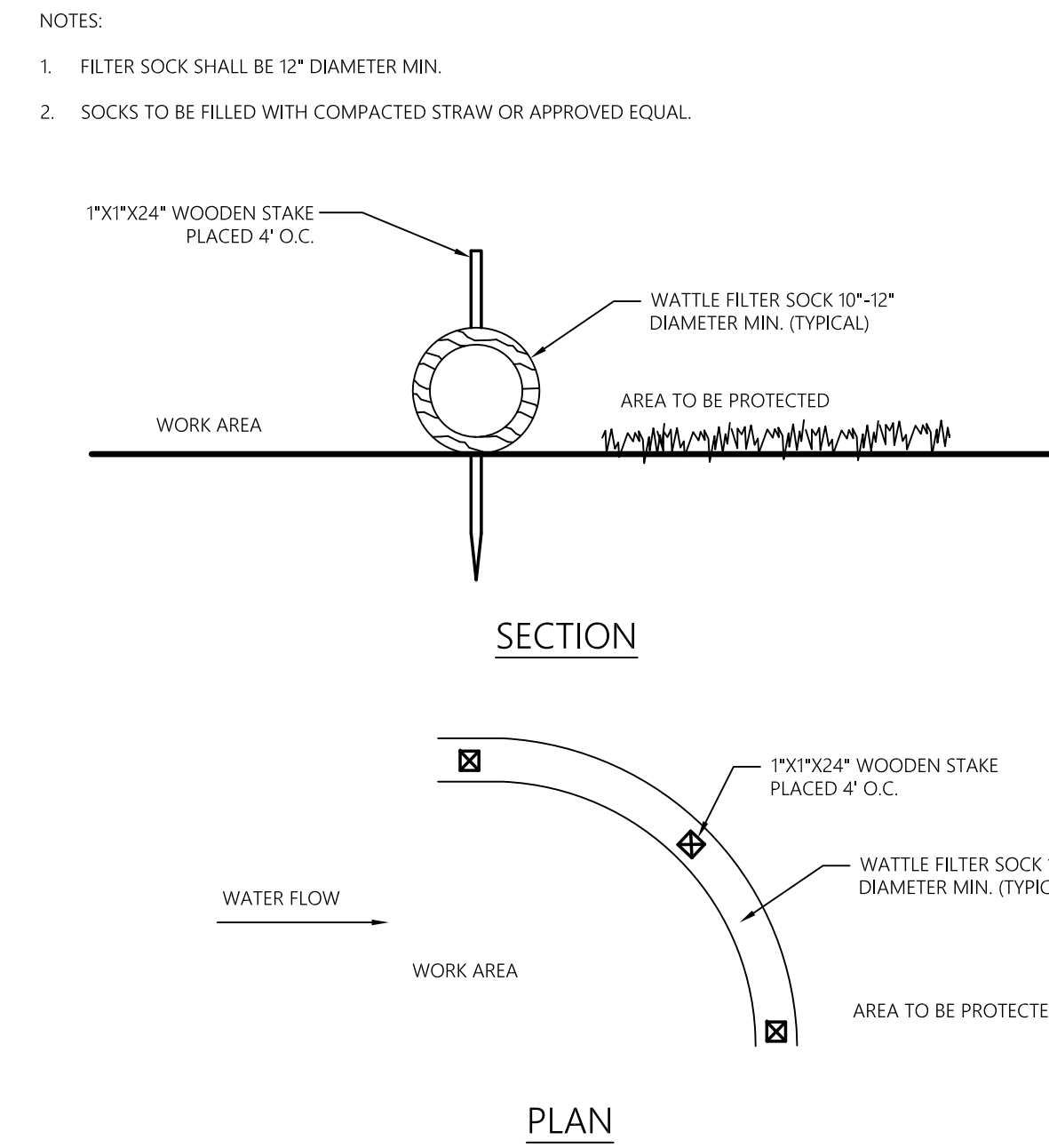


EROSION CONTROL BARRIER (ECB-1)

N.T.S.

UNCHKD 02370-16

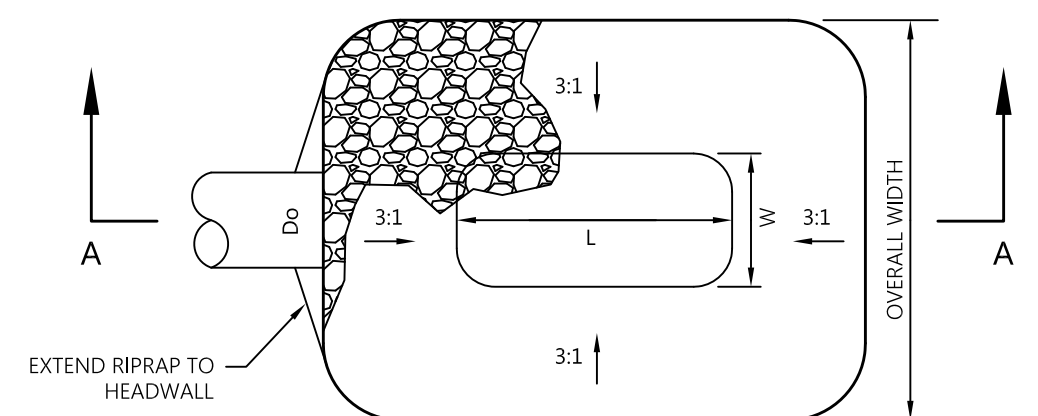
WDA, INC.



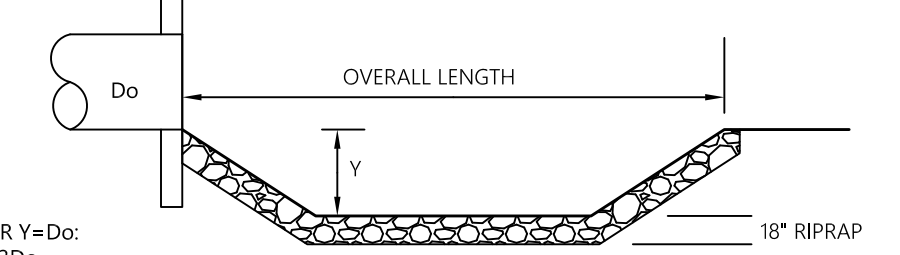
WATTLE FILTER SOCK (ECB-2)

N.T.S.

WDA, INC.



PLAN



SECTION A-A

FOR Y=Do:
L=3Do
W=2Do

FOR Y=1/2Do:
L=6Do
W=5Do

OUTLET	Do (IN)	Y (FT)	L (FT)	W (FT)	OVERALL LENGTH (FT)	OVERALL WIDTH (FT)
-	12	0.5	6	5	9	8

NOTES:

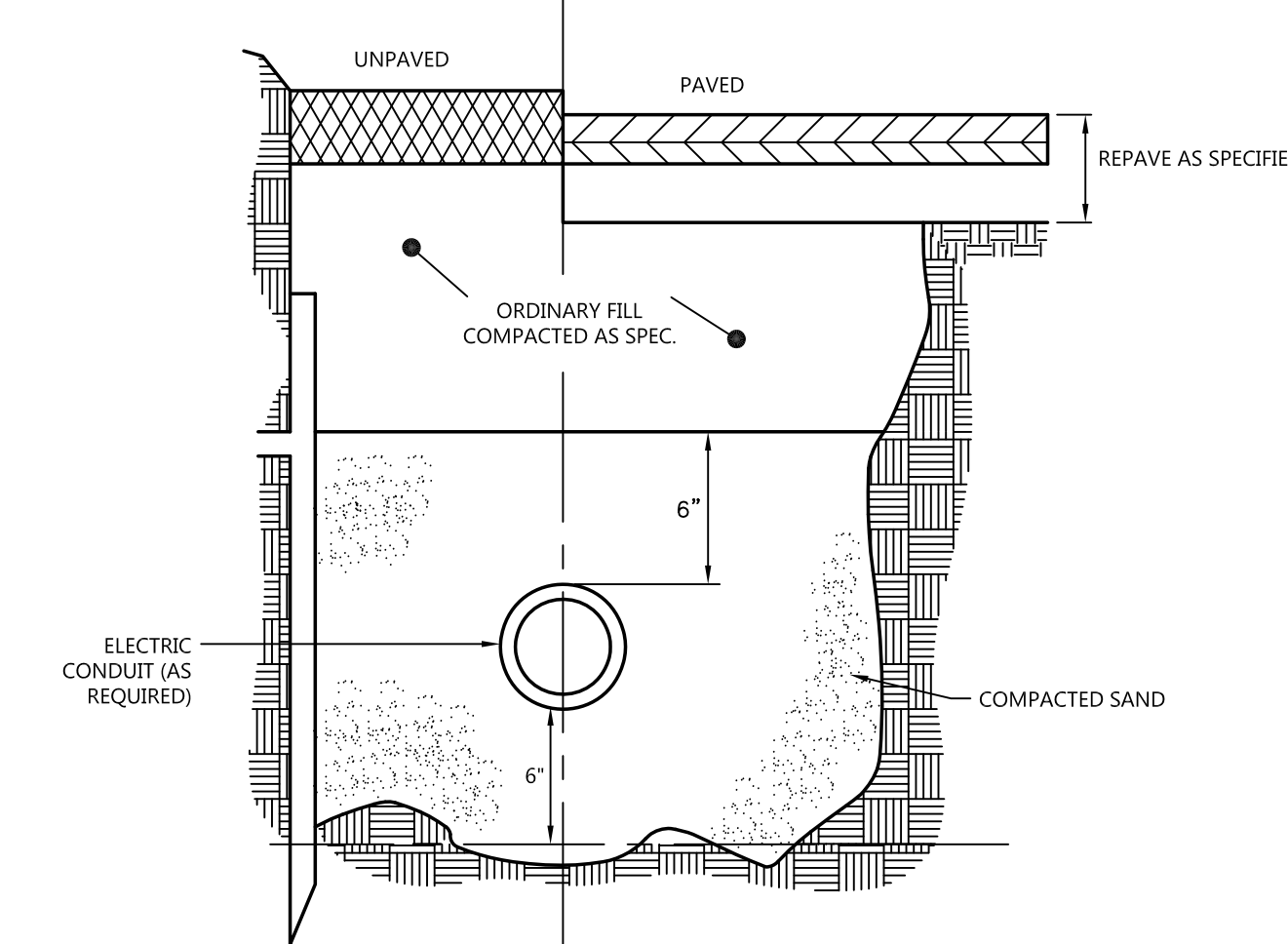
- REFERENCE: STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, NJ STATE SOIL CONSERVATION COMMITTEE, NJ DEPT. OF AGRICULTURE (REV 1987).
- USE AT ALL WINGWALLS AND HEADWALLS.
- MEDIAN STONE SIZE (D50) SHALL BE 9".
- DRAINAGE FABRIC BELOW RIPRAP SHALL BE MIRAFI 140N OR EQUAL.

RIPRAP STILLING BASIN

N.T.S.

02600-STILLINGBASIN

WDA, INC.



ELECTRIC CONDUIT TRENCH

N.T.S.

WDA, INC.

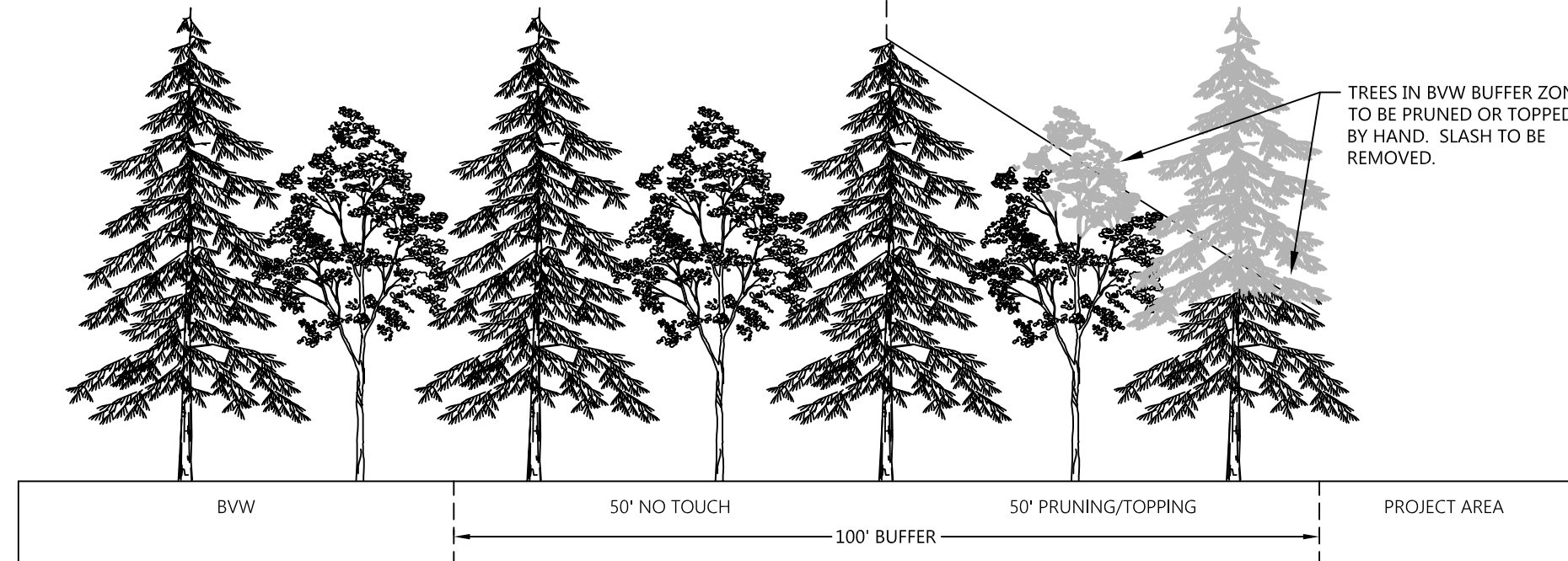
NOTES:

- SEE PLAN FOR AREAS OF SELECT TREE CUTTING.
- NO CUTTING ALLOWED WITHIN THE 100' BUFFER ZONE TO WF-3000 SERIES WETLAND.
- NO CUTTING OR CLEARING SHALL OCCUR WITHIN 50' OF THE BORDERING VEGETATED WETLAND (BVW) UNLESS OTHERWISE NOTED.
- TREES IN THE OUTER 50' OF THE 100' BVW BUFFER ZONE SHALL BE PRUNED OR TOPPED TO REDUCE SHADING AND FALL HAZARDS.

SELECT TREE CUTTING

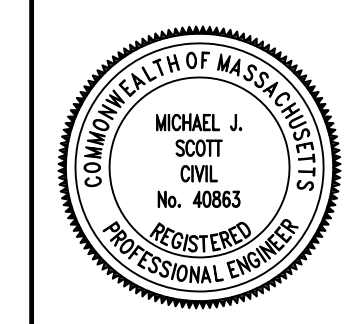
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WDA DESIGN GROUP

31 EAST MAIN STREET WESTBOROUGH, MA | 508.366.6552
7 CENTRAL STREET PROVIDENCE, RI | 401.274.1360
WDA-DG.COM

OWNER:

ROBERT & SARAH NEWMAN
2394 Main Poland Road
Conway, MA 01341

APPLICANT:

CONWAY SOLAR LLC

101 Summer Street
2nd Floor
Boston, MA 02110

TITLE:

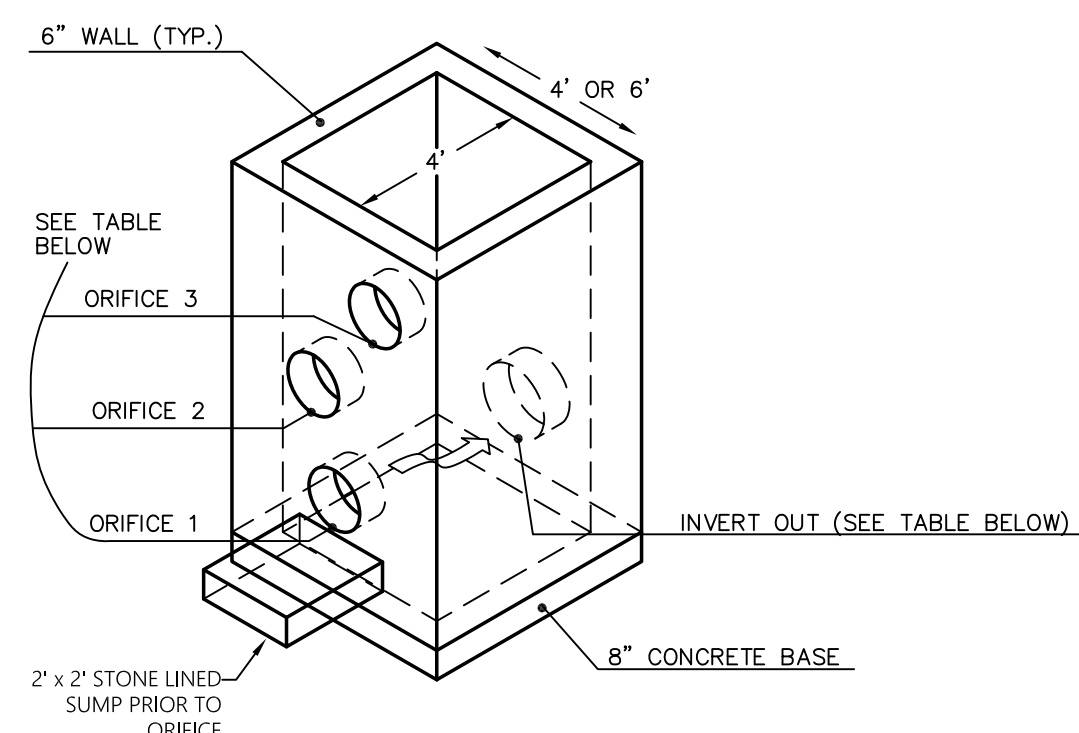
DETAILS

2394 MAIN POLAND ROAD
Conway, MA
(Franklin County)

LOCAL PERMITTING

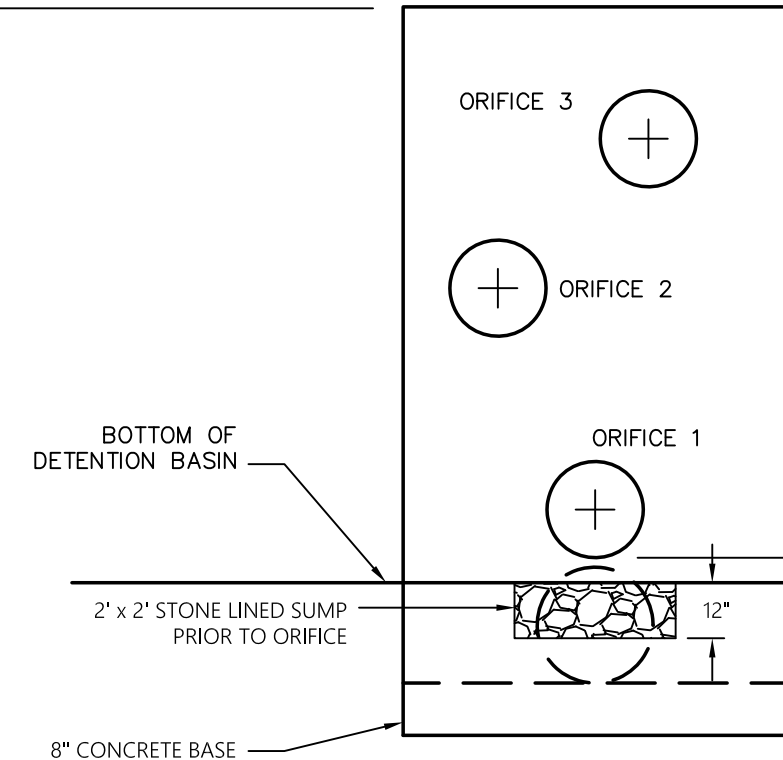
SCALE: AS SHOWN

JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	TBS	SHEET:	
CHK'D. BY:	---		C4.01



ISOMETRIC VIEW

TOP OF STRUCTURE ELEV. (SEE TABLE BELOW)



- NOTES:
- OCS TO BE 4'x4' BOX STRUCTURE (INSIDE DIMENSION).
 - 6" WALL THICKNESS.
 - PROVIDE GRATING WITHIN TOP OF STRUCTURE TO SUPPORT INSPECTOR/MAINTAINER.
 - DESIGN SHALL SUPPORT ANTICIPATED HYDROSTATIC AND BUOYANT FORCES.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS.

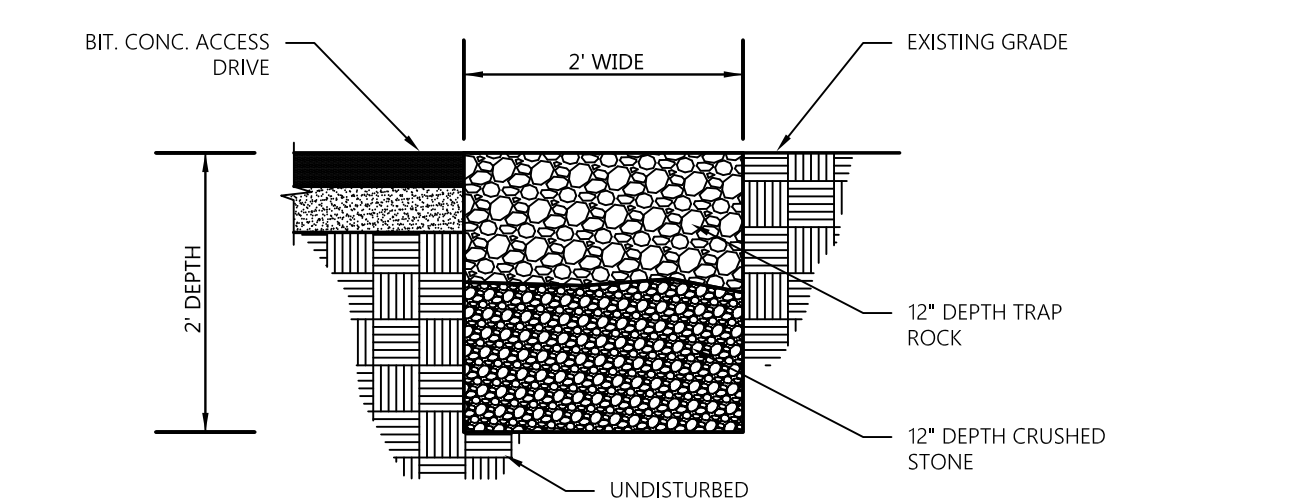
ORIFICE INV. ELEV. (SEE TABLE BELOW)

OCS #	ORIFICE 1 SIZE (INCHES)	ORIFICE 1 ELEV.	ORIFICE 2 SIZE (INCHES)	ORIFICE 2 ELEV.	ORIFICE 3 SIZE (INCHES)	ORIFICE 3 ELEV.	OUTLET SIZE (INCHES)	OUTLET INVERT ELEV.	TOP OF STRUCTURE ELEV.
100	6"	1238.30	10"	1238.50	N/A	N/A	12"	1236.00	1239.50

OUTLET CONTROL STRUCTURE (OCS)

N.T.S.

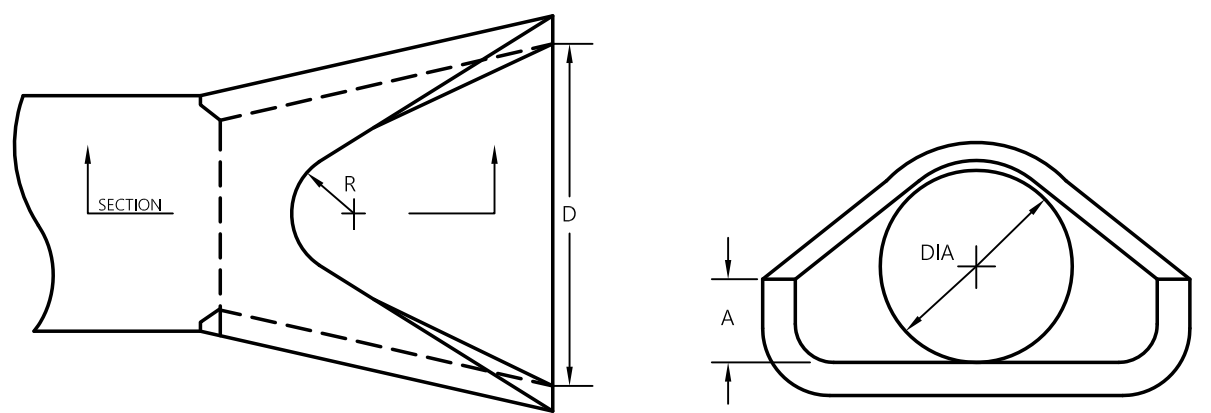
02600-14
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STONE INFILTRATION TRENCH

N.T.S.

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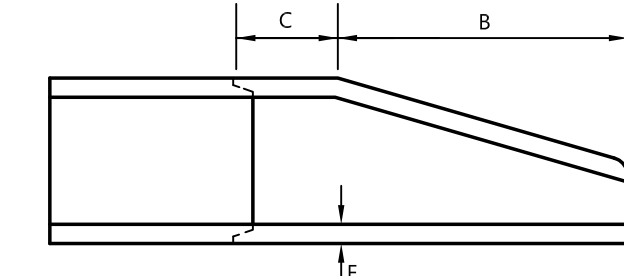


PLAN VIEW

END VIEW

NOMINAL DIMENSIONS

DIA.	A	B	C	D	E	R
12"	4"	2'-0"	4'-0 7/8"	2'-0"	2"	9"
15"	6"	2'-3"	3'-10"	2'-6"	2-1/4"	11"
18"	9"	2'-3"	3'-10"	3'-0"	2-1/2"	12"
24"	9 1/2"	3'-7 1/2"	2'-6"	4'-0"	3"	14"
30"	12"	4'-6"	1'-7 3/4"	5'-0"	3-1/2"	15"
36"	15"	5'-3"	2'-10 3/4"	6'-0"	4"	20"

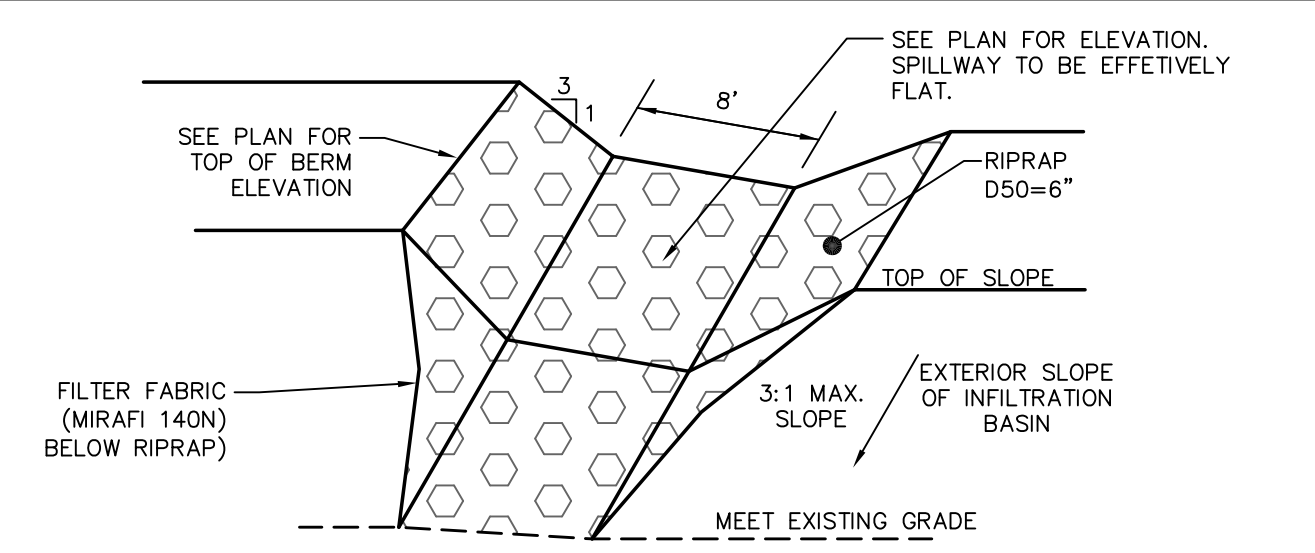


SECTION VIEW

CPE FLARED END (FE)

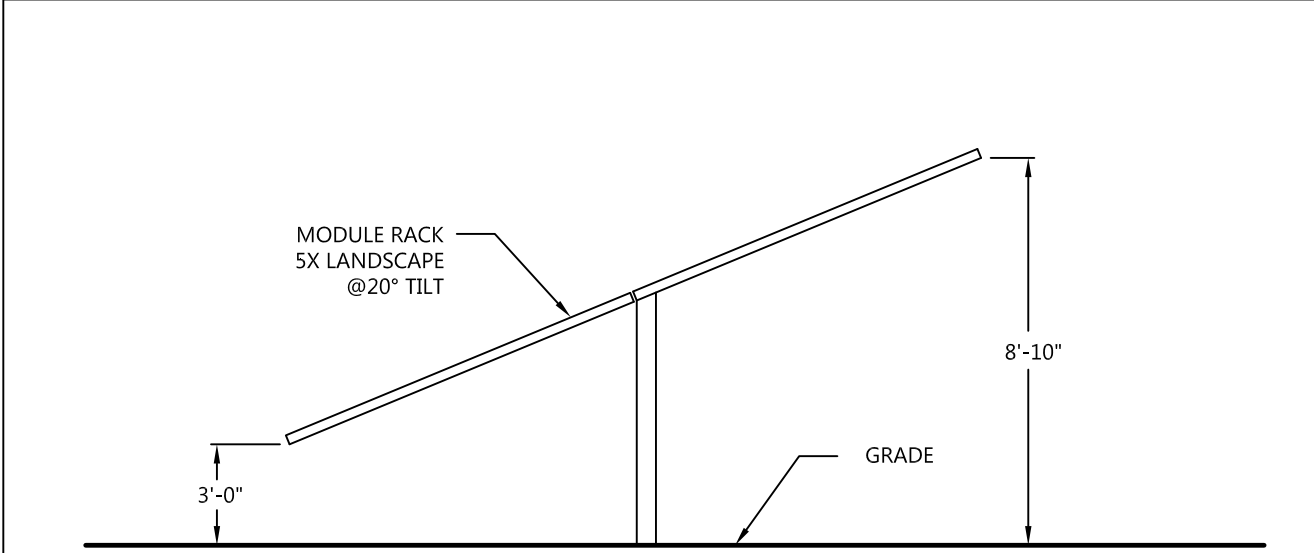
N.T.S.

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WDA, INC.



RIPRAP SPILLWAY DETAIL

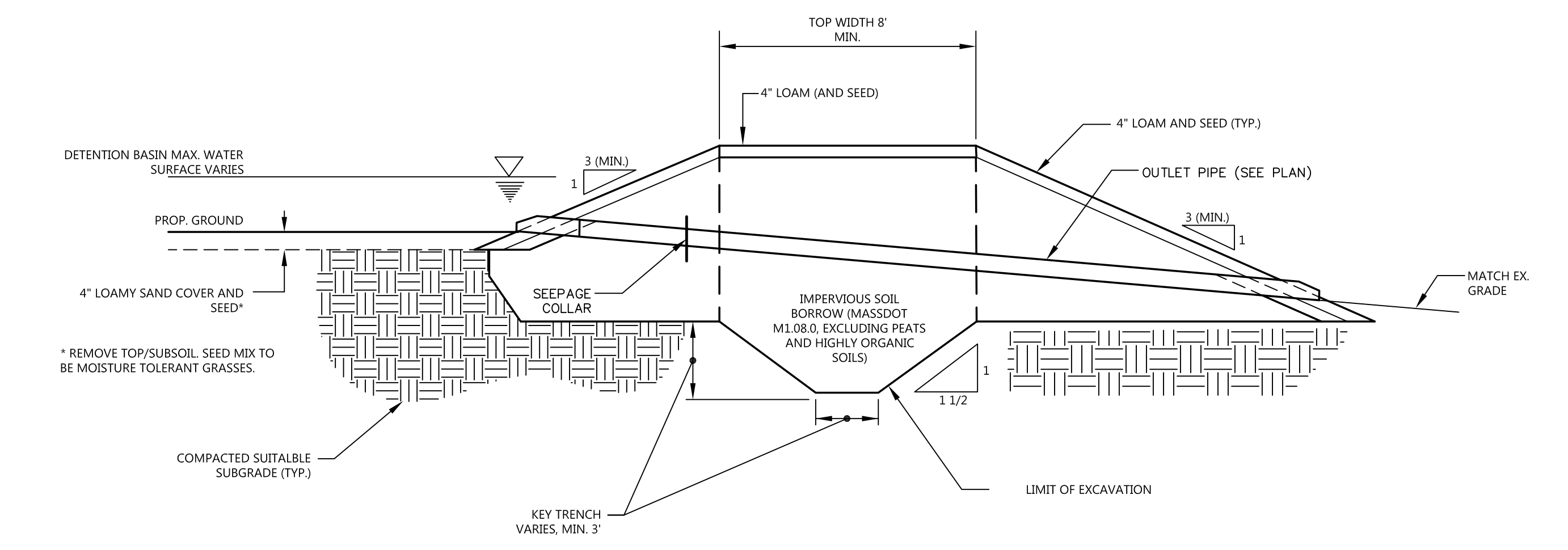
NTS



CIVIL RACK DETAIL

N.T.S.

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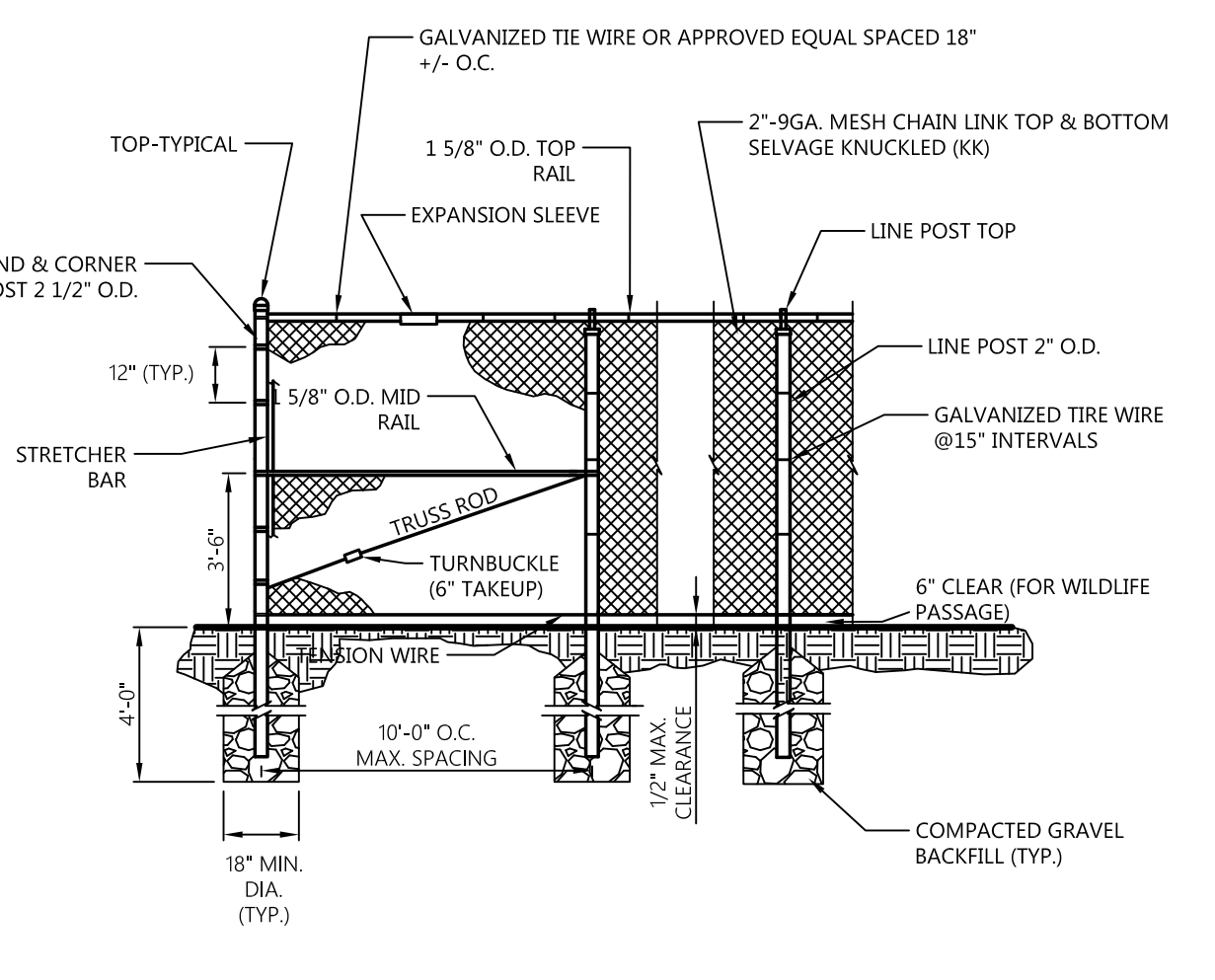
DETENTION BASIN BERM SECTION

N.T.S.

02600-28
WDA, INC.

- NOTES:
- ALL FENCING AND HARDWARE SHALL BE GALVANIZED.
 - ALL GATES AND FENCES TO HAVE 6" SEPARATION FROM BOTTOM OF CHAIN LINK FENCE TO FINISH GRADE.

NORMAL HEIGHT (H)	ACTUAL (F)	ACTUAL (D)
7'-0"	6'-10"	6'-8 1/2"



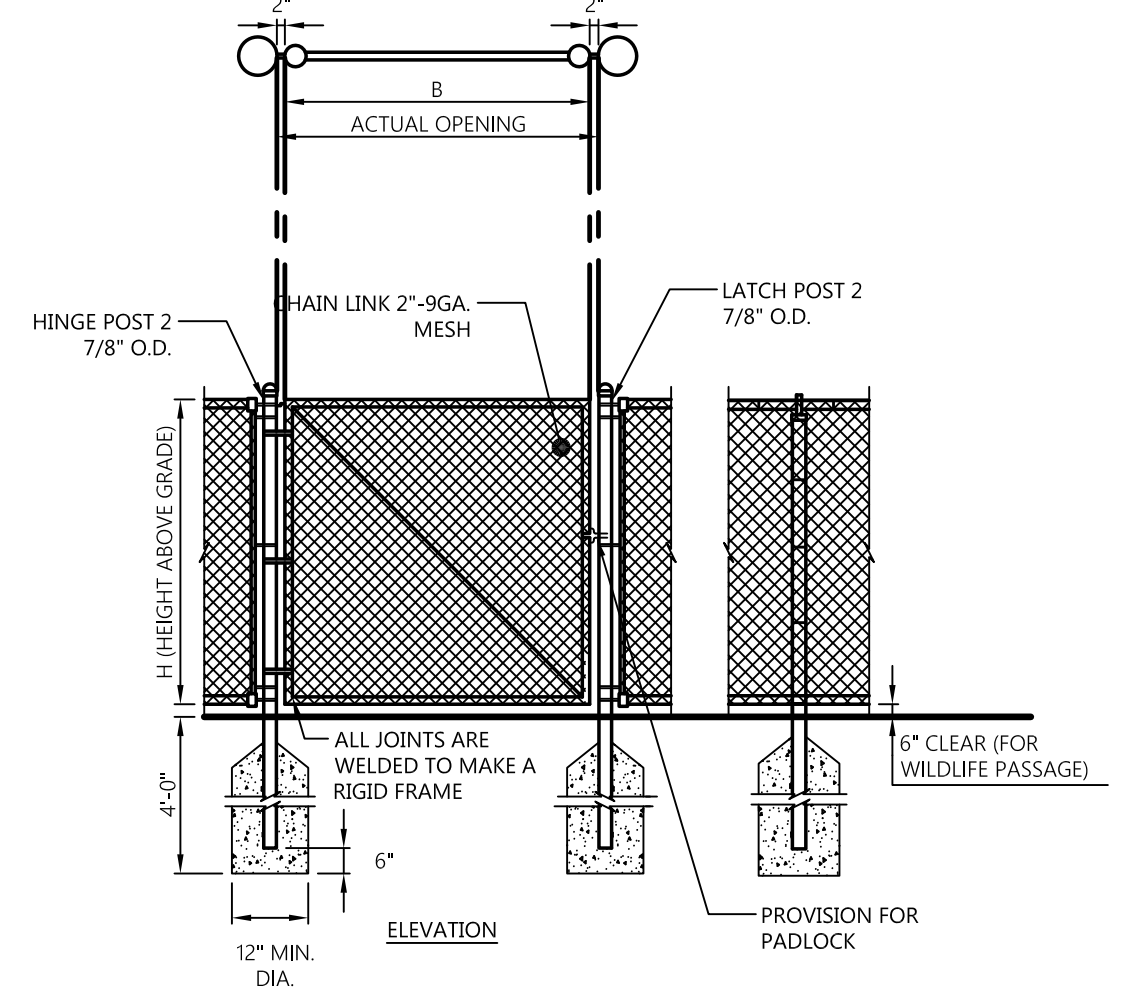
CHAIN LINK SECURITY FENCE

N.T.S.

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NORMAL HEIGHT (H)	ACTUAL (F)	ACTUAL (D)	OPENING (B)
7'-0"	6'-10"	6'-8 1/2"	4'-0"

PLAN VIEW



ELEVATION

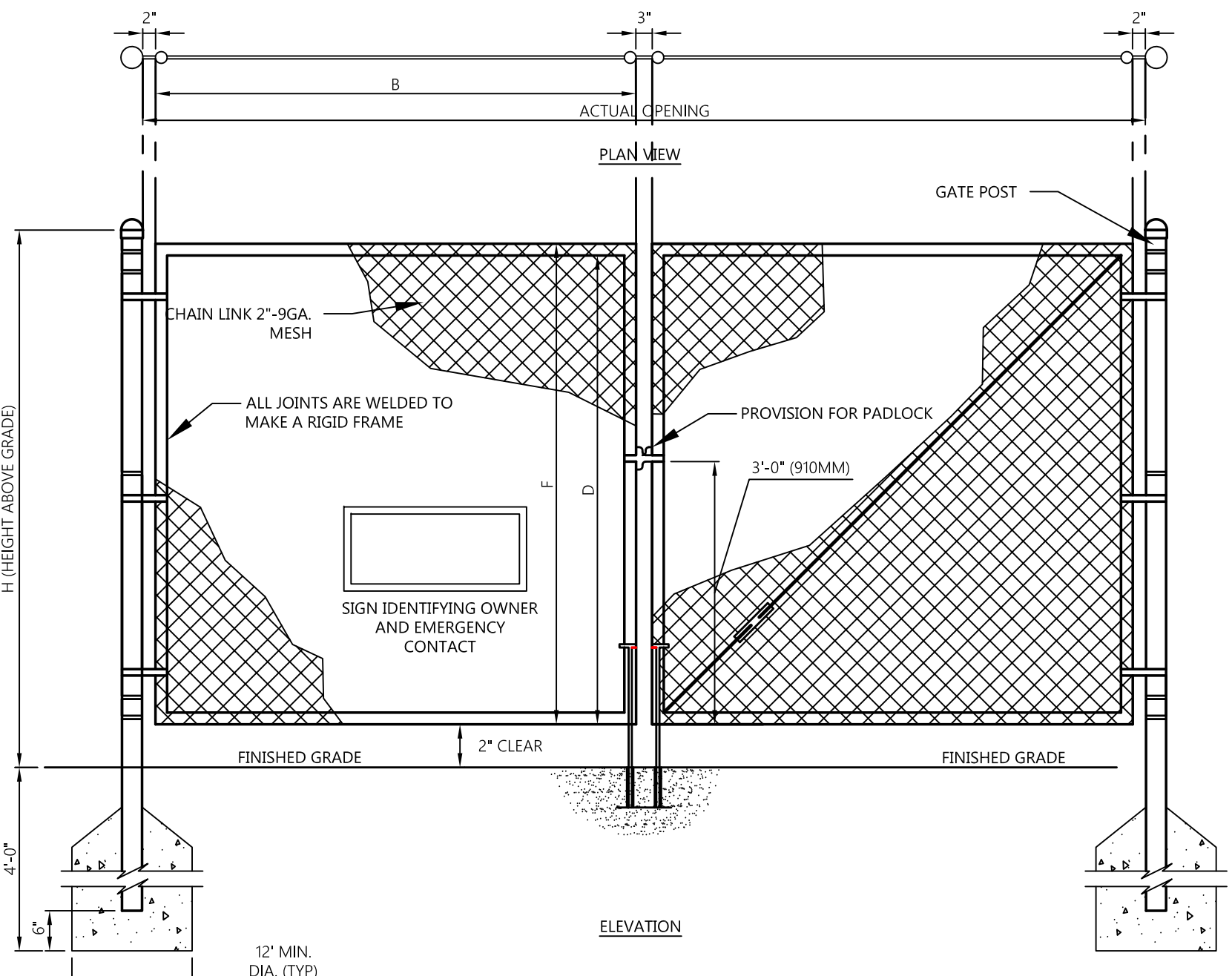
CHAIN LINK PERSONAL GATE

N.T.S.

WDA, INC.

- NOTES:
- ALL FENCING AND HARDWARE SHALL BE GALVANIZED.
 - CONCRETE ENCASUREMENT AT END AND GATE POSTS ONLY.
 - ALL GATES AND FENCES TO HAVE 6" SEPARATION FROM BOTTOM OF CHAIN LINK FENCE TO FINISH GRADE.

NORMAL HEIGHT (H)	ACTUAL (F)	ACTUAL (D)	OPENING (B)
7'-0"	6'-10"	6'-8 1/2"	10'-0"



CHAIN LINK SECURITY FENCE - DOUBLE GATE

N.T.S.

WDA, INC.

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REV.	DATE	DESCRIPTION	INIT.
E	4/9/19	CONSERVATION COMMISSION COMMENTS	
D	3/13/19	PEER REVIEW COMMENTS	
C	12/19/18	SITE PLAN & NOI	
B	9/25/18	NOT ISSUED	
A	X	NOT ISSUED	



PREPARED BY:



31 EAST MAIN STREET, WESTBOROUGH, MA | 508.366.6552
7 CENTRAL STREET, PROVIDENCE, RI | 401.274.1360
WDA-DG.COM

OWNER:

ROBERT & SARAH NEWMAN
2394 Main Poland Road
Conway, MA 01341

APPLICANT:

CONWAY SOLAR LLC

101 Summer Street
2nd Floor
Boston, MA 02110

TITLE:

DETAILS

2394 MAIN POLAND ROAD
Conway, MA
(Franklin County)

LOCAL PERMITTING

SCALE: AS SHOWN

JOB NO.:	1212.01	DATE:	07/12/18
DWN. BY:	TBS	SHEET:	
CHK'D. BY:	---		C4.02