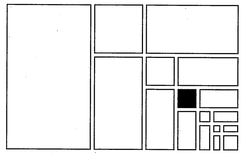
GLASTONBURY PARKS AND RECREATION

NEW STORAGE BUILDING

1086 New London Turnpike
GLASTONBURY, CT
BID NO.: GL-2014-22



Moser Pilon Nelson, Architects
30 JORDAN LANE, WETHERSFIELD, CT 06109

Structural Engineers
Macchi Engineers, LLC
44 GILLETT STREET
HARTFORD, CT 06105

Mechanical & Electrical Engineers
Bemis Associates, LLC
FENN PLAZA, 101 FENN ROAD
NEWINGTON, CT 06111

LIST OF DRAWINGS

SHEET NO.	TITLE
COVER	----
A 1.0	FLOOR PLANS, ROOF PLAN
A 1.1	BUILDING ELEVATIONS AND SECTION
A 1.2	WALL SECTIONS
A 1.3	MEZZANINE PLAN, RAILING ELEVATION, STAIR DETAILS
S 1.1	FOUNDATION PLAN AND DETAILS
S 1.2	FRAMING PLAN AND DETAILS
PL 1.1	PLUMBING PLAN
EL 1.1	LIGHTING PLAN
EP 1.1	POWER PLAN
EP 1.2	POWER DETAILS

INFO DRAWINGS-LIMITED CONTRACT SCOPE

1 OF 3	SITE PLAN
2 OF 3	SITE DETAILS
3 OF 3	SITE DETAILS

CODE INFORMATION

2005 CT BUILDING CODE W/ AMENDMENTS, ETC.

1. USE GROUP CLASSIFICATION (302.1)
   S-1 (MODERATE HAZARD STORAGE-NON-SPRINKLERED)

2. CONSTRUCTION TYPE (CHAPTER 6)
   MINIMUM TYPE REQUIRED: VB
   ACTUAL TYPE PROVIDED: V

3. BUILDING HEIGHT (503)
   ALLOWABLE HEIGHT (stories/feet): 1 STORY / 40'
   ACTUAL HEIGHT (stories/feet): 1 STORY / 20'

4. BUILDING AREA (503) (INT. FACE OF EXT. WALLS)

FIRST FLOOR:	3,215 SF
MEZZANINE:	1,028 SF
TOTAL SF:	4,243 SF

5. AREA MODIFICATIONS TO TABLE 503

TOTAL PERIMETER =	**35 FT**	**96 FT**	**35 FT**	**96 FT**
OPEN PERIMETER =	**35 FT**	**96 FT**	**35 FT**	**96 FT**
	N	**E**	**S**	**W**

TOTAL FRONTAGE (F) = **262 FT** TOTAL PERIMETER (P) = **262 FT**

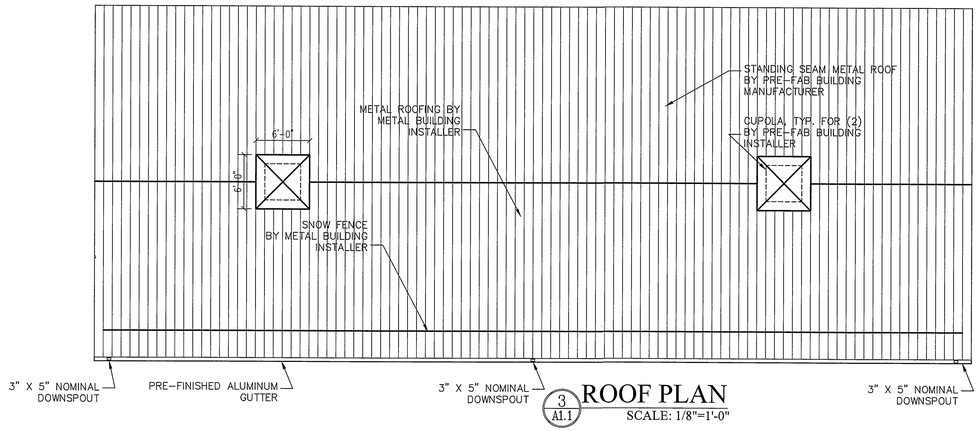
% PERIMETER = (FRONTAGE/TOTAL PERIMETER)		100 %
% TABULAR AREA INCREASE = 1 X (% FRONTAGE - 25%) =		75 %
% OF ALLOWABLE TABULAR AREA (TABLE 503)		100 %
% INCREASE FOR FRONTAGE (506.2)	+	75 %
% INCREASE FOR AUTOMATIC SPRINKLERS (506.3)	+	000 %
TOTAL PERCENTAGE FACTOR	=	175 %
CONVERSION FACTOR (% FACTOR / 100)		1.75

6. ADJUSTED BUILDING AREA CALCULATION

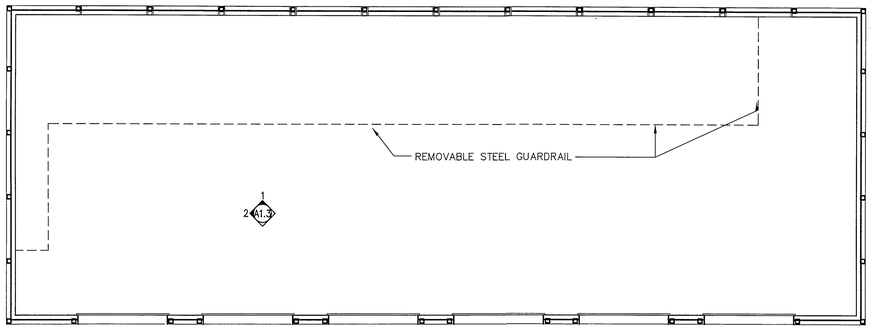
A) ADJUSTED BUILDING AREA:
(ACTUAL BUILDING AREA/CONVERSION FACTOR)
MUST BE < TABLE 503

ADJ. 1st FLR + MEZZ.	4,243 SF/1.75 =	2,425 SF
ADJ. MAXIMUM ALLOWABLE AREA	=	9,000 SF

March 12, 2014
CONSTRUCTION DOCUMENTS



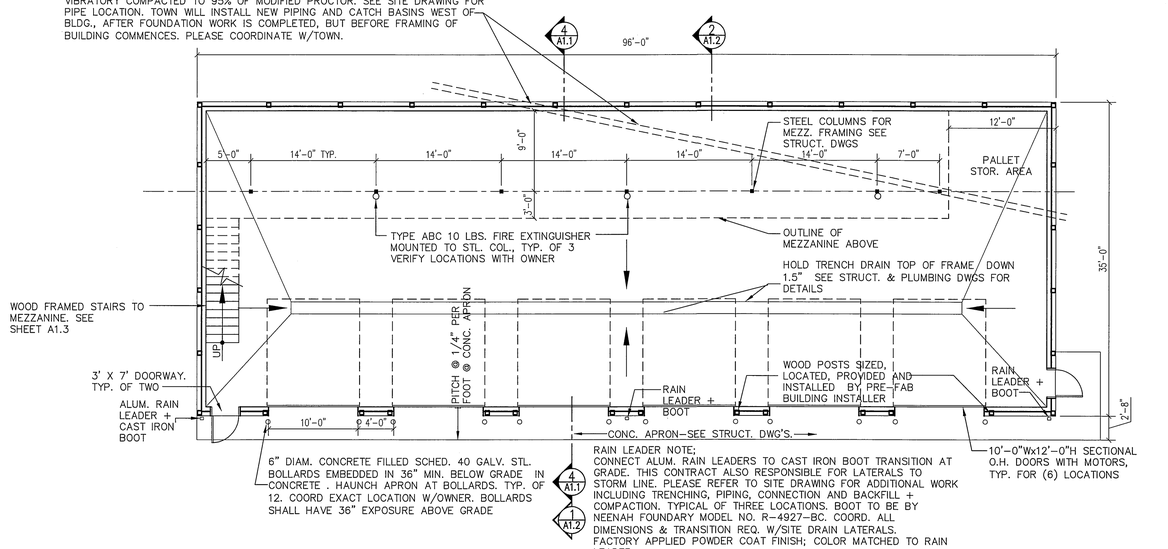
3 A1.1 ROOF PLAN
SCALE: 1/8"=1'-0"



2 A1.0 MEZZANINE PLAN (SEE SHT. A1.3) SCALE: 1/8"=1'-0"

APPROX. LINE OF EXISTING STORM LINE TO BE REMOVED BY THIS CONTRACT. BACKFILL EXCAVATION AND COMPACT W/ 3/8" STONE, 12" MAX. LIFTS VIBRATORY COMPACTED TO 95% OF MODIFIED PROCTOR. SEE SITE DRAWING FOR PIPE LOCATION. TOWN WILL INSTALL NEW PIPING AND CATCH BASINS WEST OF BLDG., AFTER FOUNDATION WORK IS COMPLETED, BUT BEFORE FRAMING OF BUILDING COMMENCES. PLEASE COORDINATE W/TOWN.

EXIST. FENCE TO RE



1 A1.0 FLOOR PLAN
SCALE: 1/8"=1'-0"
FOOTPRINT - 3,360sf.

PROJECT NORTH

SPECIFICATIONS

1.0 METAL BUILDING
PROVIDE AND INSTALL THE PREFABRICATED WOOD FRAMED, METAL SKINNED BUILDING PRODUCT–BASIS OF DESIGN –LESTER BUILDINGS OF LESTER PRAIRIE, MN 55354
TOLL–FREE–1–800–826–4439

OR APPROVED EQUAL BY:
1.CLEARY BUILDINGS
2.BLUE CHIP BUILDINGS

1.1 SPECIAL PROJECT REQUIREMENTS:
THE PREFABRICATED WOOD FRAMED METAL SKINNED BUILDING SHALL BE A COMPREHENSIVE AND COMPLETE PRE–ENGINEERED SYSTEM AND SHALL INCLUDE PREFINISHED METAL SIDING, PREFINISHED ROOF PANELS AND SNOW FENCE ASSEMBLY, CUPOLAS, ALUMINUM GUTTERS, RAIN LEADERS, DOORS/FRAMES/HARDWARE, WINDOWS/FRAMES/GLAZING AND ALL ACCESSORIES, ANCHORS, CLOSURE AND TRIM PIECES AS REQUIRED TO PROVIDE AND INSTALL A COMPLETE AND TOTAL BUILDING SYSTEM.

1.2 METAL BUILDING SUBMITTALS:
SHOP DRAWINGS PREPARED AND SEALED BY A CONNECTICUT LICENSED STRUCTURAL ENGINEER, INCLUDING LARGE SCALE DETAILS OF KEY BUILDING COMPONENTS & ASSEMBLIES, ROOF AND WALL FRAMING, LATERAL BRACING, SAMPLES OF SIDING AND ROOFING MATERIALS, SHOP DRAWINGS OF THE OVERHEAD DOOR, SHOP DRAWINGS OF THE WINDOW ASSEMBLIES, ETC.

1.3 METAL BUILDING MATERIALS:
ROOF AND WALL PANELS SHALL BE 26 GA. MIN. G60 GALVANIZED STEEL WITH A MINIMUM BARE STEEL THICKNESS OF .0170" AND VALSPAR PAINT SYSTEM CONSISTING OF FLOUROPON POLYNINYLIDENE FLOURIDE (PVDF) WARRANTEED FOR 40 YEARS (CHECKING, CRACKING AND LOSS OF ADHESION, IE., PEELING); 30 YEARS (CHALKING–ASTM D4214–98/AD659 RATING STANDARD) 30 YEARS AGAINST FADING–BOTH ROOF AND WALLS (HUNTER DELTA E UNITS RATING STANDARD); 5 YEARS AGINST RED RUST (NOT TO EXCEED 1/2" OR MORE).
STEEL ROOF AND WALL PANELS ARE TO BE 36" WIDE WITH MAIN RIBS 7/8" HIGH AT 12" OC AND MINOR STIFFENING RIBS, NINE PER 36" WIDE PANEL, EXCLUSIVE OF THE MAIN RIBS.
ROOF PANELS SHALL BE CONTINUOUS FROM EAVE TO RIDGE, WITHOUT SPLICES OR TRANSVERSE SEAMS.
WALL PANELS SHALL BE CONTIUOUS FULL HEIGHT, WITHOUT SPLICES OR SEAMS.
ALUMINUM SOFFITS AND RIDGE ASSEMBLIES SHALL BE VENTED AND SHALL MATCH THE ROOF AND WALL PANELS.

COLORS:
COLOR FOR BOTH ROOF AND WALL PANELS SHALL BE "WHITE SAND"
COLOR FOR WINDOWS SHALL BE "HAYFIELD BEIGE"
COLOR FOR ENTRY DOORS SHALL BE A CUSTOM COLOR MATCH TO THE WINDOWS.

2.1 MOTORIZED AND INSULATED OVERHEAD DOORS
THE MOTORIZED AND INSULATED OVERHEAD DOORS SHALL BE SERIES 591 THERMACORE SECTIONAL DOORS AS MANUFACTURED BY OVERHEAD DOOR CORPORATION (NO SUBSTITUTIONS). DOOR STANDARD TO INCLUDE THE FOLLOWING; .016" THICK ROLL FORMED HOT–DIPPED GALVANIZED, RIBBED FACED STEEL SECTIONS, WITH METAL/FOAM/METAL SANDWICH, FOAMED IN PLACE HOMOGENEOUS CFC/HCFC FREE POLYURETHANE INSULATION. WITH AN R VALUE OF 14.86 MINIMUM. SECTION THICKNESS 1 5/8" AND ALL SECTIONS FITTED WITH TUBE SEALS TO WEATHER STRIP EACH JOINT. AIR INFILTRATION SHALL BE .08CFM OR LESS PER SF OF DOOR AT 15 MPH AND WITH A CLASS 26 SOUND TRANSMISSION.
END STILES SHALL BE 16 GA STEEL WITH HINGES AND FIXTURES OF GALVANIZED STEEL AND AN EPDM THERMAL BREAK TO BE PROVIDED BETWEEN EXTERIOR AND INTERIOR SKINS TO PREVENT THERMAL TRANSMISSION.
DOOR ASSEMBLY SHALL ALSO INCLUDE A WATER CHANNEL TO TO PROVIDE FOR DRIP–FREE OPENING.
LIMITED 10 YEAR WARRANTY AGAINST PANEL DELAMINATION OF FOAM AND STEEL SKINS. BAKED ON POLYESTER FINISH. COLOR TO BE SELECTED FROM THE FULL RANGE OF STANDARD COLORS. ALL DOORS TO INCLUDE THERMAL ACRYLIC LITES AS INDICATED ON THE DRAWINGS.
TORSION SPRINGS SHALL BE PROVIDED TO WORK WITH THE NEW DOOR AND OPERATORS. SECURE TO A HEADER IN SUCH A FASHION AS TO ASSURE A SECURE AND DURABLE INSTALLATION.

ALL DOORS ARE TO BE PROPERLY WEATHER STRIPPED ON THE TOPS AND SIDES WITH A BOTTOM SEAL ON THE BOTTOM SECTION. WEATHER STRIPPING TO BE INSTALLED TO ASSURE THERE IS NO AIR GAP BETWEEN THE DOOR AND JAMB, THE DOOR AND SILL OR THE DOOR AND HEAD.

2.2 ELECTRIC OPERATORS FOR MOTORIZED DOORS:
PROVIDE AND INSTALL MODEL RSX COMMERCIAL OPERATOR AS MANUFACTURED BY OVERHEAD DOOR COMPANY.
1/2HP SINGLE PHASE (115/208/230V) MODEL, TROLLEY MOUNT WITH QUICK DISCONNECT DOOR ARM FOR EMERGENCY OPERATION. INCLUDE STOP–OPEN–CLOSE PUSHBUTTON CONTROL SET UP TO RUN AS CONSTANT CONTACT CLOSE AND MOMENTARY CONTACT OPEN. UL 325 2010 COMPLIANT. ON BOARD RADIO RECEIVER. LCD CYCLE COUNTER. WARRANTY 2 YEARS OR 20,000 CYCLES.

2.2 MOTORIZED AND INSULATED OVERHEAD DOORS SUBMITTALS
PROVIDE SHOP DRAWINGS OF THE DOOR AND OPERATOR INCLUDING LARGE SCALE DETAILS ILLUSTRATING THE INTERFACE WITH ADJACENT CONSTRUCTION.
SUBMIT WIRING DIAGRAMS.

3.1 DOOR HARDWARE
PROVIDE AND INSTALL SARGENT SERIES 6500 LEVER LOCKSETS AT BOTH DOORWAYS. SATIN STAINLESS STEEL FINISH. FINISH. COORDINATE KEYING WITH OWNER.

3.2 FIELD PAINTING
PAINT ALL EXPOSED STRUCTURAL STEEL INSIDE THE BUILDING WITH 2 COATS OF BENJAMIN MOORE SUPER SPEC HP DTM ACRYLIC GLOSS ENAMEL P28. COLOR SAFTEY YELLOW.
PAINT THE GALVANIZED STEEL BOLLARDS OUTSIDE THE BUILDING WITH TWO COATS OF BENJAMIN MOORE SUPER SPEC HP DTM ACRYLIC GLOSS ENAMEL P28. COLOR SAFETY YELLOW. ALL GALVANIZED SURFACES MUST BE THOROUGHLY CLEANED WITH BENJAMIN MOORE OIL AND GREASE EMULSIFIER 9P83) TO REMOVE CONTAMINANTS PRIOR TO PAINTING. BOLLARDS SHALL BE SCHEDULE 40 STEEL WITH CONCRETE FILL DOMED ON TOP TO SHED WATER.
EQUAL PRODUCTS BY SHERWIN WILLIAMS OR PITTSBURGH PAINTS MAY BE UTILIZED SUBJECT TO PRIOR APPROVAL OF THE ARCHITECT.

3.3 PERIMETER BOARD INSULATION
INSULATION SHALL BE EXTRUDED POLYSTYRENE BOARD TYPE. ASTM C 578, WITH AN R VALUE OF 5 PER INCH AND A DENSITY OF 1.60 # PER CUBIC FOOT. ACCEPTABLE MANUF. INCLUDE DOW, OWENS CORNING & DIVERSIFOAM.

SPECIAL NOTES

1. COORDINATE PREFABRICATED WOOD FRAMED BUILDING ASSEMBLY WITH CONCRETE, STEEL AND WOOD FRAMING WORK. PLEASE REFER TO ATTACHED STRUCTURAL DRAWINGS.
2. COORDINATE WORK WITH FLOOR DRAIN, POWER AND LIGHTING WORK. PLEASE REFER TO ATTACHED MEP DRAWINGS.
3. COORDINATE WORK WITH SITEWORK BEING PERFORMED BY THE TOWN'S OWN FORCES INCLUDING UTILITY WORK, GRADING AND PAVING. LIMITED SITE WORK INCLUDING NEW LATERALS TO THE SANITARY LINE AND STORM DRAINAGE REMOVAL OF STORM LINE UNDER NEW FOUNDATION AND SLAB AND ASSOCIATD WORK ARE INCLUDED IN THIS CONTRACT. PLEASE REFER TO THE ATTACHED SITE PLAN.

REVISIONS

TOWN OF GLASTONBURY
PARKS and RECREATION STORAGE BUILDING
New London Turnpike
Glastonbury, Connecticut

STATE OF CONNECTICUT
RICHARD B. BRYON
NO. 21541
LICENSED ARCHITECT

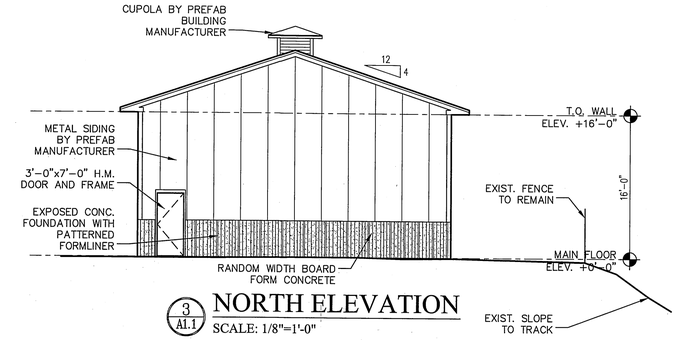
moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
FLOOR PLANS
ROOF PLAN

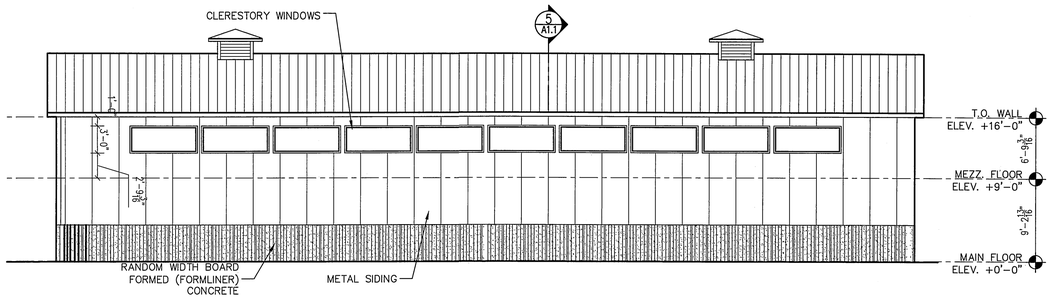
DATE 03/12/2014

DWG. NO.
A1.0

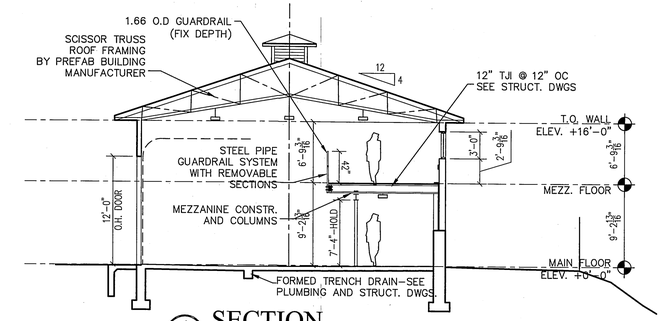
1 A1.1 EAST ELEVATION
SCALE: 1/8"=1'-0"



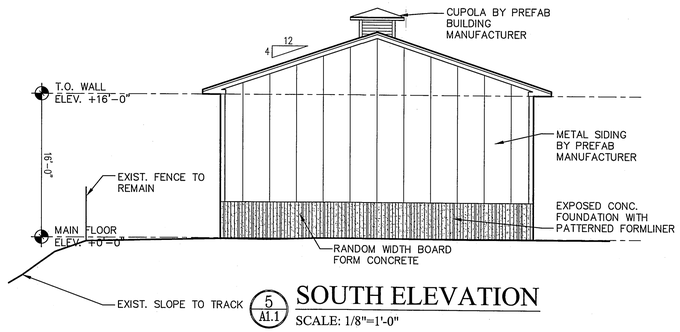
3 A1.1 NORTH ELEVATION
SCALE: 1/8"=1'-0"



2 A1.1 WEST ELEVATION
SCALE: 1/8"=1'-0"



4 A1.1 SECTION
SCALE: 1/8"=1'-0"



5 A1.1 SOUTH ELEVATION
SCALE: 1/8"=1'-0"

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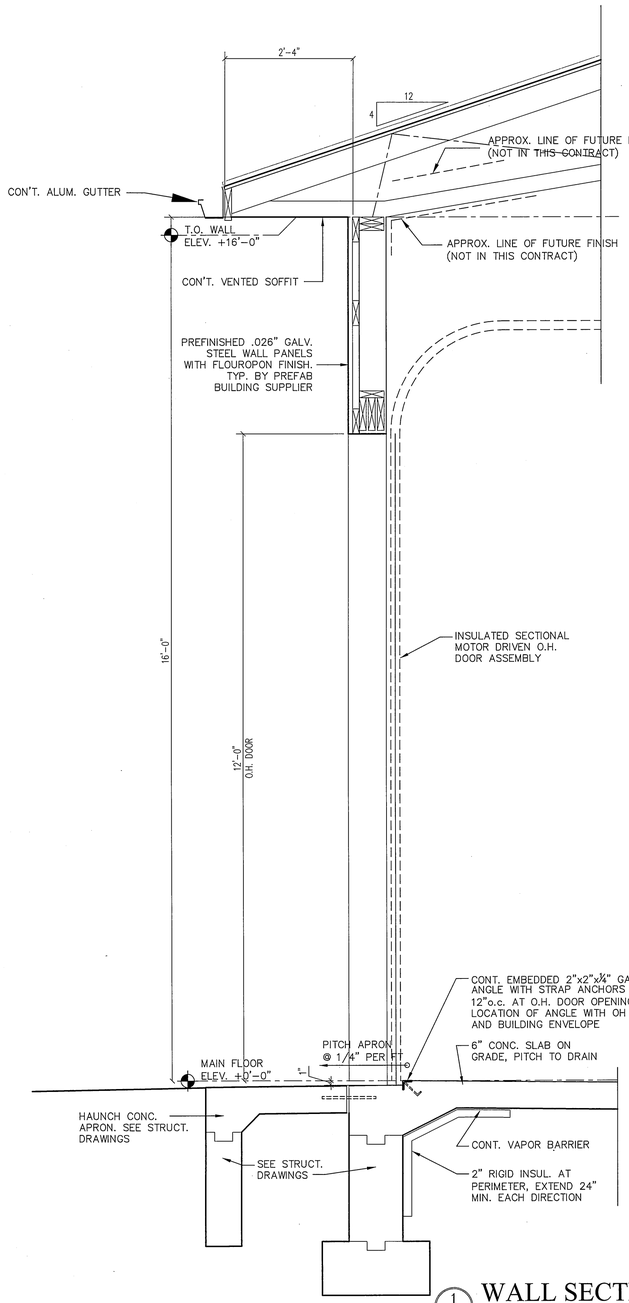
STATE OF CONNECTICUT
RICHARD B. BROWN
REG. NO. 515A
LICENSED ARCHITECT

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

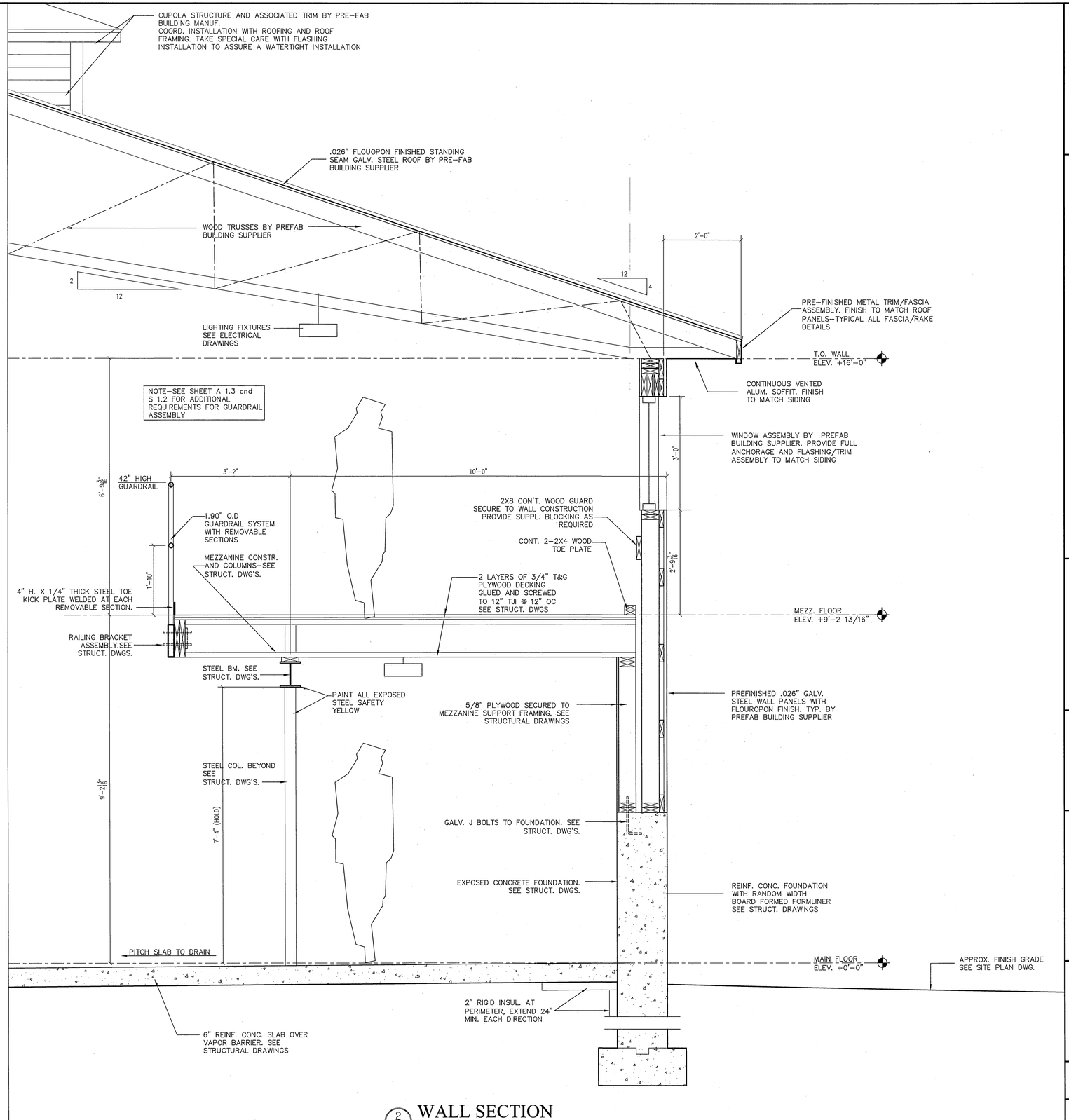
TITLE
ELEVATIONS

DATE 03/12/2014

DWG. NO.
A1.1



1 A1.2 **WALL SECTION**
SCALE: 3/4"=1'-0"



2 A1.2 **WALL SECTION**
SCALE: 3/4"=1'-0"

REVISIONS

TOWN OF GLASTONBURY

PARKS and RECREATION STORAGE BUILDING

New London Turnpike
Glastonbury, Connecticut

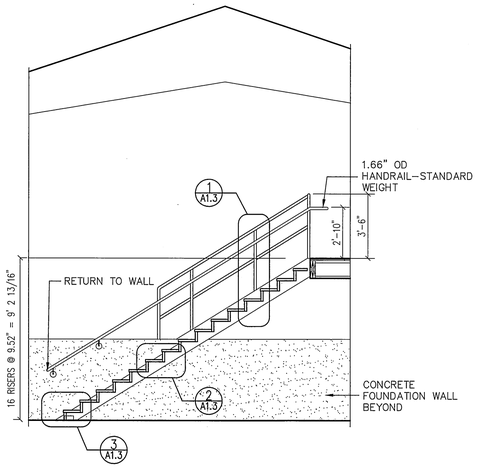
STATE OF CONNECTICUT
RICHARD B. BROWN
REG. NO. 5154
LICENSED ARCHITECT

moser pilon nelson
architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
WALL SECTIONS

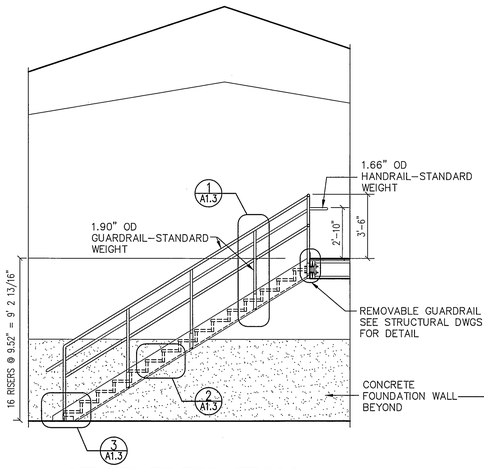
DATE 03/12/2014

DWG. NO.
A1.2



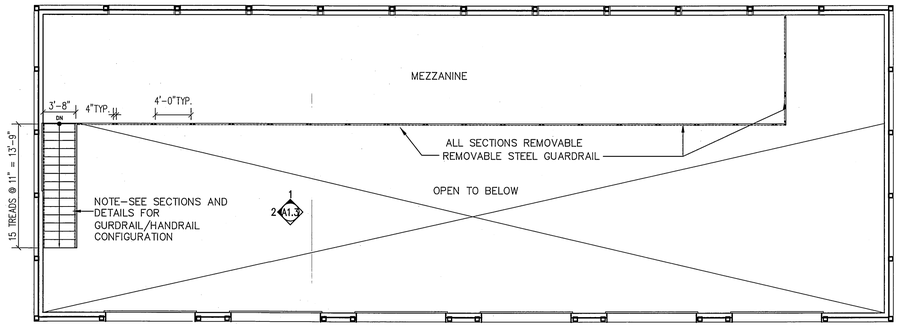
2 A1.3 STAIR ELEVATION

SCALE: 1/4"=1'-0"



2 A1.3 STAIR ELEVATION

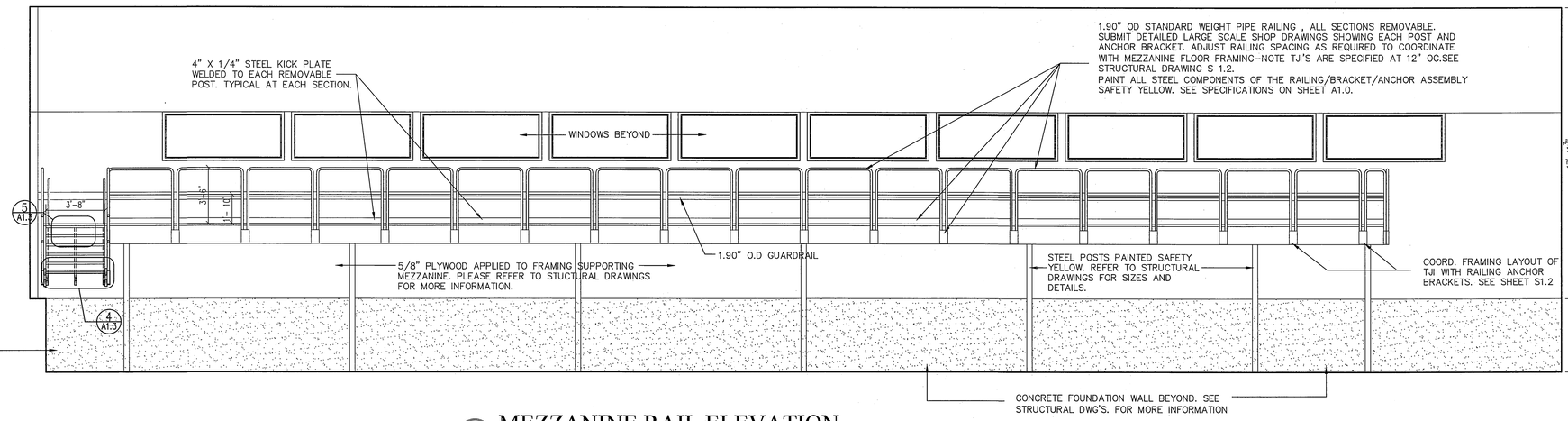
SCALE: 1/4"=1'-0"



PROJECT NORTH

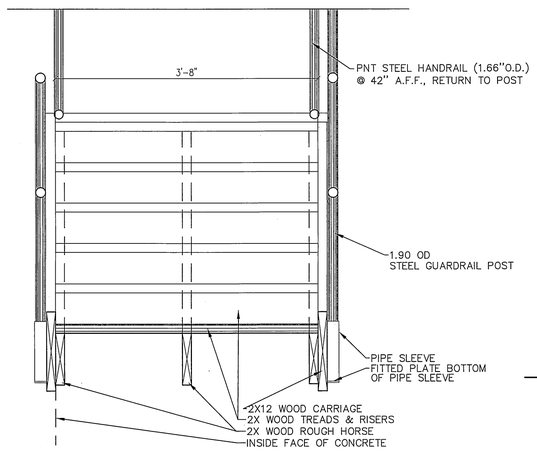
8 A1.2 MEZZANINE FLOOR PLAN

SCALE: 1/8"=1'-0"



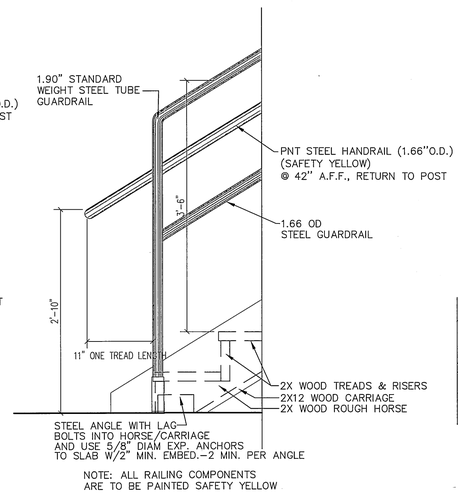
1 A1.3 MEZZANINE RAIL ELEVATION

SCALE: 1/4"=1'-0"



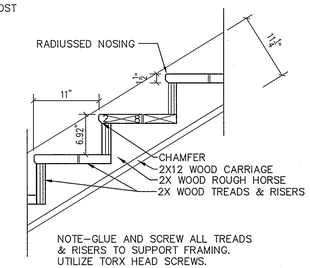
4 A1.3 STAIR DETAIL

SCALE: 1"=1'-0"



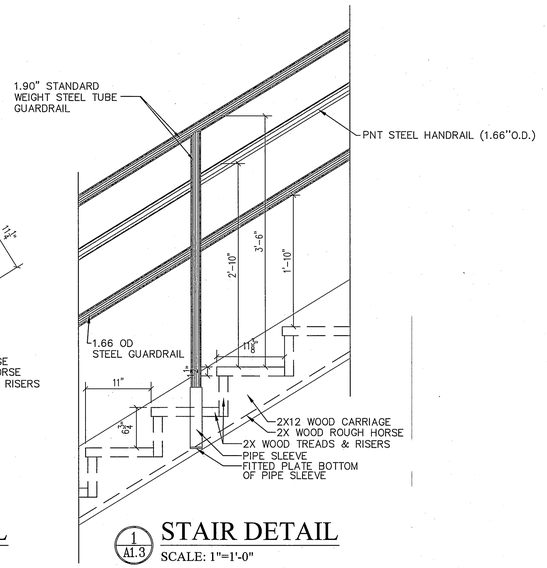
3 A1.3 STAIR DETAIL

SCALE: 1"=1'-0"



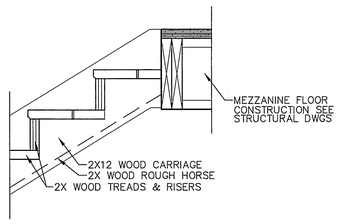
2 A1.3 STAIR DETAIL

SCALE: 1"=1'-0"



1 A1.3 STAIR DETAIL

SCALE: 1"=1'-0"



5 A1.3 STAIR DETAIL

SCALE: 1"=1'-0"

REVISIONS

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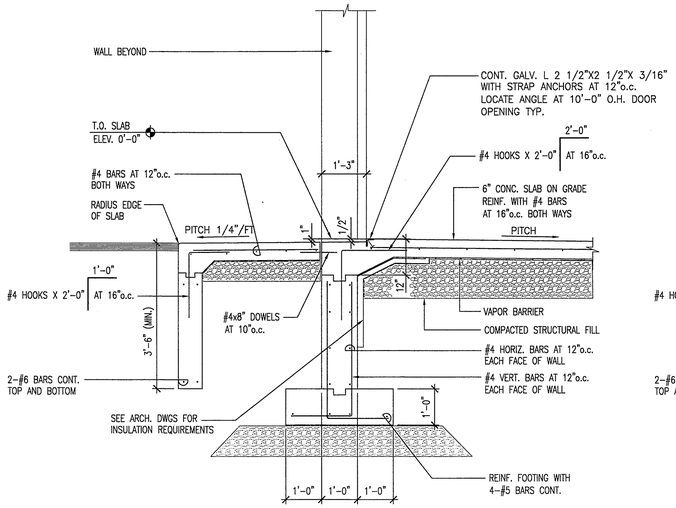
LICENSED ARCHITECT

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

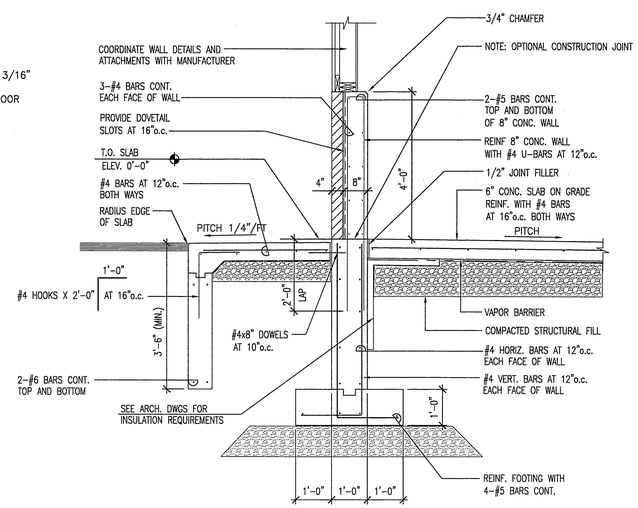
TITLE
MEZZANINE PLAN

DATE 03/12/2014

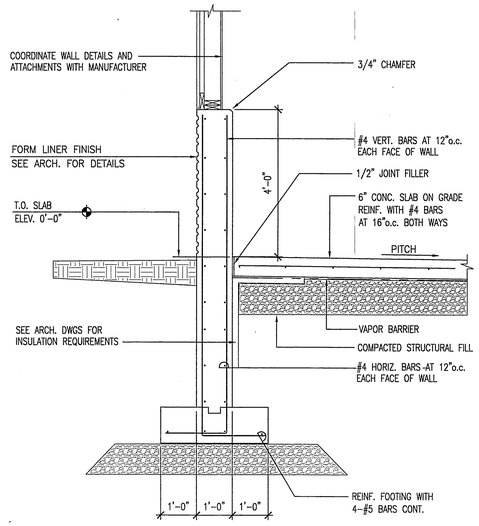
DWG. NO.
A1.3



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



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



3 SECTION
SCALE: 1/2"=1'-0"

FOUNDATION GENERAL NOTES

1. ALL FOOTINGS SHALL BE PLACED ON A MINIMUM OF 12" LAYER OF COMPACTED STRUCTURAL FILL.
2. ALL SLABS SHALL BE PLACED ON A MINIMUM OF 16" LAYER OF CONTROLLED FILLS COMPACTED IN PLACE. SEE TYPICAL SLAB DETAIL. SLABS ARE TO BE PLACED OVER A 15 MIL STEGO WRAP VAPOR BARRIER BY STEGO INDUSTRIES OR APPROVED EQUAL.
3. ALL COLUMN LINES, BUILDING DIMENSIONS, ANCHOR BOLT TEMPLATES AND ELEVATIONS ARE TO BE COORDINATED WITH THE BUILDING SUPPLIER PRIOR TO BEGINNING WORK.
4. ALL FOUNDATIONS ARE TO BE PLACED ON UNDISTURBED MATERIALS MEETING THE MINIMUM ALLOWABLE BEARING PRESSURE INDICATED IN DESIGN PARAMETERS. ENGINEER IS TO BE NOTIFIED IF UNSUITABLE MATERIALS ARE ENCOUNTERED DURING EXCAVATION.
5. PRIOR TO EXCAVATING, THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF ALL UNDERGROUND UTILITIES.
6. ALL BOTTOM OF FOOTING ELEVATIONS TO BE A MINIMUM OF 3'-6" BELOW FINAL GRADE UNLESS OTHERWISE NOTED ON THE PLAN.
7. THE SUPERSTRUCTURE IS NOT TO BE ERECTED UNTIL THE FOOTINGS HAVE REACHED THEIR DESIGN STRENGTH, AND HAVE BEEN FULLY BACKFILLED.
8. [-2'-0"] INDICATES BOTTOM OF FOOTING ELEVATION.
9. C.J. INDICATES 1 1/2" DEEP SAWCUT CONTROL JOINT. JOINTS TO BE CUT WITHIN 24 HOURS OF PLACING SLAB.
10. ALL INTERIOR SLABS TO RECEIVE STEEL TROWEL FINISH. APRONS TO RECEIVE BROOM FINISH. ALL SLABS TO BE SEALED WITH AN APPROVED VOC COMPLIANT SEALER WITH MINIMUM 30% SOLIDS MEETING ASTM C4587.
11. ALL EXPOSED CONCRETE TO CONTAIN A MINIMUM AIR CONTENT OF 5%.

DESIGN PARAMETERS

1. ALL FOUNDATION AND SLAB CONCRETE TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
2. ALLOWABLE BEARING PRESSURE 4,000 PSF. ENGINEER TO VISUALLY INSPECT CONDITION OF BEARING SUBGRADE PRIOR TO PLACING CONCRETE.
3. REINFORCED STEEL TO CONFORM TO THE REQUIREMENTS OF A.S.T.M. A615 GRADE 60.
4. ALL GROUT TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
5. BASIC LATERAL SYSTEM – TIMBER SHEAR WALLS.
6. ALL STEEL TO MEET THE REQUIREMENTS OF ASTM A992 OR ASTM A55 GRADE B. ALL STRUCTURAL STEEL IS TO BE PRIMED. PRIMER SHALL BE COMPATABLE WITH PAINT TOP COAT.
7. DESIGN WIND LOAD REQUIREMENTS:
   BASIC WIND SPEED = 100 MPH (GLASTONBURY)
   EXPOSURE CATEGORY C (IBC 1609.4)
   SEISMIC SOIL CLASIFICATION "D".
8. DESIGN GRAVITY LOAD REQUIREMENTS:
   ROOF LOAD = 30 PSF TOP CHORD, 10 PSF BOTTOM CHORD.
   MEZZANINE LIVE LOAD = 100 PSF
   SLAB ON GRADE = 250 PSF

CODES AND STANDARDS

2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENT AND 2009 AMENDMENT
AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI-318-02)
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC-13TH EDITION)
STEEL DECK INSTITUTE REQUIREMENTS
STEEL JOIST INSTITUTE REQUIREMENTS
ACI 530-02 / ASCE 5-02 / TMS 402-02 MASONRY CODES
ACI 530.1-02 / ASCE 7-02 / TMS 602-02 MASONRY SPECIFICATIONS

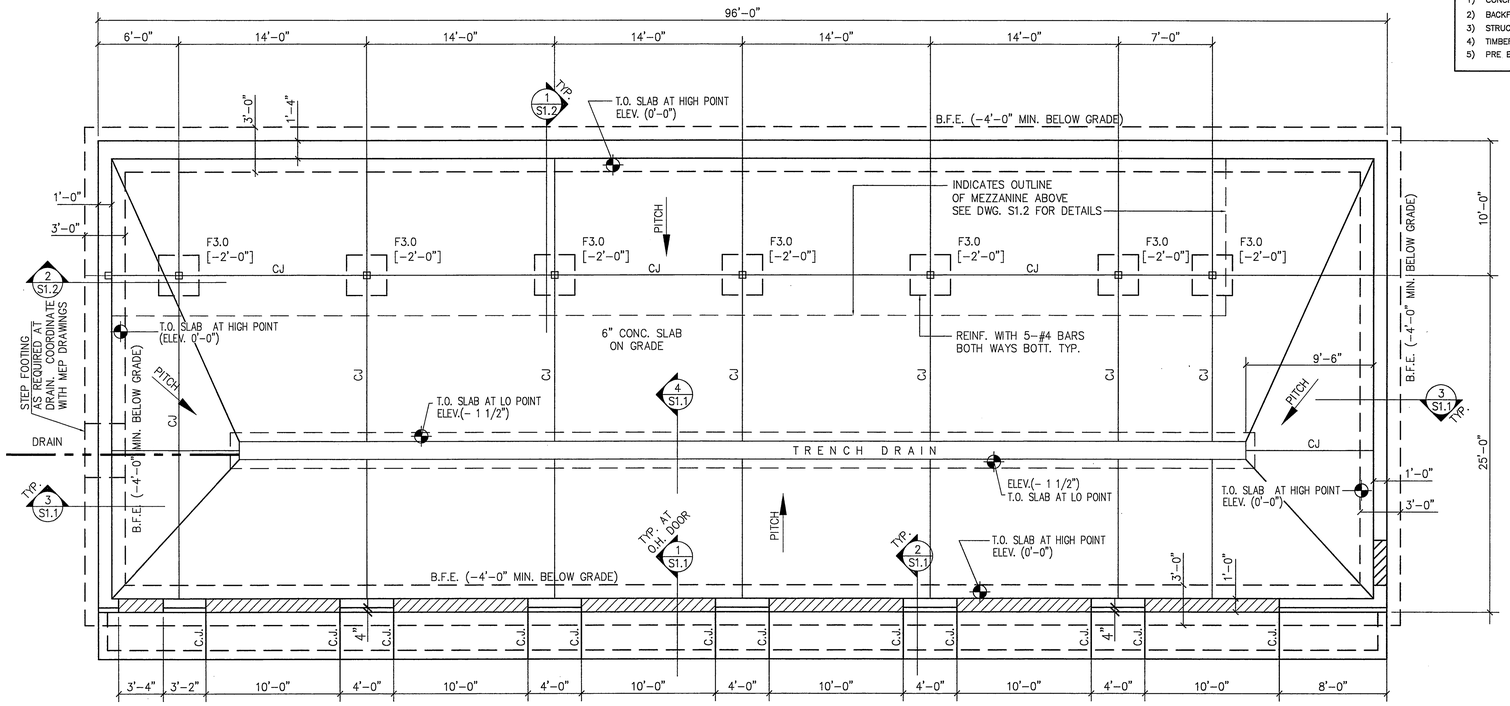
REQUIRED SUBMITTALS

1) CONCRETE, CONCRETE REINFORCING, AND CONCRETE ADMIXTURES.
2) BACKFILL MATERIALS.
3) STRUCTURAL STEEL
4) TIMBER FRAMING.
5) PRE ENGINEERED BUILDING FRAMING AND COMPONENTS.

STRUCTURAL FILL GRADATION SCHEDULE

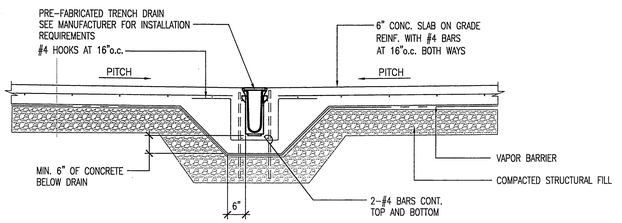
SIEVE SIZE	PERCENT FINER BY WEIGHT
3.5	100
3/4"	50 TO 100
No. 4	25 TO 100

FRACTION PASSING No. 4 SIEVE SHALL HAVE LESS THAN 15% PASSING THE No. 200 SIEVE. FILL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY.

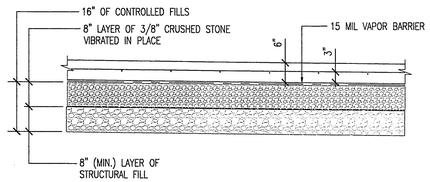


PROJECT NORTH

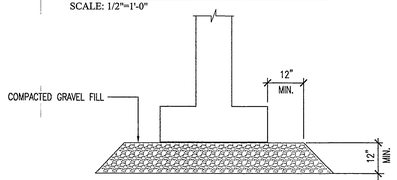
FOUNDATION PLAN
SCALE: 3/16"=1'-0"



4 SECTION
SCALE: 1/2"=1'-0"



TYPICAL SLAB FILL DETAIL
SCALE: 1/2"=1'-0"



TYPICAL FOOTING BEARING DETAIL
SCALE: 1/2"=1'-0"

REVISIONS

TOWN OF GLASTONBURY
PARKS and RECREATION STORAGE BUILDING
New London Turnpike
Glastonbury, Connecticut

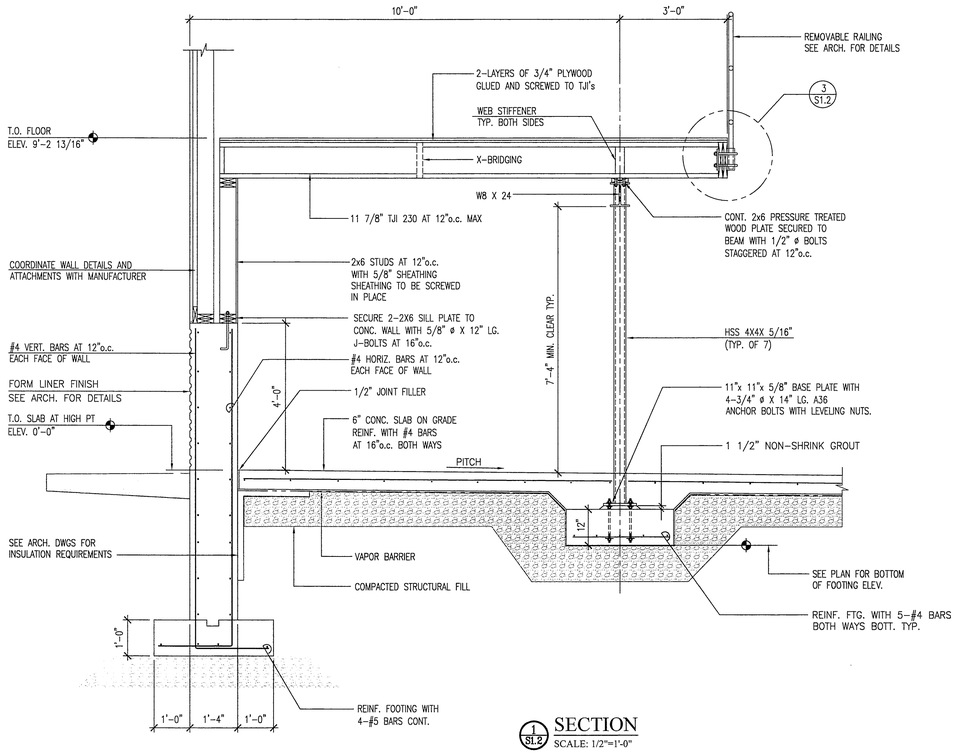
STATE OF CONNECTICUT · MICHAEL R. PILON · No. 17241 · LICENSED PROFESSIONAL ENGINEER

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-0164

TITLE
FOUNDATION PLAN AND DETAILS

DATE 03/12/2014

DWG. NO.
S1.1



1 S1.2 SECTION
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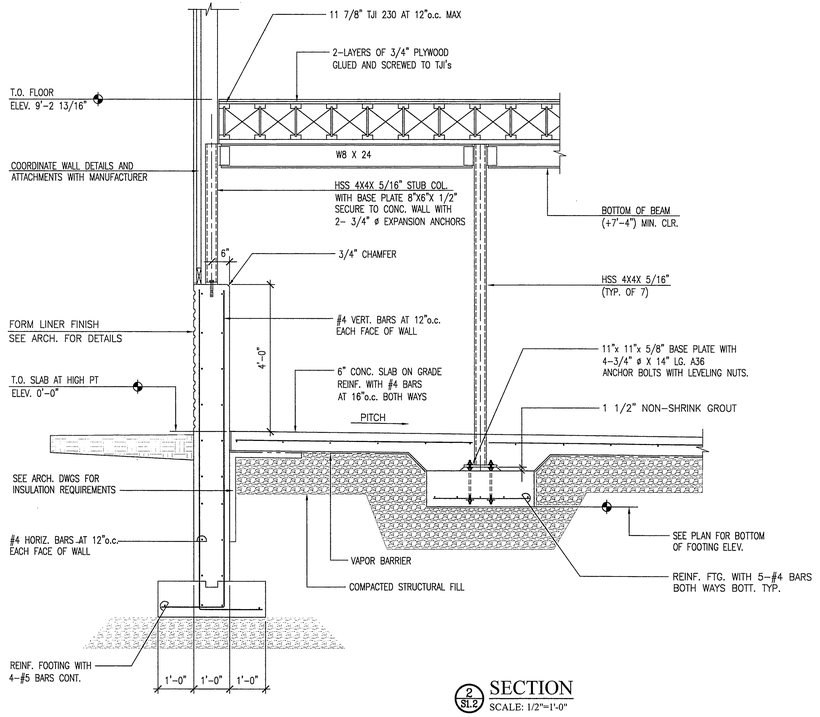

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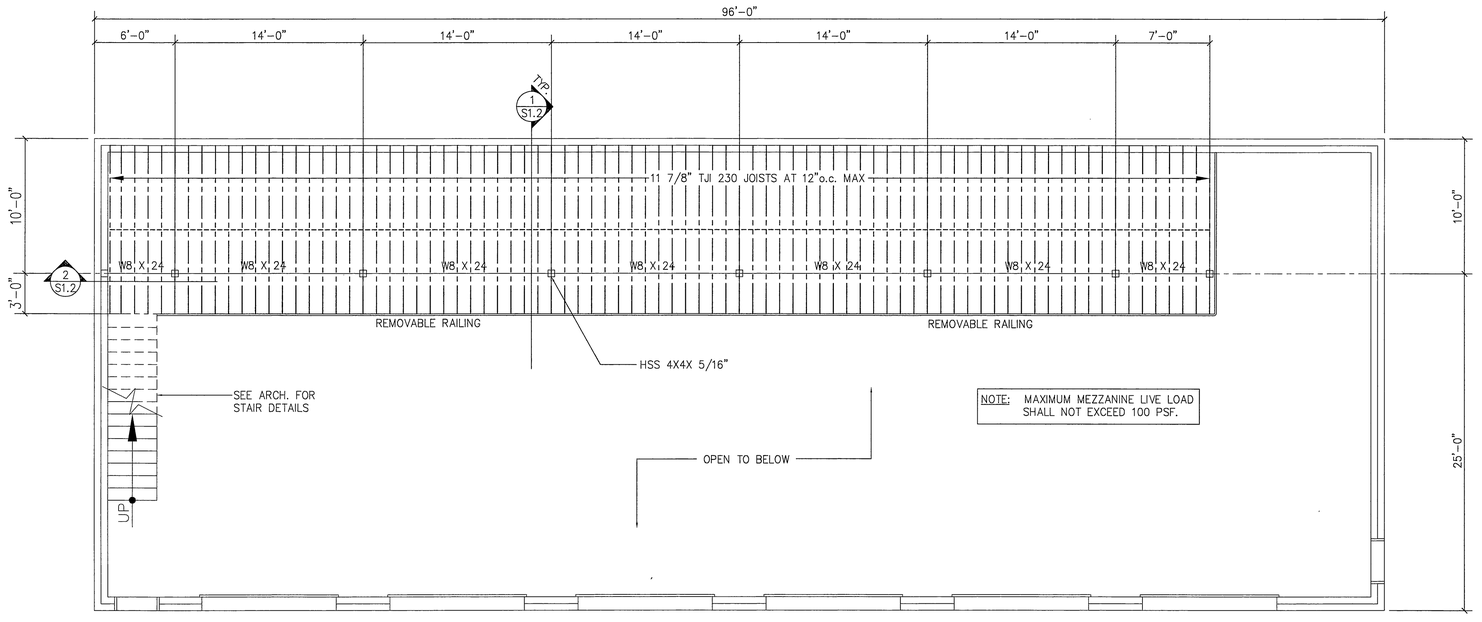
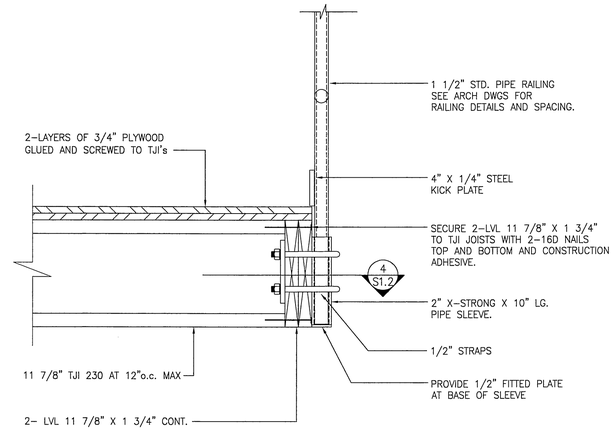
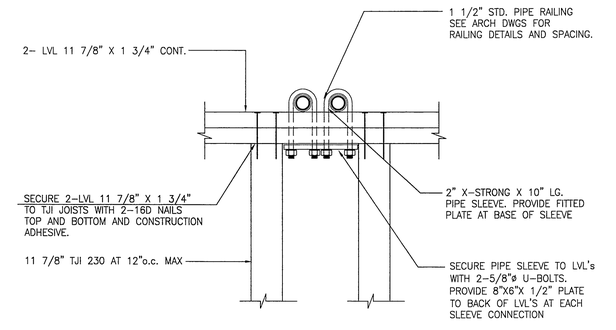


PROJECT NORTH

MEZZANINE FRAMING PLAN
SCALE: 3/16"=1'-0"



3 S1.2 SECTION
SCALE: 1 1/2"=1'-0"



4 S1.2 SECTION
SCALE: 1 1/2"=1'-0"

REVISIONS

TOWN OF GLASTONBURY

PARKS and RECREATION STORAGE BUILDING

New London Turnpike
Glastonbury, Connecticut

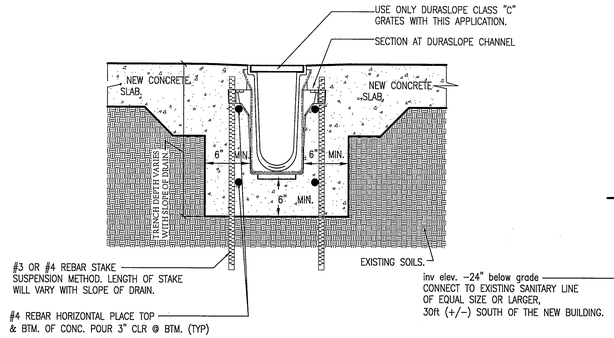
STATE OF CONNECTICUT
WILLIAM R. PILON
No. 17241
LICENSED
PROFESSIONAL ENGINEER

moser pilon nelson
architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-8164

TITLE
FRAMING PLANS
AND DETAILS

DATE 03/12/2014

DWG. NO.
S1.2

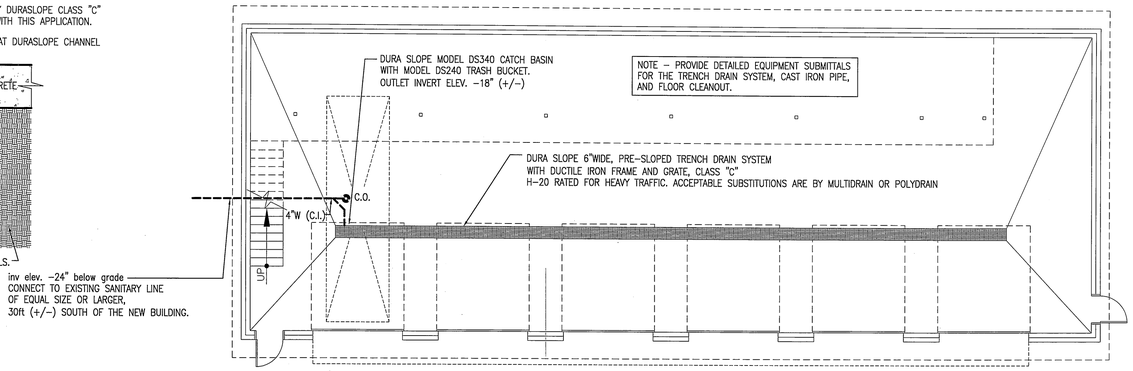


NOTE:
CHANNELS TO BE INSTALLED WITH BLANK GRATE. GRATE TO BE PROTECTED FROM CONCRETE POUR (COVER HOLES WITH TAPE).

SET TRENCH DRAIN IN CHANNEL SURROUNDED BY 6" OF CONCRETE OR THICKNESS OF THE CONCRETE SLAB WITH A MINIMUM OF 3,500 P.S.I. AVOID FULL LOAD TRAFFIC FOR 28 DAYS OR UNTIL CONCRETE HAS COMPLETELY HARDENED.

TYPICAL DURASLOPE INSTALLATION

CLASS "C" 6" LOAD APPLICATION FOR CONCRETE / REBAR SUSPENSION METHOD.
NO SCALE



MAIN LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PROJECT NORTH

REVISIONS

TOWN OF GLASTONBURY

PARKS and RECREATION STORAGE BUILDING

New London Turnpike
Glastonbury, Connecticut

BEMIS | ASSOCIATES, LLC
Consulting Engineers
185 Main Street
Farmington, Ct 06032
(860) 667-3233
Fax (860) 217-7070
www.bemisassociates.com

STATE OF CONNECTICUT
JOSEPH DRAGONETTI
NO.18990
LICENSED PROFESSIONAL ENGINEER

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
PLUMBING PLAN

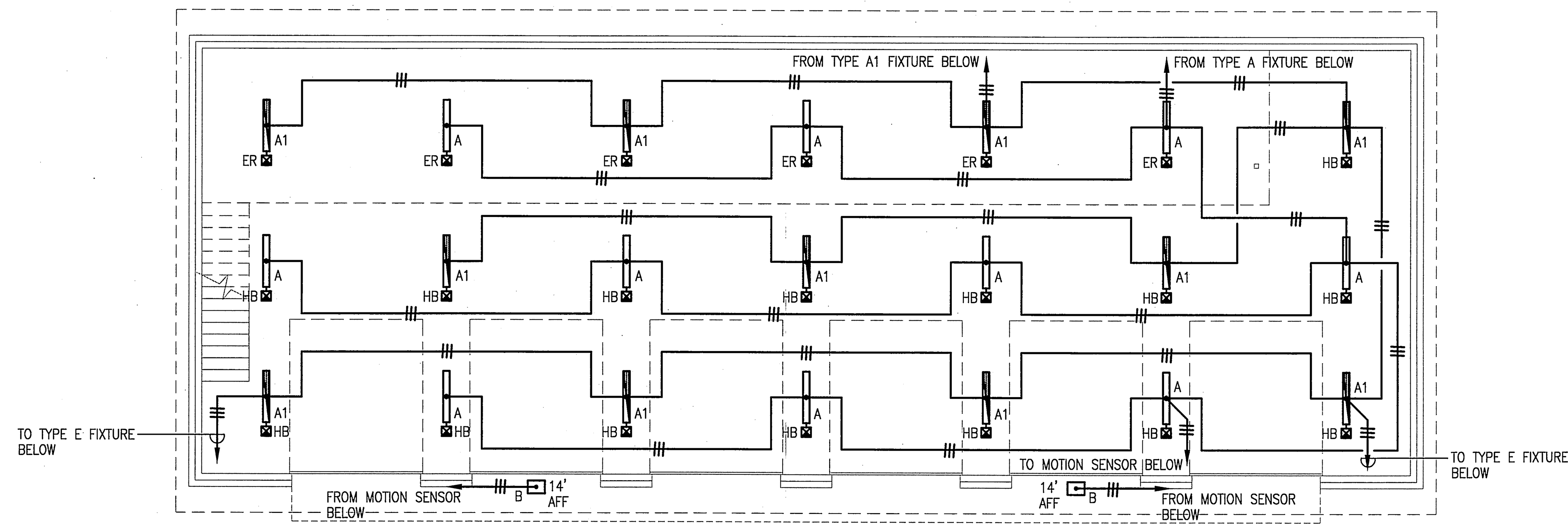
DATE 3/12/2014

DWG. NO.
PL1.1

LIGHT FIXTURE SCHEDULE				
TYPE	DESCRIPTION, MANUFACTURE, AND MODEL #	LAMP	FIXTURE WATTS	REMARKS
A	4'L X 6 7/9"W X 4 3/8"D ENCLOSED AND GASKETED LED INDUSTRIAL FIXTURE WITH FIBERGLASS HOUSING (WHITE FINISH), IMPACT RESISTANT LINEAL RIBBED FROSTED ACRYLIC LENS WITH STAINLESS STEEL LATCHES, FIXED OUTPUT LED DRIVER (120–277V), AND CHAIN HANGER KIT. COLUMBIA #LXEM4–35ML–RFA–EU–SSL–XEHC.	LED'S, 4900 LUMENS, 3500°K	53	–
A1	4'L X 6 7/9"W X 4 3/8"D ENCLOSED AND GASKETED LED INDUSTRIAL FIXTURE WITH FIBERGLASS HOUSING (WHITE FINISH), IMPACT RESISTANT LINEAL RIBBED FROSTED ACRYLIC LENS WITH STAINLESS STEEL LATCHES, FIXED OUTPUT LED DRIVER (120–277V), AND CHAIN HANGER KIT. COLUMBIA #LXEM4–35ML–RFA–EU–SSL–XEHC.	LED'S, 4900 LUMENS, 3500°K	53	–
B	16"W X 12 1/8"D X 9"H FULL CUT–OFF LED WALLPACK WITH DIE–CAST ALUMINUM CONSTRUCTION (GRAY FINISH), 30 HIGH POWER LED'S, TYPE 3 DISTRIBUTION, AND ELECTRONIC DRIVER (120–277V). HUBBELL #LMC–30LU–5K–3–3.	30 LED'S, 4674 LUMENS, 5000K	71	–
C	9"W X 9 1/2"D X 7.2"H FULL CUT–OFF LED WALLPACK WITH DIE–CAST ALUMINUM CONSTRUCTION (GRAY FINISH), IMPACT RESISTANT CLEAR GLASS LENS, LED DRIVER (120–277V), AND 277V PHOTOCELL. HUBBELL #LCC–12LU–5K–3–PC4.	12 LED'S, 820 LUMENS, 5000K	12.8	–
E	14 11/16"W X 9 7/16"H X 3" THICK WALL MOUNT SEVERE CONDITION SINGLE FACE LED EXIT SIGN WITH DIE–CAST ALUMINUM HOUSING (WHITE FINISH), POLYCARBONATE FACE–PLATE, RED LETTERS, AND DUAL 120/277V INPUT. DUAL LITE #SEWLSRW.	RED LED'S	2.1	INSTALL WITH CENTER AT 8' AFF.

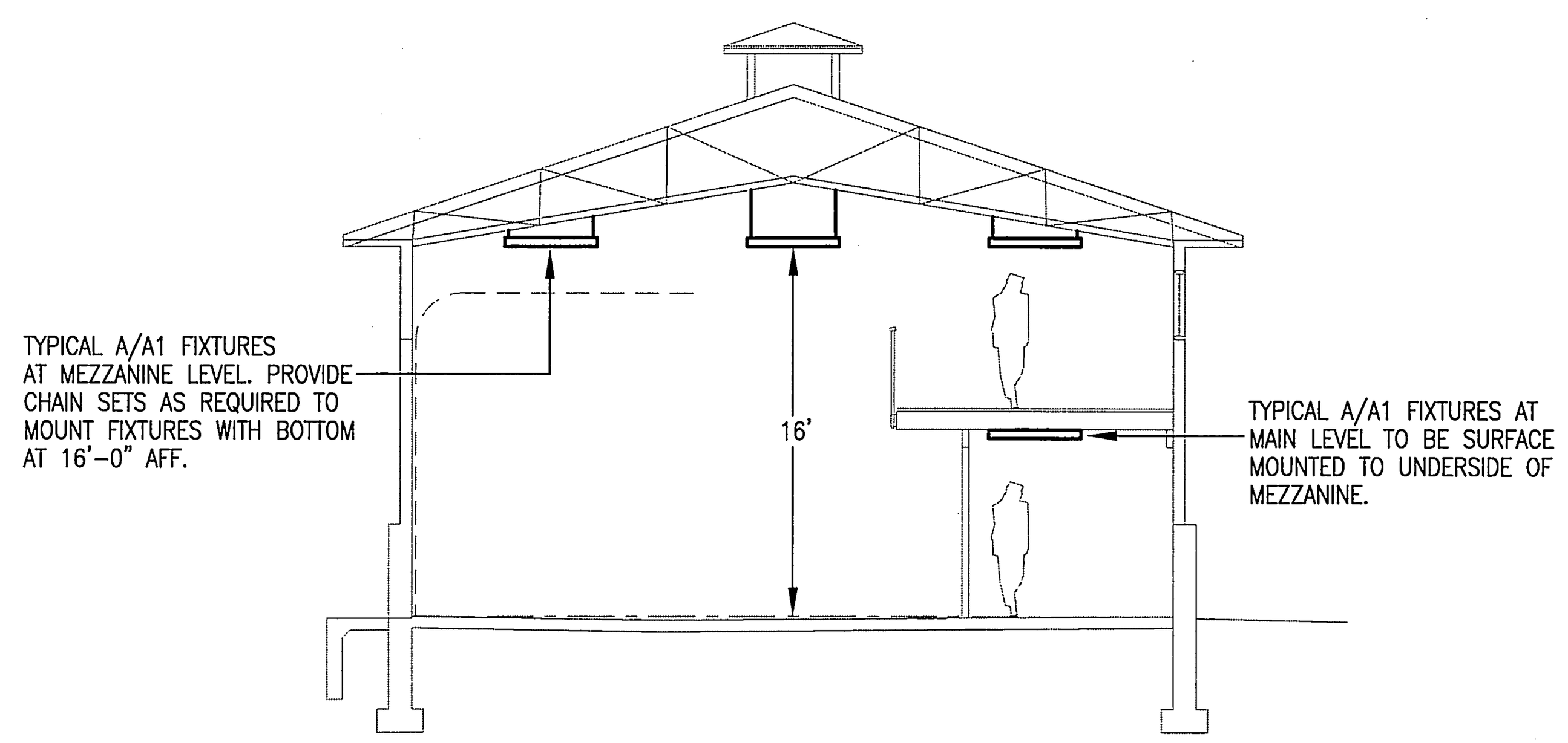
GENERAL SPECIFICATION NOTES – LIGHTING

1 – PROVIDE LIGHT FIXTURES OF THE TYPES SHOWN AND SCHEDULED ON THE DRAWINGS, OR APPROVED EQUAL, COMPLETE WITH DRIVERS AND LED'S.
2 – THE LIGHT FIXTURE SCHEDULE IS INTENDED TO INDICATE STYLE, QUALITY, AND PERFORMANCE FOR EACH FIXTURE TYPE LISTED. IN ALL CASES THE SPECIFIED FIXTURE SHALL SERVE AS THE STANDARD BY WHICH ANY PROPOSED EQUAL FIXTURE WILL BE JUDGED. IT SHALL BE INCUMBENT UPON THE CONTRACTOR TO DEMONSTRATE THE EQUALITY OF ANY PROPOSED SUBSTITUTE FIXTURE.
3 – FURNISH TO OWNER ON DATE OF FINAL ACCEPTANCE OF PROJECT, ONE SPARE LIGHT FIXTURE OF EACH TYPE SCHEDULED.
4 – PROVIDE SPECIAL FITTINGS AND MATERIALS AS REQUIORED TO PROPERLY SUPPORT FIXTURES. INSTALL FIXTURES SO THAT THE WEIGHT OF THE FIXTURE IS SUPPORTED, EITHER DIRECTLY OR INDIRECTLY, BY A SOUND AND SAFE STRUCTURAL MEMBER OF THE BUILDING, USING ADEQUATE NUMBER AND TYPE OF FASTENINGS TO ASSURE A SAFE INSTALLATION IN CONFORMANCE WITH CODE.
5 – BRANCH CIRCUIT WIRING AND ARRANGEMENT OF HOME RUNS HAS BEEN DESIGNED FOR MAXIMUM ECONOMY CONSISTENT WITH ADEQUATE SIZING FOR VOLTAGE DROPS, CIRCUIT AMPACITIES AND OTHER CONSIDERATIONS. INSTALL THE WIRING WITH CIRCUITS ARRANGED AS SHOWN ON THE DRAWINGS, EXCEPT AS APPROVED IN ADVANCE BY THE ARCHITECT AND ENGINEER. DO NOT MAKE CHANGES AND REARRANGE CIRCUITS WITHOUT PRIOR APPROVAL. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH 120V SINGLE PHASE CIRCUIT. DO NOT USE A COMMON NEUTRAL FOR GROUPS OF CIRCUITS. PROVIDE A SEPARATE GROUND WIRE FOR EACH CIRCUIT. MAINTAIN CODE REQUIRED SEPARATION OF NORMAL AND EMERGENCY POWER WIRING.
6 – PROVIDE DETAILED SUBMITTALS FOR THE LIGHT FIXTURES BEING PROVIDED UNDER THIS CONTRACT.



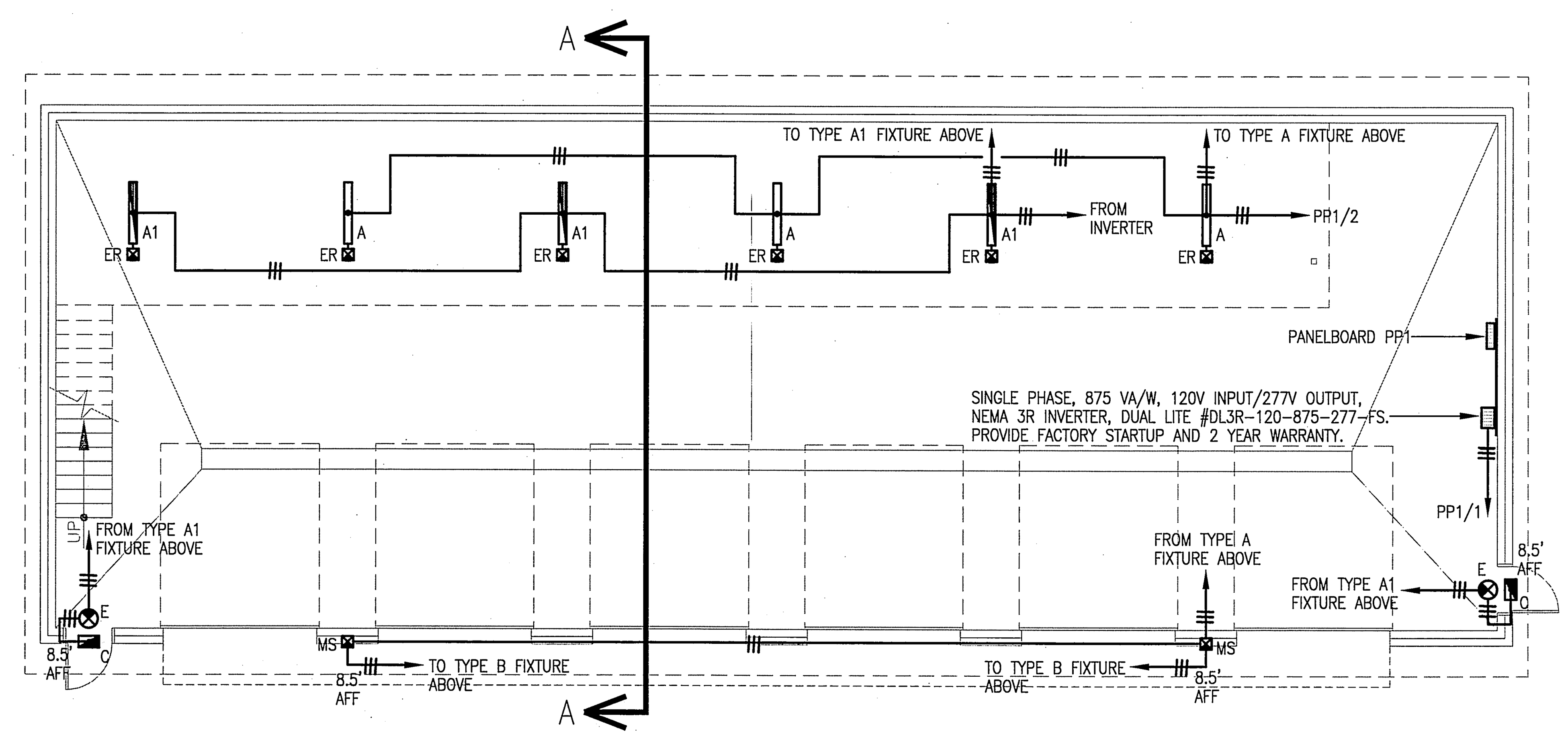
MEZZANINE LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"



SECTION A-A

SCALE: 1/8"=1'-0"



MAIN LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PROJECT NORTH

REVISIONS

TOWN OF GLASTONBURY
PARKS and RECREATION STORAGE BUILDING
New London Turnpike
Glastonbury, Connecticut

BEMIS ASSOCIATES, LLC
Consulting Engineers
185 Main Street
Farmington, Ct 06032
(860) 667-3233
Fax: (860) 321-7070
www.bemisassociates.com

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
LIGHTING PLAN

DATE 3/12/2014

DWG. NO.
EL1.1

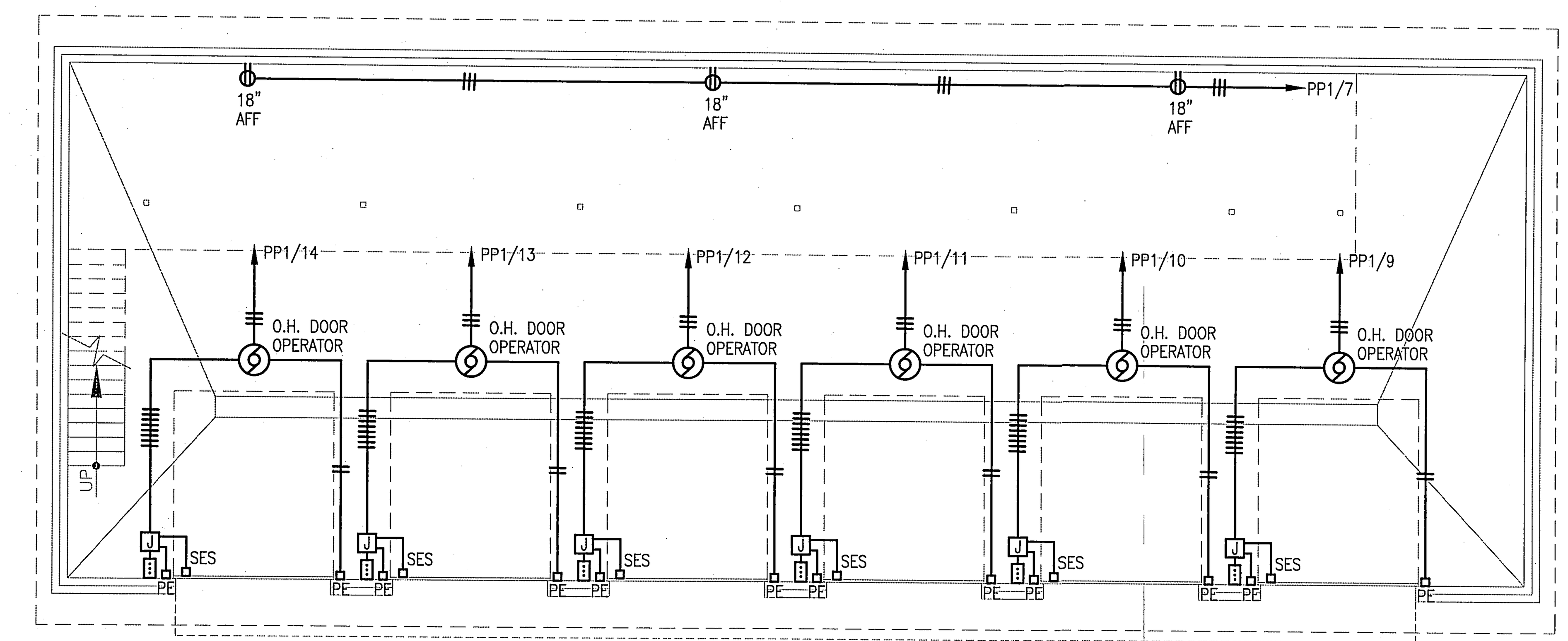
ELECTRICAL DRAWING LEGEND

SYMBOLS

Symbol	Description
	4' LONG ENCLOSED AND GASKETED LED INDUSTRIAL LIGHT FIXTURE, TYPE AS DESIGNATED.
	4' LONG ENCLOSED AND GASKETED LED INDUSTRIAL LIGHT FIXTURE ON EMERGENCY (INVERTER) POWER, FIXTURE TYPE AS DESIGNATED.
	FULL CUT-OFF LED WALL PACK LIGHT FIXTURE, TYPE AS DESIGNATED.
	FULL CUT-OFF LED WALL PACK LIGHT FIXTURE ON EMERGENCY (INVERTER) POWER, FIXTURE TYPE AS DESIGNATED.
	SINGLE FACE WALL MOUNT LED EXIT SIGN LIGHT FIXTURE, TYPE AS DESIGNATED. MOUNT AT 96" AFF.
HB	LINE VOLTAGE LOW TEMPERATURE RATED FIXTURE MOUNT PIR HIGH BAY OCCUPANCY SENSOR. SENSOR SWITCH #CMRB6-LT.
ER	LINE VOLTAGE LOW TEMPERATURE RATED FIXTURE MOUNT PIR EXTENDED RANGE OCCUPANCY SENSOR. SENSOR SWITCH #CMRB10-LT.
MS	LINE VOLTAGE OUTDOOR RATED PIR OCCUPANCY SENSOR. WATT STOPPER #EW-100-277-W, 102" AFF.
	DUPLEX RECEPTACLE. HUBBELL #HBL5362I.
GFCI	DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER. HUBBELL #GFR5362SGI.
J	JUNCTION BOX.
GW	GROUND WELL.
	MOTOR POWER CONECTION, EQUIPMENT AS DESIGNATED.
	OVERHEAD DOOR PUSHBUTTON CONTROL STATION, 48" AFF.
PE	PHOTO EYE.
SES	SAFETY EDGE SWITCH.
	PANELBOARD.
	BRANCH CIRCUIT WIRING IN CONDUIT. CROSS LINES INDICATE NUMBER OF CONDUCTORS.
	BRANCH CIRCUIT HOMERUN IN CONDUIT. CROSS LINES INDICATE NUMBER OF CONDUCTORS.

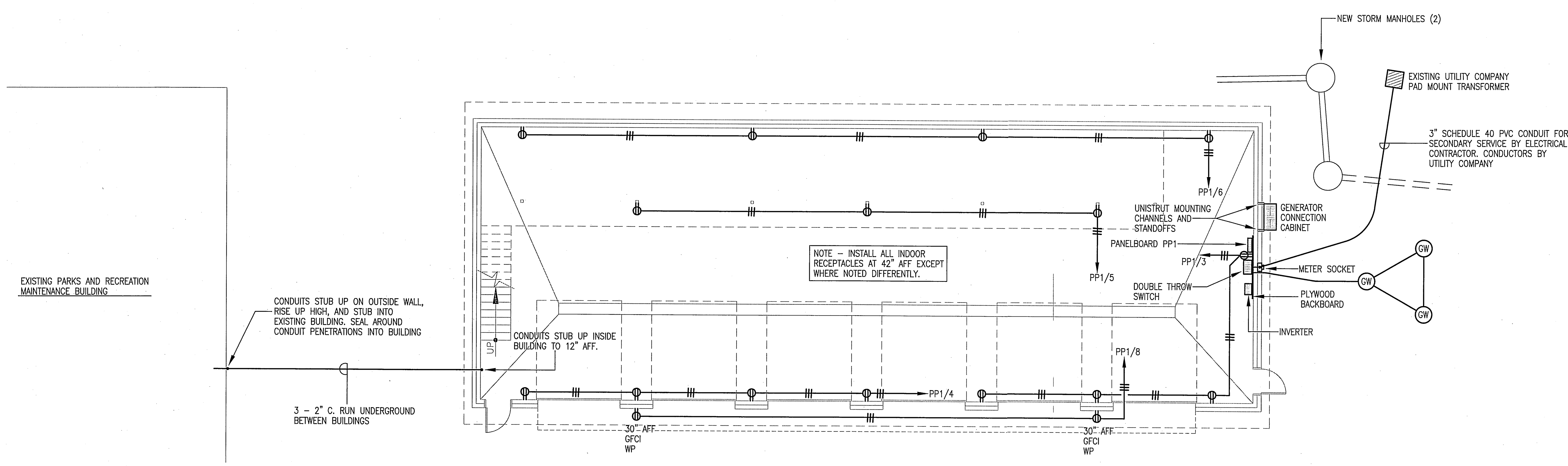
ABBREVIATIONS

Abbreviation	Meaning
A	AMPS.
AFF	ABOVE FINISHED FLOOR (CENTERLINE OF DEVICE OR EQUIPMENT).
C	CONDUIT.
C/B	CIRCUIT BREAKER.
GFCI	INDICATES DEVICE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER.
GND	GROUND.
JB	JUNCTION BOX.
NTS	NOT TO SCALE.
V	VOLTS.
WP	WEATHER PROOF. PROVIDE CAST ALUMINUM "IN-USE" COVER HUBBELL #WP26M.



MEZZANINE LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"



MAIN LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PROJECT NORTH

REVISIONS

TOWN OF GLASTONBURY

PARKS and RECREATION STORAGE BUILDING

New London Turnpike
Glastonbury, Connecticut

BEMIS ASSOCIATES, LLC
Consulting Engineers
185 Main Street
Farmington, Ct. 06032
(860) 677-3333
Fax: (860) 321-7070
www.bemisassociates.com

STATE OF CONNECTICUT
NO.18360
LICENSED PROFESSIONAL ENGINEER

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
POWER PLAN

DATE 3/12/2014

DWG. NO.
EP1.1

GENERAL SPECIFICATION NOTES – POWER

1 – THE CONTRACTOR SHALL VERIFY AND OBTAIN ALL NECESSARY DIMENSIONS AT THE BUILDING.

2 – FINISHED WORK: THE INTENT OF THE SPECIFICATIONS AND DRAWINGS IS TO CALL FOR FINISHED WORK, COMPLETED, TESTED AND READY FOR OPERATION.

3 – GOOD PRACTICE: IT IS NOT INTENDED THAT THE DRAWINGS SHOW EVERY CONDUIT, JUNCTION BOX, FITTING OR MINOR DETAIL AND IT IS UNDERSTOOD THAT WHILE THE DRAWINGS MUST BE FOLLOWED AS CLOSELY AS CIRCUMSTANCES WILL PERMIT, THE SYSTEMS SHALL BE INSTALLED ACCORDING TO THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS AND IN ACCORDANCE WITH GOOD PRACTICE.

4 – ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON DRAWINGS BUT MENTIONED IN SPECIFICATIONS OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND PERFECT IN ALL RESPECTS AND READY FOR OPERATION, EVEN IF NOT PARTICULARLY SPECIFIED, SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

5 – CODES AND STANDARDS – COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES AND STANDARDS WHEREVER APPLICABLE INCLUDING THE FOLLOWING: 2013 AMENDMENT TO THE 2005 CONNECTICUT STATE BUILDING CODE SUPPLEMENT, 2003 INTERNATIONAL BUILDING CODE, 2011 NATIONAL ELECTRICAL CODE, UNDERWRITERS LABORATORIES, NEMA STANDARDS.

6 – NOTE THAT THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF THE ELECTRICAL EQUIPMENT AND SYSTEMS, WITHOUT SHOWING EVERY DETAIL AND FITTING.

7 – ALL SLEEVES AND/OR CORE BORED HOLES AROUND CONDUIT SHALL BE PACKED WITH DAMMING MATERIAL AND SEALED. SEALANT SHALL ALLOW FOR MOVEMENT WITHOUT CRACKING AND SHALL BE 3M BRAND FIRE BARRIER CAULK CP25 OR APPROVED EQUAL.

8 – ALL POWER CONDUCTORS SHALL BE COPPER RATED 600 VOLTS, 90 DEG. C., COLOR CODED, TYPE XHHW–2 FOR FEEDERS, AND TYPE THWN–2 FOR BRANCH CIRCUITS.

9 – MINIMUM SIZE CONDUCTORS FOR POWER AND LIGHTING SHALL BE #12 AWG. PROVIDE MINIMUM #10 AWG SIZE FOR RUNS EXCEEDING 75' IN CONDUCTOR LENGTH, AND #8 AWG SIZE FOR RUNS EXCEEDING 150' IN CONDUCTOR LENGTH. PROVIDE LARGER SIZE CONDUCTORS AS SCHEDULED OR AS NOTED ON THE DRAWINGS.

10 – ALL WIRING SHALL BE INSTALLED IN CONDUIT. PROVIDE EMT CONDUIT WITH STEEL SET SCREW FITTINGS FOR INTERIOR WIRING. PROVIDE PVC CONDUIT FOR UNDERGROUND (BURIED) WIRING. PVC CONDUIT SHALL BE SCHEDULE 40 IN NON–VEHICULAR TRAFFIC AREAS AND SCHEDULE 80 IN VEHICULAR TRAFFIC AREAS. DO NOT INSTALL CONDUIT EXPOSED ON THE BUILDING EXTERIOR. DO NOT INSTALL CONDUIT IN THE FLOOR SLAB OR UNDER THE FLOOR SLAB UNLESS SPECIFICALLY CALLED FOR ON THE DRAWINGS.

11 – PROVIDE FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO CHAIN HUNG LIGHT FIXTURES. FLEXIBLE METAL CONDUIT FITTINGS SHALL BE MALLEABLE IRON SQUEEZE TYPE CONNECTORS.

12 – THE NUMBER OF WIRES ON A CONDUIT RUN IS INDICATED ON THE DRAWINGS BY CROSS LINES ON THE CONDUIT/CABLE RUNS. PROVIDE CODE–SIZED CONDUIT FOR THE NUMBER AND SIZE OF WIRES UNLESS A LARGER SIZE IS SHOWN ON THE DRAWINGS. MINIMUM CONDUIT SIZE SHALL BE 3/4".

13 – CONDUITS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO WALL LINES.

14 – CONDUITS SHALL BE SUPPORTED FROM THE STRUCTURE BY ROD HANGERS, OR RACK MOUNTED, OR OTHER APPROVED ELECTRICAL MOUNTING. DO NOT SUPPORT DIRECTLY FROM ROOF DECKING.

15 – OUTLET BOXES SHALL BE CODE GAUGE GALVANIZED STEEL AND SHALL BE OF SHAPES AND SIZES TO SUIT THEIR RESPECTIVE LOCATIONS AND INSTALLATIONS, AND SHALL BE PROVIDED WITH COVERS TO SUITE THEIR FUNCTION AND INSTALLATION.

16 – OUTLET BOXES FOR WALL OUTLETS SHALL BE 4" SQUARE X 2 1/8" DEEP, DRAWN STEEL BOXES WITH EXPOSED WORK COVERS.

17 – INSTALL BOXES IN ACCESSIBLE LOCATIONS AND AT UNIFORM HEIGHTS.

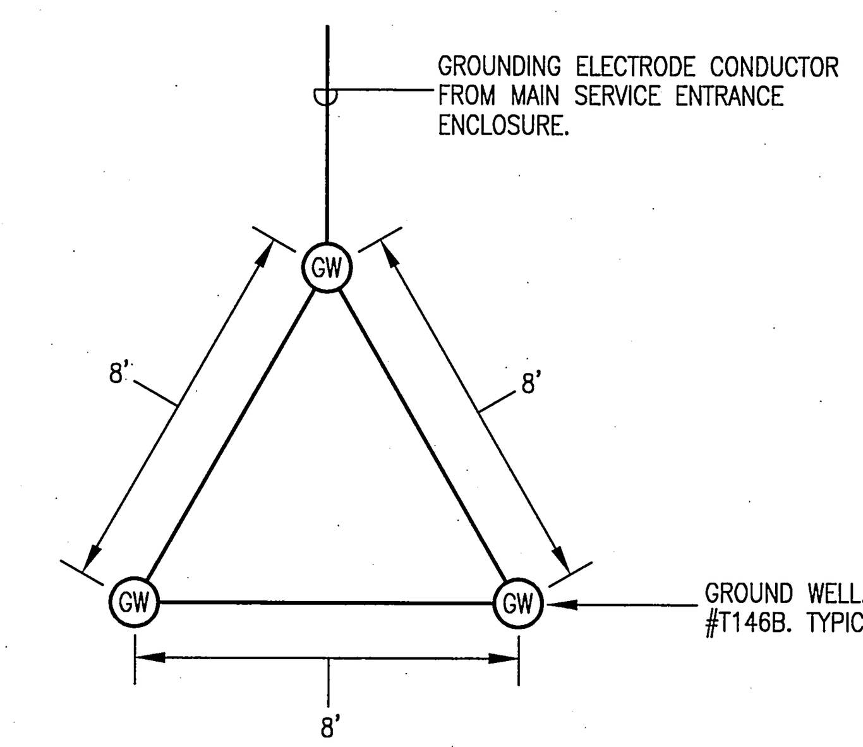
18 – SET BOXES AND COVERS SQUARE AND TRUE WITH BUILDING LINES.

19 – PROVIDE THE INVERTER, METER SOCKET, AND PANELBOARD AS INDICATED ON THE DRAWINGS, OR APPROVED EQUAL. PROVIDE A 3/4" THICK FIRE RETARDANT PLYWOOD BACKBOARD FOR THE INVERTER AND PANELBOARD. PAINT THE BACKBOARD ON ALL SIDES WITH LIGHT GRAY FIRE RETARDANT PAINT PRIOR TO INSTALLATION.

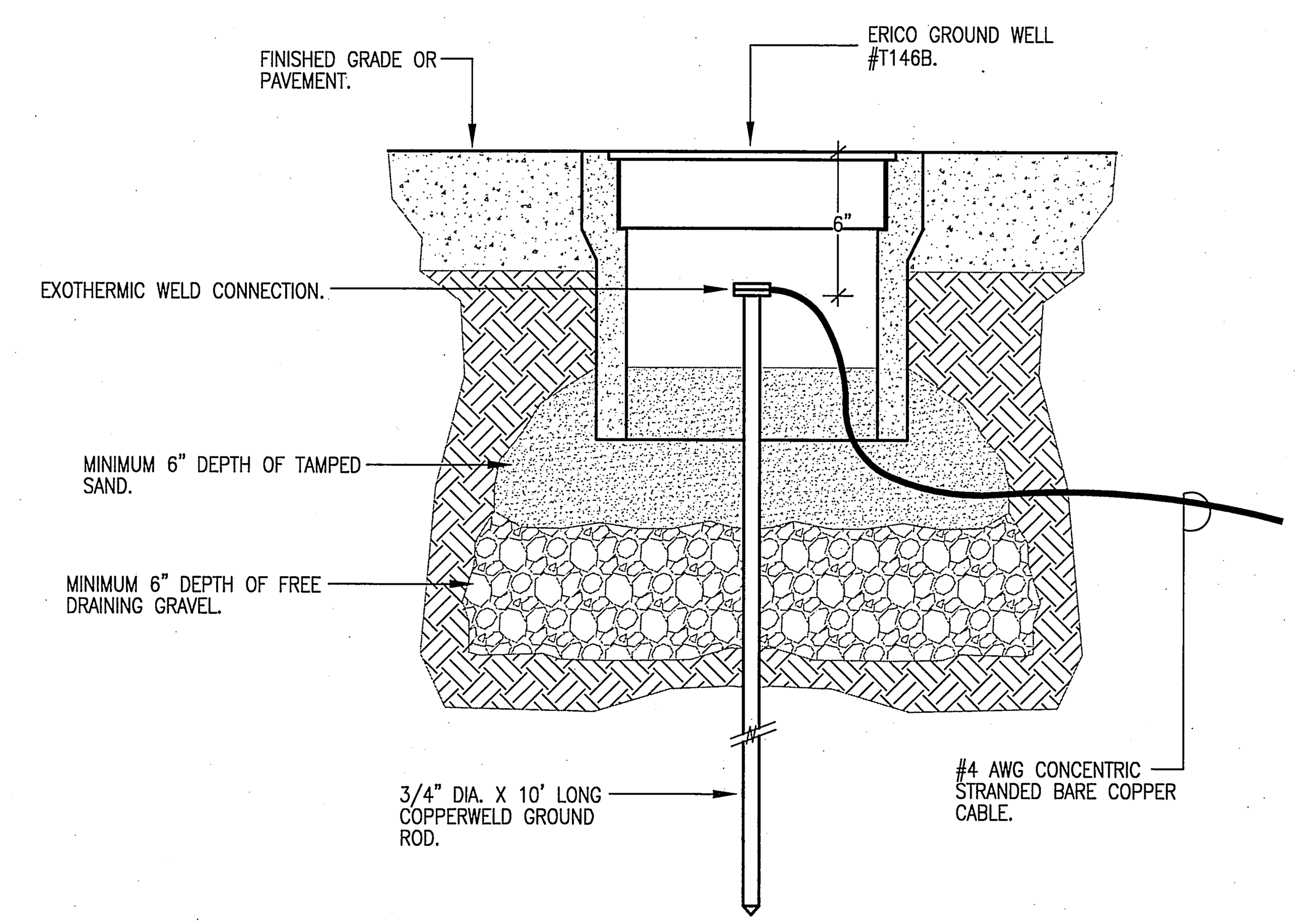
20 – BRANCH CIRCUIT WIRING AND ARRANGEMENT OF HOME RUNS HAS BEEN DESIGNED FOR MAXIMUM ECONOMY CONSISTENT WITH ADEQUATE SIZING FOR VOLTAGE DROPS, CIRCUIT AMPACITIES, AND OTHER CONSIDERATIONS. INSTALL THE WIRING WITH CIRCUITS ARRANGED AS SHOWN ON THE DRAWINGS, EXCEPT AS APPROVED IN ADVANCE BY THE ARCHITECT AND ENGINEER. DO NOT MAKE CHANGES WITHOUT PRIOR APPROVAL.

21 – PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH 120V AND 277V SINGLE PHASE CIRCUIT. DO NOT USE A COMMON NEUTRAL FOR GROUPS OF CIRCUITS. PROVIDE A SEPARATE GROUND WIRE FOR EACH CIRCUIT BACK TO THE RESPECTIVE PANEL GROUND. IF MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE INSTALLED IN ONE CONDUIT THEY SHALL BE DERATED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. DO NOT INSTALL MORE THAN THREE 30 AMP SINGLE PHASE OR FOUR 20 AMP SINGLE PHASE CIRCUITS IN THE SAME CONDUIT. DO NOT MIX LIGHTING AND POWER CIRCUITS IN THE SAME CONDUIT. MAINTAIN CODE REQUIRED SEPARATION OF NORMAL AND EMERGENCY POWER WIRING.

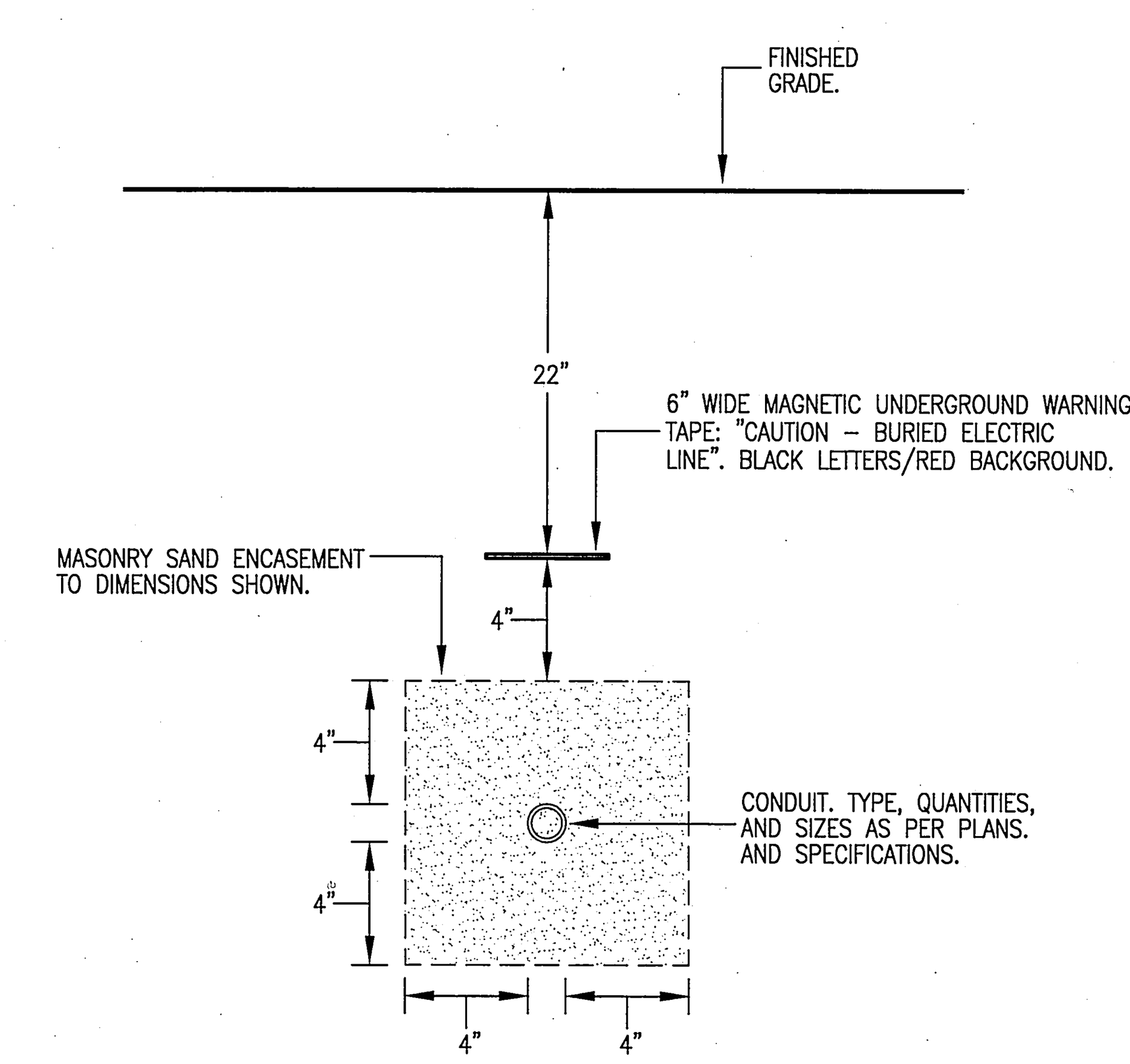
22 – PROVIDE DETAILED SUBMITTALS FOR EACH ITEM BEING PROVIDED UNDER THIS CONTRACT.



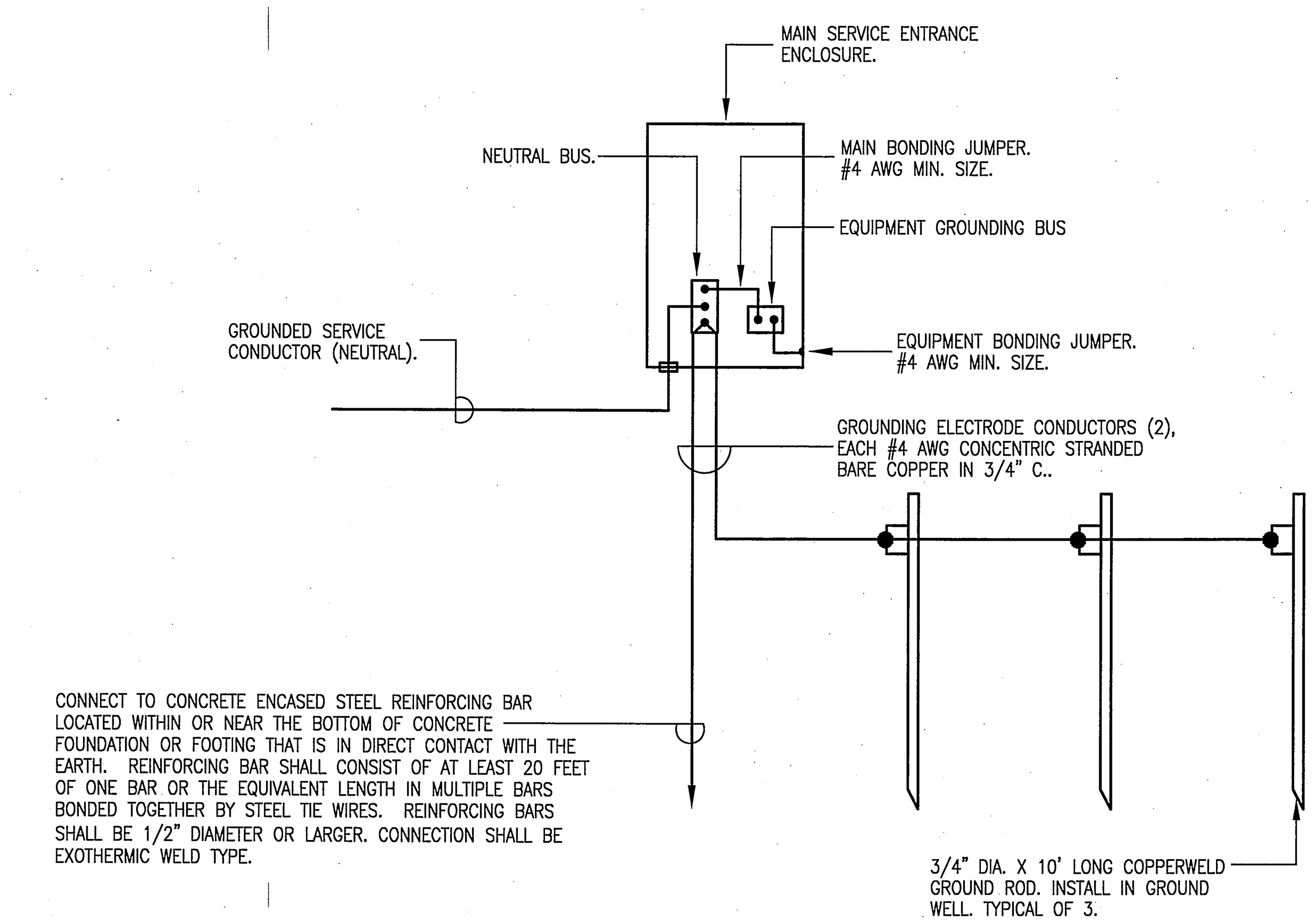
TYPICAL LAYOUT OF GROUND WELLS
NTS



GROUND WELL DETAIL
NTS



UNDERGROUND CONDUIT DETAIL
NTS



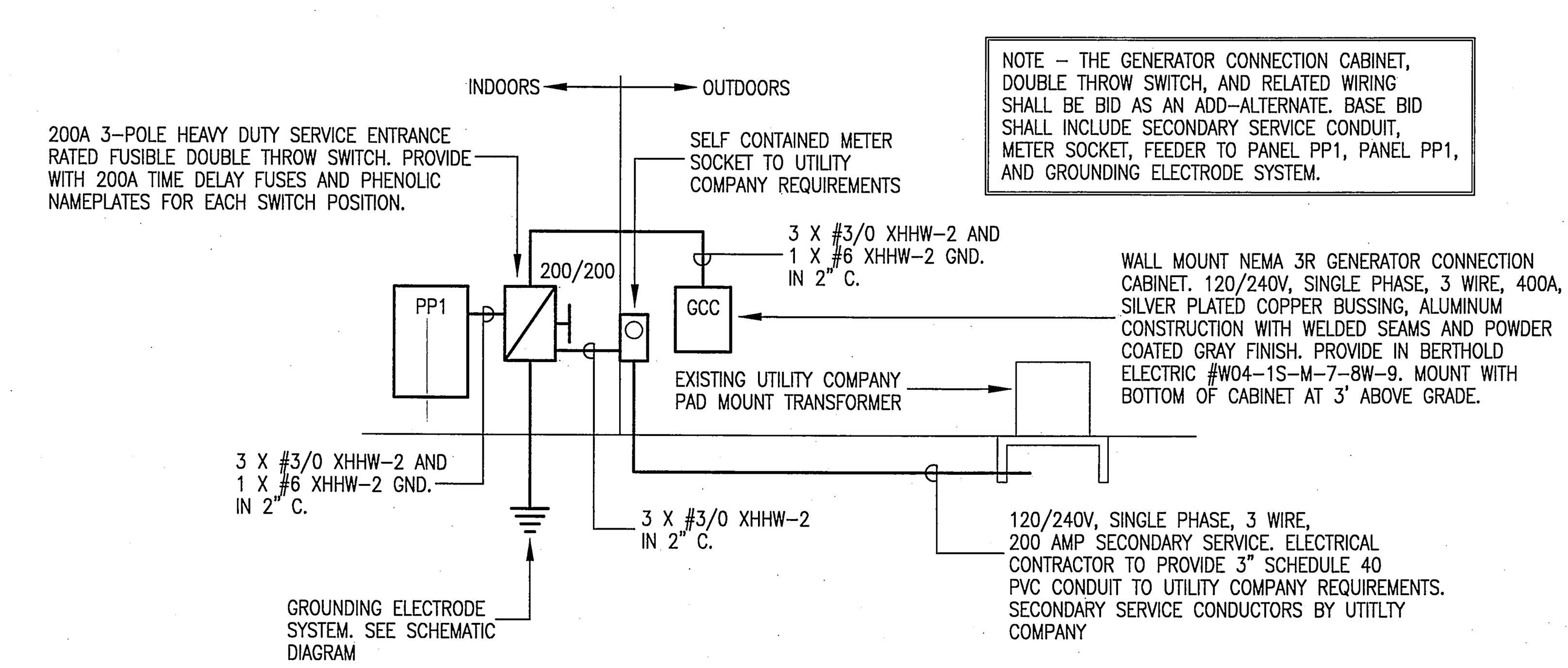
GROUNDING ELECTRODE SYSTEM SCHEMATIC
NTS

PANEL #PP1: SQUARE D TYPE NQ, SURFACE, 120/240V, 1–PHASE, 3 WIRE, 200 AMP MAIN C/B, 22K A.I.C. MIN. (FULLY RATED)

CKT	TRIP	POLE	REMARKS	CKT	TRIP	POLE	REMARKS
1	15*	1	INVERTER	2	20	1	LIGHTING
3	20	1	RECEPTACLES	4	20	1	RECEPTACLES
5	20	1	RECEPTACLES	6	20	1	RECEPTACLES
7	20	1	RECEPTACLES	8	20	1	RECEPTACLES
9	20	1	DOOR OPERATOR	10	20	1	DOOR OPERATOR
11	20	1	DOOR OPERATOR	12	20	1	DOOR OPERATOR
13	20	1	DOOR OPERATOR	14	20	1	DOOR OPERATOR
15	20	1	SPARE	16	20	1	SPARE
17	20	1	SPARE	18	20	1	SPARE
19	20	1	SPARE	20	20	1	SPARE
21	20	1	SPARE	22	20	1	SPARE
23	20	1	SPARE	24	20	1	SPARE
25	20	1	SPARE	26	20	1	SPARE
27	20	1	SPARE	28	20	1	SPARE
29	20	1	SPARE	30	20	1	SPARE

NOTES:
1) PROVIDE WITH COPPER BUS BARS AND COPPER GROUND BAR.
2) PROVIDE WITH DOOR–IN–DOOR TRIM.
3) PROVIDE WITH BLACK FACE, WHITE CORE ENGRAVED NAMEPLATE FIXED TO PANEL WITH TWO SCREWS OR RIVETS.
4) PROVIDE WITH METAL FRAME/PLASTIC COVER CIRCUIT DIRECTORY.
5) PROVIDE WITH TYPE WRITTEN CIRCUIT DIRECTORY REPRESENTING CIRCUITS AS ACTUALLY CONNECTED TO PANEL.
6) CIRCUIT BREAKERS SHALL BE BOLT–ON TYPE.
7) *= HACR RATED CIRCUIT BREAKER.

NOTE – THE GENERATOR CONNECTION CABINET, DOUBLE THROW SWITCH, AND RELATED WIRING SHALL BE BID AS AN ADD–ALTERNATE. BASE BID SHALL INCLUDE SECONDARY SERVICE CONDUIT, METER SOCKET, FEEDER TO PANEL PP1, PANEL PP1, AND GROUNDING ELECTRODE SYSTEM.



POWER RISER DIAGRAM
NTS

REVISIONS

TOWN OF GLASTONBURY
PARKS and RECREATION STORAGE BUILDING
New London Turnpike
Glastonbury, Connecticut

BEMIS ASSOCIATES, LLC
Consulting Engineers
185 Main Street
Farmington, Ct 06032
(860) 667-3233
Fax: (860) 321-7070
www.bemisassociates.com

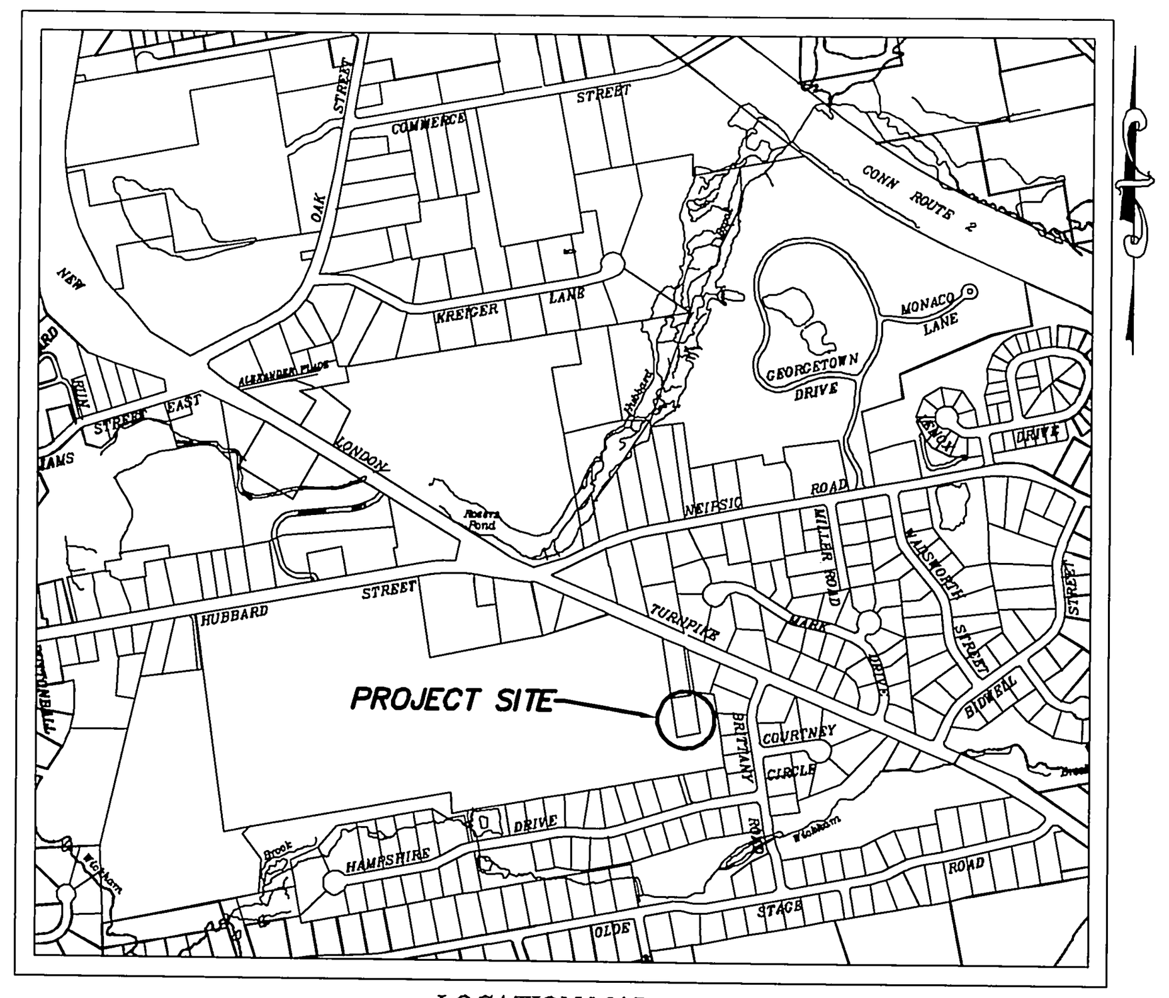
STATE OF CONNECTICUT JULIAN DRAGULSKI NO. 18360 LICENSED PROFESSIONAL ENGINEER

moser pilon nelson architects
30 JORDAN LANE
WETHERSFIELD, CT. 06109
(860) 563-6164

TITLE
POWER DETAILS

DATE 3/12/2014

DWG. NO.
EP1.2



LOCATION MAP

SCALE: 1" = 1000'

Test Pit Log
Investigated on February 25, 2014 as shown on plan.

TP-1
Top of 4x4"PVC – 117.30'

TP-2
Top 5" Steel pipe – 118.99'

Plant List

Plant	Size	Quantity
Thuja Occidentalis "Nigra" Dark American Arborvitae	5'–6"h	94

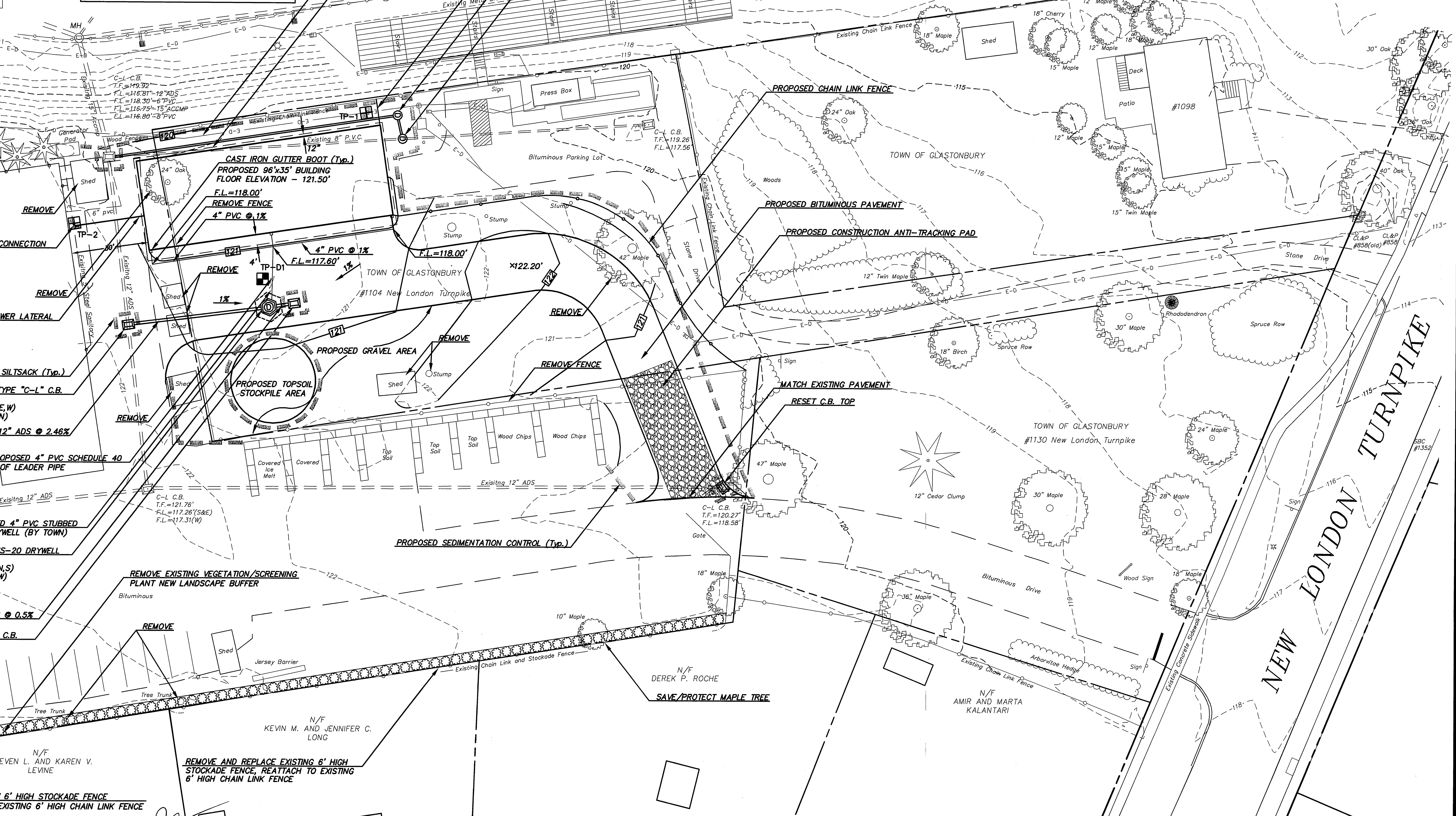
Note
Plant as a hedge row in a continuous planting bed.

CONTRACT NOTES

THE FOLLOWING ITEMS LISTED BELOW ARE INCLUDED IN THE BID PRICE FOR THE BUILDING.

1. PROPOSED SANITARY SEWER LATERAL AND CONNECTION TO EXISTING SEWER.
2. 4" PVC ROOF LEADER PIPING FROM CAST IRON GUTTER BOOTS TO 4" PVC STUBS IN DRYWELL.
3. REMOVAL OF EXISTING 8" PVC DRAIN WITHIN FOOTPRINT OF BUILDING EXCAVATION AS SHOWN ON SHEET A1.0.

ALL OTHER SITE WORK SHOWN ON THIS PLAN IS BY THE TOWN, AND THEREFORE NOT INCLUDED IN THE CONTRACT


GLASTONBURY HIGH FOOTBALL FIELD
PROPOSED CHAIN LINK FENCE
PROPOSED STORM M.H.
T.F.=120.35'
F.L.=117.19'(E,S)
PROPOSED STORM M.H.
T.F.=120.85'
F.L.=117.22'(N,W)
RELOCATE ELECTRICAL SERVICE
PROPOSED FOOTING
Existing Metal Bleachers
Press Box
Sign
Bituminous Parking Lot
C-L C.B.
T.F.=119.32
F.L.=116.81'-12"ADS
F.L.=118.30'-6"PVC
F.L.=116.75'-15"ACCMP
F.L.=116.80'-8"PVC
C-L C.B.
T.F.=119.26
F.L.=117.56
Existing 8" PVC
Oil seperator
Generator Pad
Wood Fence
Plantings
Vent pipe
AC unit
Metal cover (oil?)
Elec.Box
Filler Pipe
Shed
6" pvc
REMOVE
#1086
PROPOSED SANITARY CONNECTION
F.L.=118.5'±
TP-2
Town of Glastonbury
Parks & Recreation
Maintenence Facility
REMOVE
PROPOSED SANITARY SEWER LATERAL
CAST IRON GUTTER BOOT (Typ.)
PROPOSED 96'x35' BUILDING
FLOOR ELEVATION – 121.50'
F.L.=118.00'
REMOVE FENCE
4" PVC @ 1%
F.L.=117.60'
TP-D1
TP-1
REMOVE
F.L.=118.00'
×122.20'
TOWN OF GLASTONBURY
#1104 New London Turnpike
Stump
REMOVE
PROPOSED GRAVEL AREA
REMOVE
PROTECT INLET WITH SILTSACK (Typ.)
PROPOSED TYPE "C-L" C.B.
T.F.=121.55'
F.L.=117.02'(E,W)
F.L.=118.50'(N)
PROPOSED 50' 12" ADS @ 2.46%
REMOVE
PROPOSED TOPSOIL STOCKPILE AREA
PROPOSED 4" PVC SCHEDULE 40 ROOF LEADER PIPE
REMOVE FENCE
Covered Ice Melt
Covered
Top Soil
Wood Chips
Existing 12" ADS
C-L C.B.
T.F.=122.32'
F.L.=118.45'
C-L C.B.
T.F.=122.58'
F.L.=118.28'
C-L C.B.
T.F.=121.76'
F.L.=117.26'(S&E)
F.L.=117.31'(W)
PROPOSED 4" PVC STUBBED INTO DRYWELL (BY TOWN)
PROPOSED HS-20 DRYWELL
T.F.=120.60'
F.L.=117.27'(N,S)
F.L.=117.40'(W)
PROPOSED SEDIMENTATION CONTROL (Typ.)
REMOVE EXISTING VEGETATION/SCREENING
PLANT NEW LANDSCAPE BUFFER
Bituminous
PROPOSED 5' 12" ADS @ 0.5%
PROPOSED TYPE "C-L" C.B.
T.F.=120.50'
F.L.=117.30'
SUMP=114.30'
REMOVE
Shed
Jersey Barrier
Tree Trunk
Existing Chain Link and Stockade Fence
Existing Chain Link Fence
N/F
JEAN L. FAUTEUX
TRUSTEE
N/F
STEVEN L. AND KAREN V. LEVINE
N/F
KEVIN M. AND JENNIFER C. LONG
REMOVE AND REPLACE EXISTING 6' HIGH STOCKADE FENCE, REATTACH TO EXISTING 6' HIGH CHAIN LINK FENCE
INSTALL NEW 6' HIGH STOCKADE FENCE
ATTACH TO EXISTING 6' HIGH CHAIN LINK FENCE
N/F
DEREK P. ROCHE
SAVE/PROTECT MAPLE TREE
N/F
AMIR AND MARTA KALANTARI
PROPOSED CHAIN LINK FENCE
PROPOSED BITUMINOUS PAVEMENT
PROPOSED CONSTRUCTION ANTI-TRACKING PAD
MATCH EXISTING PAVEMENT
RESET C.B. TOP
C-L C.B.
T.F.=120.27'
F.L.=118.58'
Gate
Woods
Stone Drive
Existing Chain Link Fence
TOWN OF GLASTONBURY
#1098
Deck
Patio
Shed
TOWN OF GLASTONBURY
#1130 New London Turnpike
Rhododendron
Spruce Row
12" Cedar Clump
Bituminous Drive
Wood Sign
Arborvitae Hedge
Existing Chain Link Fence
Existing Concrete Sidewalk
CL&P #858(old)
SBC #1352
NEW LONDON TURNPIKE

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101

STATE OF CONNECTICUT – DANIEL A. PENNINGTON – No. 20101 – LICENSED PROFESSIONAL ENGINEER

GARAGE/MAINTENANCE BUILDING TOWN OF GLASTONBURY RESERVED LAND
PROJECT/APPLICANT — ZONE

1086 NEW LONDON TURNPIKE
PROJECT ADDRESS

SPECIAL PERMIT — TPZ CHAIRPERSON

DATE SPECIAL PERMIT APP'D — DIRECTOR OF COMMUNITY DEVELOPMENT

FILE NO.

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
4.	ISSUED FOR CONSTRUCTION	3-10-2014
3.	TEST PITS, REVISED DRAINAGE PIPE	2-26-2014
2.	REVISION FOR LANDSCAPE SCREENINGS	9-9-2013
1.	ISSUED FOR PERMITTING	1-25-2013

TOWN OF GLASTONBURY ENGINEERING — CAD

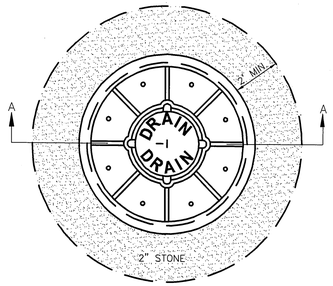
SCALE: AS SHOWN	DATE:
DRAWN BY: S.Troy	1-10-2013
CHECKED BY: S.M.B.	1-25-2013
APPROVED BY: D.A.P.	1-25-2013
ST. FILE:	

MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON CADD FILE SHOWN IN THE LEFT MARGIN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE AT (860) 652-7735.

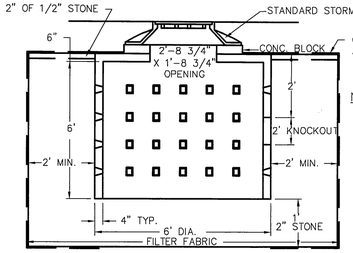
TOWN OF GLASTONBURY INCORPORATED 1693 SEAL STATE OF CONNECTICUT

PLAN DEPICTING PARKS AND RECREATION FACILITY 1086 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT

SHEET NO. 1 OF 3



PLAN



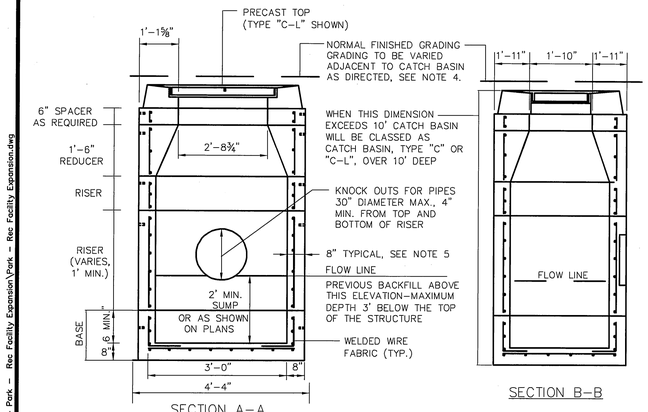
NOTES:

1. CONC. MIN. STRENGTH–5000 P.S.I. AT 28 DAYS.
2. STEEL REINF. ASTM–A–615–68 GRADE 60, 1" MIN. COVER.
3. DESIGN LOADING–STANDARD UNITS: AASHTO–HS20–44.
4. VOIDS IN STONE ASSUMED TO BE 0.3 OF TOTAL VOLUME OF STONE.

SECTION A – A

STANDARD DETAIL NO. XX

PRECAST CONCRETE DRYWELL



SECTION A–A

SECTION B–B

NOTES

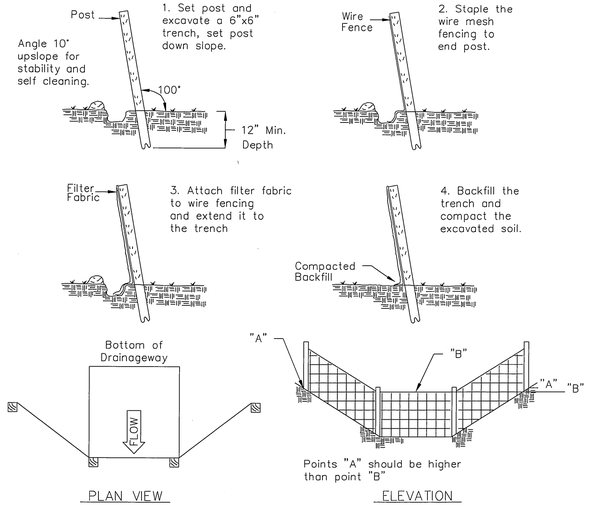
1. PRECAST CATCH BASIN TOPS MUST BE PROPERLY ALIGNED AS SHOWN AND SHALL CONFORM TO CONNDOT STANDARD DETAIL SHEETS 507–I AND 507J. CAPE COD CATCH BASIN TOPS SHALL HAVE AN OPEN THROAT.
2. ALL FRAMES AND GRATES SHALL BE GALVANIZED. FOR DETAILS OF FRAMES AND GRATES, SEE CONNDOT STANDARD DETAIL SHEET 507–K.
3. DOUBLE GRATE CATCH BASINS SHALL CONFORM TO CONNDOT STANDARD DETAIL SHEETS 507–D AND 507–E.
4. WHEN TYPE 'C' CATCH BASINS ARE CONSTRUCTED IN PAVEMENT, THE NORMAL GUTTER OF THE ROADWAY SHALL BE VARIED TO PROVIDE AN ADDITIONAL 2–INCH DEPRESSED GUTTER AT THE CATCH BASIN.
5. WALL THICKNESS TO BE 12 INCHES WHEN HEIGHT OF STRUCTURE EXCEEEDS 10 FEET FROM TOP OF FRAME TO BOTTOM OF BASE.
6. CATCH BASINS LEFT ABOVE THE FINISHED GUTTER GRADE FOR THE WINTER MUST BE PROPERLY SHIMMED FOR PLOWING AS SHOWN IN PLATE 4.
7. MORTAR MIX SHALL NOT CONTAIN LIME.
8. ENDS OF PIPE SHALL BE SAWCUT FLUSH WITH INSIDE WALLS.
9. IF CONCRETE MASONRY UNITS ARE USED THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL BE MET:
   - MAXIMUM CORBEL SHALL NOT EXCEED 2 INCHES;
   - WHERE NECESSARY, BLOCKS MAY BE CUT OR CONCRETE BRICK USED (NO RED BRICK PERMITTED);
   - CORNERS SHALL BE SQUARE, COURSES LEVEL, AND JOINTS PROPERLY STAGGERED;
   - VOIDS IN EXTERIOR WALLS SHALL BE GROUTED, AND CORBELS SHALL BE WEDGED.

SCALE :	NONE
DRAWN BY:	SR
CHECKED BY:	SMB
APPROVED BY:	DAP
LAST REVISED:	9/2/2008

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CATCH BASIN

PLATE NO. 21



Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut

PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER

fig. 7–9 SILTFENC.DWG

PROJECT NARRATIVE:
THIS PROJECT INCLUDES THE CONSTRUCTION OF A 96' X 35' BUILDING TO PROVIDE ADDITIONAL STORAGE FOR EQUIPMENT AND MATERIALS AT THE PARKS MAINTENANCE FACILITY. A NEW PAVED DRIVEWAY WILL BE INSTALLED FOR ACCESS TO THIS FACILITY, AND WITH RELATED UTILITIES AND STORM DRAINAGE IMPROVEMENTS. THE BUILDING WILL HAVE FLOOR DRAINS CONNECTED IN TO THE SANITARY SEWERS. DRAINAGE IMPROVEMENTS INCLUDE A CATCH BASIN WITH DEEP SUMP CONNECTED TO A DRYWELL TO PROMOTE INFILTRATION OF STORMWATER GENERATED FROM THIS DEVELOPMENT. OVERFLOW FROM THIS DRYWELL WILL CONNECT TO THE EXISTING STORM DRAINAGE SYSTEM. TOTAL DISTURBANCE IS ESTIMATED TO BE 0.6 ACRES.

THE SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:
1) TOPSOIL WILL BE STRIPPED WITHIN THE LIMITS OF CONSTRUCTION AND STOCKPILED AS SHOWN ON THE PLAN.
2) THE BUILDING FOUNDATION WILL BE EXCAVATED AND CONCRETE FOUNDATION FORMED AND POURED.
3) UTILITIES WILL BE INSTALLED, INCLUDING SANITARY SEWER LATERAL, STORM DRAINAGE STRUCTURE AND PIPING, AND ELECTRICAL SERVICE.
4) THE NEW BUILDING WILL BE CONSTRUCTED.
5) AREAS TO BE PAVED WILL BE BOXED OUT TO SUBGRADE, AND THE PAVEMENT SUBBASE AND BASE MATERIALS INSTALLED.
6) BITUMINOUS PAVEMENT WILL BE INSTALLED, AND OTHER DISTURBED AREAS WILL BE TOPSOILED AND SEEDED.

PROJECT SPECIFIC SEDIMENTATION AND EROSION CONTROL PLAN
CONSTRUCTION ACTIVITIES OF CONCERN RELATIVE TO THE PROTECTION OF ADJACENT WETLANDS AND WATERCOURSES FROM SEDIMENTATION ARE AS FOLLOWS:

1. DEWATERING: OPEN TRENCH EXCAVATIONS WILL NEED TO BE DEWATERED AS NECESSARY FOR PROPER INSTALLATION OF THE PROPOSED PIPES. IN THESE AREAS, ALL WATER REMOVED FROM THE TRENCH SHALL BE ADEQUATELY TREATED PRIOR TO DISCHARGE USING MEASURES DESCRIBED IN SECTION 5–13 OF THE 2002 CT GUIDELINES FOR EROSION AND SEDIMENT CONTROL. THIS MAY INCLUDE A STONE SUMP AND STANDPIPE FOR PUMP INTAKE PROTECTION, AND A DIRT BAG OR PUMPING SETTLING BASIN FOR TREATMENT OF THE PUMPED WATER PRIOR TO DISCHARGE.

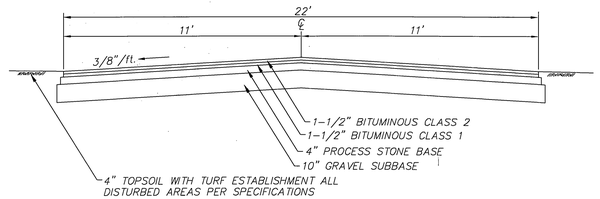
2. STOCKPILING: EXCAVATED MATERIAL SHALL NOT BE STOCKPILED ADJACENT TO STORM DRAIN INLETS, WETLANDS, OR WATERCOURSES. WHEN IT IS NECESSARY BASED ON THE PROPOSED METHODS OF CONSTRUCTION TO STAGE EXCAVATED MATERIAL FOR SHORT DURATIONS IN THE VICINITY OF STORM DRAIN INLETS, THESE INLETS SHALL BE PROPERLY PROTECTED AS DESCRIBED ON THE PLANS. LONGER DURATION STOCKPILING OF MATERIAL, WHEN NECESSARY, SHALL BE ONLY IN LOCATIONS APPROVED IN ADVANCE BY THE ENGINEER, AND SUCH STOCKPILES SHALL BE RINGED WITH A SEDIMENTATION CONTROL SYSTEM.

3. DISTURBED AREAS: LIMITS OF DISTURBANCE SHALL BE IN STRICT ACCORDANCE WITH THE APPROVED PLAN. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH THE FINAL SURFACE TREATMENT AS SOON AS POSSIBLE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED. DISTURBED AREAS WITH STEEP OR LONG SLOPES AND OTHER AREAS WITH SIGNIFICANT POTENTIAL FOR CAUSING SEDIMENTATION SHALL BE PROTECTED WITH TEMPORARY STRAW MULCH, WOOD CHIPS, EROSION CONTROL MATTING, OR OTHER SUITABLE MATERIALS PRIOR TO SIGNIFICANT FORECASTED RAIN STORM EVENTS TO REDUCE EROSION POTENTIAL.

4. TRAVEL AREAS: A STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SHOWN ON THE PLANS AS REQUIRED TO PREVENT SOIL FROM BEING TRACKED OUT OF THE CONSTRUCTION SITE AND INTO THE ROAD. THIS CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS OF THE PROJECT HAVE BEEN RESTORED.

5. SEVERE WEATHER CONTINGENCY PLAN: IN ADVANCE OF A SEVERE WEATHER EVENT, ALL EROSION CONTROLS DESCRIBED ABOVE AND ELSEWHERE ON THE PLANS SHALL BE INSPECTED AND ADJUSTED AS NECESSARY.

RESPONSIBLE PARTIES:
THE DEPARTMENT OF PHYSICAL SERVICES SHALL PROVIDE A REPRESENTATIVE WHO IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN.



DRIVEWAY CROSS SECTION
(NOT TO SCALE)

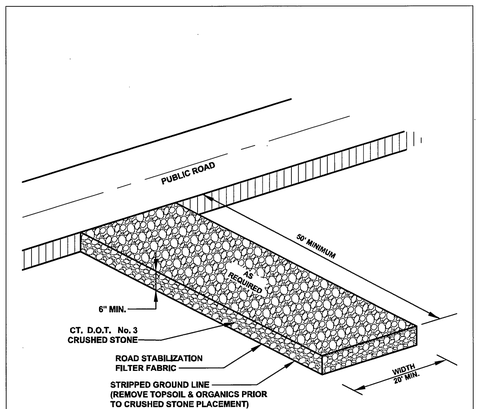
GENERAL SEDIMENTATION AND EROSION CONTROL REQUIREMENTS:

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE DEPARTMENT OF PHYSICAL SERVICES SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS, AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

CONSTRUCTION METHODS, IN GENERAL, SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002) BY THE STATE OF CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

1. ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
2. ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE–CONSTRUCTION CLEARING AND GRUBBING.
3. ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
4. NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.
5. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER.
6. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY INDISTURBED.
7. ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
8. ALL NEW AND EXISTING CATCH BASINS LOCATED WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SYSTEM IN GRASSED AREAS OR WITH A SEDIMENTATION CONTROL SACK IN PAVED AREAS UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
9. SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
10. THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN ENVIROMENTAL PLANNER. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.



ANTI-TRACKING PAD
CONSTRUCTION ENTRANCE
NOT TO SCALE

TOWN OF GLASTONBURY GLASTONBURY, CONNECTICUT		BY	DATE
	DRAWN	S.R.	4/04
	CHECKED		
ANTI-TRACKING PAD	SCALE: NOT TO SCALE		
	DATE 04/13/2004		
	FILE		
APPROVED	DIRECTOR		
APPROVED	ENGINEER	SHEET 1 OF 1	

\ARCHIVE\DETAIL\GLAST\AntiTrackingPad

GARAGE/MAINTENANCE BUILDING TOWN OF GLASTONBURY RESERVED LAND
PROJECT/APPLICANT *ZONE*

1086 NEW LONDON TURNPIKE
PROJECT ADDRESS

SPECIAL PERMIT *TPZ CHAIRPERSON*

DATE SPECIAL PERMIT APP'D *DIRECTOR OF COMMUNITY DEVELOPMENT*

FILE NO.

Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101

DRAWING ISSUE STATUS		
2.	ISSUED FOR CONSTRUCTION	3–10–2014
1.	ISSUED FOR PERMITTING	1–25–2013
NO.	DESCRIPTION	DATE

SCALE: AS SHOWN	DATE:
DRAWN BY: S.Troy	1–10–2013
CHECKED BY: S.M.B.	1–25–2013
APPROVED BY: D.A.P.	1–25–2013
ST. FILE:	

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DETAILS
PARKS AND RECREATION FACILITY
1086 NEW LONDON TURNPIKE
GLASTONBURY, CONNECTICUT

SHEET NO. 2 OF 3

Town of Glastonbury

2155 MAIN STREET • P.O. BOX 6523 • GLASTONBURY, CONNECTICUT 06033-6523

TOWN PLAN AND ZONING COMMISSION — SECTION 12 SPECIAL PERMIT WITH DESIGN REVIEW

APPLICANT/OWNER: TOWN OF GLASTONBURY, 2155 MAIN STREET, GLASTONBURY, CT 06033

FOR: 1086 NEW LONDON TPKE

MOVED, that the Town Plan and Zoning Commission approve the Application of the Town of Glastonbury for a Section 12 Special Permit with Design Review – construction of a garage/ maintenance building at 1086 New London Turnpike – Residence AA Zone, in accordance with the following plans:

"PLAN DEPICTING PARKS AND RECREATION FACILITY 1086 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT TOWN OF GLASTONBURY ENGINEERING SCALE: AS SHOWN DRAWN BY: S. TROY 1-10-2013 CHECKED BY: S.M.B. 1-25-2013 APPROVED BY: D.A.P. 1-25-2013 1. ISSUED FOR PERMITTING 1-25-2013 REVISION FOR LANDSCAPE SCREENINGS 9-9-2013 SHEET NO. 1 OF 2"

"PLAN DEPICTING PARKS AND RECREATION FACILITY 1086 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT TOWN OF GLASTONBURY ENGINEERING SCALE: AS SHOWN DRAWN BY: S. TROY 1-15-2013"

"DETAILS PARKS AND RECREATION FACILITY 1086 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT TOWN OF GLASTONBURY ENGINEERING SCALE: AS SHOWN DRAWN BY: S. TROY 1-10-2013 CHECKED BY: S.M.B. 1-25-2013 APPROVED BY: D.A.P. 1-25-2013 1. ISSUED FOR PERMITTING 1-25-2013 SHEET NO. 2 OF 2"

"FLOOR PLANS, ELEVATIONS AND SECTIONS TOWN OF GLASTONBURY PARKS AND RECREATION STORAGE BUILDING NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT MOSER PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CT. 06109 (860) 563-6154 DATE 05/25/2012 DWG. NO. A1.1"

and in compliance with the following conditions:

1. Adherence to the memorandum from the Police Department dated August 15, 2013.
2. Compliance with standards contained in a report from the Fire Marshal, File #13-071, plans reviewed 08-13-13.
3. The plot plan required for building permit application shall contain and comply with these conditions of approval. The plot plan shall indicate the limits of vegetative clearing, existing and proposed contours, soil erosion and sediment controls, all subsurface drainage, all stockpile areas, and temporary and permanent vegetative stabilization measures, including details of seedbed preparation, seed mix selection, application rates, seeding dates and mulching requirements. Vegetative clearing for stockpiling shall be minimized and subject to the approval of the Environmental Planner.
4. The dry well design shall appear on the plot plan submitted for a building permit. An as-built statement from the contractor that constructed the dry wells shall be required before obtaining a Certificate of Occupancy.
5. Metal waste containers shall be provided at the site to facilitate the collection of refuse material generated from construction activities. Such material shall not be buried or burned at the site.
6. Installation of soil erosion and sedimentation control and stabilization measures shall be the Permittee's responsibility. Once installed these measures shall then be inspected by the Environmental Planner prior to land disturbance activities. Afterwards it then shall be the Permittee's responsibility to inspect these control measures during, and immediately following, substantial storm events and maintain and/or replace the control measures, when needed, on a regular basis until the site is vegetatively stabilized. Hay bales shall be replaced every 60 days. The Environmental Planner is hereby authorized to require additional soil erosion and sediment controls and stabilization measures to address situations that arise on the site.
7. Details for the building-mounted security lighting shall be depicted on final plans for filing.

APPROVED: TOWN PLAN AND ZONING COMMISSION
SEPTEMBER 17, 2013

SHARON H. PURTILL, CHAIRMAN

GLASTONBURY POLICE DEPARTMENT

2108 MAIN ST./P.O. BOX 6523/GLASTONBURY, CT 06033-6523/(860)652-2301/FAX (860)652-4290

MEMORANDUM

To: Town Plan and Zoning Commission
From: David A. Caron, Chief of Police
Date: August 15, 2013
Subject: Garage/Maintenance Building, 1086 New London Turnpike

Members of the Police Department have reviewed the proposal for the Garage/Maintenance Building located at 1086 New London Turnpike.

The police department has the following concern;

- If there is a burglary type alarm installed at the new facility, there should be a separate location designation for the alarm company to determine where the alarm is generating from.

David A. Caron
Chief of Police

MJC:mjc

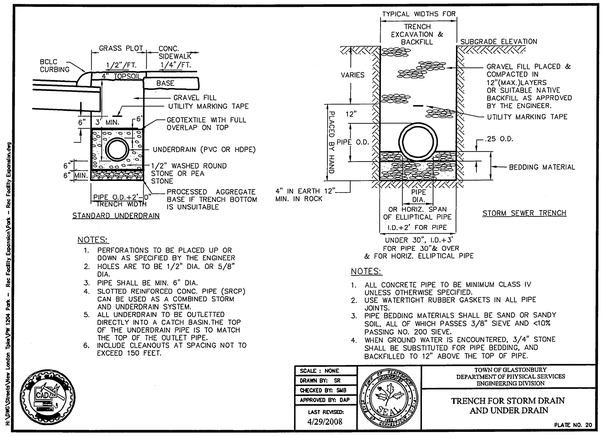
GARAGE/MAINTENANCE BUILDING TOWN OF GLASTONBURY RESERVED LAND
PROJECT/APPLICANT ZONE

1086 NEW LONDON TURNPIKE
PROJECT ADDRESS

SPECIAL PERMIT TPZ CHAIRPERSON

DATE SPECIAL PERMIT APP'D DIRECTOR OF COMMUNITY DEVELOPMENT

FILE NO.



SCALE : NONE	TOWN OF GLASTONBURY DEPARTMENT OF PHYSICAL SERVICES ENGINEERING DIVISION
DRAWN BY: SR	
CHECKED BY: SMB	TRENCH FOR STORM DRAIN AND UNDER DRAIN
APPROVED BY: DAP	
LAST REVISED: 4/29/2008	PLATE NO. 20

J:\DWGS\Streets\New London Tpke\PW 1304 Park - Rec Facility Expansion\Park - Rec Facility Expansion.dwg

TOWN OF GLASTONBURY
FIRE MARSHAL'S OFFICE
SITE PLAN/SUBDIVISION REVIEW

PROJECT: Ray Purtell LOCATION: 1086 New London Turnpike

DEVELOPER: Ray Purtell

__xx__ NEW CONSTRUCTION ___CHANGE OF USE ___SUBDIVISION __xx__ COMMERCIAL

OCCUPANCY CLASSIFICATION: Residence AA F.M.O. FILE # 13-071

PROPOSED FIRE PROTECTION: via 8" MDC water main & the GVFD

ENGINEER'S PLAN # 1-25-13 INITIAL PLAN __xx__ REVISED PLAN____

ENGINEER:

ADDRESS AND PHONE:

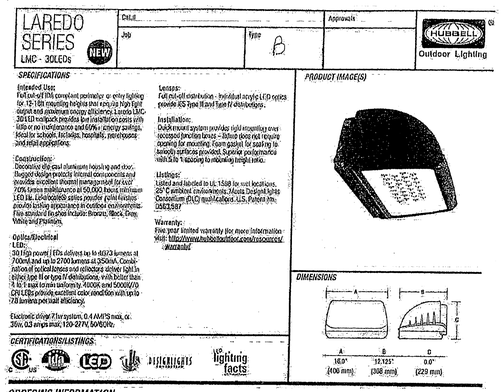
DATE PLANS RECEIVED: 8-12-13 DATE PLANS REVIEWED: 8-13-13

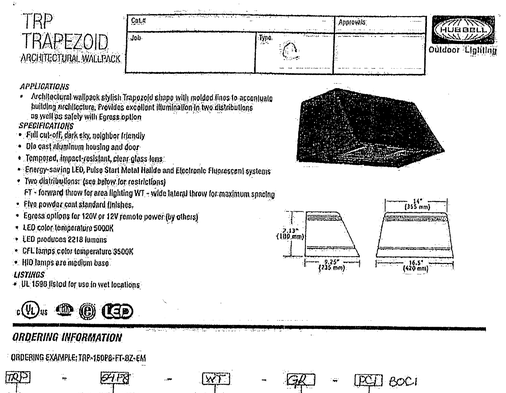
COMMENTS: The posting of address numerals for the entire complex including the proposed building will need to meet the requirements of the Connecticut Fire Safety Code as well as the provisions of the local ordinances.

REVIEWED BY:

PAGE____ OF_____

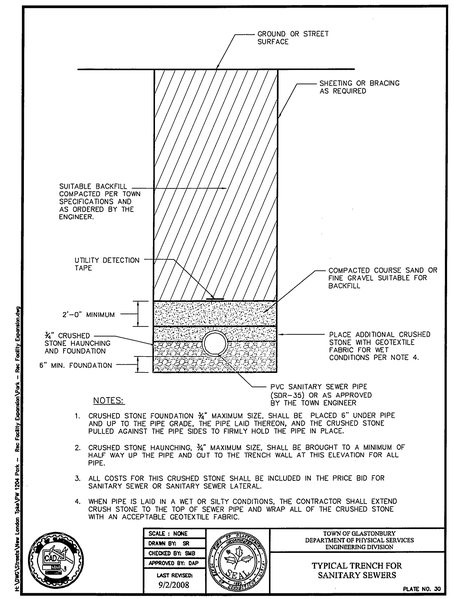
cc: Applicant; File





Quantity: 2
Centered on doors 2+5
Will mount LED fixtures.

Over exit doors.
Quantity 2



SCALE : NONE	TOWN OF GLASTONBURY DEPARTMENT OF PHYSICAL SERVICES ENGINEERING DIVISION
DRAWN BY: SR	
CHECKED BY: SMB	TYPICAL TRENCH FOR SANITARY SEWERS
APPROVED BY: DAP	
LAST REVISED: 9/2/2008	PLATE NO. 30

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Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101

STATE OF CONNECTICUT — DANIEL A. PENNINGTON — No. 20101 — LICENSED PROFESSIONAL ENGINEER

NO.	DESCRIPTION	DATE
	DRAWING ISSUE STATUS	
2.	ISSUED FOR CONSTRUCTION	3-10-2014
1.	ISSUED FOR PERMITTING	1-25-2013

TOWN OF GLASTONBURY CAD ENGINEERING

SCALE: AS SHOWN	DATE:
DRAWN BY: S.Troy	1-10-2013
CHECKED BY: S.M.B.	1-25-2013
APPROVED BY: D.A.P.	1-25-2013
ST. FILE:	

MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON CAD FILE SHOWN IN THE LEFT MARGIN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE AT (860) 652-7735.

TOWN OF GLASTONBURY INCORPORATED 1693 SEAL CONNECTICUT

DETAILS PARKS AND RECREATION FACILITY 1086 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT

SHEET NO. 3 OF 3