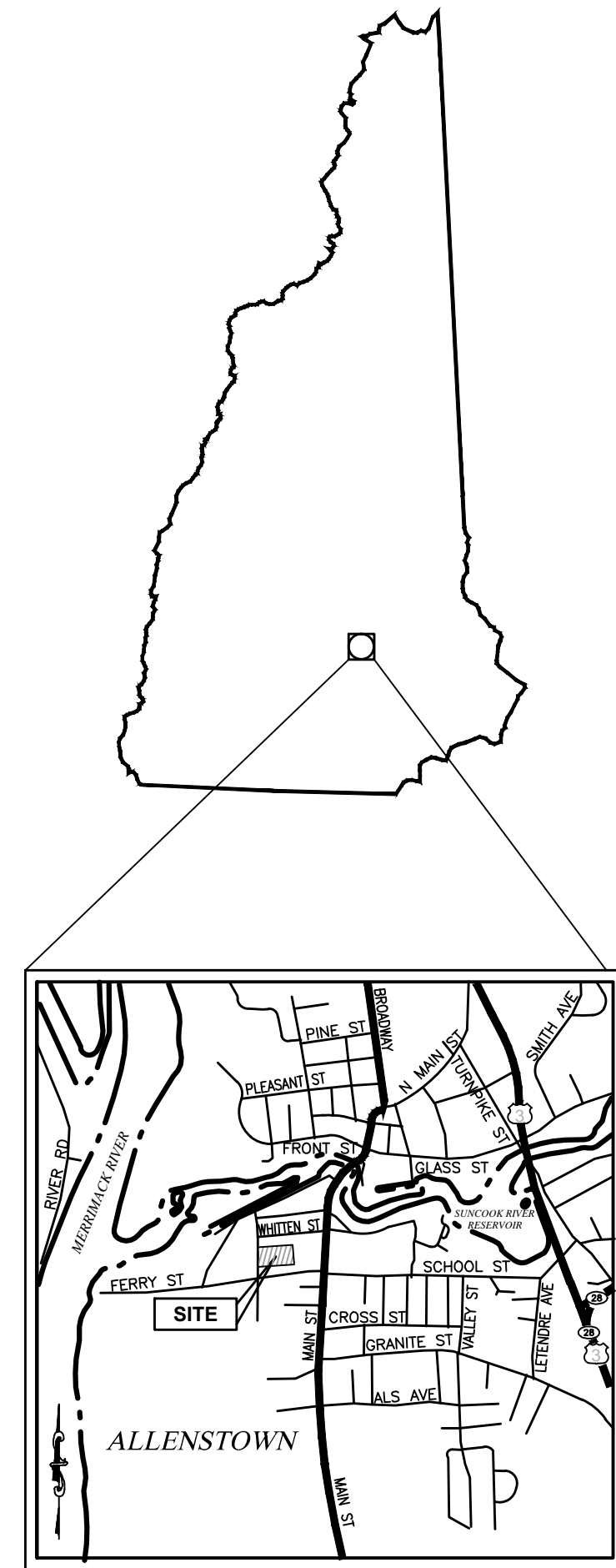


SITE DESIGN PLANS FOR THE

PROPOSED ALLENSTOWN COMMUNITY CENTER

8 WHITTEN STREET ALLENSTOWN, NH

MARCH 18, 2015



LOCATION PLAN
NOT TO SCALE



PROPOSED BUILDING ELEVATION
NOT TO SCALE

LIST OF DRAWINGS

DWG #	SHEET#	TITLE
C1	1	TITLE SHEET
C2	2	CIVIL NOTES & LEGEND
C3	3	EXISTING CONDITIONS PLAN
C4	4	PROPOSED SITE & UTILITY PLAN
C5	5	GRADING, DRAINAGE & EROSION CONTROL PLAN
C6	6	LIGHTING PLAN
C7	7	EROSION CONTROL NOTES & DETAILS
C8	9	CONSTRUCTION DETAILS - 1
C9	9	CONSTRUCTION DETAILS - 2
C10	10	CONSTRUCTION DETAILS - 3
C11	11	CONSTRUCTION DETAILS - 4
C12	12	BUILDING ELEVATIONS & FLOOR PLANS

UTILITY CONTACTS:

WATER:

PEMBROKE WATER WORKS
346 PEMBROKE ST. PEMBROKE, NH 03275
CONTACT: MATTHEW GAGNE
(603) 485-3362

SEWER:

ALLENSTOWN SEWER DEPARTMENT
35 CANAL ST. ALLENSTOWN, NH 03106
CONTACT: DANA CLEMENT
(603) 485-5600

ELECTRIC:

EVERSOURCE
8 EAST POINT DRIVE
HOOKSETT, NH 03106
CONTACT: DAN PARISEAU
(603) 634-2064

TELEPHONE:

FAIRPOINT COMMUNICATIONS
CONTACT: WAYNE HACKETT
(603) 494-4079

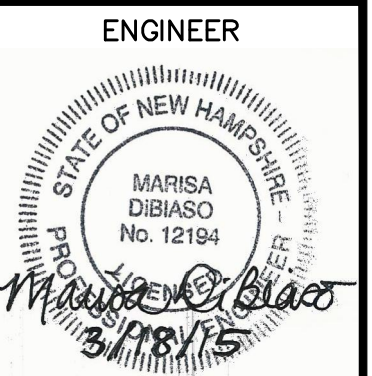
GAS:

LIBERTY UTILITIES
CONTACT: ANDY MORGAN
130 ELM ST. MANCHESTER, NH
(603) 782-2321

CABLE:

COMCAST
CONTACT: TOM REED
(603) 889-6718

**ISSUED FOR
SITE PLAN REVIEW**



REV.	DATE	DESCRIPTION
2	3/26/15	MINOR REVISIONS PER PLANNING COMM. REVIEW
1	3/18/15	ISSUED FOR SITE PLAN REVIEW

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Hoyle, Tanner & Associates, Inc.
100 International Dr. #360, Portsmouth, NH 03801
Tel: (603) 431-2520 Fax: (603) 431-8667 Web: www.hoyletanner.com
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DESIGNED BY: MAD
CHECKED BY: WRD
DATE: MARCH 18, 2015
SCALE: AS SHOWN

CLIENT: TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275

PROJECT: ALLENSTOWN COMMUNITY CENTER
SITE PLAN
ALLENSTOWN, NH

TITLE SHEET
C1
PROJECT NO. 562801
SHEET 1 OF 12

ABBREVIATIONS:

Table listing abbreviations and their corresponding full names, such as ABAN (ABANDONED), AC (ASBESTOS CONCRETE), ADJ (ADJUST), etc.

GENERAL NOTES:

- 1. NO WETLANDS WERE IDENTIFIED WITHIN THE PARCEL.
2. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES...
3. THIS PROJECT IS TO BE CONSTRUCTED TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS...

PLAN REFERENCES:

- 1. "TOWN OF ALLENSTOWN PARK PROPERTY, ALLENSTOWN, NEW HAMPSHIRE", DATED 11-11-77, SCALE 1"=30', BY DICKSON, HOLDEN AND ASSOCIATES. JOB NO.63-11-342-77.
2. "EXISTING CONDITIONS PLAN LOTS 112-267 & 112-273 ALLENSTOWN, NH", DATED 08-15-12, SCALE 1"= 30', BY HOLDEN ENGINEERING AND SURVEYING, INC. JOB NO. 1220226.

UTILITY NOTES:

- 1. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL COORDINATE WITH THE UTILITY COMPANIES FOR RELOCATING AND/OR SUPPORTING THEIR UTILITIES IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO EXISTING FACILITIES AT ALL TIMES. IF ANY DISRUPTION MUST OCCUR, CONTRACTOR SHALL NOTIFY AND COORDINATE WITH FACILITY AT LEAST 72 HOURS IN ADVANCE.

DRAINAGE NOTES:

- 1. THE STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. ALL PIPE MATERIALS SHALL BE AS SPECIFIED ON THE PLANS. CONSTRUCTION METHODS SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS, SECTION 603. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO SECTION 604. ALL CATCH BASIN GRATES SHALL BE TYPE B AND CONFORM TO NHDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. PROPOSED RIM ELEVATIONS OF DRAINAGE MANHOLES AND CATCH BASINS ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES.

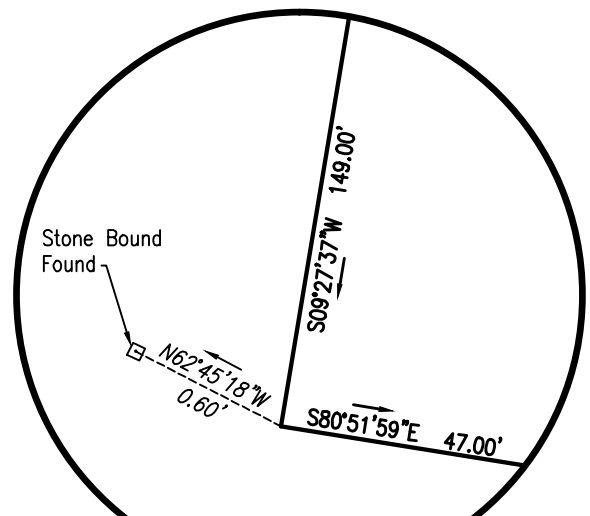
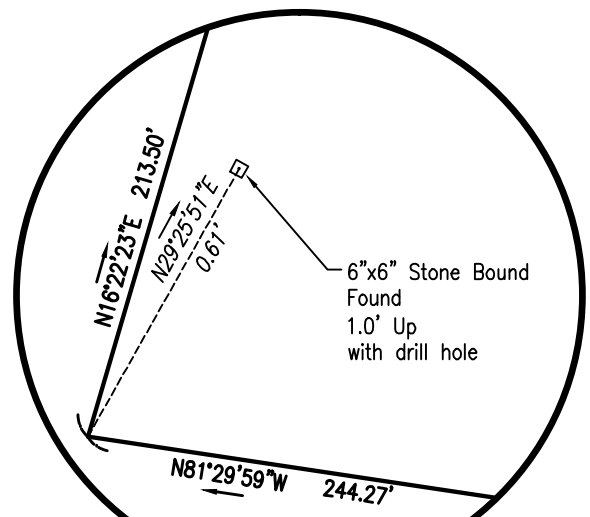
EARTHWORK & GRADING NOTES:

- 1. GRADE AWAY FROM BUILDING WALLS AT 2% MINIMUM (TYPICAL).
2. PROVIDE UNIFORM SLOPE BETWEEN CONTOURS AND/OR SPOT ELEVATIONS.
3. EARTH SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL:VERTICAL) AND SHALL BE FLATTER WHERE SHOWN.

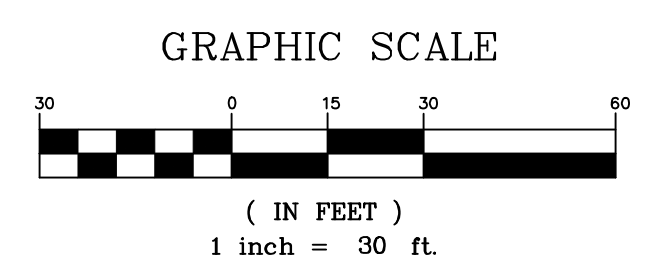
LEGEND

Legend table with columns: EXISTING, PROPOSED, DESCRIPTION. Includes symbols for PROPERTY LINE, RIGHT OF WAY, EASEMENT, BUILDING SETBACK, PARKING SETBACK, SURVEY MONUMENT, BASELINE, LIMIT OF DEVELOPMENT, ROCK/LEDGE, EDGE OF GRAVEL, EDGE OF PAVEMENT, EDGE OF CONCRETE, SLOPED GRANITE CURB, VERTICAL GRANITE CURB, SAWCUT, BUILDING, BUILDING ENTRANCE, LOADING DOCK, BOLLARD, SIGN, DOUBLE SIGN, GUARDRAIL, TREE, TREELINE, CHAINLINK FENCE, FENCE, RETAINING WALL, STREAM/POND/WATERCOURSE, HAYBALES, SILT FENCE, DRAINAGE FLOW, SWALE, MINOR CONTOUR, MAJOR CONTOUR, TRAFFIC ARROW, PARKING COUNT, SINGLE WHITE LINE, DOUBLE YELLOW LINE, STOP LINE, CROSSWALK, ACCESSIBLE CURB RAMP, DETECTABLE WARNING PANEL, ACCESSIBLE PARKING, VAN-ACCESSIBLE PARKING, SPOT ELEVATION, MONITORING WELL, UNDER DRAIN, DRAIN, SEWER, OVERHEAD WIRE, WATER, FIRE PROTECTION, GAS, UNDERGROUND ELECTRIC, TELEPHONE, CABLE TV, TEL/DATA, CATCH BASIN, DOUBLE CATCH BASIN, DRAIN MANHOLE, PLUG OR CAP, CLEANOUT, FLARED END SECTION, HEADWALL, SEWER MANHOLE, WATER SHUT-OFF, WATER VALVE & BOX, GAS GATE, GAS METER, ELECTRIC MANHOLE, ELECTRIC METER, LIGHT POLE, TRANSFORMER PAD, UTILITY POLE, GUY POLE, GUY WIRE & ANCHOR, TELEPHONE MANHOLE, INLET PROTECTION, STONE CHECK DAM, TREE TO BE REMOVED.

Professional Engineer seal for Marisa DiBasso, No. 12194, State of New Hampshire. Includes project information: CLIENT (TOWN OF ALLENSTOWN), PROJECT (ALLENSTOWN COMMUNITY CENTER SITE PLAN), SCALE (NTS), DATE (MARCH 18, 2015), and SHEET 2 OF 12.



- EXISTING CONDITIONS NOTES:**
1. THE OWNER OF RECORD OF MAP 112 LOT 267 IS TOWN OF ALLENSTOWN, NH, 16 SCHOOL STREET, ALLENSTOWN, NH 03271. THE OWNER OF RECORD OF MAP 112 LOT 273 IS OFY-USA, INC. CITIES SERVICE OIL & GAS CORPORATION, P O BOX 27570, HOUSTON, TX 77227.
 2. REFERENCE THE SUBJECT PARCELS AS MAP 112 LOT 267 AND 273 ON THE TOWN OF ALLENSTOWN, NH ASSESSOR'S MAPS.
 3. DEED REFERENCE FOR THE SUBJECT PARCELS ARE LOT 112-267 BOOK 600 PAGE 584 AND LOT 112-273 BOOK 1499 PAGE 853 AS RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS.
 4. THE AREA OF SUBJECT PARCELS ARE LOT 112-267 75,857 SQUARE FEET OR 1.741 ACRES AND LOT 112-273 4,800 SQUARE FEET OR 0.110 ACRES.
 5. VERTICAL DATUM BASED ON REFERENCE PLAN NUMBER 1.
 6. THE PARCEL IS LOCATED IN THE R1 RESIDENTIAL ZONING DISTRICT AND THE INFILL DEVELOPMENT OVERLAY DISTRICT.
 7. PLAN BASED ON "EXISTING CONDITIONS PLAN LOTS 112-267 & 112-273 ALLENSTOWN, NH", DATED 08-15-12, SCALE 1" = 30', BY HOLDEN ENGINEERING AND SURVEYING, INC. JOB NO. 1220226.
 8. GROUNDWATER BENEATH THE SITE (WHITTEN STREET PARK) IS PART OF A GROUNDWATER MANAGEMENT ZONE DESCRIBED IN NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES PROTECTION PERMIT # GMP-1984-00003-A-003. GROUNDWATER WITHIN THIS ZONE MAY CONTAIN DISSOLVED VOLATILE ORGANIC COMPOUNDS AT CONCENTRATIONS GREATER THAN THE AMBIENT WATER QUALITY CRITERIA.



ENGINEER

STATE OF NEW HAMPSHIRE
MARISA DIABASO
No. 12194

NO.	REVISION DESCRIPTION	DATE
2	MINOR REVISIONS PER PLANNING COMM. REVIEW	3/26/15
1	ISSUED FOR SITE PLAN REVIEW	3/18/15

CHECKED BY: WRD
DRAWN BY: MAD
DESIGNED BY: MAD
DATE: MARCH 18, 2015
SCALE: 1" = 30'

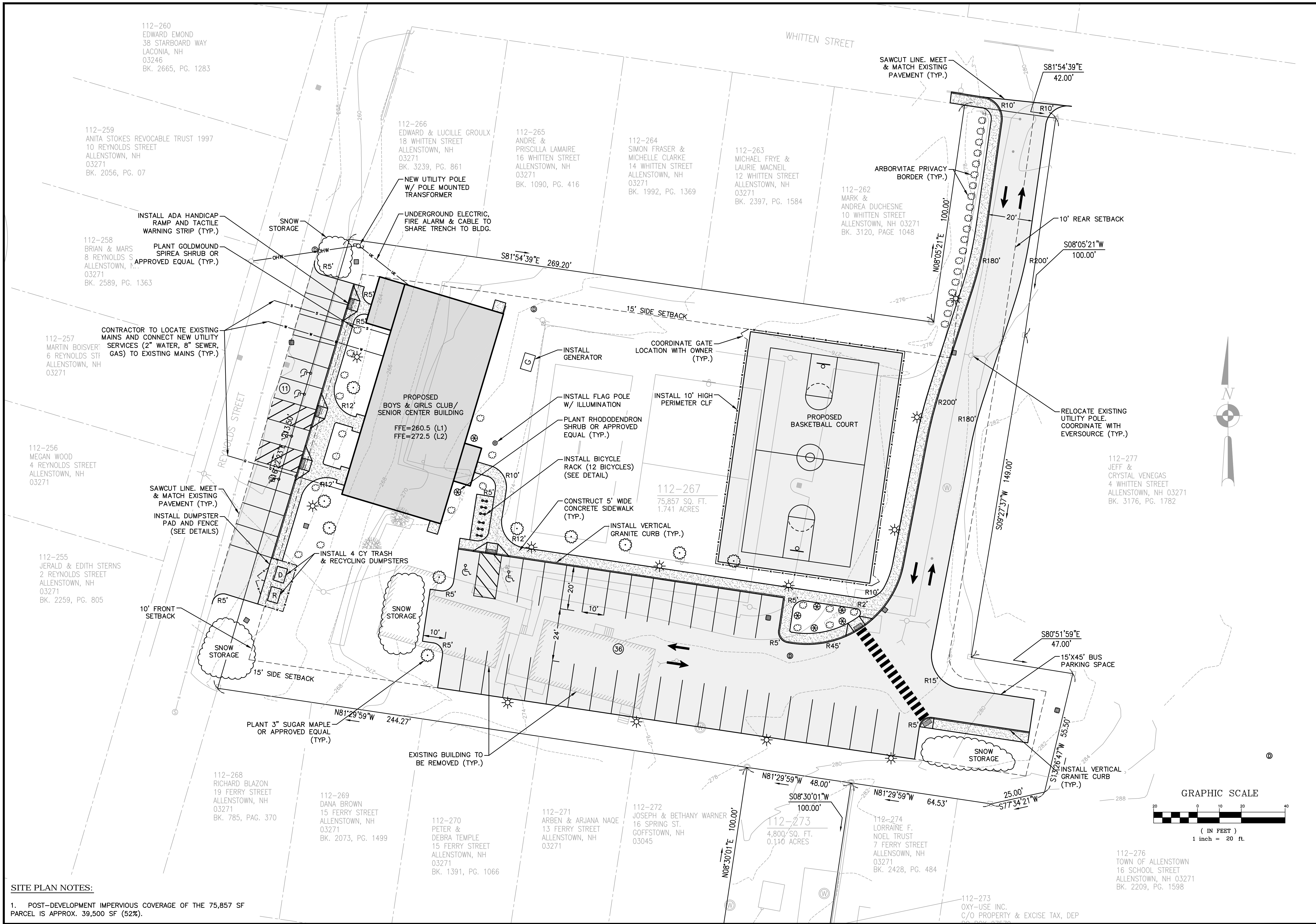
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PROJECT
ALLENSTOWN COMMUNITY CENTER
SITE PLAN
ALLENSTOWN, NH

EXISTING CONDITIONS PLAN

C3

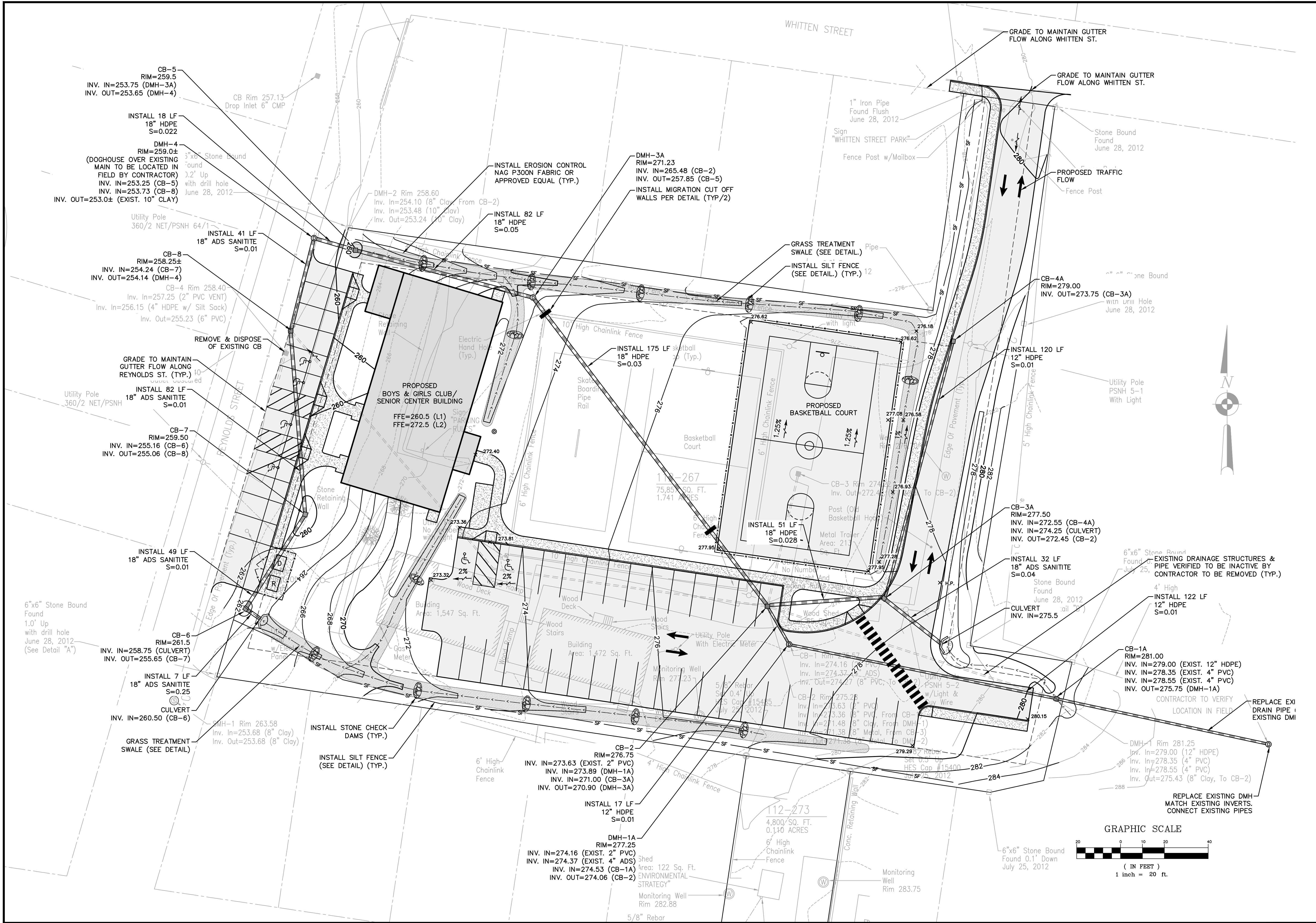
PROJECT NO. 562801
SHEET 3 OF 12



SITE PLAN NOTES:

1. POST-DEVELOPMENT IMPERVIOUS COVERAGE OF THE 75,857 SF PARCEL IS APPROX. 39,500 SF (52%).

ENGINEER	
	DATE
	3/26/15
	3/18/15
	REVISION DESCRIPTION
	2 MINOR REVISIONS PER PLANNING COMM. REVIEW
	1 ISSUED FOR SITE PLAN REVIEW
	REV.
	WRD
	MAD
	MAD
	MARCH 18, 2015
	DATE:
	DESIGNED BY
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Hoyle, Tanner & Associates, Inc.	
CLIENT TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275	PROJECT ALLENSTOWN COMMUNITY CENTER SITE PLAN ALLENSTOWN, NH
PROPOSED SITE & UTILITY PLAN C4	
PROJECT NO. 562801 SHEET 4 OF 12	



ENGINEER	DATE
3/26/15	3/18/15
2	MINOR REVISIONS PER PLANNING COMM. REVIEW
1	ISSUED FOR SITE PLAN REVIEW
WRD	CHECKED BY
MAD	DRAWN BY
MAD	DESIGNED BY
MARCH 18, 2015	DATE
1" = 20'	SCALE
ALLENSTOWN COMMUNITY CENTER SITE PLAN ALLENSTOWN, NH	PROJECT
GRADING, DRAINAGE & EROSION CONTROL PLAN	CLIENT
C5	PROJECT NO. 562801
SHEET 5 OF 12	

MODULAR LED STREET LIGHT

REPLACES: 50-800W HID Street Light

PART#: EWM-1-STR-XXX-CBR-1



SAVINGS 50% +



SPECIFICATIONS

Watts	35-230
Lamp Efficiency	105LM/W
Lumens	3675-24150
LED Color Temperature	4000K 5000K 57000K
Color Rendering Index	>70
Light Distribution	Type I, II, III, V
Input Voltage Frequency	AC100-277V 50/60Hz 12-24 VDC
Power Factor	>0.90
Power Efficiency	91%
Operating Temperature	-40°C to +50°C
IP Rating	IP66 Class I
Lifespan	L70 hours @ 25C 70,000 hours
Warranty	5 years

Model	Wattage	Replaces HID	Lumens	Features:
LED-STRT-35	35W	50-100W	3,675	Replaceable and upgradeable modular design. Easy installation and maintenance. 5 year manufacturer warranty
LED-STRT-65	65W	100-250W	6,825	
LED-STRT-100	100W	250-400W	10,500	
LED-STRT-135	135W	400W	14,175	
LED-STRT-165	165W	550W	17,325	
LED-STRT-200	200W	700W	21,000	Options:
LED-STRT-235	230W	800W	24,150	0-10V dimming
				Photocell

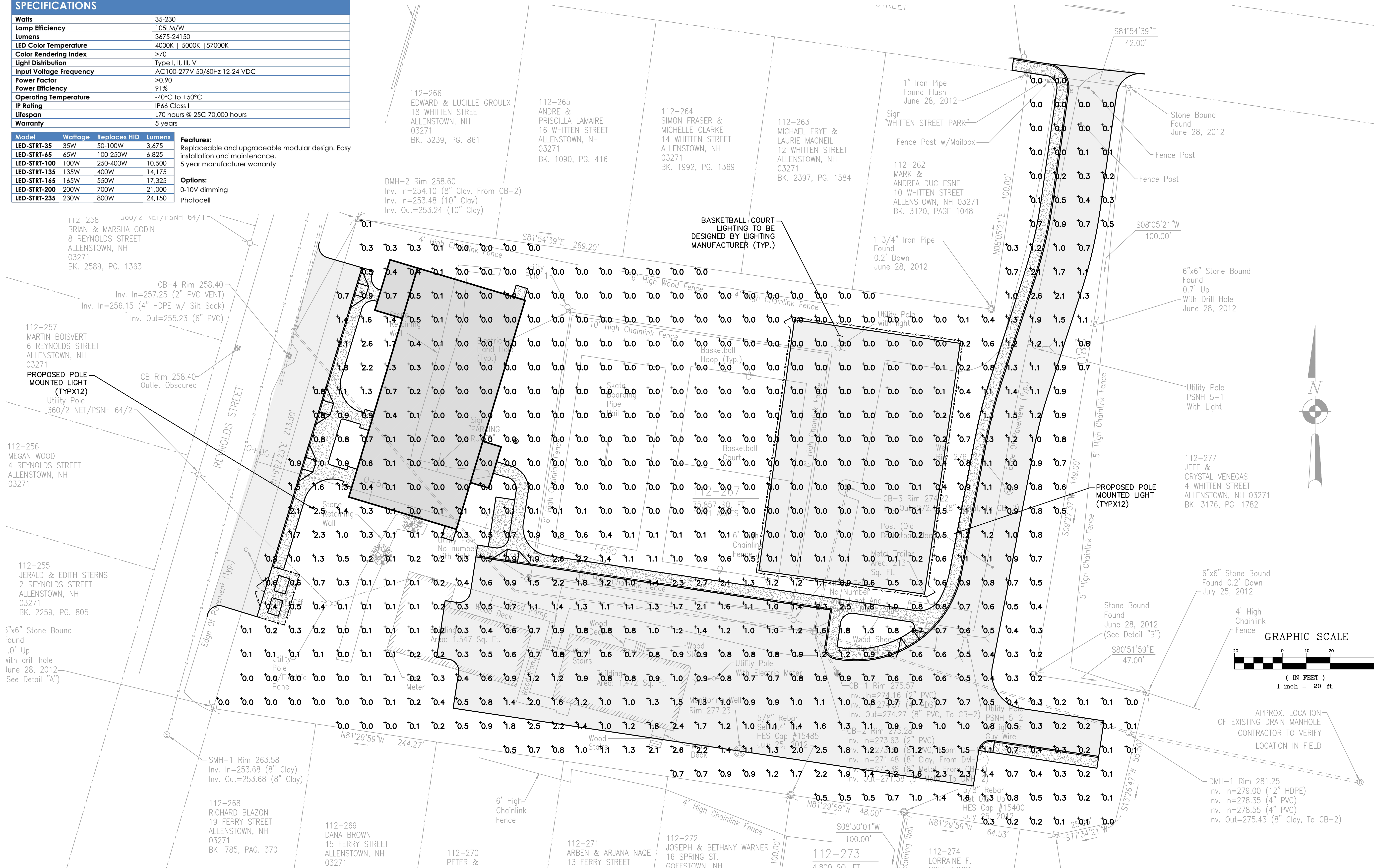
NOTES:

- REFER TO DWG C2 FOR NOTES, ABBREVIATIONS AND LEGEND.
- REFER TO DWG C4 FOR OVERALL SITE PLAN.
- LIGHTING SPOTS SHOWN ARE MEASURED IN FOOT-CANDLES.
- LIGHTING DESIGN PREPARED USING VISUAL PROFESSIONAL EDITION LIGHTING SOFTWARE VERSION 2.06.0140.
- COORDINATE LIGHT POLE BASE LOCATIONS, CONDUIT ROUTING, CONDUIT SIZE AND POWER SUPPLY WITH ARCHITECTURAL DRAWINGS.

LUMINAIRE SCHEDULE					
SYMBOL	QTY	PART NUMBER	DESCRIPTION	LAMP	WATTS
	12	EWM-1-STR-035-CBR-1	35W LED COBRA HEAD STREET LIGHT, 100-277V, UL/DLC, 5000K, 3675 LUMENS W/NEMA PHOTOCCELL SOCKET	35-WATT LED, AIMED DOWN POS.	35

LIGHTING HOURS:

- LIGHTING IS TO BE PHOTO SENSITIVE TO TURN ON AT DARK AND REMAIN ON UNTIL 11PM. WALL MOUNTED AND BOLLARD LIGHTING MAY REMAIN ON THROUGHOUT THE NIGHT FOR SECURITY PURPOSES.



ENGINEER

PROJECT: ALLENSTOWN COMMUNITY CENTER SITE PLAN

CLIENT: TOWN OF ALLENSTOWN

DATE: MARCH 18, 2015

SCALE: 1" = 20'

DESIGNED BY: MAD

CHECKED BY: WRD

DRAWN BY: MAD

ISSUED FOR SITE PLAN REVIEW: 3/18/15

MINOR REVISIONS PER PLANNING COMM. REVIEW: 3/26/15

REVISION DESCRIPTION

1

2

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PROJECT NO. 562801

SHEET 6 OF 12

C6

LIGHTING PLAN

EROSION CONTROL NOTES:

A. GENERAL NOTES

- DURING CONSTRUCTION, AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. THE SMALLEST PRACTICAL AREA OF LAND (5 ACRES MAXIMUM) SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO A MAXIMUM OF 72 HOURS BEFORE APPLYING TEMPORARY OR PERMANENT EROSION CONTROL MEASURES. CONFINE PERIOD OF DISTURBED AND UNSTABILIZED SOILS TO A MAXIMUM OF FORTY-FIVE DAYS. ALL DITCHES AND SWALES ARE REQUIRED TO BE STABILIZED PRIOR TO DIRECT RECEIPT OF ANY FLOW.
- INSTALL SILT FENCE WHERE SHOWN PRIOR TO CONSTRUCTION START. INSTALL AROUND ALL EXISTING DRAINAGE STRUCTURES ADJACENT TO PROJECT. DO NOT REMOVE SILT BARRIERS UNTIL DISTURBED AREAS ARE FULLY COVERED WITH TURF OR OTHER APPLICABLE SURFACE MATERIAL. ALL PONDS ARE TO BE CONSTRUCTED AND STABILIZED PRIOR TO ANY OTHER DRAINAGE SYSTEM WORK, INCLUDING DITCH AND SWALE EXCAVATION.
- EROSION AND SEDIMENT CONTROL PRACTICES INCLUDE THE USE OF THE FOLLOWING SILT FENCE BARRIERS, PERMANENT DETENTION/SEDIMENTATION POND BASIN, GRASS AND/OR ROCK LINED SWALES, DIVERSIONS WITH LEVEL SPREADERS. ALL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS CONTAINED IN THE "NH STORMWATER MANUAL", VOLUME 3, DECEMBER 2008.
- SEE PLANS FOR ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE REQUIRED.
- CONSTRUCTION AREA SHALL BE CONSIDERED STABLE IF:
 - AREAS TO RECEIVE PAVEMENT, COMPACTED BASE COURSE GRAVELS HAVE BEEN INSTALLED
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - CUT AND FILL SLOPE HAVE A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP OR EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

B. VEGETATIVE MEASURES

- TOPSOIL STOCKPILING: TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR LATER USE ON CRITICAL AREAS AND ALL OTHER AREAS TO BE SEED. THE STOCKPILE WILL NOT BE COMPACTED AND SHALL BE STABILIZED AGAINST EROSION WITH TEMPORARY SEEDING.
- TEMPORARY SEEDING:
 - BEDDING - REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 3" TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.
 - FERTILIZER - FERTILIZER SHOULD BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10-10-10 MIX OF FERTILIZER SHOULD BE APPLIED AT A RATE OF 300 POUNDS PER ACRE (OR 7 POUNDS PER 1,000 S.F.).
 - SEED MIXTURE - USE ANY OF THE FOLLOWING IN UPLAND AREAS:
 - SEEDING RATE:

SPECIES	ACRE	1,000 S.F.	PER ACRE RATES	DEPTH
WINTER RYE	112 LBS.	2.5 LBS.	8/15-9/5	1 IN.
OATS	80 LBS.	2.0 LBS.	SPRING-5/15	1 IN.
ANNUAL RYE GRASS	40 LBS.	1.0 LBS.	4/15-9/15	0.25IN.
- MULCHING - WHERE IT IS IMPRACTICAL TO INCORPORATE FERTILIZER AND SEED INTO MOIST SOIL, THE SEEDING AREA SHALL BE MULCHED TO FACILITATE GERMINATION. MULCH IN THE FORM OF STRAW SHOULD BE APPLIED AT A RATE OF 70 TO 90 LBS. PER 1,000 S.F.

3. PERMANENT SEEDING:

- BEDDING - STONES LARGER THAN 4", TRASH, ROOTS, AND OTHER DEBRIS THAT WILL INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA SHOULD BE REMOVED. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF 4" TO PREPARE A SEEDBED AND MIX FERTILIZER INTO THE SOIL.
- FERTILIZER - LIME AND FERTILIZER SHOULD BE APPLIED EVENLY OVER THE AREA PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

AGRICULTURAL LIMESTONE	100 LBS. PER 1,000 S.F.
10-20-20 FERTILIZER	12 LBS. PER 1,000 S.F.

h. SEEDING MIXTURE (RECOMMENDED)

SLOPE WORK

SPECIES	PER ACRE	PER 1,000 S.F.	USE
CROWN VETCH	15	0.34	ALL SLOPE WORK
PERENNIAL RYE GRASS	30	0.69	
CREeping RED FESCUE	35	0.80	
RED TOP	5	0.11	
ALSIKE CLOVER	5	0.11	
BIRDSFOOT TREFOIL	5	0.11	
TOTAL	95	2.18	

TREATMENT SWALES

SPECIES	PER ACRE	PER 1,000 S.F.	USE
TALL FESCUE	35	0.80	TREATMENT SWALES
SWITCH GRASS	35	0.80	
JAPANESE MILLET	90	2.00	
TOTAL	160	3.60	

i. MULCHING - MULCH SHOULD BE USED ON HIGHLY ERODIBLE SOILS, ON CRITICALLY ERODING AREAS, AND ON AREAS WHERE CONSERVATION OF MOISTURE WILL FACILITATE PLANT ESTABLISHMENT.

TYPE	RATE PER 1,000 S.F.	USE AND COMMENTS
STRAW	70 TO 90 LBS.	MUST BE DRY AND FREE FROM MOLD. MAY BE USED WITH PLANTINGS
WOOD CHIPS OR BARK MULCH	460 TO 920 LBS.	USED MOSTLY WITH TREES AND SHRUB PLANTINGS
JUTE AND FIBROUS MATTING	AS PER MANUFACTURER SPECIFICATIONS	USED IN SLOPE AREAS, WATER COURSES AND OTHER AREAS
CRUSHED STONE		SPREAD MORE 1/4" TO 1 1/2" DIA THAN 1/2" THICK. EFFECTIVE IN CONTROLLING WIND AND WATER EROSION.

j. SODDING - SODDING IS DONE WHERE IT IS DESIRABLE TO RAPIDLY ESTABLISH COVER ON A DISTURBED AREA. SODDING AN AREA MAY BE SUBSTITUTED FOR PERMANENT SEEDING PROCEDURES ANYWHERE ON SITE. BED PREPARATION, FERTILIZING, AND PLACEMENT OF SOD SHALL BE PERFORMED ACCORDING TO THE S.C.S. HANDBOOK.

C. STRUCTURAL MEASURES

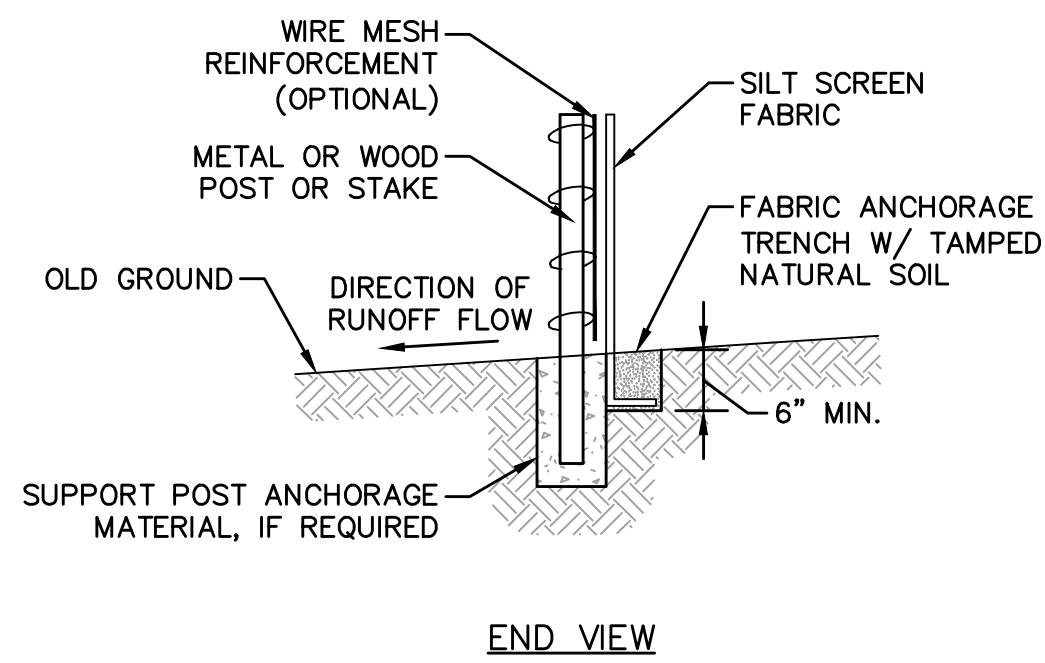
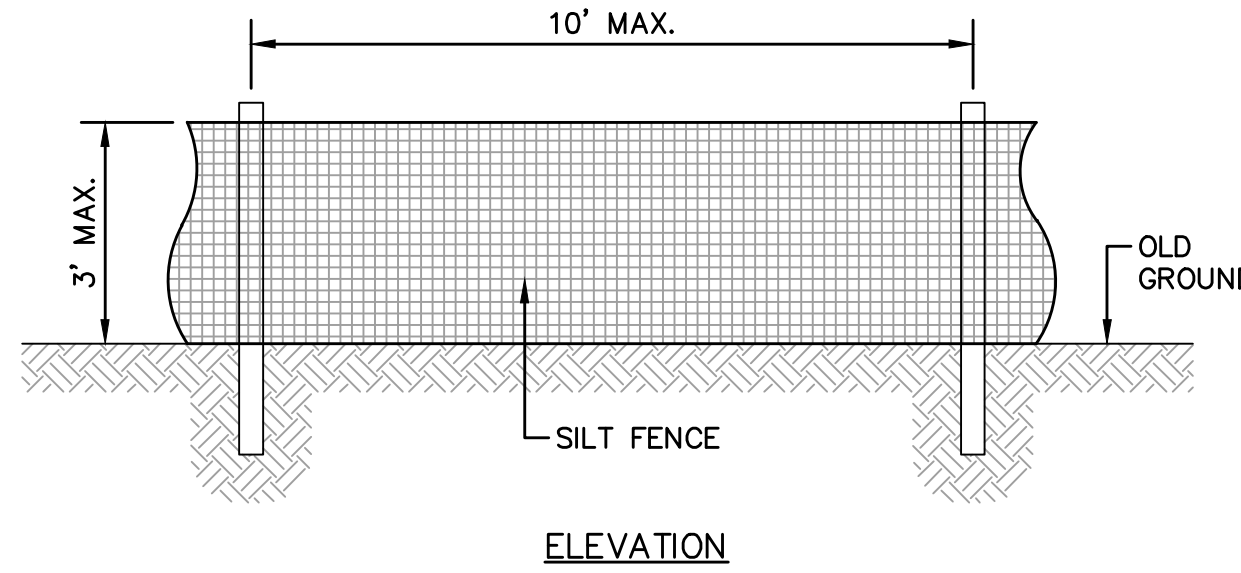
- STRAW BALE BARRIERS/SILT SCREEN FENCES: STRAW BALE BARRIERS AND/OR SILT SCREEN FENCES ARE TO BE INSTALLED IN THE AREAS SHOWN ON THE PLAN. THEY ARE INTENDED PRIMARILY TO INTERCEPT AND FILTER SMALL VOLUMES OF "SHEET FLOWING" RUNOFF, OR AS SEDIMENT TRAPS IN SMALL SWALES. STRAW BALES HAVE A USEFUL LIFE OF 3 MONTHS WHEN WET, AND THEREFORE, MUST BE INSPECTED AND REPAIRED OR REPLACED PERIODICALLY. SILT SCREEN FENCES WILL FUNCTION 6 MONTHS OR LONGER IF KEPT FREE OF SEDIMENT ACCUMULATIONS (SEE DETAILS FOR ADDITIONAL INFORMATION).
- SWALES: TEMPORARY AND/OR PERMANENT SWALES ARE TO BE INSTALLED AS SHOWN ON THE PLAN. SWALES ARE USED TO CONVERT SHEET FLOW TO CHANNEL FLOW AND CONVEY THE RUNOFF TO A PERMANENT CHANNEL, STORM DRAIN, OR DETENTION/SEDIMENT STRUCTURE. SWALES ARE INTENDED TO INTERCEPT RUNOFF AND DIVERT IT FROM AN EXPOSED NEWLY SEEDING SLOPE TOWARD AN ACCEPTABLE OUTLET OR TO REDUCE THE VELOCITY OF RUNOFF FLOWING DOWN FROM A DRAINAGE AREA.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED OF 1.5 INCH STONE ACROSS THE FULL WIDTH OF THE VEHICLE INGRESS EGRESS AREA. THE STONE PAD SHOULD BE AT LEAST 50 FEET LONG, 25 FEET WIDE AND AT LEAST 6 INCHES THICK. ADDITIONAL STONE MAY HAVE TO BE ADDED PERIODICALLY TO MAINTAIN THE PROPER FUNCTIONING OF THE PAD.
- CATCH BASIN SEDIMENT FILTER: STONE CATCH BASIN SEDIMENT FILTERS ARE TO BE INSTALLED IN THE AREAS SHOWN ON THE PLAN. THEY ARE INTENDED PRIMARILY FILTER SMALL VOLUMES OF "SHEET FLOWING" RUNOFF. CATCH BASIN SEDIMENT FILTERS SHALL BE CONSTRUCTED OF FILTER FABRIC BEING INSTALLED OVER INLET GRATE, AND 3/4" WASHED CRUSHED STONE, 12 INCHES THICK. CATCH BASIN SEDIMENT FILTERS WILL LAST LONGER IF KEPT FREE OF SEDIMENT ACCUMULATIONS (SEE DETAILS FOR ADDITIONAL INFORMATION).

D. MAINTENANCE

- DURING THE PERIOD OF CONSTRUCTION AND/OR UNTIL LONG TERM VEGETATION IS ESTABLISHED:
 - SEEDING AREAS WILL BE FERTILIZED AND WILL BE SEEDING AS NECESSARY TO INSURE VEGETATIVE ESTABLISHMENT.
 - ADDITIONAL STONE MAY HAVE TO BE ADDED TO THE CONSTRUCTION ENTRANCE, ROCK LINED SWALES, ETC., PERIODICALLY TO MAINTAIN THE PROPER FUNCTIONING OF THE EROSION CONTROL STRUCTURE.
 - ALL DIVERSION CHANNELS AND SWALES WILL BE CHECKED WEEKLY AND REPAIRED WHEN NECESSARY UNTIL ADEQUATE VEGETATION IS ESTABLISHED.
 - ALL SILT SCREEN FENCES WILL BE CHECKED WEEKLY. NECESSARY REPAIRS WILL BE MADE TO CORRECT UNDERMINING OR DETERIORATION OF THE BARRIER.
 - EROSION CONTROL MEASURES TO BE INSPECTED WEEKLY AND AFTER EVERY 0.5" OF RAINFALL.

E. WINTER CONSTRUCTION

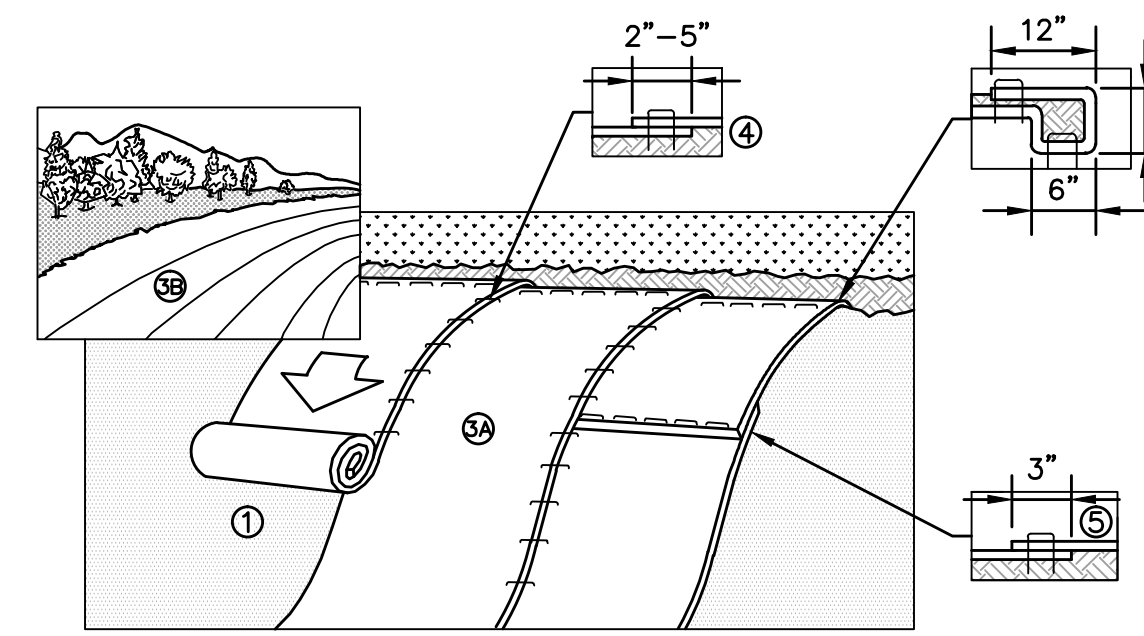
- ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL.



SILT FENCE NOTES:

- SPACING OF FENCE POSTS NOT TO EXCEED 10-0".
- SILT FENCE SHALL BE INSTALLED BEFORE ANY EARTH REMOVAL OR EXCAVATION TAKES PLACE.
- FILTER FABRIC TO BE FASTENED SECURELY TO POSTS WITH WIRE TIES OR STAPLES AT TOP, MIDPOINT AND BOTTOM.
- OVERLAP BY 6". FOLD AND STAPLE ADJOINING SECTIONS OF FILTER FABRIC.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND THE MATERIAL REMOVED WHEN "BULGES" DEVELOP. DO NOT DEPOSIT THE MATERIAL NEAR WETLANDS OR WATERCOURSES.
- FILTER FABRIC SHALL BE ENTRENCHED 6" MINIMUM BELOW EXISTING OR FINISHED GRADE.

1 SILT FENCE EROSION CONTROL DETAIL
SCALE: NONE



SLOPE PROTECTION INSTALLATION NOTES:

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
- INSTALL PRODUCT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

2 SLOPE PROTECTION EROSION CONTROL MATTING DETAIL
SCALE: NONE

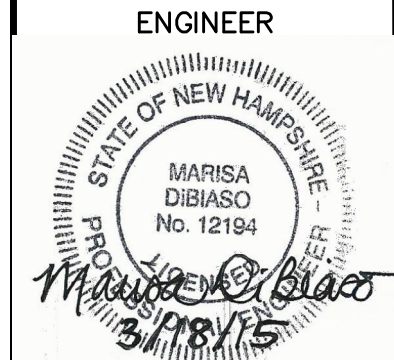
CHANNEL INSTALLATION NOTES:

- INSTALL PRODUCT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH THE PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4"(10") ON CENTER TO SECURE BLANKETS.
- FULL-LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (DEPENDING ON BLANKET TYPE) AND STAPLED TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
- IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30' TO 40' INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF CHANNEL.
- THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTES:

- CRITICAL POINTS
 A. OVERLAPS AND SEAMS
 B. PROJECTED WATER LINE
 C. CHANNEL BOTTOM/SIDE SLOPE VERTICES
- ** HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.
- ** IN LOOSE SOIL CONDITIONS, THE USED OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS

3 CHANNEL EROSION CONTROL MATTING DETAIL
SCALE: NONE



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1	ISSUED FOR SITE PLAN REVIEW	3/18/15
2	MINOR REVISIONS PER PLANNING COMM. REVIEW	3/26/15

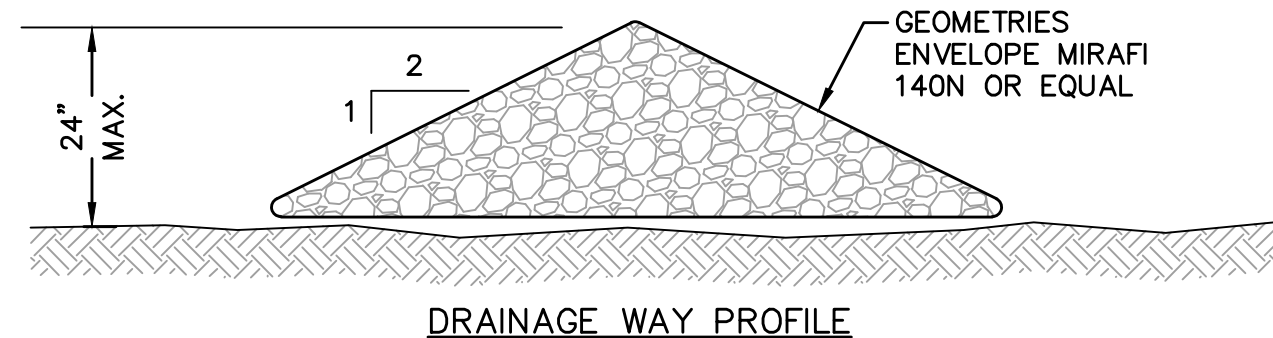
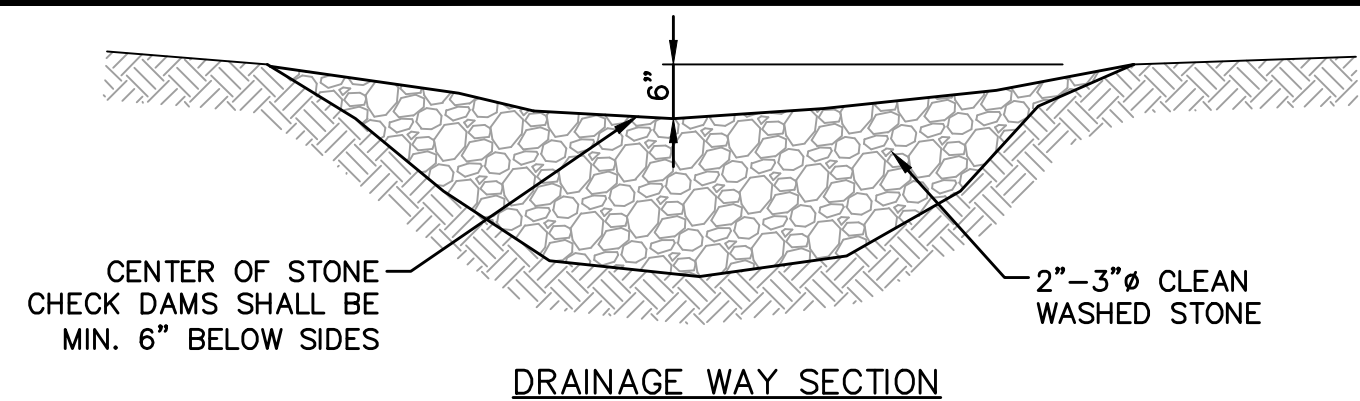
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DATE: MARCH 18, 2015
 SCALE: AS SHOWN

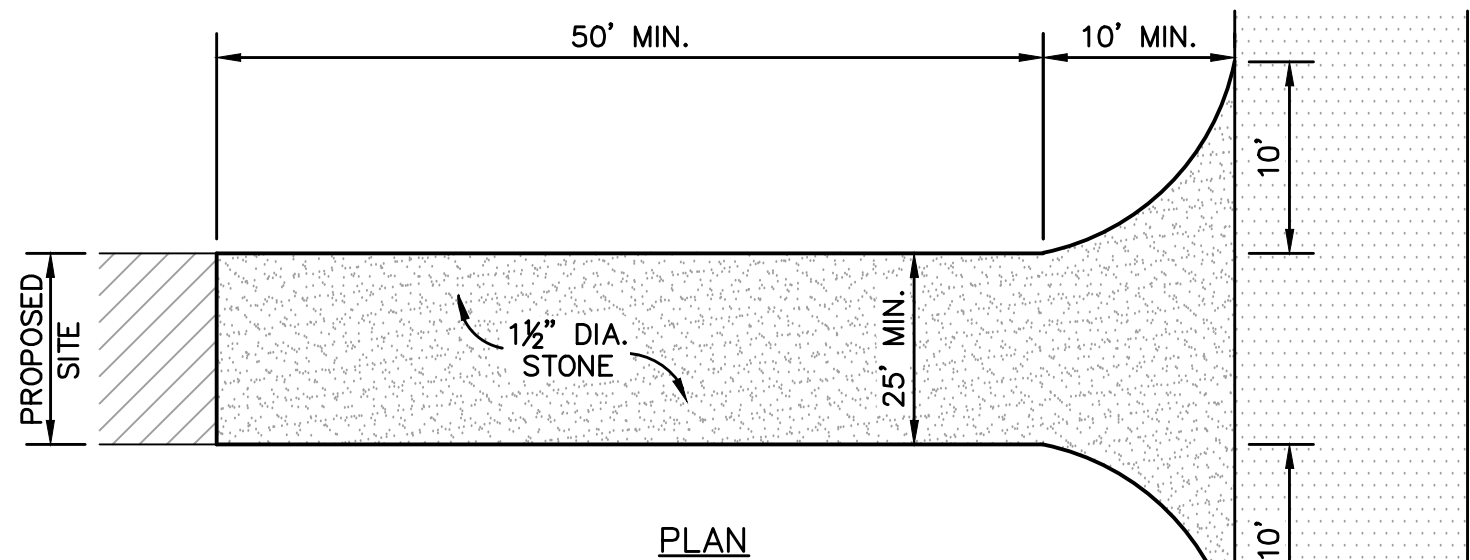
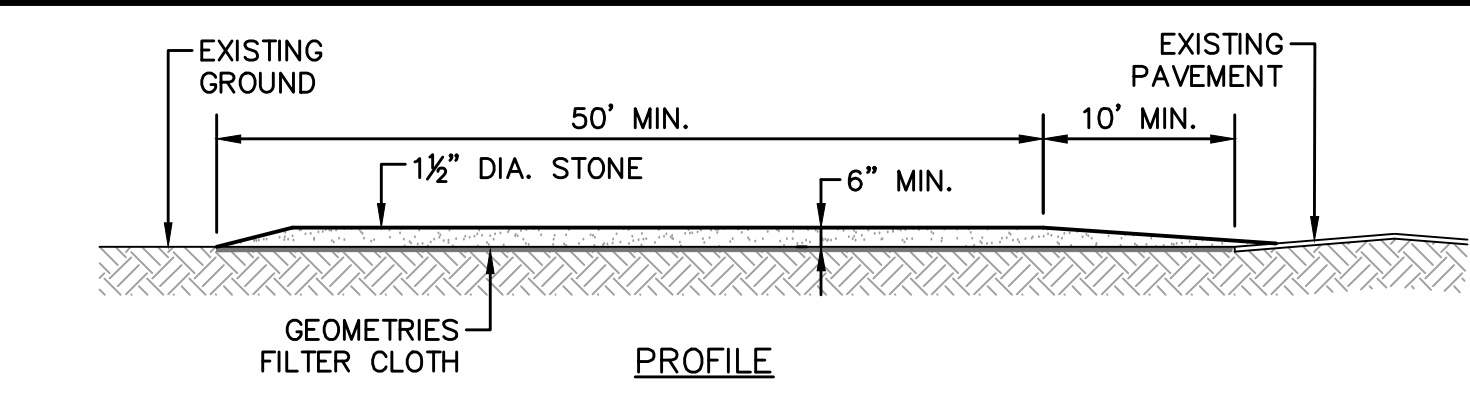
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PROJECT: ALLENSTOWN COMMUNITY CENTER
 SITE PLAN
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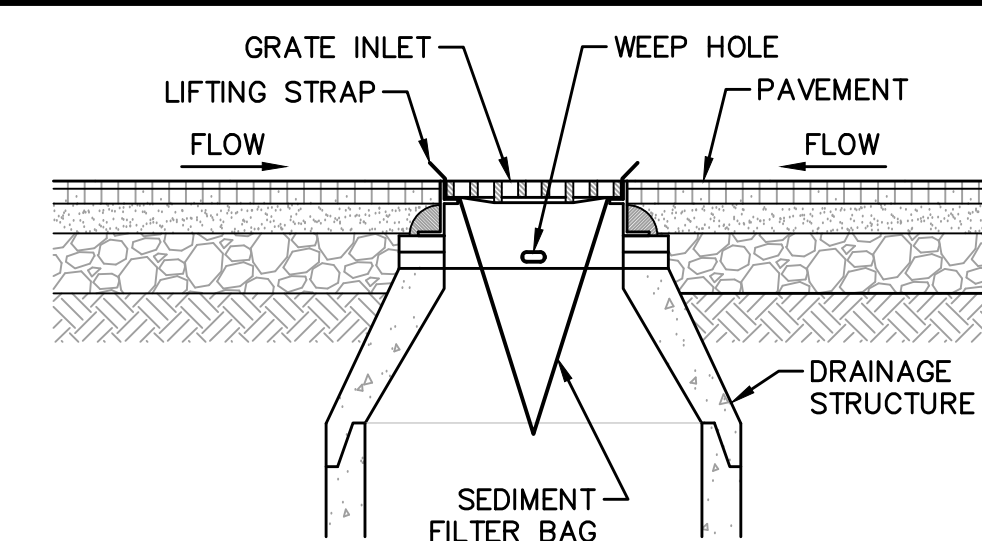
L = THE DISTANCE SUCH THAT THE ELEV. A = ELEV. B.
CHECK DAM SPACING

1 STONE CHECK DAM DETAIL
CB SCALE: NONE



NOTE:
TO BE CONSTRUCTED AT STAGING OR STOCKPILE AREAS AS REQUIRED.

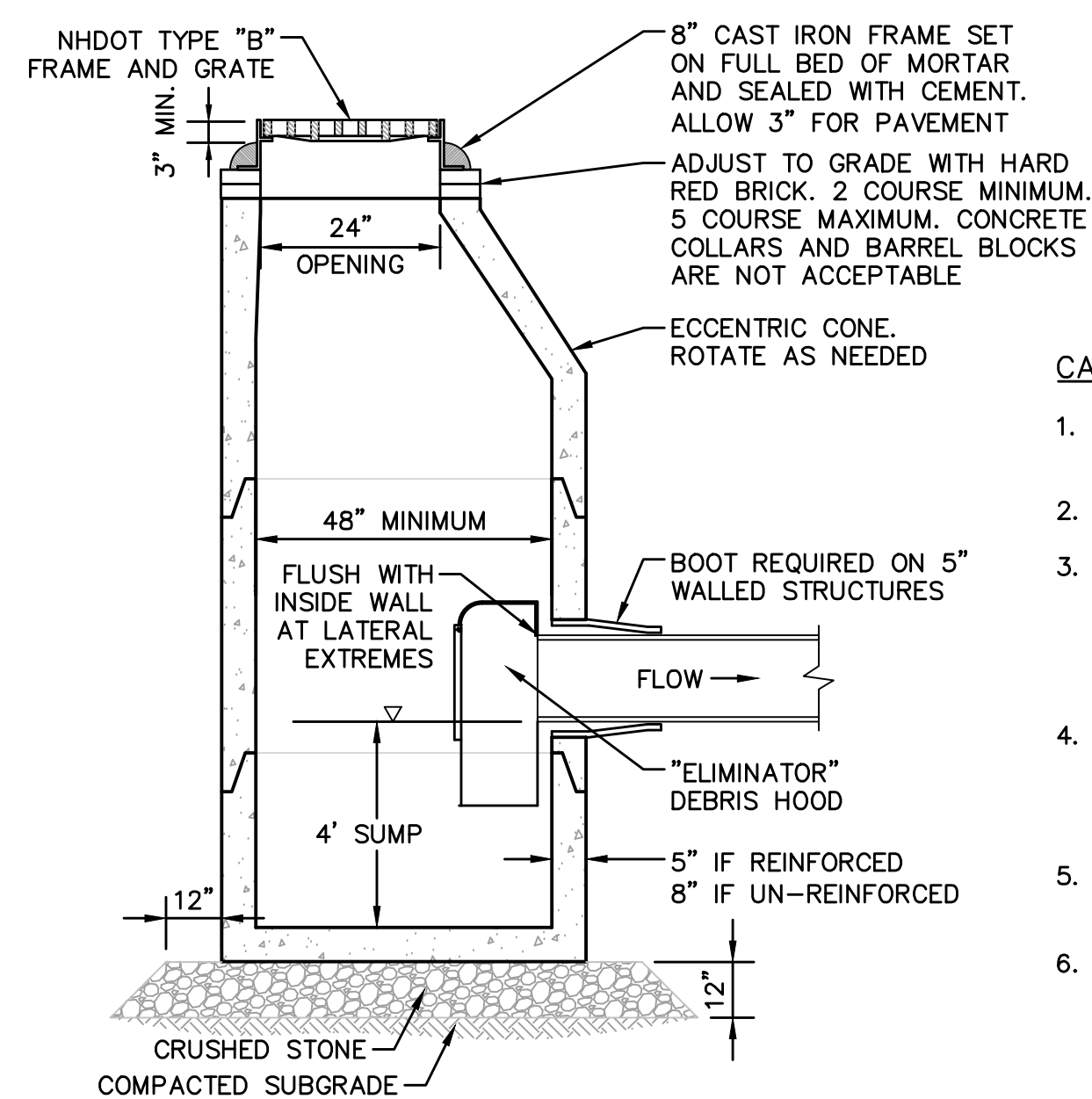
2 STABILIZED CONSTRUCTION ENTRY DETAIL
CB SCALE: NONE



INLET PROTECTION NOTES:

1. THE SEDIMENT FILTER BAG SHALL BE DESIGNED FOR CATCH BASIN INLET PROTECTION. FILTER FABRIC IS NOT AN ACCEPTABLE SEDIMENT FILTER BAG.
2. REMOVE DRAINAGE INLET GRATE AND PLACE SEDIMENT FILTER BAG AROUND THE FRAME, REPLACE GRATE AND SEDIMENT FILTER BAG IN POSITION OR FOLLOW MANUFACTURER'S RECOMMENDATIONS. LIFTING STRAPS SHALL BE EXPOSED AND READY FOR MAINTENANCE PROCEDURES.
3. INSPECT SEDIMENT FILTER BAG WEEKLY AND AFTER EVERY RAINFALL EVENT.
4. REPLACE, CLEAN OR REMOVE SEDIMENT FILTER BAG AS DIRECTED.

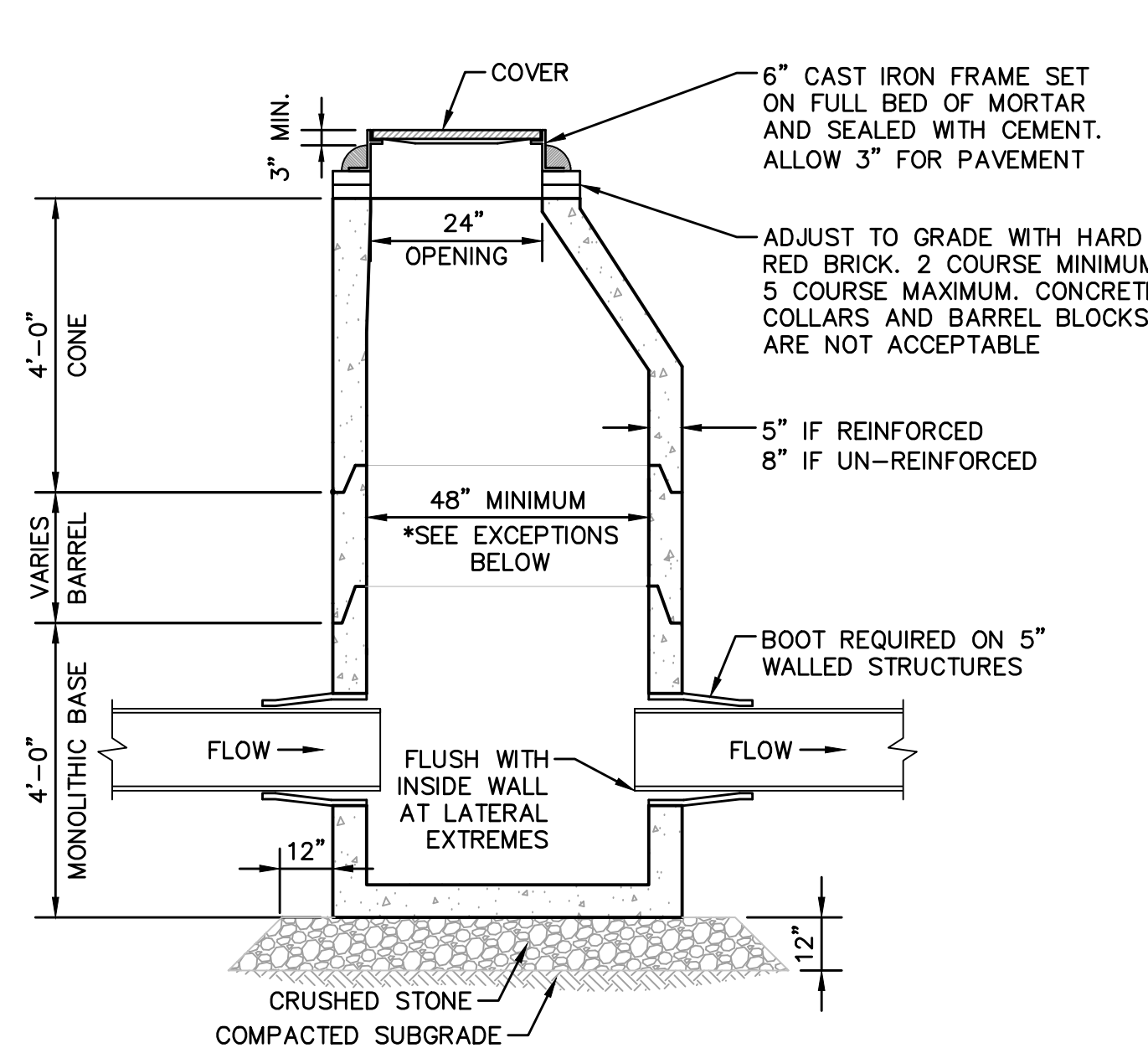
3 INLET PROTECTION DETAIL
CB SCALE: NONE



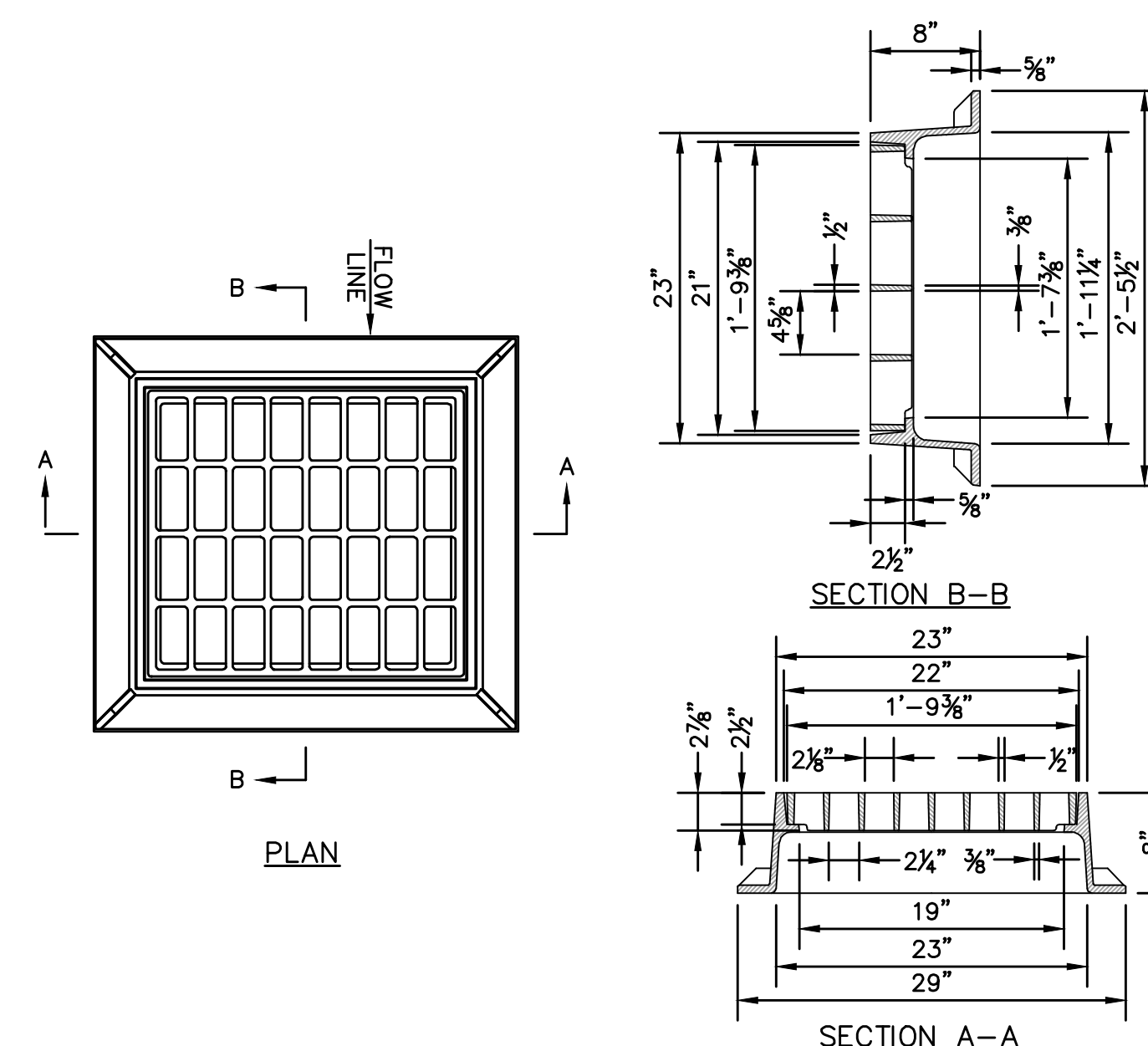
CATCH BASIN & DRAIN MANHOLE NOTES:

1. STRUCTURE, FRAME AND GRATE SHALL BE DESIGNED FOR H-20 LOADING.
2. CONCRETE: 4,000 PSI AFTER 28 DAYS.
3. CIRCUMFERENTIAL REINFORCEMENT SHALL BE 0.12 SQ.IN. PER LINEAR FOOT IN ALL SECTIONS AND SHALL BE IN THE CENTER OF THE WALL. STRUCTURE SHALL BE DESIGNED TO SUPPORT HS20 LOADINGS.
4. THE TONGUE OR THE GROOVE OF THE JOINT SHALL CONTAIN ONE LINE OF CIRCUMFERENTIAL REINFORCEMENT EQUAL TO 0.12 SQ.IN. PER LINEAR FOOT.
5. SEAL ALL PRECAST JOINTS WITH BITUMASTIC SEAL.
6. RISERS OF 2", 3" AND 4" CAN BE USED TO REACH DESIRED DEPTH. 12" MAXIMUM RISER HEIGHT.

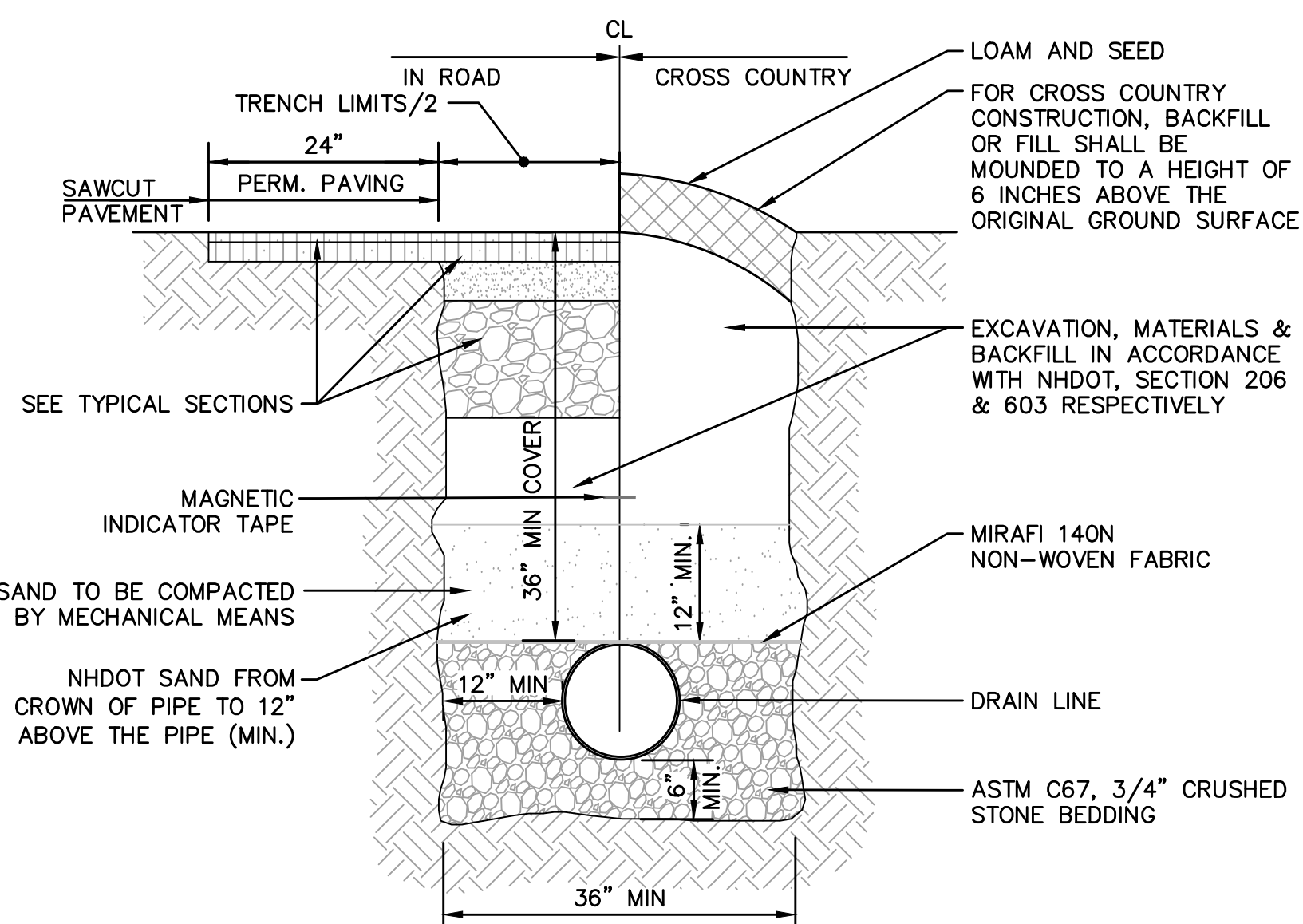
4 DEEP SUMP CATCH BASIN DETAIL
CB SCALE: NONE



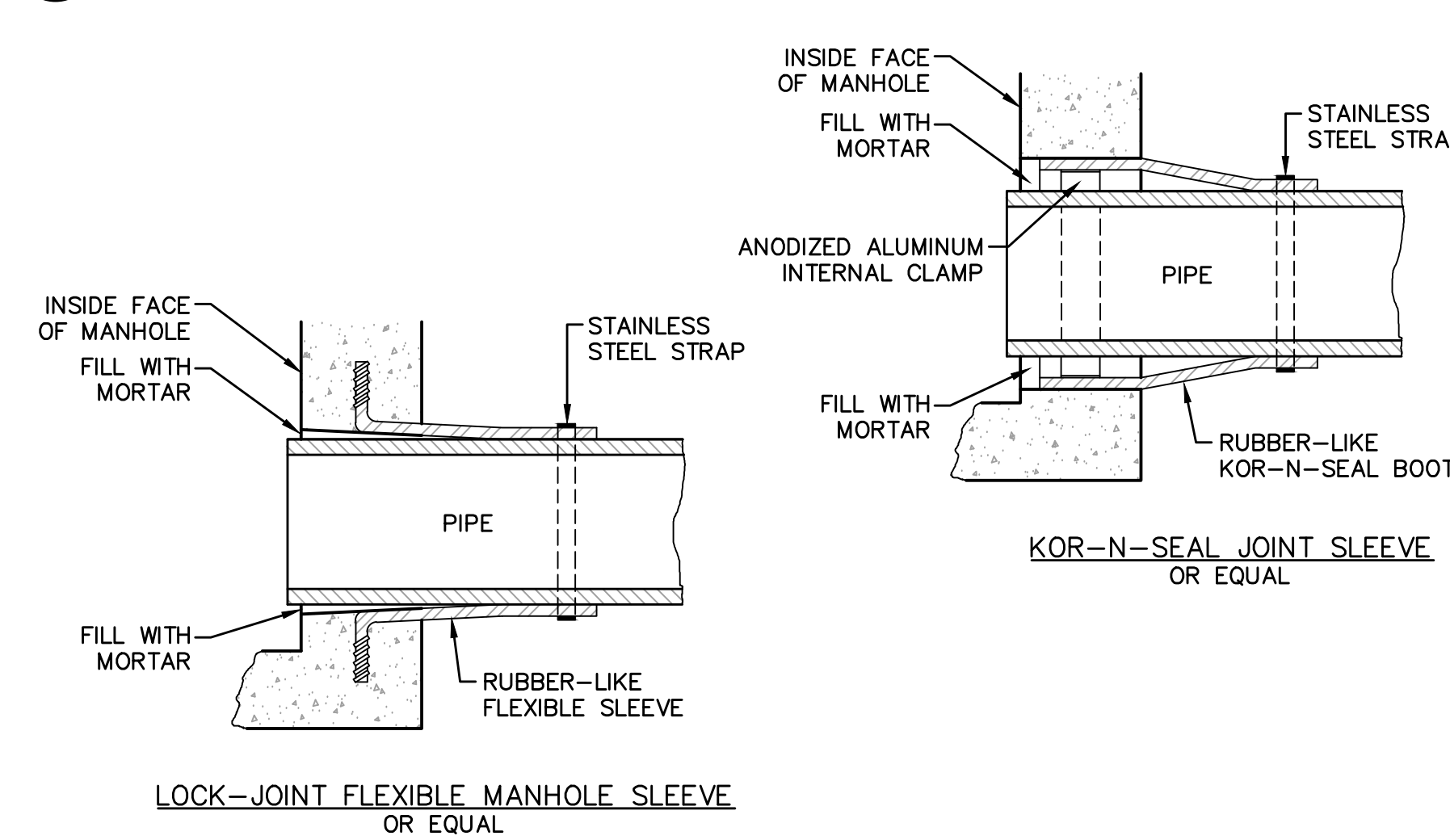
5 DRAIN MANHOLE DETAIL
CB SCALE: NONE



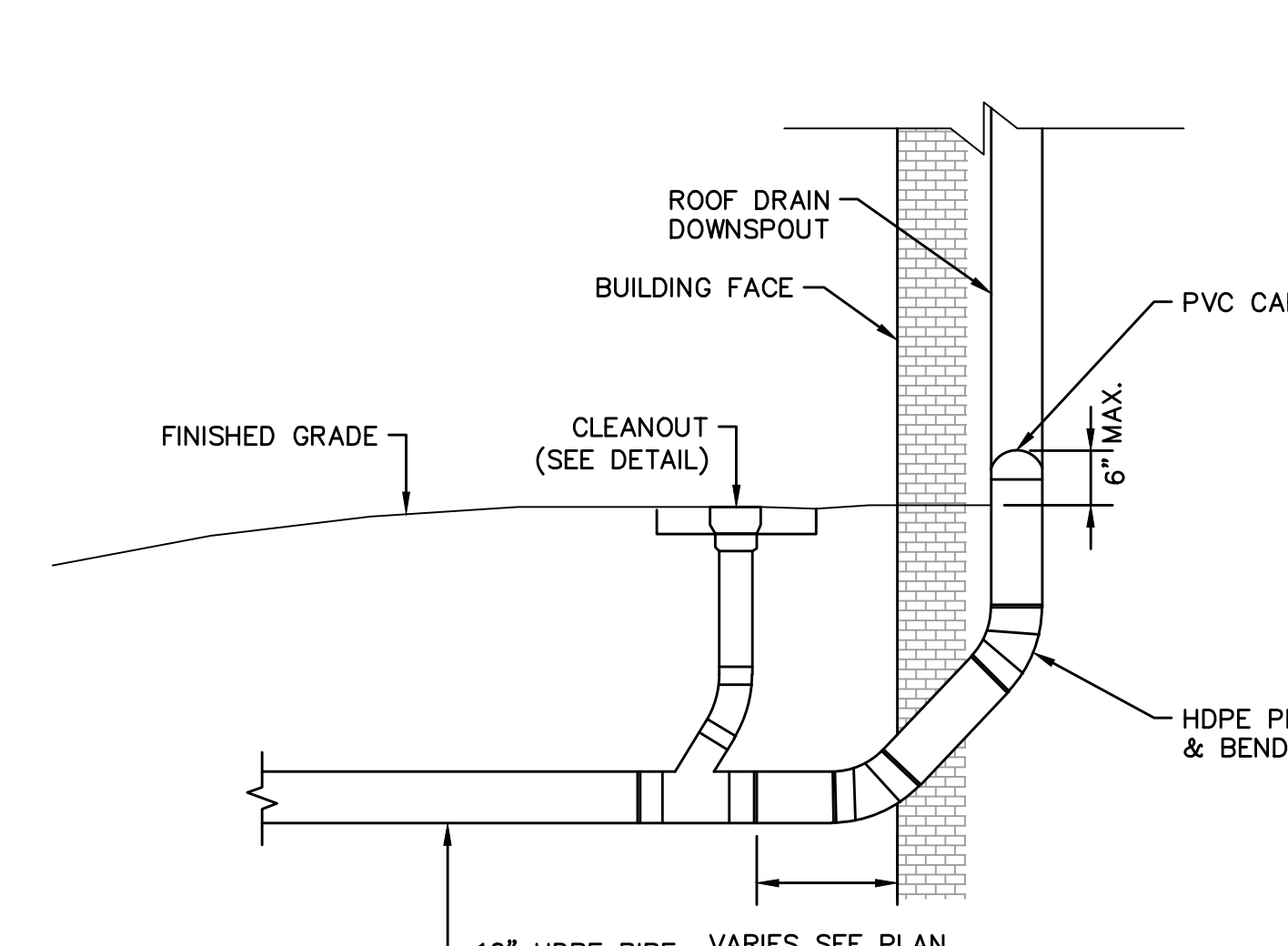
6 FRAME & GRATE TYPE "B" DETAIL
CB SCALE: NONE



7 DRAIN TRENCH DETAIL
CB SCALE: NONE



8 TYPICAL PIPE TO MANHOLE DETAIL
CB SCALE: NONE



9 ROOF DRAIN DETAIL
CB SCALE: NONE

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Professional Seal

NO.	REVISION DESCRIPTION	DATE
2	MINOR REVISIONS PER PLANNING COMM. REVIEW	3/26/15
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DESIGNED BY: MAD
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DATE: MARCH 18, 2015
SCALE: AS SHOWN

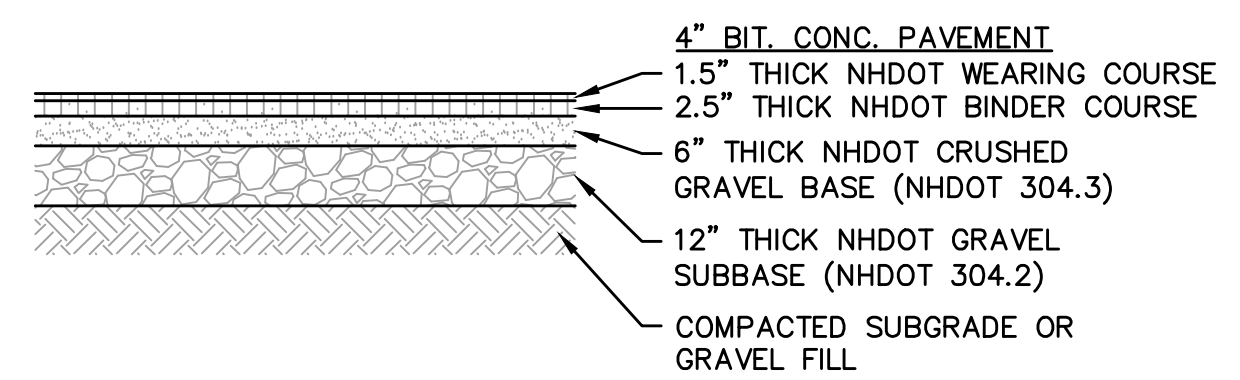
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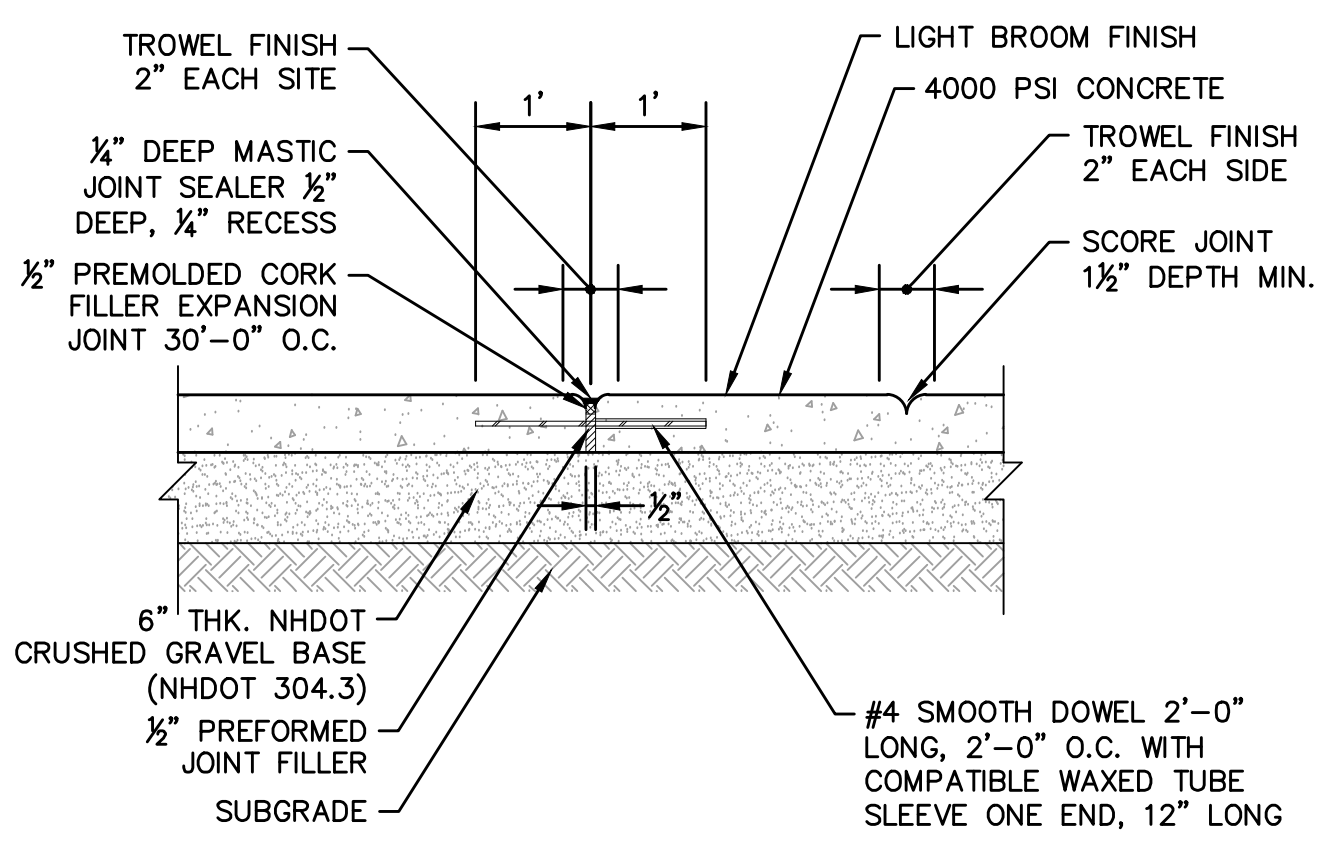
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ALLENSTOWN, NH

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CONSTRUCTION DETAILS - 1
C8
PROJECT NO. 562801
SHEET 8 OF 12

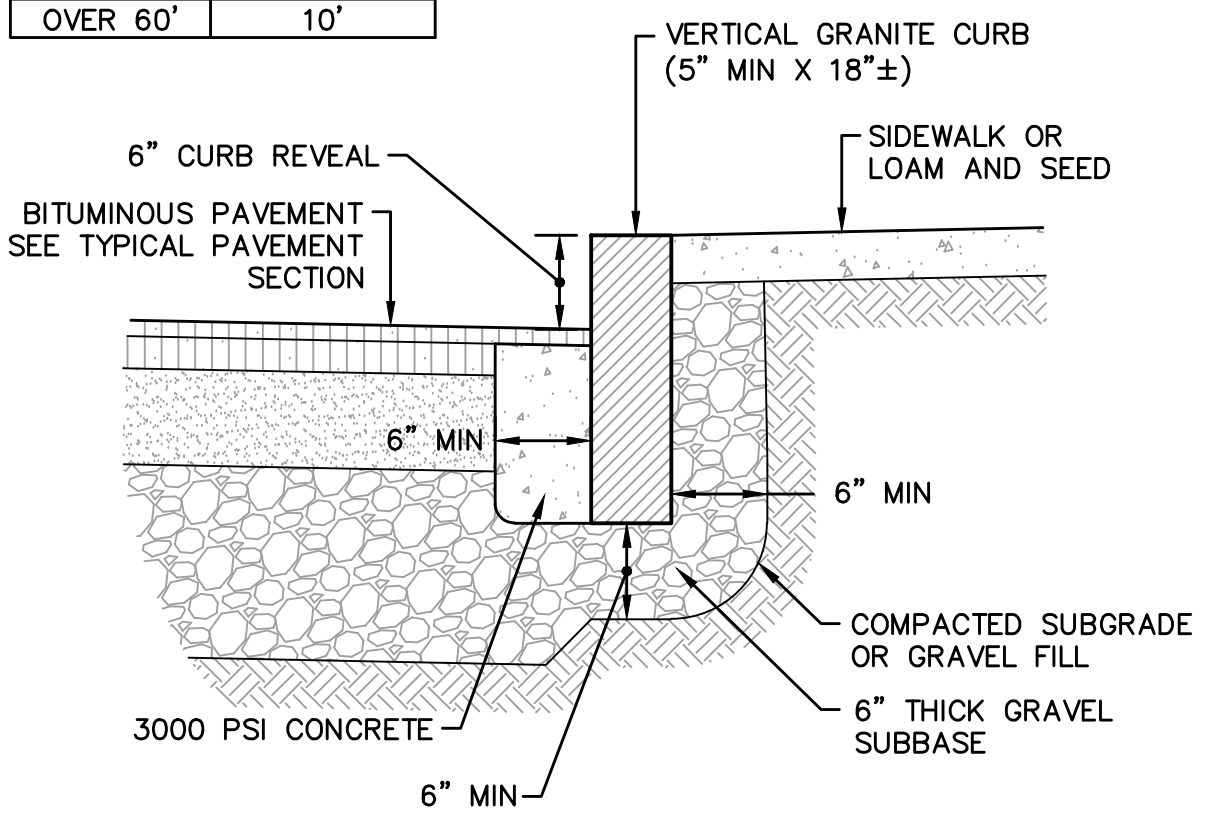


1 TYPICAL PAVEMENT SECTION
SCALE: NONE



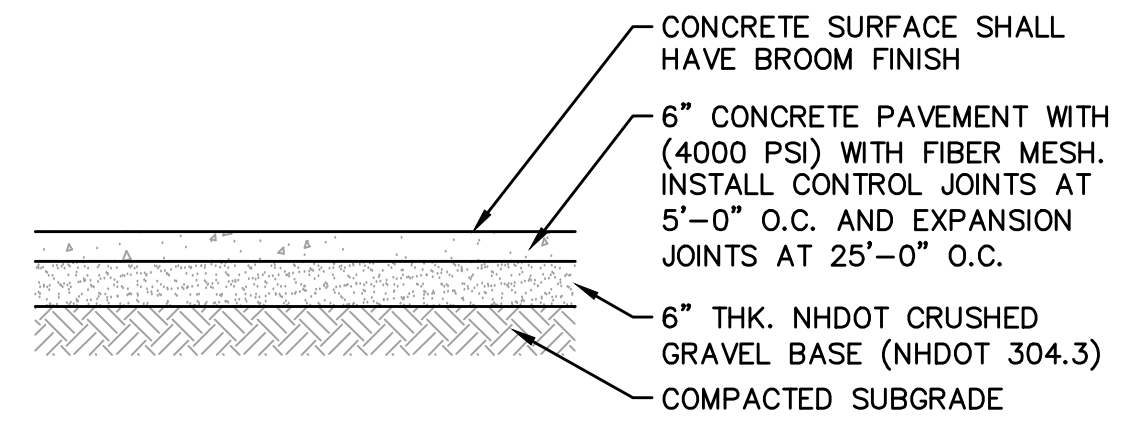
2 TYPICAL JOINT FOR CONCRETE WALKWAY
SCALE: NONE

RADIUS	MAX LENGTH
21'	3'
22'-28'	4'
29'-35'	5'
36'-42'	6'
43'-49'	7'
50'-56'	8'
57'-60'	9'
OVER 60'	10'

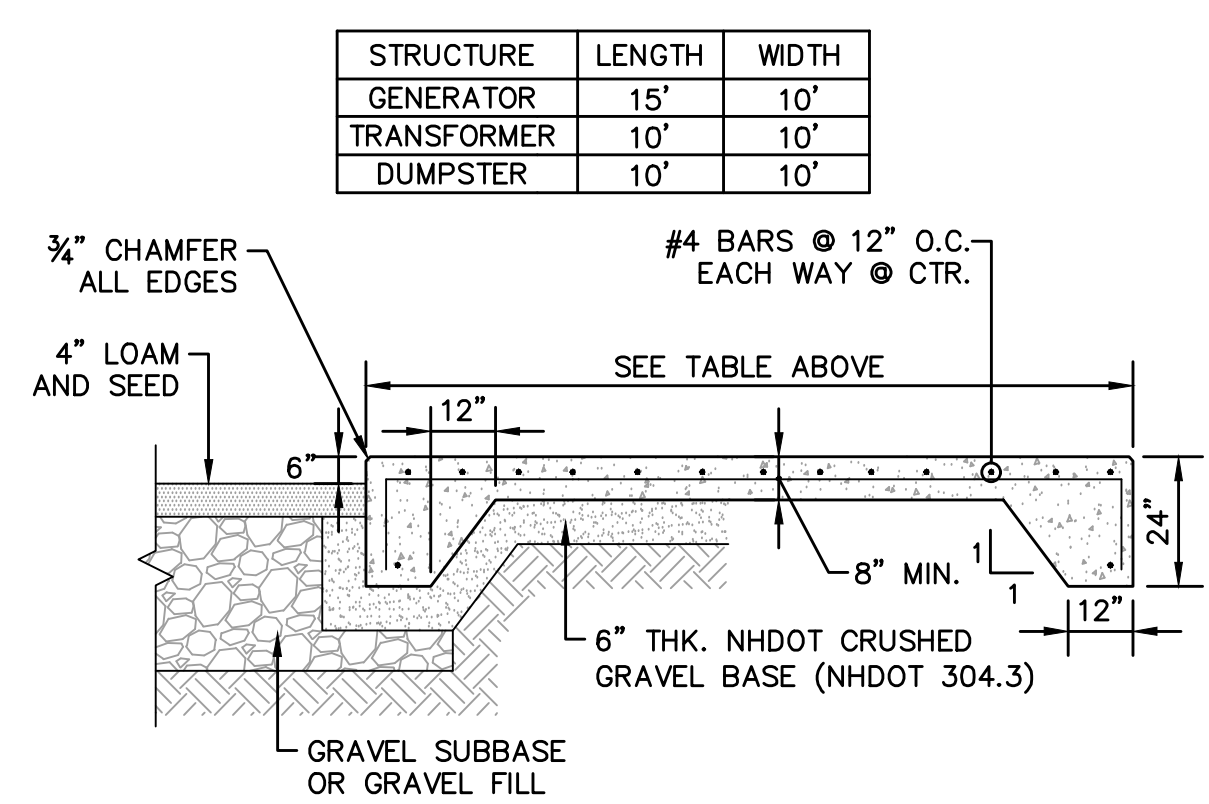


- VERTICAL GRANITE CURB NOTES:**
1. MINIMUM LENGTH OF CURB STONES - 3'
 2. MAXIMUM LENGTH OF CURB STONES - 10'
 3. MAXIMUM LENGTH OF STRAIGHT CURB STONES LAID ON CURVES - SEE CHART.
 4. ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.
 5. CURB ENDS TO BE TIPPED DOWN.

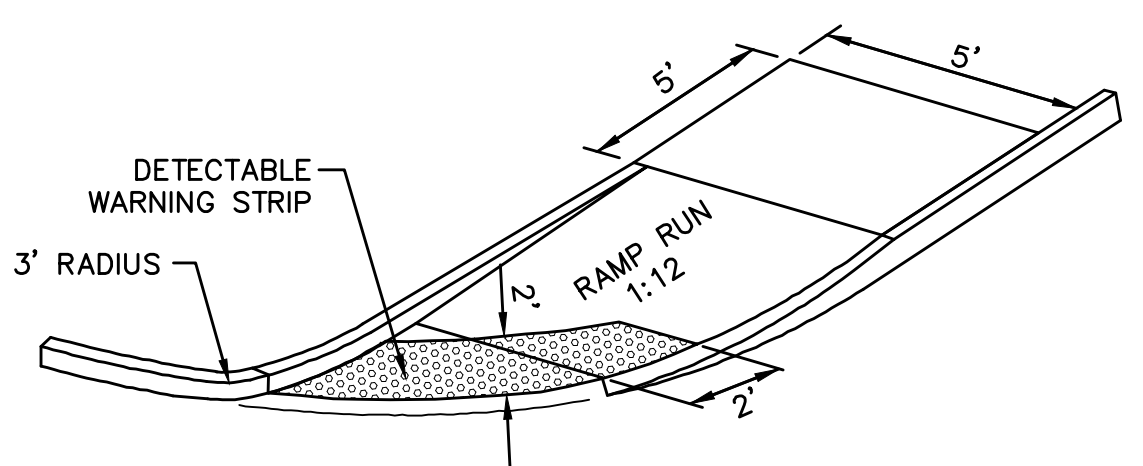
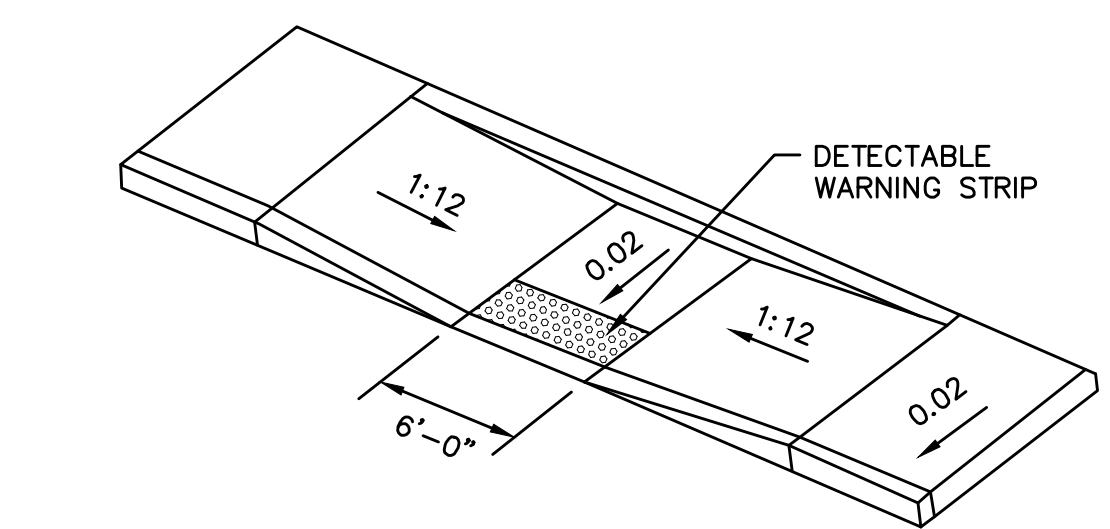
5 VERTICAL GRANITE CURB DETAIL
SCALE: NONE



3 TYPICAL SIDEWALK SECTION
SCALE: NONE

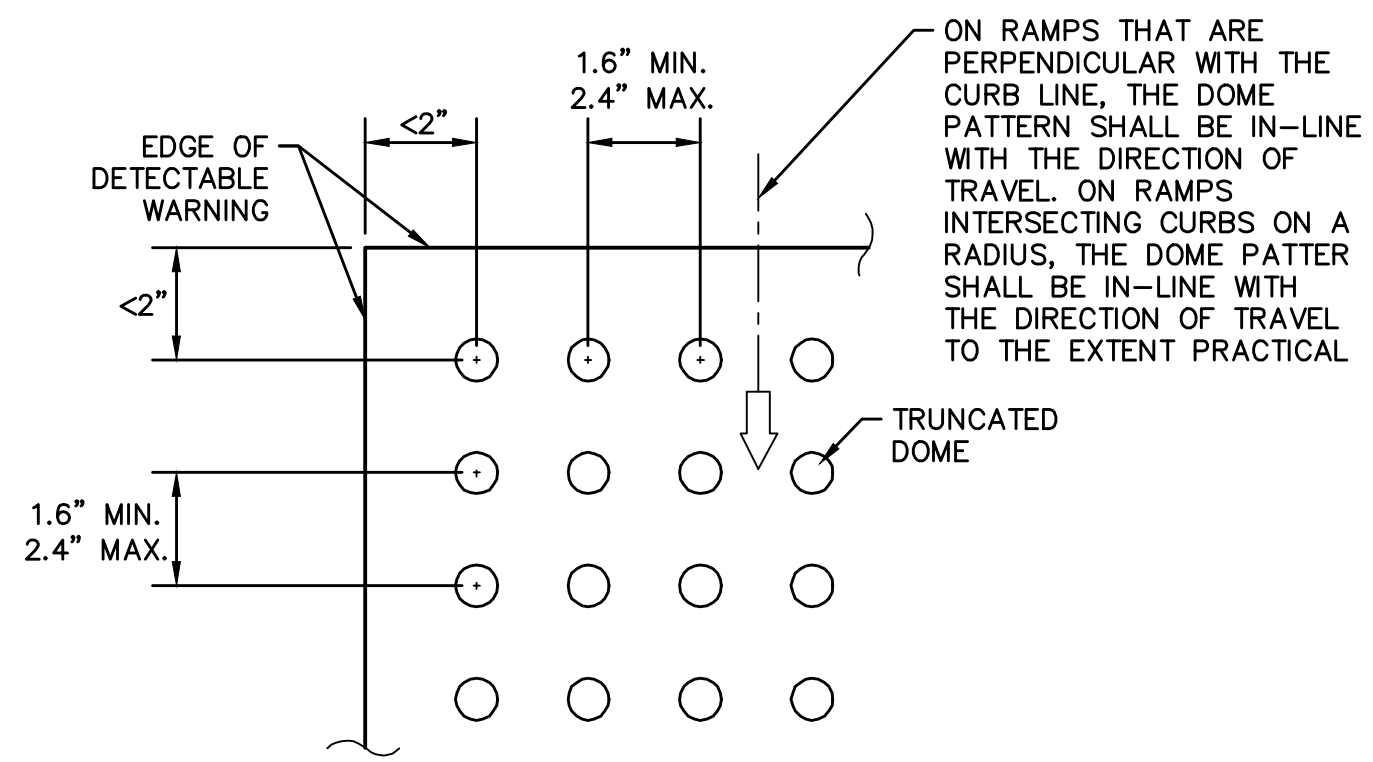


4 TYPICAL EQUIPMENT PAD DETAIL
SCALE: NONE



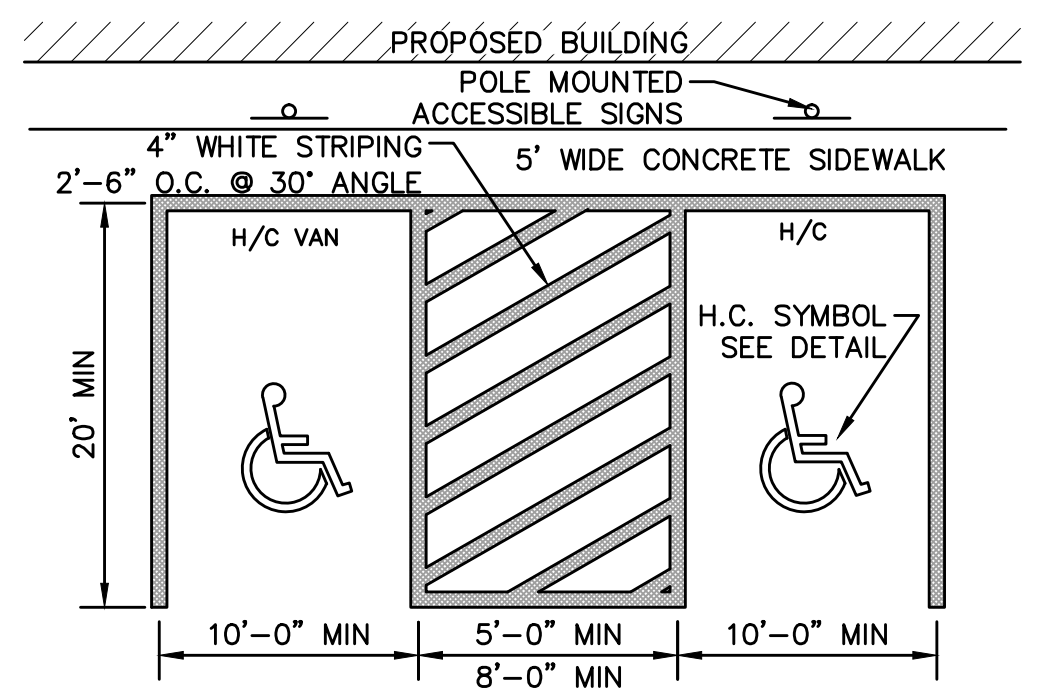
- SIDEWALK RAMP NOTES:**
1. SLOPE OF RAMP VARIES WITH SIDEWALK WIDTH AND HEIGHT, WITH A MAXIMUM SLOPE OF 1:12.
 2. AN ADA DETECTABLE WARNING TRUNCATED DOME FINISH TO TRANSVERSE TO THE SLOPE OF THE RAMP AND WARPED SIDEWALK SHALL BE USED ON ALL RAMP.
 3. MAINTAIN THE NORMAL GUTTER PROFILE THROUGHOUT THE RAMP AREA.
 4. INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF THE RAMP.
 5. FORM 1" ($\pm 1/8"$ TOLERANCE) CURB LIP IN SIDEWALK PAVING MATERIAL.

7 HANDICAP SIDEWALK RAMPS
SCALE: NONE



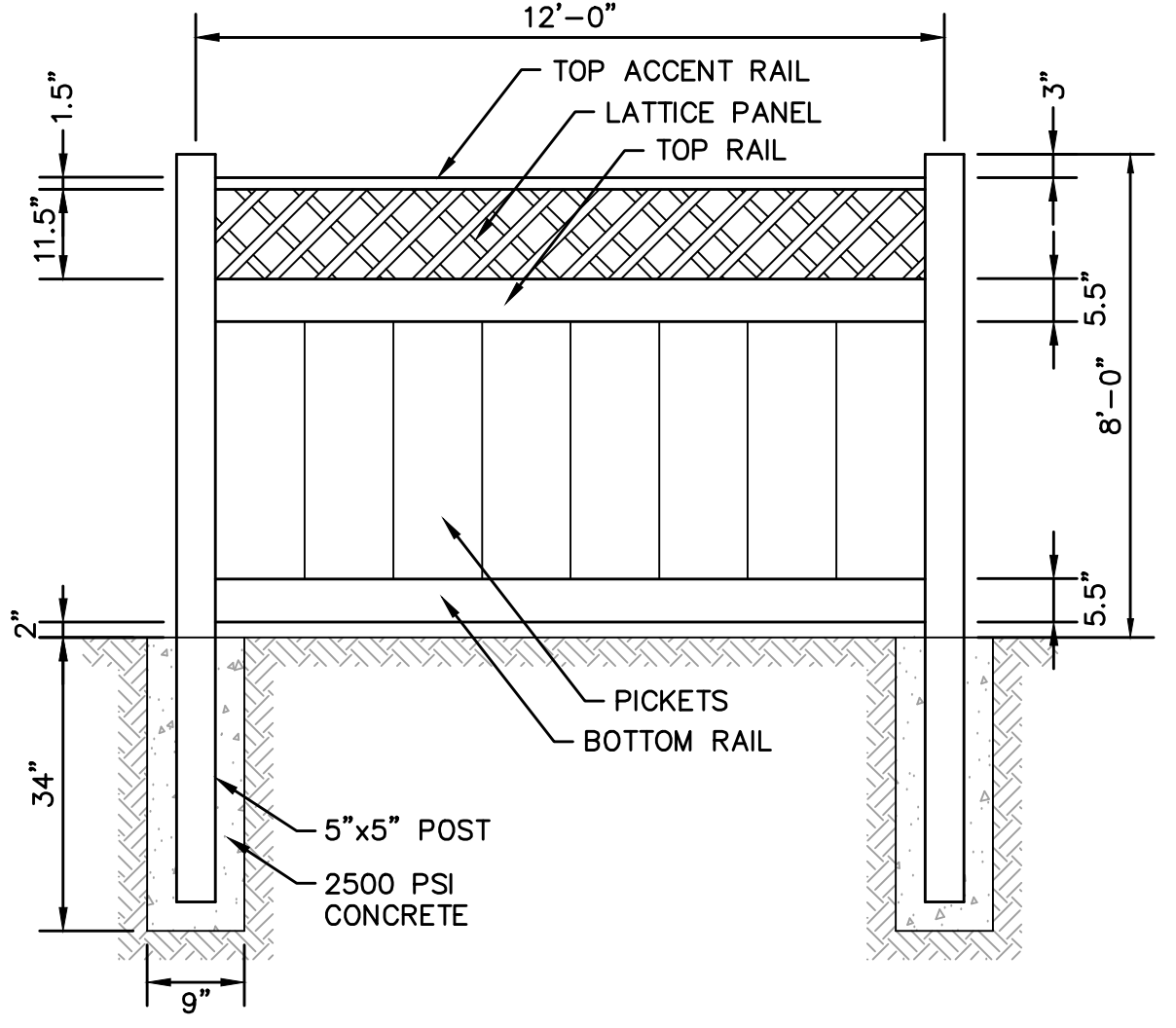
- DETECTABLE WARNING NOTES:**
1. BASE-TO-BASE SPACING SHALL BE 0.65" MINIMUM BETWEEN DOMES.
 2. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK OF CURB.
 3. THE TOP WIDTH OF THE DOME SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMETER.
 4. WARNING PANELS TO BE CAST IRON.

8 TYPICAL DETECTABLE WARNING DETAILS
SCALE: NONE

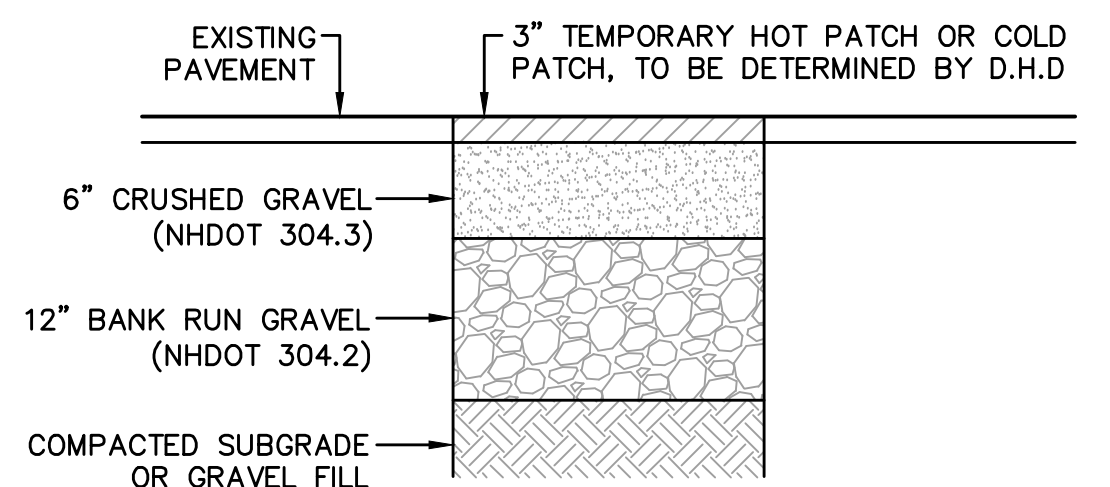


- STALL LAYOUT NOTES:**
1. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THESE STANDARDS AND THE CURRENT EDITION OF MUTCD.
 2. WIDTH OF LINES SHALL VARY NO MORE THAN $\pm 1/4$ INCH FROM THAT SPECIFIED.
 3. THE WET FILM THICKNESS OF A PAINTED LINE SHALL BE A MINIMUM OF 20 MILS THROUGHOUT THE ENTIRE WIDTH AND LENGTH OF LINE SPECIFIED. OVERSPRAY SHALL BE KEPT TO AN ABSOLUTE MINIMUM.
 4. BROKEN LINES SHALL BEGIN AND END WITH THE NEAREST FULL CYCLE OF BROKEN LINE.
 5. SOLID LONGITUDINAL LINES SHALL BEGIN AND END WITHIN ± 2 INCHES OFF A LAYOUT SYMBOL INDICATING THE END OF THE LINE, OR WITH A FULL CYCLE OF BROKEN LINE (IF APPROPRIATE).

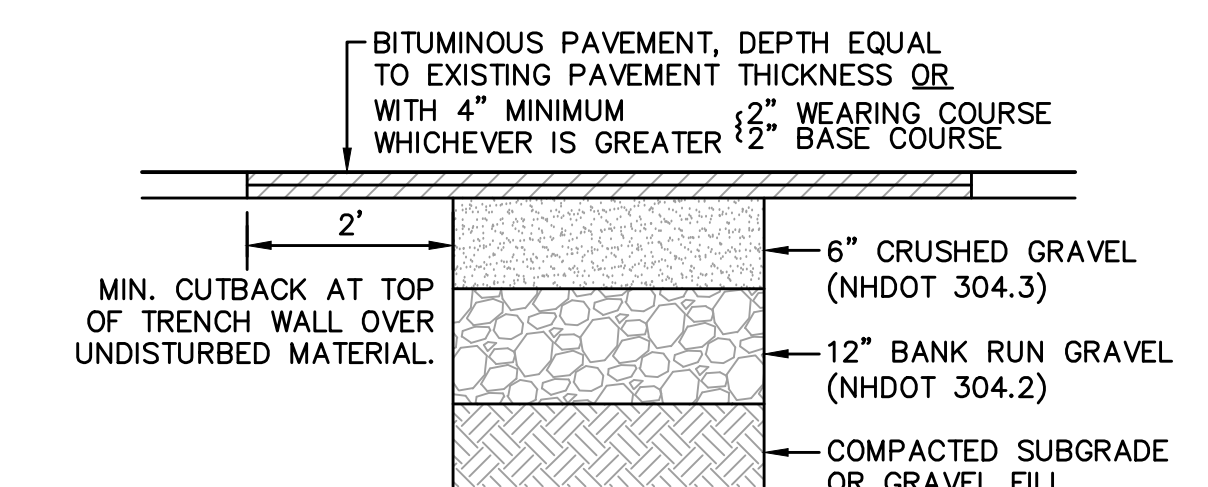
9 HANDICAP PARKING STALL LAYOUT
SCALE: NONE



6 DUMPSTER VINYL FENCE DETAIL
SCALE: NONE



TEMPORARY PAVEMENT REPAIR



PERMANENT PAVEMENT REPAIR

- PAVEMENT REPAIR NOTES:**
1. MATERIALS SHOULD BE REPLACED IN-KIND, WITH MINIMUM THICKNESS AS SHOWN.
 2. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REQUIREMENTS.
 3. ROADWAY CONSTRUCTION SHALL CONFORM TO NHDOT STANDARD SPECIFICATIONS.
 4. NOT FOR WINTER CONSTRUCTION.

10 PAVEMENT REPAIR DETAILS
SCALE: NONE

ENGINEER
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No. 12194

3/26/15
3/18/15

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1	ISSUED FOR SITE PLAN REVIEW	3/18/15

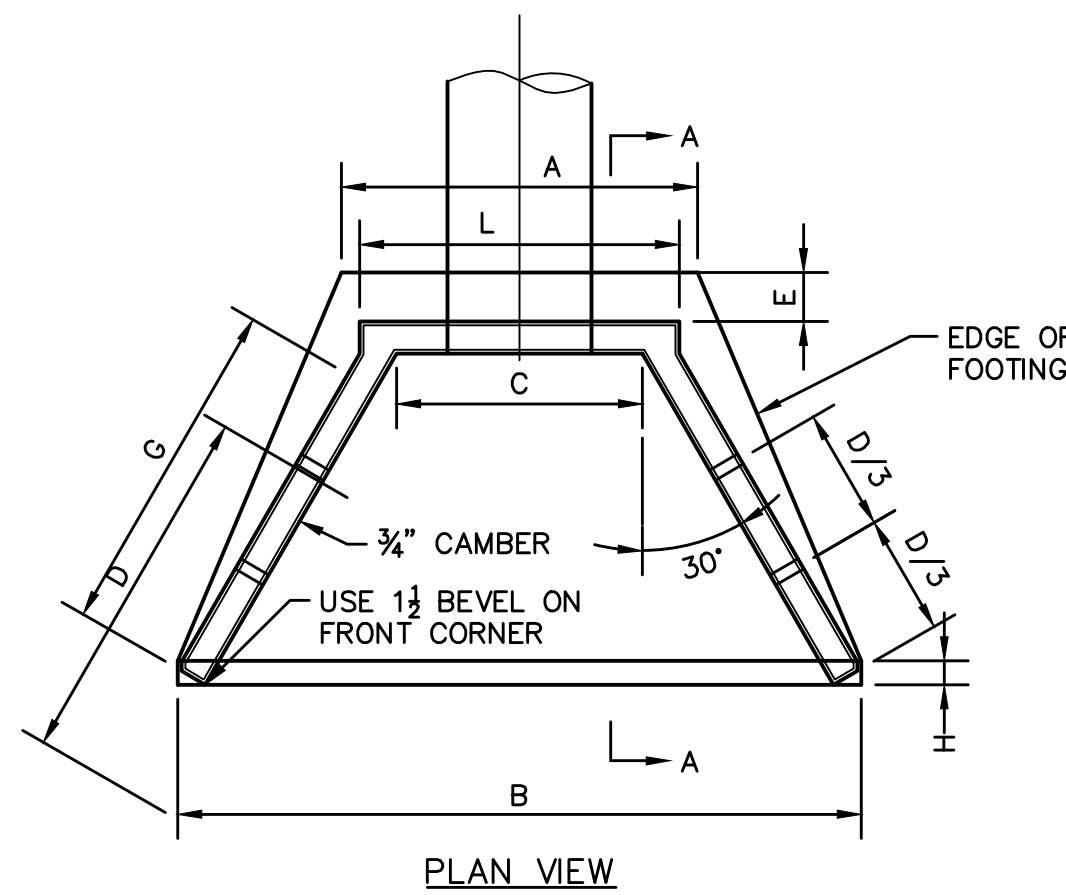
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DESIGNED BY: MAD
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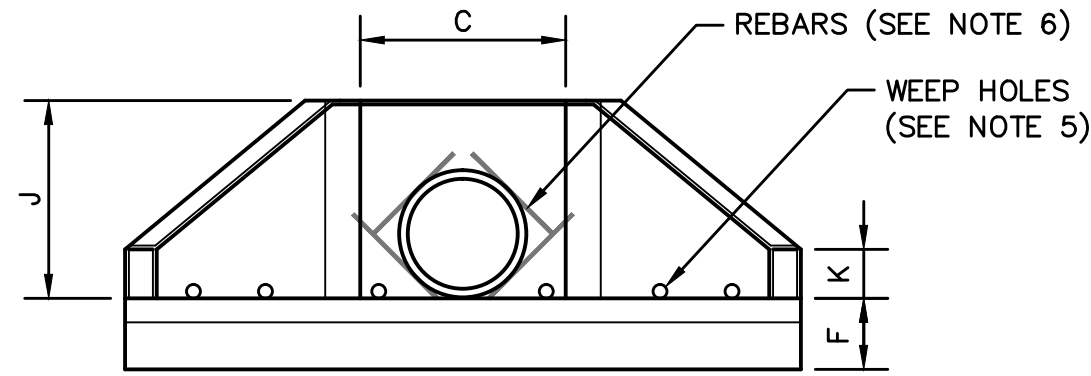
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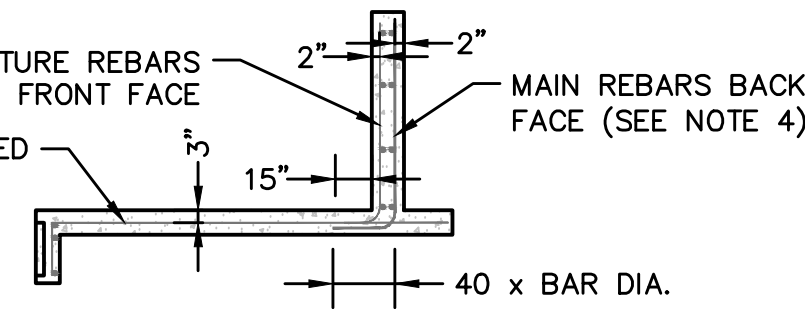
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C9
PROJECT NO. 562801
SHEET 9 OF 12



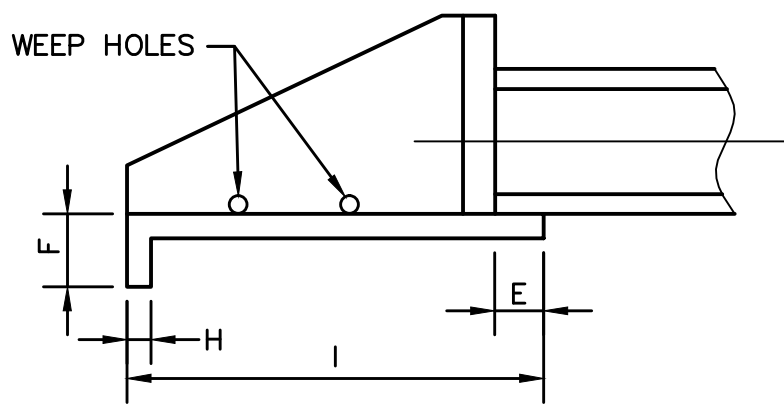
PLAN VIEW



FRONT VIEW



CROSS SECTION A-A



SIDE VIEW

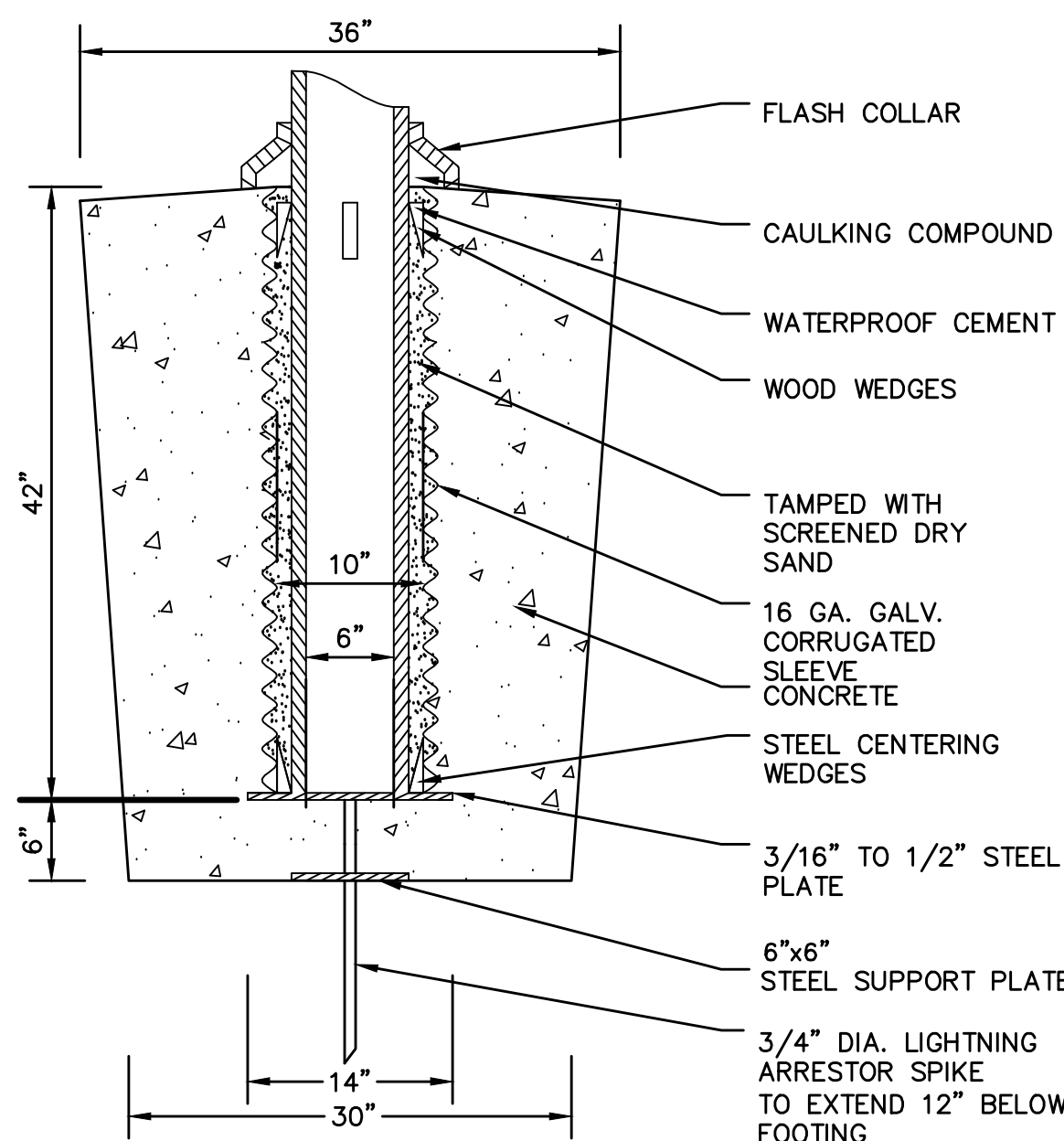
DIMENSIONS FOR REINFORCED CONCRETE HEADWALL WITH WING WALLS

PIPE SIZE	SHELL THICKNESS	WALL THICKNESS	SLAB THICKNESS	A	B	C	D	E	F	G	H	I	J	K	L
12"	3"	8"	6"	6'-4"	12'-4"	4'-6"	6'-3"	1'-0"	1'-6"	5'-9"	6"	7'-5"	3'-6"	1'-0"	6'-1"
15"	3"	8"	6"	6'-4"	12'-4"	4'-6"	6'-3"	1'-0"	1'-6"	5'-9"	6"	7'-5"	3'-6"	1'-0"	6'-1"
18"	3"	8"	6"	6'-4"	12'-4"	4'-6"	6'-3"	1'-0"	1'-6"	5'-9"	6"	7'-5"	3'-6"	1'-0"	6'-1"

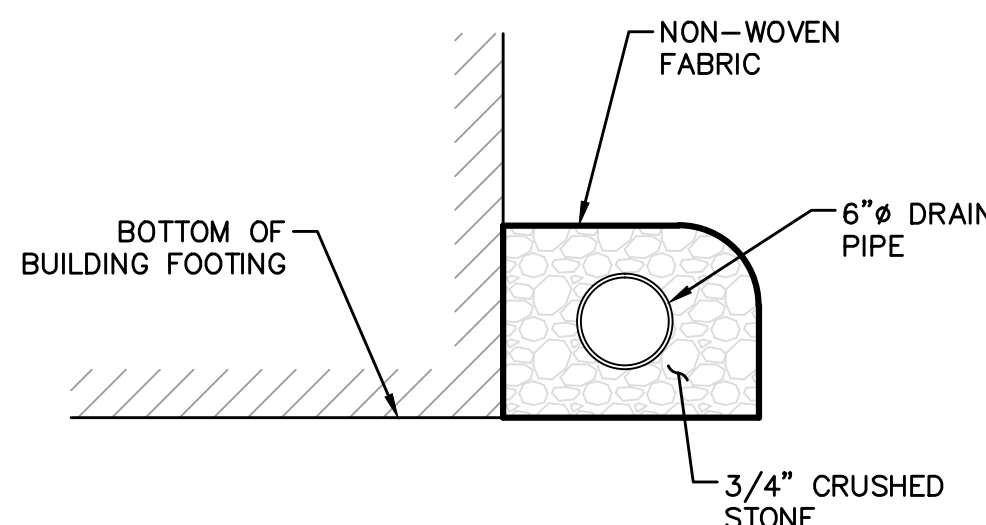
REINFORCING SCHEDULE

PIPE SIZE	BACK FACE		SLAB REINFORCEMENT	FRONT FACE	CUBIC YARDS OF CONCRETE
	WALL REINFORCEMENT	TEMP. REINFORCEMENT IN FRONT FACE OF WALLS (COMPRESSION STEEL)			
	HORIZONTAL	VERTICAL			
12"	NO.3 @12"O.C.	NO.3 @12"O.C.	6-6 x 10-10 WIRE MESH REINF.	NO.4 @18" HOR. AND AVERT.	2.67
15"	NO.3 @12"O.C.	NO.3 @12"O.C.	6-6 x 10-10 WIRE MESH REINF.	NO.4 @18" HOR. AND AVERT.	2.67
18"	NO.3 @12"O.C.	NO.3 @12"O.C.	6-6 x 10-10 WIRE MESH REINF.	NO.4 @18" HOR. AND AVERT.	2.67

1 CONCRETE HEADWALL WITH WING WALLS DETAIL
SCALE: NONE



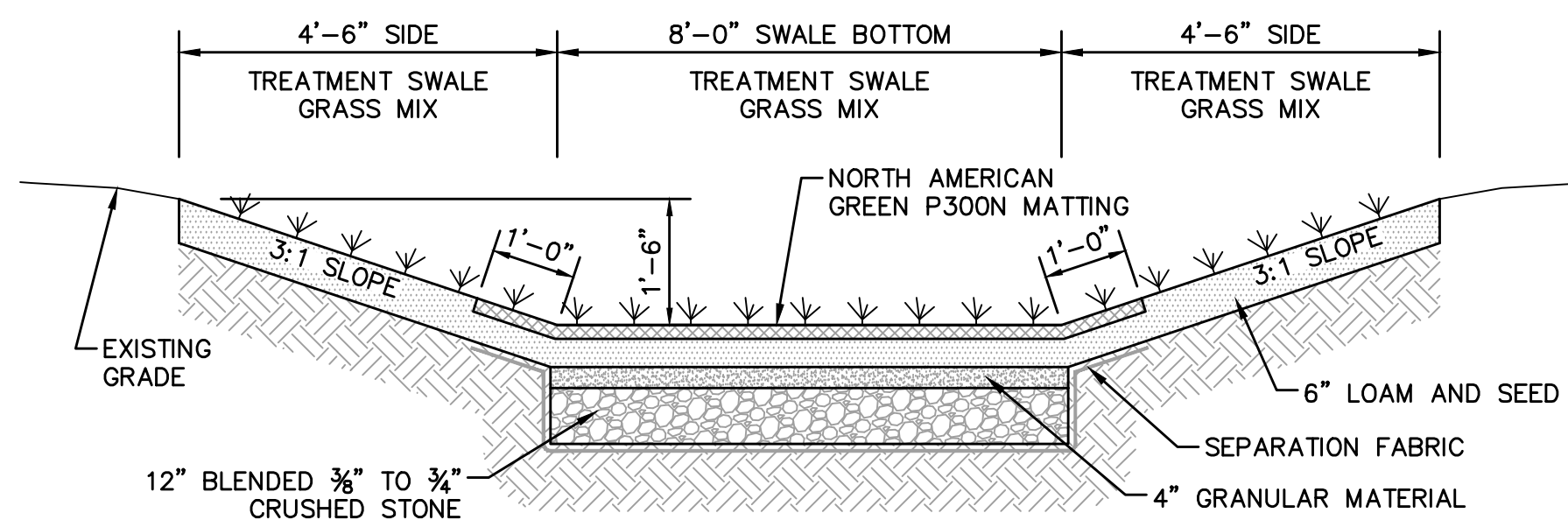
6 FLAG POLE BASE
SCALE: NONE



7 BUILDING UNDERDRAIN DETAIL
SCALE: NONE

HEADWALL NOTES:

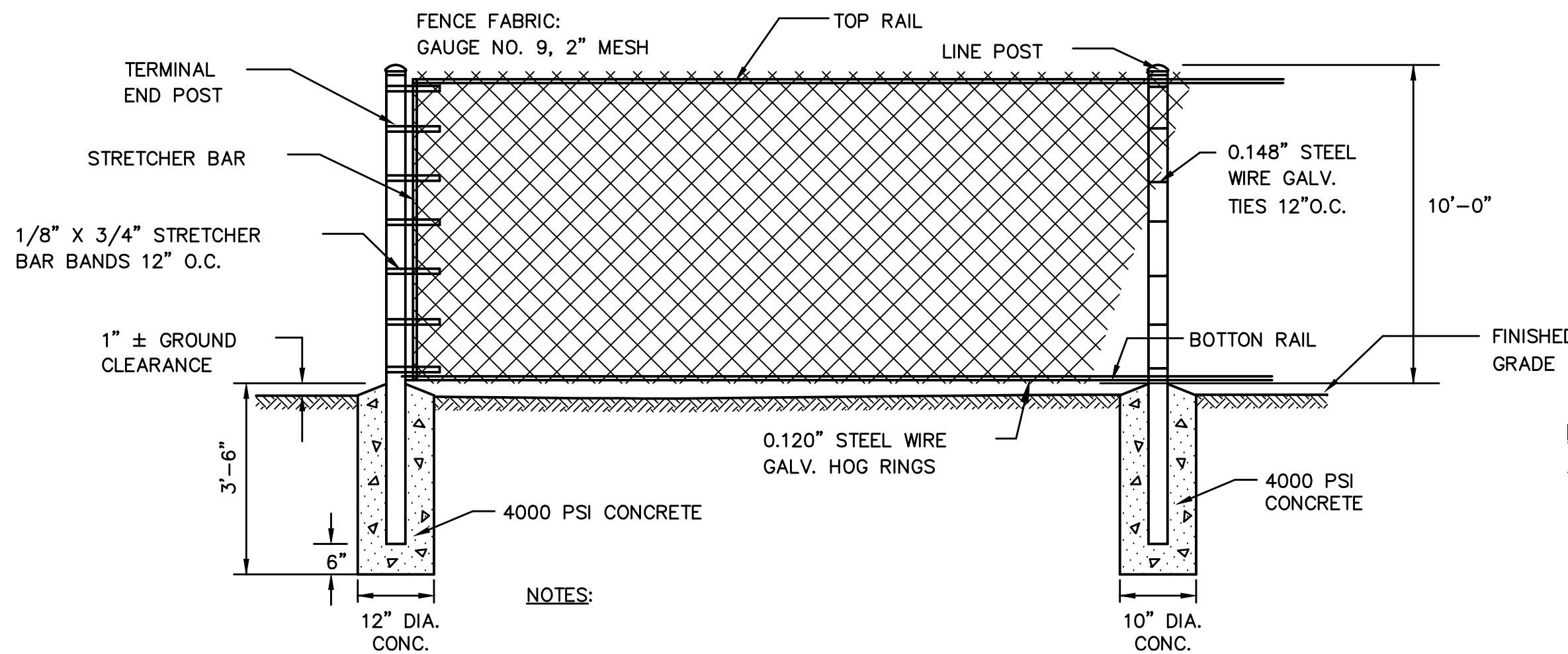
1. SEE DIMENSION TABLE FOR DIMENSIONS OF HEADWALL.
2. SEE REINFORCING SCHEDULE FOR DIMENSIONS.
3. USE 3500 P.S.I. CONCRETE.
4. USE NO.4 REBAR @ 12" O.C. BOTH FACES HORIZONTAL AND VERTICAL.
5. WEEP HOLES USED WITH 15"-42" PIPE WILL BE PLACED 6" INSIDE WING.
6. PLACE 4 REBARs AROUND PIPE IN BOTH FACES TO PROTECT AGAINST DIAGONAL TENSION.



SWALE MAINTENANCE NOTES:

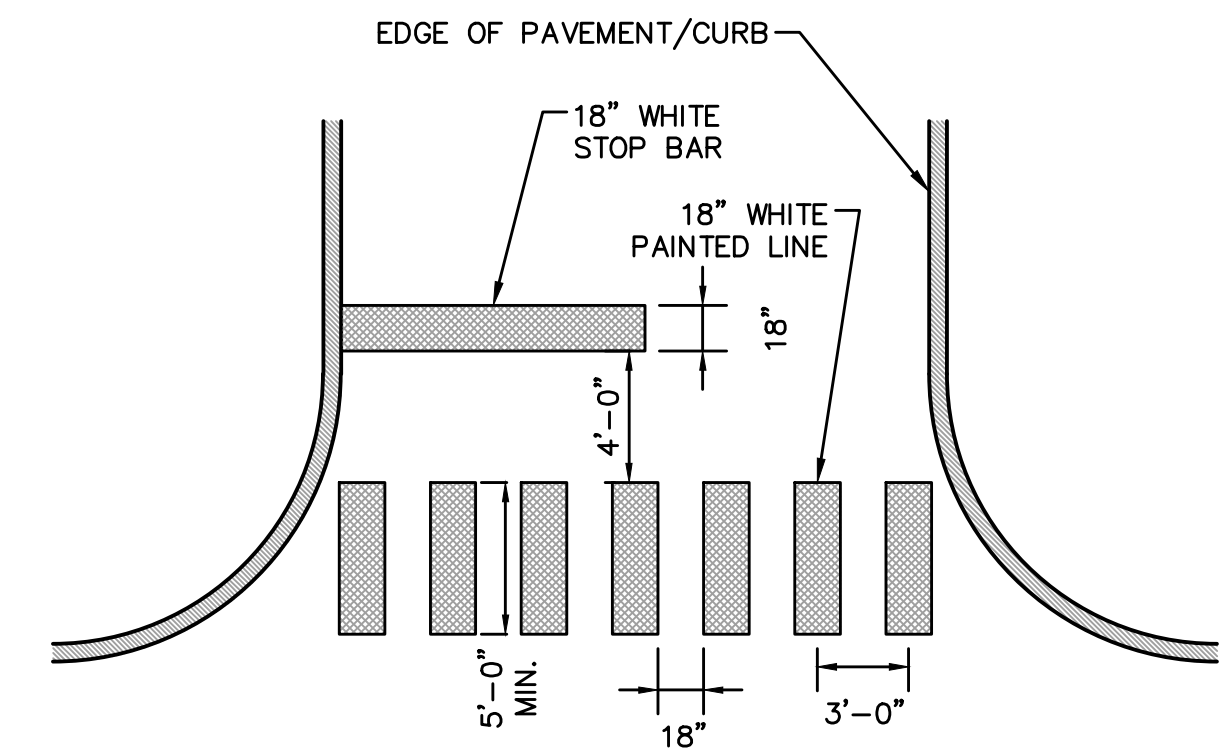
1. SWALE MUST HAVE 85% OR GREATER VEGETATED GROWTH PRIOR TO RECEIVING RUNOFF.
2. INSPECT ANNUALLY FOR EROSION, SEDIMENT ACCUMULATION, VEGETATION LOSS, AND PRESENCE OF INVASIVE SPECIES.
3. PERFORM PERIODIC MOWING. DO NOT CUT GRASS SHORTER THAN 4-INCHES.
4. REMOVE DEBRIS AND ACCUMULATED SEDIMENT, BASED ON INSPECTION.
5. REPAIR ERODED AREAS, REMOVE INVASIVE SPECIES AND DEAD VEGETATION, AND RESEED WITH APPLICABLE GRASS MIX AS WARRANTED BY INSPECTION.

2 GRASS TREATMENT SWALE DETAIL
SCALE: NONE



- NOTES:
1. MAXIMUM POST SPACING SHALL BE 10'-0"
 2. STEEL FRAMEWORK SHALL BE SHOP PAINTED GALVANIZED STEEL.

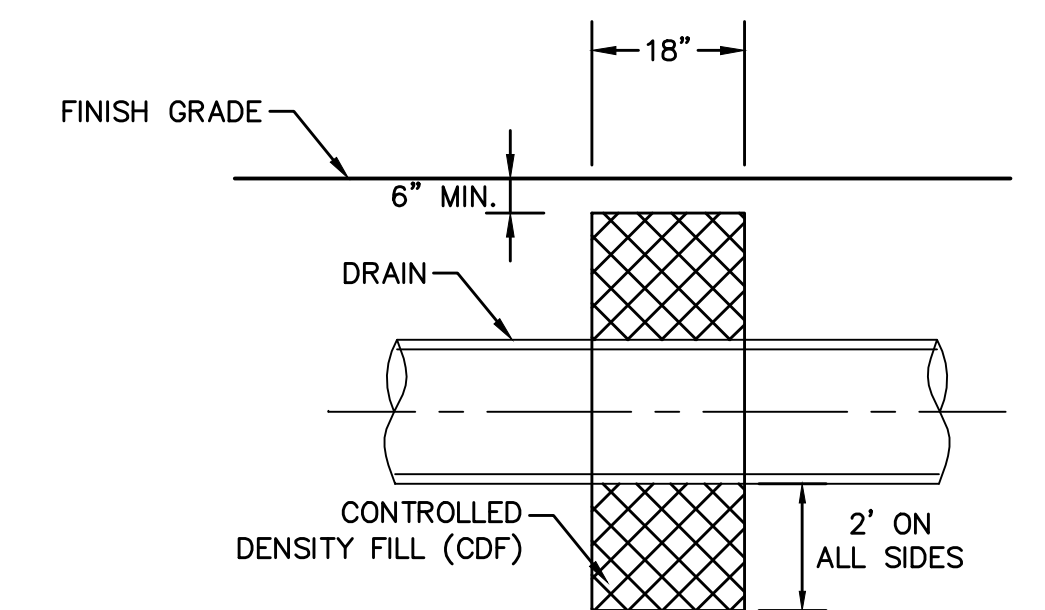
4 BASKETBALL COURT CHAIN LINK FENCE
SCALE: NONE



CROSSWALK NOTES:

1. CROSSWALK LINES SHALL BE CENTERED TO AVOID WHEEL MARKS.
2. ALL CROSSWALK LINES TO BE SAME LENGTH AND PROPERLY ALIGNED.
3. SEE PLANS FOR THE CROSSWALK LOCATIONS.

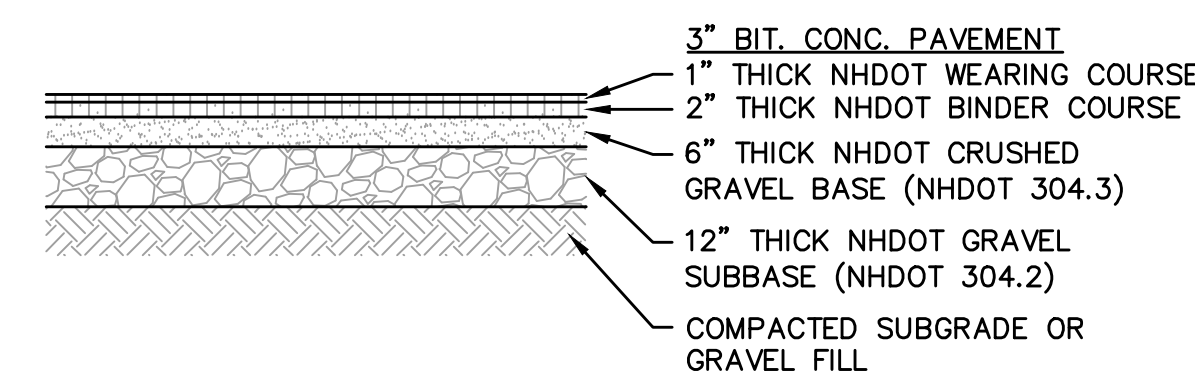
3 PAINTED CROSSWALK DETAIL
SCALE: NONE



NOTE:

1. THE CUT OFF WALLS SHALL BE INSTALLED WHERE INDICATED AND SHALL CONSIST OF CONTROLLED DENSITY FILL (CDF). ALL CDF SHALL BE EXCAVATABLE WITH A COMPRESSIVE STRENGTH OF NOT LESS THAN 150 PSI. CDF SHALL BE ECONO FILL AS MANUFACTURED BY BOSTON SAND AND GRAVEL OR EQUIVALENT. MAXIMUM PARTICLE SIZE SHALL BE 3/8" AND ALL SAND/SOIL BALLS MUST BE REMOVED AND ALL CDF MUST BE SUFFICIENTLY FLOWABLE TO FILL ALL VOIDS. NO CDF SHALL BE PLACED AT TEMPERATURES LESS THAN 40° F AND ALL CDF SHALL BE PROTECTED FROM FREEZING. NO BACKFILL SHALL BE PLACED OVER THE CDF UNTIL IT HAS REACHED INITIAL SET. NO COMPACTION OF COVER SHALL BE PERFORMED FOR 24 HOURS AFTER PLACEMENT OF CDF

5 MIGRATION CUT OFF WALL
SCALE: NONE



8 BASKETBALL COURT PAVEMENT SECTION
SCALE: NONE

ENGINEER

STATE OF NEW HAMPSHIRE
MARISA DIABASO
No. 12194

3/26/15
3/18/15
DATE

2
1
REV.

MINOR REVISIONS PER PLANNING COMM. REVIEW
ISSUED FOR SITE PLAN REVIEW
REVISION DESCRIPTION

CHECKED BY
WRD

DRAWN BY
MAD

DESIGNED BY
MAD

DATE:
MARCH 18, 2015

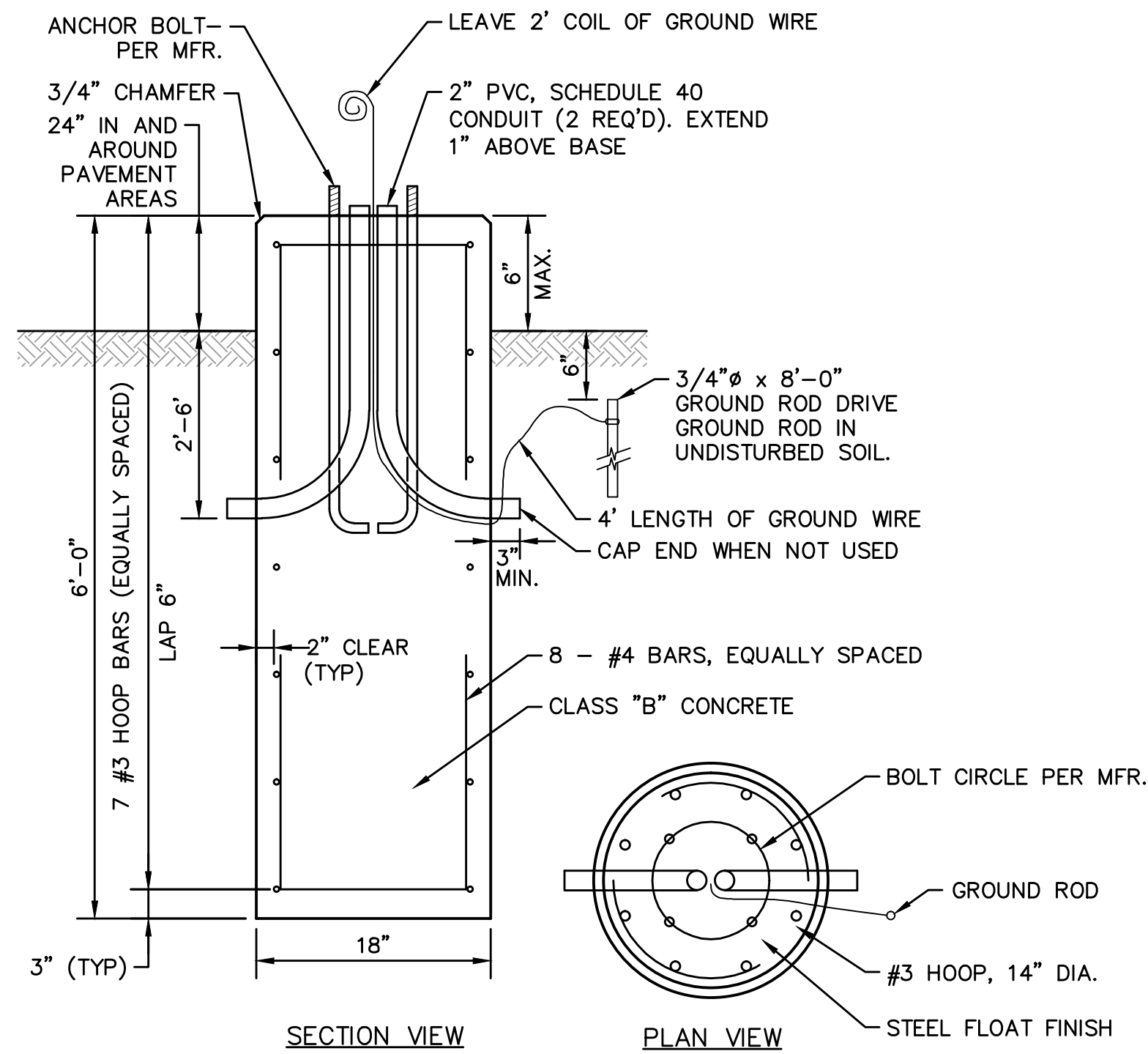
SCALE:
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100 International Dr. #360 Portsmouth, NH 03801
Tel (603) 431-2920 Fax (603) 431-8067 Web: www.foyletanner.com
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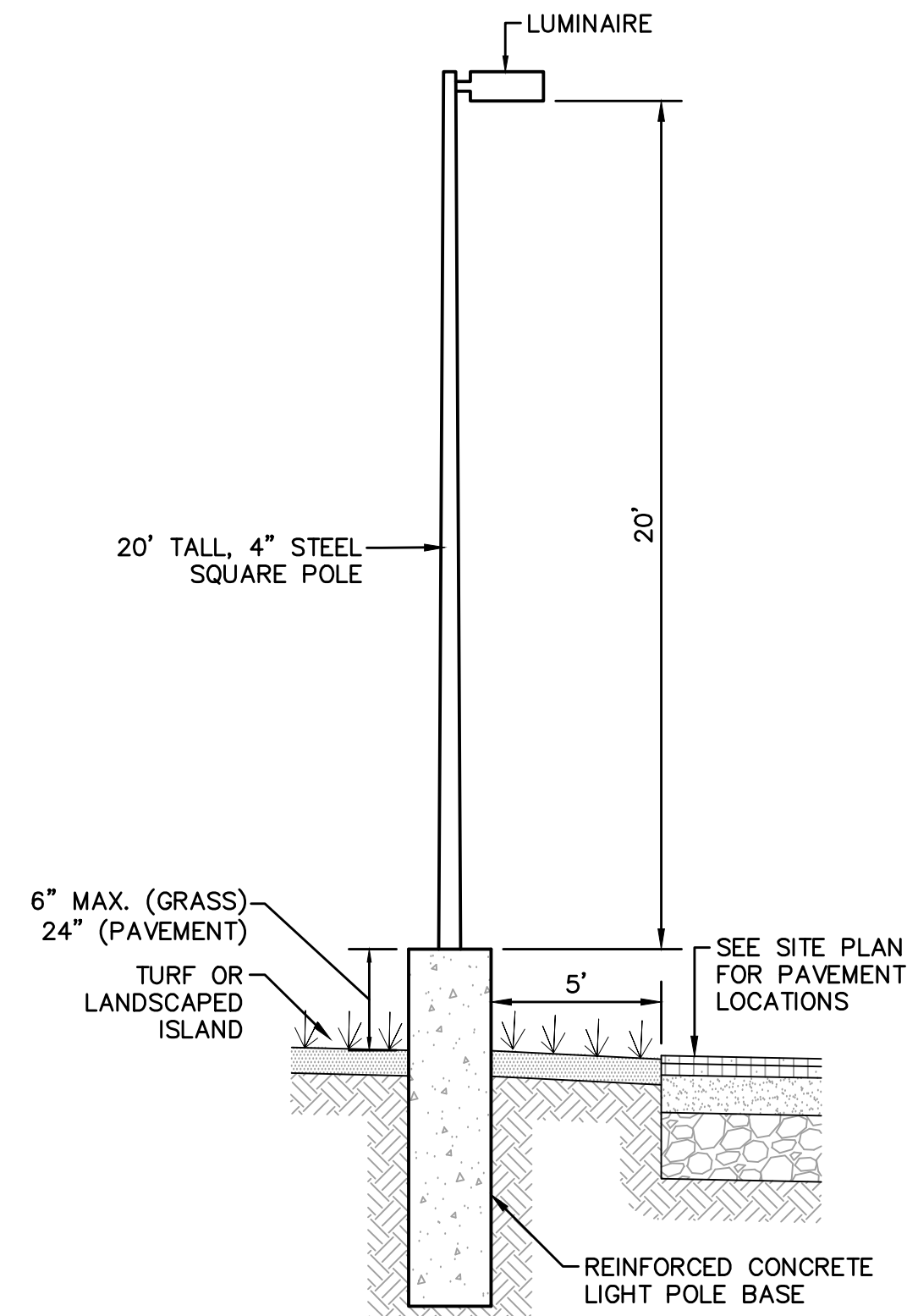
TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275

PROJECT
ALLENSTOWN COMMUNITY CENTER
SITE PLAN
ALLENSTOWN, NH

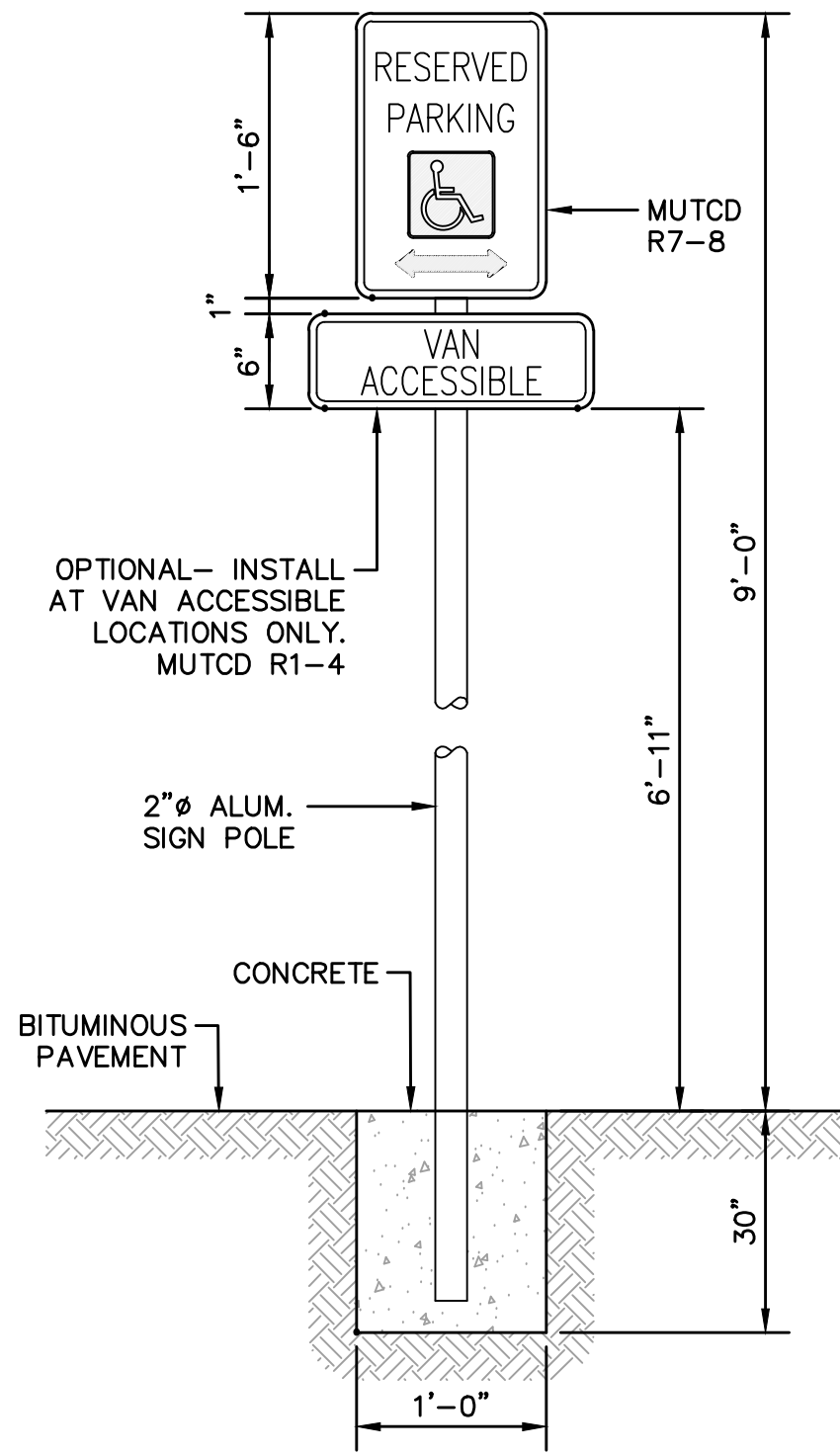
CONSTRUCTION DETAILS - 3
C10
PROJECT NO. 562801
SHEET 10 OF 12



1 LIGHT POLE BASE DETAIL
C11 SCALE: NONE

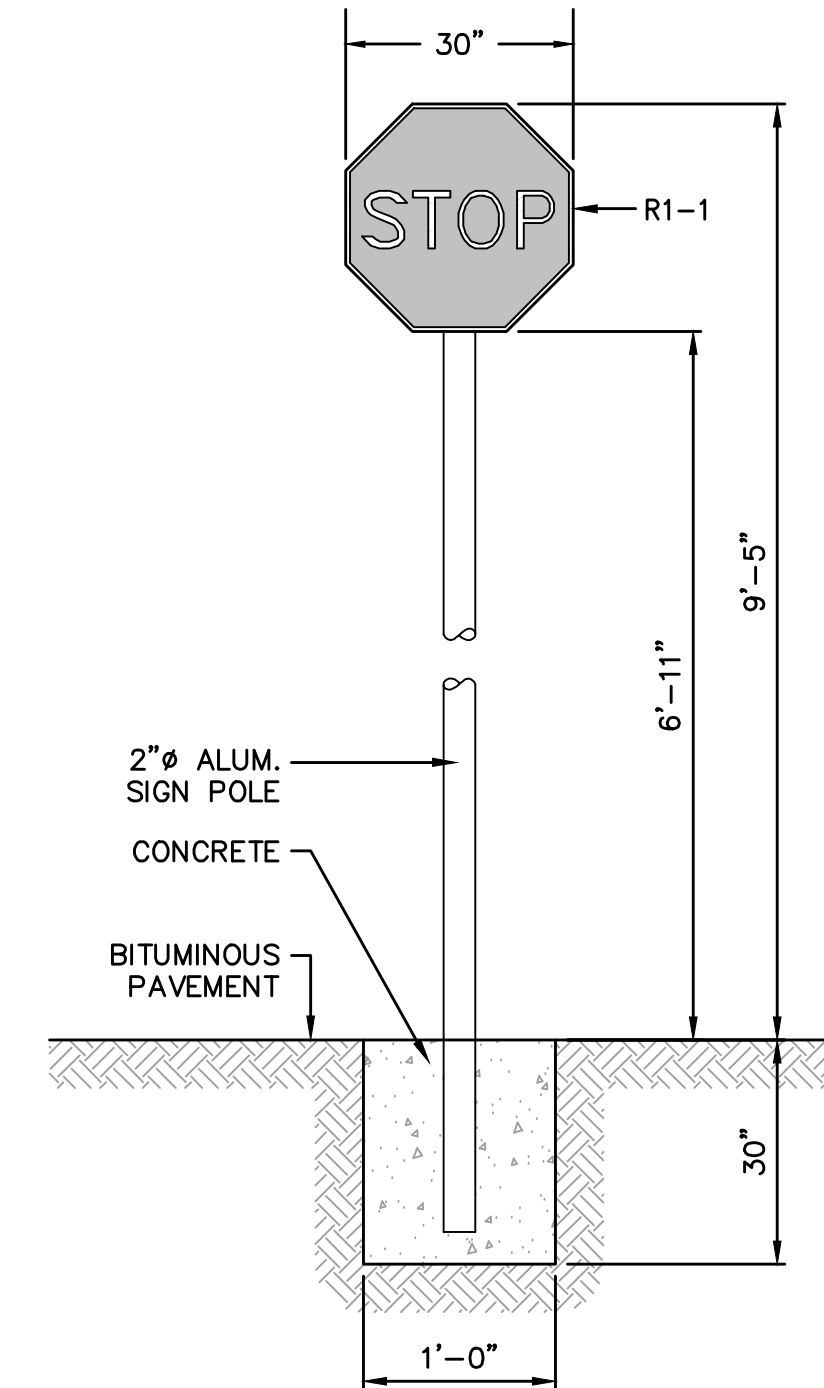


2 METAL LIGHT POLE DETAIL
C11 SCALE: NONE



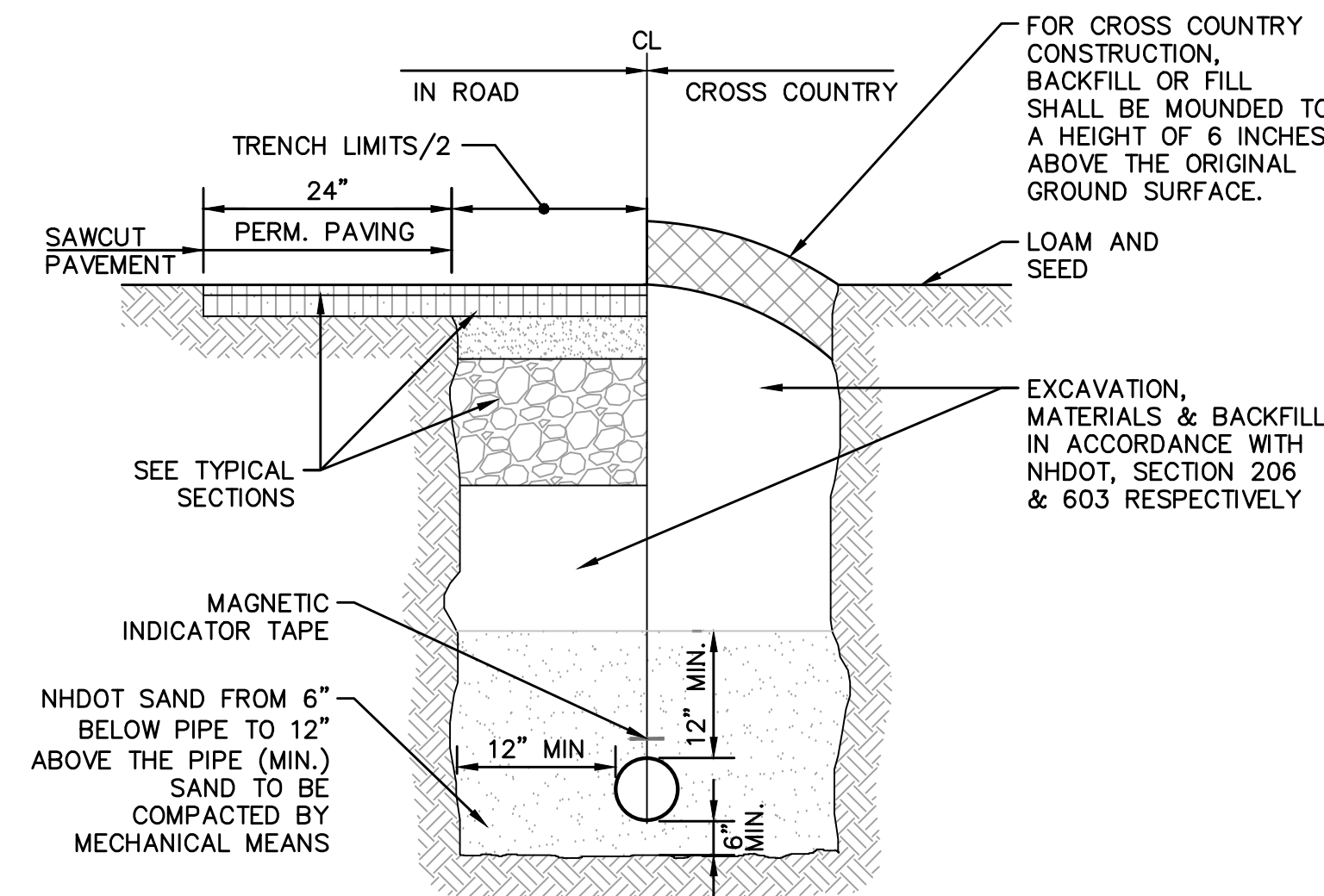
- SIGN NOTES:**
- ALL SIGNAGE SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE MUTCD.
 - HANDICAP PARKING SIGN TO BE INSTALLED AT HEAD OF ALL DESIGNATED PARKING SPACES.

3 SIGN MOUNTING DETAIL
C11 SCALE: NONE



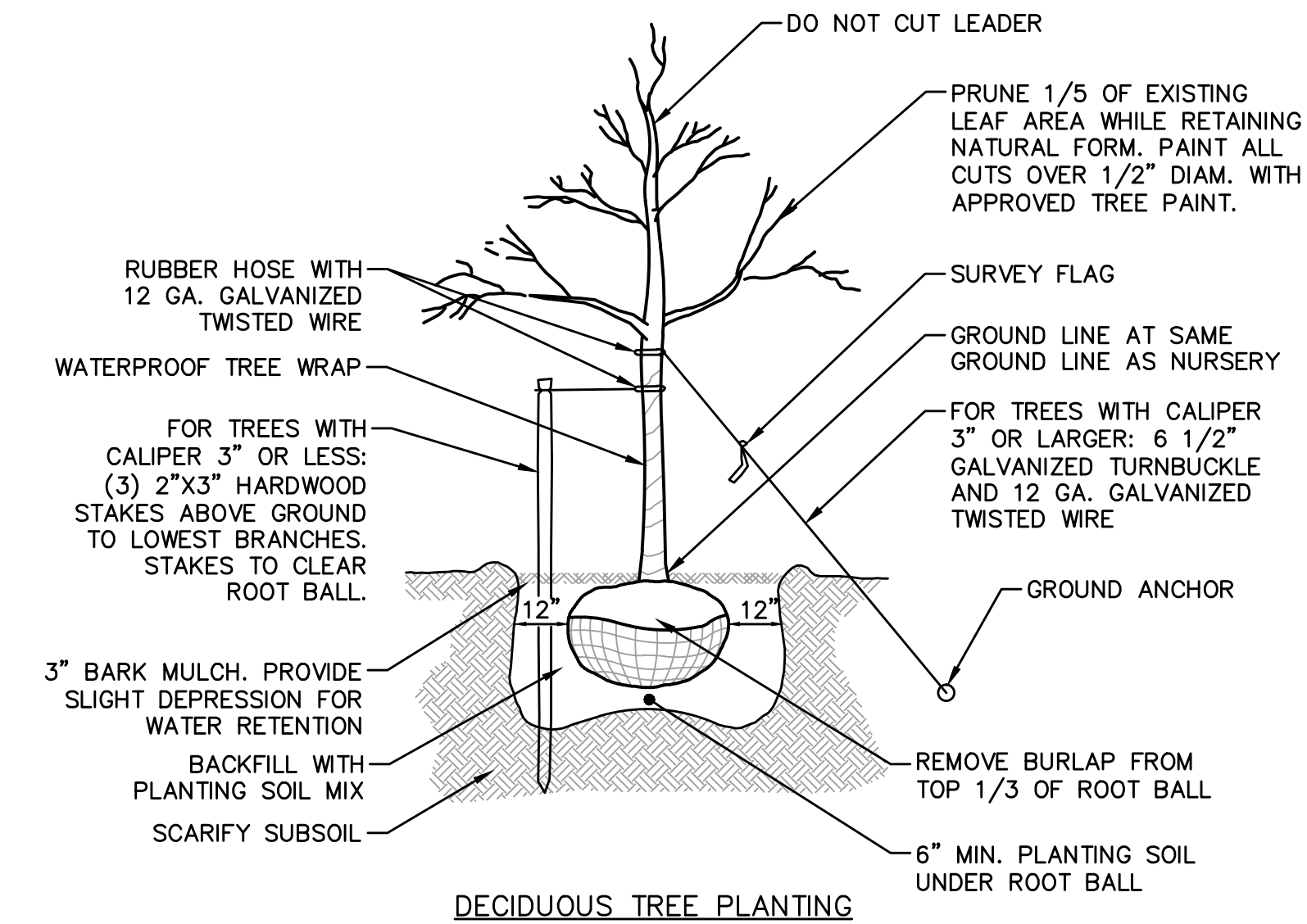
- SIGN NOTES:**
- ALL SIGNAGE SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE MUTCD.
 - HANDICAP PARKING SIGN TO BE INSTALLED AT HEAD OF ALL DESIGNATED PARKING SPACES.

4 STOP SIGN MOUNTING DETAIL
C11 SCALE: NONE



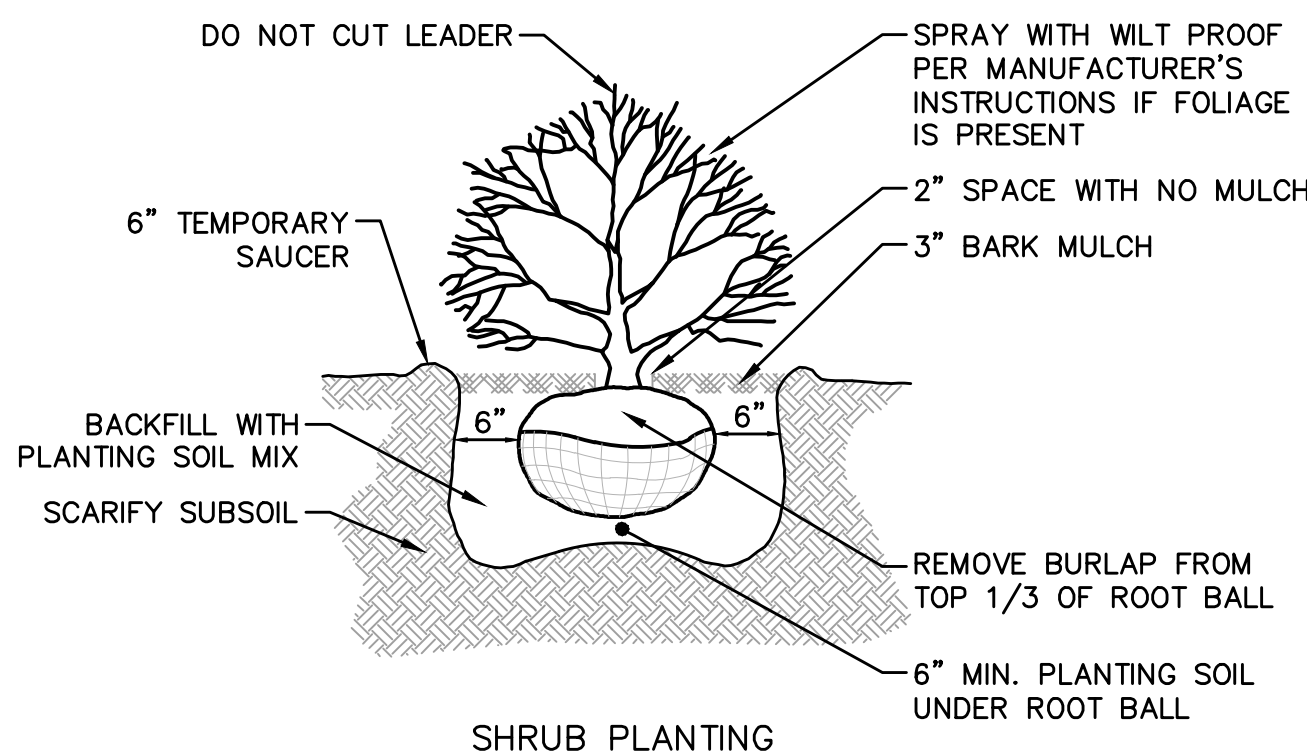
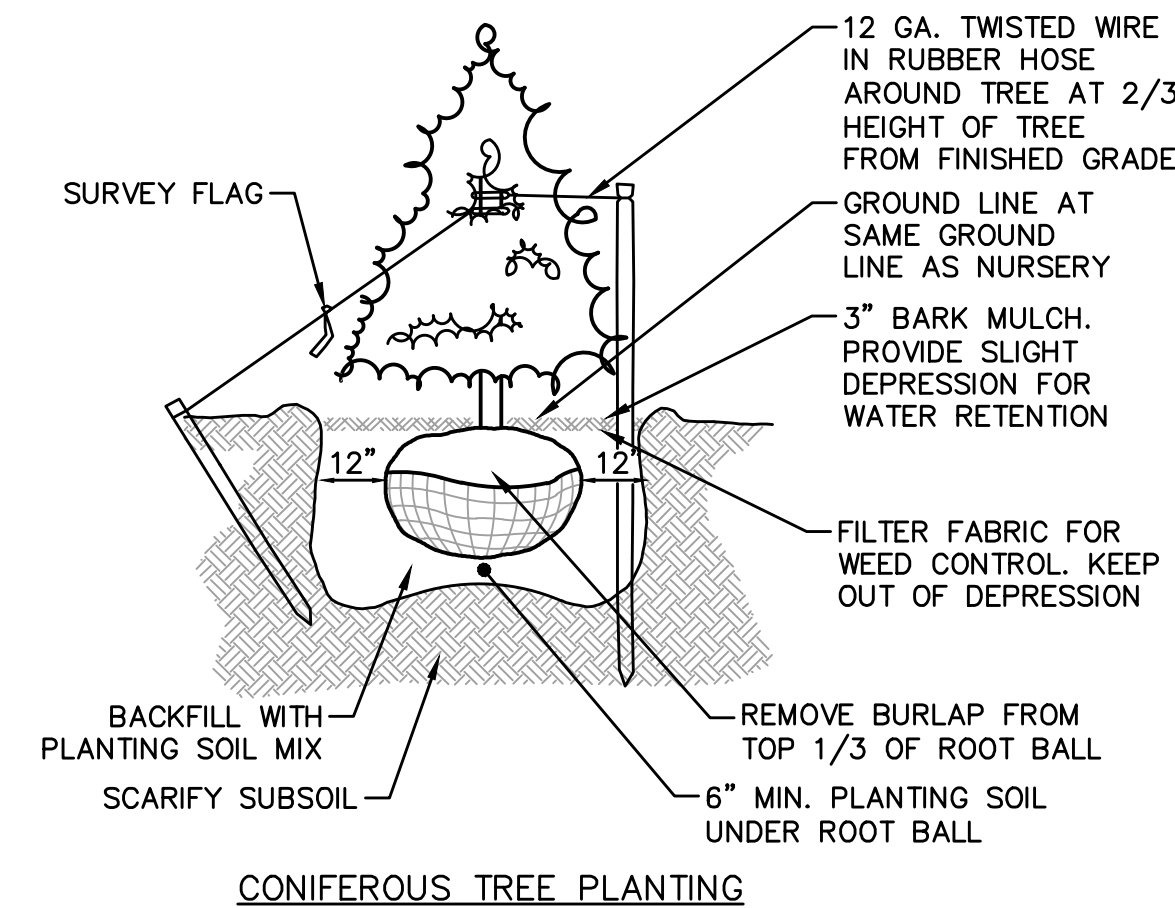
- TRENCH NOTES:**
- CONDUIT SHALL BE SCHEDULE 40 PVC AND SHALL CONFORM TO THE APPLICABLE SECTIONS OF NEMA TC-2-1990 AND BE UL LISTED.
 - ALL PVC CONDUIT JOINTS SHALL BE CEMENTED.
 - A SUITABLE PULL CABLE, CAPABLE OF 200 POUNDS OF PULL, MUST BE INSTALLED IN THE CONDUIT.
 - COORDINATE SIZE OF CONDUIT WITH OWNER.
 - DEPTH OF CONDUIT SHALL BE 36" TO INVERT.
 - CONTRACTOR TO COORDINATE WITH SONNY LEMIRE (PSNH) FOR NUMBER AND SIZE OF CONDUITS FOR ELECTRIC, LIGHTING, DATA, ETC.

5 ELECTRIC / LIGHTING CONDUIT TRENCH DETAIL
C11 SCALE: NONE



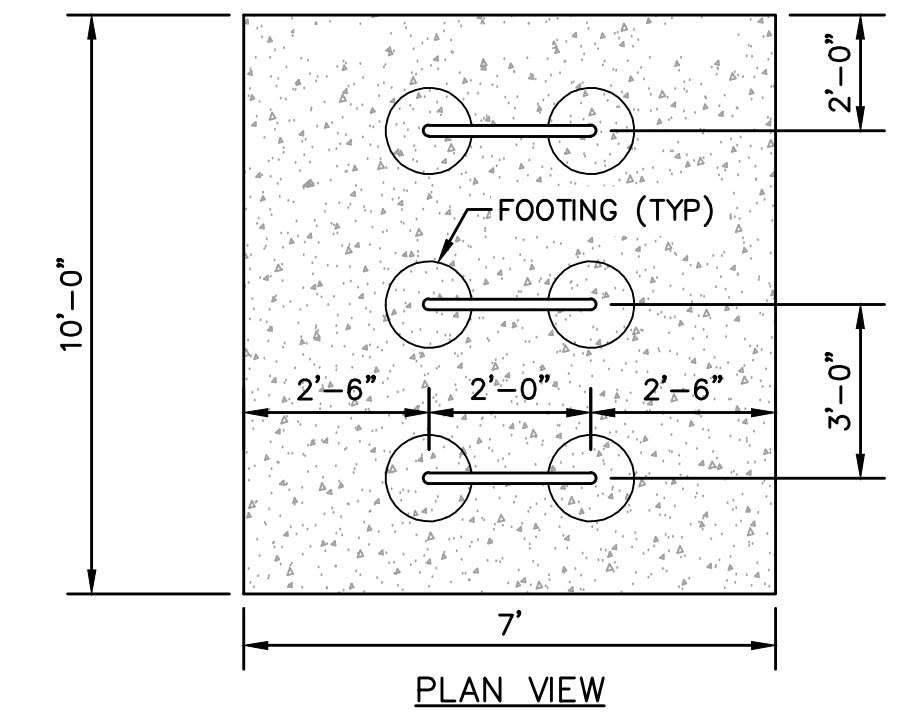
- FOR TREES 5' IN HEIGHT OR GREATER:**
- PROVIDE (3) 12 GA. GALVANIZED GUY WIRES @ 120 DEGREE SPACING WITH (6) 1/2" GALVANIZED TURNBUCKLE WIRE IN RUBBER HOSE AROUND TREE.
 - ATTACH TO TREE @ 1/2-2/3 HEIGHT OF TREE ABOVE GRADE.
 - ANCHOR WITH 2"x3" HARDWOOD STAKE BURIED BELOW GRADE AND CLEAR OF ROOT BALL.
- FOR TREES LESS THAN 5' IN HEIGHT:**
- PROVIDE (3) 2"x3" HARDWOOD STAKES @ 120 DEGREE SPACING, MIN. 36" IN GROUND AND CLEAR OF ROOT BALL.

6 TYPICAL TREE PLANTING DETAILS
C11 SCALE: NONE



- BICYCLE RACK NOTES:**
- BICYCLE RACK BY CYCLE SAFE, INC - MODEL U2RACK OR APPROVED EQUAL.
 - STEEL SHALL MEET ASTM D 2240 FOR HARDNESS.

7 BICYCLE RACK DETAIL
C11 SCALE: NONE



ENGINEER

STATE OF NEW HAMPSHIRE

MARISA DIBIASO
No. 12194

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100 International Dr., #360, Portsmouth, NH 03801
Tel: (603) 431-2520 Fax: (603) 431-8667 Web: www.roytanner.com
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NO.	REVISION DESCRIPTION	DATE	CHECKED BY	DRAWN BY
2	MINOR REVISIONS PER PLANNING COMM. REVIEW	3/26/15	WRD	MAD
1	ISSUED FOR SITE PLAN REVIEW	3/18/15	WRD	MAD

DESIGNED BY: MAD
DATE: MARCH 18, 2015
SCALE: AS SHOWN

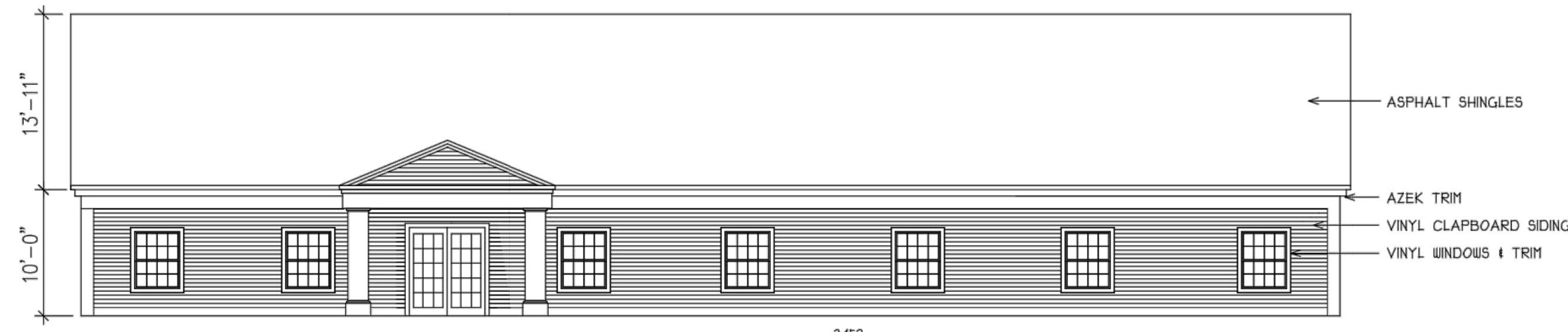
TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275

PROJECT
ALLENSTOWN COMMUNITY CENTER
SITE PLAN
ALLENSTOWN, NH

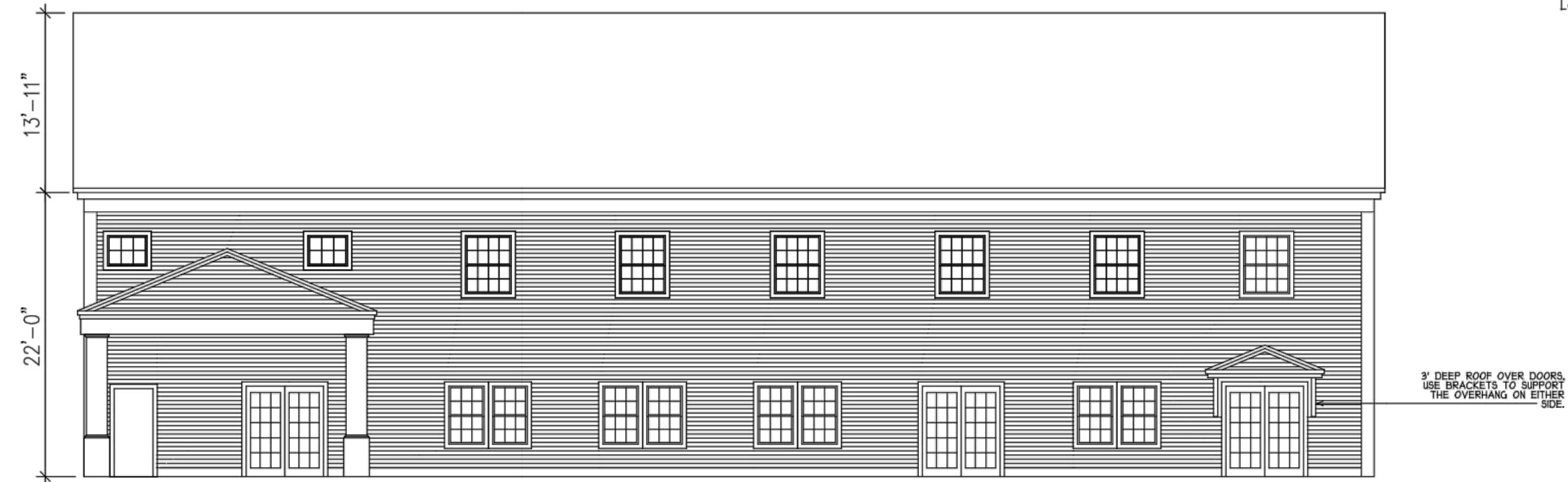
CONSTRUCTION DETAILS - 4

C11

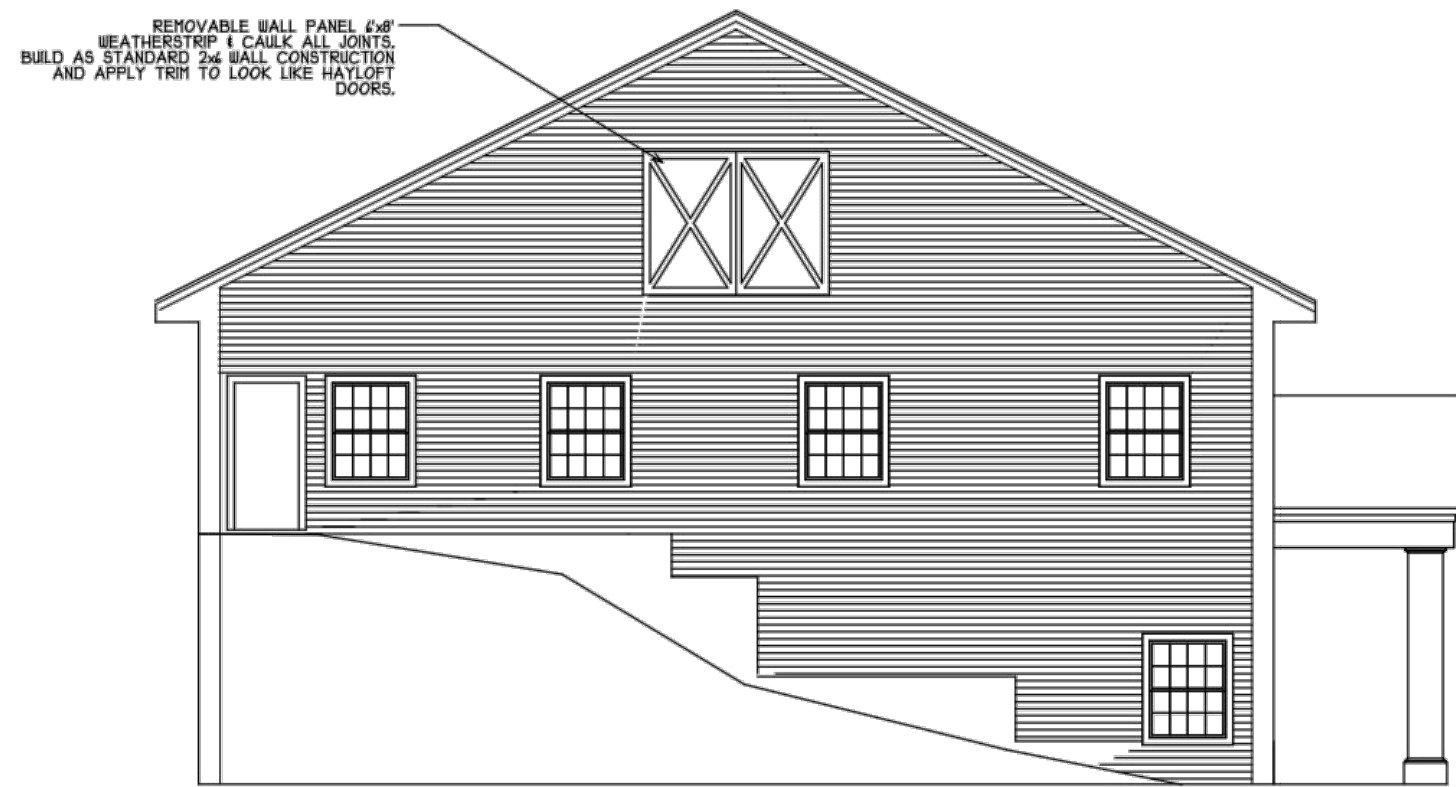
PROJECT NO. 562801
SHEET 11 OF 12



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



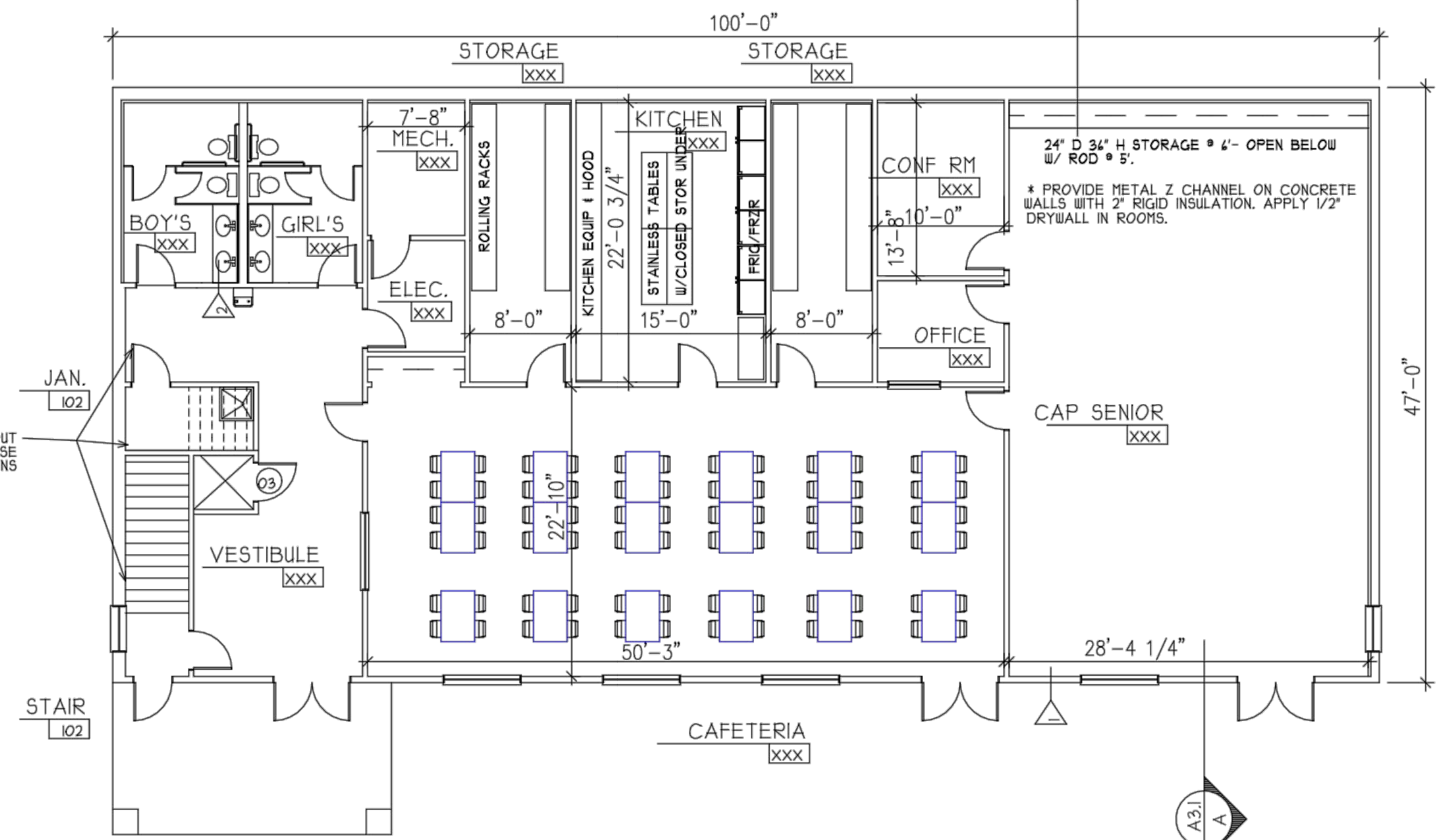
WEST ELEVATION
SCALE: 1/8" = 1'-0"



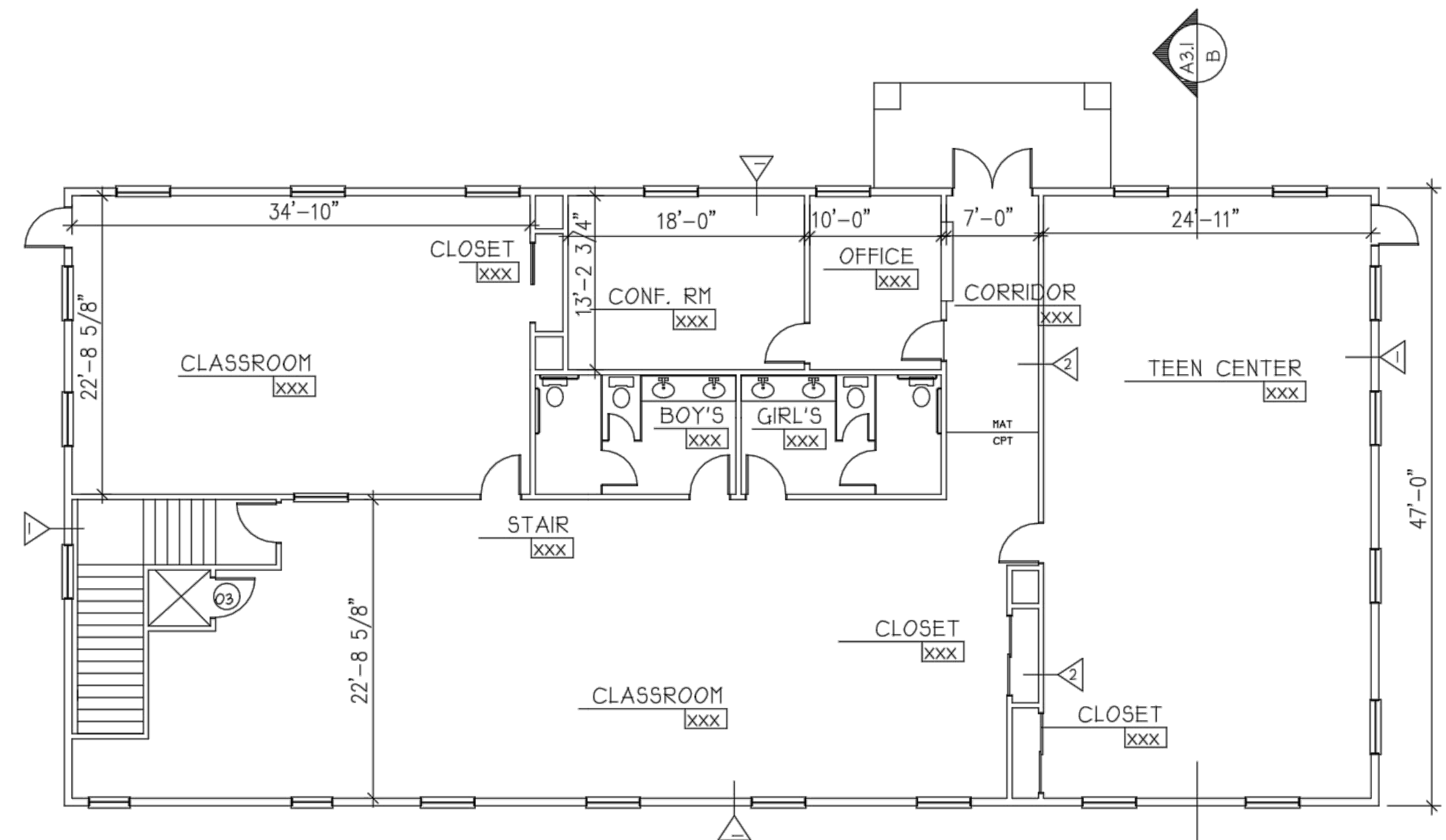
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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



LOWER FLOOR PLAN



UPPER FLOOR PLAN

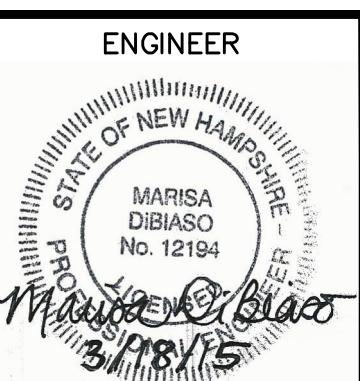


PROJECT: BOYS & GIRLS CLUB
WHITTEN STREET
ALLENSTOWN, N.H.

TITLE: PLANS
DATE: 02/24/15
REV: 03/12/15

DRWN BY: XXX
JOB NO. XXX

A-1
DRAWING NUMBER



REV.	DESCRIPTION	DATE
1	ISSUED FOR SITE PLAN REVIEW	3/18/15
2	MINOR REVISIONS PER PLANNING COMM. REVIEW	3/26/15

CHECKED BY: WRD
DRAWN BY: MAD
DESIGNED BY: MAD

DATE: MARCH 18, 2015
SCALE: AS SHOWN
DESIGNED BY: MAD

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CLIENT: TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275

PROJECT: ALLENSTOWN COMMUNITY CENTER
SITE PLAN
ALLENSTOWN, NH

BUILDING ELEVATIONS & FLOOR PLANS

C12

PROJECT NO. 562801
SHEET 12 OF 12