

MAP 2, LOT 109
SITE PLAN

PROPOSED DENTAL OFFICE

108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

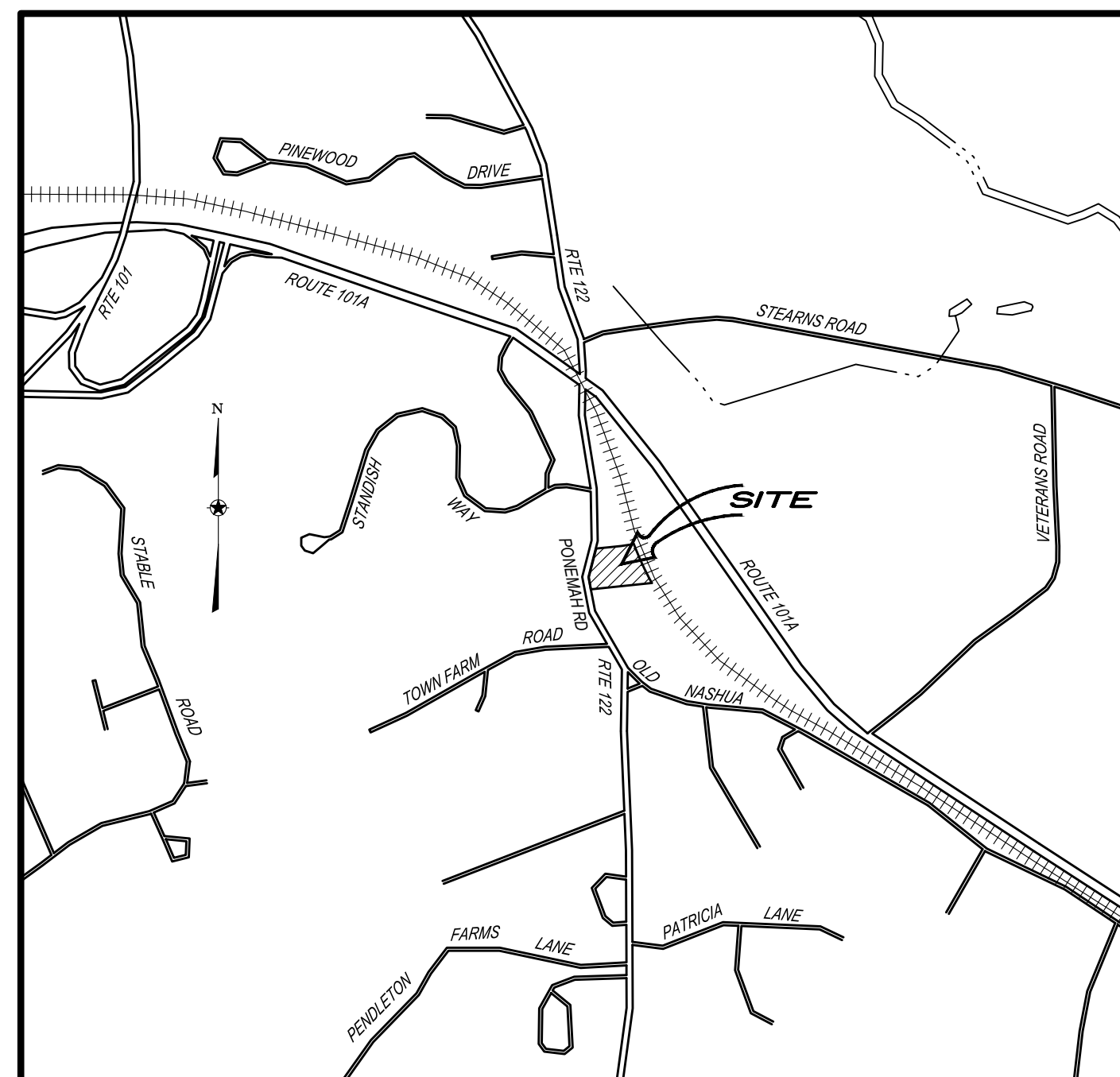
PREPARED FOR/RECORD OWNER

AZ REALTY, LLC

12 GILBOA LANE
NASHUA, NEW HAMPSHIRE 03062
(603)672-6546

1 APRIL 2024

PRELIMINARY DESIGN REVIEW			
No.	DATE	REVISION	BY



VICINITY PLAN

INDEX OF PLANS

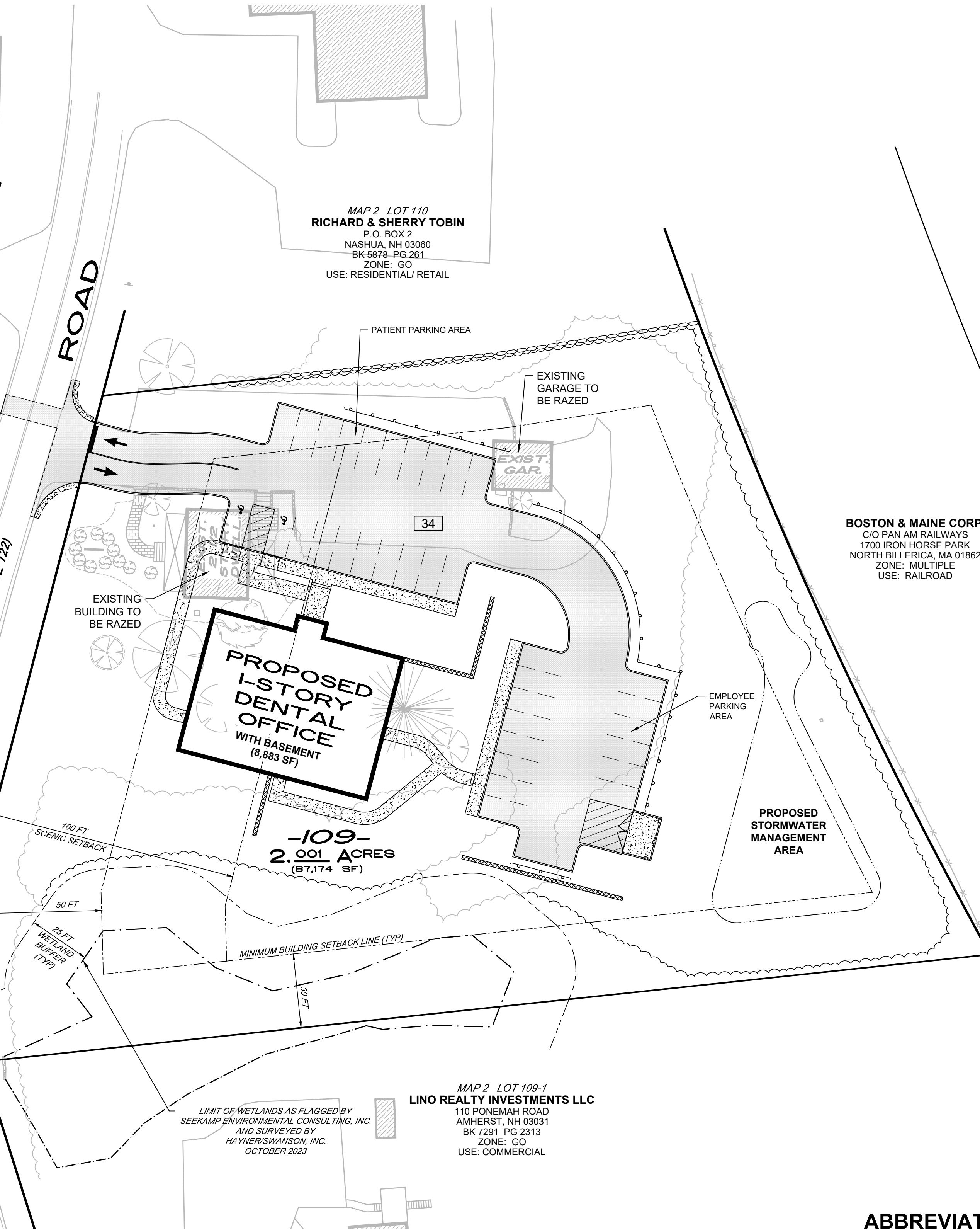
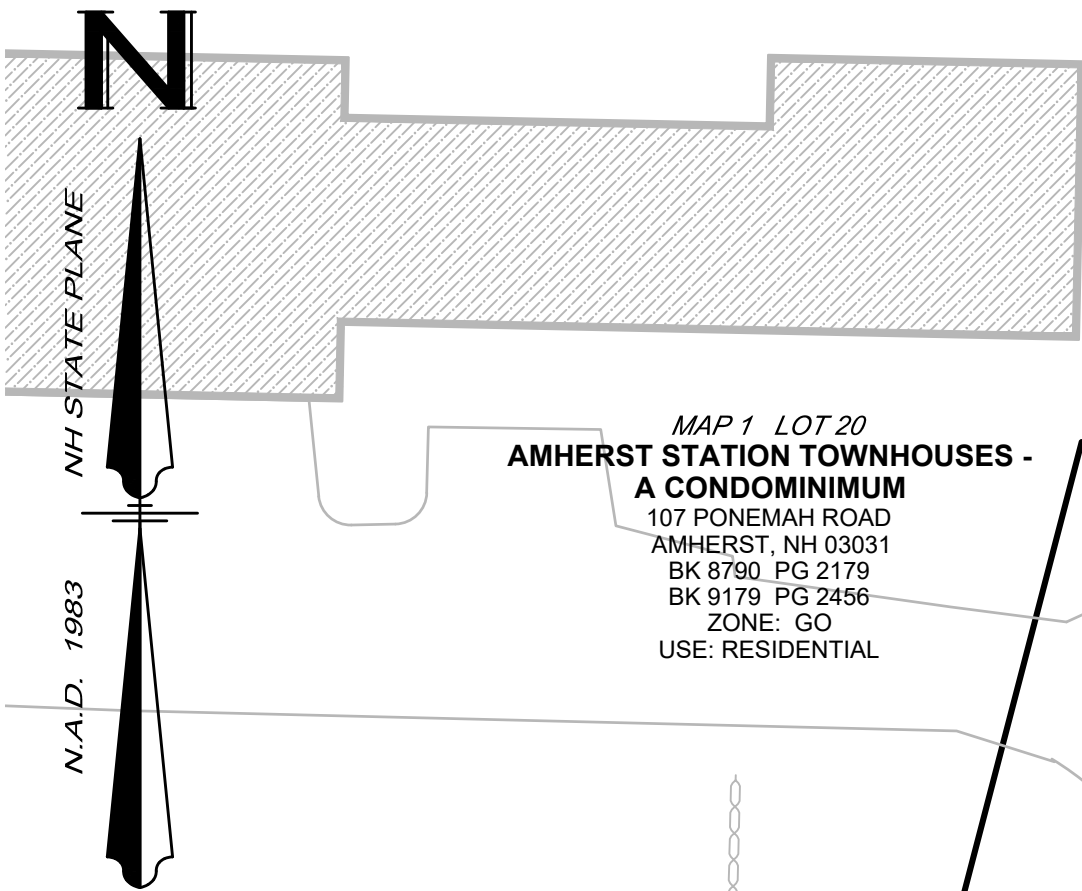
SHEET No.	TITLE	
1 OF 16	MASTER SITE PLAN	1"= 30'
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3 OF 16	SITE DEMOLITION PLAN	1"=20'
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7 OF 16	EROSION CONTROL PLAN - PHASE 2	1"= 20'
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BUILDING ELEVATIONS		

 **HSI** Hayner/Swanson, Inc.

Civil Engineers/Land Surveyors
3 Congress Street
Nashua, NH 03062
(603) 883-2057
www.hayner-swanson.com

131 Middlesex Turnpike
Burlington, MA 01803
(781) 203-1501





MAP 1 LOT 20-18
OVERLOOK ASSOCIATES
 OVERLOOK COMMON LAND
 168 SOUTH RIVER ROAD
 BEDFORD, NH 031106
 BK 3287 PG 222
 ZONE: GO
 USE: OPEN SPACE

MAP 1 LOT 20-19
SPRUCE PARK CONDOMINIUM
 109 PONEMAH ROAD
 AMHERST, NH 03031
 BK 4849 PG 26
 ZONE: GO
 USE: PROFESSIONAL OFFICE PARK

MAP 2 LOT 110
RICHARD & SHERRY TOBIN
 P.O. BOX 2
 NASHUA, NH 03060
 BK 5878 PG 261
 ZONE: GO
 USE: RESIDENTIAL/RETAIL

MAP 2 LOT 90-3
STATE OF NEW HAMPSHIRE
 6 HAZEN DRIVE
 CONCORD, NH 03301
 BK 4833 PG 107
 ZONE: GO
 USE: VACANT

BOSTON & MAINE CORP.
 C/O PAN AM RAILWAYS
 1700 IRON HORSE PARK
 NORTH BILLERICA, MA 01862
 ZONE: MULTIPLE
 USE: RAILROAD

MAP 2 LOT 109-1
LINO REALTY INVESTMENTS LLC
 110 PONEMAH ROAD
 AMHERST, NH 03031
 BK 7291 PG 2313
 ZONE: GO
 USE: COMMERCIAL

LIMIT OF WETLANDS AS FLAGGED BY
 SEEKAMP ENVIRONMENTAL CONSULTING, INC.
 AND SURVEYED BY
 HAYNERSWANSON, INC.
 OCTOBER 2023

APPROVED
AMHERST PLANNING BOARD

CHAIRMAN	DATE
SECRETARY	DATE

ZONING NOTE
 THE ZONING/BUILDING SETBACKS DEPICTED ON THIS PLAN ARE THOSE WE HAVE INTERPRETED FROM THE LATEST ZONING ORDINANCE OF THE MUNICIPALITY AND, AS SUCH, ARE ONLY OPINIONS EXPRESSED BY HAYNERSWANSON, INC. THE FINAL INTERPRETATION OF THE ORDINANCE CAN ONLY BE MADE BY THE APPROPRIATE ZONING AUTHORITY. SINCE BUILDING ORIENTATION, PROPOSED USES, AND OTHER FACTORS CAN AFFECT THE SETBACKS, PRIOR TO ANY DEVELOPMENT OF THIS PROPERTY, THE BUILDER/OWNER MUST CONSULT WITH THE TOWN/CITY TO INSURE THE CORRECT APPLICATION OF THE ZONING ORDINANCE.



GENERAL		UTILITY	
APPROX	APPROXIMATE	CB	CATCH BASIN
BIT	BITUMINOUS	C.I.	CORRUGATED METAL PIPE
BM	BASEMENT FLOOR ELEVATION	C.O.	CLEANOUT
CONC	CONCRETE	DB, GR.	DOUBLE GRATE
DYL	DOUBLE YELLOW LINE	D.I.	DUCTILE IRON PIPE
ELEV	ELEVATION	DMH	DRAIN MANHOLE
EXIST	EXISTING	HW	HEAD WALL
FF	FINISH/FIRST FLOOR ELEVATION	HDPE	HIGH DENSITY POLYETHYLENE PIPE
MAX	MAXIMUM	HYD	HYDRANT
MIN	MINIMUM	INV	INVERT
N.T.S.	NOT TO SCALE	OCS	OUTLET CONTROL STRUCTURE
PERF	PERFORATED	PVC	POLYVINYL CHLORIDE PIPE
PROP	PROPOSED	RCP	REINFORCED CONCRETE PIPE
SWL	SOLID WHITE LINE	RIM	RIM ELEVATION
SYL	SOLID YELLOW LINE	SMH	SEWER MANHOLE
TYP	TYPICAL	UGE	UNDERGROUND ELECTRIC
		UGT	UNDERGROUND TELECOMMUNICATIONS
		YD	YARD DRAIN

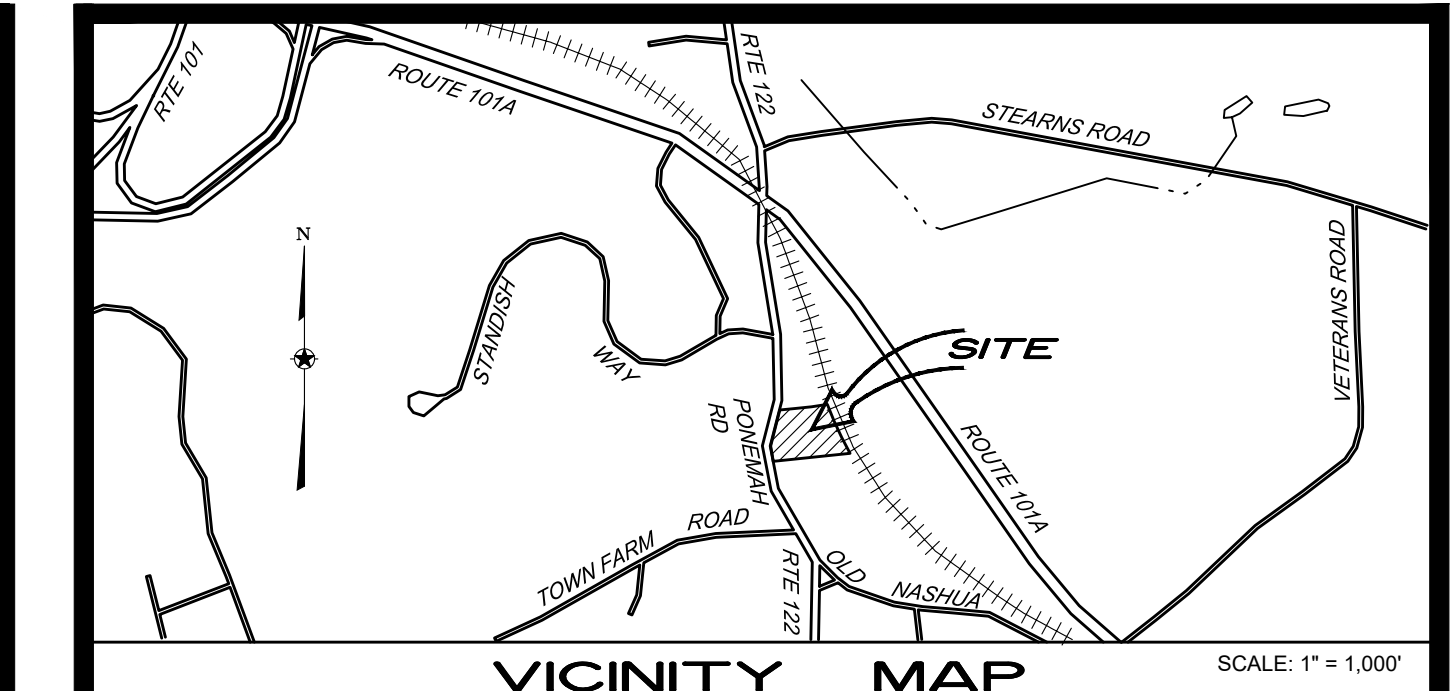
[Signature]
 FOR AZ REALTY, LLC DATE 3-28-24

PLAN REFERENCES:

- SUBDIVISION PLAN OF LAND KNOWN AS LOT 2-109 PONEMAH ROAD-ROUTE 122, AMHERST, N.H., OWNED BY NORA K. AND J. GARY HULTMAN, SCALE 1"=50', DATED JANUARY 8, 1981 BY CAJR CO. RECORDED: HCRD PLAN No. 13852.
- NEW ENGLAND TEL & TEL CO. EASEMENT ACROSS LAND OF MARY WHITCHER HEATH, AMHERST, N.H., SCALE 1"=100 FT., DATED NOV. 16, 1948. RECORDED: HCRD PLAN No. 767.
- SUBDIVISION PLAN, PONEMAH ROAD, AMHERST, NEW HAMPSHIRE, PREPARED FOR ARTHUR MARTIN, SCALE 1"=50', DATED 17 NOVEMBER 1980, LAST REVISED 2/18/81 BY ALLAN H. SWANSON, INC. RECORDED: HCRD PLAN 13884.
- RIGHT OF WAY AND TRACK MAP, WILTON R.R. CO., OPERATED BY THE BOSTON AND MAINE R.R., STATION 419+60 TO STATION 472+40, SCALE 1"=100', DATED JUNE 30, 1914 AS REVISED BY THE OFFICE OF VALUATION ENGINEER. NOT RECORDED.

LEGEND

- 100 EXISTING GROUND CONTOUR
- +100.5 EXISTING SPOT ELEVATION
- 100 PROPOSED GRADE
- +100.5 PROPOSED SPOT GRADE
- STORM DRAIN & CATCH BASIN
- STORM DRAIN & MANHOLES
- STORM DRAIN & HEADWALL
- SANITARY SEWER & MANHOLES
- WATER MAIN & HYDRANT
- WATER MAIN & GATE VALVE
- GAS LINE & GATE VALVE
- UTILITY POLE WITH GUY SUPPORT
- OVERHEAD ELECTRIC & TELEPHONE
- UNDERGROUND ELECTEL
- SIGN
- STONE BOUND
- IRON PIN
- DRILL HOLE & STONE WALL
- STONE BOUND TO BE SET
- IRON PIN TO BE SET
- TBM 1 TEMPORARY BENCHMARK
- BUILDING SETBACK LINE
- WETLAND FLAGGING LIMIT
- WETLAND BUFFER LINE
- WIRE FENCE
- CURBING
- VERTICAL GRANITE CURBING
- SLOPE GRANITE CURBING
- STORMWATER RUNOFF DIRECTION
- HANDICAP PARKING SPACE
- HANDICAP SIDEWALK RAMP
- PARKING SPACE COUNT
- STREET ADDRESS
- GUARDRAIL
- PAVEMENT SAWCUT
- CONCRETE
- PROPOSED PAVEMENT
- RIPRAP / STONE
- TP-1 TEST PIT LOCATION & IDENTIFIER
- RETAINING WALL
- TREE LINE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUBS
- LIMIT OF WORK



NOTES:

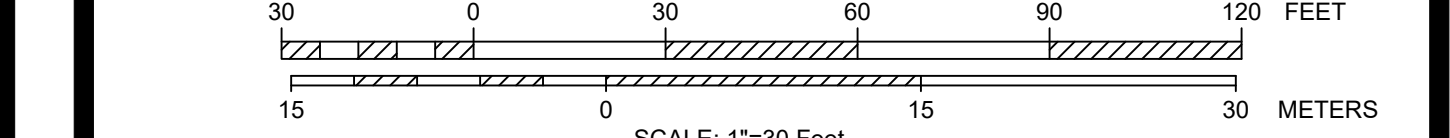
- LOT AREA: 2.001 ACRES (87,174 SF)
- PRESENT ZONING: **GO - GENERAL OFFICE**
 DIMENSIONAL REQUIREMENTS:
 MIN. LOT AREA 1 ACRE
 MIN. FRONTAGE 200 FT
 MIN. FRONT SETBACK 100 FT
 MIN. SIDE SETBACK 30 FT
 MIN. REAR SETBACK 30 FT
 MAX. BUILDING HEIGHT 40 FT
 FLOOR AREA RATIO 20%
 NOTE: ON FEBRUARY 20, 2024 THE AMHERST ZONING BOARD OF ADJUSTMENT GRANTED A VARIANCE OF ARTICLE III SECTION 3.11, PARAGRAPH 8.1 TO ALLOW A BUILDING WHICH IS SET BACK 60 FT FROM A SCENIC ROAD WHERE A MINIMUM 100 FT SETBACK IS REQUIRED.
- LOT NUMBERS REFER TO THE TOWN OF AMHERST ASSESSORS MAPS 1 & 2.
- PURPOSE OF PLAN: TO SHOW A PROPOSED 1-STORY, 8,883 SF DENTAL OFFICE (WITH BASEMENT) ALONG WITH ASSOCIATED SITE IMPROVEMENTS.
- PARKING:
 MINIMUM REQUIRED: 4 SPACES/1,000 SF X 6,663 SF = 27 SPACES
 OFFICE STORAGE (BASEMENT): 1 SPACE/11,000 SF X 2,220 SF = 2 SPACES
 TOTAL: = 29 SPACES
 PROPOSED (INCLUDING 2 ACCESSIBLE SPACES): = 34 SPACES
- OPEN SPACE:
 MIN. REQUIRED: 30 %
 PROVIDED: 75 %
- THE SUBJECT PARCEL IS LOCATED WITHIN ZONE X AND ZONE X SHADED, GRAPHICALLY DEPICTED ON THE FLOOD INSURANCE RATE MAP (FIRM), HILLSBOROUGH COUNTY, TOWN OF AMHERST, NEW HAMPSHIRE, COMMUNITY No. 330081, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER: 33011C0478D, REVISED DATE: SEPTEMBER 25, 2009.
- ALL SIGNAGE SHALL CONFORM TO THE APPLICABLE TOWN OF AMHERST REGULATIONS.
- SITE IMPROVEMENTS DEPICTED ON THE PLAN SHALL CONFORM WITH TITLE III OF THE AMERICANS WITH DISABILITIES ACT WITH REGARD TO DIMENSION, GRADE AND NUMBER OF PARKING SPACES.
- THIS PROJECT SHALL BE SERVICED BY A PRIVATE SEPTIC SYSTEM, WATER BY PENNICHUCK WATER WORKS, GAS, AND UNDERGROUND ELECTRIC/COMMUNICATIONS UTILITIES.
- THE SUBJECT PARCEL IS LOCATED WITHIN THE TOWN OF AMHERST AQUIFER CONSERVATION AND WELLHEAD PROTECTION DISTRICT.
- A COMPLIANCE HEARING IS REQUIRED.
- DEBRIS CONTAINERS ARE REQUIRED ON SITE.
- STATE PERMITS/APPROVALS:
 • NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NHDES) INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS) APPROVAL (PENDING)
 • NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (NHDT) DRIVEWAY PERMIT (PENDING)
- PRESENT OWNERS OF RECORD:
MAP 2, LOT 109
 AZ REALTY, LLC
 12 GILBOA LANE
 NASHUA, NH 03062
 BK 9888, PG 177

PRELIMINARY
 DESIGN REVIEW

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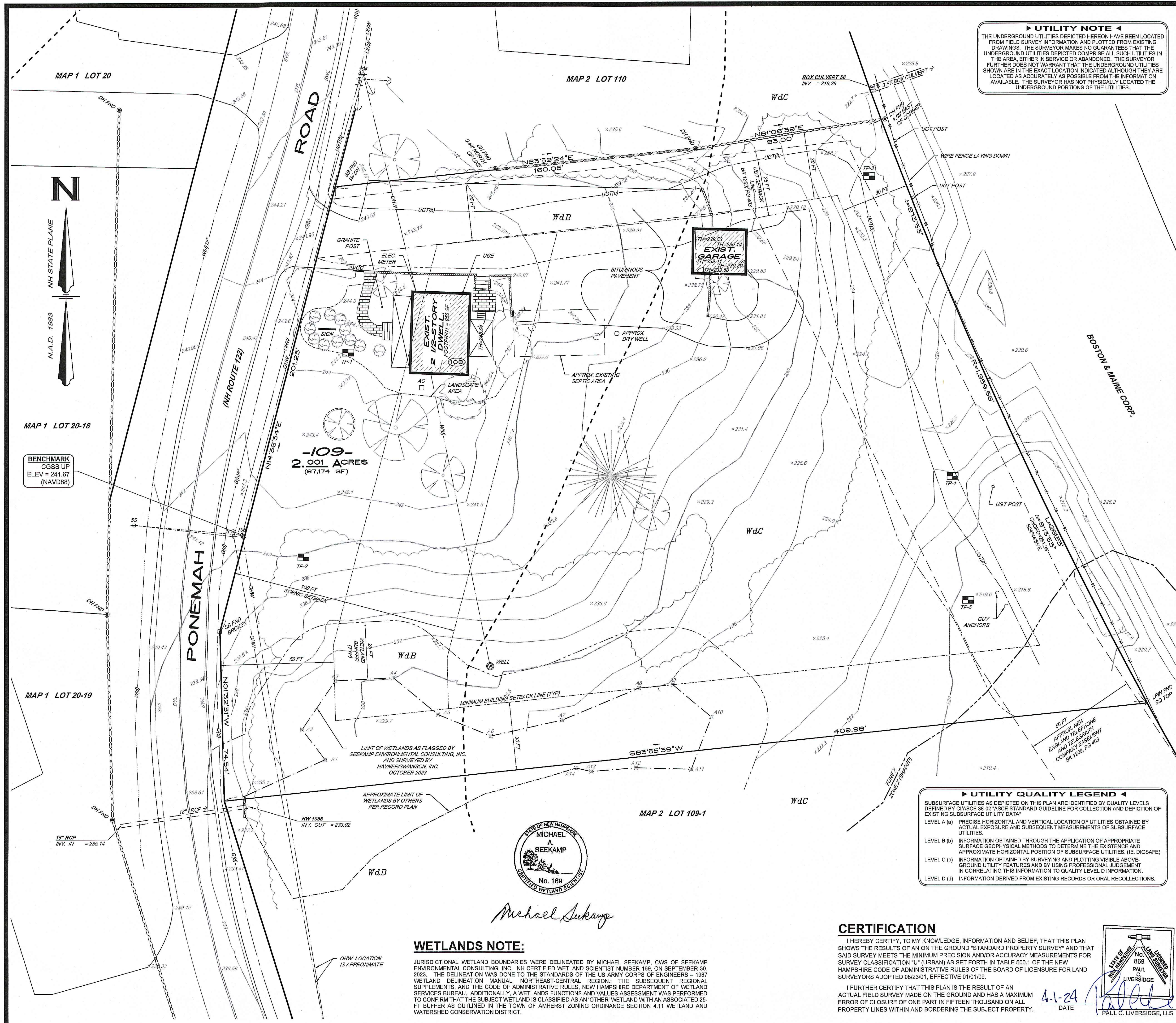
MASTER SITE PLAN
 (MAP 2, LOT 109)
PROPOSED DENTAL OFFICE
 108 PONEMAH ROAD
 AMHERST, NEW HAMPSHIRE

PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
 12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



1 APRIL 2024

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 Civil Engineers/Land Surveyors
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UTILITY NOTE
 THE UNDERGROUND UTILITIES DEPICTED HEREON HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND PLOTTED FROM EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND PORTIONS OF THE UTILITIES.

SOILS DATA

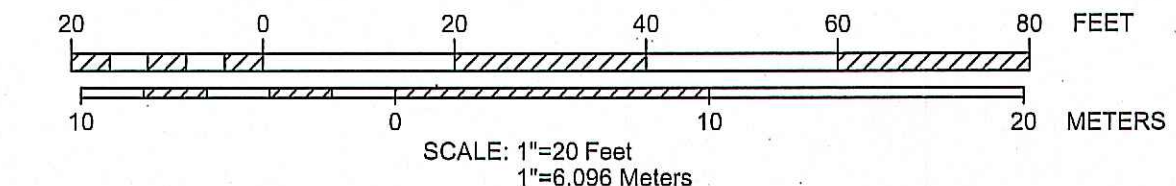
Wd.B	WINDSOR SANDY LOAM, 0 TO 8 PERCENT SLOPES
Wd.C	WINDSOR SANDY LOAM, 8 TO 15 PERCENT SLOPES
- - -	SOIL BOUNDARY

- SURVEY NOTES:**
- THE EXISTING PLANIMETRICS AND TOPOGRAPHY, AS SHOWN ON THESE PLANS, IS BASED ON AN ACTUAL FIELD SURVEY MADE ON THE GROUND IN OCTOBER 2023.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACCURACY OF THE EXISTING TOPOGRAPHY PRIOR TO EARTHWORK OPERATIONS. NO CLAIM FOR EXTRA WORK DUE TO TOPOGRAPHIC INACCURACY SHALL BE CONSIDERED AFTER EARTHWORK HAS COMMENCED.
 - THE CONTRACTOR SHALL ONLY USE BENCHMARKS AS PROVIDED BY THE ENGINEER.
 - SURVEY CONTROL INFORMATION:
 CONTROLLED BY TRIMBLE R-10 GPS RECEIVER. RTK CORRECTIONS VIA KEYNET VRS
 HORIZONTAL DATUM: NAD83 (2011)
 HORIZONTAL PROJECTION: NH STATE PLANE
 VERTICAL DATUM: NAVD83
 UNITS: US SURVEY FEET.
 - TEST PIT LOCATIONS AS SHOWN ARE APPROXIMATE AND WERE WITNESSED BY THIS OFFICE.

PRELIMINARY
 DESIGN REVIEW

EXISTING CONDITIONS PLAN
 (MAP 2, LOT 109)
PROPOSED DENTAL OFFICE
 108 PONEMAH ROAD
 AMHERST, NEW HAMPSHIRE

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UTILITY QUALITY LEGEND
 SUBSURFACE UTILITIES AS DEPICTED ON THIS PLAN ARE IDENTIFIED BY QUALITY LEVELS DEFINED BY CIASCE 38-02 "ASCE STANDARD GUIDELINE FOR COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

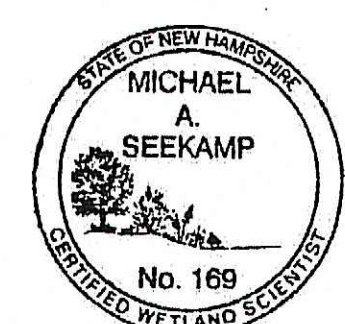
- LEVEL A (a) PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY ACTUAL EXPOSURE AND SUBSEQUENT MEASUREMENTS OF SUBSURFACE UTILITIES.
- LEVEL B (b) INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES (IE DIGSAFE)
- LEVEL C (c) INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.
- LEVEL D (d) INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

CERTIFICATION

I HEREBY CERTIFY, TO MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THIS PLAN SHOWS THE RESULTS OF AN ON THE GROUND "STANDARD PROPERTY SURVEY" AND THAT SAID SURVEY MEETS THE MINIMUM PRECISION AND/OR ACCURACY MEASUREMENTS FOR SURVEY CLASSIFICATION "U" (URBAN) AS SET FORTH IN TABLE 600.1 OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS ADOPTED 08/23/01, EFFECTIVE 01/01/09.

I FURTHER CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE ON THE GROUND AND HAS A MAXIMUM ERROR OF CLOSURE OF ONE PART IN FIFTEEN THOUSAND ON ALL PROPERTY LINES WITHIN AND BORDERING THE SUBJECT PROPERTY.

PAUL C. LIVERSIDGE, LLS
 4-1-24
 DATE

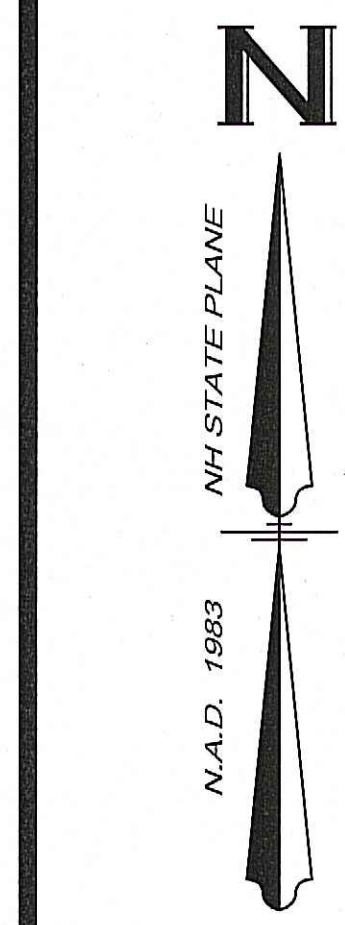


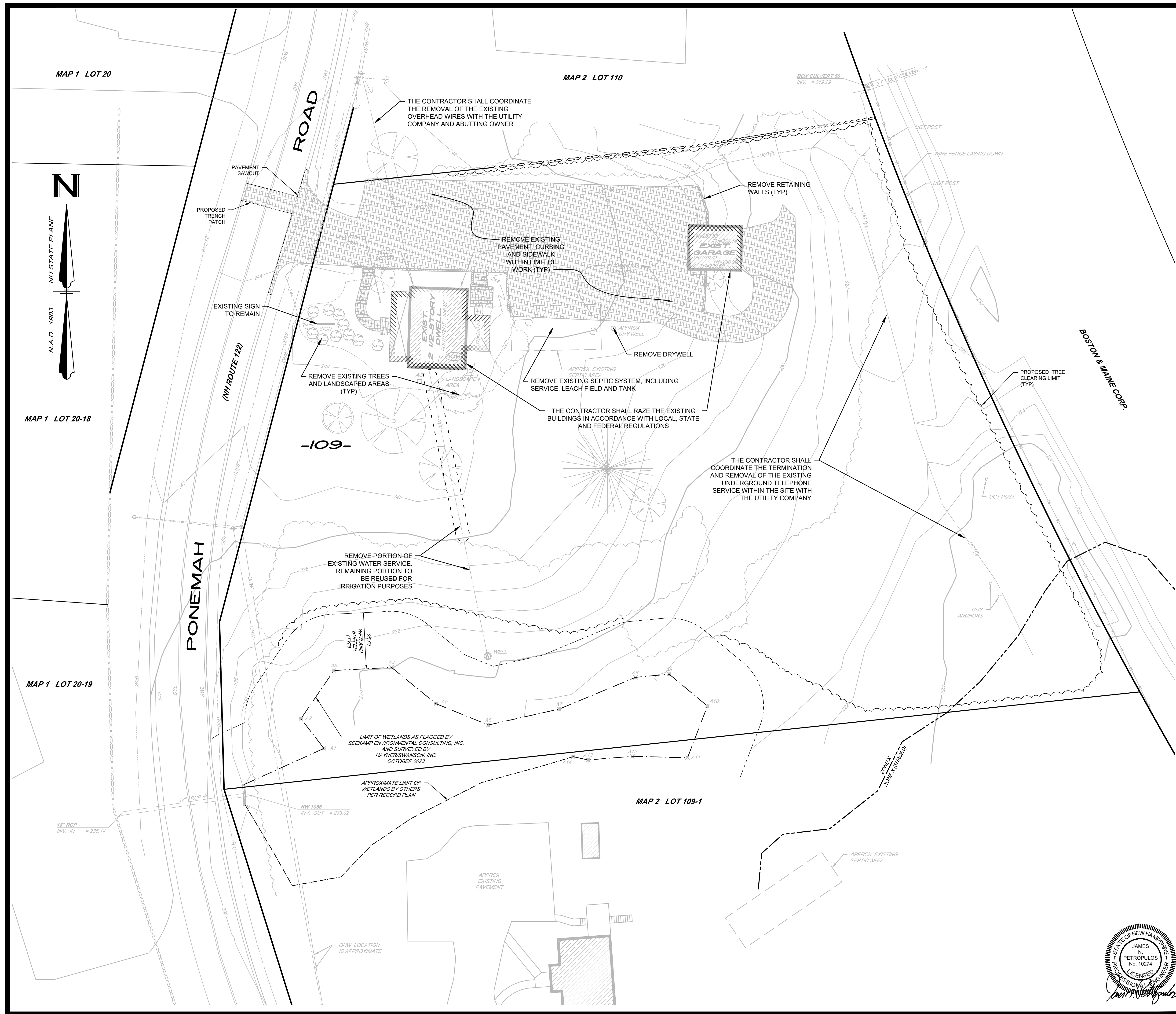
Michael Seekamp

WETLANDS NOTE:

JURISDICTIONAL WETLAND BOUNDARIES WERE DELINEATED BY MICHAEL SEEKAMP, CWS OF SEEKAMP ENVIRONMENTAL CONSULTING, INC. NH CERTIFIED WETLAND SCIENTIST NUMBER 169, ON SEPTEMBER 30, 2023. THE DELINEATION WAS DONE TO THE STANDARDS OF THE US ARMY CORPS OF ENGINEERS - 1987 WETLAND DELINEATION MANUAL, NORTHEAST-CENTRAL REGION; THE SUBSEQUENT REGIONAL SUPPLEMENTS, AND THE CODE OF ADMINISTRATIVE RULES, NEW HAMPSHIRE DEPARTMENT OF WETLAND SERVICES BUREAU. ADDITIONALLY, A WETLANDS FUNCTIONS AND VALUES ASSESSMENT WAS PERFORMED TO CONFIRM THAT THE SUBJECT WETLAND IS CLASSIFIED AS AN "OTHER WETLAND WITH AN ASSOCIATED 25-FT BUFFER AS OUTLINED IN THE TOWN OF AMHERST ZONING ORDINANCE SECTION 4.11 WETLAND AND WATERSHED CONSERVATION DISTRICT.

BENCHMARK
 CGSS UP
 ELEV = 241.67
 (NAVD88)





- SITE DEMOLITION NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FENCES, FOUNDATIONS, PARKING DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC. SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE ENGINEERS RECOMMENDATIONS.
 2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
 3. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
 4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON SITE LOCATIONS OF EXISTING UTILITIES.
 5. EXISTING UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.
 6. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBERGLASS PIPE (FIBER), FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
 7. PRIOR TO SITE DEMOLITION ACTIVITIES, ALL APPROPRIATE EROSION CONTROL MEASURES SHALL BE INSTALLED, INCLUDING PERIMETER CONTROLS.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE TOWN OF AMHERST COMMUNITY DEVELOPMENT/BUILDING DEPARTMENT PRIOR TO THE START OF CONSTRUCTION. A DEMOLITION PERMIT SHALL BE OBTAINED FROM THE TOWN PRIOR TO THE COMMENCEMENT OF WORK.



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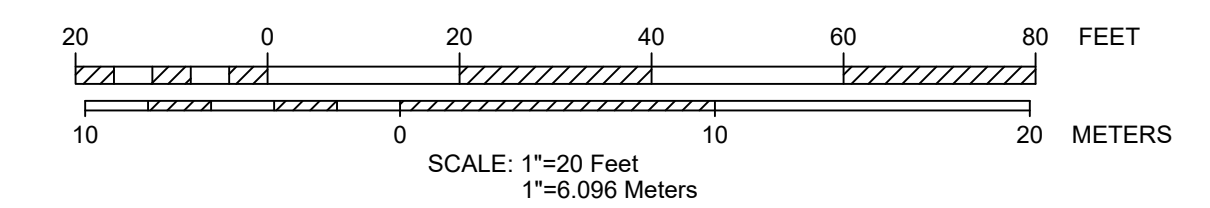
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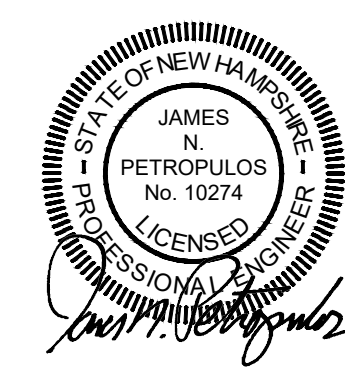
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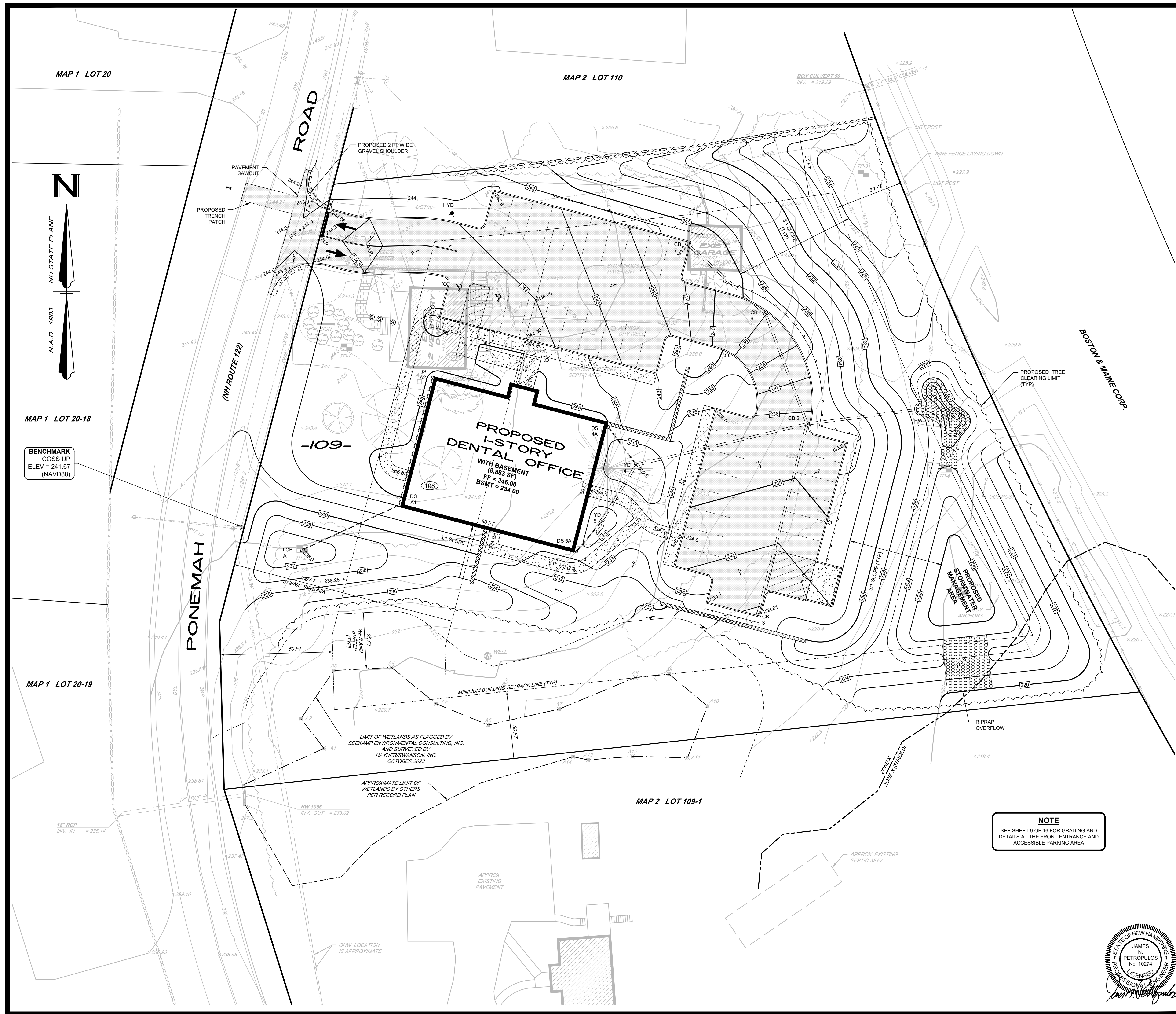
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TOWN OF AMHERST CONTACTS

COMMUNITY DEVELOPMENT DEPARTMENT:
 2 MAIN STREET
 AMHERST, NH 03031
 ATT: NICOLA STRONG
 (603) 673-6041 X 204

DEPARTMENT OF PUBLIC WORKS
 22 DODGE ROAD
 AMHERST, NH 03031
 ATT: ERIC SLOSEK
 (603) 673-6041 EX 404

FIRE DEPARTMENT:
 177 AMHERST STREET
 AMHERST, NH 03031
 ATT: MATTHEW CONLEY
 (603) 673-1545 X 301

BUILDING DEPARTMENT/HEALTH OFFICER:
 2 MAIN STREET
 AMHERST, NH 03031
 ATT: SCOTT TENNEY
 (603) 673-6041 EX 214

UTILITY CONTACTS

WATER:
 PENNICHUCK WATER WORKS
 25 MANCHESTER STREET
 MERRIMACK, NH 03054
 ATT: JOHN BOISVERT, PE
 (603) 913-2300

GAS:
 LIBERTY UTILITIES
 11 NORTHEASTERN BLVD.
 SALEM, NH 03079
 ATT: RYAN LAGASSE
 (603) 327-7151

TELEPHONE:
 CONSOLIDATED COMMUNICATIONS
 257 DANIEL WEBSTER HWY.
 MERRIMACK, NH 03054
 ATT: JOY MENDONCA
 (603) 645-2713

POWER:
 EVERSOURCE
 370 AMHERST STREET
 NASHUA, NH 03060
 ATT: MARC GAGNON
 (603) 882-5894

CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF AMHERST AND SHALL BE BUILT IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- ROAD AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET THE REQUIREMENTS AND SPECIFICATIONS FOR ROAD CONSTRUCTION BY THE TOWN OF AMHERST DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION, AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS BEFORE DIGGING.
- BLASTING, IF NEEDED, SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF AMHERST FIRE DEPARTMENT REGULATIONS.
- ALL STUMPS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
- ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED IMMEDIATELY UPON BEING CONSTRUCTED.
- PRIOR TO COMMENCEMENT OF MAJOR CONSTRUCTION ACTIVITIES, THE ENGINEER SHALL PROVIDE THE CONTRACTOR WITH LAYOUT PLANS AND COORDINATE VALUES FOR STRATEGIC ELEMENTS OF THE SITE.
- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT BUILDING DIMENSIONS AND DETAILS.
- ALL DIMENSIONS ARE FROM FACE OF CURB OR OUTSIDE FACE OF BUILDING UNLESS NOTED OTHERWISE.
- ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.

PRELIMINARY DESIGN REVIEW

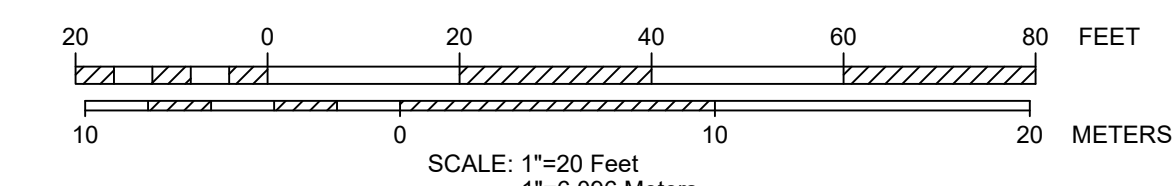
NO.	DATE	REVISION	BY

SITE GRADING & DRAINAGE PLAN (MAP 2, LOT 109)

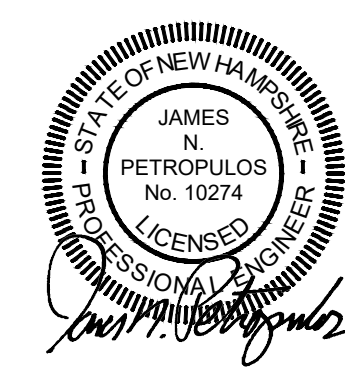
PROPOSED DENTAL OFFICE

108 PONEMAH ROAD
 AMHERST, NEW HAMPSHIRE

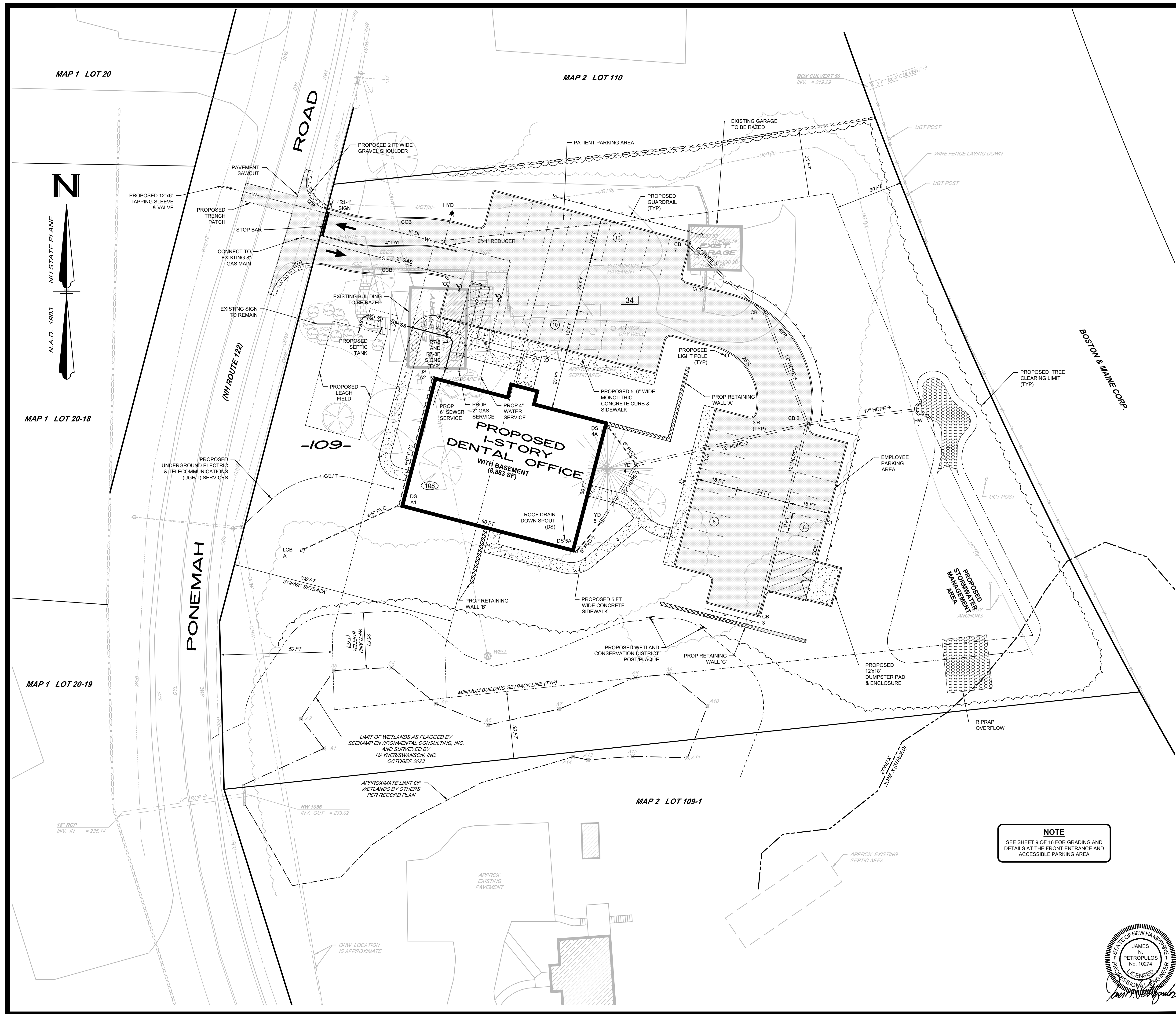
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
 12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



1 APRIL 2024

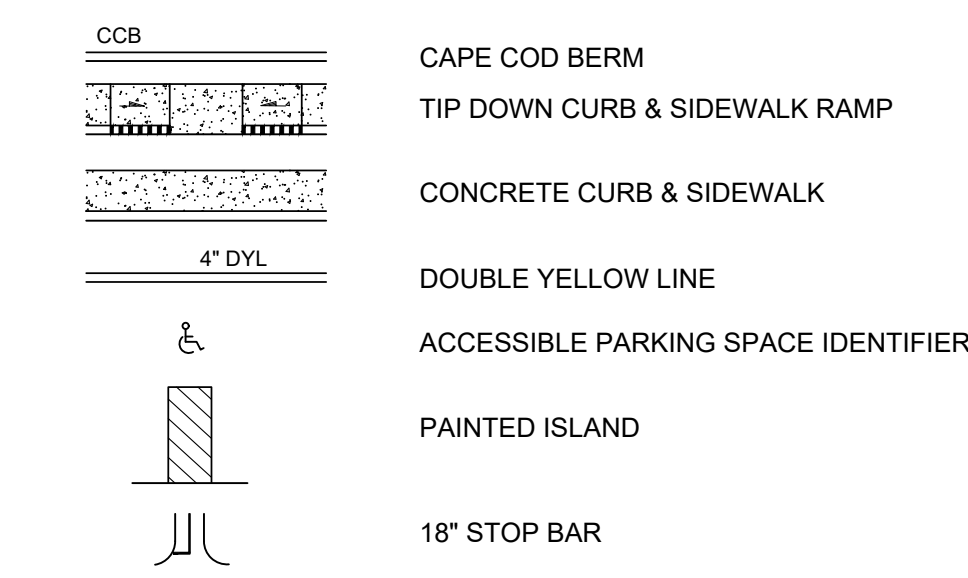


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- UTILITY NOTES:**
- ALL DRAINAGE PIPE SHALL BE HDPE ADS N-12 SOILTIGHT (ST) PIPE AND JOINTS OR AN APPROVED EQUAL. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE FOLLOWED.
 - ALL WATER LINE, HYDRANT VALVES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE PENNICKLUCK WATER WORKS TECHNICAL SPECIFICATIONS FOR WATER MAIN, HYDRANT, AND SERVICE INSTALLATIONS (LATEST EDITION).
 - THE SITE IS SERVICED BY AN EXISTING PRIVATE, SEPTIC SYSTEM.
 - ALL ELECTRIC RELATED WORK SHALL CONFORM TO EVERSOURCE STANDARDS.
 - ALL TELECOMMUNICATIONS WORK SHALL CONFORM TO CONSOLIDATED COMMUNICATIONS STANDARDS.
 - ALL NATURAL GAS RELATED WORK SHALL COMPLY WITH LIBERTY UTILITIES STANDARDS.

CURB, SIDEWALK & PAVEMENT MARKING LEGEND



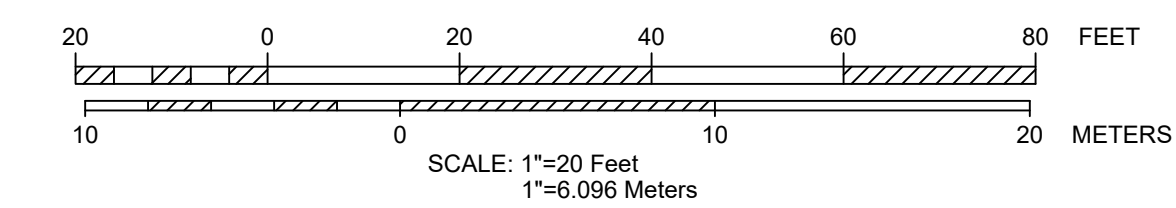
SIGN LEGEND

TEXT	IDENTIFICATION NUMBER	SIZE WIDTH/HEIGHT
SEE MUTCD FOR TEXT DIMENSIONS		TEXT DIMENSIONS
	R1-1	30\"/>

PRELIMINARY DESIGN REVIEW

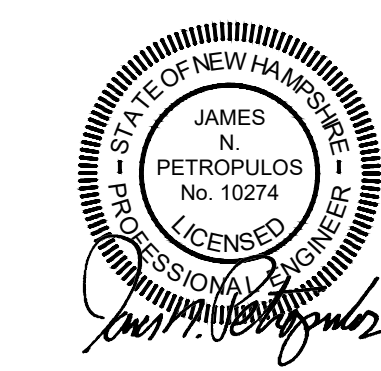
SITE UTILITY & LAYOUT PLAN (MAP 2, LOT 109)
PROPOSED DENTAL OFFICE
 108 PONEMAH ROAD
 AMHERST, NEW HAMPSHIRE

PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
 12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



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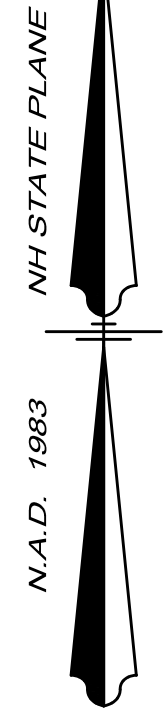
NOTE
 SEE SHEET 9 OF 16 FOR GRADING AND DETAILS AT THE FRONT ENTRANCE AND ACCESSIBLE PARKING AREA

NOTE
THE SITE CONTRACTOR SHALL TAKE MEASURES TO KEEP PONEMAH ROAD FREE OF DUST, DEBRIS AND SEDIMENT DURING CONSTRUCTION.

MAP 1 LOT 20

MAP 2 LOT 110

N



MAP 1 LOT 20-18

MAP 1 LOT 20-19

PONEMAH ROAD

(NH ROUTE 122)

ROAD

-109-

EXIST. 2 1/2-STORY DWELL

EXIST. GARAGE

TEMPORARY SEDIMENT BASIN

INSTALL SILT SOCK PERIMETER CONTROL (TYP)

PROPOSED TREE CLEARING LIMIT (TYP)

BOSTON & MAINE CORP.

TEMPORARY SEDIMENT BASIN

25 FT WETLAND BUFFER

INSTALL DOUBLE ROW OF SILT SOCK PERIMETER CONTROL WHERE WITHIN 50 FT OF SURFACE WATER/WETLAND

LIMIT OF WETLANDS AS FLAGGED BY SEEKAMP ENVIRONMENTAL CONSULTING, INC. AND SURVEYED BY HAYNER-SWANSON, INC. OCTOBER 2023

APPROXIMATE LIMIT OF WETLANDS BY OTHERS PER RECORD PLAN

MAP 2 LOT 109-1

APPROX. EXISTING SEPTIC AREA

APPROX. EXISTING PAVEMENT

18" RCP INV. IN = 235.14

HW 1056 INV. OUF = 233.02

BOX CULVERT 56 INV. = 219.29

BOX CULVERT 3

UGT POST

WIRE FENCE LAYING DOWN

UGT POST

UGT POST

UGT POST

UGT POST

UGT POST

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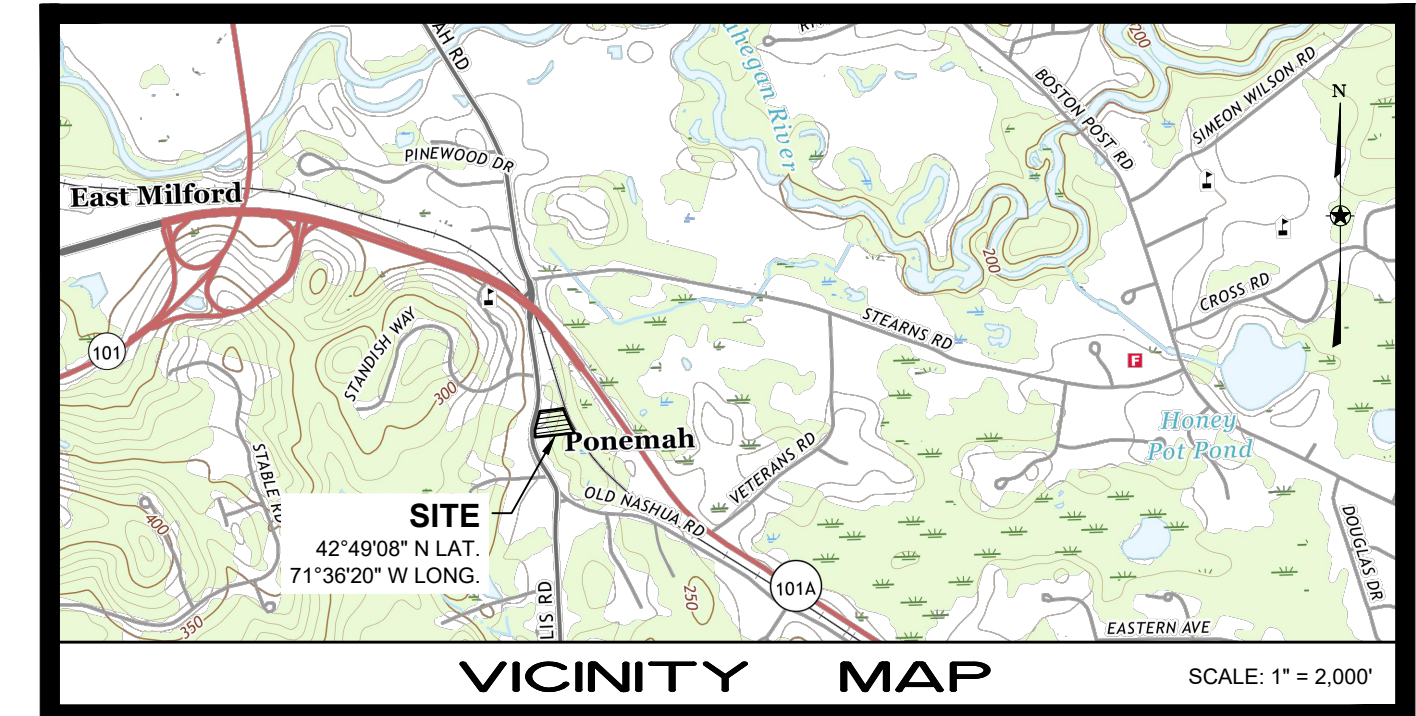
UGT POST

UGT POST

UGT POST

UGT POST

UGT POST



GENERAL NOTES:

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY SITE CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- ALL MEASURES STATED ON THIS EROSION CONTROL PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETE PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT.
- SILT SOCK SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM SILT SOCK WHEN IT REACHED ONE-HALF THE HEIGHT OF THE BARRIER.
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED.
- THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT AND DEBRIS ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXIT AS CONDITIONS DEMAND.

CONSTRUCTION SEQUENCE (PHASE 1):

- CONSTRUCT TEMPORARY CONSTRUCTION EXITS AND INSTALL SILT SOCK PERIMETER BARRIERS AS SHOWN ON THE PLAN.
- PREPARE TEMPORARY STAGING/ STOCKPILE AREAS, AS NEEDED.
- CLEAN & GRUB SITE ACCORDING TO PLAN. CUT AND DISPOSE OF ANY DEBRIS PRODUCED DURING THE CLEARING AND GRUBBING ACTIVITY.
- CONSTRUCT TEMPORARY SEDIMENT BASINS. BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- PERFORM BUILDING AND SITE DEMOLITION.
- PERFORM SITE GRADING OF BUILDING PAD AND PARKING AREAS. ALL SLOPES SHALL BE LOAMED AND SEEDED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. STABILIZATION MATTING SHALL BE INSTALLED AT SLOPES 3:1 OR STEEPER OR AS SHOWN ON THE PLANS.

LEGEND

- EXISTING GROUND CONTOUR
- PROPOSED GRADE
- WETLAND FLAGGING LIMIT
- RUNOFF DIRECTION
- SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SILT-SOCK INLET PROTECTION DEVICES
- GRAVEL CONSTRUCTION EXIT
- STABILIZATION MATTING
- TEMPORARY STONE CHECK DAM
- LIMIT OF WORK

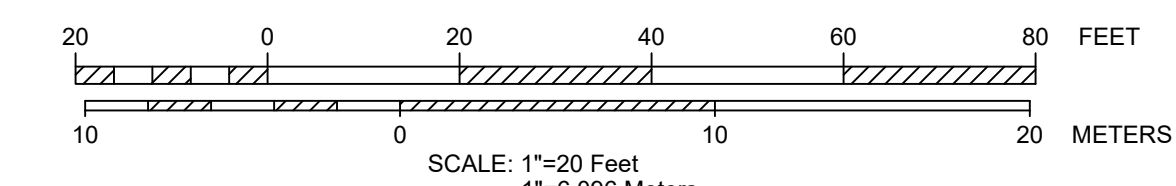
PRELIMINARY DESIGN REVIEW

No.	DATE	REVISION	BY

EROSION CONTROL PLAN - PHASE I (MAP 2, LOT 109)

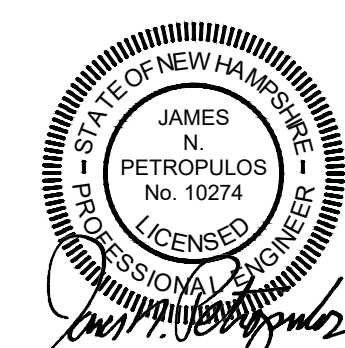
PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



1 APRIL 2024

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Civil Engineers/Land Surveyors
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Nashua, NH 03062
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NOTE
THE SITE CONTRACTOR SHALL TAKE MEASURES TO KEEP PONEMAH ROAD FREE OF DUST, DEBRIS AND SEDIMENT DURING CONSTRUCTION.

MAP 1 LOT 20

MAP 2 LOT 110

N

NH STATE PLANE

N.A.D. 1983

MAP 1 LOT 20-18

MAP 1 LOT 20-19

MAP 2 LOT 109-1

PONEMAH ROAD

(NH ROUTE 122)

BOSTON & MAINE CORP.

-109-

PROPOSED 1-STORY DENTAL OFFICE WITH BASEMENT
FF = 246.00
BSMT = 234.00

INSTALL SILT SACKS AT CATCH BASINS (TYP)

INSTALL DOUBLE ROW OF SILT SOCK PERIMETER CONTROL WHERE WITHIN 50 FT OF SURFACE WATER/WETLAND

LIMIT OF WETLANDS AS FLAGGED BY SEEKAMP ENVIRONMENTAL CONSULTING, INC. AND SURVEYED BY HAYNER/SWANSON, INC. OCTOBER 2023

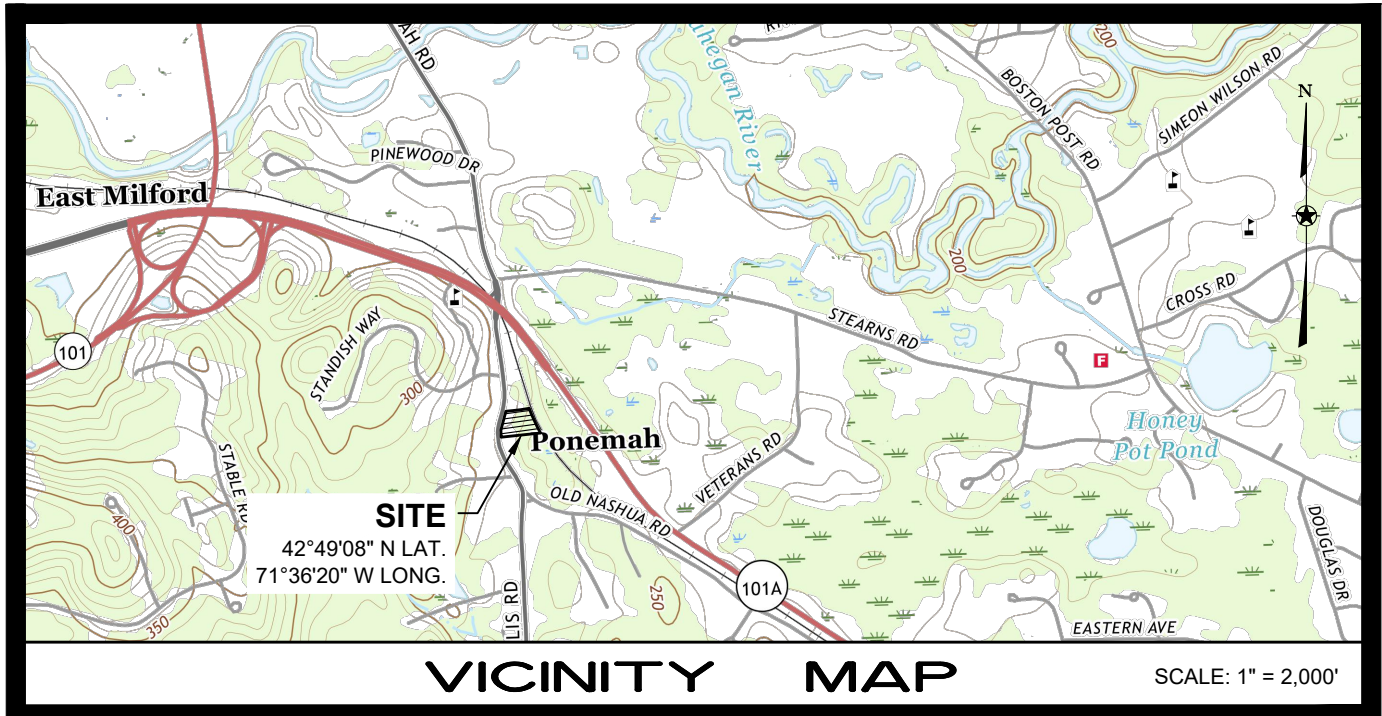
APPROXIMATE LIMIT OF WETLANDS BY OTHERS PER RECORD PLAN

18" RCP INV. IN = 235.14

HW 1056 INV. OUF = 233.02

APPROX. EXISTING SEPTIC AREA

APPROX. EXISTING PAVEMENT



CONSTRUCTION SEQUENCE (PHASE 2)

- INSTALL SITE UTILITIES AND CONSTRUCT STORMWATER MANAGEMENT AREA. INSTALL INLET PROTECTION DEVICES AROUND ALL CATCH BASIN AND YARD DRAIN STRUCTURES. THE CONTROLS SHALL REMAIN UNTIL THE SITE IS SUFFICIENTLY STABILIZED.
- AS THE BUILDING IS COMPLETED, ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- NO PORTION OF THE PROJECT SHALL BE LEFT DISTURBED AND UNSTABILIZED FOR A PERIOD OF GREATER THAN 45 DAYS. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED PRIOR TO WINTER CONDITIONS. STABILIZATION SHALL BE DEFINED AS 85% VEGETATIVE GROWTH BY OCTOBER 15TH OR INSTALLATION OF EROSION CONTROL MATTING.
- ALL DRIVEWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- FINAL PAVING OF DRIVEWAYS AND PARKING LOTS.
- SITE LANDSCAPING ALONG WITH PERMANENT SEEDING OR ALL DISTURBED AREAS.
- REMOVE ANY TEMPORARY EROSION CONTROL MEASURES NOT NEEDED.

LEGEND

- EXISTING GROUND CONTOUR
- PROPOSED GRADE
- WETLAND FLAGGING LIMIT
- RUNOFF DIRECTION
- SILT SOCK
- ORANGE CONSTRUCTION FENCE
- SILT-SACK INLET PROTECTION DEVICES
- GRAVEL CONSTRUCTION EXIT
- STABILIZATION MATTING
- TEMPORARY STONE CHECK DAM
- LIMIT OF WORK

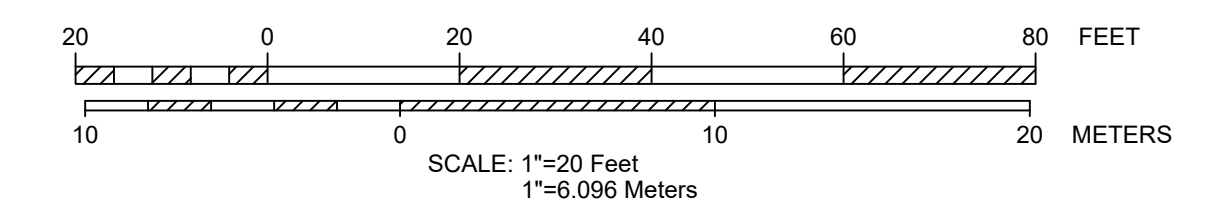
PRELIMINARY DESIGN REVIEW

No.	DATE	REVISION	BY

EROSION CONTROL PLAN - PHASE 2 (MAP 2, LOT 109)

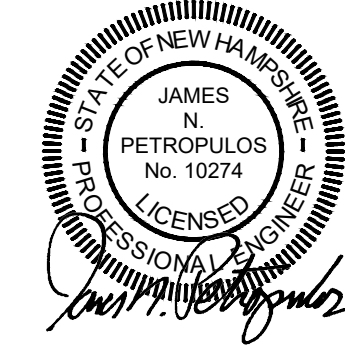
PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

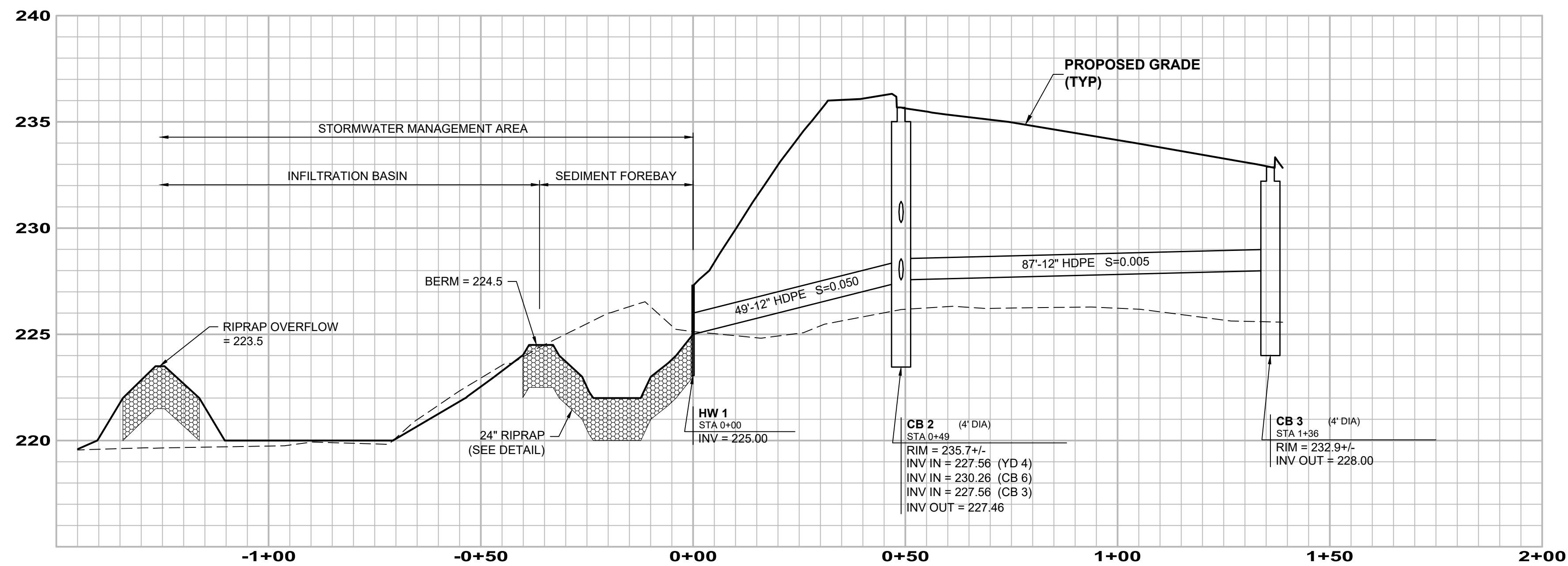
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



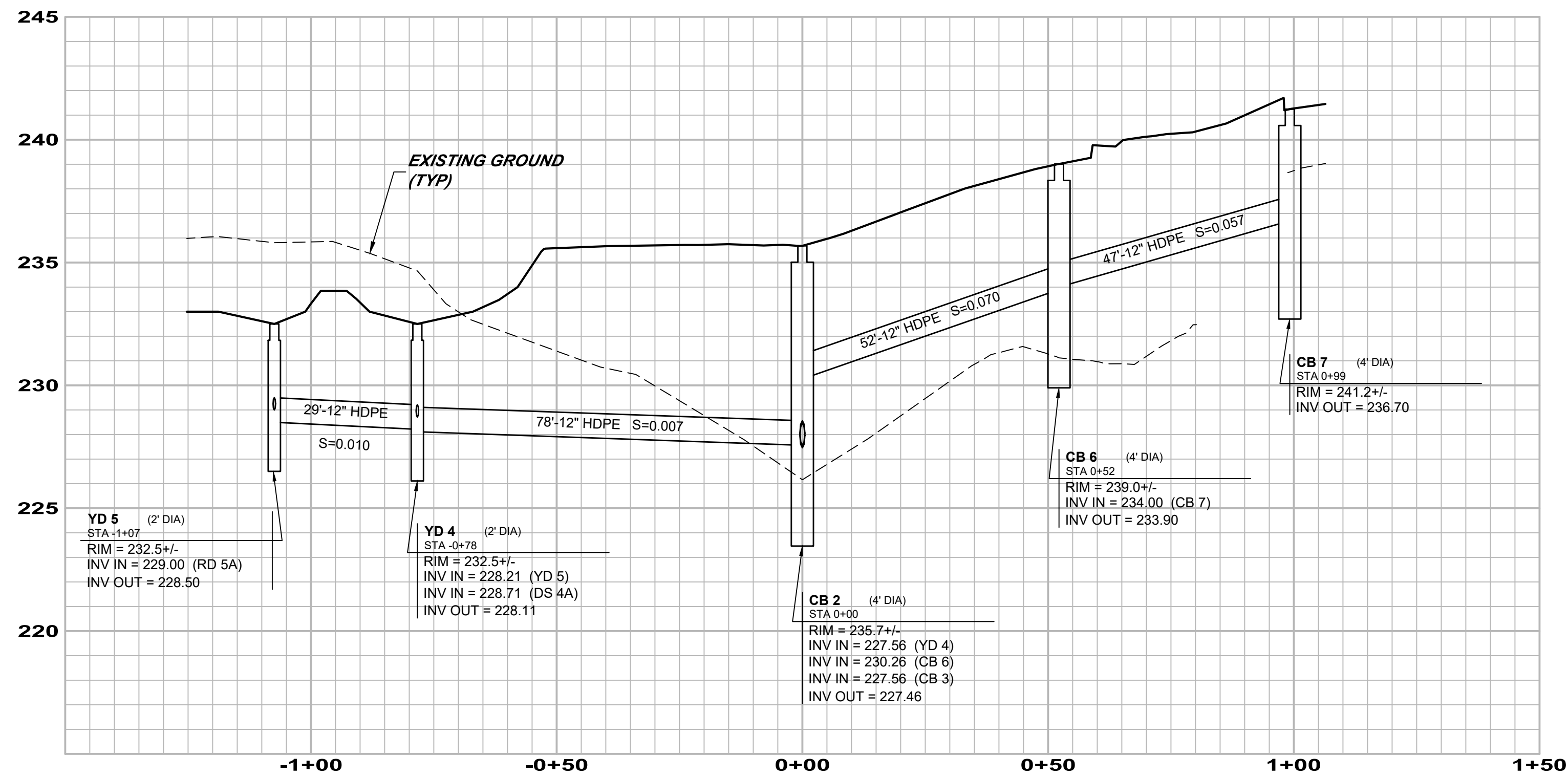
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STORMWATER MANAGEMENT AREA TO HW 1 TO CB 3



YD 5 TO CB 2 TO CB 7

- NOTES**
1. STRUCTURE DIAMETERS AS SHOWN ON DRAINAGE PROFILES ARE CONSIDERED TO BE MINIMUM INSIDE DIMENSIONS. ALL STRUCTURES SHALL BE A MINIMUM INSIDE DIAMETER OF 48" UNLESS OTHERWISE INDICATED. LARGER STRUCTURES MAY BE NECESSARY DUE TO ALIGNMENT AND/OR PIPE SIZES. STRUCTURE MANUFACTURER SHALL DETERMINE FINAL SIZE.
 2. PIPE LENGTHS ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.
 3. EXTERIOR FOUNDATION WALLS AND FOOTINGS AS SHOWN ARE APPROXIMATE.
 4. SEE PLUMBING PLANS FOR A DETAIL OF THE ROOF DRAIN PIPE/STORM DRAIN DROP CONNECTION.

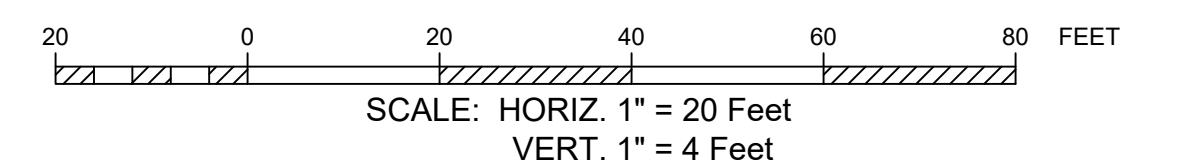
PRELIMINARY
DESIGN REVIEW

No.	DATE	REVISION	BY

UTILITY PROFILES
(MAP 2, LOT 109)

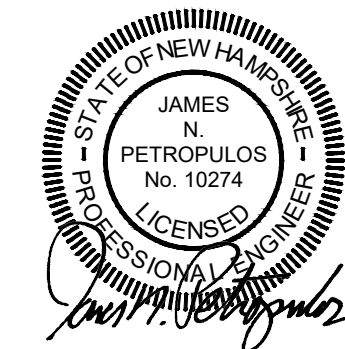
PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

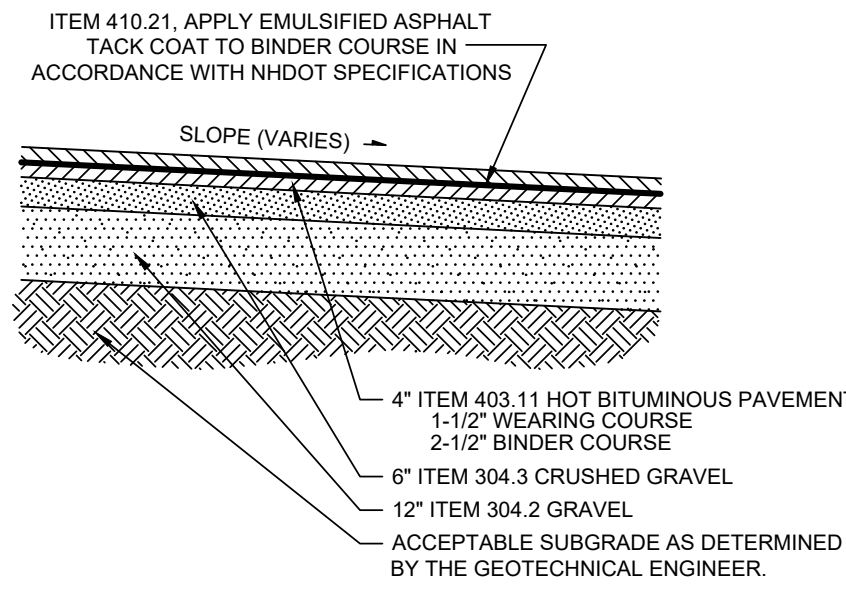
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



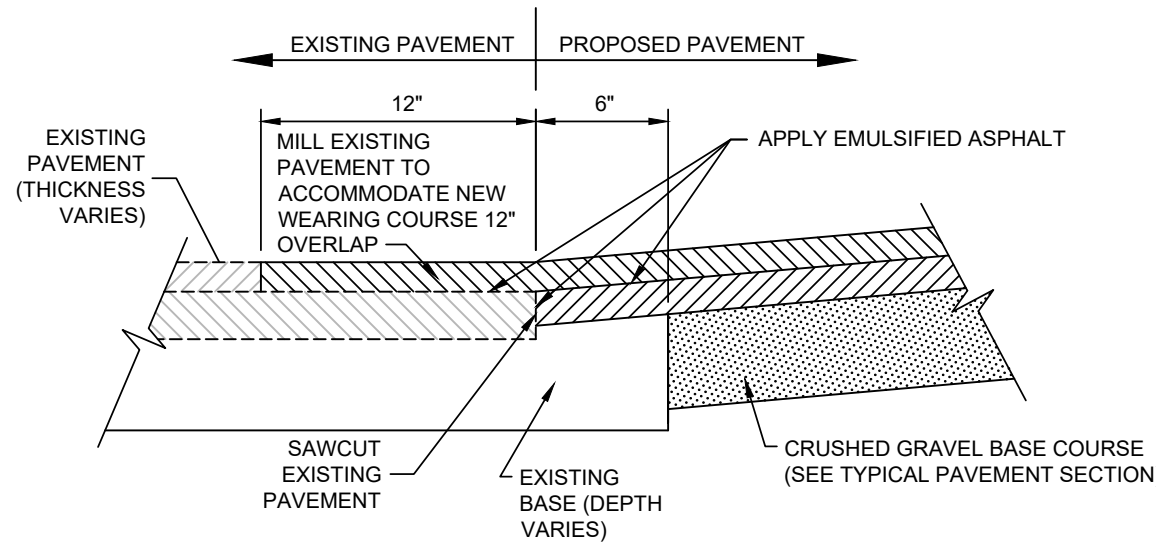
1 APRIL 2024

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(603) 883-2057
www.haynerswanson.com
131 Middlesex Turnpike
Burlington, MA 01803
(781) 203-1501

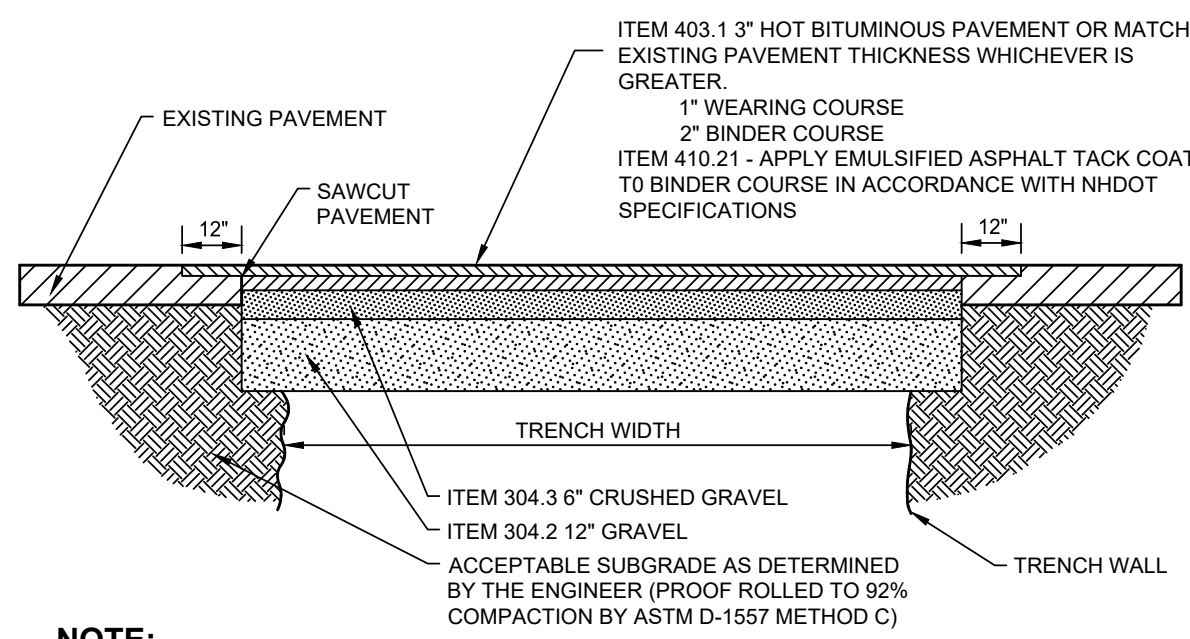




TYPICAL PAVEMENT SECTION
NOT TO SCALE

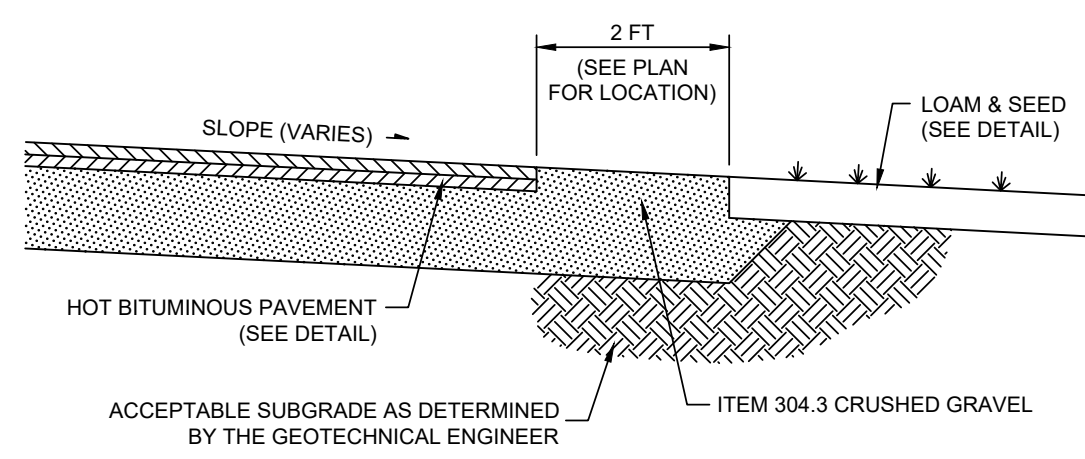


SAWCUT PAVEMENT DETAIL
NOT TO SCALE

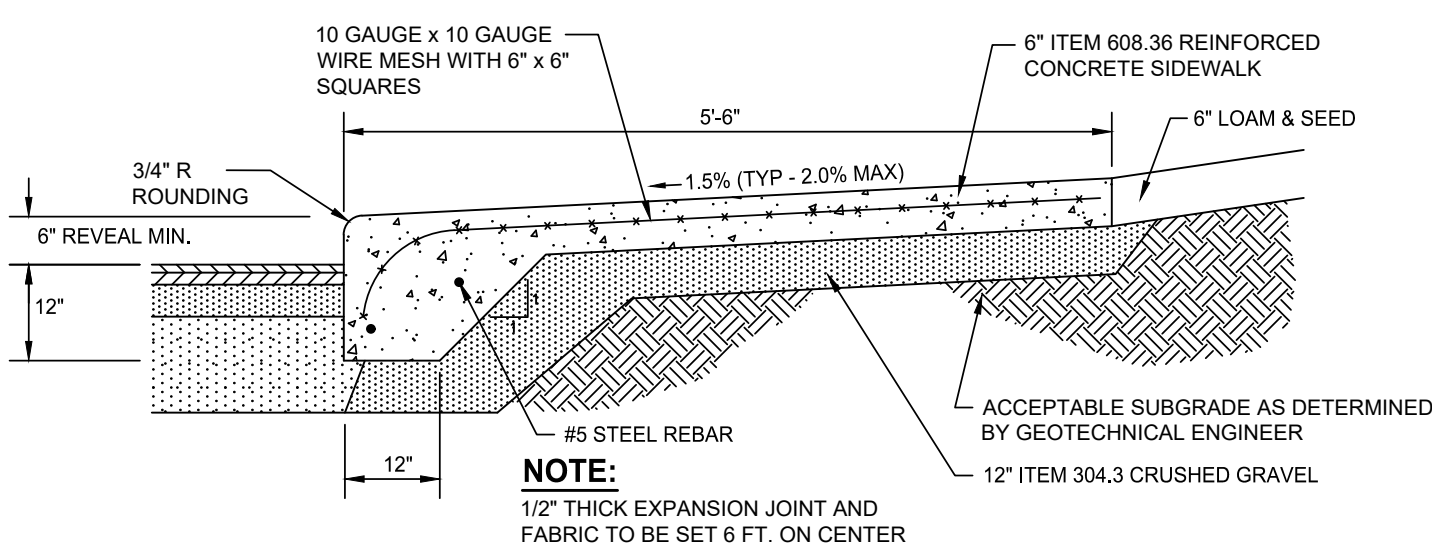


NOTE:
THE BINDER COURSE SHALL BE PLACED IMMEDIATELY AFTER THE TRENCH CONSTRUCTION, AND ALLOWED TO STAND FOR A MINIMUM OF 90 DAYS. A LEVELING COURSE SHALL BE APPLIED OVER THE TRENCH AFTER 90 DAYS AND THE AREA OVERLAYED TO THE LIMITS SHOWN ON THE PLANS.

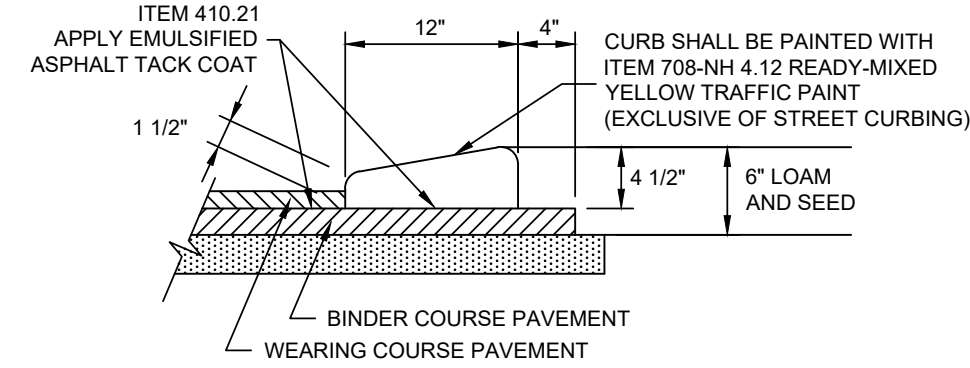
TRENCH PATCH DETAIL
NOT TO SCALE



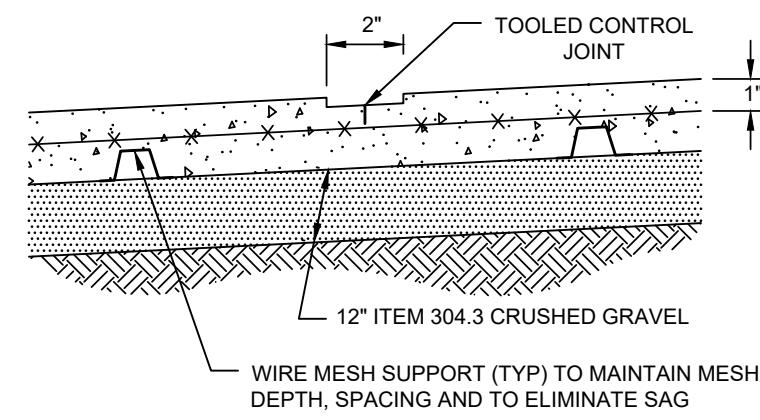
GRAVEL SHOULDER DETAIL
NOT TO SCALE



MONOLITHIC CONCRETE SIDEWALK AND CURB DETAIL
NOT TO SCALE

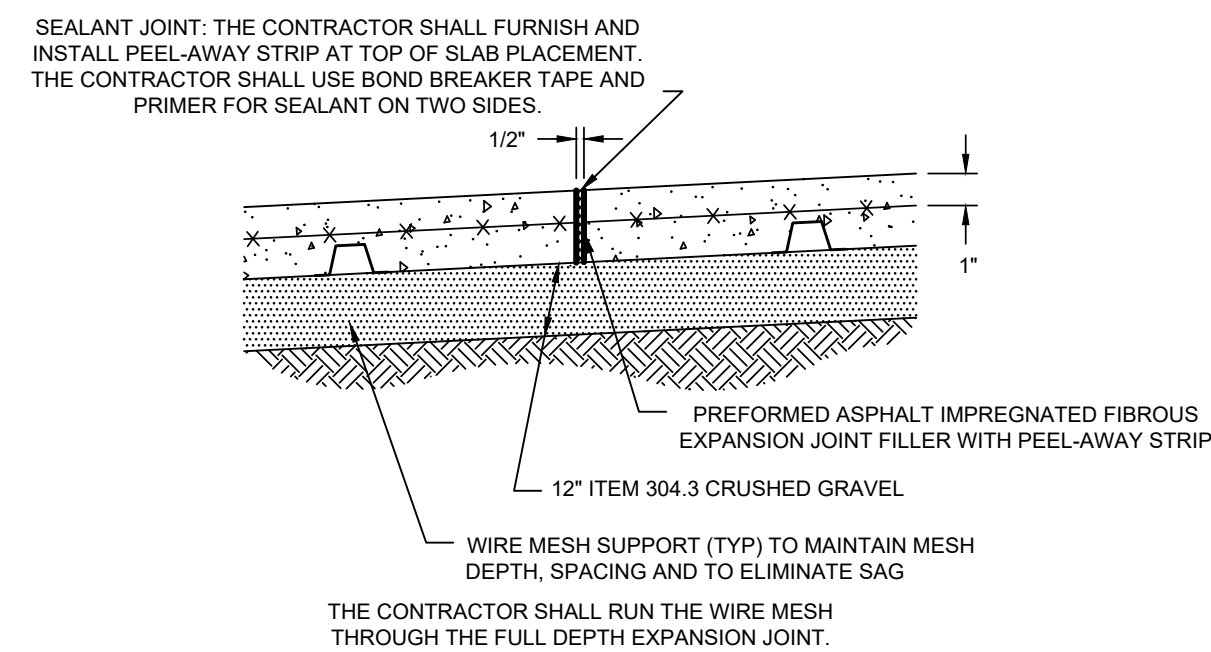


CAPE COD BERM DETAIL
NOT TO SCALE

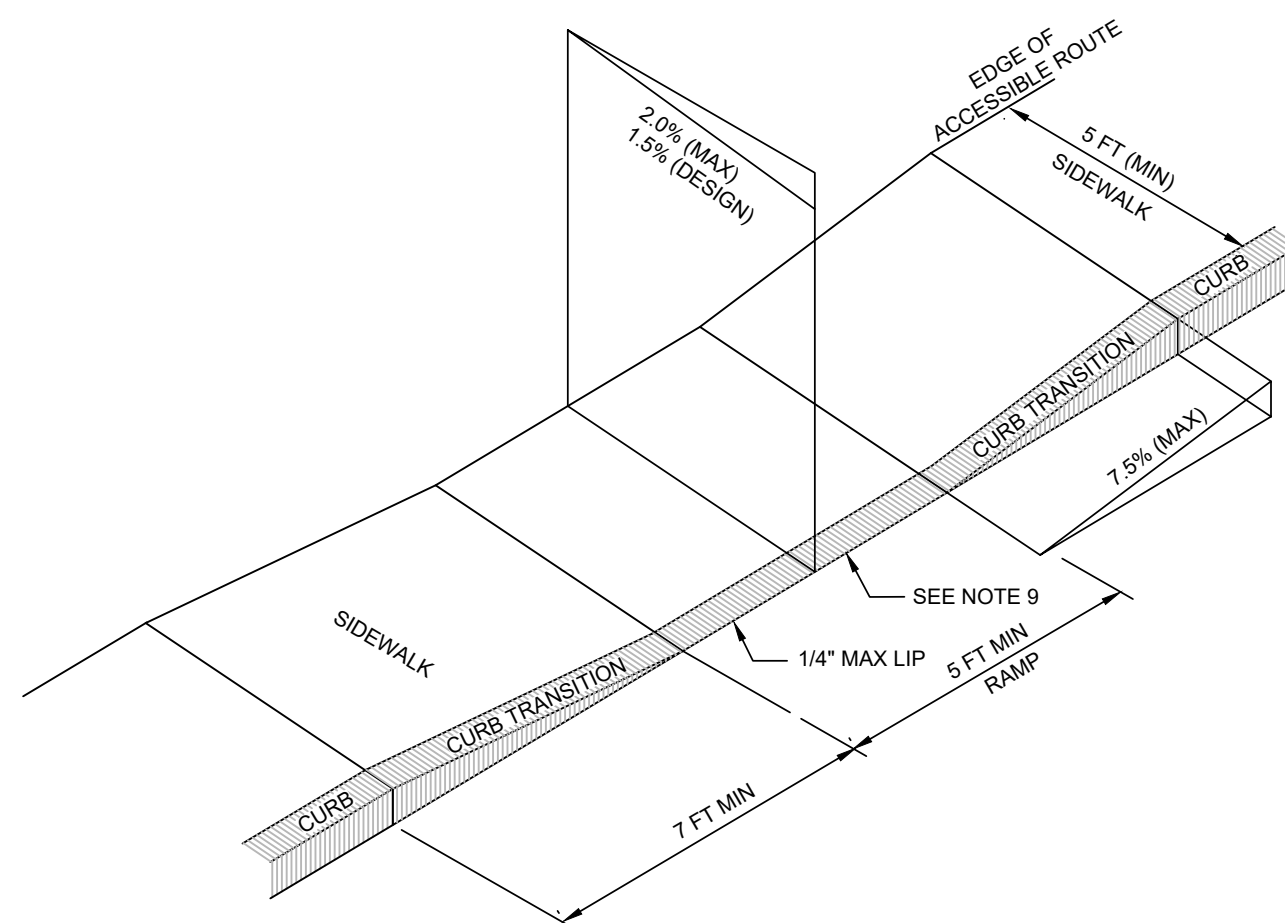


THE CONTRACTOR SHALL PROVIDE TOOLED CONTROL JOINTS @ 5'-0" O/C PROVIDE FULL DEPTH EXPANSION JOINT @ 20'-0" O/C AND AT ALL SIDEWALK INTERSECTIONS, TJs, L's AND CORNERS. DO NOT USE PRE-FORMED KEY COLD JOINTS. JOINTS SHALL ALSO LINE UP WITH BOTH SIDES OF T SLAB INTERSECTIONS.

CONCRETE SIDEWALK CONTROL JOINT DETAIL
NOT TO SCALE

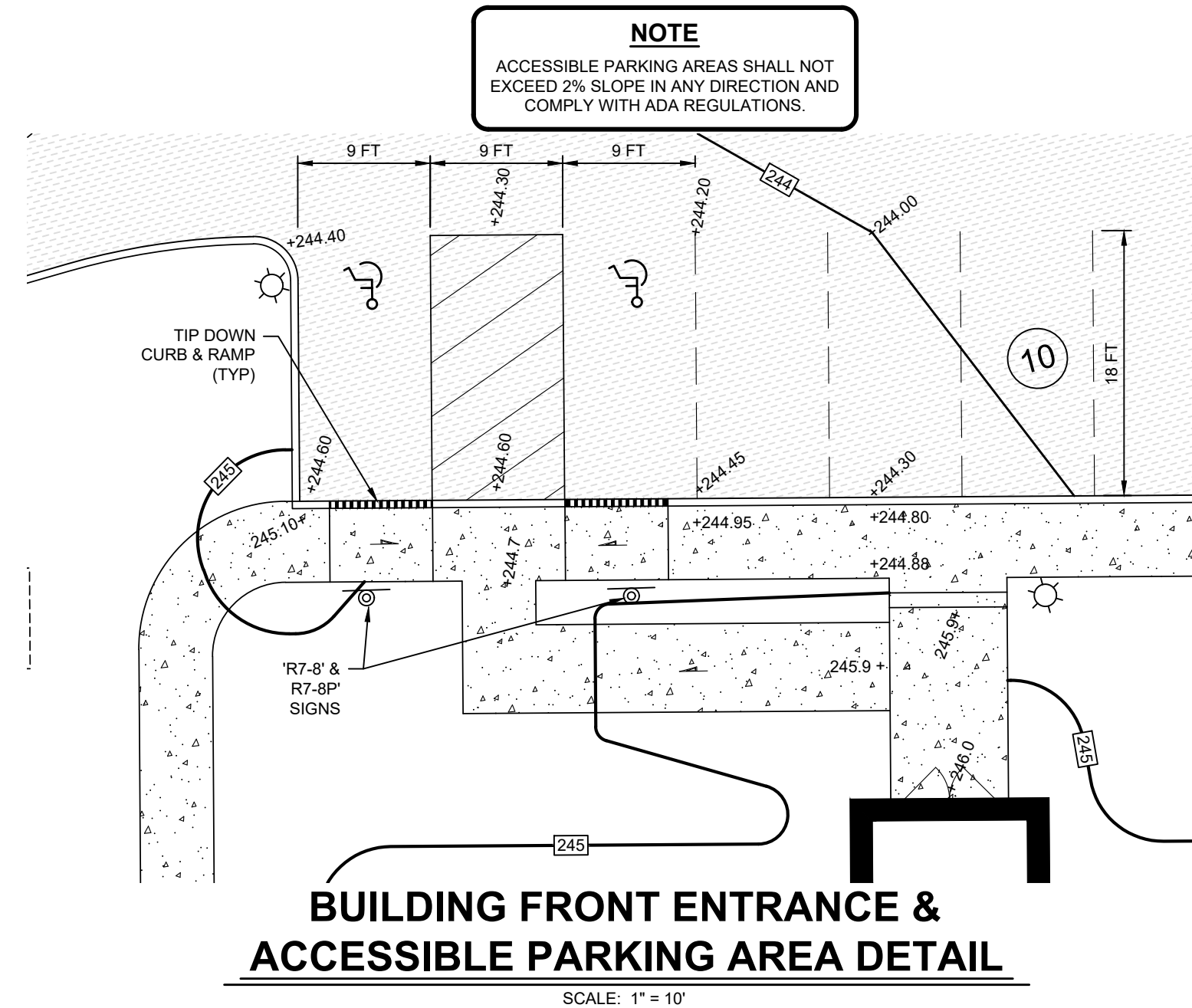


CONCRETE SIDEWALK EXPANSION JOINT DETAIL
NOT TO SCALE

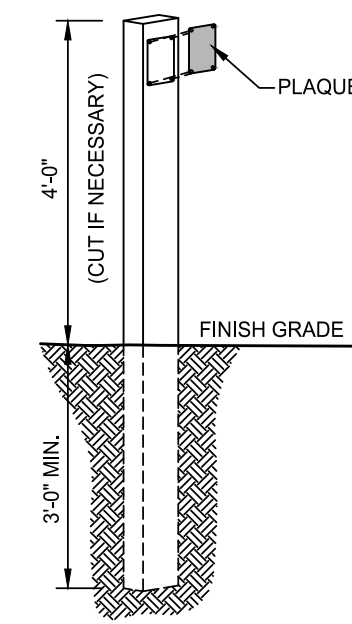


- NOTES:**
1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 2.0% (1.5% DESIGN).
 2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
 3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE CURB RAMPS SHALL BE 7.5%.
 4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.)
 5. CURB TREATMENT VARIES. SEE PLANS FOR CURB TYPE.
 6. BASE OF RAMP SHALL BE GRADED TO PREVENT PONDING.
 7. SEE TYPICAL SIDEWALK SECTION FOR RAMP CONSTRUCTION.
 8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5 FT IN WIDTH (EXCLUDING CURB) A 5 FT x 5 FT PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
 9. ELIMINATE ALL CURBING AT RAMP (OTHER THAN VERTICAL CURBING, WHICH SHALL BE SET FLUSH) WHERE IT ABUTS PAVEMENT.

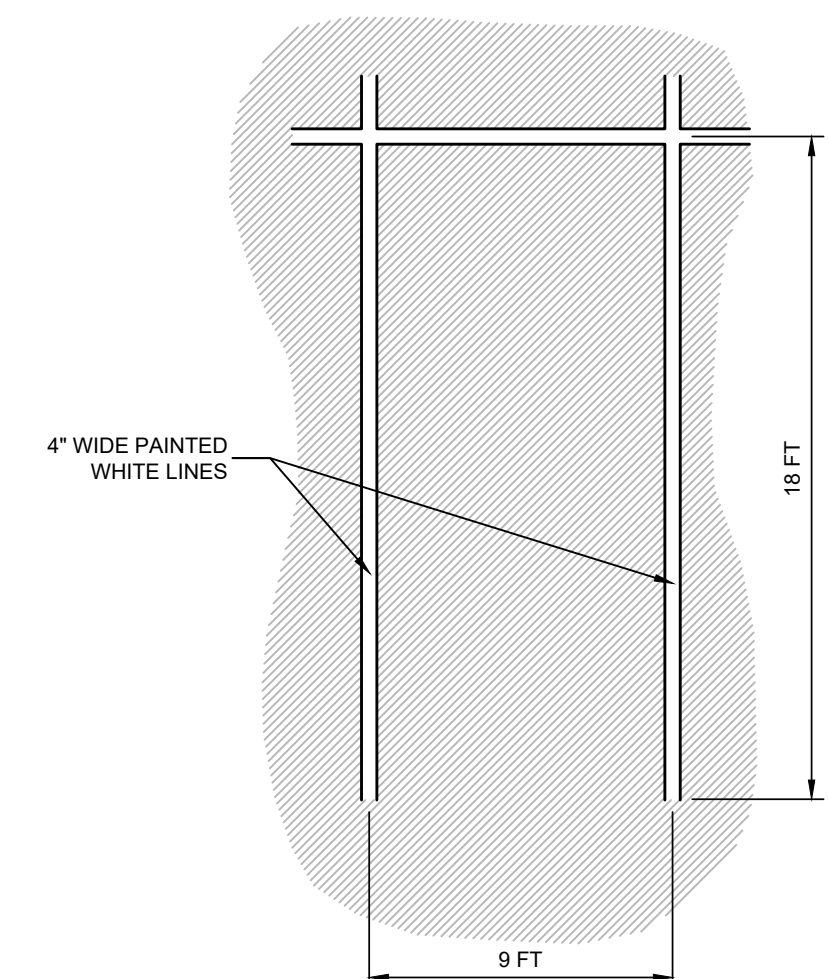
HANDICAP ACCESSIBLE CURB RAMP DETAIL
NOT TO SCALE



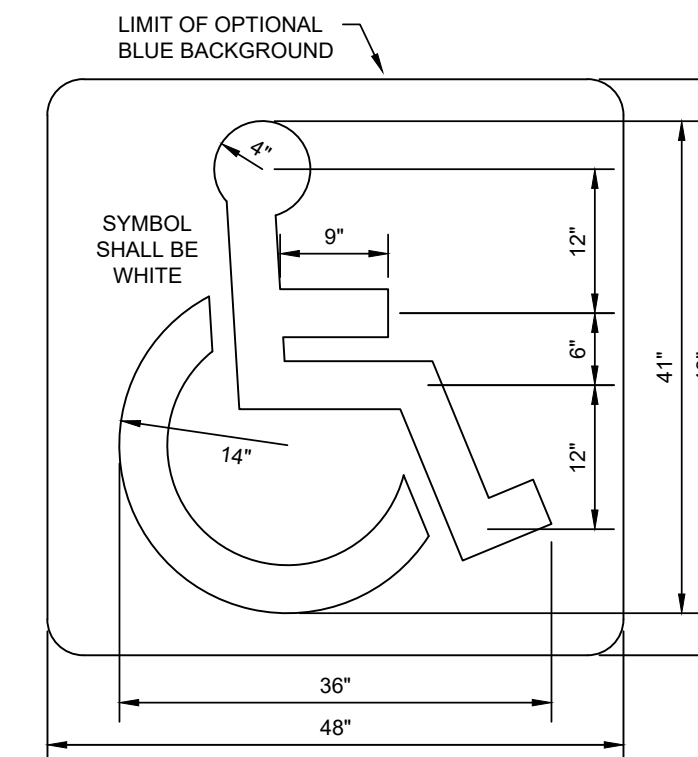
BUILDING FRONT ENTRANCE & ACCESSIBLE PARKING AREA DETAIL
SCALE: 1" = 10'



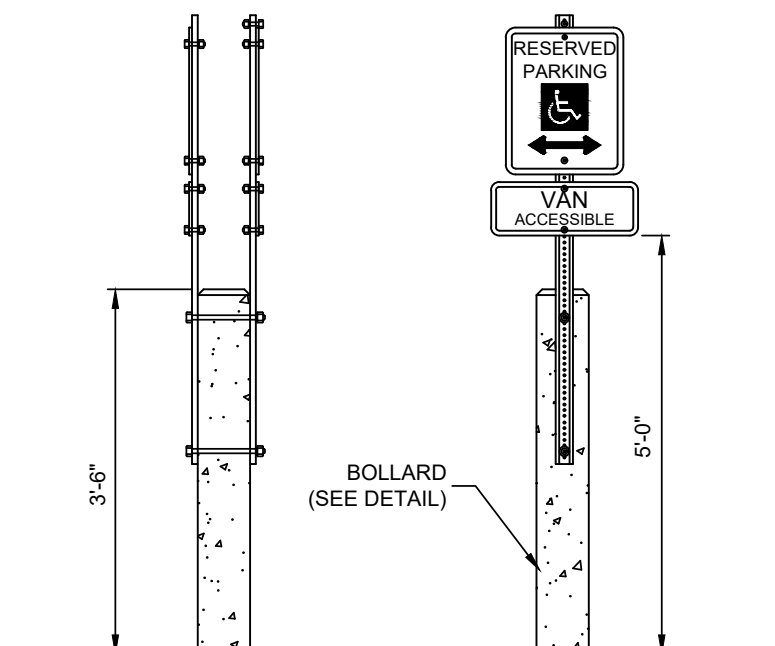
BUFFER AREA POST & PLAQUE DETAIL
NOT TO SCALE



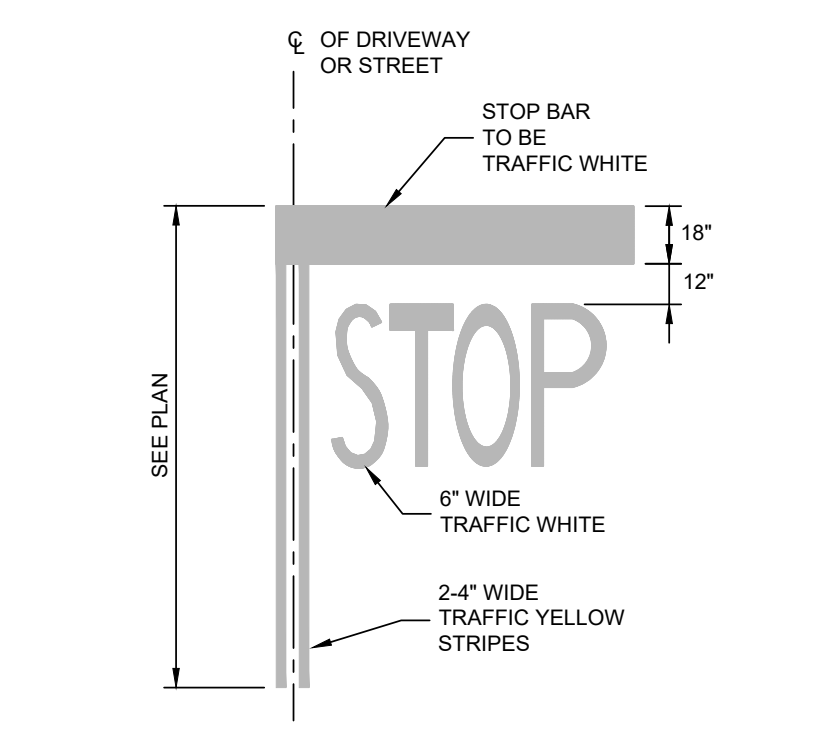
TYP. PARKING STALL DETAIL
NOT TO SCALE



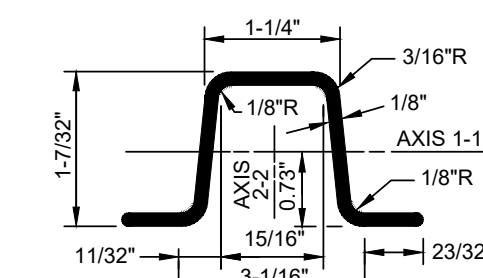
ACCESSIBLE PARKING SPACE PAVEMENT MARKING
NOT TO SCALE



VAN ACCESSIBLE PARKING SIGN DETAIL
NOT TO SCALE

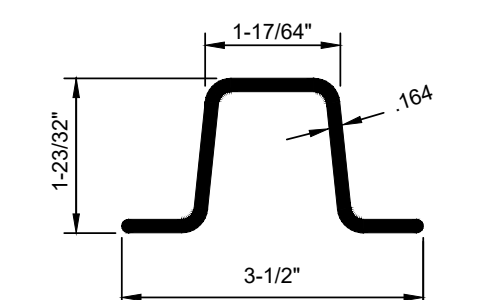


STOP BAR DETAIL
NOT TO SCALE



SECTION P2-10, P2-11

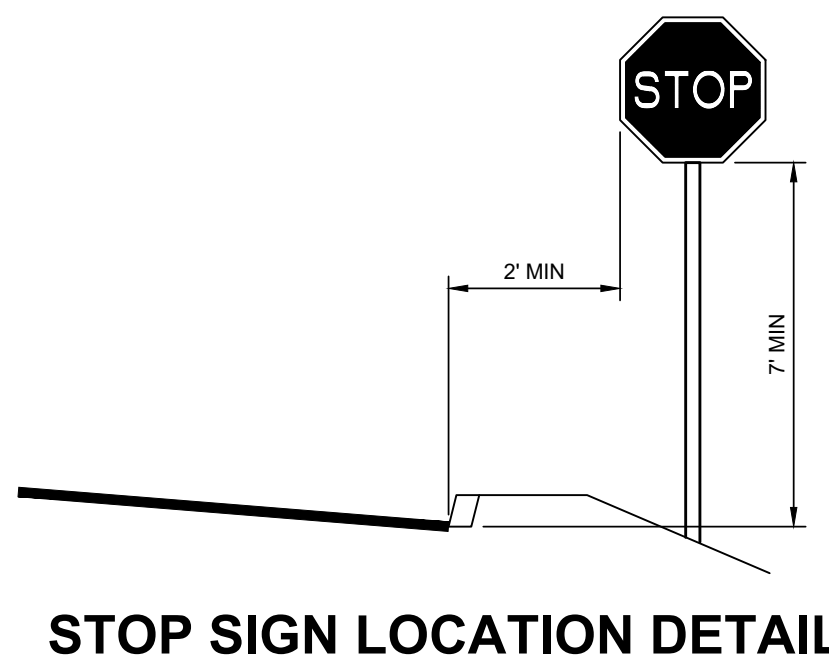
- LENGTH: P2-10, 10'-0", P2-11, 11'-0"
WEIGHT PER LINEAR FOOT: 3.00 LBS
HOLES: 3/8" DIA. 1" C-C FULL LENGTH
STEEL: SHALL CONFORM TO ASTM A-499 (GRADE 60) OR ASTM A-5761 (GRADE 1070-1080).
FINISH: SHALL BE PAINTED WITH TWO COATS OF BAKED ON OR AIR DRIED, PAINT OF WEATHER RESISTANT QUALITY. ALL FABRICATION SHALL BE COMPLETE BEFORE PAINTING. PAINT SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.



SECTION P-11 THRU P-16

- LENGTH: P-11, 11'-0", P-12, 12'-0", P-14, 14'-0", P-16, 16'-0"
WEIGHT PER LINEAR FOOT: 3.00 LBS
STEEL: SAME AS FOR P2-10, P2-11
FINISH: SAME AS FOR P2-10, P2-11

TRAFFIC SIGN SUPPORT DETAIL
NOT TO SCALE



STOP SIGN LOCATION DETAIL
NOT TO SCALE

PRELIMINARY DESIGN REVIEW			
No.	DATE	REVISION	BY

DETAIL SHEET - GENERAL SITE
(MAP 2, LOT 109)

PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

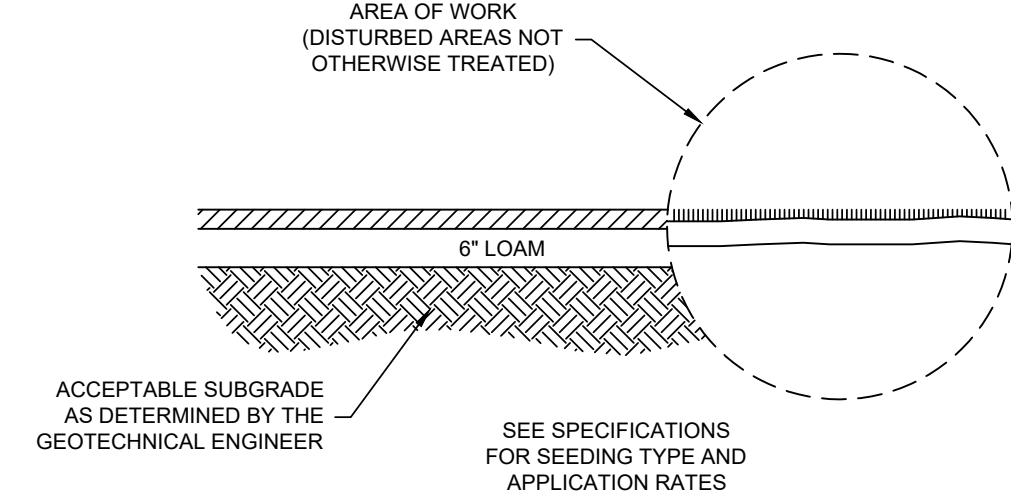
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062

SCALE AS SHOWN

1 APRIL 2024

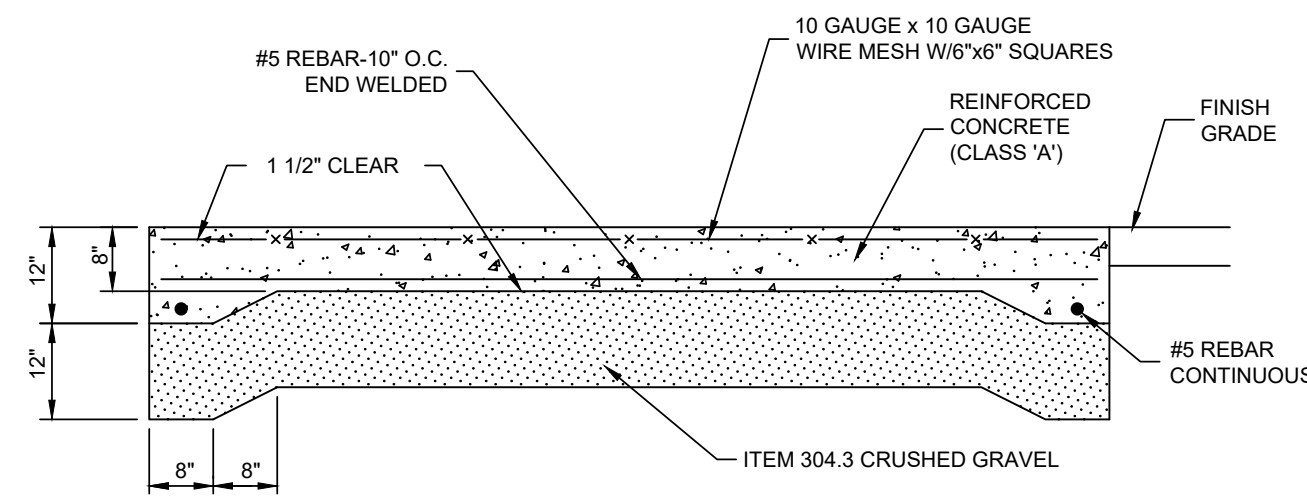
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FIELD BOOK: 1276 | DRAWING NAME: 5934-SITE-DET1 | 5934-SITE | 9 OF 16
DRAWING LOC.: \S000\5934\DWG\5934 SITE | File Number | Sheet



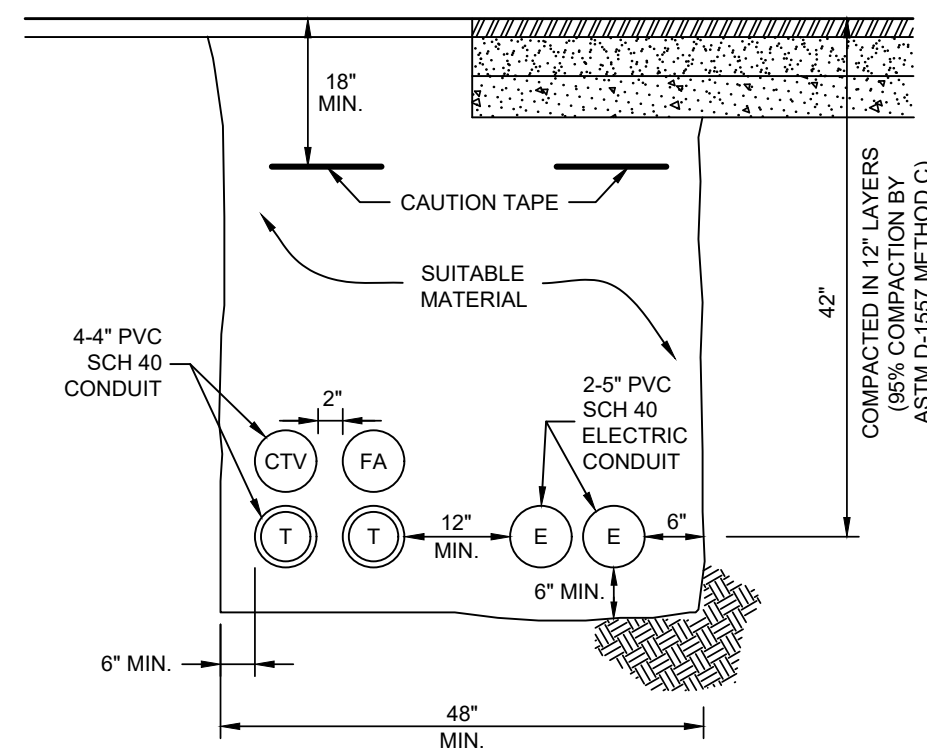
LOAM AND SEED DETAIL

NOT TO SCALE



DUMPSTER PAD DETAIL

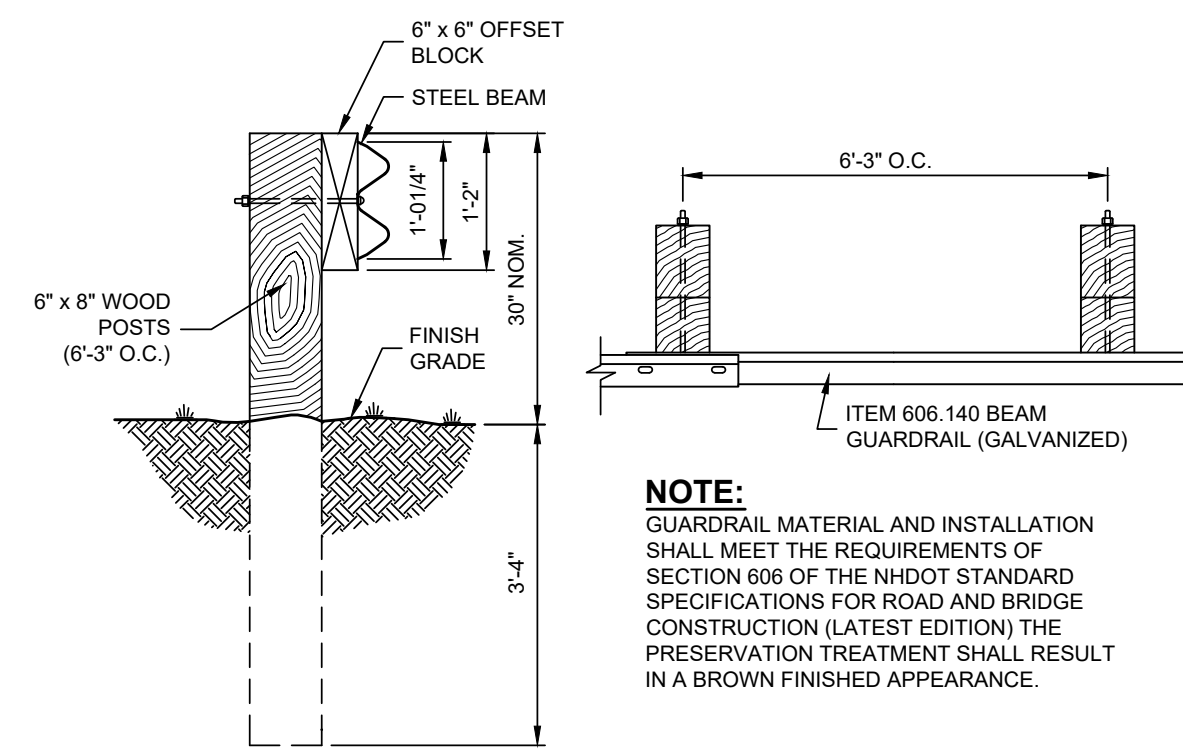
NOT TO SCALE



NOTE:
ALL CONDUIT AND TRENCH WORK SHALL CONFORM TO THEIR RESPECTIVE UTILITY COMPANY REQUIREMENTS

TYPICAL UTILITY TRENCH

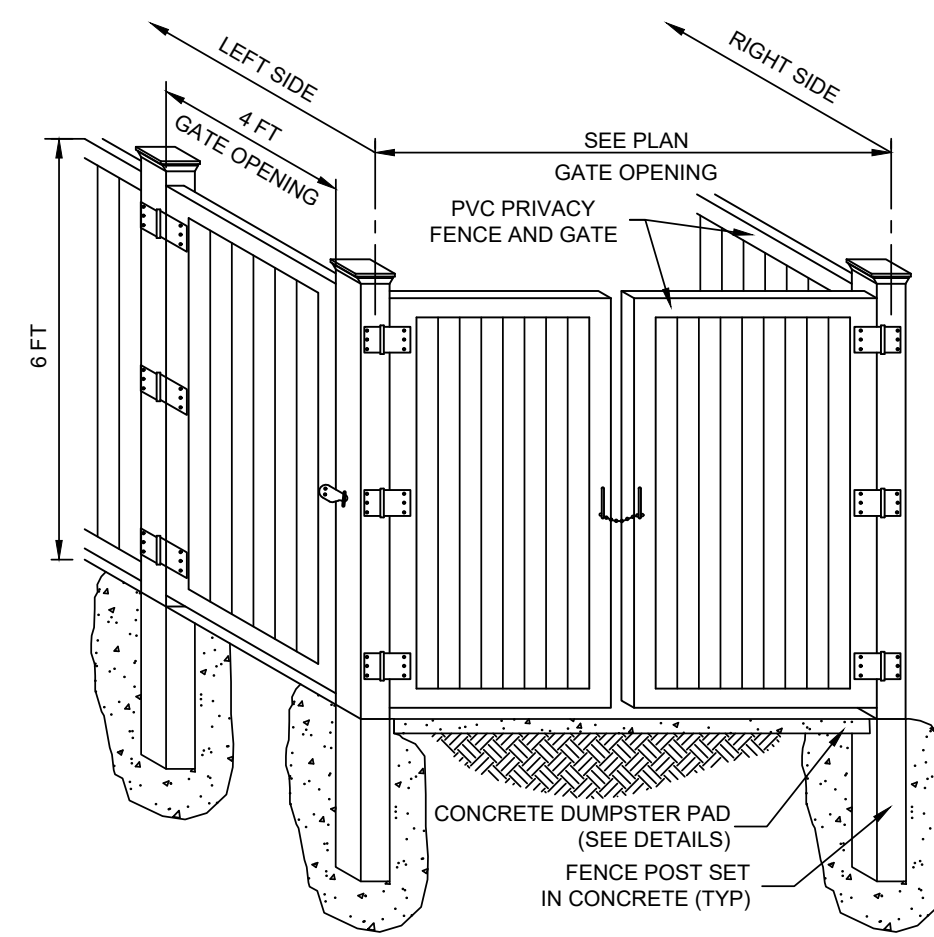
NOT TO SCALE



NOTE:
GUARDRAIL MATERIAL AND INSTALLATION SHALL MEET THE REQUIREMENTS OF SECTION 606 OF THE NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) THE PRESERVATION TREATMENT SHALL RESULT IN A BROWN FINISHED APPEARANCE.

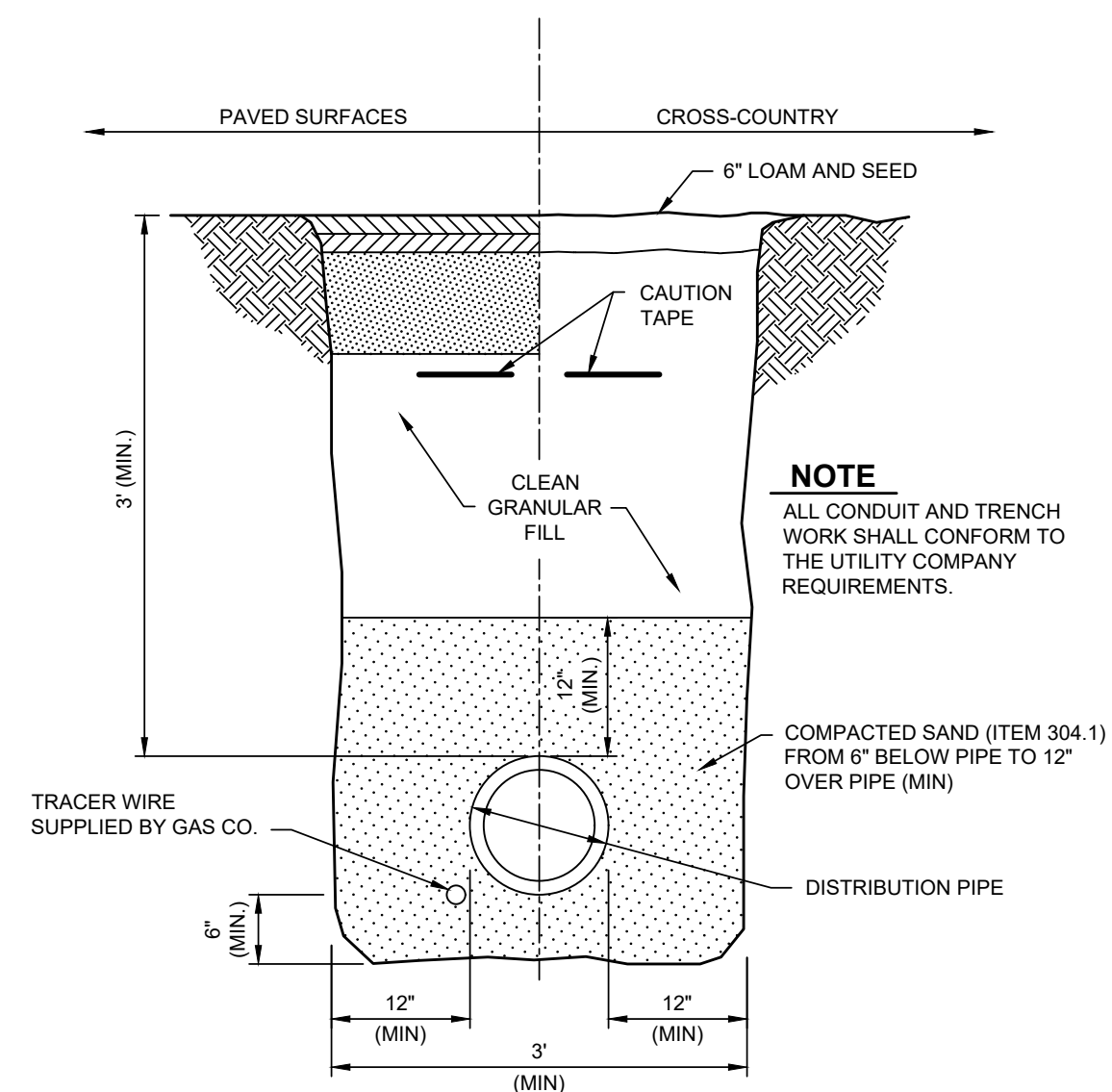
WOOD POST/BEAM TYPE GUARDRAIL DETAIL

NOT TO SCALE



SCREEN FENCE AND GATE FOR DUMPSTER PAD DETAIL

NOT TO SCALE



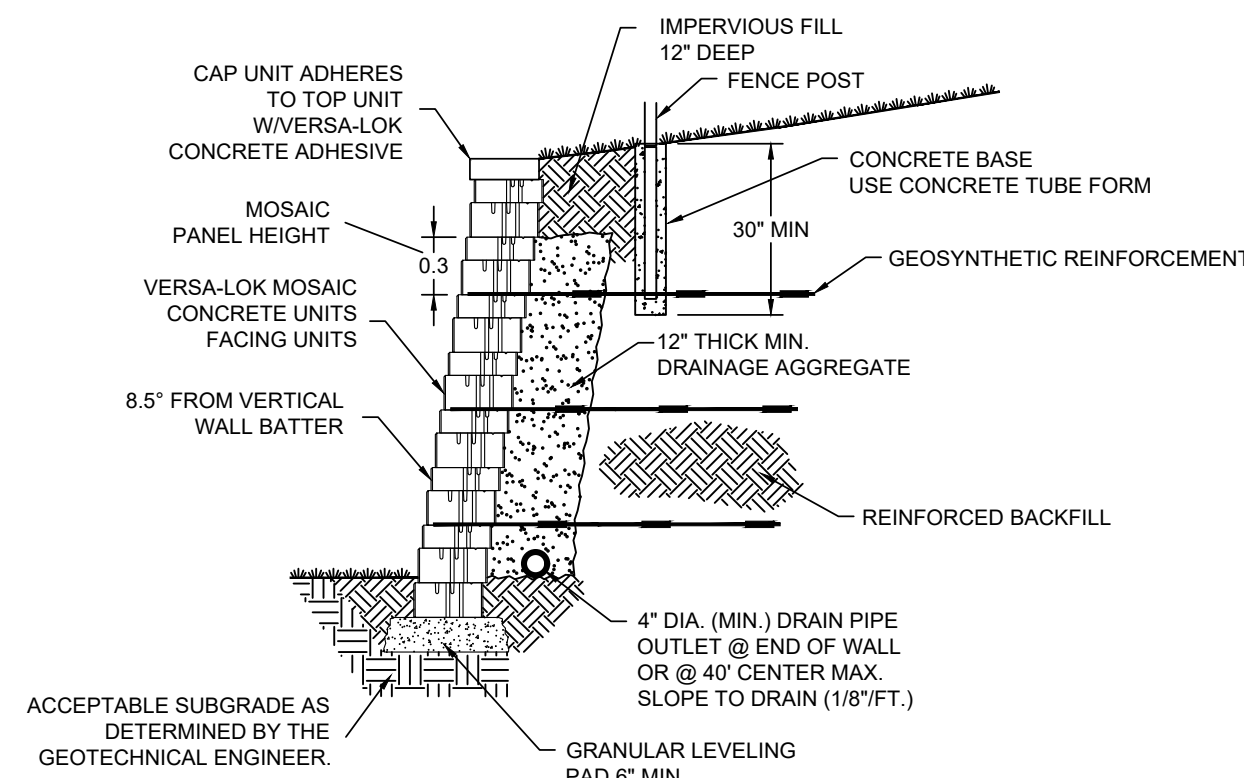
NOTE:
ALL CONDUIT AND TRENCH WORK SHALL CONFORM TO THE UTILITY COMPANY REQUIREMENTS.

GAS MAIN TRENCH SECTION

NOT TO SCALE

RETAINING WALL NOTES

- DIMENSIONS AS SHOWN ARE APPROXIMATE.
- THE CONTRACTOR SHALL DESIGN/BUILD THE RETAINING WALLS TO THE APPROXIMATE LIMITS AS SHOWN ON THE PLANS.
- FINAL SHOP DRAWINGS OF THE RETAINING WALLS, INCLUDING GUARDRAIL, FENCING AND BACKFILL REQUIREMENTS, SHALL BE PREPARED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF NEW HAMPSHIRE.
- FINAL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- ONCE APPROVED BY THE ENGINEER, FINAL STAMPED DESIGN PLANS SHALL BE SUBMITTED TO THE TOWN OF AMHERST FOR THEIR RECORDS.



TYPICAL SECTION - RETAINING WALL

NOT TO SCALE

PRELIMINARY DESIGN REVIEW

NO.	DATE	REVISION	BY

DETAIL SHEET - GENERAL SITE (MAP 2, LOT 109)

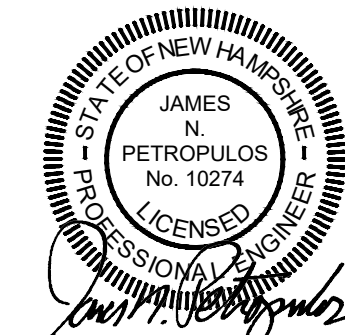
PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

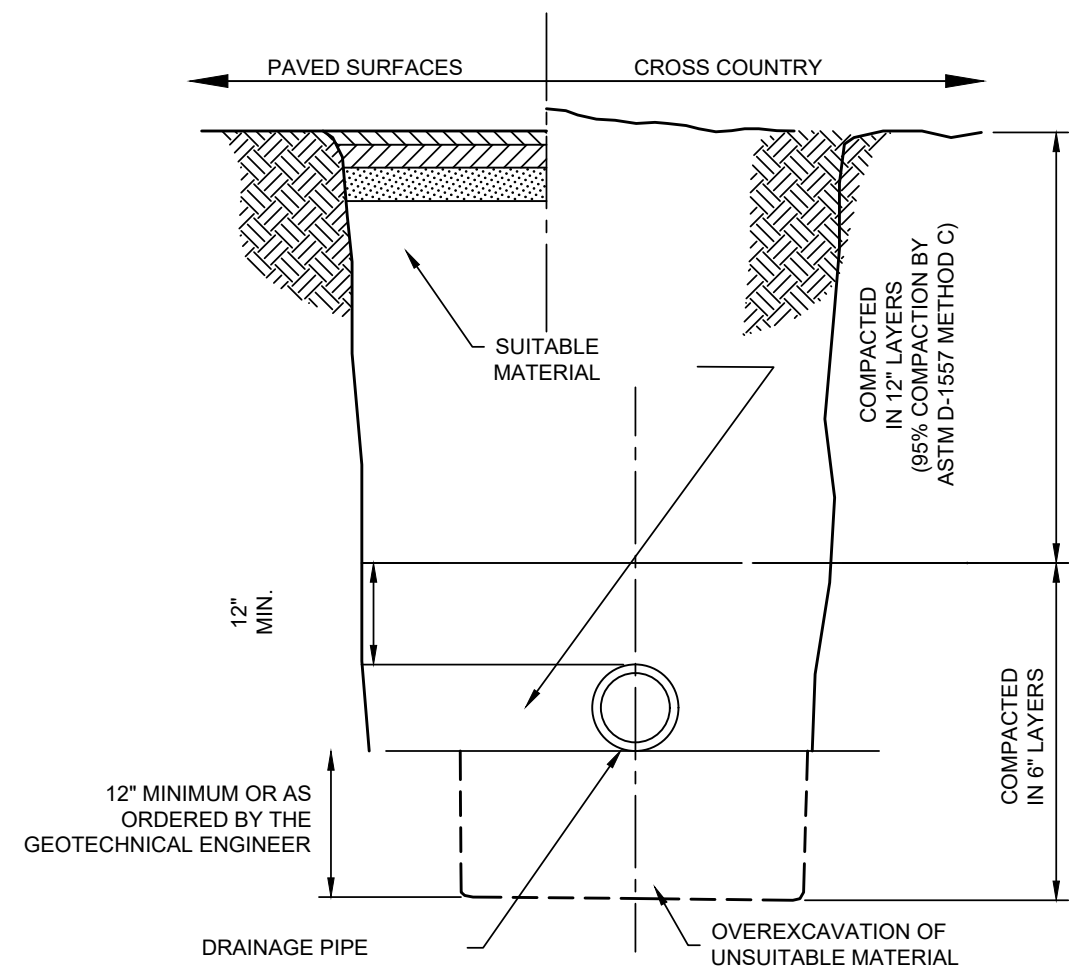
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062

SCALE AS SHOWN

1 APRIL 2024

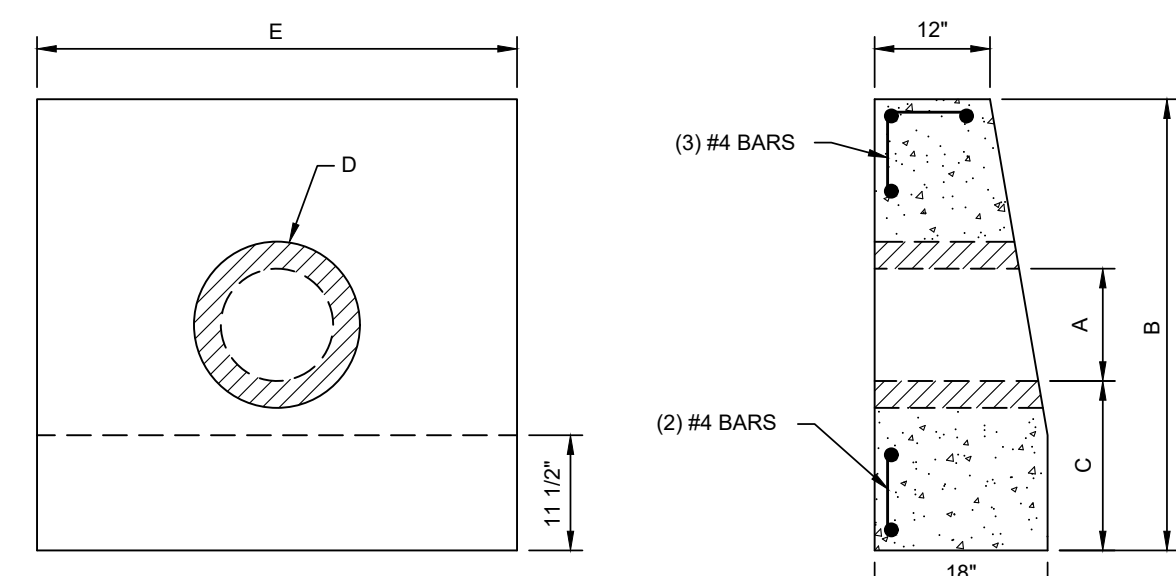
HSI Hayner/Swanson, Inc.
Civil Engineers/Land Surveyors
3 Congress Street 131 Middlesex Turnpike
Nashua, NH 03062 Burlington, MA 01803
(603) 883-2057 (781) 203-1501
www.haynerswanson.com





TYPICAL DRAINAGE TRENCH SECTION
NOT TO SCALE

DIA. A	B	C	DIA. D	E	WEIGHT PER SECTION
12"	4'-0"	18"	18"	4'-3"	3,000 LBS
15"	4'-3"	18"	22"	6'-0"	4,500 LBS
18"	4'-6"	18"	26"	7'-0"	5,530 LBS
24"	4'-6"	15"	34"	7'-0"	5,035 LBS

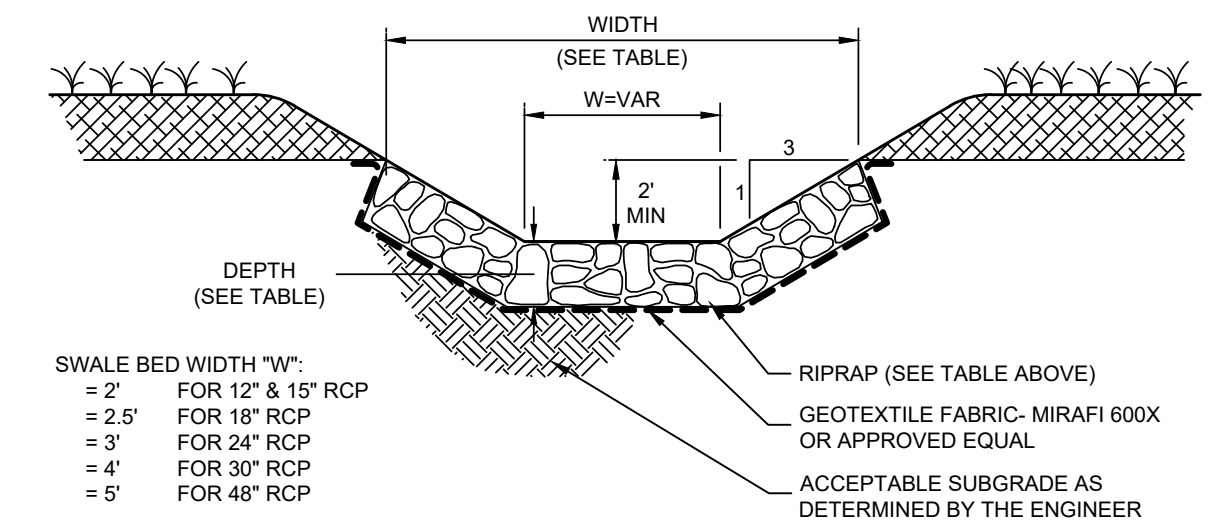


GENERAL NOTES:
 1. STEEL REINFORCEMENT CONFORMS TO LATEST ASTM SPECIFICATIONS: ASTM-A615 GRADE 60 REBAR.
 2. CONCRETE: Fc = 4,000 PSI @ 28 DAYS MINIMUM.
 3. EST WEIGHT: 3,000 LBS.

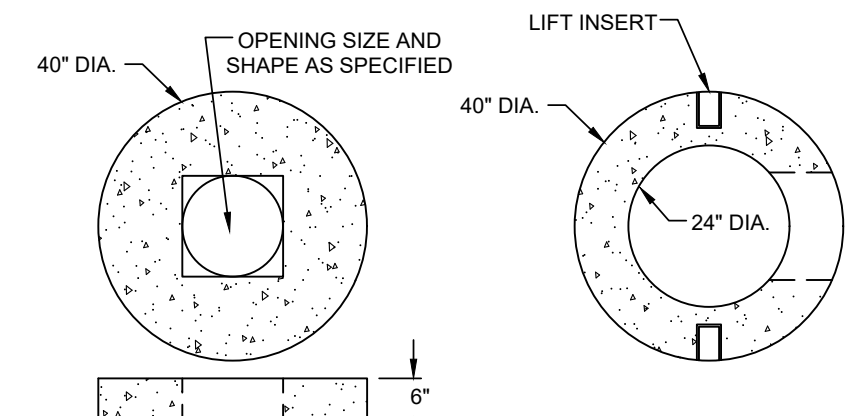
PRECAST HEADWALL DETAIL
NOT TO SCALE

RIPRAP OUTLET PROTECTION SPECIFICATION TABLE

LOCATION	WIDTH (FT)	LENGTH (FT)	DEPTH (IN)	d 50 (IN)	MATERIAL
HW 1	9	15	24	6	ITEM 583.1 RIPRAP (CLASS 1)
SMA OVERFLOW	20	18	24	6	ITEM 583.1 RIPRAP (CLASS 1)

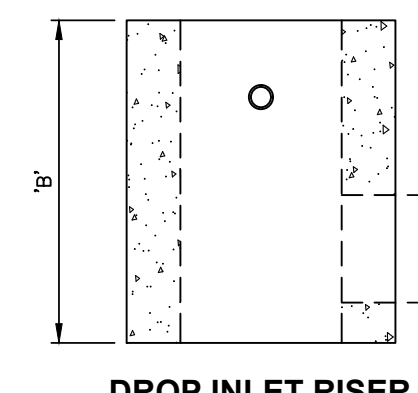


RIPRAP AT HEADWALL / OUTLET DETAIL
NOT TO SCALE

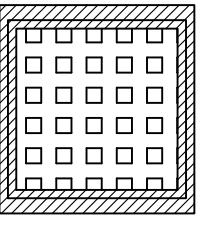


AVAILABLE TOP SLABS

DIM 'B'	EST. WEIGHT
12"	825 LBS
18"	1,235 LBS
24"	1,645 LBS
30"	2,055 LBS
36"	2,470 LBS
42"	2,880 LBS
48"	3,290 LBS
54"	3,700 LBS
60"	4,115 LBS

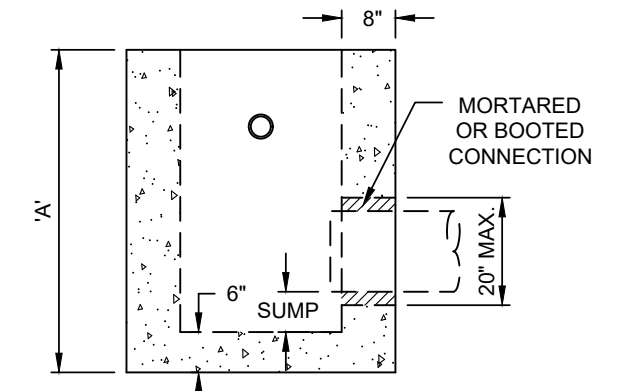


DROP INLET RISER



CAST IRON FRAME & GRATE

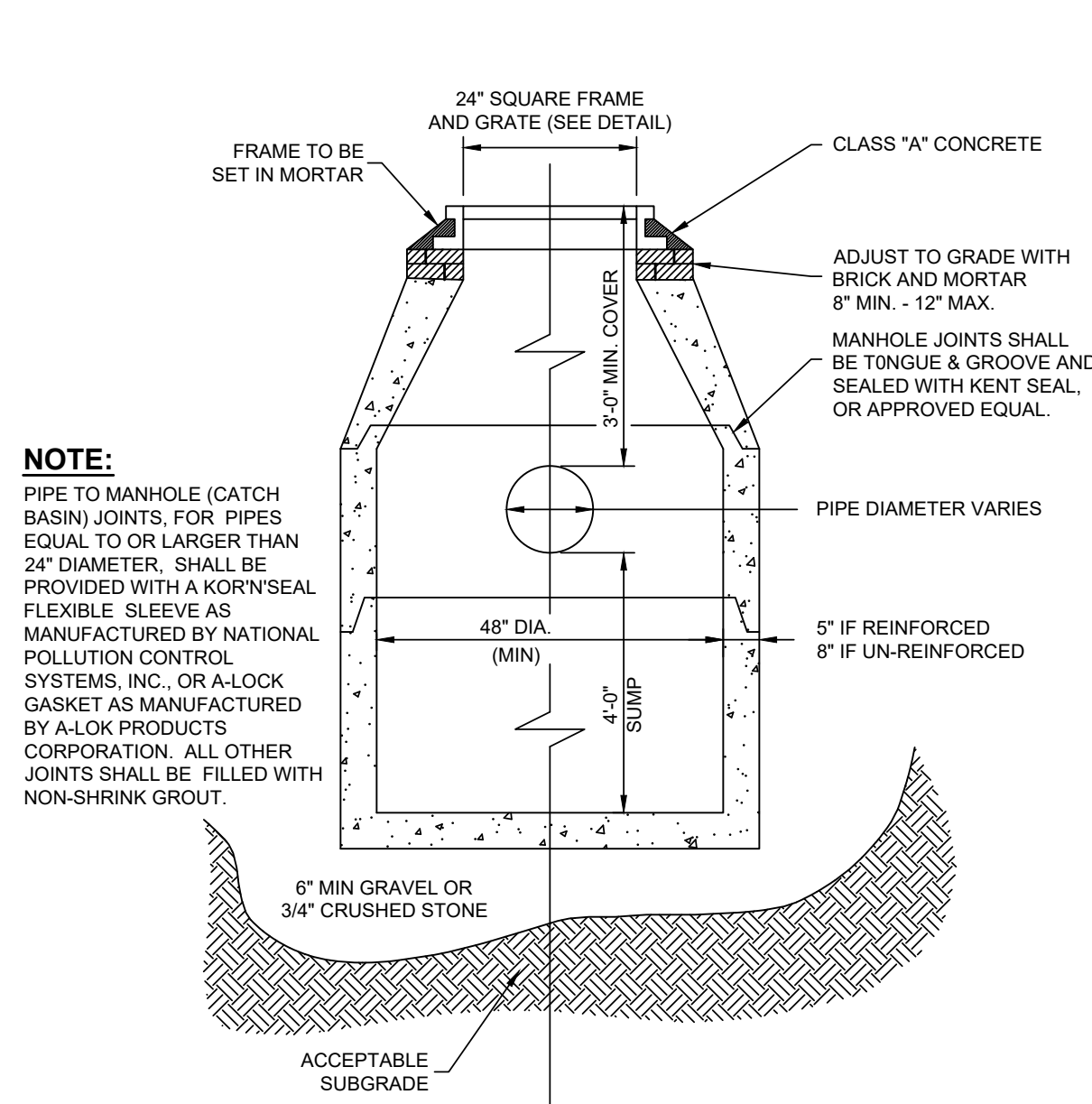
DIM 'A'	EST. WEIGHT
24"	1,880 LBS
30"	2,290 LBS
36"	2,700 LBS
42"	3,110 LBS
48"	3,520 LBS
54"	3,930 LBS
60"	4,343 LBS



DROP INLET BASE

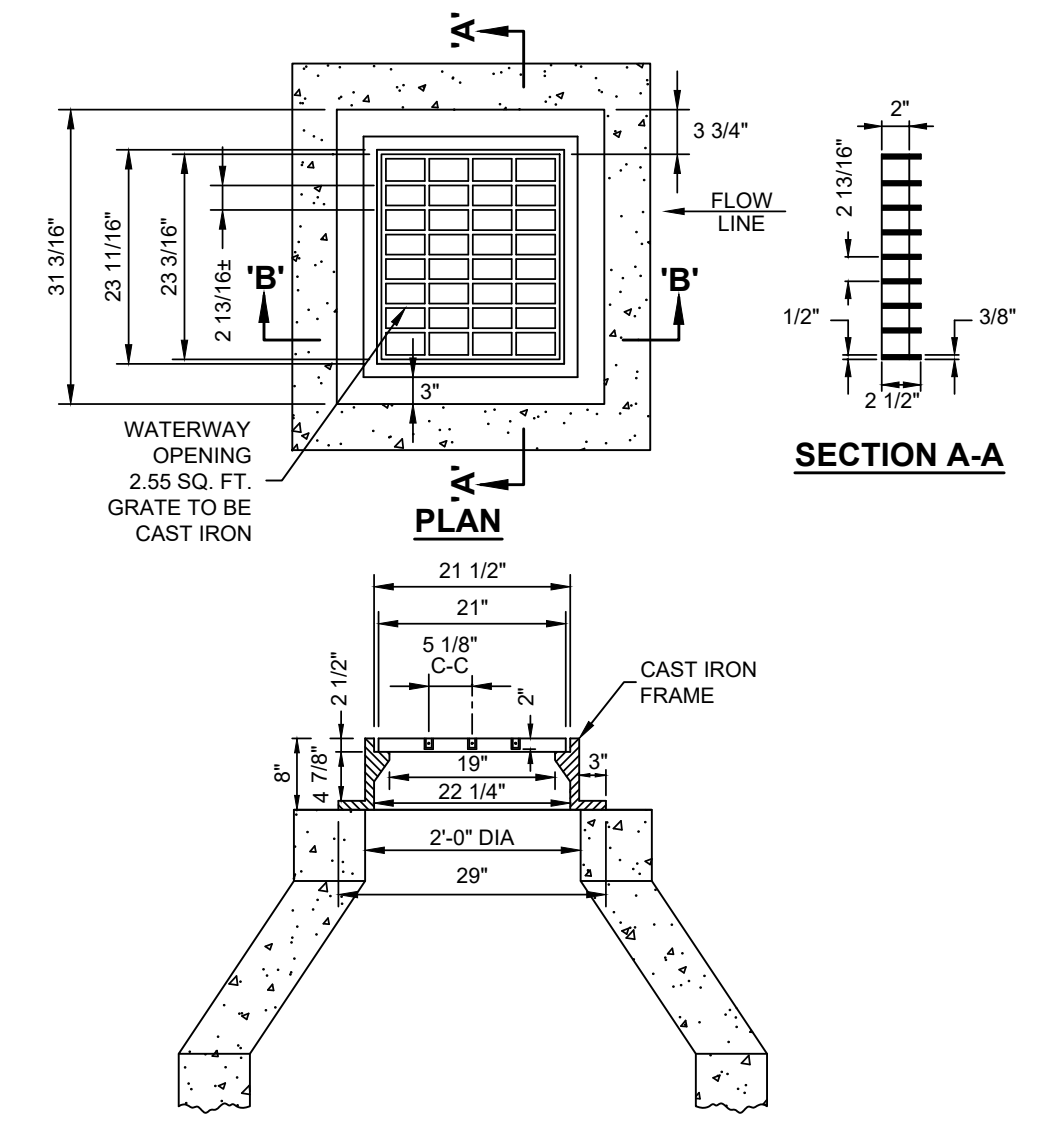
GENERAL NOTES:
 1. CONCRETE: Fc = 4,000 PSI AT 28 DAYS MINIMUM.
 2. DESIGN LOADING: AASHTO-HS20-44.
 3. SUMP SHALL BE 2 FT.

YARD DRAIN DETAIL
NOT TO SCALE

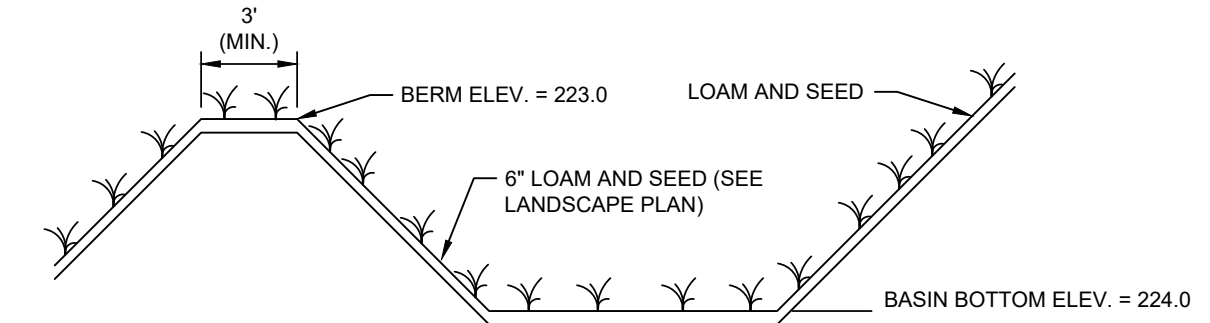


NOTE:
 PIPE TO MANHOLE (CATCH BASIN) JOINTS, FOR PIPES EQUAL TO OR LARGER THAN 24" DIAMETER, SHALL BE PROVIDED WITH A KORNSSEAL FLEXIBLE SLEEVE AS MANUFACTURED BY NATIONAL POLLUTION CONTROL SYSTEMS, INC. OR A-LOCK GASKET AS MANUFACTURED BY A-LOK PRODUCTS CORPORATION. ALL OTHER JOINTS SHALL BE FILLED WITH NON-SHRINK GROUT.

CATCH BASIN DETAIL
NOT TO SCALE

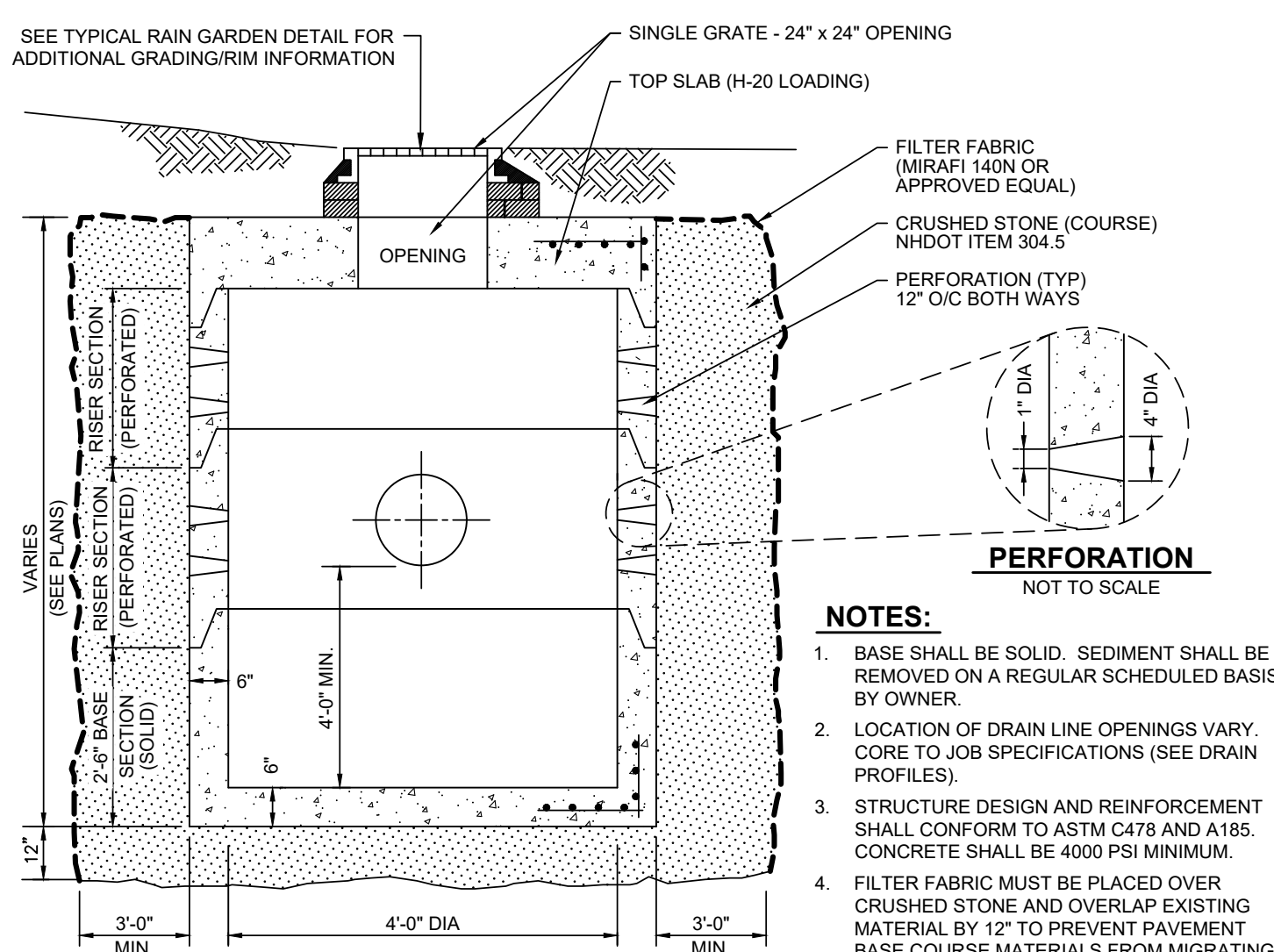


CATCH BASIN - TYPE B FRAME AND COVER DETAIL
(NHDOT STANDARD)
NOT TO SCALE



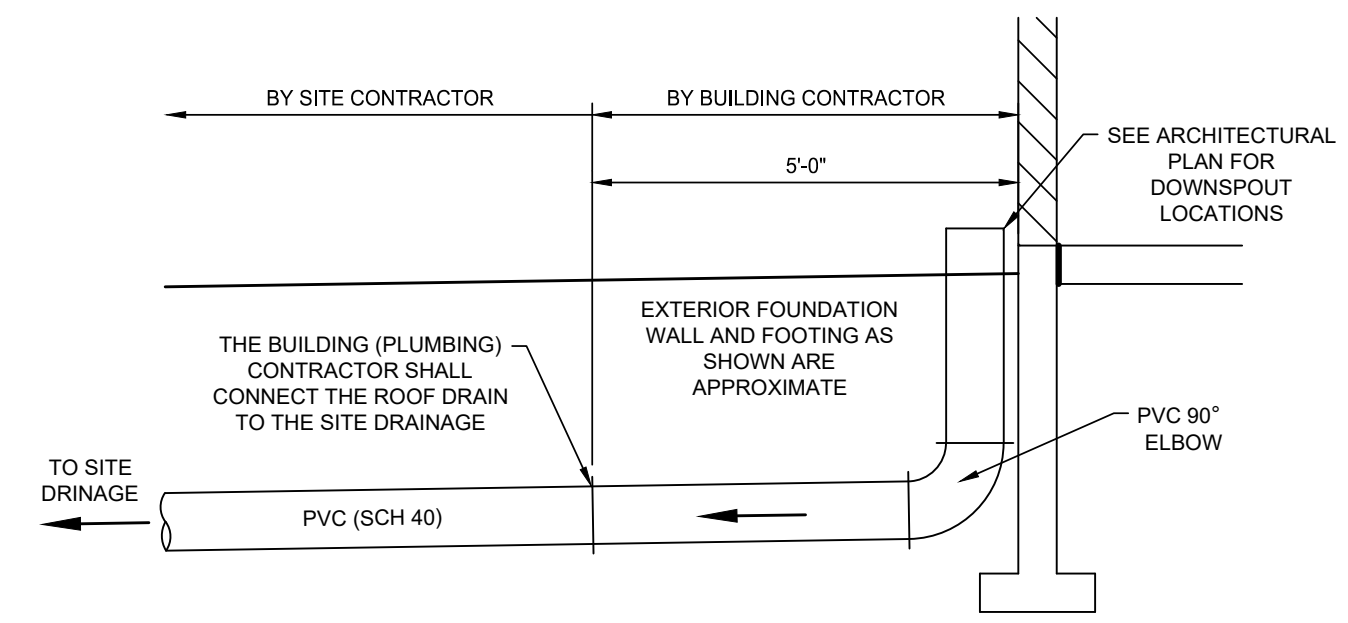
NOTES:
 1. DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS) TO THE INFILTRATION BASIN.
 2. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION BASIN.
 3. AFTER THE BASIN IS EXCAVATED TO THE FINAL DESIGN ELEVATION, THE FLOOR SHOULD BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW TO RESTORE INFILTRATION RATES, FOLLOWED BY A PASS WITH A LEVELING DRAG.
 4. VEGETATION SHOULD BE ESTABLISHED IMMEDIATELY.
 5. DO NOT PLACE INFILTRATION SYSTEMS INTO SERVICE UNTIL THE CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.

TYPICAL SECTION INFILTRATION BASIN
NOT TO SCALE



NOTES:
 1. BASE SHALL BE SOLID. SEDIMENT SHALL BE REMOVED ON A REGULAR SCHEDULED BASIS BY OWNER.
 2. LOCATION OF DRAIN LINE OPENINGS VARY. CORE TO JOB SPECIFICATIONS (SEE DRAIN PROFILES).
 3. STRUCTURE DESIGN AND REINFORCEMENT SHALL CONFORM TO ASTM C478 AND A185. CONCRETE SHALL BE 4000 PSI MINIMUM.
 4. FILTER FABRIC MUST BE PLACED OVER CRUSHED STONE AND OVERLAP EXISTING MATERIAL BY 12" TO PREVENT PAVEMENT BASE COURSE MATERIALS FROM MIGRATING INTO THE CRUSHED STONE.

LEACHING CATCH BASIN
NOT TO SCALE



ROOF DRAIN (RD) DOWNSPOUT CONNECTION DETAIL
NOT TO SCALE

PRELIMINARY DESIGN REVIEW

No.	DATE	REVISION	BY

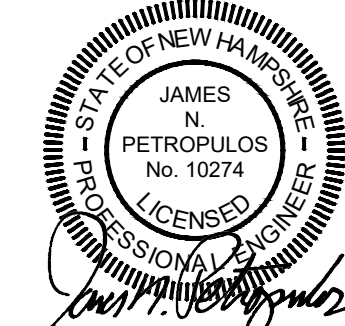
DETAIL SHEET - GENERAL SITE (MAP 2, LOT 109)
PROPOSED DENTAL OFFICE
 108 PONEMAH ROAD
 AMHERST, NEW HAMPSHIRE

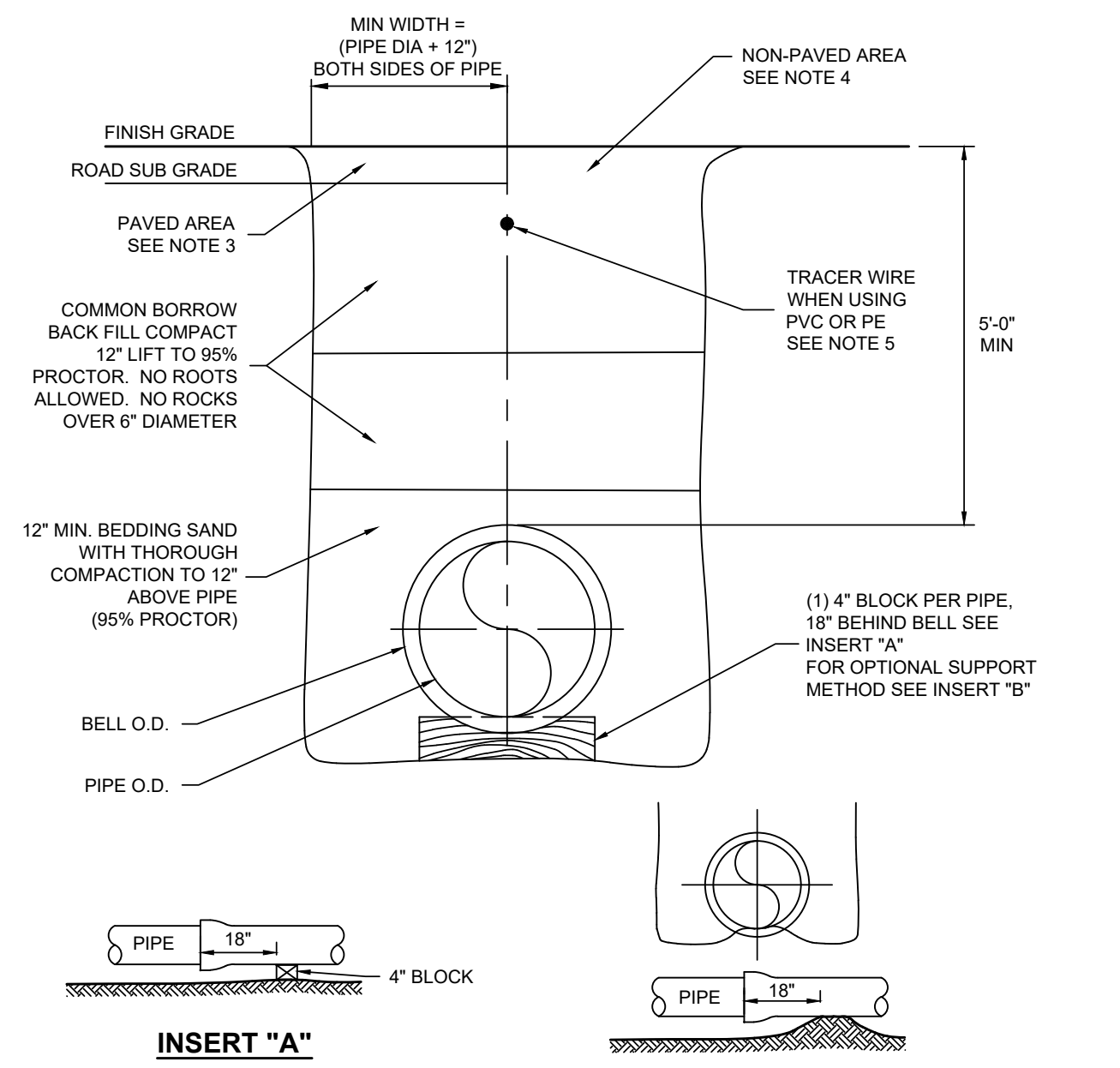
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
 12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062

SCALE AS SHOWN

1 APRIL 2024

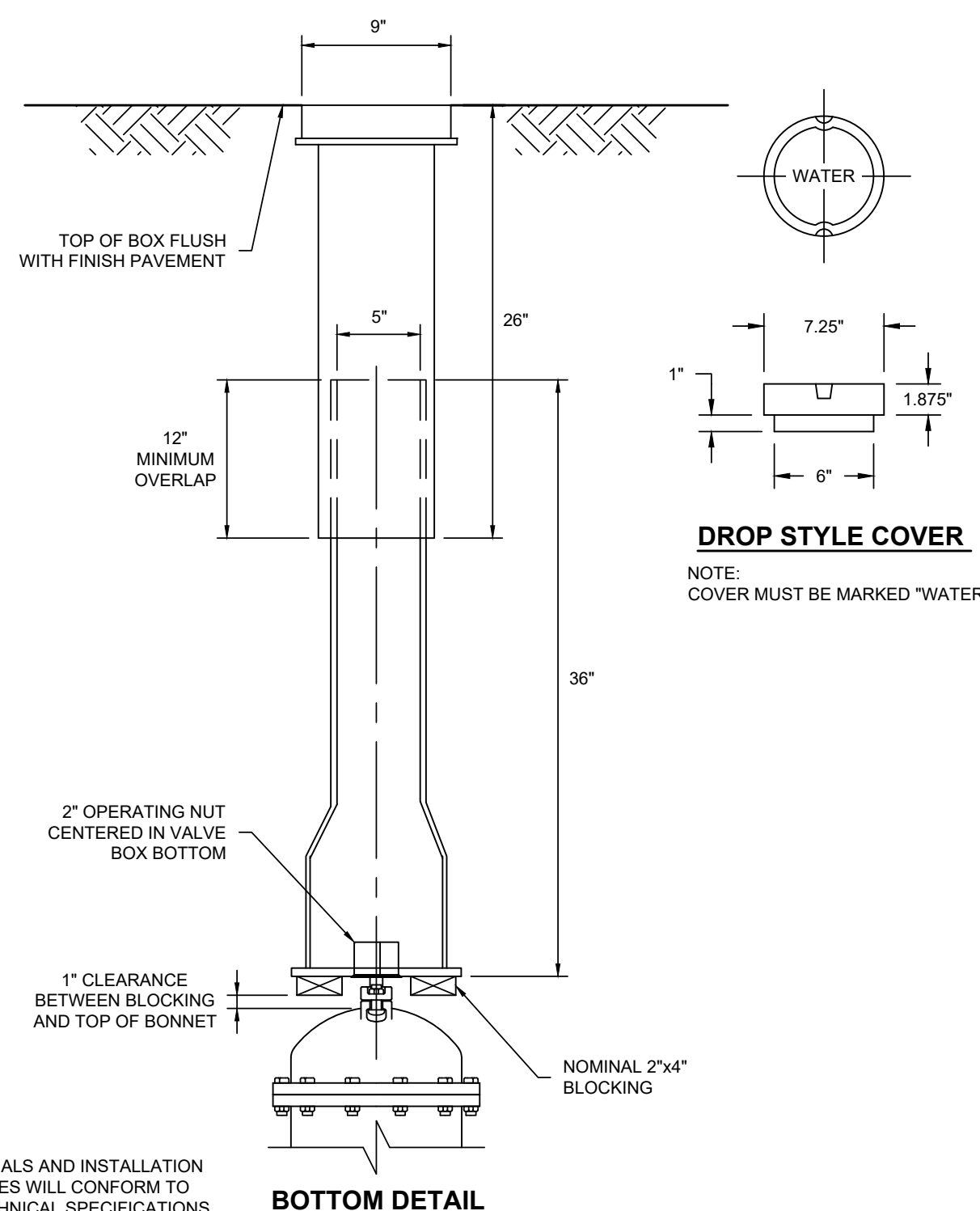
HSI Hayner/Swanson, Inc.
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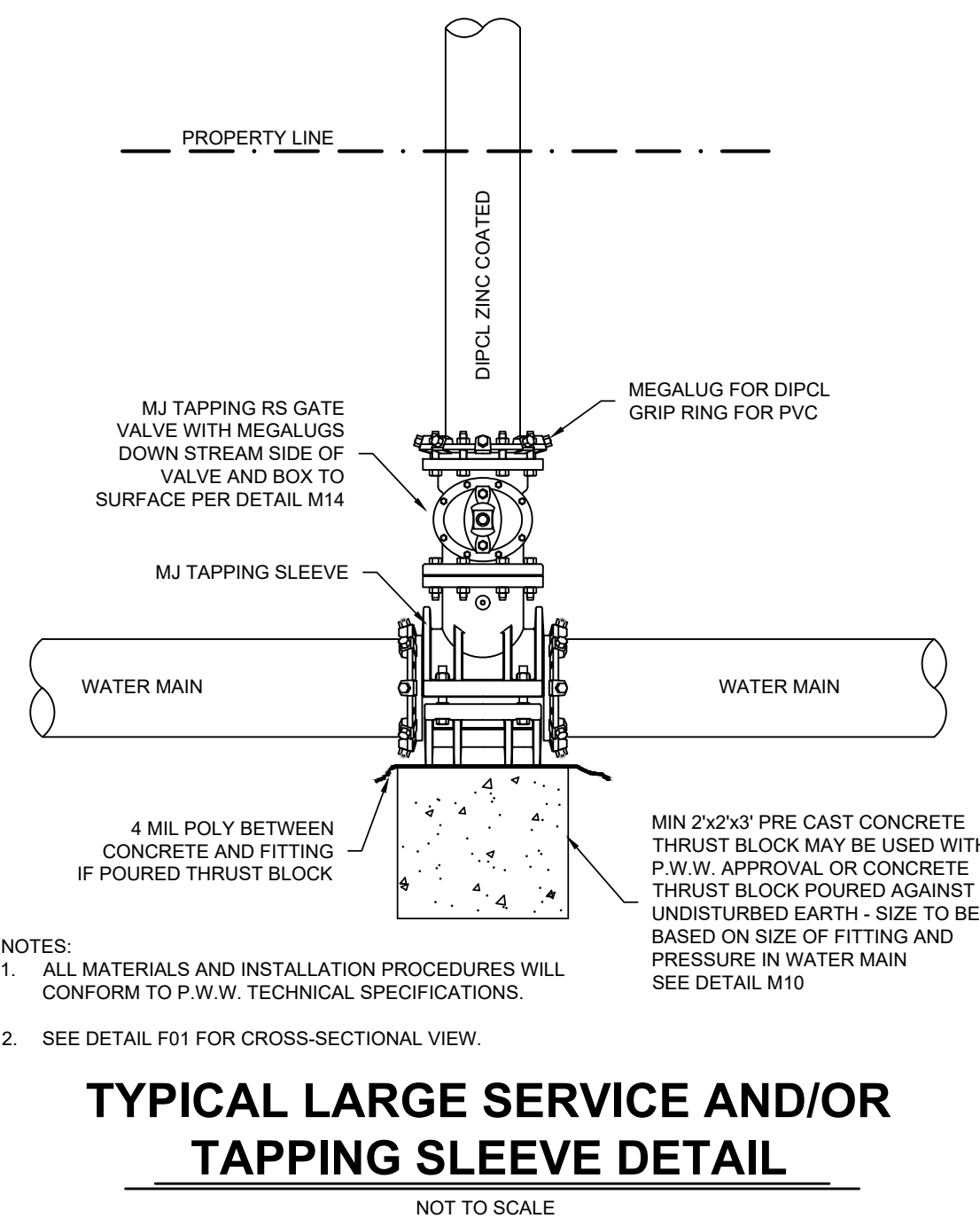


- NOTES:**
1. ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
 2. ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 5'-0" FROM TOP OF PIPE TO FINISH GRADE.
 3. REQUIREMENTS FOR SUBBASE AND BASE MATERIAL TYPE ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY HAVING LOCAL JURISDICTION IN PAVED AREAS.
 4. REQUIREMENTS FOR GRAVEL, LOAM AND/OR SEED ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY HAVING LOCAL JURISDICTION IN NON-PAVED AREAS.
 5. USE 10-GAUGE SOLID-CORE COATED BLUE TRACER WIRE PER P.W.W. TECHNICAL SPECIFICATIONS.

TYPICAL TRENCH DETAIL
NOT TO SCALE



- NOTE:**
ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
- TYPICAL VALVE BOX DETAIL**
NOT TO SCALE



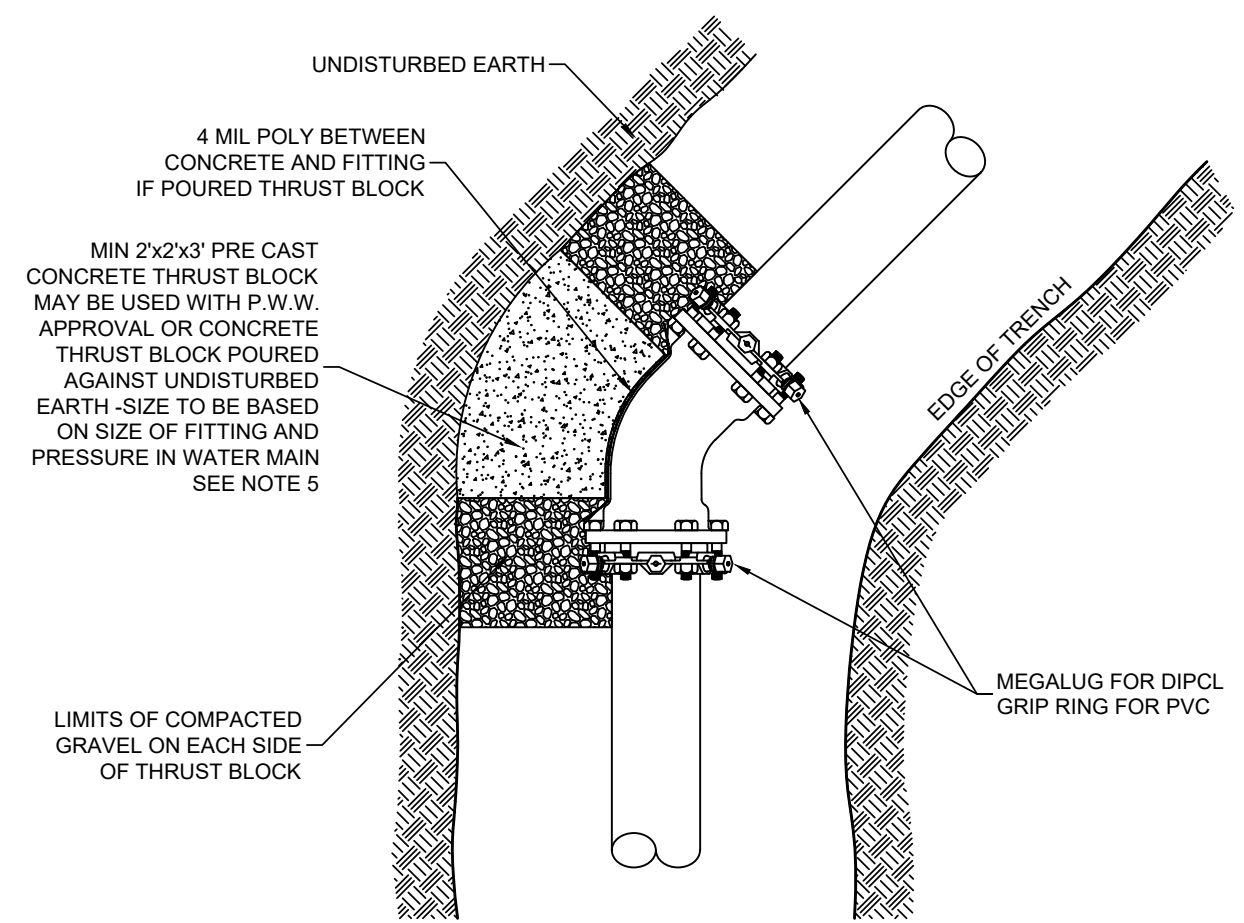
- NOTES:**
1. ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
 2. SEE DETAIL F01 FOR CROSS-SECTIONAL VIEW.

TYPICAL LARGE SERVICE AND/OR TAPPING SLEEVE DETAIL
NOT TO SCALE

WATER NOTES:

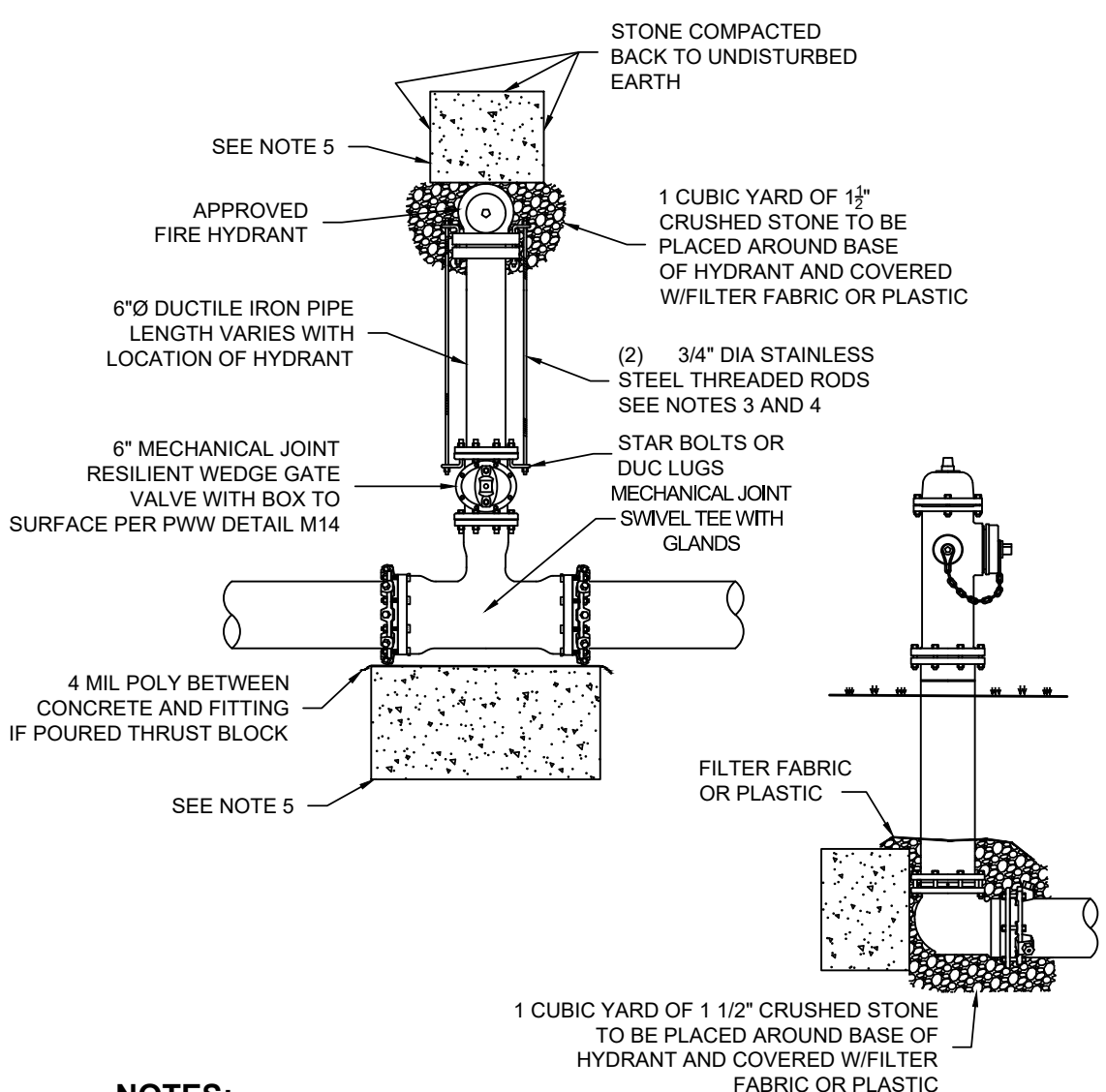
1. REFERENCE PENNICHUCK WATER WORKS SPECIFICATIONS FOR INSTALLATION OF ALL WATER LINES.
2. ALL SPRINKLER AND DOMESTIC LEADS TO BUILDING SHALL END 5'-0" OUTSIDE THE FACE OF BUILDING WALL, UNLESS NOTED, AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY).
3. THRUST BLOCKS AND MEGALUG RESTRAINTS SHALL BE PROVIDED AT ALL HORIZONTAL BENDS, TEES, AND FIRE HYDRANTS. SEE DETAIL.
4. MINIMUM COVER ON ALL WATER LINES IS 5'-0".
5. CONTRACTOR SHALL MAINTAIN A 5'-0" HORIZONTAL (UNLESS OTHERWISE NOTED) AND 12" VERTICAL SEPARATION BETWEEN WATER SERVICE AND UTILITIES OTHER THAN SANITARY SEWER.
6. INSPECTIONS ON WATER SERVICE INSTALLATION DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE SITE CONTRACTOR AND SHALL BE COORDINATED WITH PENNICHUCK WATER WORKS, AND ALL INSPECTION FEES SHALL BE PAID BY THE CONTRACTOR.
7. CONTRACTOR SHALL HAVE BACTERIOLOGICAL AND PRESSURE TESTING PERFORMED. CONTRACTOR SHALL GIVE PENNICHUCK WATER WORKS A COPY OF RESULTS. PENNICHUCK WATER WORKS SHALL BE ON-SITE TO WITNESS TEST.
8. ALL PIPE, VALVES, MISCELLANEOUS MATERIALS AND INSTALLATION SHALL CONFORM WITH PENNICHUCK WATER WORKS SPECIFICATIONS.
9. ALL FIRE HYDRANTS, VALVES, FITTINGS, PIPES, ETC. SHALL BE IN ACCORDANCE WITH PENNICHUCK WATER WORKS REQUIREMENTS.
10. METALLIC TAPE OR DETECTOR WIRE SHALL BE INSTALLED IN THE SAME TRENCH WITH ALL NONMETALLIC PIPE SUCH THAT THE PIPE MAY BE LOCATED WITH ELECTRONIC LOCATING EQUIPMENT. DETECTOR WIRE OR METALLIC TAPE SHALL BE INSTALLED APPROXIMATELY 12" TO 18" BELOW GRADE DIRECTLY ABOVE THE TOP OF THE PIPE. DETECTOR WIRE SHALL BE 14 - GAUGE SOLID COPPER, SIMPLEX BW3001, OR EQUAL. METALLIC TAPE SHALL BE 2" MINIMUM METALIZED TAPE, GRIFFOLYN COMPANY, INC. TERRATAPE OR EQUAL.
11. CONTRACTOR SHALL ENSURE ALL WATER VALVES ARE IN A FULLY-OPEN POSITION UPON COMPLETION OF PROJECT.
12. CONTRACTOR SHALL COORDINATE ALL WATER INTERRUPTIONS WITH THE PENNICHUCK WATER WORKS AND AFFECTED PROPERTY OWNERS.

DETAILS SHOWN SUPPLIED BY PENNICHUCK WATER WORKS, INC.



- NOTES:**
1. ALL MATERIAL AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
 2. ALL PIPE SHOULD HAVE A MINIMUM DEPTH 5'-0" FROM TOP OF PIPE TO FINISH GRADE.
 3. 3/4" S.S. RODS SHALL BE USED IN CONJUNCTION WITH REQUIRED S.S. NUTS. RODS ARE TO BE ATTACHED TO FITTINGS WITH EITHER STAR BOLTS OR DUC LUGS. 10" FITTING OR SMALLER = (2) 3/4" S.S. RODS & ASSOC. HARDWARE. 12" FITTING OR LARGER = (4) 3/4" S.S. RODS & ASSOC. HARDWARE.
 4. MIN 2x2x3' PRE CAST CONCRETE THRUST BLOCK MAY BE USED WITH P.W.W. APPROVAL OR CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED EARTH - SIZE TO BE BASED ON SIZE OF FITTING AND PRESSURE IN WATER MAIN.
 5. VOID BETWEEN PRECAST THRUST BLOCK AND VIRGIN SOIL TO BE FILLED AND CHINKED WITH STONE.

TYPICAL THRUST BLOCK BEHIND FITTINGS INSTALLATION
NOT TO SCALE



- NOTES:**
1. ALL MATERIAL AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
 2. ALL PIPE SHOULD HAVE A MINIMUM DEPTHS OF 5' FROM TOP OF PIPE TO FINISH GRADE.
 3. 3/4" S.S. RODS SHALL BE USED IN CONJUNCTION WITH REQUIRED S.S. NUTS. RODS ARE TO BE ATTACHED TO FITTINGS WITH EITHER STAR BOLTS OR DUC LUGS. 10" FITTING OR SMALLER = (2) 3/4" S.S. RODS & ASSOC. HARDWARE. 12" FITTING OR LARGER = (4) 3/4" S.S. RODS & ASSOC. HARDWARE.
 4. WHEN DISTANCE FROM WATER MAIN TO HYDRANT IS MORE THAN 10' SUBSTITUTE MEGALUGS (OR GRIP RINGS) IN LIEU OF THREADED RODS.
 5. MIN 2x2x3' PRE CAST CONCRETE THRUST BLOCK MAY BE USED WITH P.W.W. APPROVAL OR CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED EARTH - SIZE TO BE BASED ON SIZE OF FITTING AND PRESSURE IN WATER MAIN. SEE PWW DETAIL M10.

TYPICAL HYDRANT INSTALLATION
NOT TO SCALE

PRELIMINARY DESIGN REVIEW			
No.	DATE	REVISION	BY

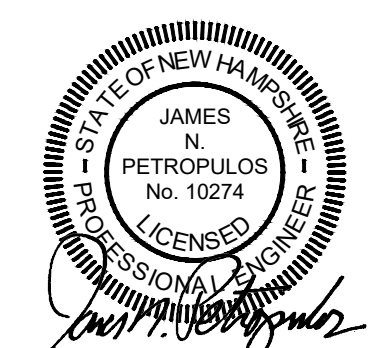
DETAIL SHEET - WATER
(MAP 2, LOT 109)

PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

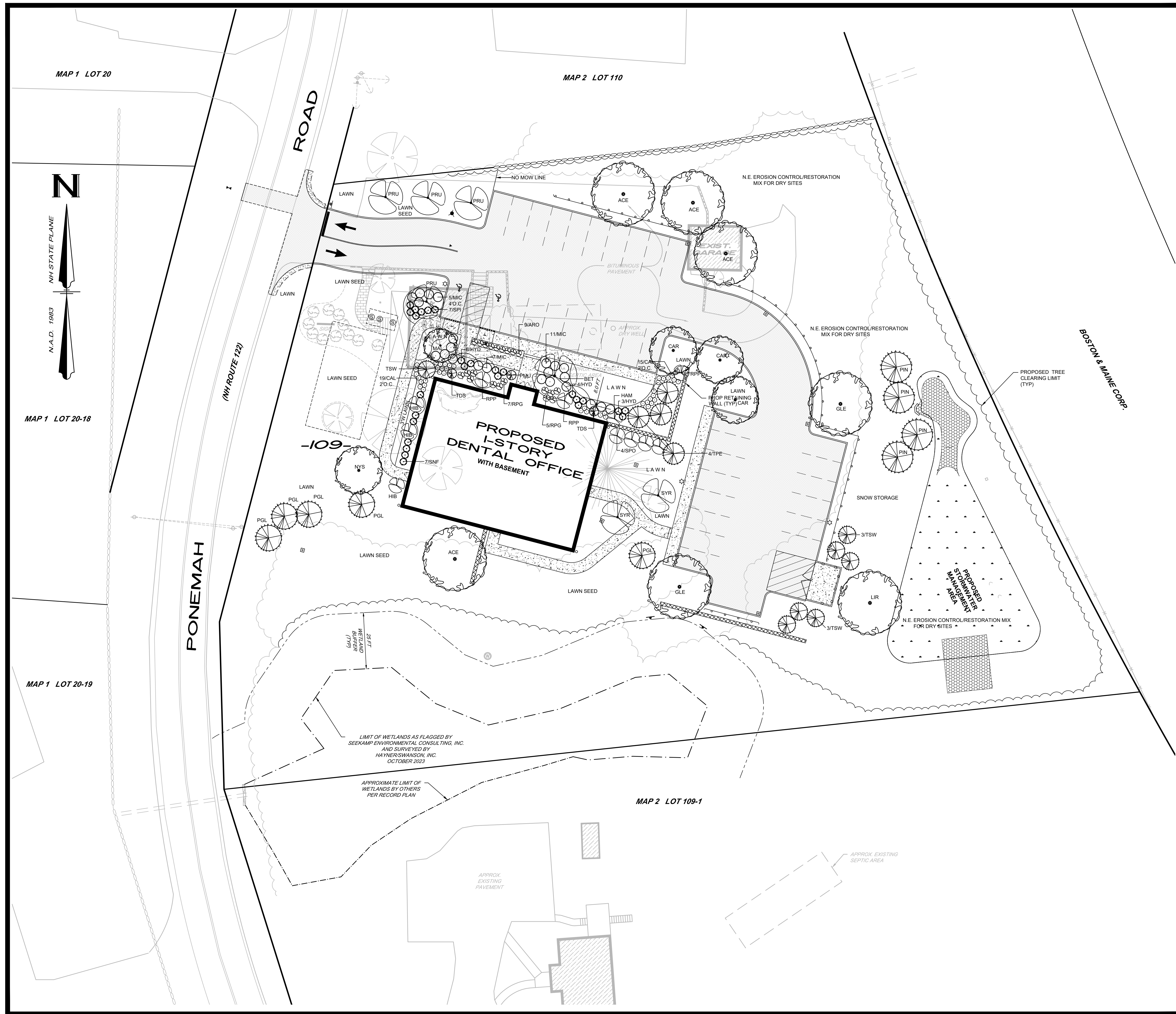
PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062

SCALE AS SHOWN

1 APRIL 2024



HSI Hayner/Swanson, Inc.
Civil Engineers/Land Surveyors
3 Congress Street
Nashua, NH 03062
(603) 883-2057
www.hayner-swanson.com



LANDSCAPE MAINTENANCE NOTES:

1. LANDSCAPING SHALL BE KEPT IN GOOD CONDITIONS AND DEAD PLANTINGS SHALL BE REPLACED.
2. PERMANENT WATER SERVICE SUPPLY TO BE PROVIDED BY OTHERS.
3. MAINTENANCE BOND FOR ONE YEAR TO BE PROVIDED.
4. ALL CONDITIONS ON PLAN TO REMAIN IN PERPETUITY.

MATERIAL LIST

4/ACE	ACER RUBRUM (RED MAPLE)	2.5'-3'CAL.
9/ARO	ARONIA MELANOCARPA (GROUND HOG CHOKEBERRY)	#3GAL.
1/BET	BETULA NIGRA HERITAGE (RIVER BIRCH)	12'-14' MULTI-STEM
40/CAL	CALAMAGROSTIS A. (KARL FOERSTER FEATHER REED)	#3GAL.
3/CAR	CARPINUS BETULUS (FRANS FONTAINE HORNBEAM)	2.5'-3'CAL.
2/GLE	GLEDTISIA T.I. (HALKA HONEYLOCUST)	2.5'-3'CAL.
1/HAM	HAMAMELIS VIRGINIANA (HARVEST MOON WITCHHAZEL)	6'-7'BB
3/HIB	HIBISCUS SYRIACUS (HAWAII ROSE OF SHARON)	4'-5'BB
13/HYD	HYDRANGEA (ENDLESS SUMMER (TWIST AND SHOUT))	#5GAL.
1/LIR	LIRIODENDRON TULIPIFERA (EMERALD CITY TULIPTREE)	2.5'-3'CAL.
1/MAL	MALUS SPECIES (LOUISA CRABAPPLE)	2'-2.5'CAL.
23/MIC	MICROBIOTO DECUSSATA (RUSSIAN CYPRESS)	#5GAL.
1/NYS	NYSSA SYLVATICA (FOREST FIRE TUPELO)	2.5'-3'CAL.
5/PGL	PICEA GLAUCA (WHITE SPRUCE)	8'-10'BB
4/PIN	PINUS STROBUS (EASTERN WHITE PINE)	5'-8'BB
1/PMU	PINUS MUGO (SLOWMOUND MUGO PINE)	10'GAL.
4/PRU	PRUNUS SERRULATA (KWANZAN CHERRY)	2'-2.5'CAL.
12/RPG	RHODODENDRON (PURPLE GEM RHODODENDRON)	#3GAL.
3/RPP	RHODODENDRON P.J.M (PINK P.J.M)	3'-4'BB
7/SNF	SPIRAEA JAPONICA (NEON FLASH SPIREA)	#3GAL.
7/SPI	SPIRAEA JAPONICA (DOUBLE PLAY DOOZIE SPIREA)	#3GAL.
4/SPO	SYRINGA HYACINTHIFLORA (POCAHONTAS LILAC)	6'-7'HYV.
2/SYR	SYRINGA RETICULATA (IVORY SILK LILAC TREE)	8'-10' MULTI-STEM
2/TDS	THUJA O. (DEGROOTS SPIRE ARBORVITAE)	6'-7'BB
4/TPE	THUGA PLICATA (EXCELSA WESTERN ARBORVITAE)	7'-8'BB
7/TSW	THUGA PLICATA (STEEPLECHASE WESTERN ARBORVITAE)	7'-8'BB
	GENERAL LAWN SEED DROUGHT TOLERANT SANDY SOIL	PER PLAN
	RETENTION BASIN - N.E. MOIST SITE RESTORATION MIX	PER PLAN
	NOW MOWED AREAS - N.E. DRY SITE RESTORATION MIX	PER PLAN
	PREMIUM BLEND PINE BARK MULCH IN ALL BEDS	

GENERAL NOTES:

1. PLANT MATERIAL SOURCE: MILLICAN NURSERY CHICHESTER, N.H. RESTORATION SEED MIX: NEW ENGLAND WETLAND PLANTS, AMHERST, N.H.
2. THERE ARE NO SUBSTITUTIONS TO THE BID LIST WITHOUT PRIOR WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT. ANY INSTALLED PLANTS THAT DO NOT CONFORM TO THE BID LIST (HYBRID, SIZE) WILL BE REPLACED WITH THE CORRECT PLANTS AT THE CONTRACTOR'S EXPENSE.
3. PLANT AND SEED WARRANTY FOR ONE YEAR FROM CLIENT ACCEPTANCE. INSTALLING CONTRACTOR RESPONSIBLE FOR MONITORING PROPER WATERING AND INSECT CONTROL.

**PRELIMINARY
DESIGN REVIEW**

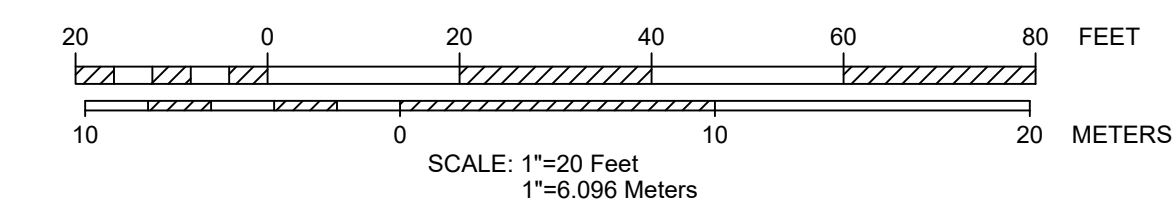
No.	DATE	REVISION	BY

**LANDSCAPE PLAN
(MAP 2, LOT 109)**

PROPOSED DENTAL OFFICE

108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



1 APRIL 2024

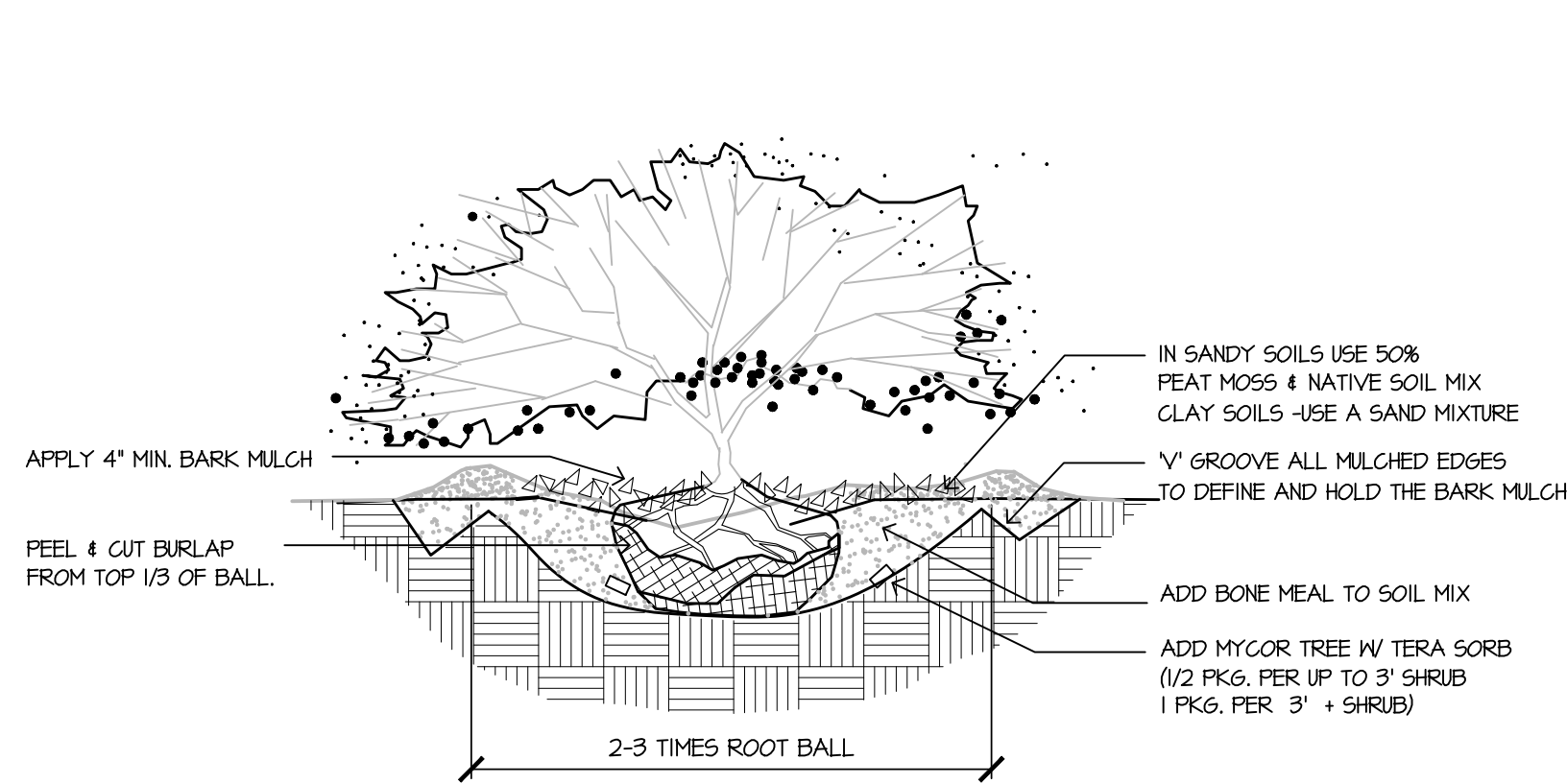
PREPARED BY :
JOSEPH HOCHREIN
PHONE (603) 648-6500 FAX (603) 648-6506
Land Planning - Landscape Architecture
85 Frost Lane - Webster, NH 03303

General Specifications

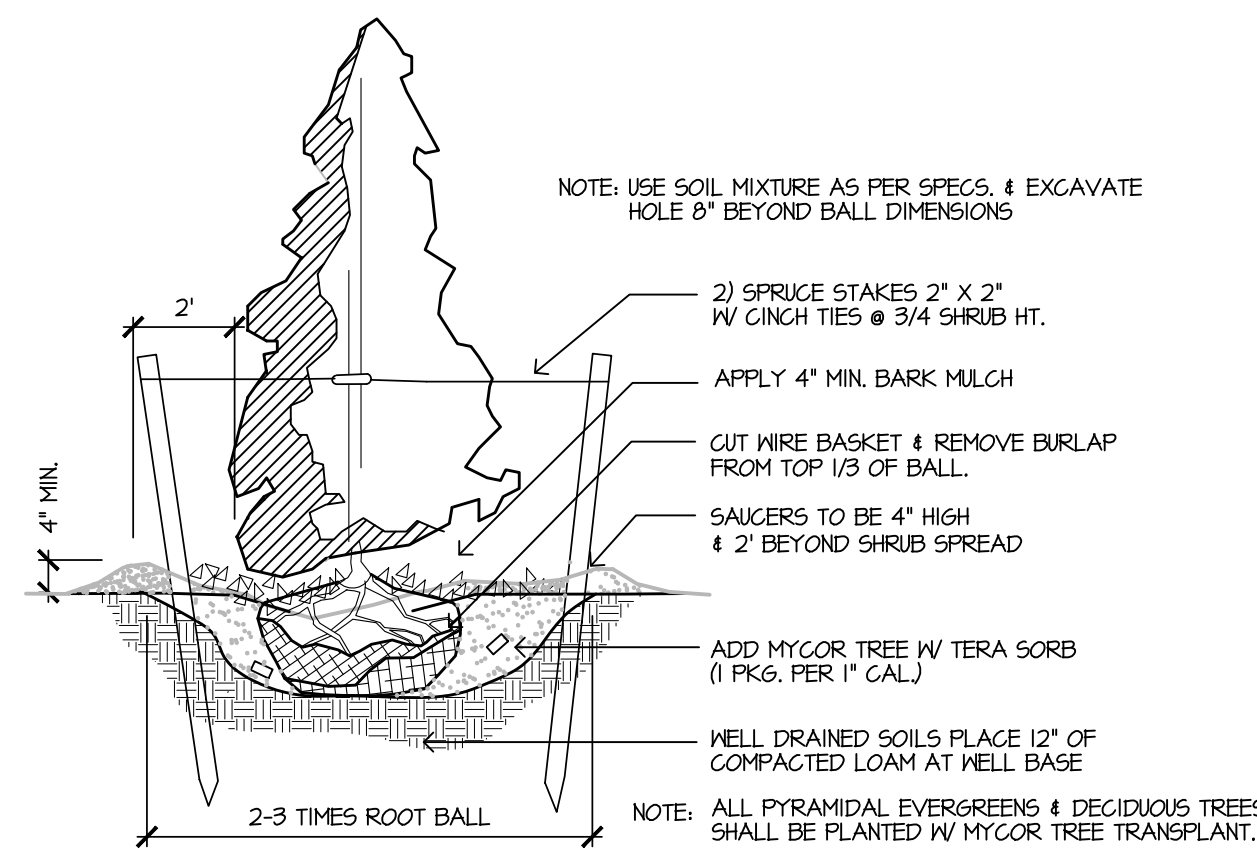
- The contractor shall at their expense furnish all the materials, supplies, machinery, equipment, tool, superintendent, labor, insurance, & other accessories and services necessary to complete the said project within the unit costs stated within the bid price.
- The work to be done under this contract is as shown and described on the drawings. Each bidder shall make a careful examination of the plans and specifications (the plan shall dictate quantities) and acquaint himself with all conditions before making their proposal. They will be held responsible for errors in their proposal resulting from their failure to make such an examination. All bidders shall visit the site and inform themselves of all conditions.
- The bids shall be based on materials and equipment complying with the drawings and the specifications. The contractor shall be responsible under this contract price, for furnishing and installing materials confirming to the bid items. Under no circumstances may a species 'hybrid' be substituted or size changed without written consent of the landscape architect.
- The contractor shall be responsible for the protection of such existing utilities as water mains, sewer systems, gas mains, electrical conduits, telephone lines and any other utilities and if any damage or destruction may occur to these utilities, they shall be responsible for their repair and/or replacement at their expense.
- The contractor shall make payment for all damages to buildings, structures, trees, shrubs and/or any other property outside the construction area or located within those limits but not designated for removal or reconstructed providing such damage shall result from accident caused by negligence for which the contractor shall be legally liable.
- If additional labor and/or materials is requested or required, the contractor shall submit a price to the owner. If the owner approves the price they shall prepare a change order for approval and signature. The contractor shall not proceed without a written authorization from the owner for the additional work. If the contractor proceeds with the additional work without this authorization he shall forfeit any claim for additional compensation.
- The landscape architect (L.A.) shall reserve the right to inspect the project work at any time deemed necessary to insure that the specifications and plans and any other contract documents are being followed.
- The L.A. shall have the right to reject any plant on-site based upon condition, size, or incorrect species or hybrid. L.A. must be contacted prior to install, to inspect materials delivered to the site, and to insure that soil amendments, bark mulch, roof ballast, etc. are to the written specifications.
- All seeded areas shall receive a minimum 6" topsoil blanket (by site contractor) w/site preparation, raking and general clean up prior to application. Operations shall include a preemergence type herbicide, 12-25-12 granular fertilizer @ 10 lbs./1000 sf., and pelletized limestone @ 25 lbs./1000 sf. power raked into the top 2" of soil prior to hydro-seeding. Ratios & application rates may change based upon the required soil analysis.
- Contractor is responsible for establishing a thick, weed free lawn. Seed shall be spread @ 4lbs./1000. Lawn germination shall be 95% free of noxious weeds for acceptance. Define differences in seed mixes (if applicable) with irrigation flagging until 2nd mowing. Site review by L.A. is required.

- Review of the installed irrigation system by the designer is required prior to release of final payment.
- Hydroseeding operations shall be a one part process with a paper fiber mulch; a tackifier shall be applied on all slopes greater than 3:1, Excelsior Drainage mat shall be applied to all 2:1 slopes and drainage swales per plan.
- Contractor shall maintain, from acceptance date, the lawn areas through the first mowing. Contractor is not responsible for the first mowing.
- All plant materials shall be installed in accordance with A.L.C.C. Trees and shrubs shall have appropriate soil mixtures, fertilizer and soil retention granules.
- If the soil conditions are extremely sandy, all trees shall have a 6" layer of compacted topsoil (verify with L.A.) placed in the base of the plant pit as a moisture retention layer. The plant pit sidewalls shall be over excavated by an additional 12" beyond the normal outside radius of the hole. A topsoil planting mixture shall be used to backfill as per spec # 22.
- Landscape architect shall have the right to reject and have ground removed any plant material not of proper size or of weak quality, ie. thin, no lower branching, etc. Contractor must submit shipping lists (billing invoices) for verification, prior to installation.
- All plant material shall be guaranteed for a period of one (1) year from date of installation. Any material which dies or does not show a healthy appearance within this time shall be replaced at the contractors expense; with same warranty requirements as the original. Warranty does not cover loss due mechanical damage, ie. snow storage. Contractor should protect susceptible species from insect infestation. Use a liquid systemic application on birch, etc.
- Plant beds and saucers vary in dia. (refer to dwg). Trees and shrubs shall receive a 4" (settled) covering of pine/hemlock bark mulch; saucer diameters per drawing & details. Deciduous trees shall have a 6' dia. saucer (typ.), evergreen trees shall have a saucer 2' min. beyond it's outer branches. All edges shall have a 'V' groove.
- All B&B material which are encased in wire baskets shall have the wires cut loose and the top third removed prior to backfill operation.
- If road base is encountered in any plant bed areas, ie. parking islands, it shall be removed and suitable amended soil installed per drawings and specifications.
- Soil planting mixture shall be a 6%-10% organic topsoil, amended with 10% wood ash, 10% manure, & 30% peatmoss or incorporate a dehydrated compost material. If planting in sand, gravel or other well drained soils, a 50% peatmoss to excavated soil. Other soil amendments shall include; Agriform tablets, Hydro-Gel or equal, and Roots growth enhancer to all trees and shrubs listed, per manufacturers specifications. All plant material pits will receive a min. 20% in volume mix of a compost soil amendment. Submittal required. 'Roots' STEP 1 can be substituted for the individual supplements. Install per manufacturer's specs.
- Landscape contractor shall not be responsible for topsoil spreading but shall coordinate with the site contractor adherence to the mound grades, plant bed soil depths and soil type per dwgs & spec. Landscape contractor shall power rake-out for seed.

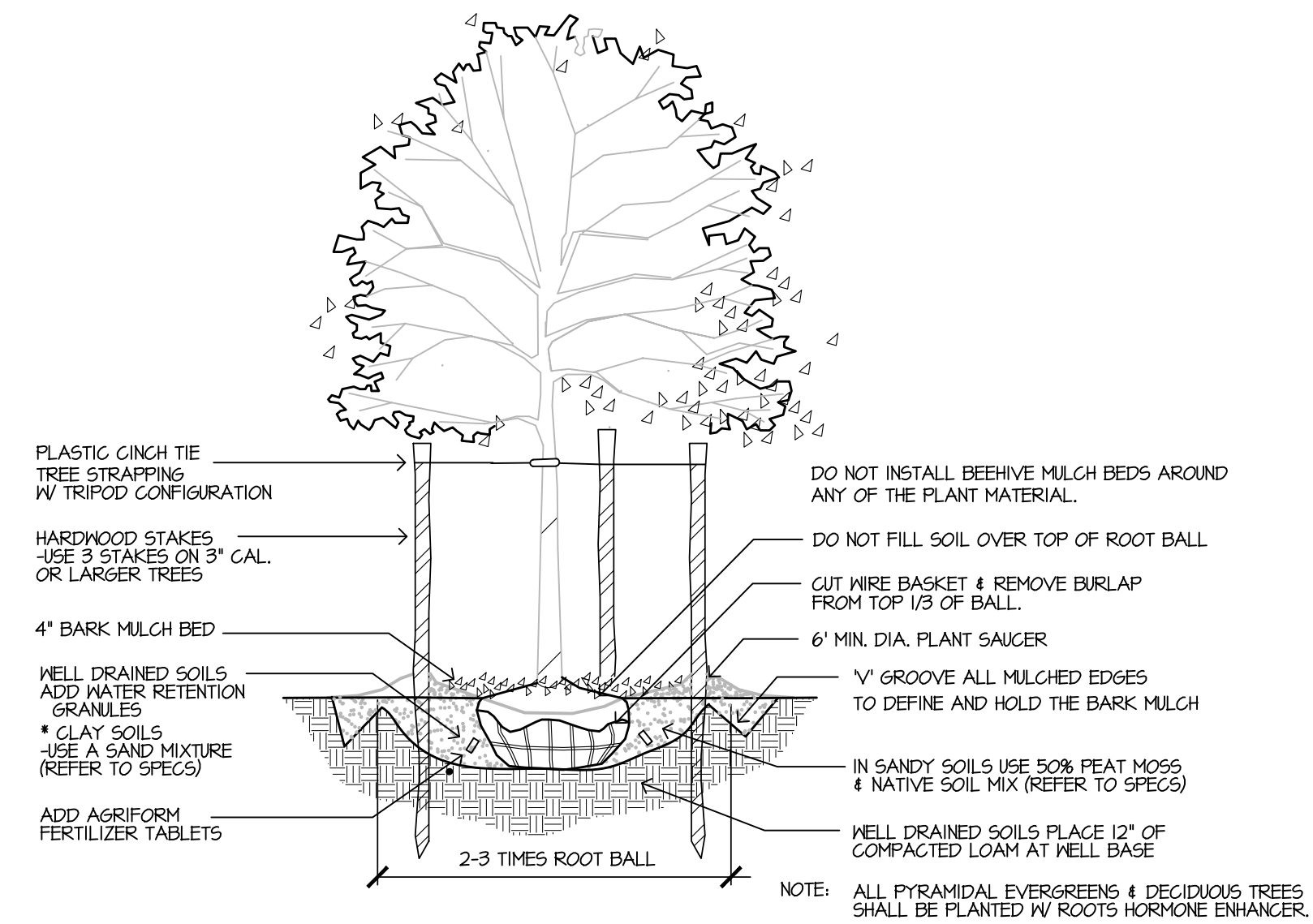
- Landscape contractor shall provide a soil analysis of the topsoil planting mixture. Analysis to show soil classification (min. sandy loam) and nutrients.
- Contractor shall protect all B&B materials left above grade prior to installation from drying out. All plants shall be stored, covered in mulch, and irrigated until planted. Any plant left on the ground and whose outer ball surface dries out, shall be rejected by the landscape architect. Plants stored in shade and off pavement.
- Plan dictates, contractor shall alert Landscape Architect if any discrepancies exist between the plan, the material list, and as-built site conditions.
- Installer shall notify landscape architect prior to planting, to review plant locations and bedline configurations. If contractor installs without the placement approval of the L.A., said architect shall have the right to relocate any installed plants at the contractor's expense.
- Installer shall notify landscape architect prior to plant installation to review all materials. Any plants of poor condition, improper size, or species will be rejected.
- Upon one year review, contractor shall straighten any trees that have shifted. Any weak or bare spots in lawn shall be reseeded.
- All bedlines shall have a deep 'V' groove to define lawn to mulch edge. No 'Beehive' mounding of mulch is allowed, also keep mulch away from base of perennials.
- Do not plant materials too close to the edge of bedlines. Refer to drawings for center of plant to bedline. At a minimum no outer branching of a shrub or perennial shall be closer than two feet from the bedlines. If the as-built does not comply contractor shall adjust the plant location or bedline at his expense.
- Seed mixes include: Sandy Soil Lawn Mix by: deercreekseed.com; New England Wetland Plants, Amherst, Ma. refer to planting plan for designations.
- Any items not completed to the specifications will be required at contractors expense prior to final approvals. Contractor is to bid the work according to the specifications and not to what they may do under their standard practices. Special attention will be payed to soils, amendments, guy stakes, bedline & saucer configurations, seed mixtures, etc.
- Certain designated foundation edging is rood ballast (washed rounds, non-crushed, natural) Size of stone is a range of 3/4"-1.5" dia. placed to a depth of 3", upon placement apply a coating of granular Preen (preemergent).
- Any questions concerning this drawing shall be directed to Joseph Hochrein, 85 Frost Lane, Webster, NH 03303, 603-648-2541.



B&B SHRUB PLANTING
NOT TO SCALE



PYRAMIDAL EVERGREEN TREE PLANTING
NOT TO SCALE



TREE PLANTING 2" + CAL.
NOT TO SCALE

PRELIMINARY
DESIGN REVIEW

No.	DATE	REVISION	BY

DETAIL SHEET - LANDSCAPE
(MAP 2, LOT 109)

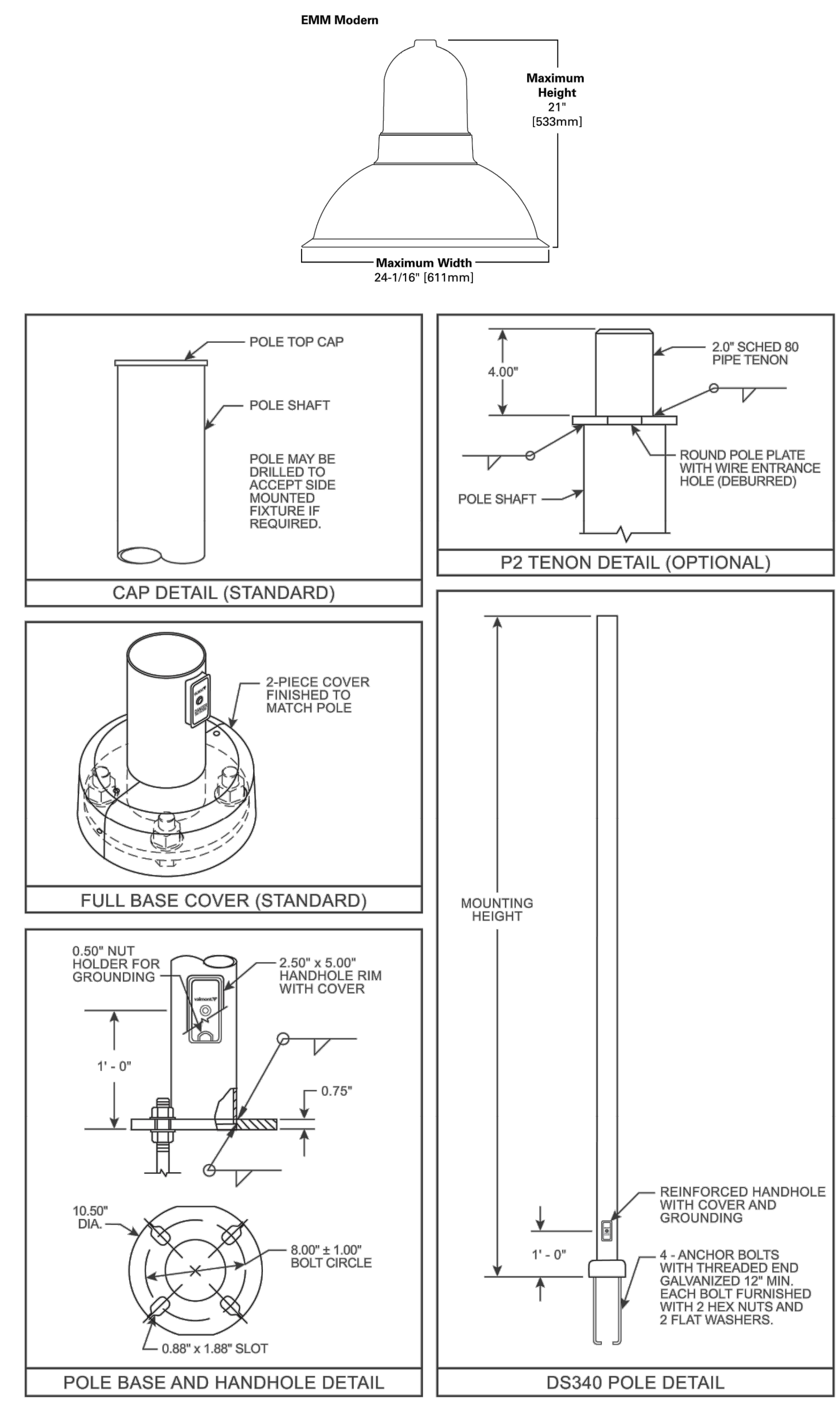
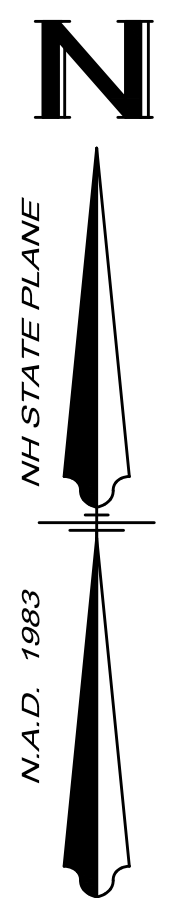
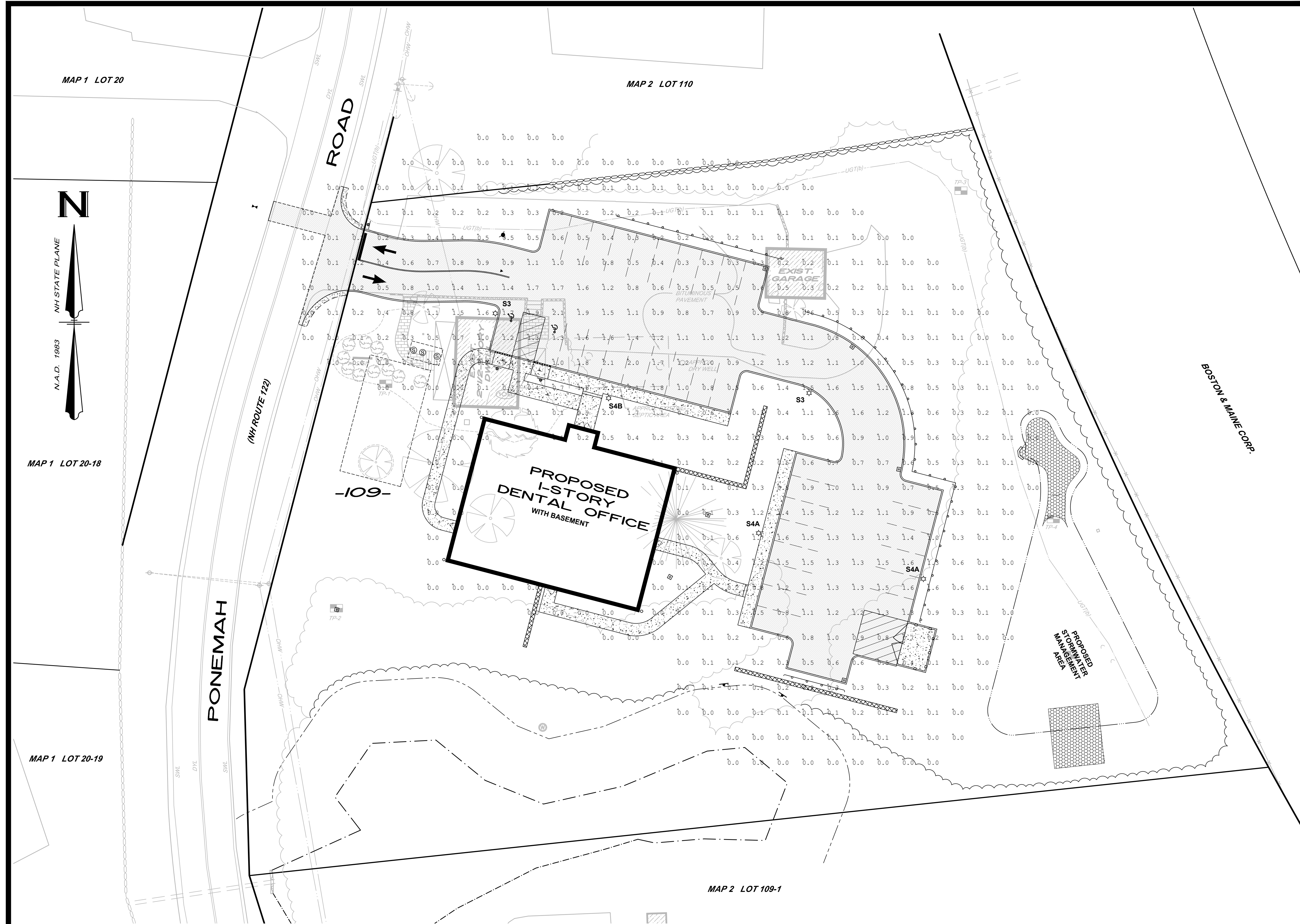
PROPOSED DENTAL OFFICE
108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

PREPARED FOR/RECORD OWNER:
AZ REALTY, LLC
12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062

NO SCALE

1 APRIL 2024

PREPARED BY :
JOSEPH HOCHREIN
PHONE (603) 648-6500 FAX (603) 648-6506
Land Planning - Landscape Architecture
85 Frost Lane - Webster, NH 03303



PROPOSED LIGHT FIXTURE AND POLE DETAIL
NOT TO SCALE

PRELIMINARY
DESIGN REVIEW

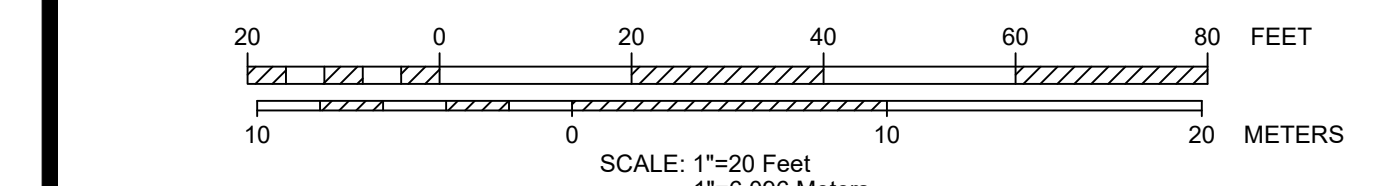
No.	DATE	REVISION	BY

PHOTOMETRIC SITE LIGHTING PLAN
(MAP 2, LOT 109)

PROPOSED DENTAL OFFICE

108 PONEMAH ROAD
AMHERST, NEW HAMPSHIRE

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12 GILBOA LANE NASHUA, NEW HAMPSHIRE 03062



1 APRIL 2024



Calculation Summary

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
ENTIRE AREA	Fc	0.17	2.3	0.0	N.A.	N.A.
FRONT PARKING	Fc	1.07	2.1	0.3	3.57	7.00
SIDE PARKING	Fc	1.15	1.6	0.5	2.30	3.20

Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
☆	2	S3	Single	COOPER: EMM-E02-LED-E1-SL3-SO-SHADEXX-CXX-8030 // BISHOP ARM: VA6105-CXX	MOUNTED ON 18' ROUND VALMONT POLE: DS340-400V200-PL-FP-COOPER CXX-FBC-AB	0.900	4885	52.1	104.2
☆	2	S4A	Single	COOPER: EMM-E02-LED-E1-T4-SO-SHADEXX-CXX-8030 // BISHOP ARM: VA6105-CXX	MOUNTED ON 18' ROUND VALMONT POLE: DS340-400V200-PL-FP-COOPER CXX-FBC-AB	0.900	4854	52.1	104.2
☆	1	S4B	Single	COOPER: EMM-E03-LED-E1-T4-SO-SHADEXX-CXX-8030 // BISHOP ARM: VA6105-CXX	MOUNTED ON 18' ROUND VALMONT POLE: DS340-400V200-PL-FP-COOPER CXX-FBC-AB	0.900	7281	75.2	75.2

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