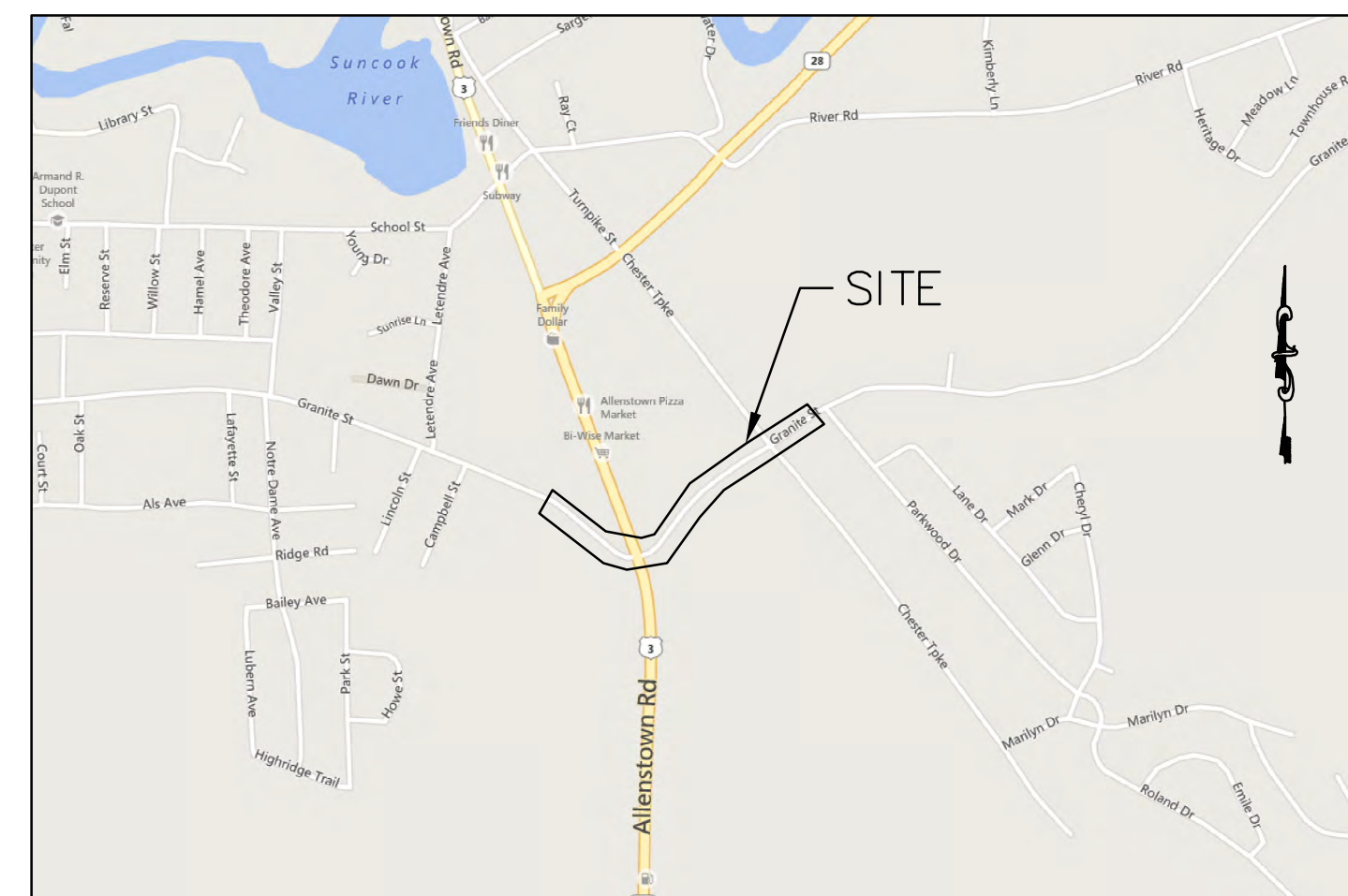


"SAFE ROUTES TO SCHOOL"

PROJECT #15991 FEDERAL PROJECT #X-A001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE AID TO PARKWOOD DRIVE Allentown, New Hampshire, Merrimack County

OCTOBER 7, 2014



Locus Map - Not To Scale

Client: Town of Allentown
16 School Street
Allentown, NH 03275

Civil Engineer: Haight Engineering, PLLC
181 Watson Road
P.O. Box 1166
Dover, NH 03820

Surveyor: David Vincent Land Surveying Services
181 Watson Road
Dover, NH 03820

INDEX

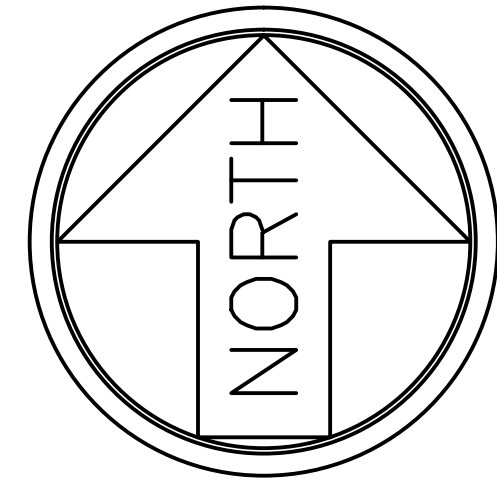
	<u>SHEET NO.</u>
Existing Conditions	1, 2
Demolition Plan A, B & C	3, 4 & 5
Overall Site Plan	6
Site Plan A, B & C	7, 8 & 9
Layout Plan A, B & C	10, 11 & 12
Intersection Plan	13
Detail Sheet	14
Sate Plan	15

DRAFT

NOT FOR CONSTRUCTION

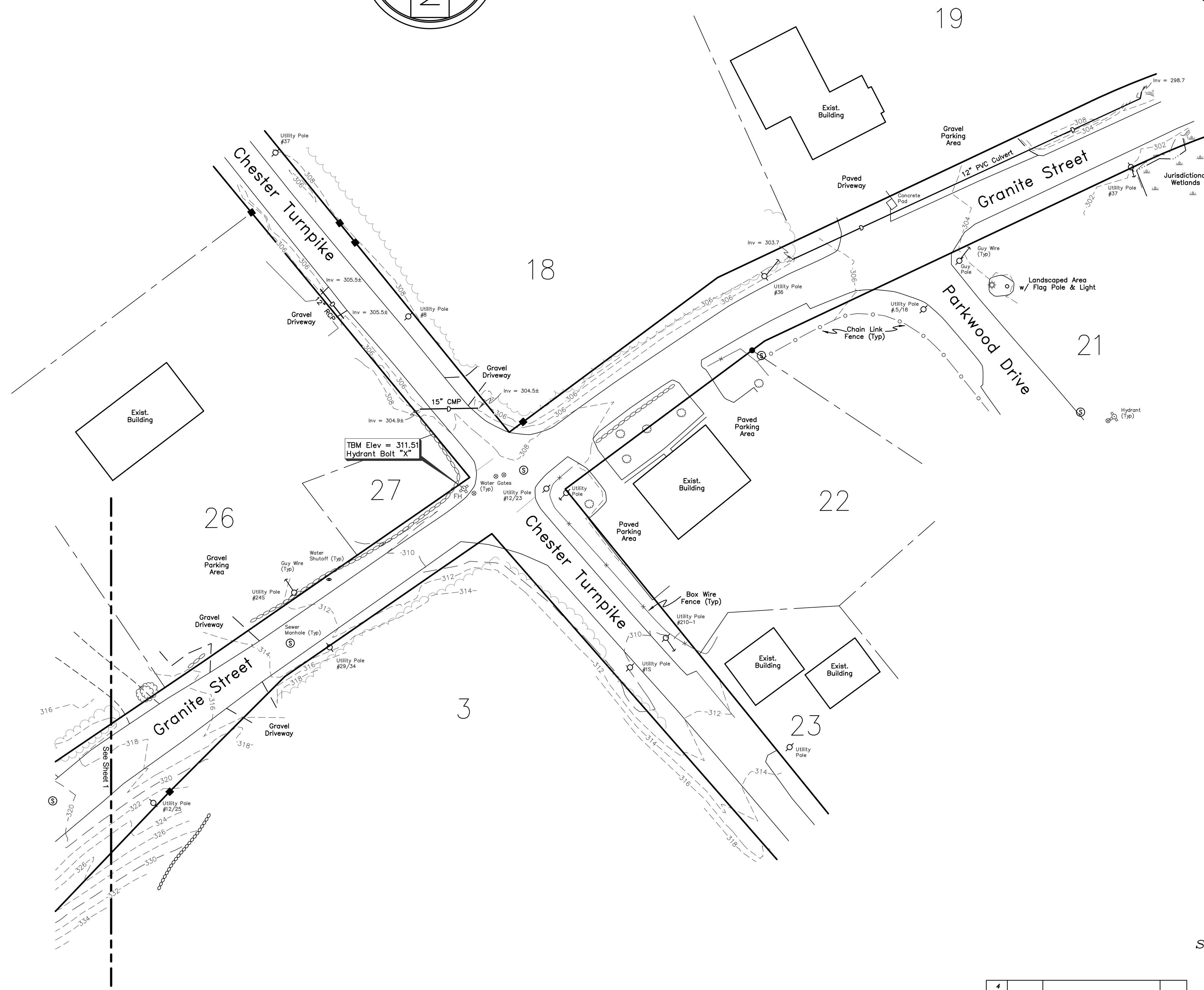
LEGEND:

- CB Catch Basin
- FH Fire Hydrant
- FP Flag Pole
- MH Manhole
- TS Traffic Signal
- ⊕ Utility Pole
- 205 — Existing Contour
- × 319.6 Existing Spot Grade

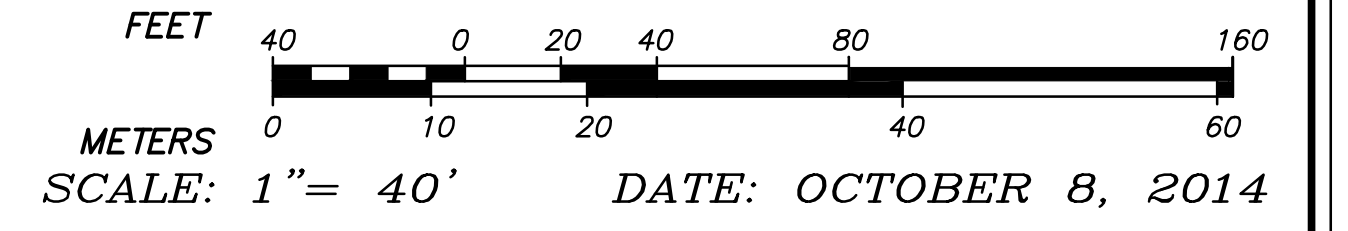


Notes:

- 1.) The purpose of this plan is to depict the existing conditions of the subject area and is not a boundary survey.
- 2.) The location of underground utilities are not shown. David W. Vincent, LLS does not warrant or guarantee the location of all utilities depicted or not depicted on this plan. The contractor or design engineer, prior to the commencement of any construction, shall verify the location of all utilities and contact DIGSAFE at 1-888-344-7233 OR DIAL 811.
- 3.) Existing conditions represented on this plan as shown on an electronic existing conditions plan prepared by Eastern Topographics of Wolfeboro, NH, as was captured on April 19, 2008, provided by Haight Engineering, PLLC. The existing conditions shown between the southwest corner of Lot 26 and the entrance to Parkwood Drive was field located between April 10, 2014 and June 12, 2014. The contractor or design engineer shall notify Haight Engineering, PLLC, if any conditions are contrary to those depicted on this plan.
- 4.) Vertical Datum: USGS of 1929.



EXISTING CONDITIONS PLAN
 PREPARED FOR
TOWN OF ALLENSTOWN
 LOCATED AT
ALLENSTOWN ROAD, GRANITE STREET
& CHESTER TURNPIKE
 COUNTY OF MERRIMACK
ALLENSTOWN, NH



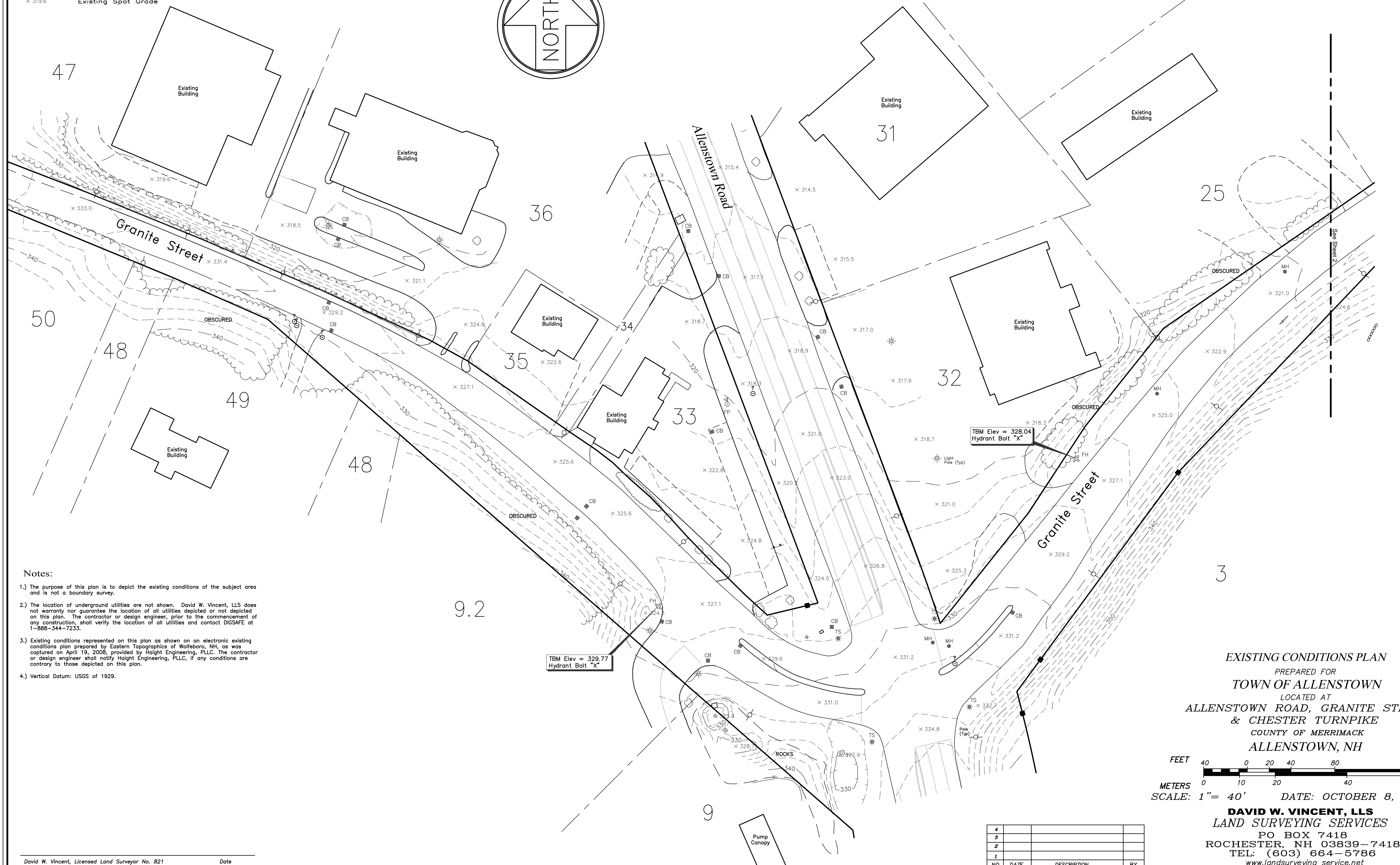
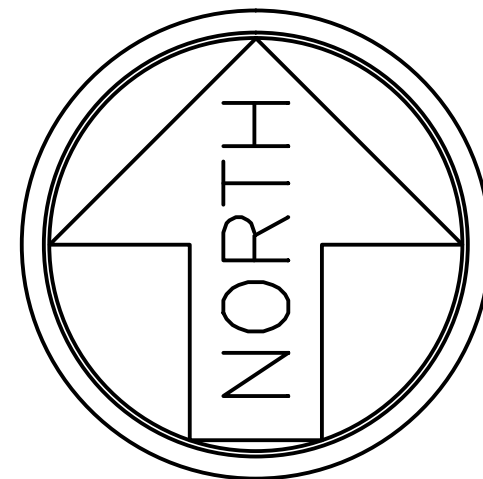
DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
 PO BOX 7418
 ROCHESTER, NH 03839-7418
 TEL: (603) 664-5786
 www.landsurveying-service.net

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			

David W. Vincent, Licensed Land Surveyor No. 821 Date

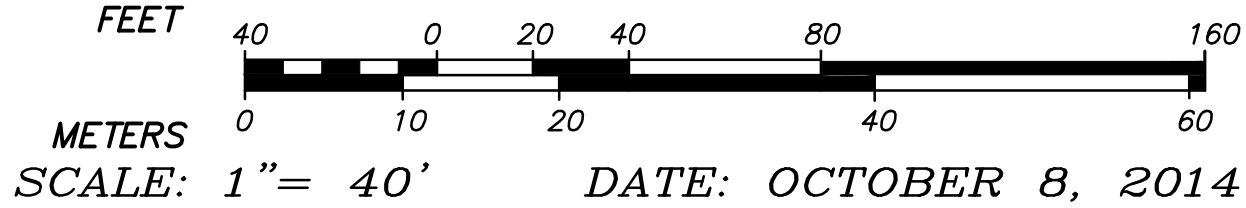
LEGEND:

- CB Catch Basin
- FH Fire Hydrant
- FP Flag Pole
- MH Manhole
- TS Traffic Signal
- U Utility Pole
- Existing Contour
- x Existing Spot Grade



- Notes:**
- 1.) The purpose of this plan is to depict the existing conditions of the subject area and is not a boundary survey.
 - 2.) The location of underground utilities are not shown. David W. Vincent, LLS does not warranty nor guarantee the location of all utilities depicted or not depicted on this plan. The contractor or design engineer, prior to the commencement of any construction, shall verify the location of all utilities and contact DIGSAFE at 1-888-344-7233.
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 - 4.) Vertical Datum: USGS of 1929.

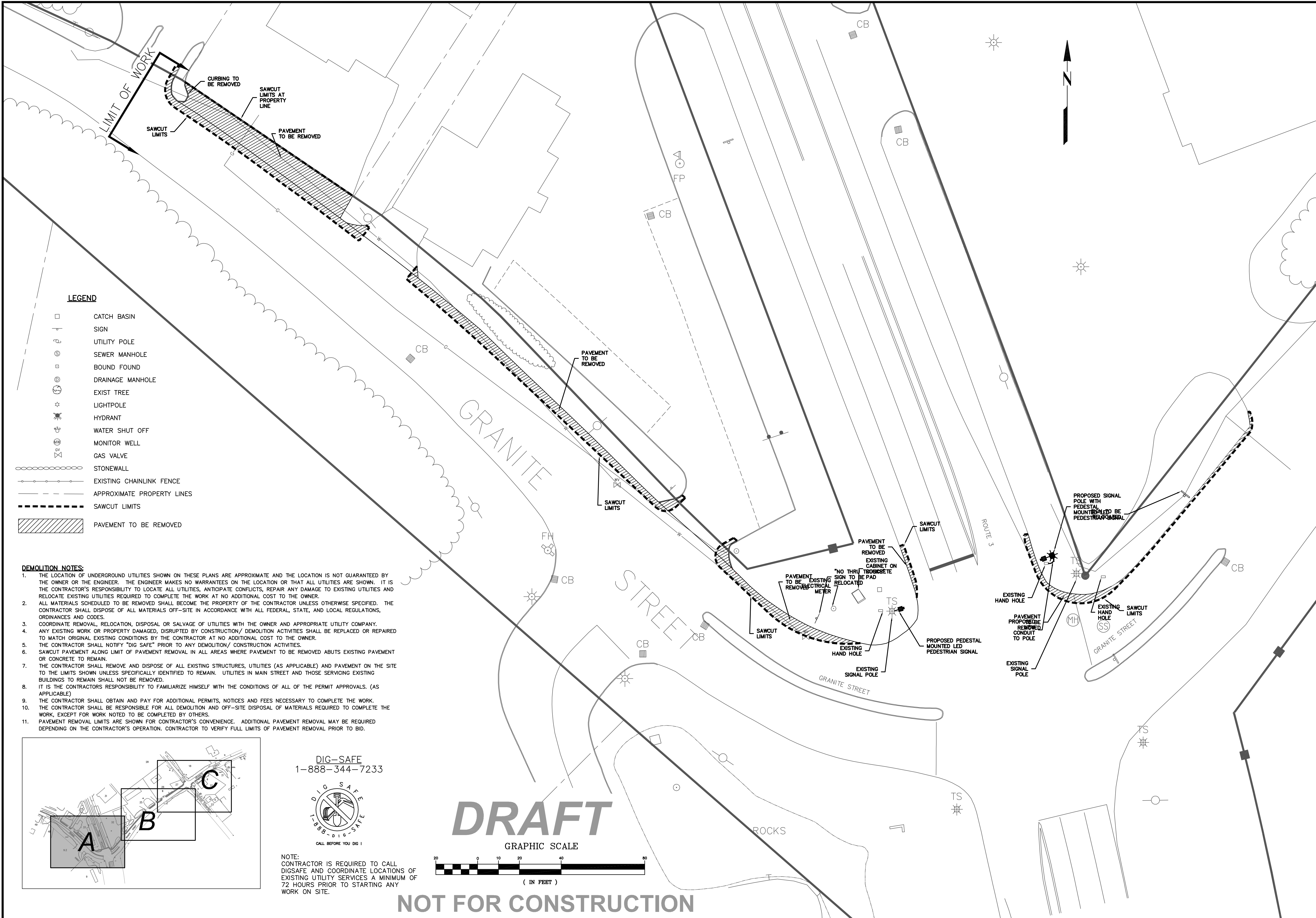
EXISTING CONDITIONS PLAN
 PREPARED FOR
TOWN OF ALLENSTOWN
 LOCATED AT
ALLENSTOWN ROAD, GRANITE STREET
& CHESTER TURNPIKE
 COUNTY OF MERRIMACK
ALLENSTOWN, NH



DAVID W. VINCENT, LLS
LAND SURVEYING SERVICES
 PO BOX 7418
 ROCHESTER, NH 03839-7418
 TEL: (603) 664-5786
 www.landurveying-service.net

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			

David W. Vincent, Licensed Land Surveyor No. 821 Date

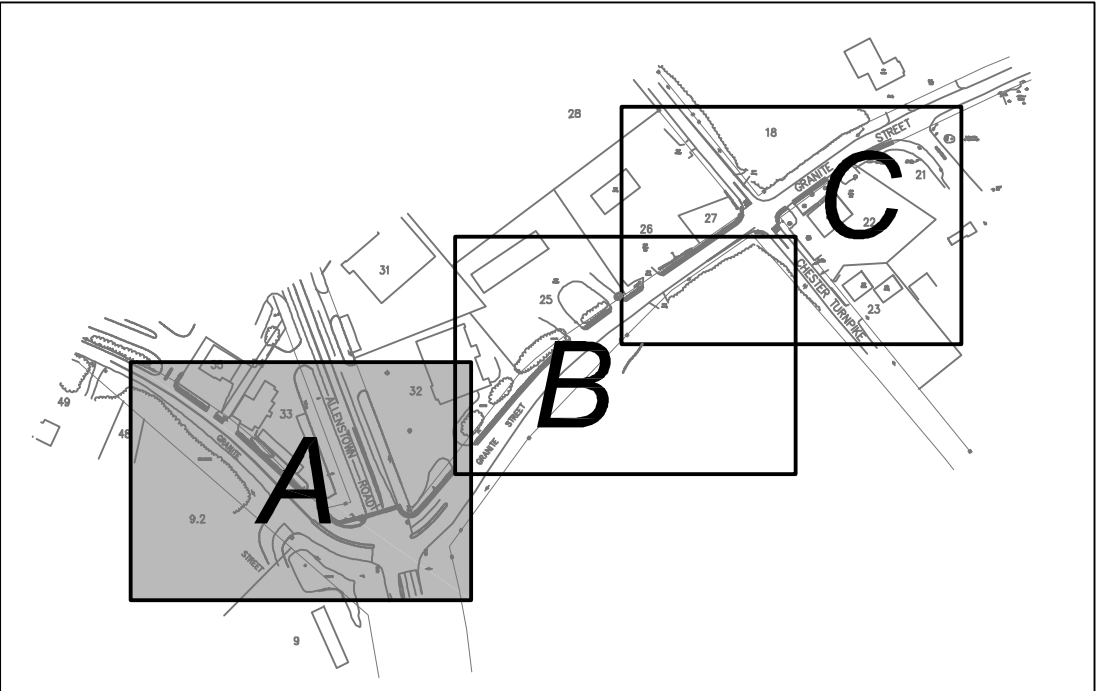


LEGEND

- CATCH BASIN
- SIGN
- UTILITY POLE
- SEWER MANHOLE
- BOUND FOUND
- DRAINAGE MANHOLE
- EXIST TREE
- LIGHTPOLE
- HYDRANT
- WATER SHUT OFF
- MONITOR WELL
- GAS VALVE
- STONEWALL
- EXISTING CHAINLINK FENCE
- APPROXIMATE PROPERTY LINES
- SAWCUT LIMITS
- PAVEMENT TO BE REMOVED

DEMOLITION NOTES:

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND THE LOCATION IS NOT GUARANTEED BY THE OWNER OR THE ENGINEER. THE ENGINEER MAKES NO WARRANTIES ON THE LOCATION OR THAT ALL UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR ANY DAMAGE TO EXISTING UTILITIES AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE OWNER.
2. ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND CODES.
3. COORDINATE REMOVAL, RELOCATION, DISPOSAL OR SALVAGE OF UTILITIES WITH THE OWNER AND APPROPRIATE UTILITY COMPANY.
4. ANY EXISTING WORK OR PROPERTY DAMAGED, DISRUPTED BY CONSTRUCTION/ DEMOLITION ACTIVITIES SHALL BE REPLACED OR REPAIRED TO MATCH ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL NOTIFY "DIG SAFE" PRIOR TO ANY DEMOLITION/ CONSTRUCTION ACTIVITIES.
6. SAWCUT PAVEMENT ALONG LIMIT OF PAVEMENT REMOVAL IN ALL AREAS WHERE PAVEMENT TO BE REMOVED ABUTS EXISTING PAVEMENT OR CONCRETE TO REMAIN.
7. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, UTILITIES (AS APPLICABLE) AND PAVEMENT ON THE SITE TO THE LIMITS SHOWN UNLESS SPECIFICALLY IDENTIFIED TO REMAIN. UTILITIES IN MAIN STREET AND THOSE SERVING EXISTING BUILDINGS TO REMAIN SHALL NOT BE REMOVED.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE CONDITIONS OF ALL OF THE PERMIT APPROVALS. (AS APPLICABLE)
9. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ADDITIONAL PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND OFF-SITE DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE WORK, EXCEPT FOR WORK NOTED TO BE COMPLETED BY OTHERS.
11. PAVEMENT REMOVAL LIMITS ARE SHOWN FOR CONTRACTOR'S CONVENIENCE. ADDITIONAL PAVEMENT REMOVAL MAY BE REQUIRED DEPENDING ON THE CONTRACTOR'S OPERATION. CONTRACTOR TO VERIFY FULL LIMITS OF PAVEMENT REMOVAL PRIOR TO BID.



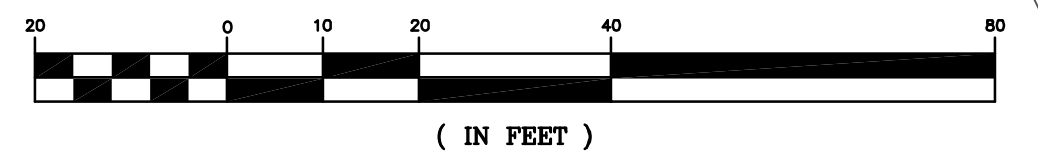
DIG-SAFE
1-888-344-7233



NOTE:
CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

DRAFT

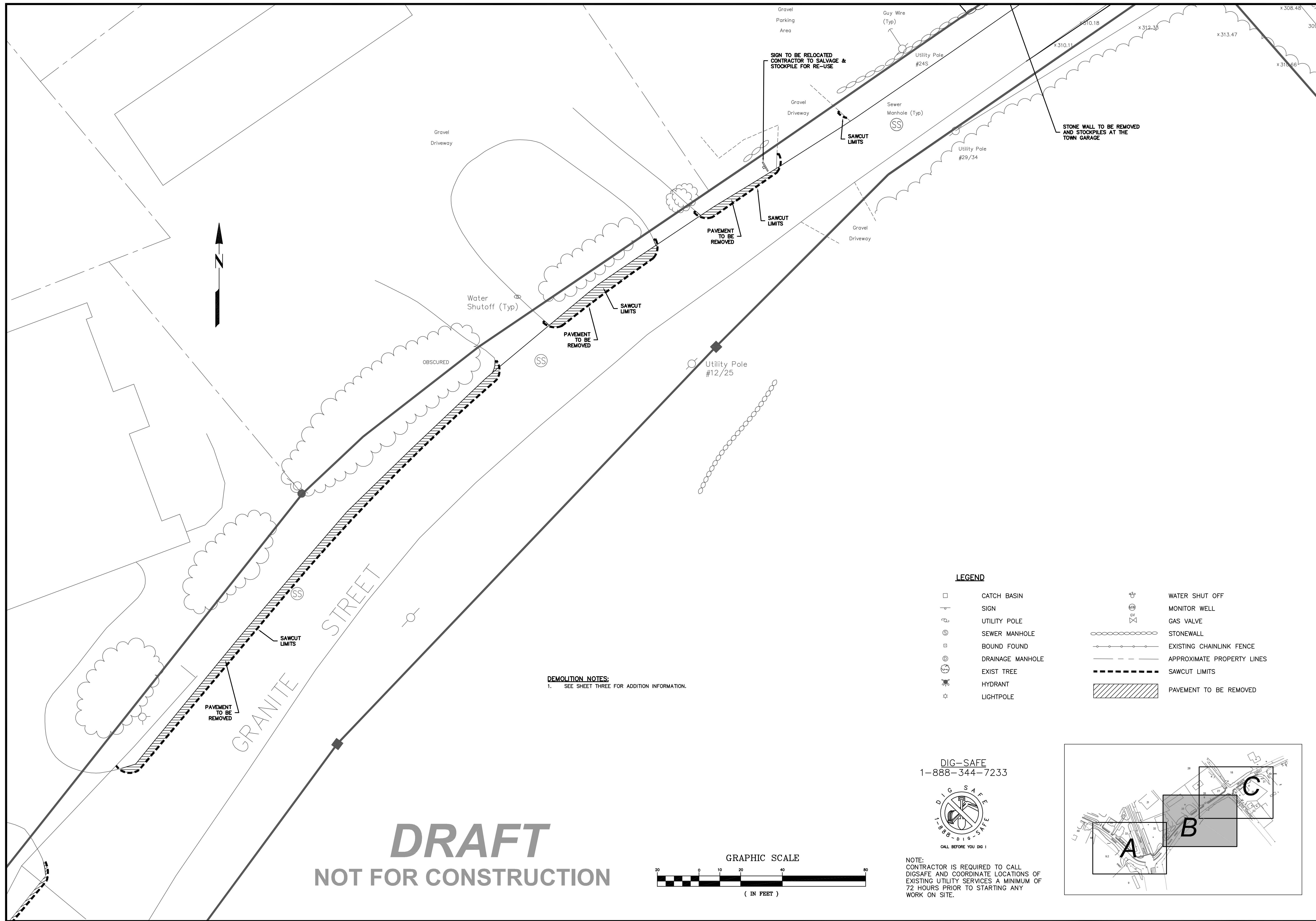
GRAPHIC SCALE



(IN FEET)

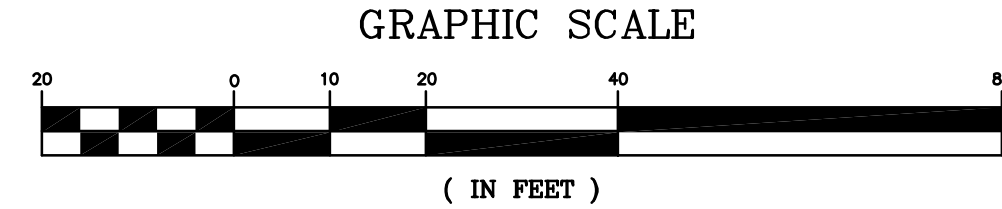
NOT FOR CONSTRUCTION

<p>HAYCH ENGINEERING, PLLC CIVIL ENGINEERS 1000 WATSON ROAD DOVER, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348</p>	
DATE	10-7-14
SCALE	10'=60'
DRAWN BY	SRD
DESIGN BY	SRD
APPROVED BY	SRD
PROJECT NO.	0928
FILE/SITE.DWG	NO.
REVISION	NO.
APP'D	DATE
<p>DEMOLITION PLAN - A</p>	
<p>SPTS PROJECT #15991 FEDERAL PROJECT #X-0001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MERRIMACK COUNTY</p>	
<p>TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275</p>	
<p>3</p>	



DRAFT
NOT FOR CONSTRUCTION

DEMOLITION NOTES:
1. SEE SHEET THREE FOR ADDITION INFORMATION.



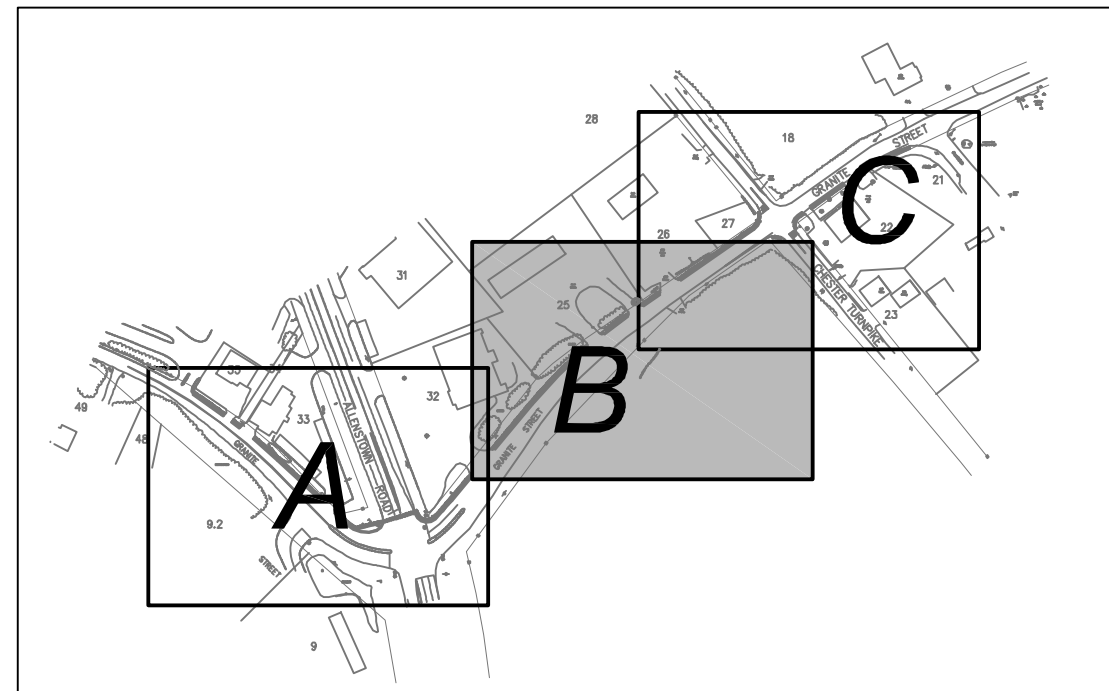
DIG-SAFE
1-888-344-7233



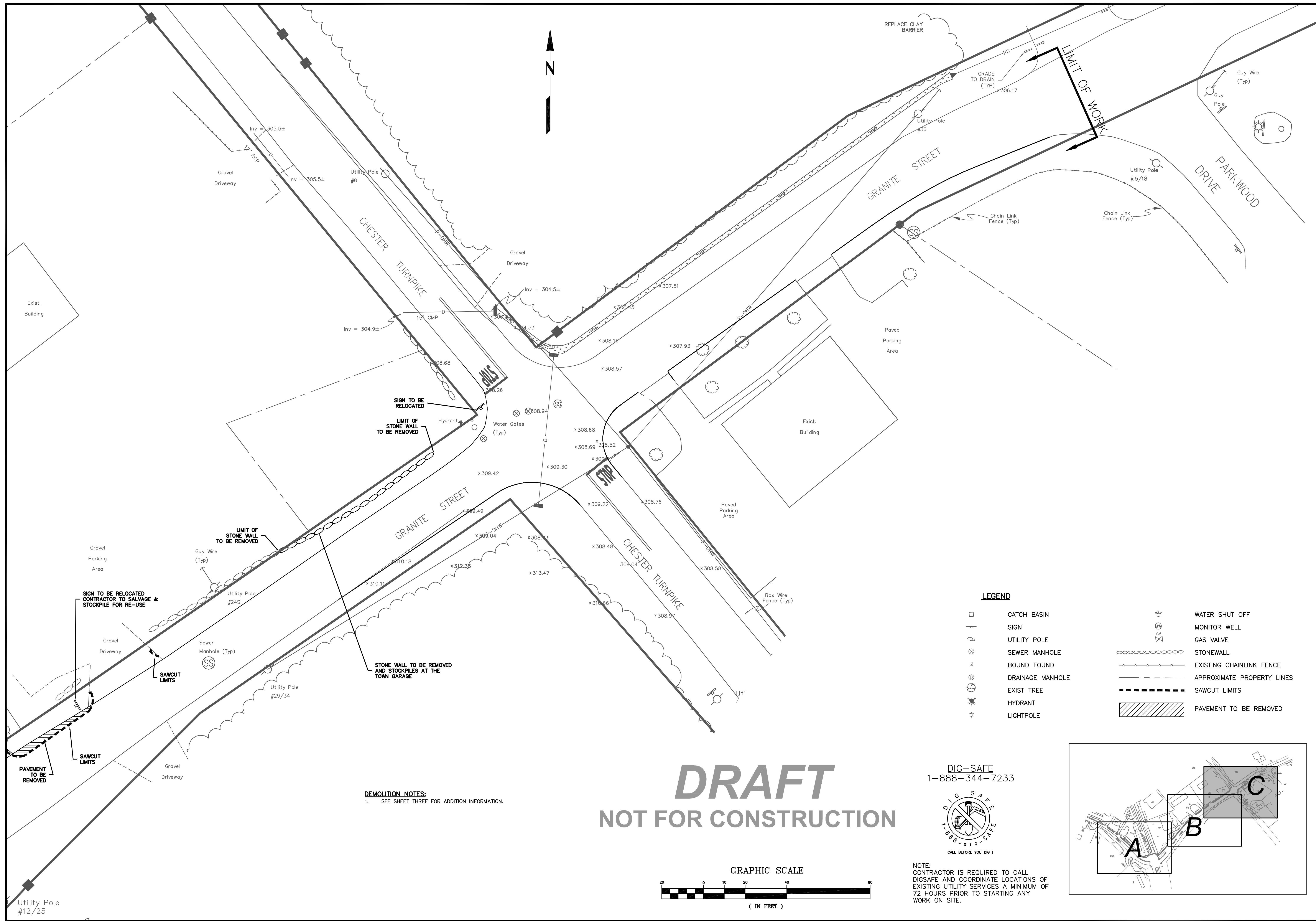
NOTE:
CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

LEGEND

- CATCH BASIN
- ⊕ SIGN
- ⊕ UTILITY POLE
- ⊕ SEWER MANHOLE
- ⊕ BOUND FOUND
- ⊕ DRAINAGE MANHOLE
- ⊕ EXIST TREE
- ⊕ HYDRANT
- ⊕ LIGHTPOLE
- ⊕ WATER SHUT OFF
- ⊕ MONITOR WELL
- ⊕ GAS VALVE
- ⊕ STONEWALL
- ⊕ EXISTING CHAINLINK FENCE
- ⊕ APPROXIMATE PROPERTY LINES
- ⊕ SAWCUT LIMITS
- ⊕ PAVEMENT TO BE REMOVED

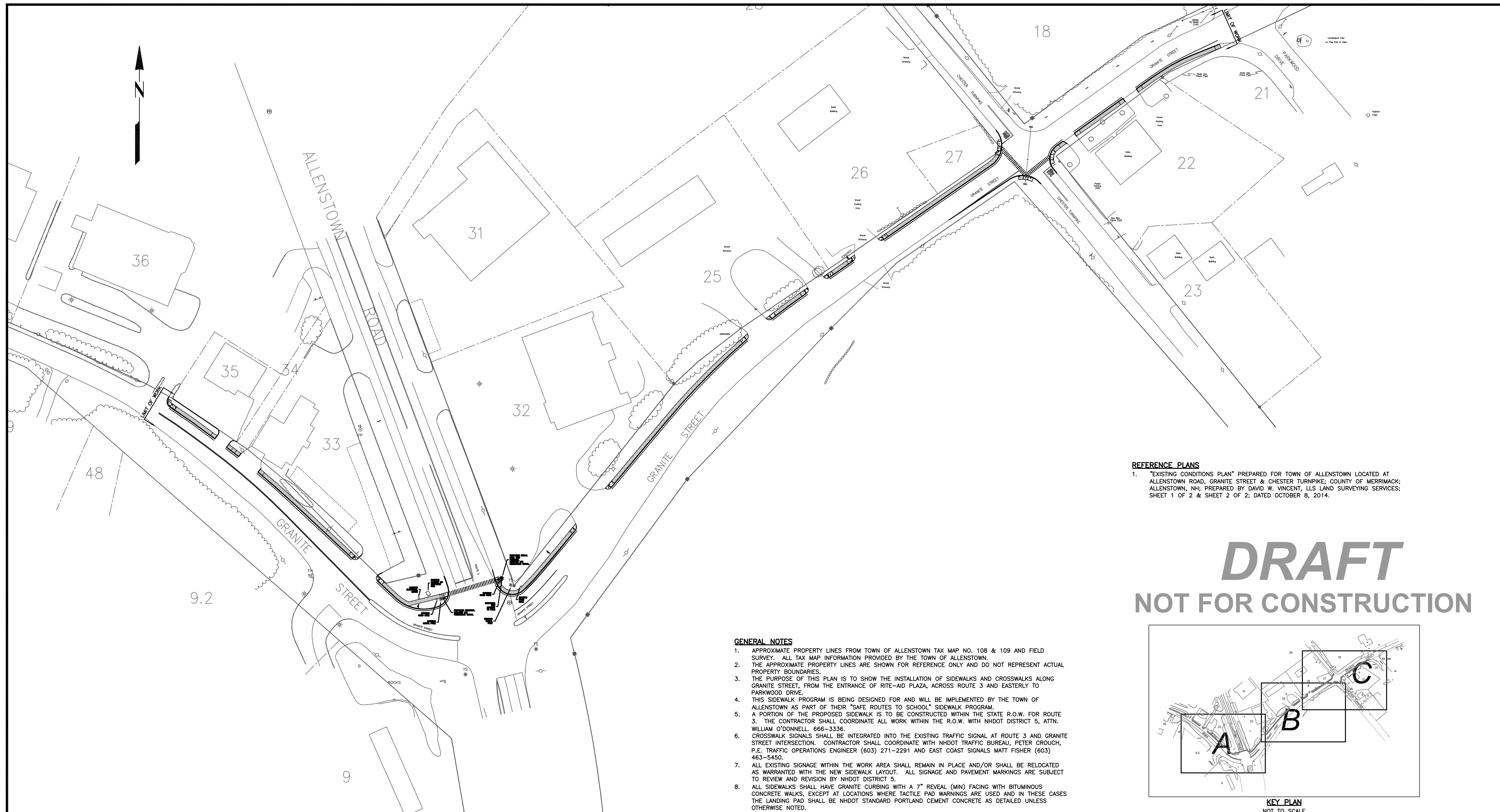


HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 16 SCHOOL STREET ALLENSTOWN, NH 03275 603.750.4866 FAX 603.749.7348	
DATE: 10-7-14	NO.
SCALE: 10'=60'	NO.
DRAWN BY: SRD	NO.
DESIGN BY: SRD	NO.
APPROVED BY: SJH	NO.
PROJECT NO: 0928	NO.
FILE: SITE.DWG	NO.
REVISION	APP'D
DATE	DATE
DEMOLITION PLAN - B SRTS PROJECT #15991 FEDERAL PROJECT #X-A001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MEERIMACK COUNTY	
TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275	
4	



HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 1000 WATSON ROAD DOVER, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348	
DATE: 10-7-14	NO.
SCALE: 10'=60'	REVISION
DRAWN BY: SRD	APP'D
DESIGN BY: SRD	DATE
APPROVED BY: SJH	
PROJECT NO: 0928	
FILE: SITE.DWG	
DEMOLITION PLAN - C	
SRIS PROJECT #15991 FEDERAL PROJECT #X-4001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MERRIMACK COUNTY	
5	

TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275



REFERENCE PLANS
 1. "EXISTING CONDITIONS PLAN" PREPARED FOR TOWN OF ALLENTOWN LOCATED AT ALLENTOWN ROAD, GRANITE STREET & CHESTER TURNPIKE, COUNTY OF MERRIMACK, ALLENTOWN, NH; PREPARED BY DAVID W. VINCENT, LLS LAND SURVEYING SERVICES; SHEET 1 OF 2 & SHEET 2 OF 2; DATED OCTOBER 8, 2014.

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NOT FOR CONSTRUCTION

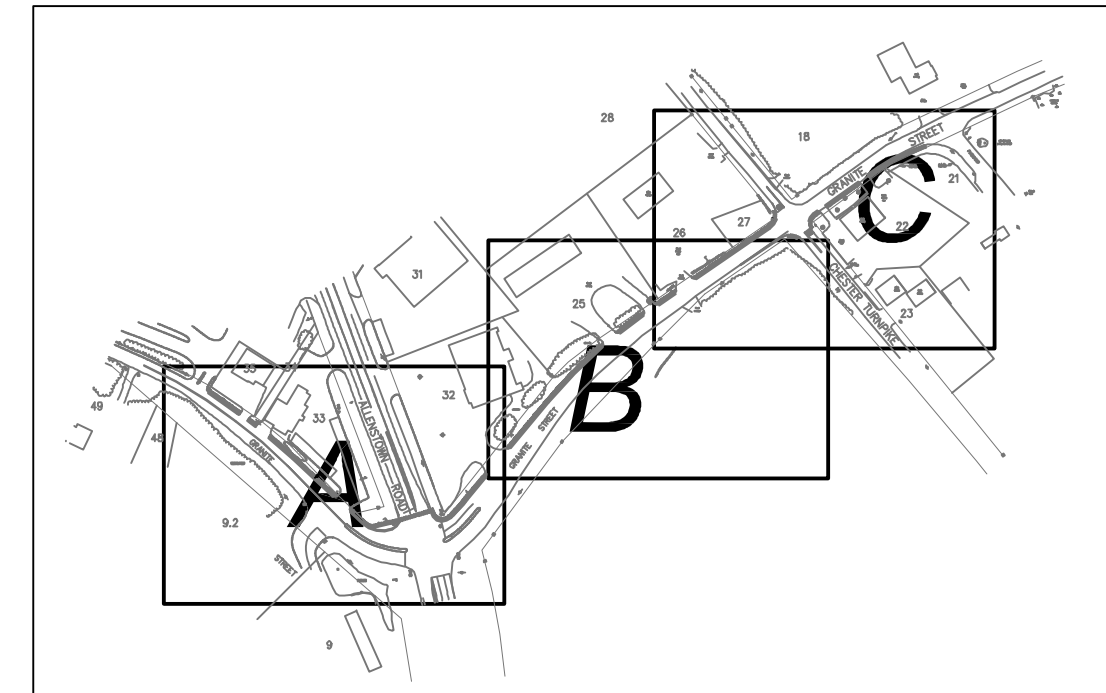
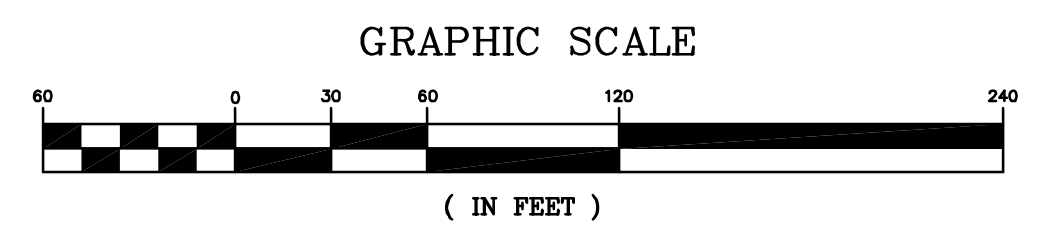
- GENERAL NOTES**
- APPROXIMATE PROPERTY LINES FROM TOWN OF ALLENTOWN TAX MAP NO. 108 & 109 AND FIELD SURVEY. ALL TAX MAP INFORMATION PROVIDED BY THE TOWN OF ALLENTOWN.
 - THE APPROXIMATE PROPERTY LINES ARE SHOWN FOR REFERENCE ONLY AND DO NOT REPRESENT ACTUAL PROPERTY BOUNDARIES.
 - THE PURPOSE OF THIS PLAN IS TO SHOW THE INSTALLATION OF SIDEWALKS AND CROSSWALKS ALONG GRANITE STREET, FROM THE ENTRANCE OF RITE-AID PLAZA, ACROSS ROUTE 3 AND EASTERLY TO PARKWOOD DRIVE.
 - THIS SIDEWALK PROGRAM IS BEING DESIGNED FOR AND WILL BE IMPLEMENTED BY THE TOWN OF ALLENTOWN AS PART OF THEIR "SAFE ROUTES TO SCHOOL" SIDEWALK PROGRAM.
 - A PORTION OF THE PROPOSED SIDEWALK IS TO BE CONSTRUCTED WITHIN THE STATE R.O.W. FOR ROUTE 3. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE R.O.W. WITH NHDOT DISTRICT 5, ATTN. WILLIAM O'DONNELL, 666-3336.
 - CROSSWALK SIGNALS SHALL BE INTEGRATED INTO THE EXISTING TRAFFIC SIGNAL AT ROUTE 3 AND GRANITE STREET INTERSECTION. CONTRACTOR SHALL COORDINATE WITH NHDOT TRAFFIC BUREAU, PETER CROUCH, P.E. TRAFFIC OPERATIONS ENGINEER (603) 271-2291 AND EAST COAST SIGNALS MATT FISHER (603) 463-5450.
 - ALL EXISTING SIGNAGE WITHIN THE WORK AREA SHALL REMAIN IN PLACE AND/OR SHALL BE RELOCATED AS WARRANTED WITH THE NEW SIDEWALK LAYOUT. ALL SIGNAGE AND PAVEMENT MARKINGS ARE SUBJECT TO REVIEW AND REVISION BY NHDOT DISTRICT 5.
 - ALL SIDEWALKS SHALL HAVE GRANITE CURBING WITH A 7" REVEAL (MIN) FACING WITH BITUMINOUS CONCRETE WALKS, EXCEPT AT LOCATIONS WHERE TACTILE PAD WARNINGS ARE USED AND IN THESE CASES THE LANDING PAD SHALL BE NHDOT STANDARD PORTLAND CEMENT CONCRETE AS DETAILED UNLESS OTHERWISE NOTED.
 - THE GRANITE STREET AND CHESTER TURNPIKE STATIONING SHOWN HEREON IS FOR SIDEWALK LAYOUT PURPOSES ONLY AND IS NOT & DOES NOT CONSTITUTE THE ROADWAY LAYOUT OF GRANITE STREET AND CHESTER TURNPIKE.
 - THE GRANITE STREET STATIONING SHOWN HEREON IS ESTABLISHED FROM NHDOT "PLANS OF PROPOSED FEDERAL AID HAZARD ELIMINATION PROJECT" US RTE. 3/NH RTE28 INTERSECTION WITH GRANITE STREET, DATED MAY 5, 1992.
 - CENTERLINE AND FOG LINES SHALL BE YELLOW TRAFFIC PAINT. STOP BARS AND CROSSWALKS SHALL BE WHITE TRAFFIC PAINT AND SHALL MEET THE REQUIREMENTS OF AASHTO M28-TYPE F, UNLESS OTHERWISE NOTED.
 - STATIONING SHALL BE ESTABLISHED BY A NH LICENSED SURVEYOR.
 - ALL PAVEMENT MARKINGS AND SIGNS TO CONFORM TO "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS", LATEST EDITIONS AND THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS.
 - SEE DETAILS FOR SIGNS AND SIGN POST.
 - STOP BARS SHALL BE 18" WIDE SOLID WHITE LINES.
 - CONTRACTOR SHALL CONTACT DIG-SAFE A MINIMUM OF 72 HOURS PRIOR TO THE START OF ANY WORK. (1-888-344-7233)

- NOTES**
- CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS, LATEST REVISION, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS EXCEPT THAT PAYMENT SHALL BE LUMP SUM. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND BEING FAMILIAR WITH THE REQUIRED STANDARD SPECIFICATIONS AND PLANS.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ASSURING THAT THE PROJECT IS CONSTRUCTED USING ONLY THE APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR AND SUBCONTRACTORS SHALL ONLY WORK FROM A COMPLETE SET OF PLANS.
 - ADJUSTING, ALTERING OR RELOCATING THE PROPERTY OF ANY PUBLIC UTILITY SHALL BE COORDINATED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITIES IN THE PERFORMANCE OF THEIR WORK.
 - DRIVES SHALL BE REPLACED IN KIND EXCEPT THOSE WHERE DRIVES HAVE BEEN STEEPENED TO THE EXTENT THAT A MORE STABLE SURFACE IS WARRANTED. ALL GRAVEL DRIVES SHALL BE CONSTRUCTED WITH A 5' PAVED APRON ADJACENT TO THE SHOULDER.
 - THE CONTRACTOR SHALL ADJUST ALL CATCH BASINS, DROP INLETS AND FRAMES AND GRATES/COVERS AS NEEDED TO MATCH THE NEW PAVEMENT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO GRADE THE SHOULDERS TO DRAIN. CURB LINE RUNOFF SHALL NOT BE ALLOWED TO PUDDLE OR RUN INTO DRIVEWAYS AND ONTO PRIVATE PROPERTY. A 2" PAVED LIP SHALL BE CONSTRUCTED ACROSS ALL DRIVES AT THE CURB LINE TO MAINTAIN RUNOFF FLOW IN THE ROADWAY.
 - ALL WORK ON THIS PROJECT UNLESS OTHERWISE SHOWN ON THE PLANS OR ORDERED BY THE TOWN SHALL BE CONSTRUCTED WITHIN THE EXISTING ROW.
 - NO EXISTING MONUMENTS, BOUNDS, BENCHMARKS OR OTHER MARKERS SHALL BE DISTURBED. RESTORATION OF DISTURBED ITEMS SHALL BE AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.
 - ALL PAVEMENT CUT LINES SHALL BE SAWCUT NEAT, CLEAN AND STRAIGHT. ALL VERTICAL, DIAGONAL AND/OR HORIZONTAL PAVED SURFACES SHALL RECEIVE A LIBERAL BITUMINOUS TACK COAT IMMEDIATELY BEFORE NEW HOT BITUMINOUS PAVEMENT IS PLACED.
 - ADJUST ALL CATCHBASIN FRAMES AND GRATES AND CURB BOXES ETC... TO FINISH GRADE AS REQUIRED.

DIG-SAFE
 1-888-344-7233



NOTE:
 CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

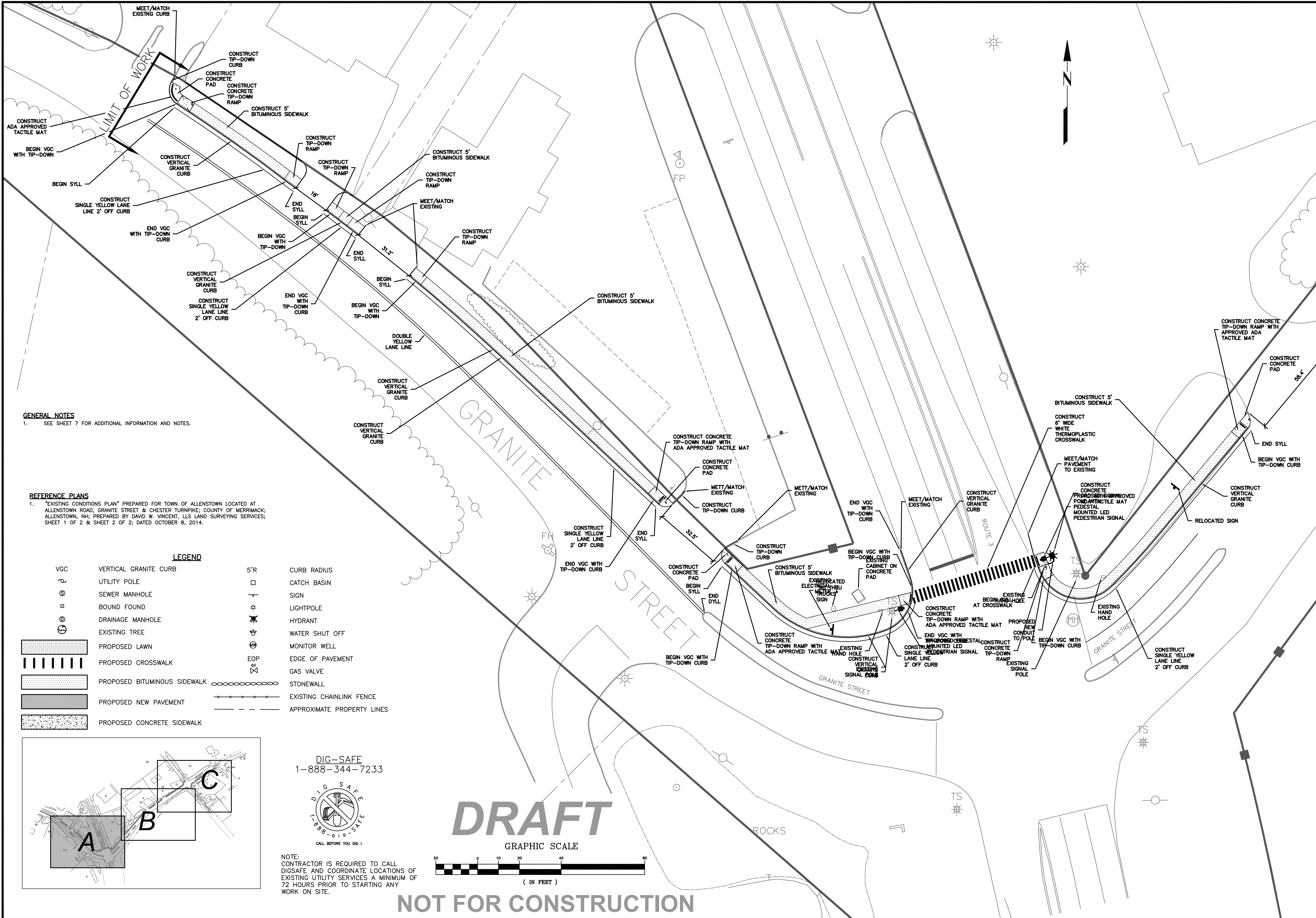


KEY PLAN
 NOT TO SCALE

LEGEND

- | | | | |
|--|------------------|--|----------------------------|
| | CATCH BASIN | | WATER SHUT OFF |
| | SIGN | | MONITOR WELL |
| | UTILITY POLE | | GAS VALVE |
| | SEWER MANHOLE | | STONEWALL |
| | BOUND FOUND | | EXISTING CHAINLINK FENCE |
| | DRAINAGE MANHOLE | | APPROXIMATE PROPERTY LINES |
| | EXISTING TREE | | |
| | HYDRANT | | |
| | LIGHTPOLE | | |

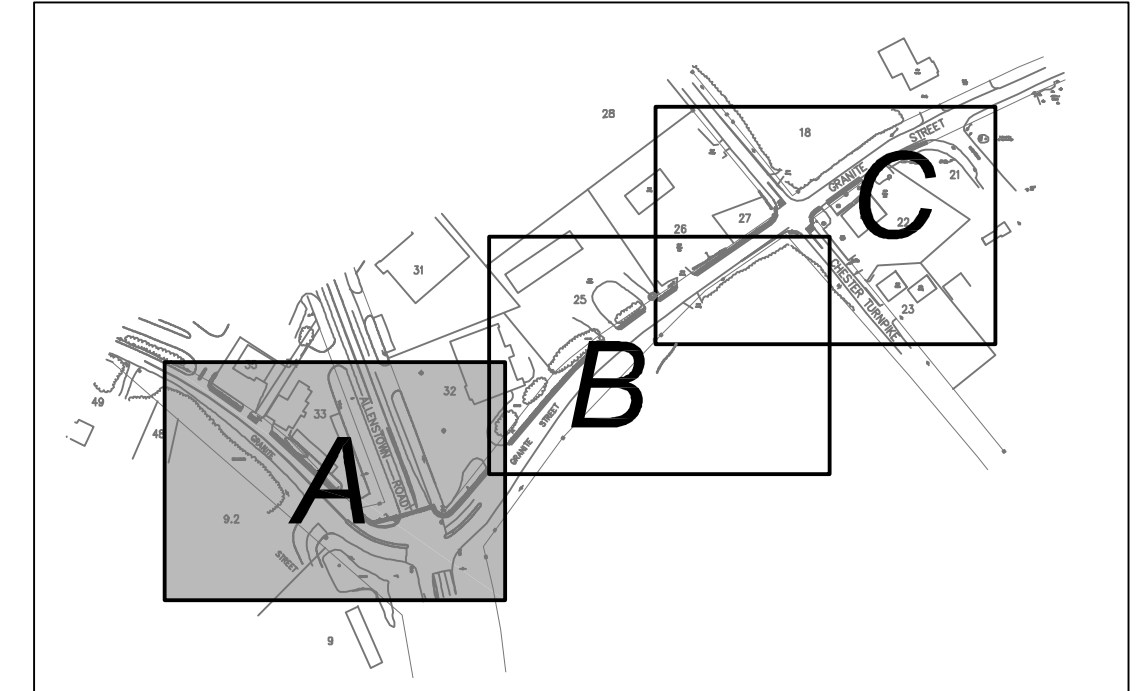
HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 16 SCHOOL STREET ALLENTOWN, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348										
DATE: 10-7-14	SCALE: 10'=60'	DRAWN BY: SRD	DESIGN BY: SRD	APPROVED BY: SJH	PROJECT NO: 0928	FILE: SITE.DWG	NO.	REVISION	APP'D	DATE
OVERALL SITE PLAN										
TOWN OF ALLENTOWN 16 SCHOOL STREET, ALLENTOWN, NH 03275										
SRFS PROJECT #15991 FEDERAL PROJECT #X-0001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENTOWN, NH 03275 MERRIMACK COUNTY										
6										



GENERAL NOTES
 1. SEE SHEET 7 FOR ADDITIONAL INFORMATION AND NOTES.

REFERENCE PLANS
 1. "EXISTING CONDITIONS PLAN" PREPARED FOR TOWN OF ALLENTOWN LOCATED AT ALLENTOWN ROAD, GRANITE STREET & CHESTER TURNPIKE; COUNTY OF MERRIMACK; ALLENTOWN, NH; PREPARED BY DAVID W. VINCENT, LLS LAND SURVEYING SERVICES; SHEET 1 OF 2 & SHEET 2 OF 2; DATED OCTOBER 8, 2014.

LEGEND	
VGC	VERTICAL GRANITE CURB
UP	UTILITY POLE
SM	SEWER MANHOLE
BF	BOUND FOUND
DM	DRAINAGE MANHOLE
ET	EXISTING TREE
PL	PROPOSED LAWN
CC	PROPOSED CROSSWALK
BS	PROPOSED BITUMINOUS SIDEWALK
NP	PROPOSED NEW PAVEMENT
CS	PROPOSED CONCRETE SIDEWALK
5'R	CURB RADIUS
CB	CATCH BASIN
S	SIGN
LP	LIGHTPOLE
H	HYDRANT
WS	WATER SHUT OFF
MW	MONITOR WELL
EOP	EDGE OF PAVEMENT
GV	GAS VALVE
ST	STONEWALL
ECF	EXISTING CHAINLINK FENCE
APL	APPROXIMATE PROPERTY LINES



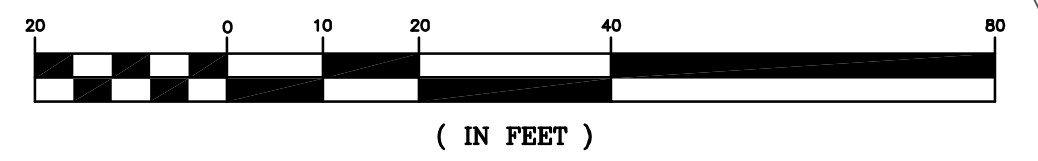
DIG-SAFE
 1-888-344-7233



NOTE:
 CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

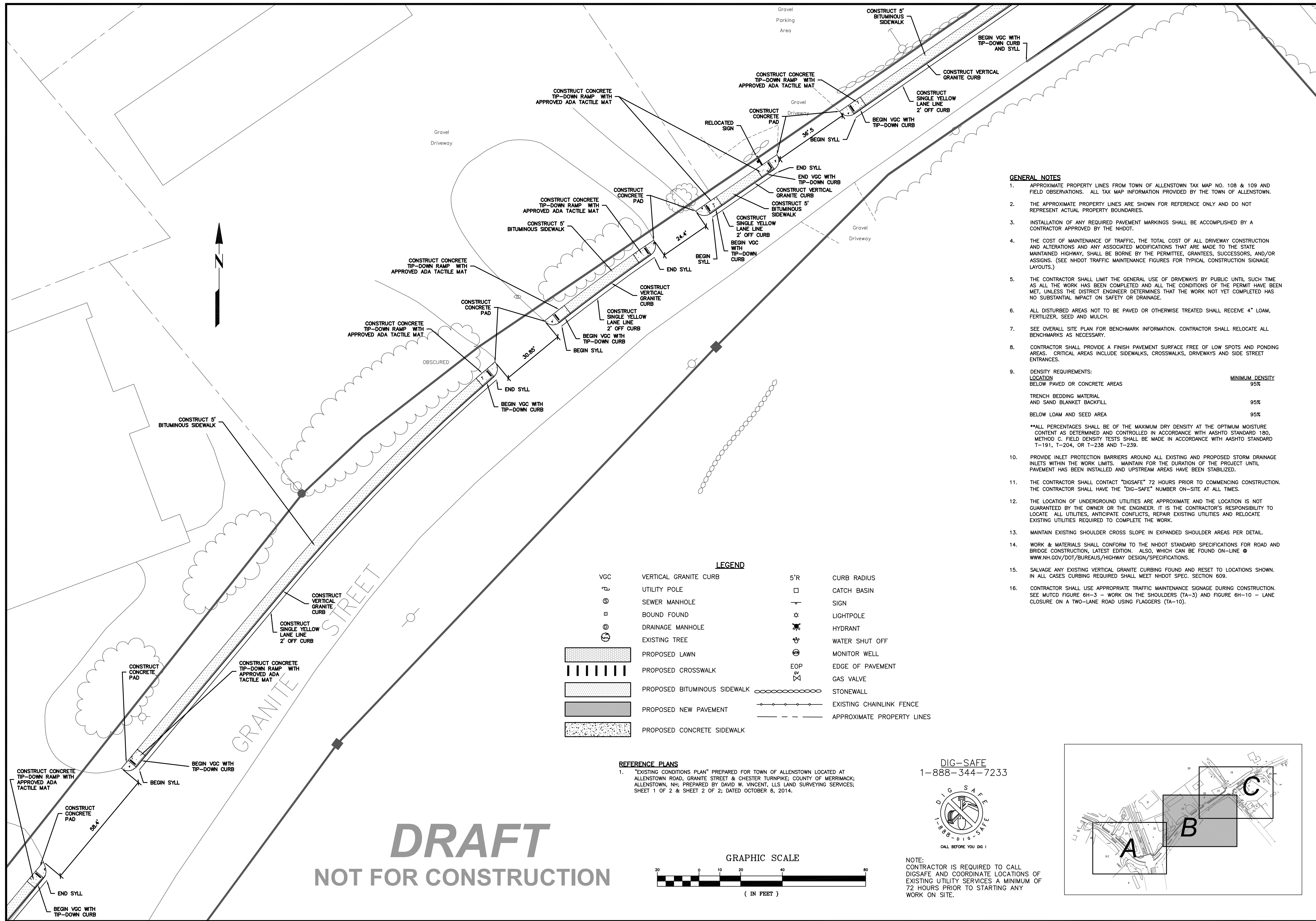
DRAFT

GRAPHIC SCALE



NOT FOR CONSTRUCTION

HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 1000 WATSON ROAD DOVER, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348	
DATE: 10-7-14	NO.
SCALE: 10"=60'	NO.
DRAWN BY: SRD	REVISION
DESIGN BY: SRD	APP'D
APPROVED BY: SJH	DATE
PROJECT NO: 0928	
FILE: SITE.DWG	
TOWN OF ALLENTOWN 16 SCHOOL STREET, ALLENTOWN, NH 03275	
SITE PLAN - A	
SRPS PROJECT #15991 FEDERAL PROJECT #X-4001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENTOWN, NH 03275 MERRIMACK COUNTY	

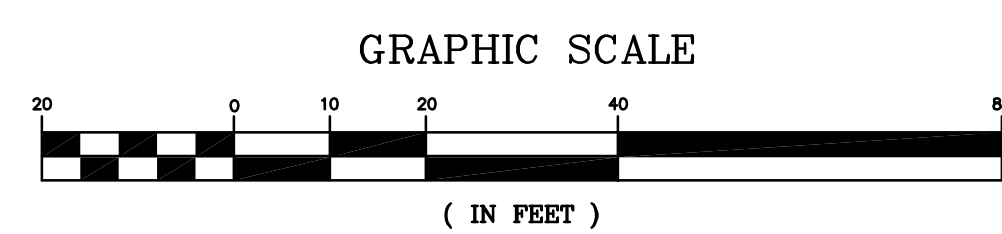


DRAFT
NOT FOR CONSTRUCTION

LEGEND

VGC	VERTICAL GRANITE CURB	5'R	CURB RADIUS
⊙	UTILITY POLE	□	CATCH BASIN
⊙	SEWER MANHOLE	—	SIGN
⊙	BOUND FOUND	☆	LIGHTPOLE
⊙	DRAINAGE MANHOLE	⊙	HYDRANT
⊙	EXISTING TREE	⊙	WATER SHUT OFF
▨	PROPOSED LAWN	⊙	MONITOR WELL
▨	PROPOSED CROSSWALK	EOP	EDGE OF PAVEMENT
▨	PROPOSED BITUMINOUS SIDEWALK	⊗	GAS VALVE
▨	PROPOSED NEW PAVEMENT	—	STONEWALL
▨	PROPOSED CONCRETE SIDEWALK	—	EXISTING CHAINLINK FENCE
		---	APPROXIMATE PROPERTY LINES

REFERENCE PLANS
1. "EXISTING CONDITIONS PLAN" PREPARED FOR TOWN OF ALLENSTOWN LOCATED AT ALLENSTOWN ROAD, GRANITE STREET & CHESTER TURNPIKE, COUNTY OF MERRIMACK; ALLENSTOWN, NH; PREPARED BY DAVID W. VINCENT, LLS LAND SURVEYING SERVICES; SHEET 1 OF 2 & SHEET 2 OF 2; DATED OCTOBER 8, 2014.



DIG-SAFE
1-888-344-7233



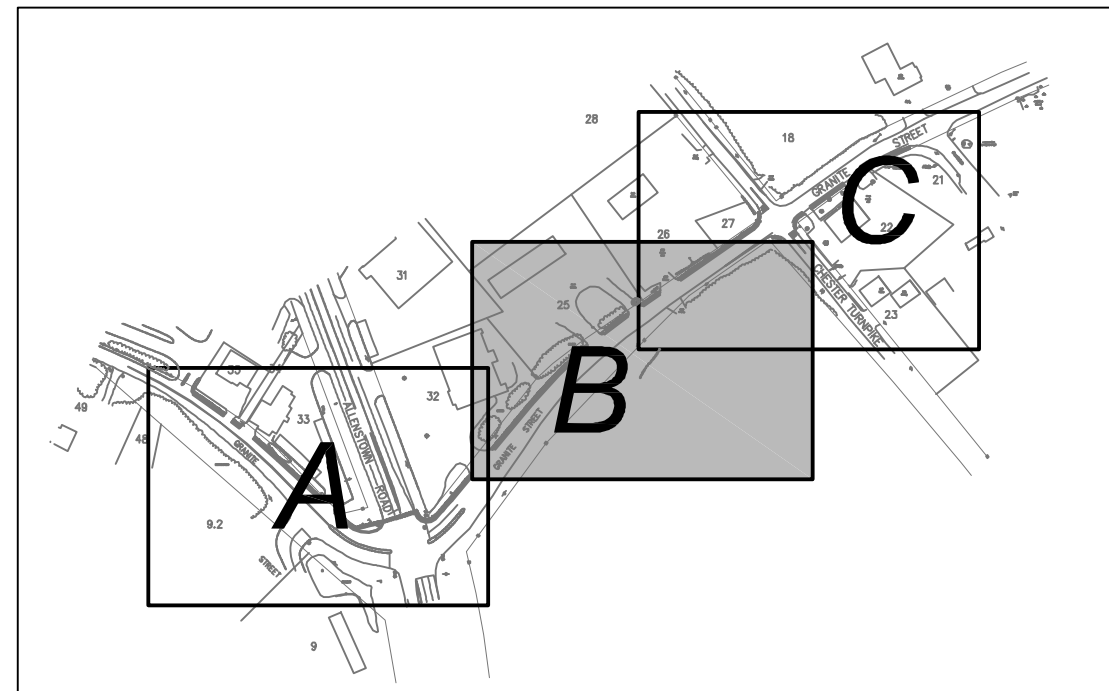
NOTE: CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

GENERAL NOTES

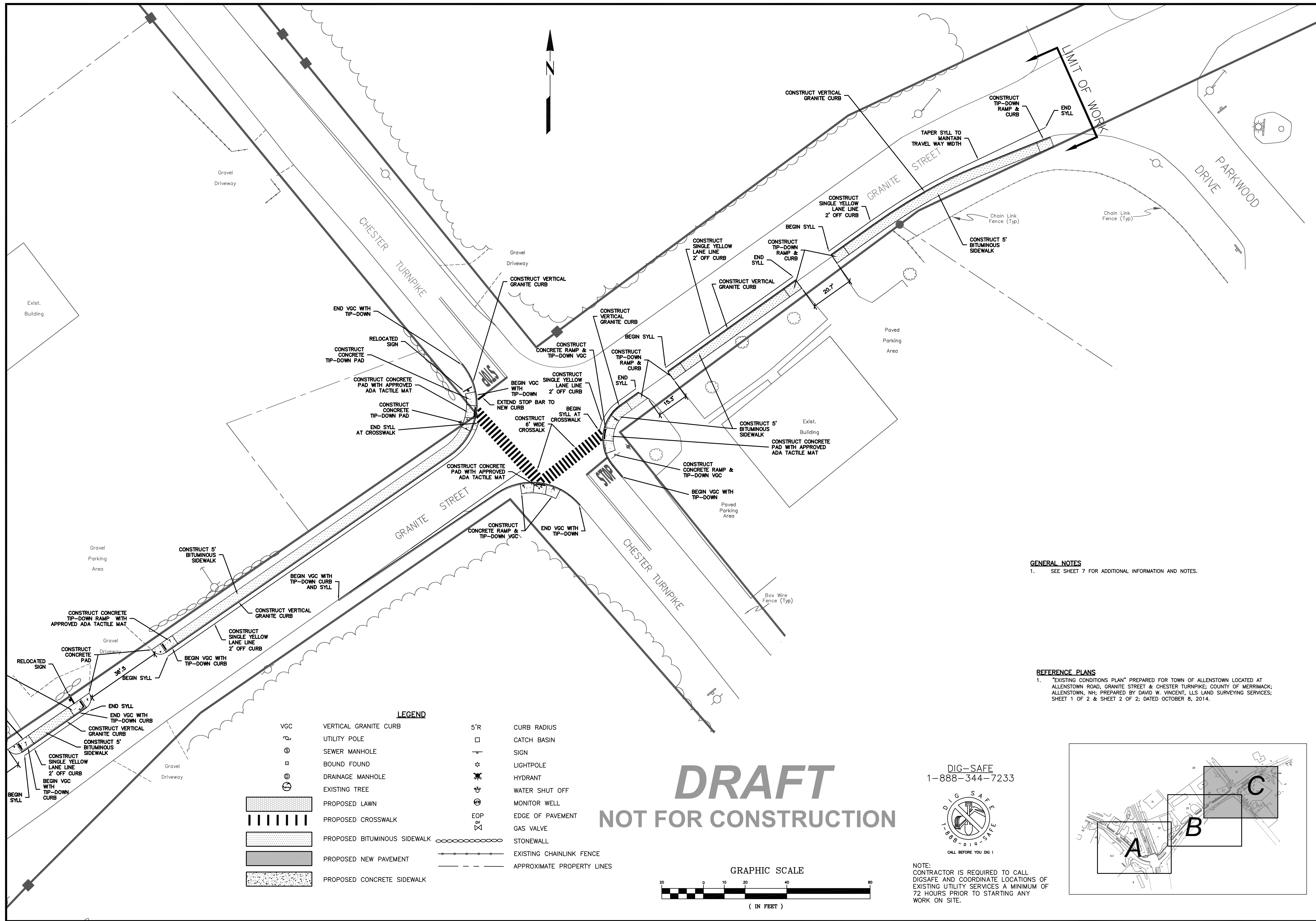
- APPROXIMATE PROPERTY LINES FROM TOWN OF ALLENSTOWN TAX MAP NO. 108 & 109 AND FIELD OBSERVATIONS. ALL TAX MAP INFORMATION PROVIDED BY THE TOWN OF ALLENSTOWN.
- THE APPROXIMATE PROPERTY LINES ARE SHOWN FOR REFERENCE ONLY AND DO NOT REPRESENT ACTUAL PROPERTY BOUNDARIES.
- INSTALLATION OF ANY REQUIRED PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A CONTRACTOR APPROVED BY THE NHDOT.
- THE COST OF MAINTENANCE OF TRAFFIC, THE TOTAL COST OF ALL DRIVEWAY CONSTRUCTION AND ALTERATIONS AND ANY ASSOCIATED MODIFICATIONS THAT ARE MADE TO THE STATE MAINTAINED HIGHWAY, SHALL BE BORNE BY THE PERMITEE, GRANTEE, SUCCESSORS, AND/OR ASSIGNS. (SEE NHDOT TRAFFIC MAINTENANCE FIGURES FOR TYPICAL CONSTRUCTION SIGNAGE LAYOUTS.)
- THE CONTRACTOR SHALL LIMIT THE GENERAL USE OF DRIVEWAYS BY PUBLIC UNTIL SUCH TIME AS ALL THE WORK HAS BEEN COMPLETED AND ALL THE CONDITIONS OF THE PERMIT HAVE BEEN MET, UNLESS THE DISTRICT ENGINEER DETERMINES THAT THE WORK NOT YET COMPLETED HAS NO SUBSTANTIAL IMPACT ON SAFETY OR DRAINAGE.
- ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED SHALL RECEIVE 4" LOAM, FERTILIZER, SEED AND MULCH.
- SEE OVERALL SITE PLAN FOR BENCHMARK INFORMATION. CONTRACTOR SHALL RELOCATE ALL BENCHMARKS AS NECESSARY.
- CONTRACTOR SHALL PROVIDE A FINISH PAVEMENT SURFACE FREE OF LOW SPOTS AND PONDING AREAS. CRITICAL AREAS INCLUDE SIDEWALKS, CROSSWALKS, DRIVEWAYS AND SIDE STREET ENTRANCES.
- DENSITY REQUIREMENTS:

LOCATION	MINIMUM DENSITY
BELOW PAVED OR CONCRETE AREAS	95%
TRENCH BEDDING MATERIAL AND SAND BLANKET BACKFILL	95%
BELOW LOAM AND SEED AREA	95%

**ALL PERCENTAGES SHALL BE OF THE MAXIMUM DRY DENSITY AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED AND CONTROLLED IN ACCORDANCE WITH AASHTO STANDARD 180, METHOD C. FIELD DENSITY TESTS SHALL BE MADE IN ACCORDANCE WITH AASHTO STANDARD T-191, T-204, OR T-238 AND T-239.
- PROVIDE INLET PROTECTION BARRIERS AROUND ALL EXISTING AND PROPOSED STORM DRAINAGE INLETS WITHIN THE WORK LIMITS. MAINTAIN FOR THE DURATION OF THE PROJECT UNTIL PAVEMENT HAS BEEN INSTALLED AND UPSTREAM AREAS HAVE BEEN STABILIZED.
- THE CONTRACTOR SHALL CONTACT "DIGSAFE" 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL HAVE THE "DIG-SAFE" NUMBER ON-SITE AT ALL TIMES.
- THE LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATION IS NOT GUARANTEED BY THE OWNER OR THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR EXISTING UTILITIES AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK.
- MAINTAIN EXISTING SHOULDER CROSS SLOPE IN EXPANDED SHOULDER AREAS PER DETAIL.
- WORK & MATERIALS SHALL CONFORM TO THE NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALSO, WHICH CAN BE FOUND ON-LINE @ WWW.NH.GOV/DOT/BUREAUS/HIGHWAY DESIGN/SPECIFICATIONS.
- SALVAGE ANY EXISTING VERTICAL GRANITE CURBING FOUND AND RESET TO LOCATIONS SHOWN. IN ALL CASES CURBING REQUIRED SHALL MEET NHDOT SPEC. SECTION 609.
- CONTRACTOR SHALL USE APPROPRIATE TRAFFIC MAINTENANCE SIGNAGE DURING CONSTRUCTION. SEE MUTCD FIGURE 6H-3 - WORK ON THE SHOULDERS (TA-3) AND FIGURE 6H-10 - LANE CLOSURE ON A TWO-LANE ROAD USING FLAGGERS (TA-10).



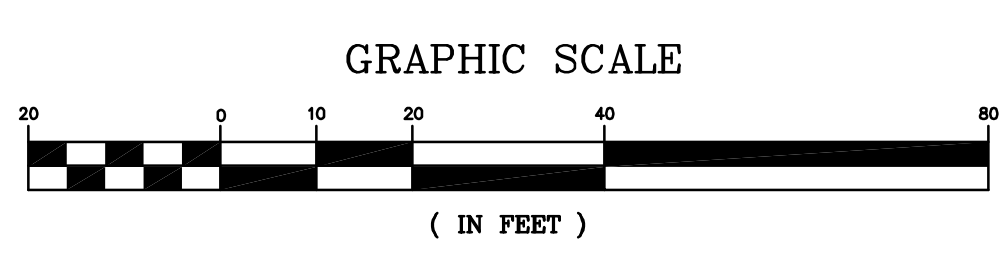
DATE: 10-7-14	SCALE: 10'=60'	DRAWN BY: SRD	DESIGN BY: SRD	APPROVED BY: SJH	PROJECT NO: 0928	FILE: SITE.DWG	NO.	
							REVISION	DATE
							APP'D	DATE
TOWN OF ALLENSTOWN 16 SCHOOL STREET, ALLENSTOWN, NH 03275								
SITE PLAN - B								
SRPS PROJECT #15991 FEDERAL PROJECT #X-A001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RTE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MERRIMACK COUNTY								
8								



LEGEND

	VGC	VERTICAL GRANITE CURB		5'R	CURB RADIUS
	U	UTILITY POLE		□	CATCH BASIN
	⊙	SEWER MANHOLE		+	SIGN
	⊖	BOUND FOUND		*	LIGHTPOLE
	⊙	DRAINAGE MANHOLE		⊕	HYDRANT
	⊙	EXISTING TREE		⊕	WATER SHUT OFF
	⊙	MONITOR WELL		⊕	EDGE OF PAVEMENT
	⊕	GAS VALVE		⊕	STONEWALL
	▨	PROPOSED LAWN		—	EXISTING CHAINLINK FENCE
		PROPOSED CROSSWALK		- - -	APPROXIMATE PROPERTY LINES
	▨	PROPOSED BITUMINOUS SIDEWALK			
	▨	PROPOSED NEW PAVEMENT			
	▨	PROPOSED CONCRETE SIDEWALK			

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NOT FOR CONSTRUCTION



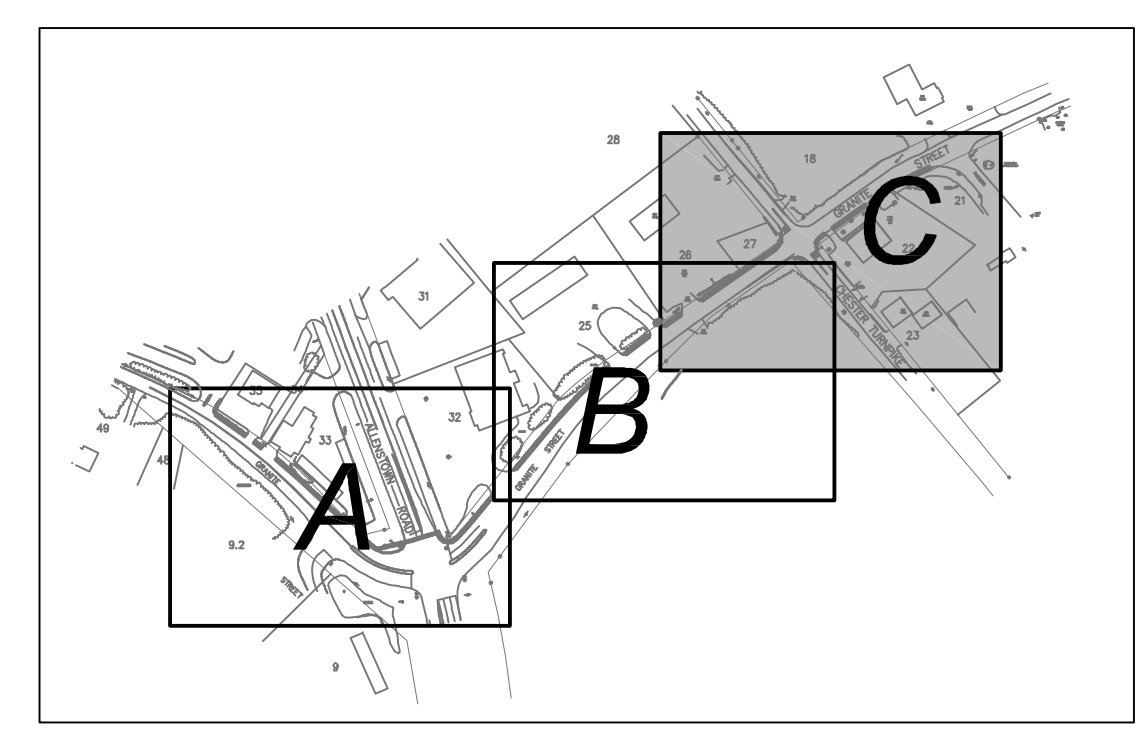
DIG-SAFE
 1-888-344-7233



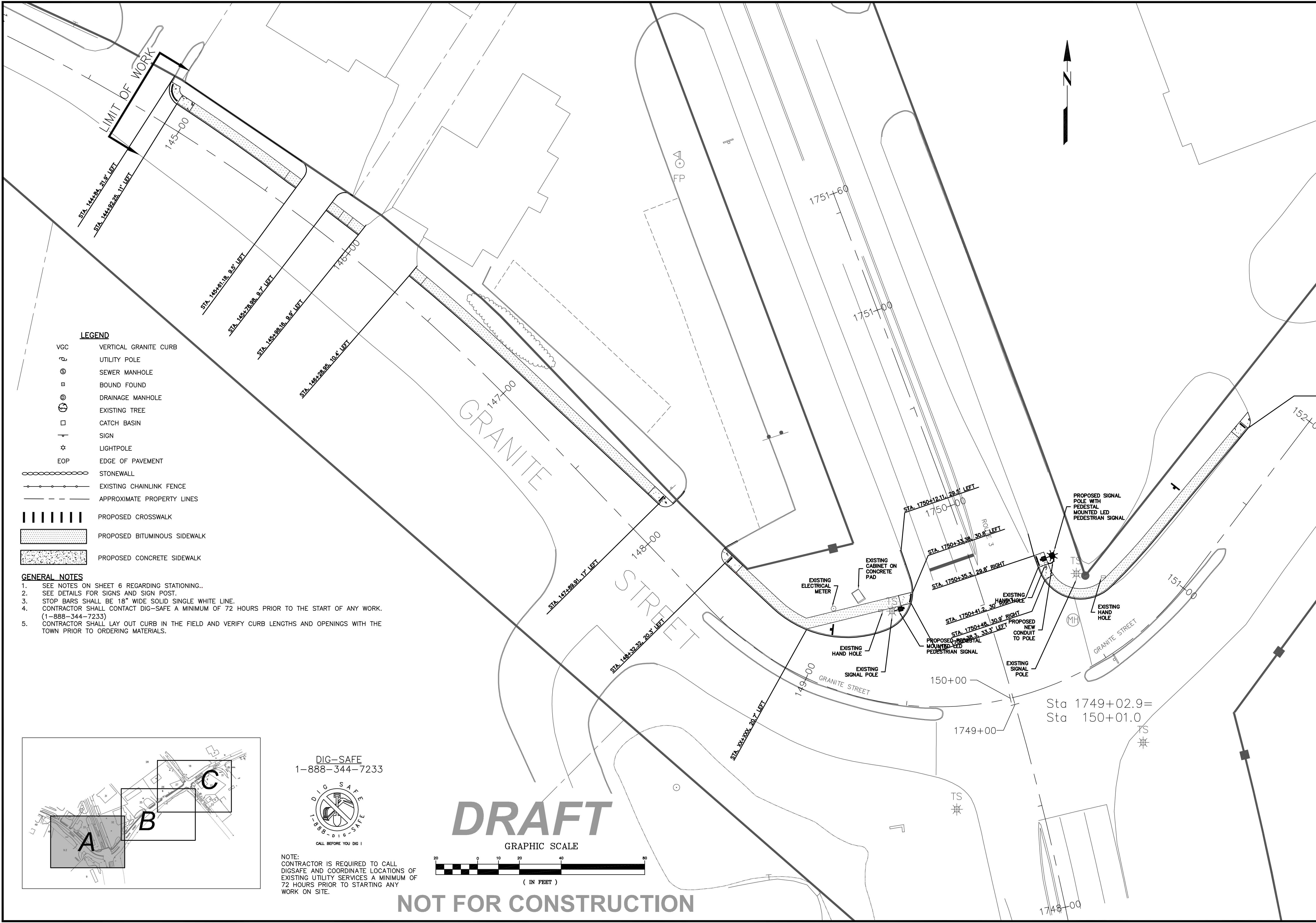
NOTE:
 CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

GENERAL NOTES
 1. SEE SHEET 7 FOR ADDITIONAL INFORMATION AND NOTES.

REFERENCE PLANS
 1. "EXISTING CONDITIONS PLAN" PREPARED FOR TOWN OF ALLENSTOWN LOCATED AT ALLENSTOWN ROAD, GRANITE STREET & CHESTER TURNPIKE, COUNTY OF MERRIMACK; ALLENSTOWN, NH; PREPARED BY DAVID W. VINCENT, LLS LAND SURVEYING SERVICES; SHEET 1 OF 2 & SHEET 2 OF 2; DATED OCTOBER 8, 2014.



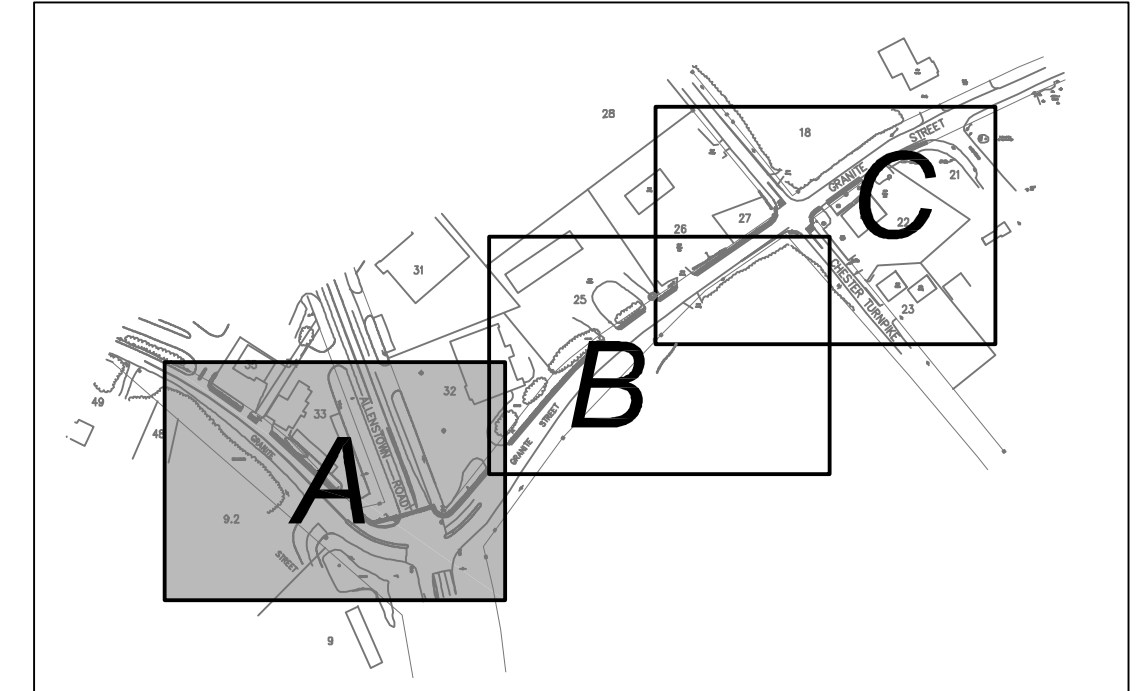
HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 1000 PARKWOOD DRIVE DOVER, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348	
DATE	10-7-14
APP'D	SRD
REVISION	NO.
FILE: SITE.DWG	NO. 0928
DESIGN BY: SRD	APPROVED BY: SJH
DRAWN BY: SRD	PROJECT NO: 0928
SCALE: 1"=60'	
TOWN OF ALLENSTOWN 16 SCHOOL STREET, ALLENSTOWN, NH 03275	
SITE PLAN - C	
SRIS PROJECT #15991 FEDERAL PROJECT #X-4001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MERRIMACK COUNTY	
9	



LEGEND

- VGC VERTICAL GRANITE CURB
- ⊕ UTILITY POLE
- ⊙ SEWER MANHOLE
- ⊚ BOUND FOUND
- ⊛ DRAINAGE MANHOLE
- ⊕ EXISTING TREE
- CATCH BASIN
- ⊕ SIGN
- ⊕ LIGHTPOLE
- EOP EDGE OF PAVEMENT
- ⊕ STONEWALL
- ⊕ EXISTING CHAINLINK FENCE
- - - APPROXIMATE PROPERTY LINES
- ||||| PROPOSED CROSSWALK
- ⊕ PROPOSED BITUMINOUS SIDEWALK
- ⊕ PROPOSED CONCRETE SIDEWALK

- GENERAL NOTES**
1. SEE NOTES ON SHEET 6 REGARDING STATIONING..
 2. SEE DETAILS FOR SIGNS AND SIGN POST.
 3. STOP BARS SHALL BE 18" WIDE SOLID SINGLE WHITE LINE.
 4. CONTRACTOR SHALL CONTACT DIG-SAFE A MINIMUM OF 72 HOURS PRIOR TO THE START OF ANY WORK. (1-888-344-7233)
 5. CONTRACTOR SHALL LAY OUT CURB IN THE FIELD AND VERIFY CURB LENGTHS AND OPENINGS WITH THE TOWN PRIOR TO ORDERING MATERIALS.

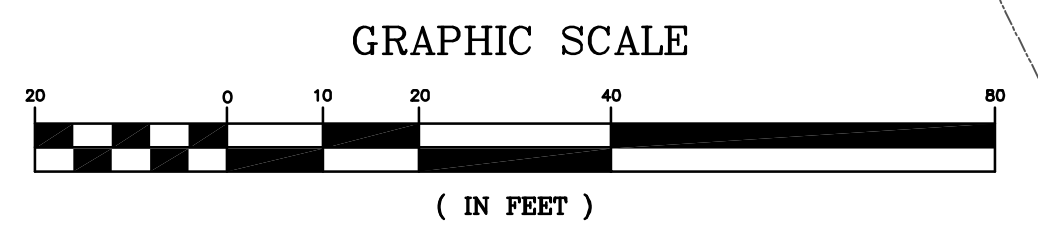


DIG-SAFE
1-888-344-7233



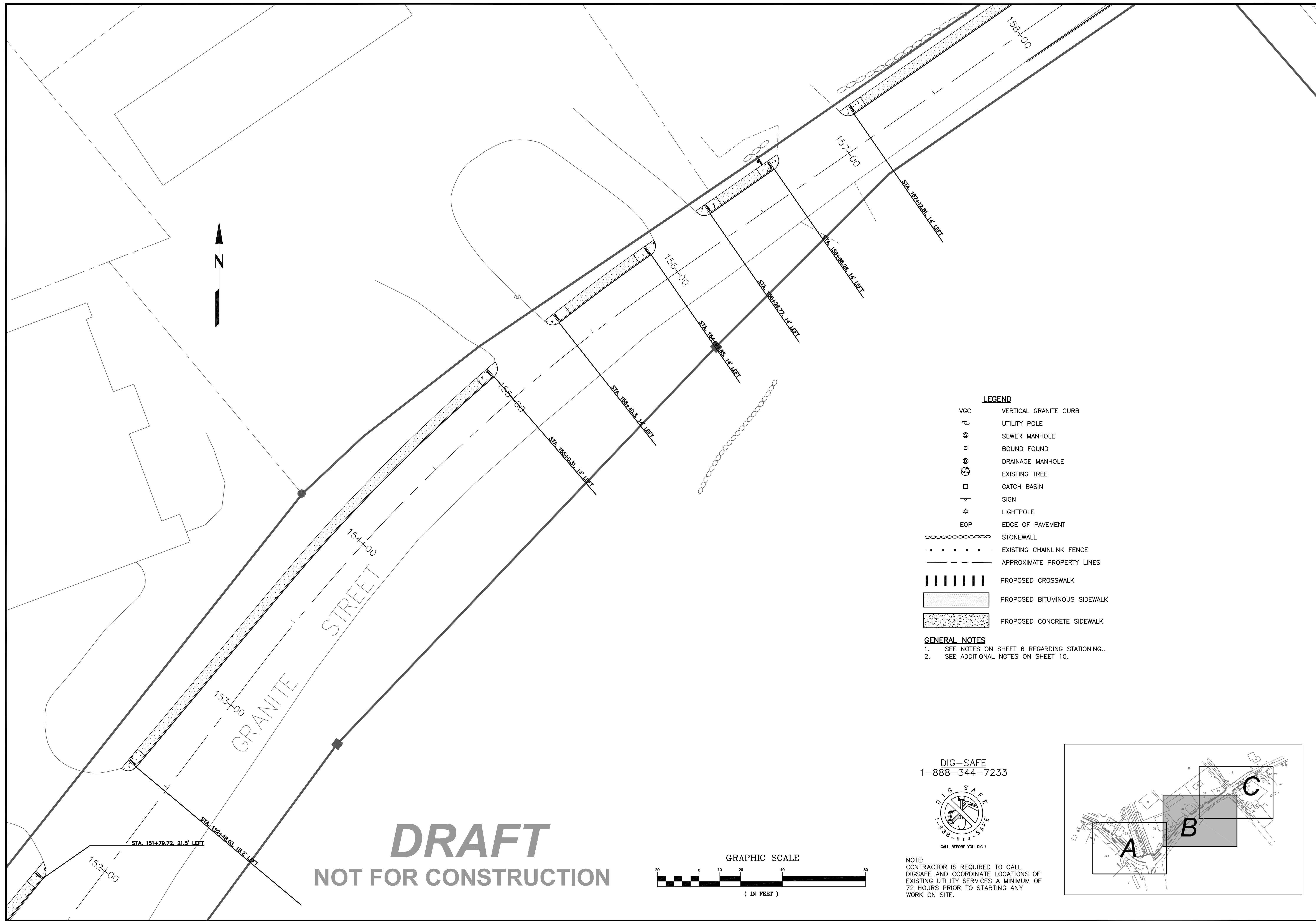
NOTE:
CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.

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<p>LAYOUT PLAN - A</p> <p>SRTS PROJECT #15991 FEDERAL PROJECT #X-4001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MEERIMACK COUNTY</p>	<p>TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275</p>
<p>DATE: 10-7-14 SCALE: 10"=60' DRAWN BY: SRD DESIGN BY: SRD APPROVED BY: SJH PROJECT NO: 0928 FILE: SITE.DWG</p>	<p>NO. REVISION APP'D DATE</p>
<p>HAYCH ENGINEERING, PLLC CIVIL ENGINEERS 1000 WATSON ROAD DOVER, NEW HAMPSHIRE 603.750.4566 FAX 603.749.7348</p>	
<p>10</p>	



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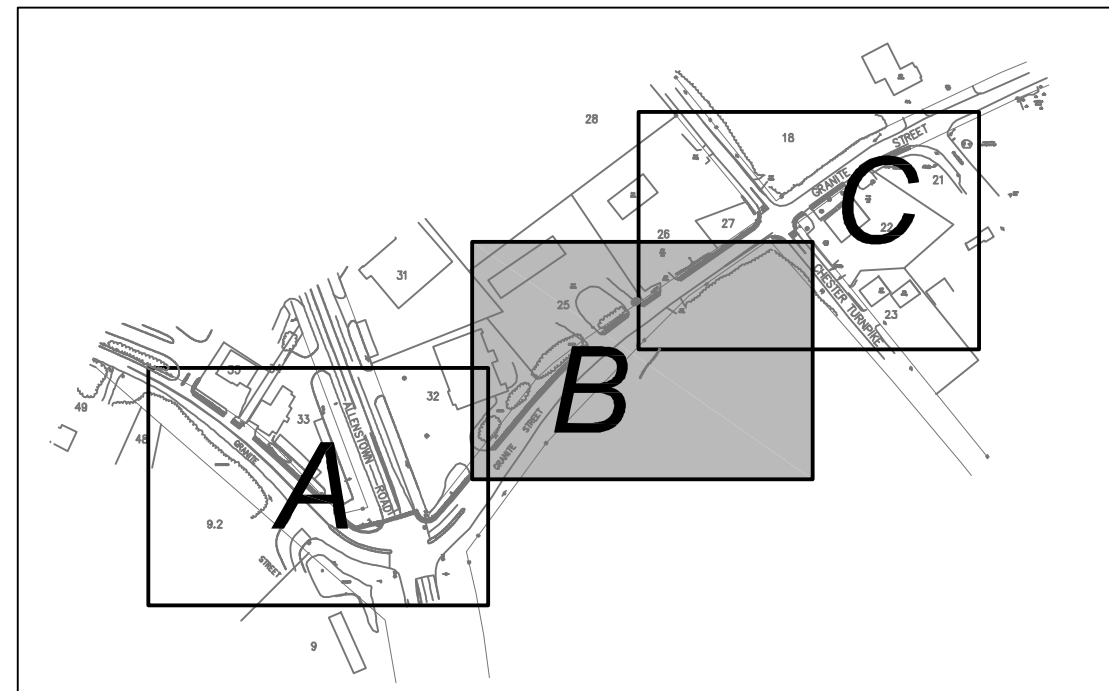
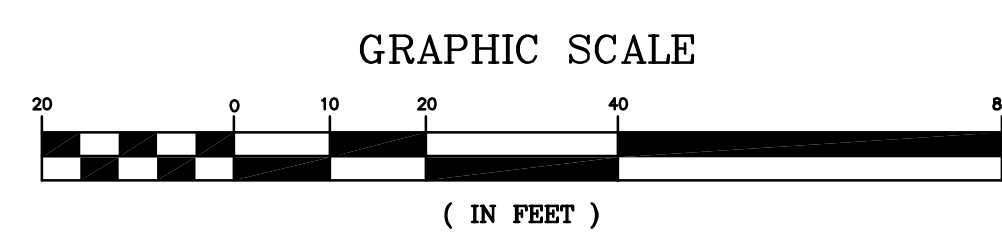
- LEGEND**
- VGC VERTICAL GRANITE CURB
 - ⊕ UTILITY POLE
 - ⊙ SEWER MANHOLE
 - ⊖ BOUND FOUND
 - ⊕ DRAINAGE MANHOLE
 - ⊙ EXISTING TREE
 - CATCH BASIN
 - ⊕ SIGN
 - ☆ LIGHTPOLE
 - EOP EDGE OF PAVEMENT
 - ⊖ STONEWALL
 - ⊖ EXISTING CHAINLINK FENCE
 - - - APPROXIMATE PROPERTY LINES
 - ▬ PROPOSED CROSSWALK
 - ▨ PROPOSED BITUMINOUS SIDEWALK
 - ▩ PROPOSED CONCRETE SIDEWALK

- GENERAL NOTES**
- SEE NOTES ON SHEET 6 REGARDING STATIONING.
 - SEE ADDITIONAL NOTES ON SHEET 10.

DIG-SAFE
 1-888-344-7233

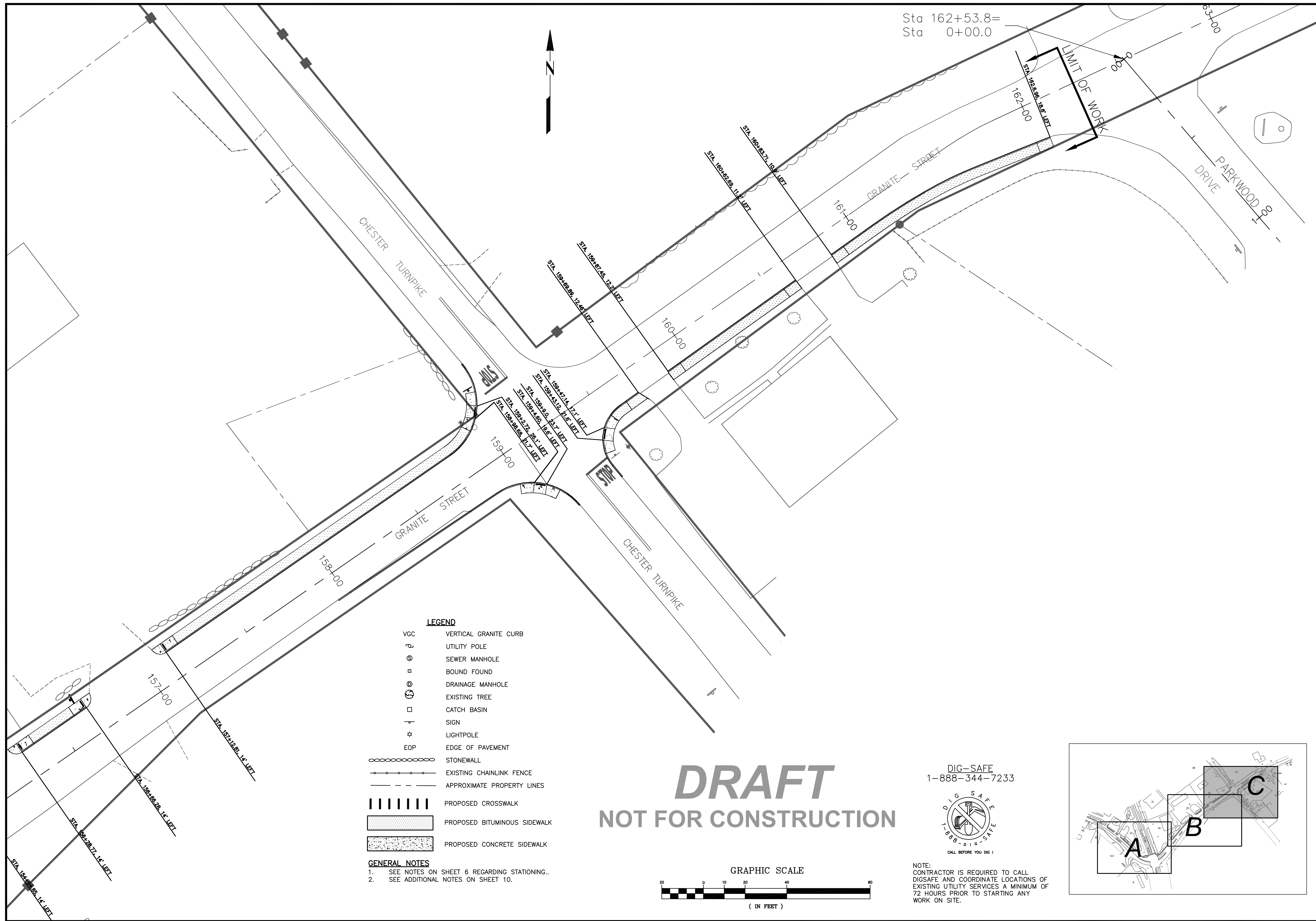


NOTE:
 CONTRACTOR IS REQUIRED TO CALL DIGSAFE AND COORDINATE LOCATIONS OF EXISTING UTILITY SERVICES A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY WORK ON SITE.



DATE: 10-7-14		SCALE: 10'=60'	DRAWN BY: SRD	DESIGN BY: SRD	APPROVED BY: SJH	PROJECT NO: 0928	FILE: SITE.DWG	NO.	REVISION	APP'D	DATE
TOWN OF ALLENTOWN 16 SCHOOL STREET ALLENTOWN, NH 03275											
SRPS PROJECT #15991 FEDERAL PROJECT #X-A001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENTOWN, NH 03275 MEERIMACK COUNTY											
11											

HAYCH ENGINEERING, PLLC
 CIVIL ENGINEERS
 1000 WATSON ROAD
 DOVER, NEW HAMPSHIRE
 603.750.4866 FAX 603.749.7348



Sta 162+53.8=
Sta 0+00.0

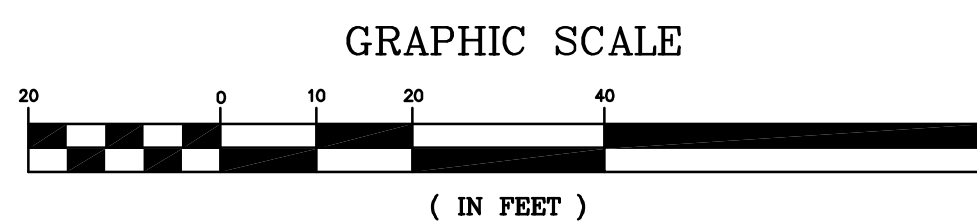
LEGEND

- VGC VERTICAL GRANITE CURB
- UTILITY POLE
- SEWER MANHOLE
- BOUND FOUND
- DRAINAGE MANHOLE
- EXISTING TREE
- CATCH BASIN
- SIGN
- LIGHTPOLE
- EOP EDGE OF PAVEMENT
- STONEWALL
- EXISTING CHAINLINK FENCE
- APPROXIMATE PROPERTY LINES
- PROPOSED CROSSWALK
- PROPOSED BITUMINOUS SIDEWALK
- PROPOSED CONCRETE SIDEWALK

GENERAL NOTES

1. SEE NOTES ON SHEET 6 REGARDING STATIONING..
2. SEE ADDITIONAL NOTES ON SHEET 10.

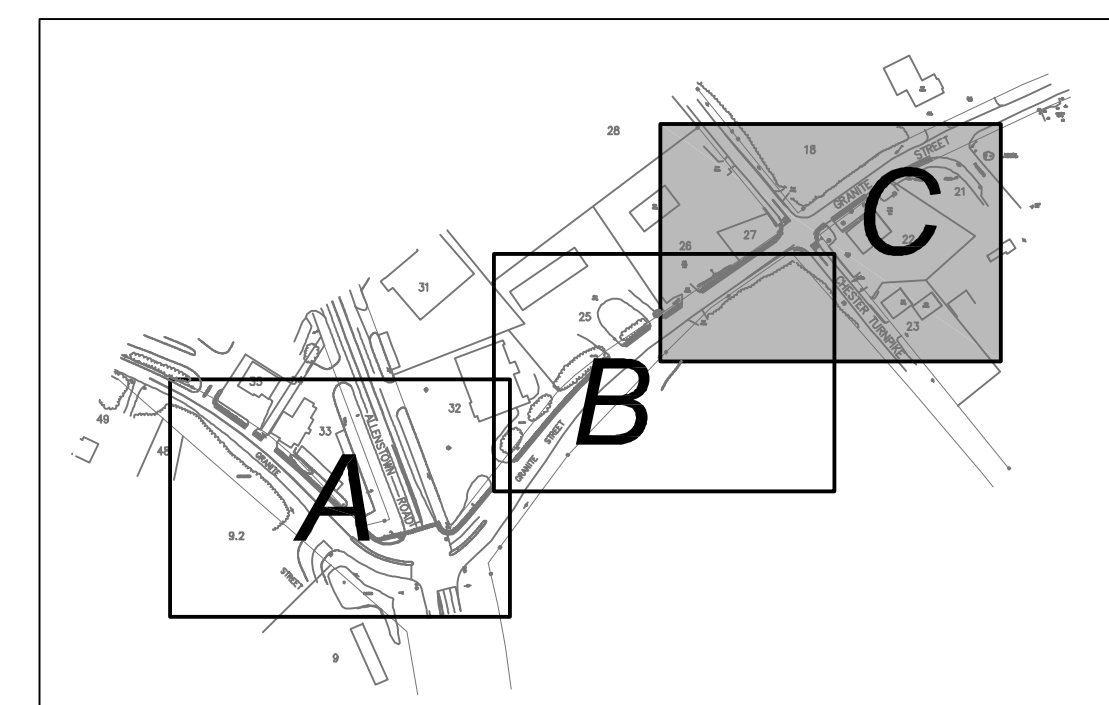
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NOT FOR CONSTRUCTION



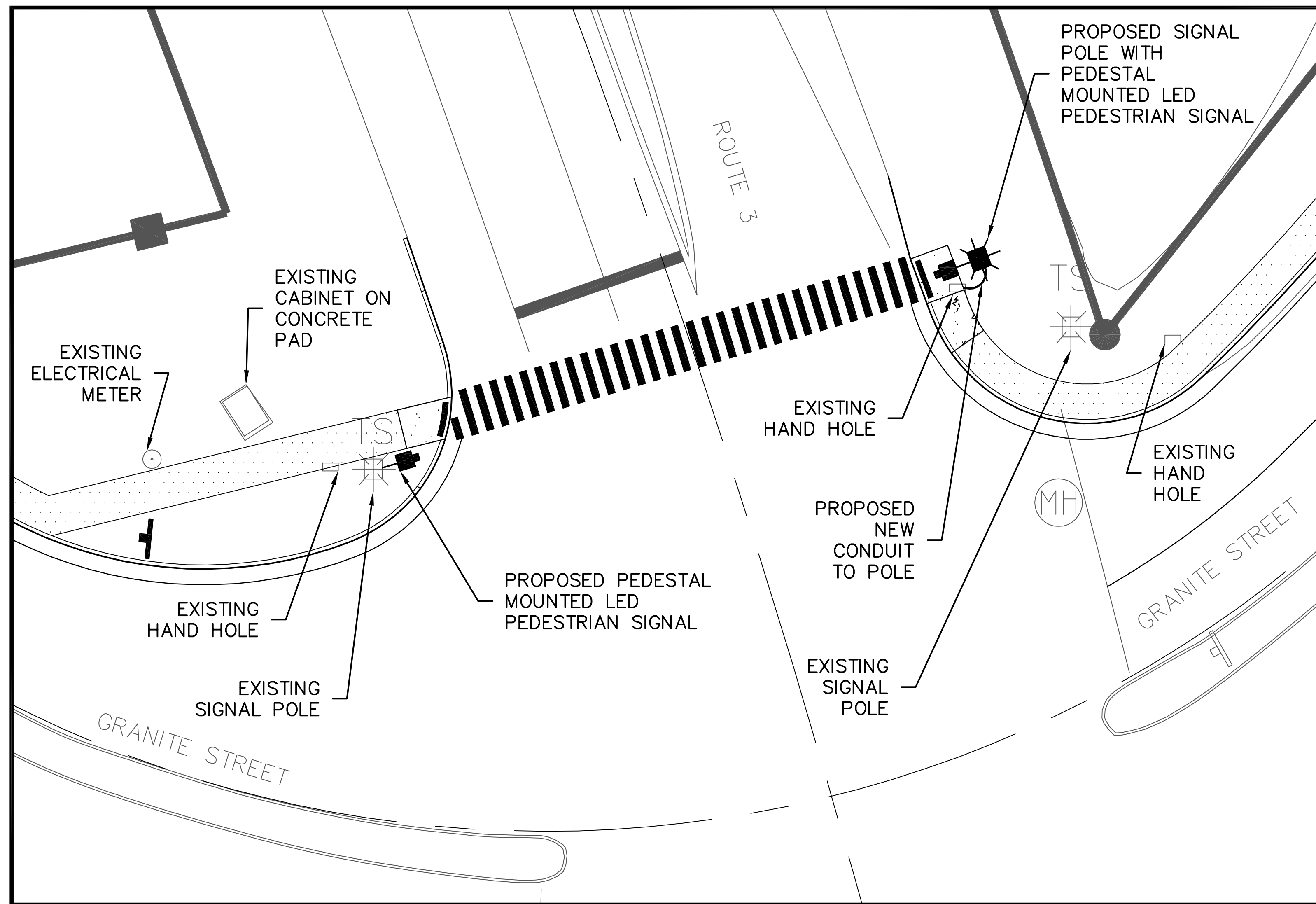
DIG-SAFE
1-888-344-7233



NOTE:
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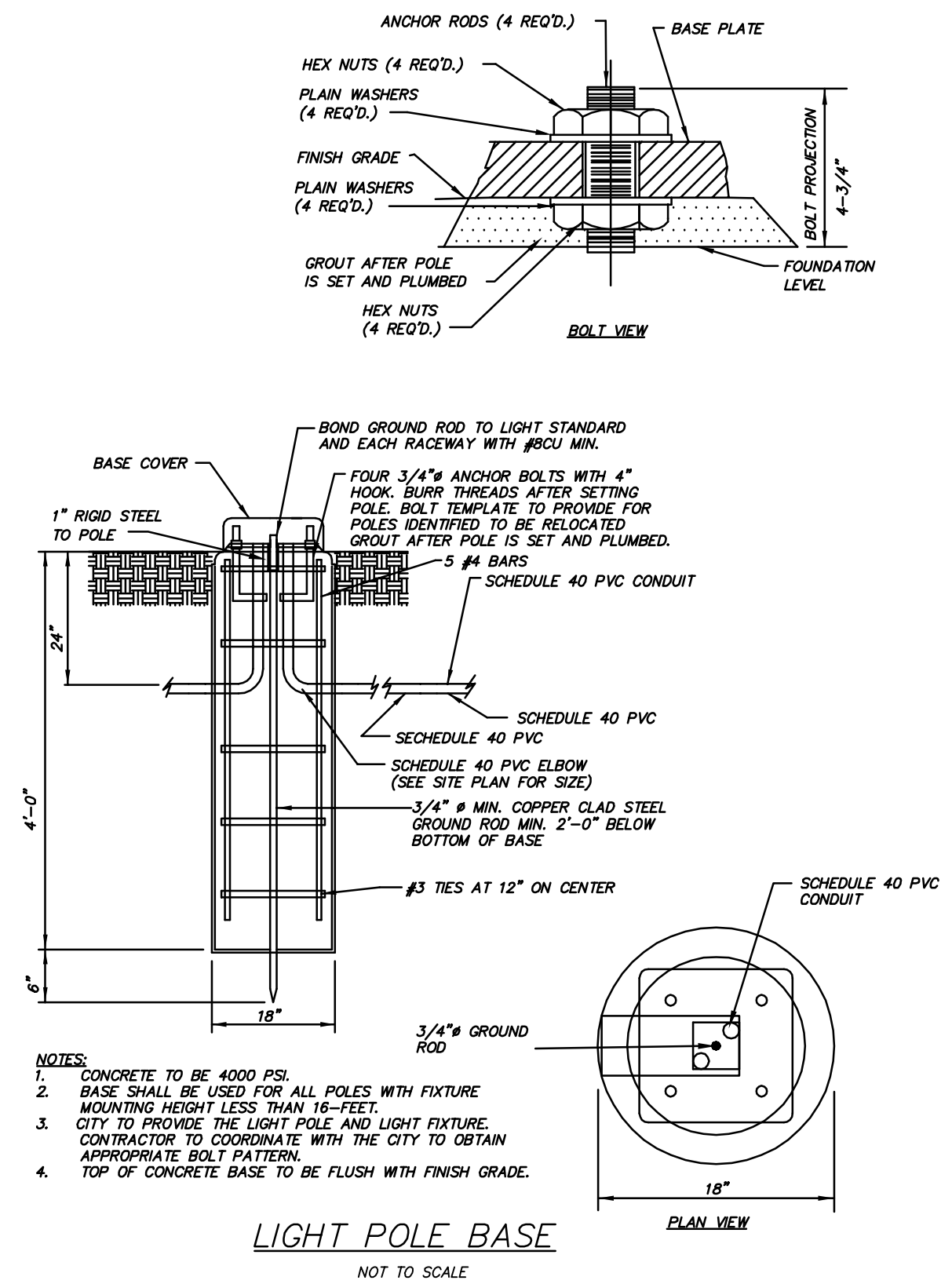
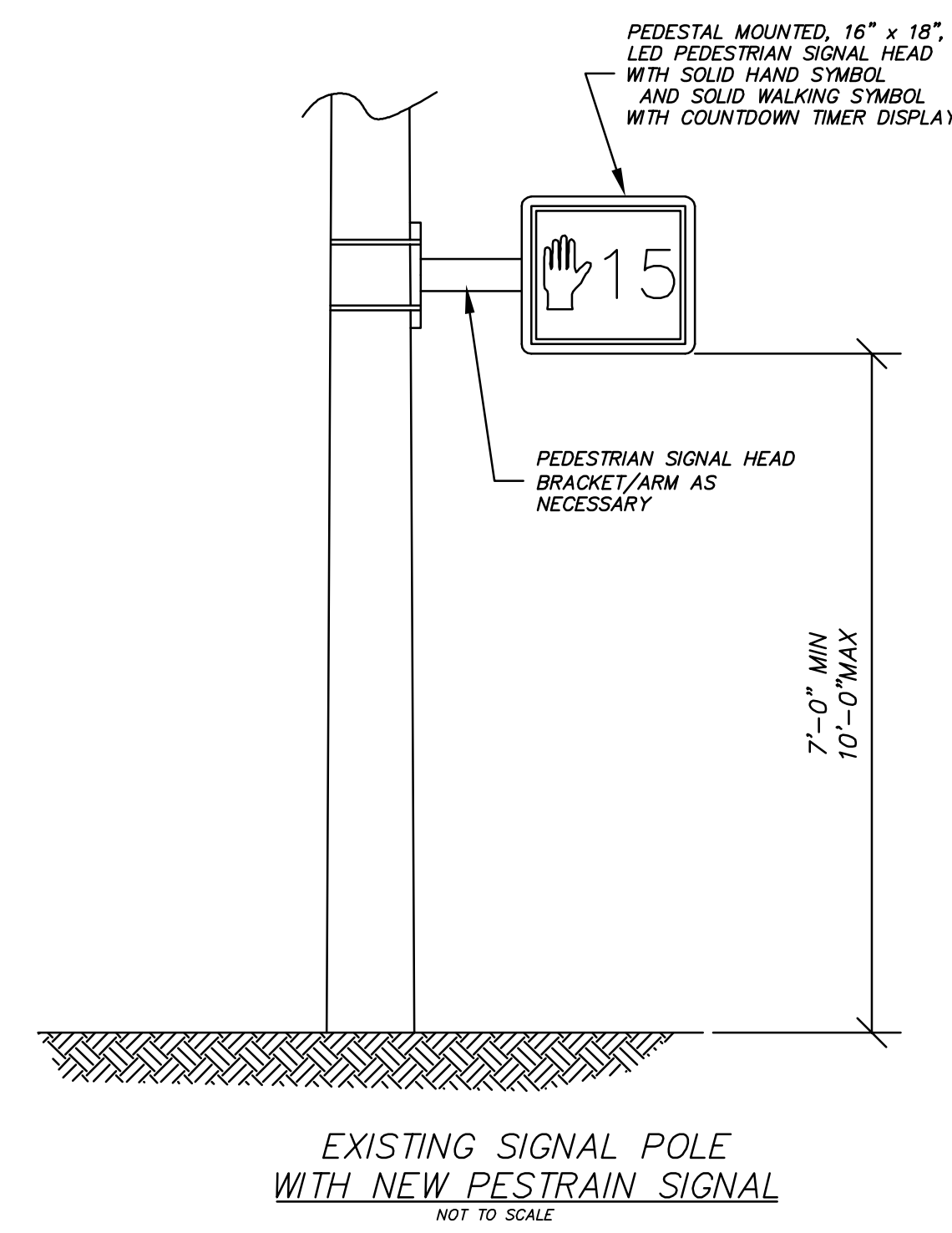
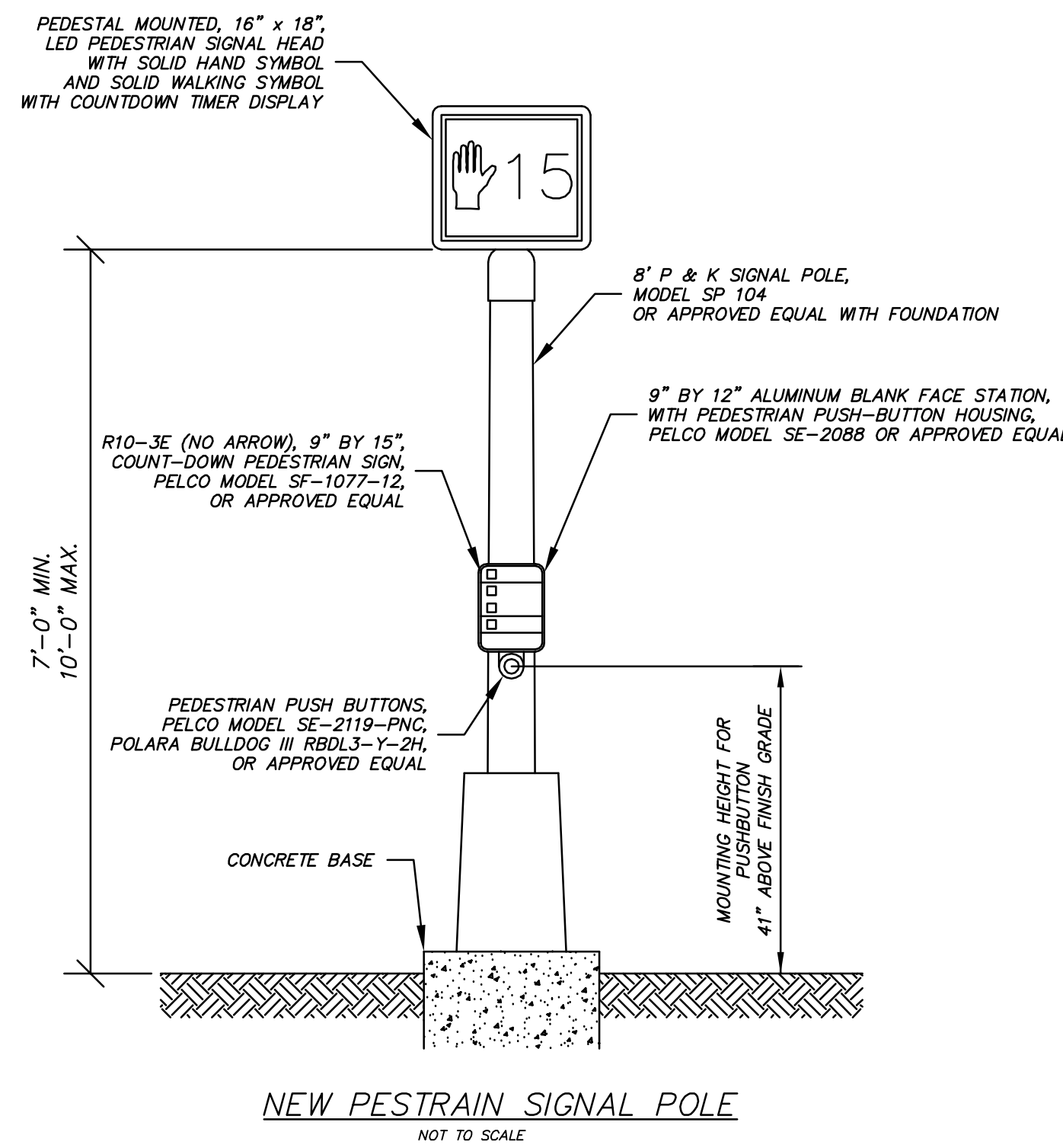
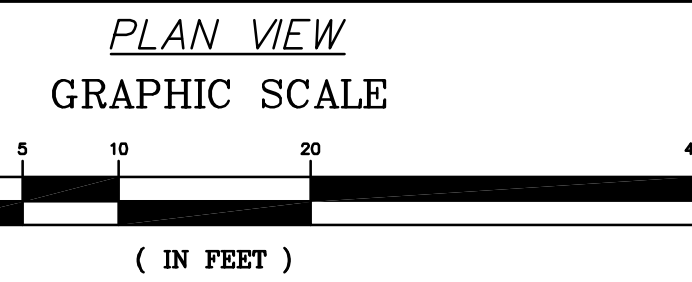


HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 16 SCHOOL STREET ALLENSTOWN, NEW HAMPSHIRE 603.750.4566 FAX 603.749.7348	
DATE	10-7-14
SCALE	10'=60'
DRAWN BY	SRD
DESIGN BY	SRD
APPROVED BY	SRD
PROJECT NO.	0928
FILE/SITE/DWG NO.	
REVISION	
APP'D	
DATE	
TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275	
SRTS PROJECT #15991 FEDERAL PROJECT #X-A001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RITE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MEERIMACK COUNTY	
SITE PLAN - C	
12	



LEGEND

	UTILITY POLE		CATCH BASIN
	SEWER MANHOLE		SIGN
	BOUND FOUND		LIGHTPOLE
	DRAINAGE MANHOLE		HYDRANT
	EXISTING TREE		WATER SHUT OFF
	PROPOSED CROSSWALK		MANHOLE
	PROPOSED BITUMINOUS SIDEWALK		SIGNAL POLE
	PROPOSED CONCRETE SIDEWALK		PROPOSED PEDESTAL POLE
			PROPOSED LED PEDESTRIAN SIGNAL



GENERAL NOTES:
1. SEE PLAN REF. 2 (SHEET 15 THIS PLAN SET) FOR ADDITIONAL INTERSECTION INFORMATION.

REFERENCE PLANS
1. "EXISTING CONDITIONS PLAN" PREPARED FOR TOWN OF ALLENSTOWN LOCATED AT ALLENSTOWN ROAD, GRANITE STREET & CHESTER TURNPIKE, COUNTY OF MERRIMACK; ALLENSTOWN, NH; PREPARED BY DAVID W. VINCENT, LLS LAND SURVEYING SERVICES; SHEET 1 OF 2 & SHEET 2 OF 2, DATED OCTOBER 8, 2014.
2. "SIGNALIZATION AND LIGHTING LAYOUT"; FEDERAL PROJECT NO.: F-HES-017-1(18); STATE PROJECT NO.: 10289; SHEET 23; TOTAL SHEETS 50; DATE: 7-25-89; DATE: 3-20-90; AS-BUILT DETAILS.

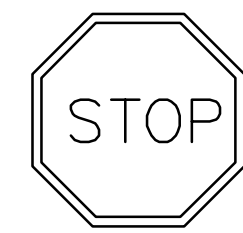
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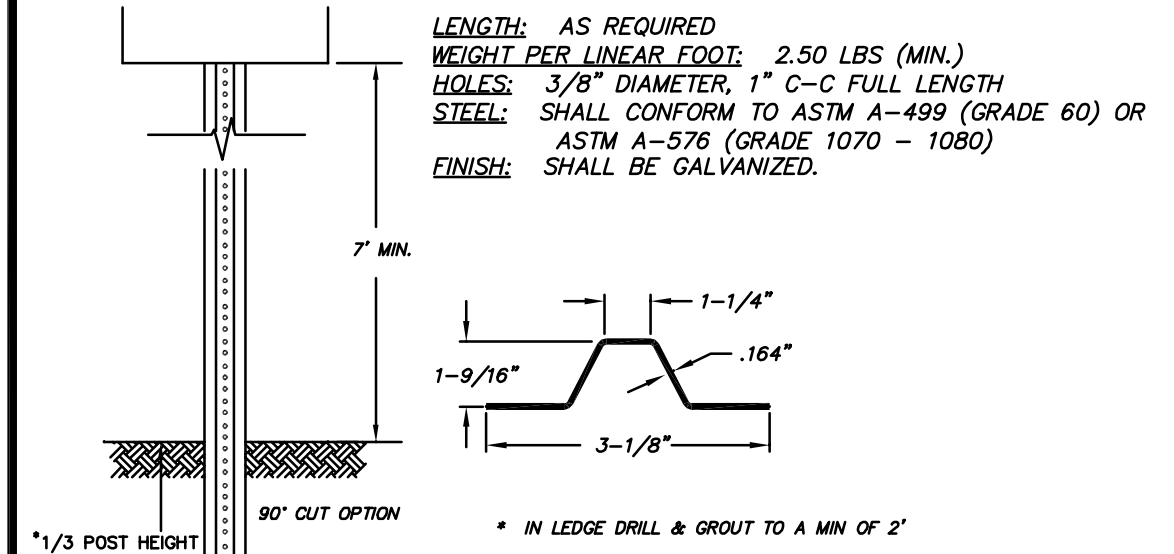
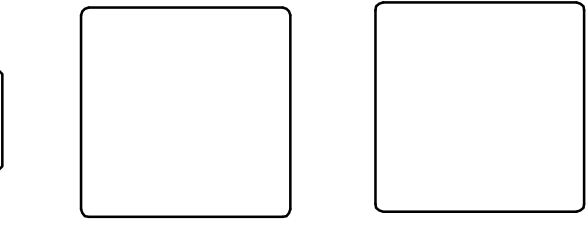


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HAIGHT ENGINEERING, PLLC CIVIL ENGINEERS 1000 WATSON ROAD DOVER, NEW HAMPSHIRE 603.750.4866 FAX 603.749.7348	
DATE: 10-7-14	NO.
SCALE: 10'=60'	APP'D
DRAWN BY: SRD	REVISION
DESIGN BY: SRD	NO.
APPROVED BY: SJH	NO.
PROJECT NO: 0928	NO.
FILE: SITE.DWG	NO.
TOWN OF ALLENSTOWN 16 SCHOOL STREET ALLENSTOWN, NH 03275	
INTERSECTION PLAN	
SRPS PROJECT #15991 FEDERAL PROJECT #X-4001(065) GRANITE STREET SIDEWALK CONSTRUCTION FROM RTE-AID TO PARKWOOD DRIVE ALLENSTOWN, NH 03275 MERRIMACK COUNTY	
13	



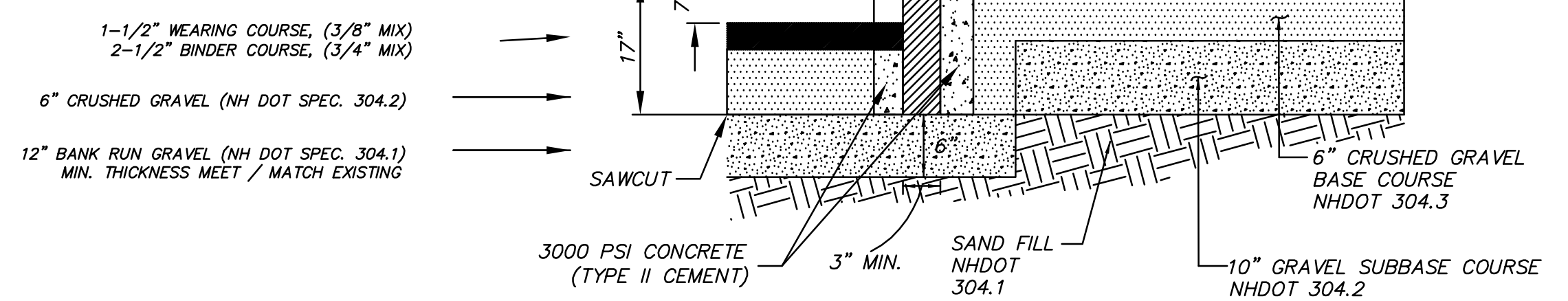
R1-1
30" x 30"



NOTE:
ALL SIGNS TO BE INSTALLED AND CONSTRUCTED AS INDICATED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

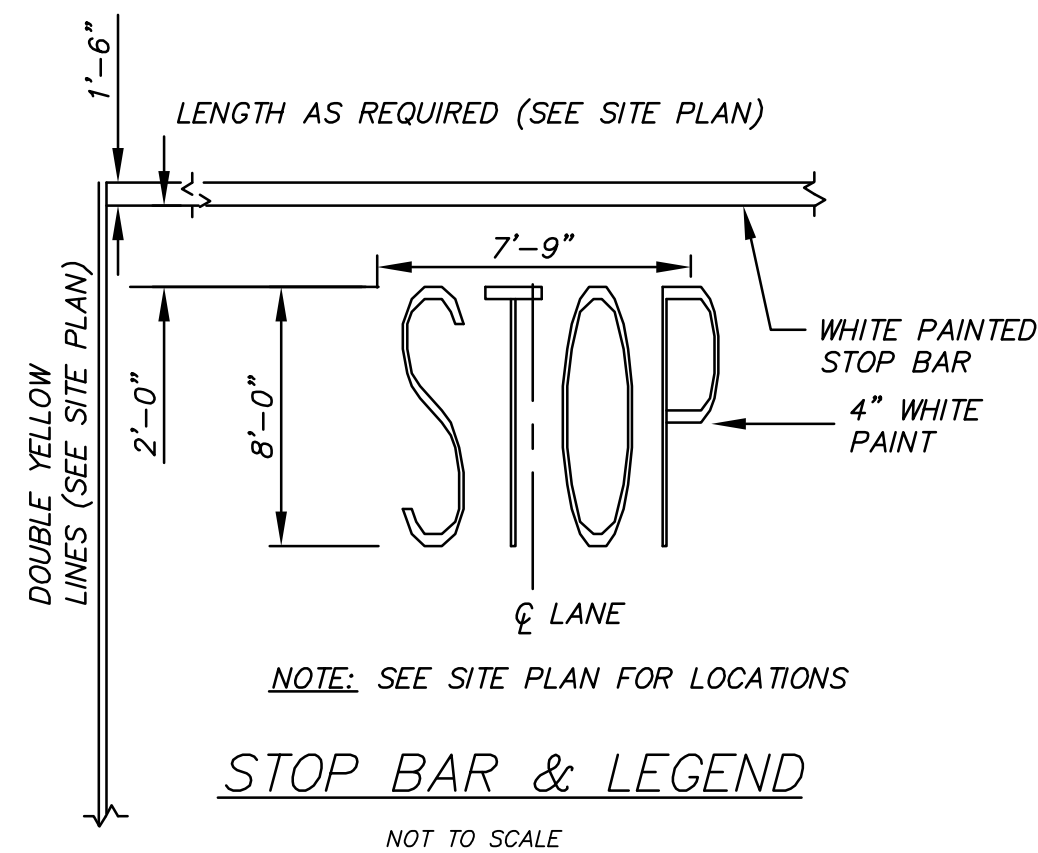
SIGN LEGEND & SIGN POST
NOT TO SCALE

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'

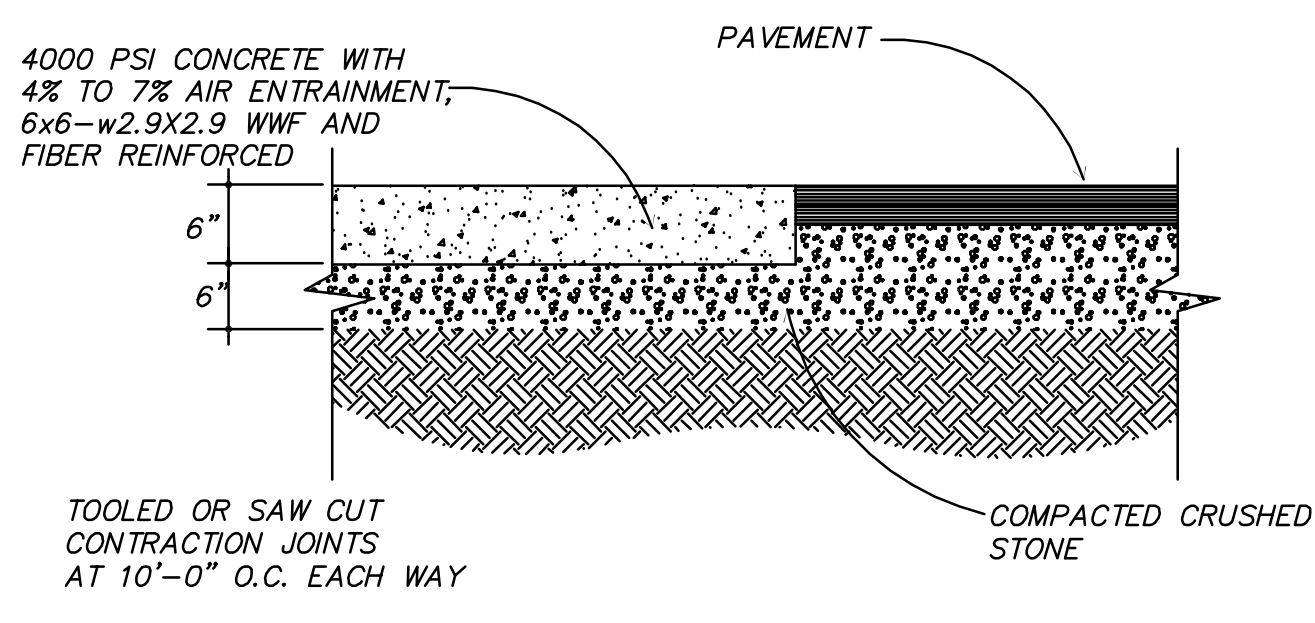


- NOTES**
- SEE SITE PLAN FOR LIMITS OF CURBING.
 - ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.
 - MINIMUM LENGTH OF CURB STONES = 3'
 - MAXIMUM LENGTH OF CURB STONES = 10'
 - MAXIMUM LENGTH OF STRAIGHT CURB STONES LAID ON CURVES (SEE CHART)
 - ALL RADII 20 FEET AND SMALLER TO BE CONSTRUCTED USING CURVED SECTIONS.

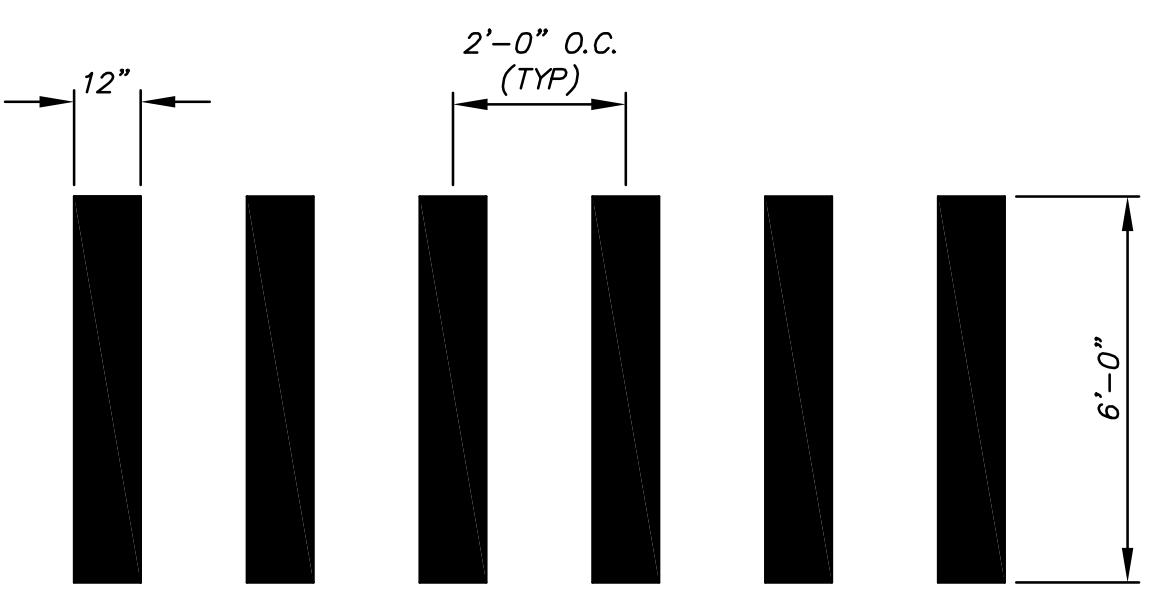
BITUMINOUS CONCRETE SIDEWALK WITH VERTICAL GRANITE CURB
NOT TO SCALE



STOP BAR & LEGEND
NOT TO SCALE

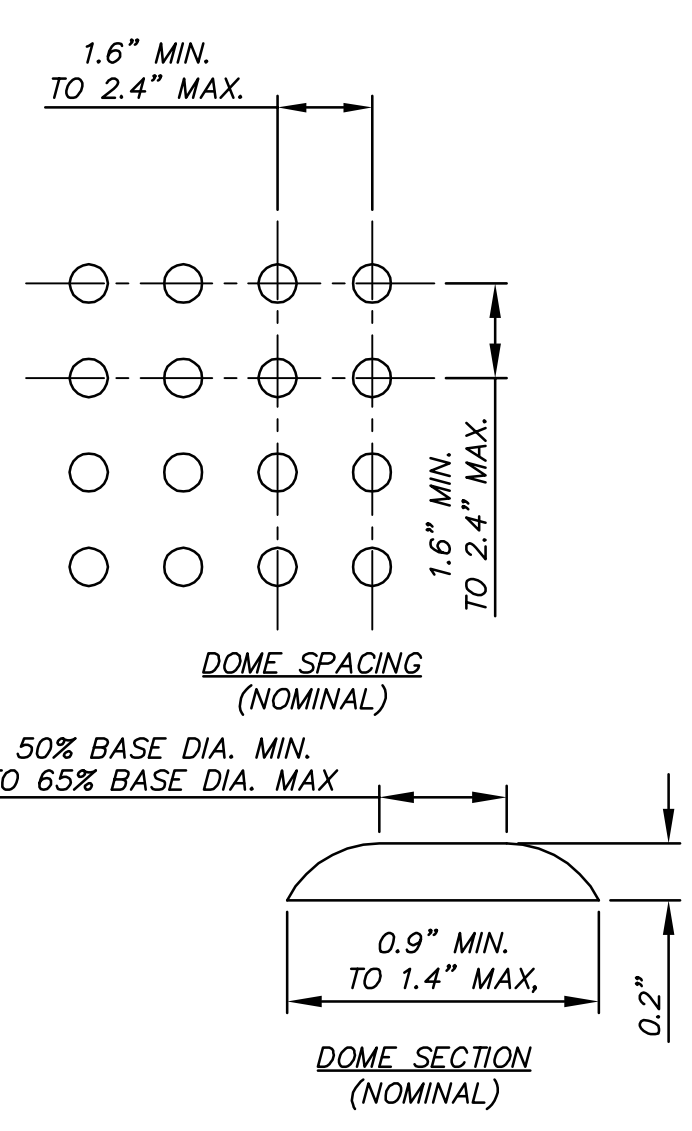


CONCRETE PAD DETAIL
NOT TO SCALE

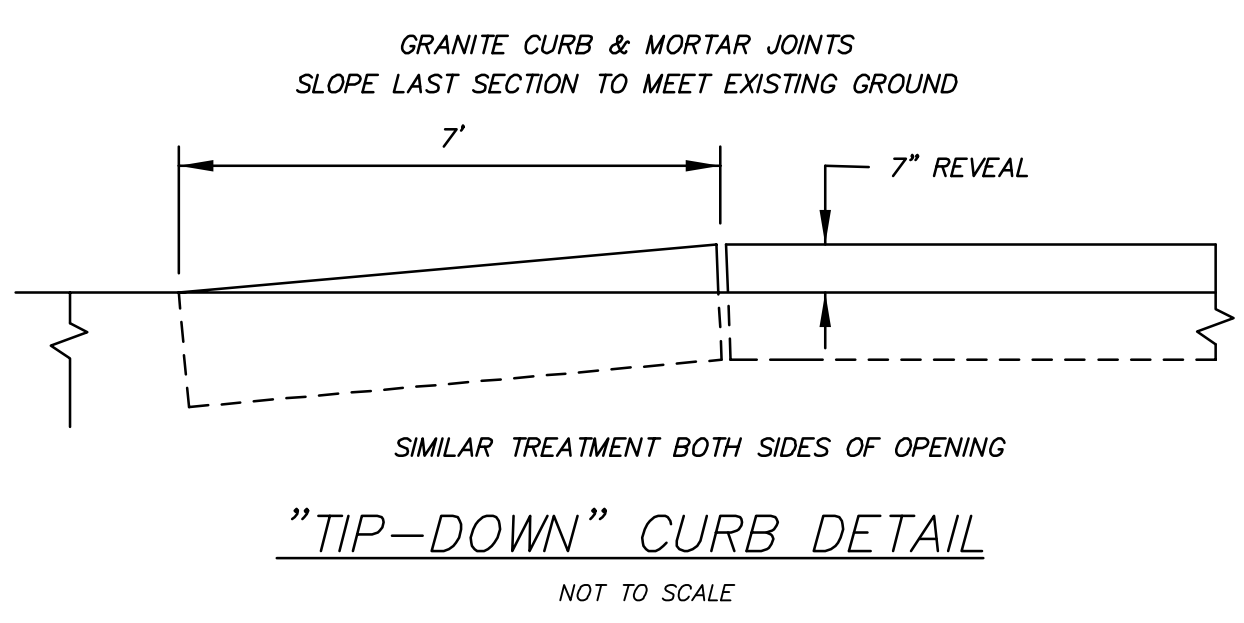


- NOTE:**
- ALL PAINT SHALL BE NORMAL DRYING TRAFFIC PAINT, MEETING THE REQUIREMENTS OF AASHTO M248-TYPE N. PAINT SHALL BE APPLIED AS SPECIFIED BY MANUFACTURER.
 - CROSSWALKS THAT CROSS ROUTE 3 SHALL BE NHDOT APPROVED THERMO-PLASTIC.

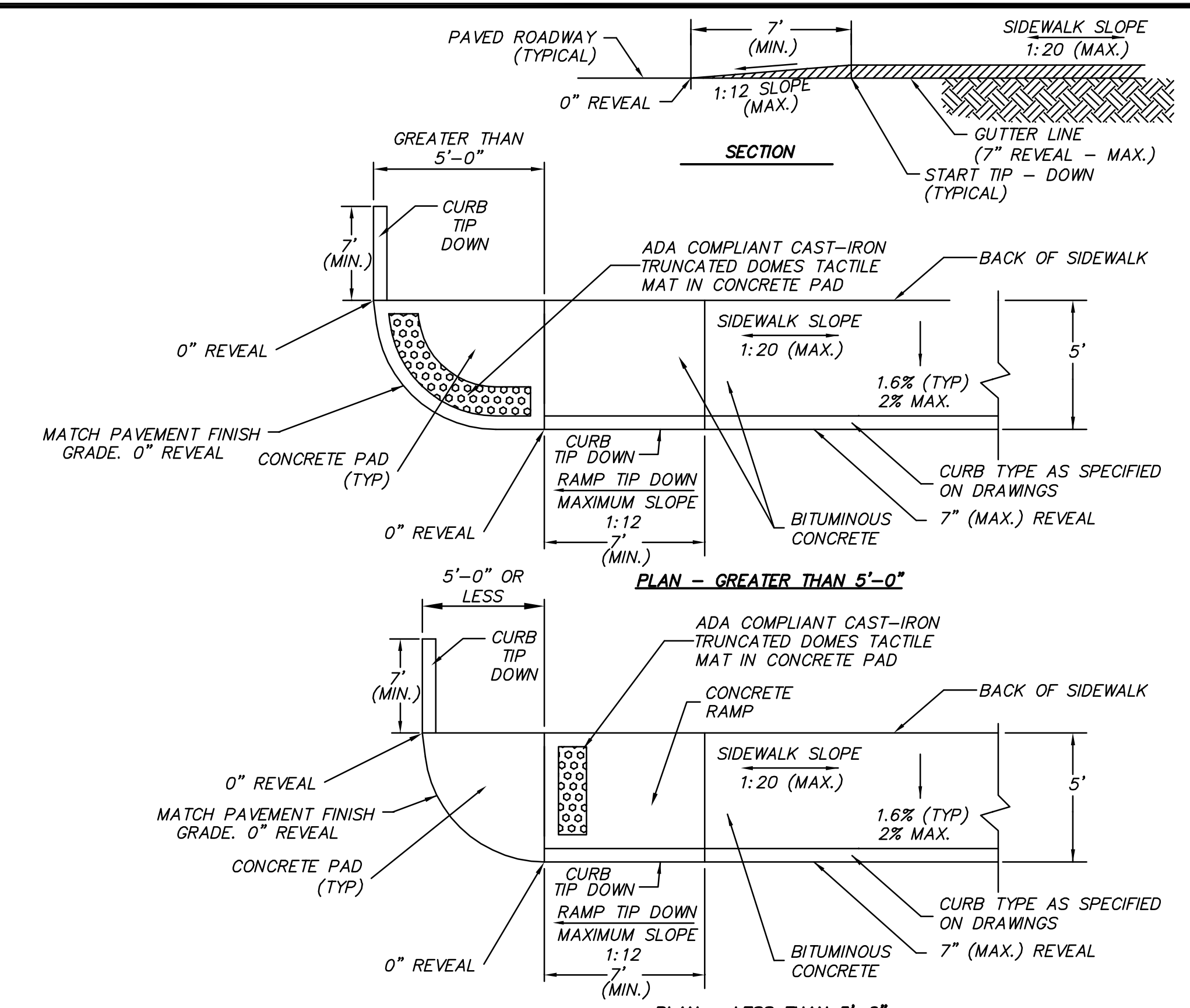
CROSSWALK MARKING DETAIL
NOT TO SCALE



TACTILE DOME DETAIL
NOT TO SCALE

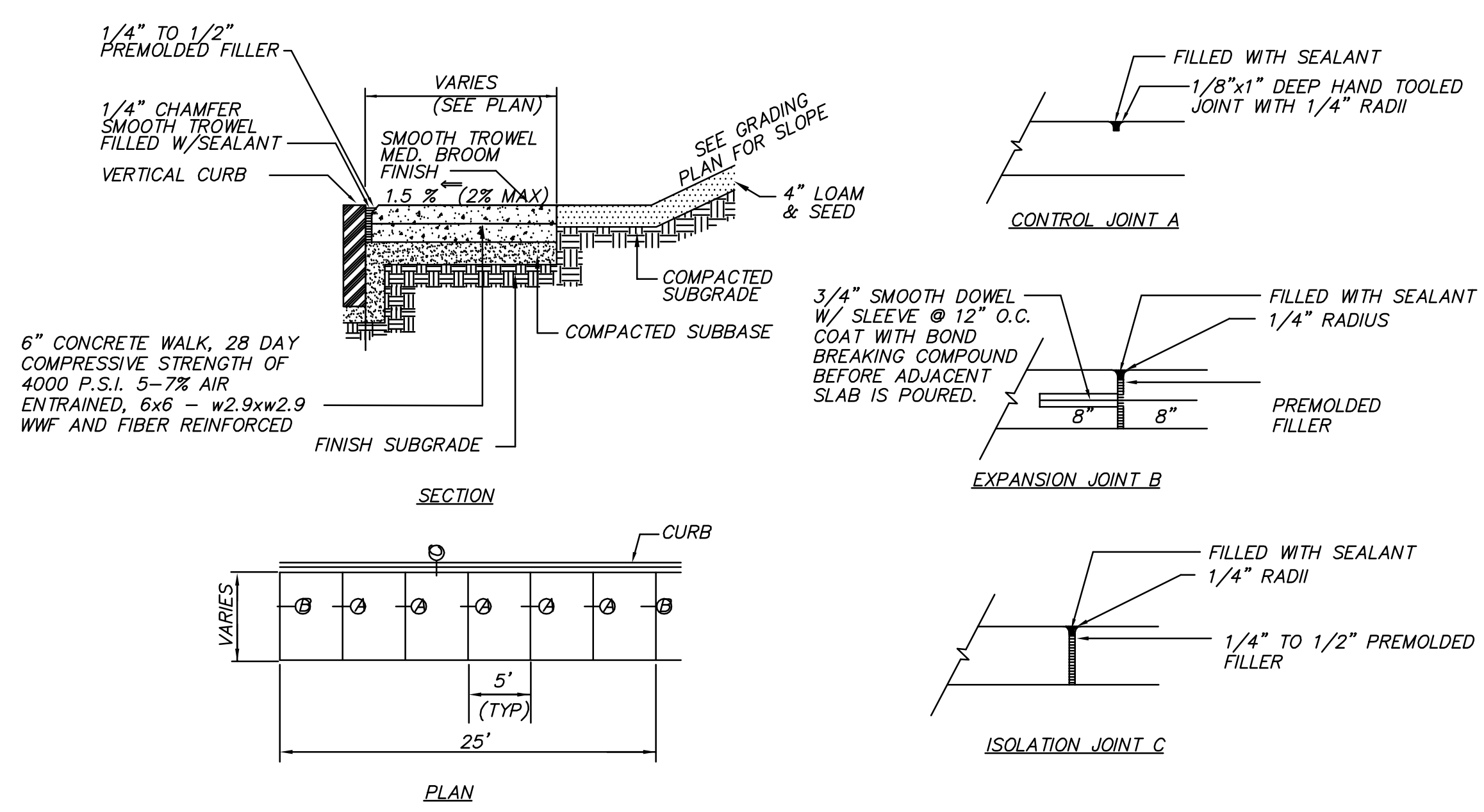


"TIP-DOWN" CURB DETAIL
NOT TO SCALE



- THE MAXIMUM RUNNING SLOPE OF ANY SIDEWALK CURB RAMP IS 12:1. THE MAXIMUM CROSS SLOPE IS 2%. THE SLOPE OF THE LANDING SHALL NOT EXCEED 2% IN ANY DIRECTION.
- TRANSITIONS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. ROADWAY SHOULDER SLOPES ADJOINING SIDEWALK CURB RAMP SHALL BE A MAXIMUM OF 5% (FULL WIDTH) FOR A DISTANCE OF 24" FROM THE ROADWAY CURBLINE.
- INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF SIDEWALK CURB RAMP OF LANDINGS. CATCH BASINS, MANHOLES, ETC. SHALL NOT BE LOCATED IN OR AT THE BASE OF SIDEWALK CURB RAMP OR LANDINGS.
- BOTTOM OF THE SIDEWALK CURB RAMP OR LANDING EXCLUSIVE OF THE FLARED SIDES SHALL BE WHOLLY CONTAINED WITHIN THE CROSSWALK MARKINGS.
- THE SURFACE OF A PERPENDICULAR SIDEWALK CURB RAMP OR THE LANDING OF A PARALLEL SIDEWALK CURB RAMP SHALL CONTRAST VISUALLY WITH THE ADJOINING SIDEWALK SURFACE, EITHER ASPHALT/LIGHT-COLORED CONCRETE OR LIGHT-COLORED CONCRETE/DARK-STAINED CONCRETE. THE CONCRETE SURFACE SHALL BE SLIP RESISTANT.
- INSTALL DETECTABLE WARNINGS TACTILE MAT (TRUNCATED DOMES) AT THE LOCATIONS SHOWN. DETECTABLE WARNINGS SHALL MEASURE 24" IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE SIDEWALK RAMP AND THE EDGE NEAREST THE CURBLINE SHALL BE LOCATED 6" - 8" FROM THE FACE OF CURBLINE.
- PROVIDE DETECTABLE WARNING SURFACE ANYTIME THAT A CURB RAMP, BLENDED TRANSITION OR LANDING CONNECTS TO A STREET.
- WHERE BOTH ENDS OF THE BOTTOM GRADE ARE LESS THAN 5'-0" FROM THE BACK OF THE CURB, LOCATE THE DETECTABLE WARNING PANELS ON THE RAMP SURFACE AT THE BOTTOM OF THE RAMP. WHERE EITHER END OF THE BOTTOM GRADE IS GREATER THAN 5'-0" FROM THE BACK OF THE CURB, LOCATE THE DETECTABLE WARNING AT THE BOTTOM OF THE LANDING.

SIDEWALK TIP DOWN AT CURBED RADIUS PAD
NOT TO SCALE



CONCRETE SIDEWALK
NOT TO SCALE

DRAFT NOT FOR CONSTRUCTION

NH SRTS PROJECT # _____

HAIGHT ENGINEERING, PLLC
CIVIL ENGINEERS
1060 ROUTE 11 WATSON ROAD
DOVER, NEW HAMPSHIRE
603.750.4866 FAX 603.749.7348

NO.	REVISION	DATE

DATE: 5-10-2010
SCALE: 1"=20'
DRAWN BY: SRD
DESIGN BY: SRD
APPROVED BY: SHJ
PROJECT NO: 0905
FILE: SITE.DWG

TOWN OF ALLENSTOWN
16 SCHOOL STREET
ALLENSTOWN, NH 03275

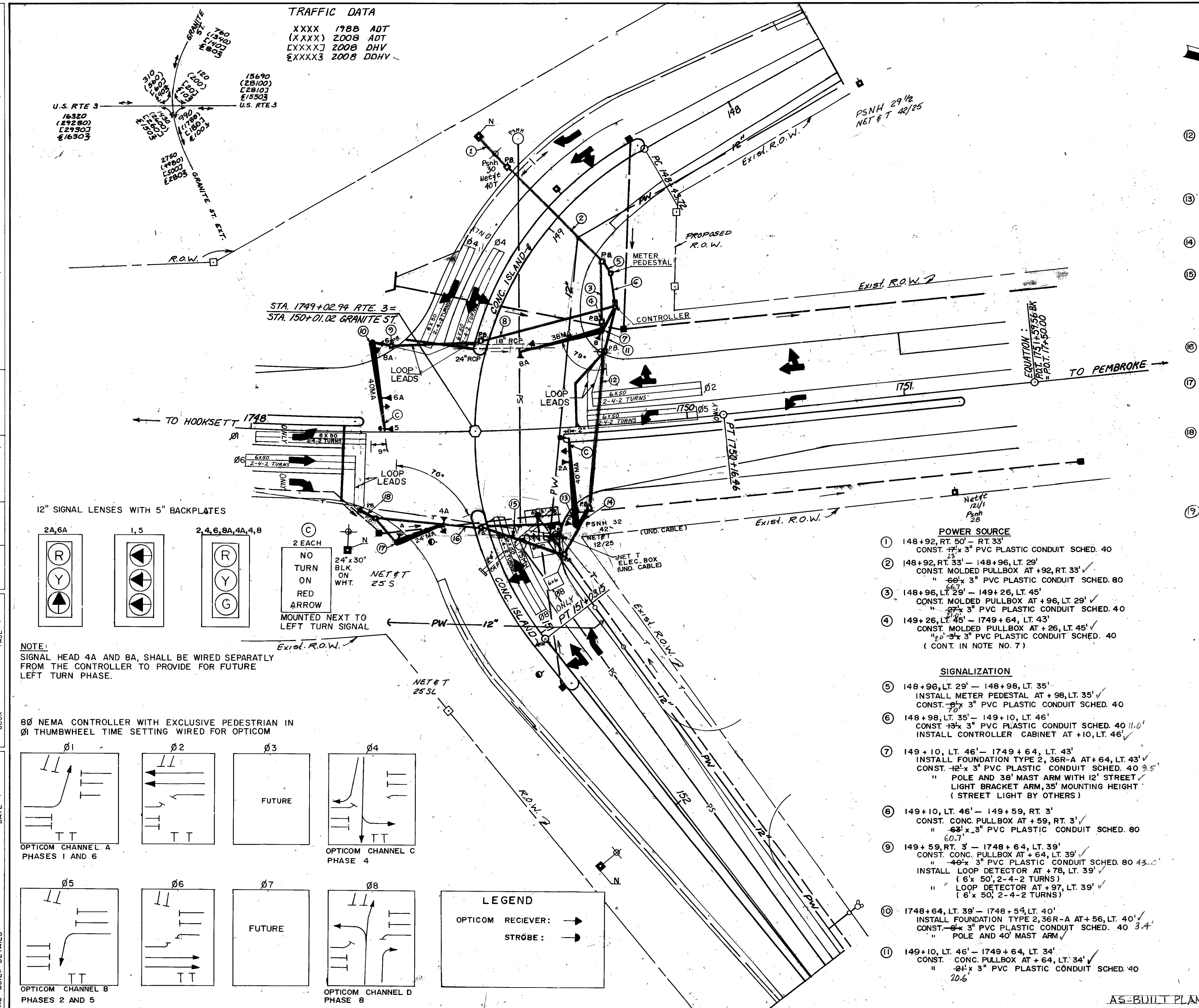
DETAIL SHEET
SIDEWALK CONSTRUCTION PROJECT

14

REVISIONS AFTER PROPOSAL		STATION	DESCRIPTION

DATE	NUMBER	DESCRIPTION

NOTEBOOKS		DATE	DESCRIPTION



12 1749+64, LT. 34' — 1749+53, RT. 37' / CONST. 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 68.5' / CONST. CONC. PULLBOX AT +53, RT. 37' / INSTALL LOOP DETECTOR AT +55, LT. 2' (6' x 50', 2-4-2 TURNS) / LOOP DETECTOR AT +57, LT. 12' (6' x 50', 2-4-2 TURNS)

13 1749+53, RT. 37' — 1749+47, RT. 45' / INSTALL FOUNDATION TYPE 2, 36R-A AT +47, RT. 45' / CONST. 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / POLE AND 40' MAST ARM

14 1749+52, RT. 37' — 1749+39, RT. 58' / CONST. CONC. PULLBOX AT +39, RT. 58' / 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 27.4'

15 1749+39, RT. 58' — 1749+03, RT. 44' / CONST. CONC. PULLBOX AT +03, RT. 44' / 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 40.2' / INSTALL LOOP DETECTOR AT +30, RT. 41' (6' x 15') / " " " " +30, RT. 56' (6' x 10') / " " " " +35, RT. 70' (6' x 6') / " " " " +10, RT. 40' (6' x 50', 2-4-2 TURNS)

16 1749+03, RT. 44' — 1748+57, RT. 39' / CONST. CONC. PULLBOX AT +57, RT. 39' / 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 52.4'

17 1748+57, RT. 39' — 1748+67, RT. 51' / CONST. 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 9.0' / INSTALL FOUNDATION TYPE 2, 24R AT +67, RT. 51' / CONST. POLE AND 24' MAST ARM

18 1748+57, RT. 39' — 1748+50, RT. 36' / CONST. CONC. PULLBOX AT +50, RT. 36' / 1/2" x 3" PVC PLASTIC CONDUIT SCHED. 40 / 14.5' / INSTALL LOOP DETECTOR AT +48, RT. 14' (6' x 50', 2-4-2 TURNS) / LOOP DETECTOR AT +53, RT. 4' (6' x 50', 2-4-2 TURNS)

19 GRANITE ST. (FOR FIRE ALARM) / 147+55 ± RT. 47' TO LT. 40' / SCH 40 CONST. 2.50" x 3" PVC PLASTIC CONDUIT / CONST. PULL BOX AT LT. 40' / SCH 50 CONST. 6.65" x 3" PVC PLASTIC CONDUIT

