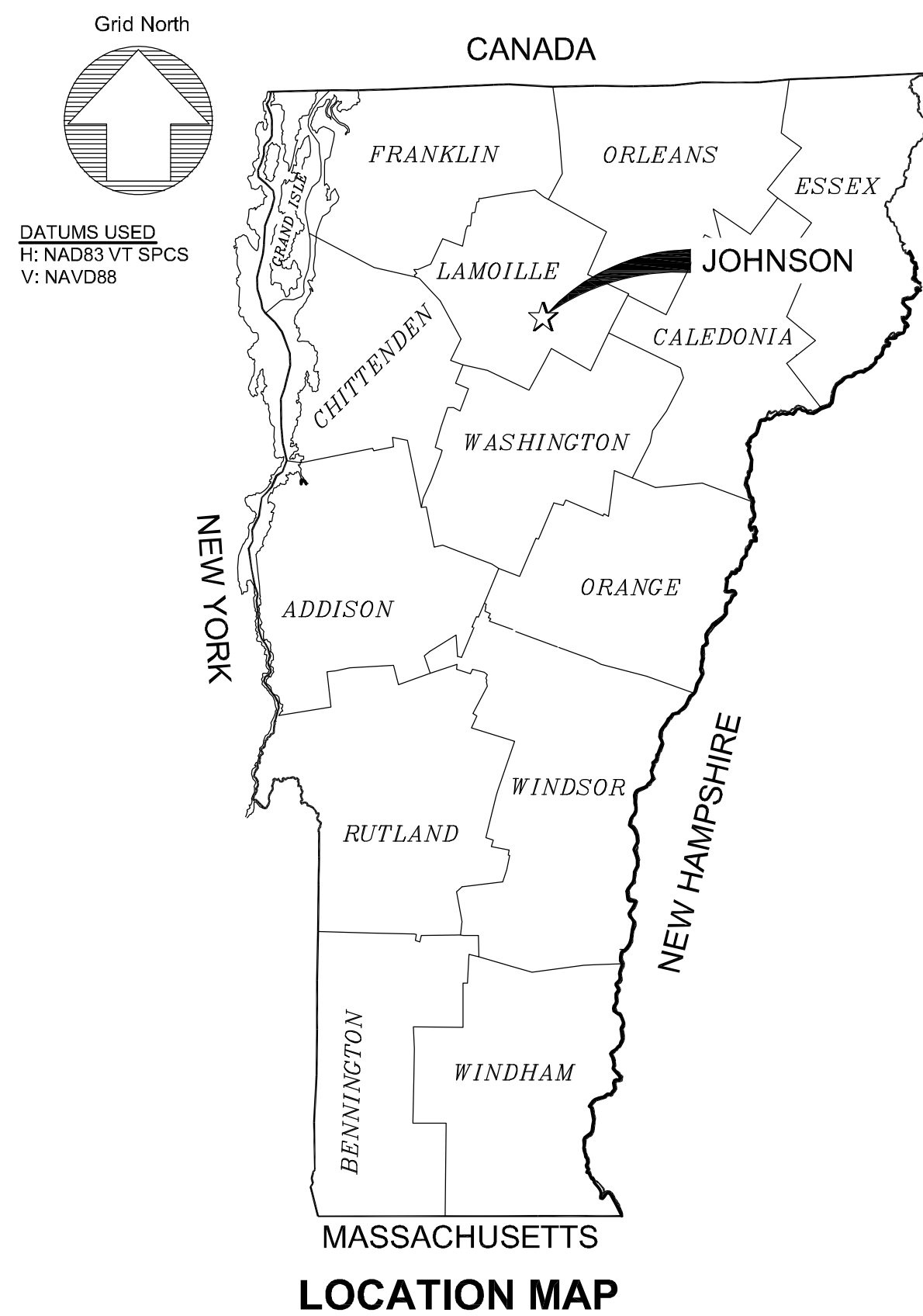


PLANS FOR CONSTRUCTION OF PEARL STREET SIDEWALK RECONSTRUCTION PROJECT STP BP 18(23) VILLAGE OF JOHNSON, VERMONT COUNTY OF LAMOILLE



PROJECT LOCATION: PEARL STREET IN JOHNSON, VERMONT
 PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REPLACEMENT OF EXISTING PAVED SIDEWALK WITH CONCRETE SIDEWALK, CONCRETE CURB, AND INCIDENTAL ITEMS.
 LENGTH OF PROJECT : APPROXIMATELY 400 FEET

TRUSTEE MEMBERS:
 GORDON SMITH (CHAIR)
 PHIL WILSON
 SCOTT MEYER
 BRIAN RAULINAITIS
 BOB SWEETSER

VILLAGE MANAGER:
 MEREDITH BIRKETT

JULY 3, 2019

**85% DESIGN
 SUBMITTAL
 NOT FOR CONSTRUCTION**



VICINITY MAP
 SCALE: 1" = 500'

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GENERAL NOTES

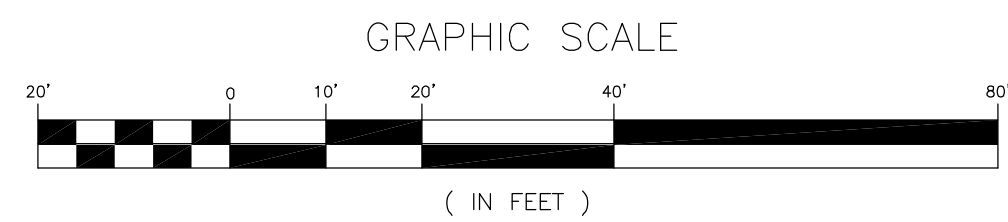
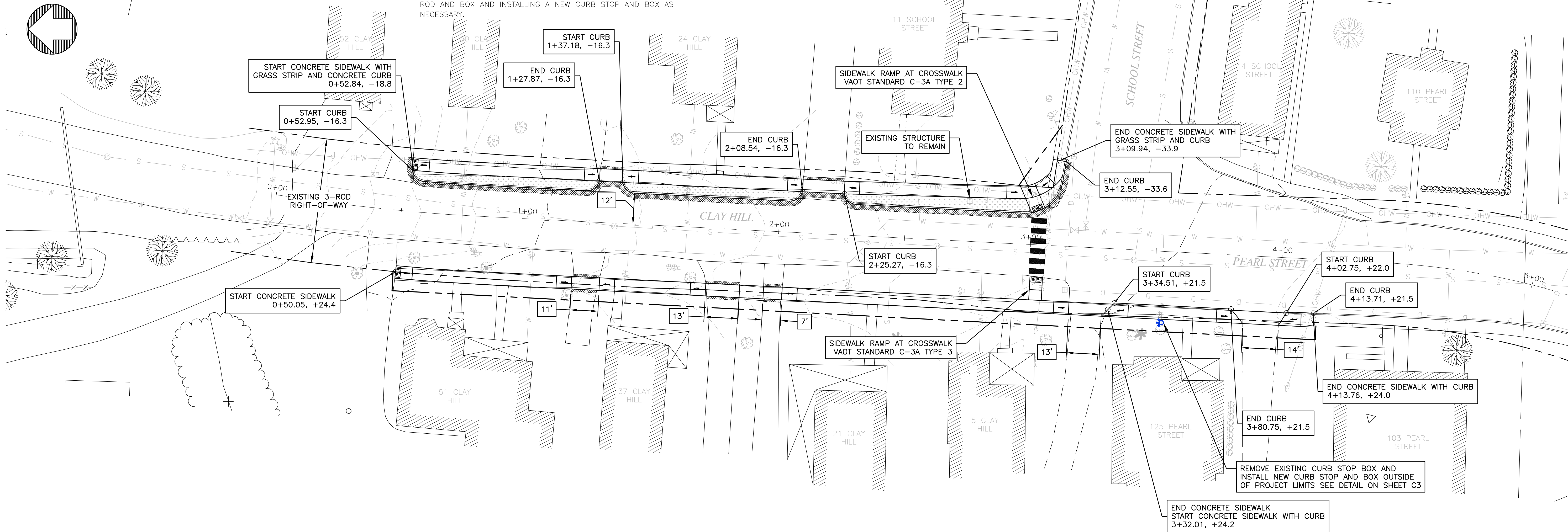
- TOPOGRAPHIC SURVEY FOR PEARL STREET WAS COMPLETED BY DUFRESNE GROUP ON MARCH 19, 2019. ELEVATIONS ARE BASED ON USGS NAD 83 DATUM.
- THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINE INFORMATION SHOWN IS BASED ON TAX MAP INFORMATION PROVIDED BY THE VILLAGE OF JOHNSON.
- CONTRACTOR SHALL USE EXTREME CAUTION TO PREVENT DAMAGE TO EXISTING UTILITIES. CONTRACTOR SHALL COORDINATE WITH DIG SAFE (1-888-DIG SAFE) A MINIMUM OF 72 HOURS PRIOR TO EXCAVATION. CONTRACTOR SHALL FURTHER COORDINATE WITH THE MUNICIPALITY TO VERIFY THE LOCATIONS OF EXISTING UTILITIES.
- CONTRACTOR SHALL EXERCISE DUE CARE TO PREVENT DAMAGE TO ROOT SYSTEMS OF EXISTING VEGETATION. ALL GRASS AREAS DISTURBED SHALL BE RESTORED IN ACCORDANCE WITH SPECIAL PROVISION 900.645 CLASS A RESTORATION OF GROWTH. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, CARE & REPLANTING OF ALL PLANTINGS AND SHRUBS DISTURBED DURING CONSTRUCTION
- ALL WORK SHALL BE DONE IN PUBLIC RIGHT-OF-WAY OR EASEMENT AREAS.
- ALL EXISTING UNDERGROUND UTILITIES WERE LOCATED USING THE BEST AVAILABLE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. ALL REPAIRS TO DAMAGED UTILITIES SHALL BE MADE BY THE CONTRACTOR USING MATERIALS APPROVED BY THE ENGINEER PRIOR TO INSTALLATION AT NO COST TO THE VILLAGE.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND ELECTRIC, CABLE AND TELEPHONE LINES AND TAKE NECESSARY PRECAUTIONS IN STRICT ACCORDANCE WITH OSHA STANDARDS DURING CONSTRUCTION. CONTRACTOR SHALL CONTACT THE LOCAL POWER UTILITY AND TELEPHONE UTILITY REGARDING ANY NECESSARY SUPPORT OF ANY UTILITY POLES DURING CONSTRUCTION. LOCAL ELECTRIC UTILITY IS VILLAGE OF JOHNSON (PH.). LOCAL PHONE UTILITY IS CONSOLIDATED COMMUNICATIONS (PH. 866-984-2001).
- GENERALLY HEAVY OR DARK LINE WORK OR NOTES REFER TO PROPOSED IMPROVEMENTS. LIGHT LINE WORK OR TEXT GENERALLY DENOTES EXISTING FEATURES.
- CONTRACTOR SHALL MAKE EVERY EFFORT TO ALLOW ACCESS TO AND FROM DRIVEWAYS LOCATED ALONG THE ROUTE OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. COORDINATE MAJOR WORK ON COMMERCIAL AND MUNICIPAL ACCESSES WITH THE OWNER AT

- LEAST ONE WEEK PRIOR TO STARTING WORK. ACCESS TO RESIDENTIAL PROPERTIES MAY BE RESTRICTED FOR A MAXIMUM OF A FEW HOURS. THIS WORK WILL BE COORDINATED WITH THE OWNER. ALL ACCESS SHALL BE KEPT FREE OF WORK AND TRAFFIC SHALL BE CONTROLLED BY FLAGGERS AS REQUIRED.
- CONTRACTOR SHALL MAINTAIN ONE LANE OPEN TO TRAFFIC AT ALL TIMES AND SHALL MINIMIZE IMPACTS TO AUTOMOBILE AND PEDESTRIAN TRAFFIC AS REQUIRED. ALL CONSTRUCTION SIGNAGE SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE VERMONT STANDARDS SPECIFICATIONS FOR CONSTRUCTION (2018) AND THE SPECIAL PROVISIONS PROVIDE NECESSARY INFORMATION AND ARE PART OF THE CONTRACT DOCUMENTS FOR THIS PROJECT.
- ANY SPOT ELEVATIONS ARE PROVIDED FOR REFERENCE ONLY. FINAL ELEVATIONS MAY VARY AS NECESSARY TO MAINTAIN DRAINAGE AND COMPLIANCE OF ALL SIDEWALK IMPROVEMENTS WITH AMERICAN DISABILITIES ACT REQUIREMENTS, VERMONT AGENCY OF TRANSPORTATION (VAOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND VAOT STANDARD DRAWINGS, LATEST VERSIONS.
- REFER TO ADDITIONAL DETAILS ON SHEET C3 FOR SIDEWALK, RAMP, CURB, CROSSWALK, DRIVES AND APPURTENANT CONSTRUCTION REQUIREMENTS
- CONTRACTOR SHALL COMPLY WITH THE LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL.
- ALL EXISTING HIGHWAY SIGNS SHALL BE MAINTAINED DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE TEMPORARY INSTALLATION AS NECESSARY.
- NO WORK IS ANTICIPATED OUTSIDE THE EXISTING RIGHT-OF-WAY OR EASEMENT AREAS. SHOULD THE CONTRACTOR EXTEND THE WORK AREA OUTSIDE THE EXISTING RIGHT-OF-WAY/EASEMENT AREAS, THE CONTRACTOR WILL BE RESPONSIBLE FOR NEGOTIATIONS WITH LANDOWNERS PRIOR TO WORK OUTSIDE THE AREAS PROVIDED AND RESTORATION WITH NO ADDITIONAL COSTS TO THE VILLAGE.
- CONTRACTOR SHALL PROVIDE TEMPORARY CROSSWALK(S) TO DIRECT PEDESTRIAN TRAFFIC AWAY FROM THE CONSTRUCTION AREA PARTICULARLY WHILE CONSTRUCTION IS OCCURRING IF NECESSARY. CROSSWALKS SHALL LEAD PEDESTRIANS ONLY TO SIDEWALK OR ALTERNATIVE PEDESTRIAN PATHS THAT ARE SEPARATED FROM VEHICLE TRAFFIC WITH APPROPRIATE CHANNELIZING DEVICES.
- AN ADA COMPLIANT CONNECTION FROM THE EXISTING WALKWAY TO THE PROPOSED SIDEWALK MUST BE PROVIDED.
- CURB STOP SHUT OFF VALVES FOR WATER SERVICE THAT ARE IN THE LIMITS OF THE NEW SIDEWALK SHALL BE RELOCATED BY REMOVING THE ROD AND BOX AND INSTALLING A NEW CURB STOP AND BOX AS NECESSARY.

LEGEND	
EXISTING:	
	BUILDING/STRUCTURE OUTLINE
	PAVED ROAD OUTLINE
	GRAVEL ROAD OUTLINE
	SIDEWALK
	WATER MAIN PIPE
	SEWER MAIN PIPE
	STORM DRAIN PIPE
	OVERHEAD WIRE
	RIGHT OF WAY
	MAJOR CONTOUR
	MINOR CONTOUR
	SIGNS
	FIRE HYDRANT
	WATER SHUTOFF VALVE
	WATER VALVE
	SEWER MANHOLE
	CATCH BASIN
	UTILITY POLE/GUY WIRE
	DECIDUOUS TREE
	CONIFEROUS TREE
	MAIL BOX
	TRAVERSE POINT
PROPOSED:	
	PAVED ROAD OUTLINE
	CURB
	SIDEWALK
	GRASSED AREA
	SAW CUT PAVEMENT

ABBREVIATIONS

CB	CATCH BASIN
CI	CAST IRON
CMP	CORRUGATED METAL PIPE
DI	DROP INLET
DIA	DIAMETER
EL	ELEVATION
HYD	FIRE HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IPF	IRON PIPE FOUND
SMH	SEWER MANHOLE
TBM	TEMPORARY BENCH MARK
TYP	TYPICAL
WSO	WATER SHUTOFF
TOC	TOP OF CONCRETE



SIDEWALK PLAN
SCALE: 1" = 20'

85% DESIGN SUBMITTAL
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DG
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REVISIONS	DATE	COMMENTS	BY

PEARL STREET SIDEWALK RECONSTRUCTION
STP BP 18(23)

GENERAL NOTES, LEGEND, ABBREVIATION AND SIDEWALK PLAN

VILLAGE OF JOHNSON, VERMONT

Project #	7190006
Project Mgr.	EAE
Design by	EAE
Drawn by	EAE
Reviewed by	REVIEWED BY
Approved by	NAME
Date	JULY 3, 2019
Scale	AS SHOWN

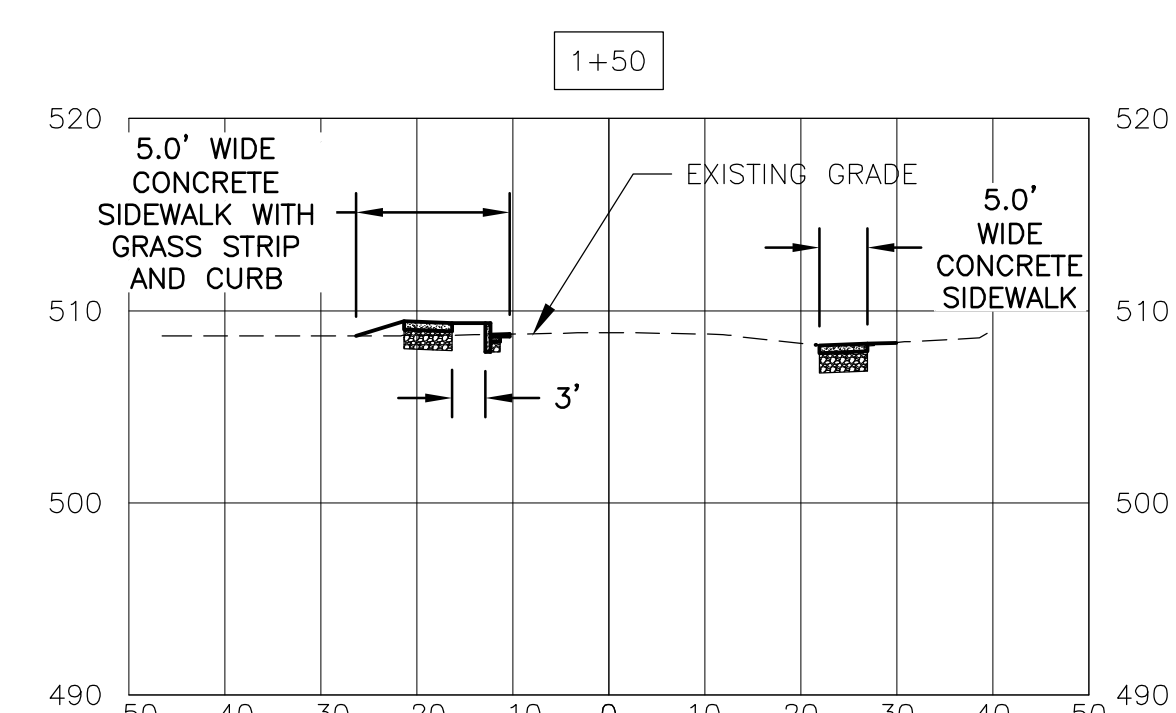
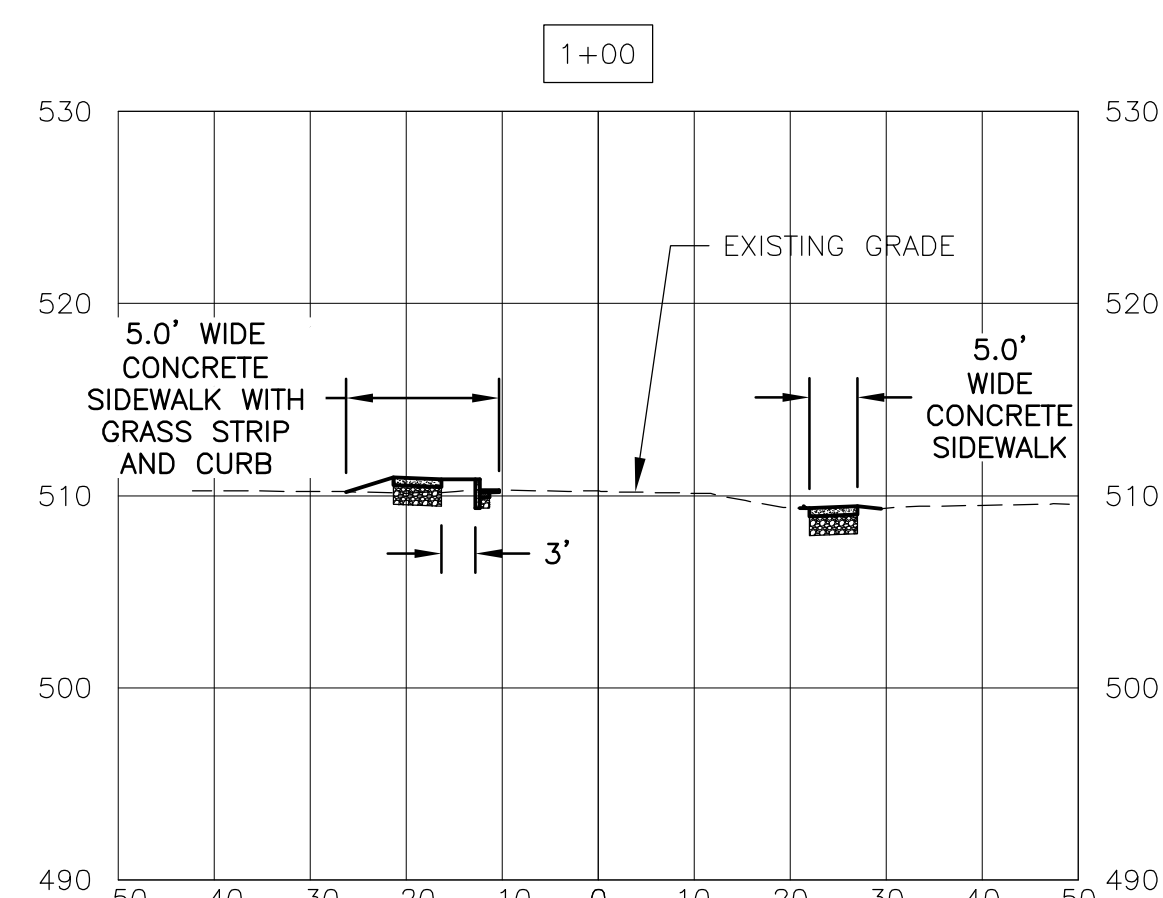
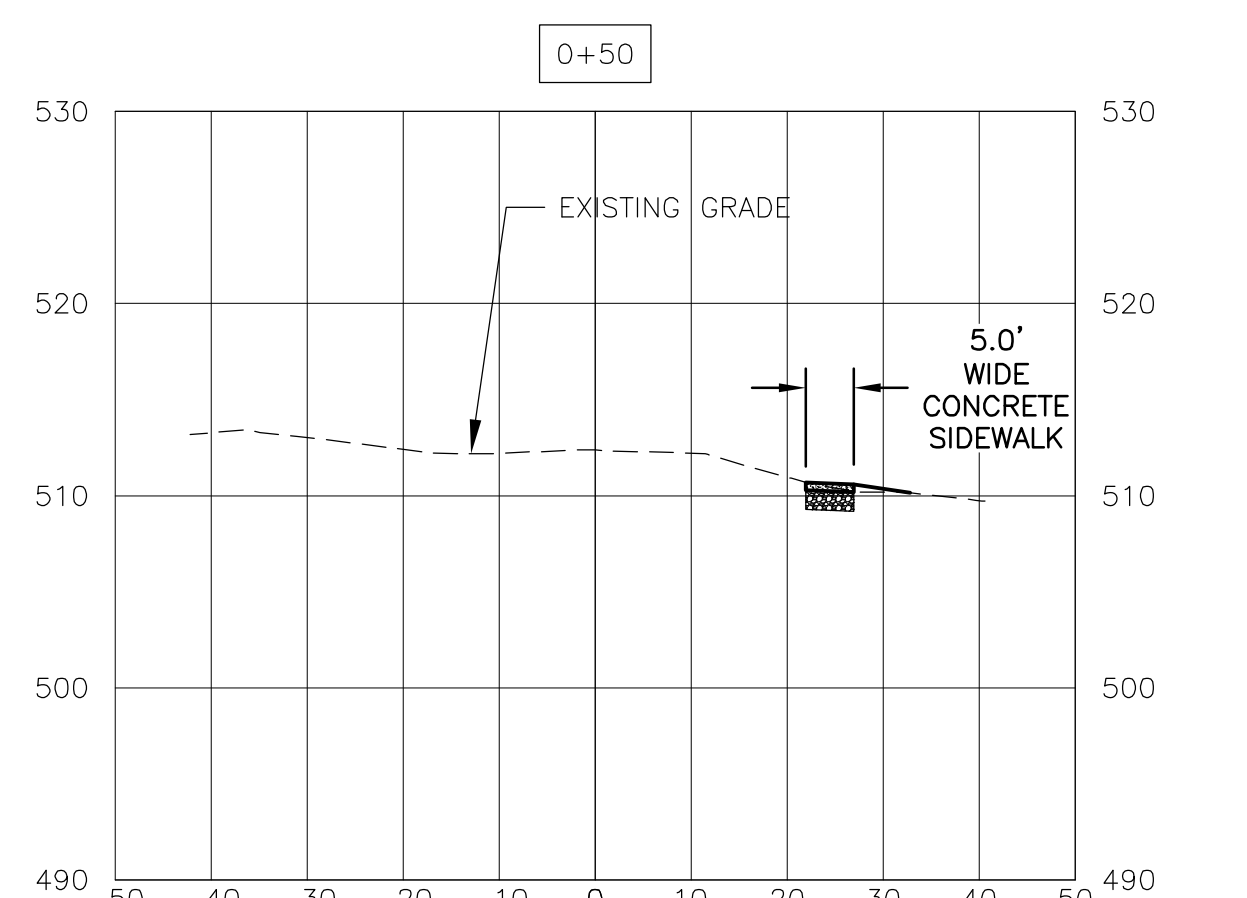
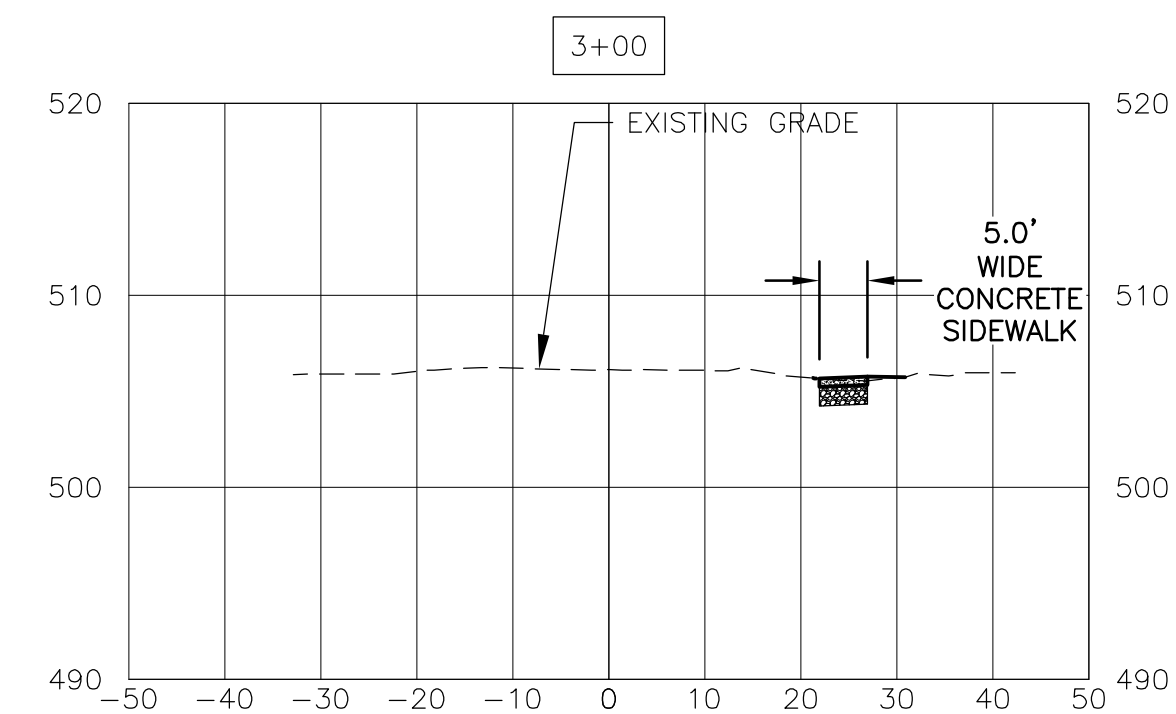
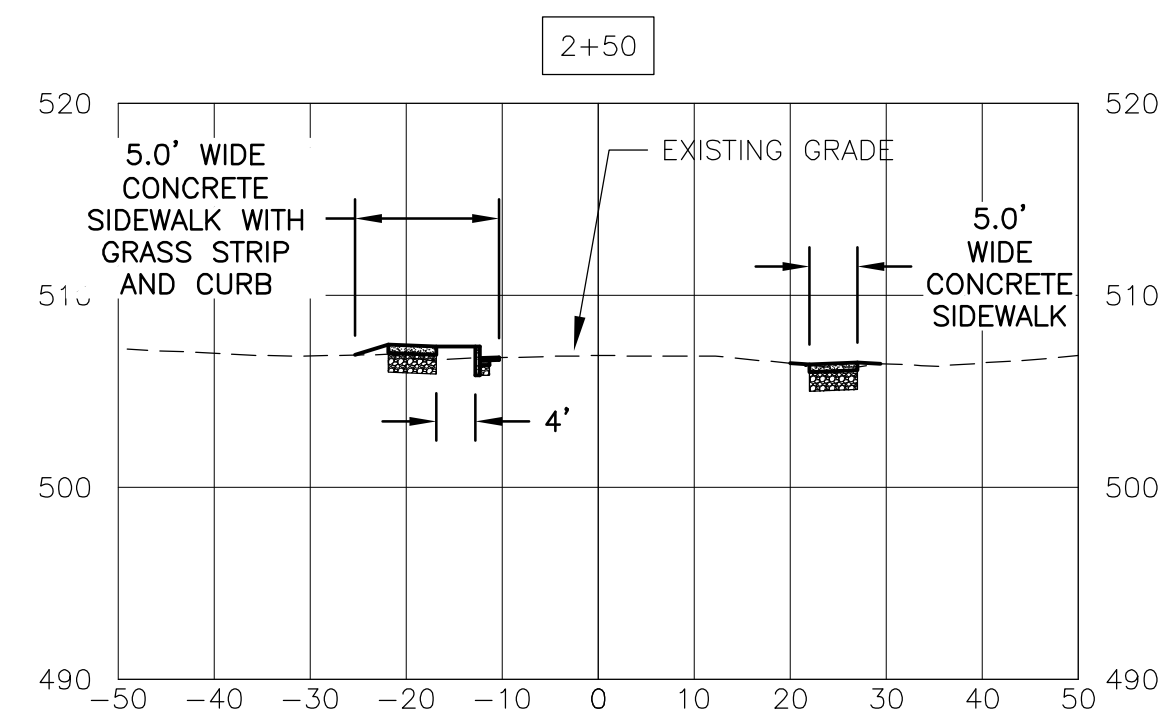
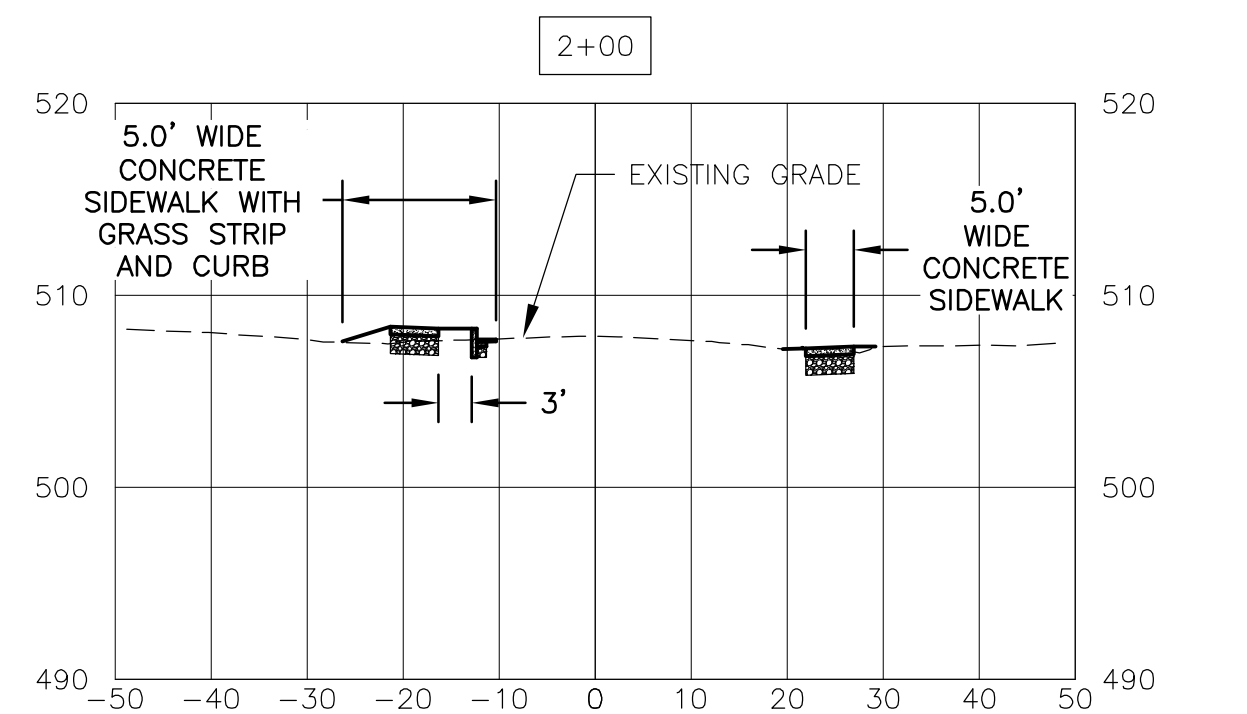
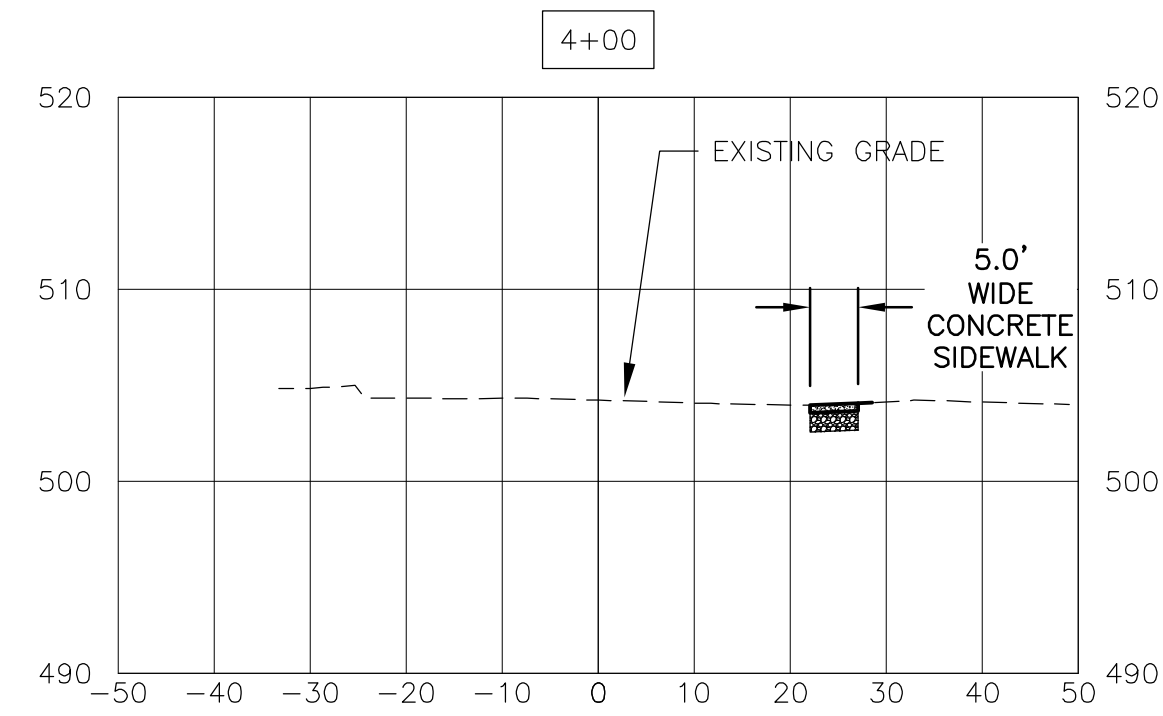
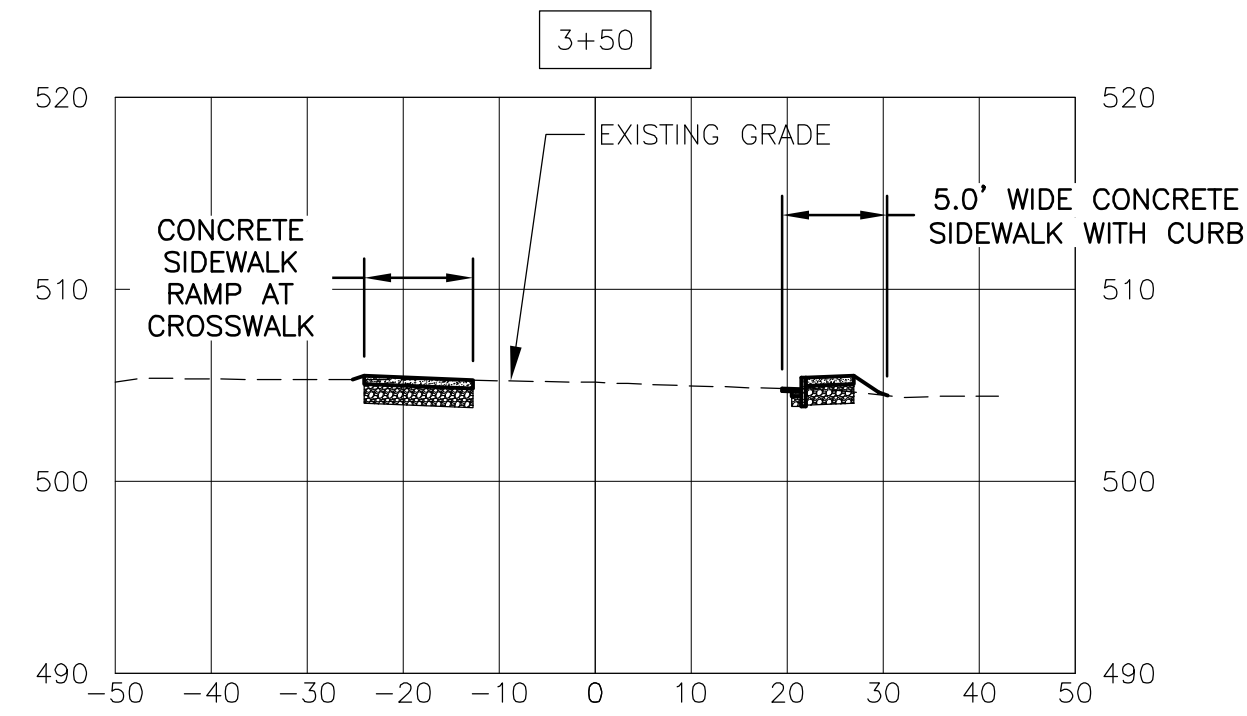
C1

SHEET 1 OF 3



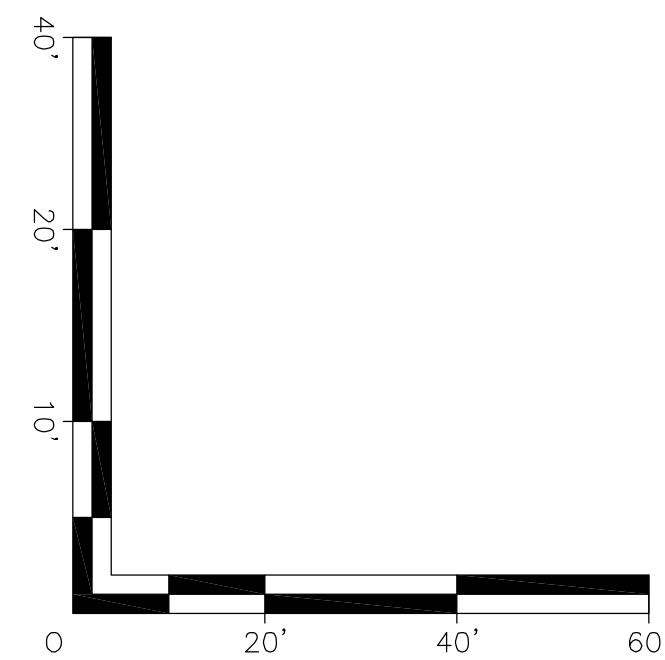
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CROSS SECTION

SCALE: H 1" = 20'
V 1" = 10'



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REVISIONS	DATE	COMMENTS	BY

PEARL STREET SIDEWALK RECONSTRUCTION
STP BP 18(23)

CROSS SECTION

VILLAGE OF JOHNSON, VERMONT

Project #	7190006
Project Mgr.	EAE
Design by	EAE
Drawn by	EAE
Reviewed by	REVIEWED BY
Approved by	NAME
Date	JULY 3, 2019
Scale	AS SHOWN

C2

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PEARL STREET SIDEWALK RECONSTRUCTION
STP BP 18(23)

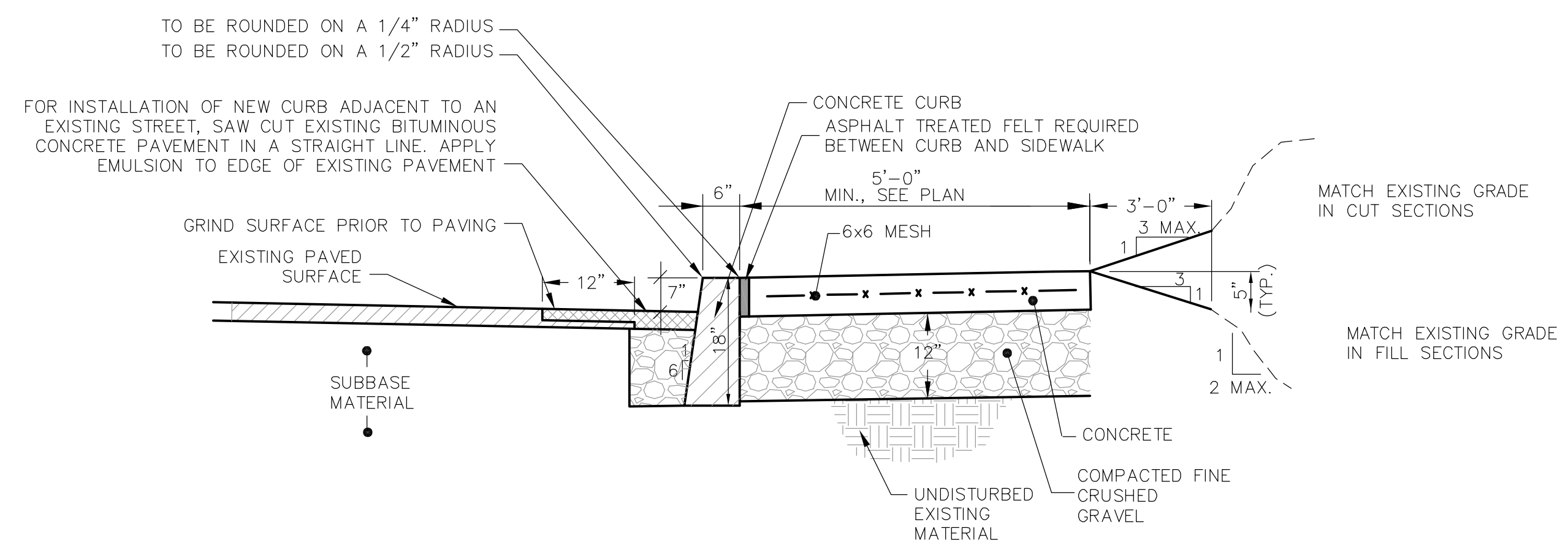
SIDEWALK AND MISCELLANEOUS DETAILS

VILLAGE OF JOHNSON, VERMONT

Project #	7190006
Project Mgr.	EAE
Design by	EAE
Drawn by	EAE
Reviewed by	REVIEWED BY
Approved by	NAME
Date	JULY 3, 2019
Scale	AS SHOWN

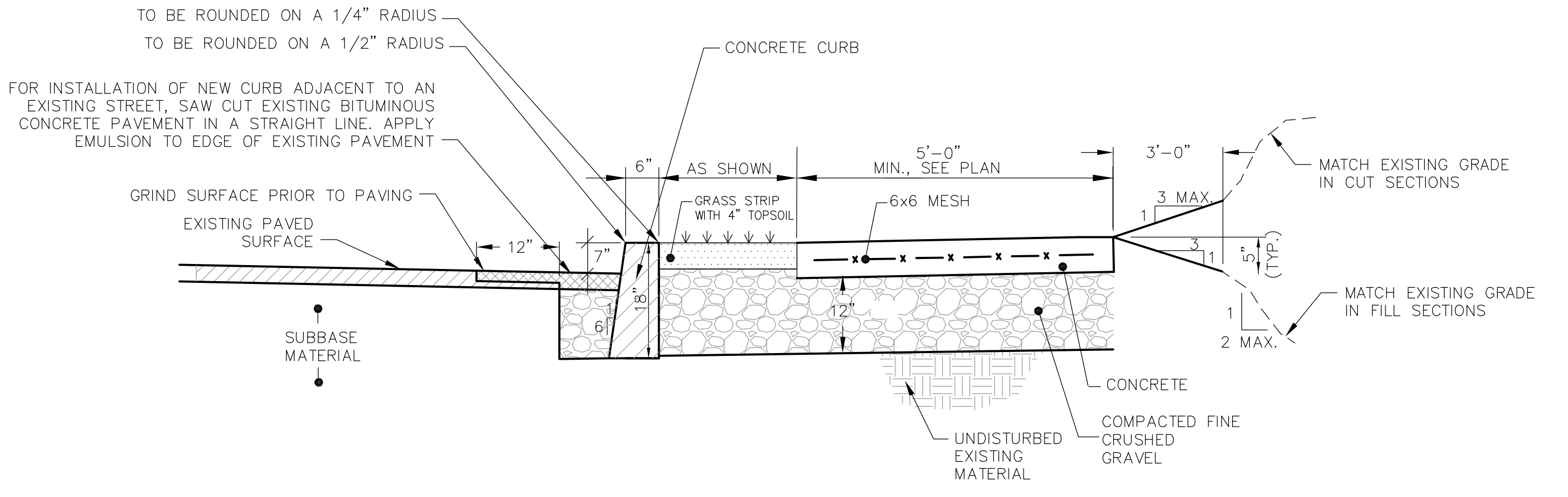
SHEET 3 OF 3

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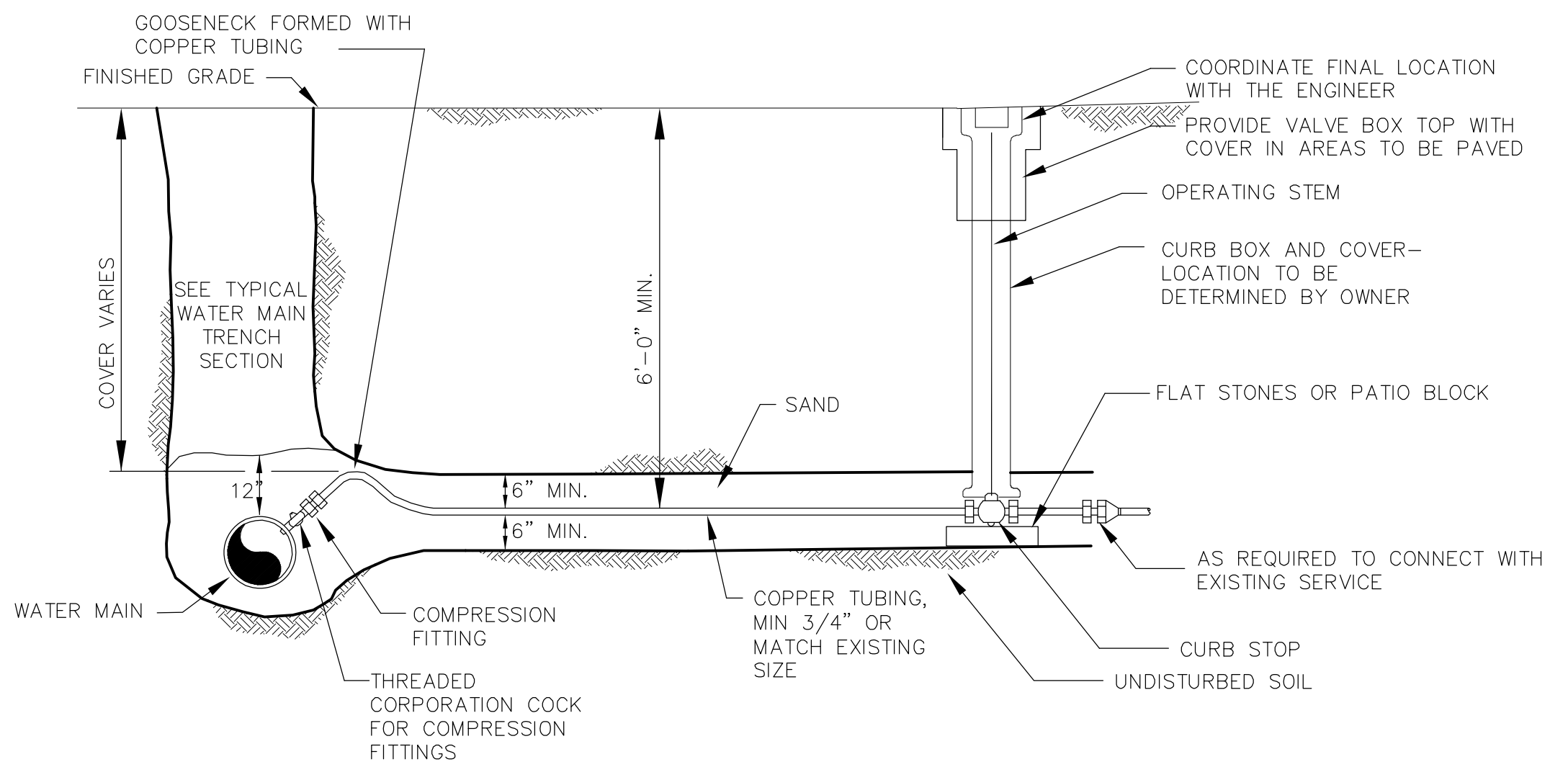
CONCRETE SIDEWALK WITH CURB DETAIL

NOT TO SCALE
NOTES:
1. RESTORE ALL DISTURBED GRASS AREA TO CLASS A RESTORATION.



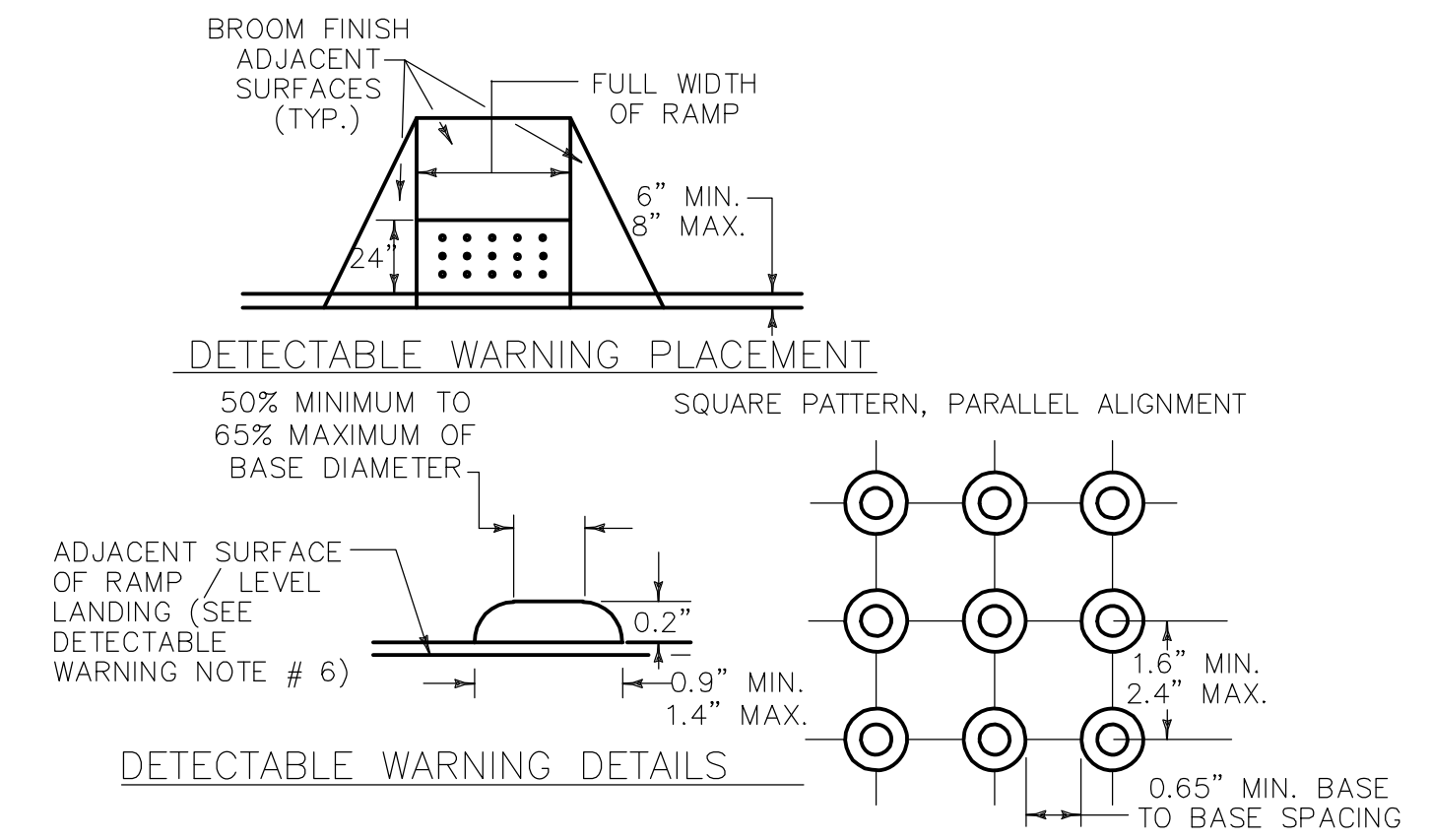
CONCRETE SIDEWALK WITH GRASS STRIP AND CURB DETAIL

NOT TO SCALE
NOTES:
1. RESTORE ALL DISTURBED GRASS AREA TO CLASS A RESTORATION.



TYPICAL SERVICE CONNECTION DETAIL

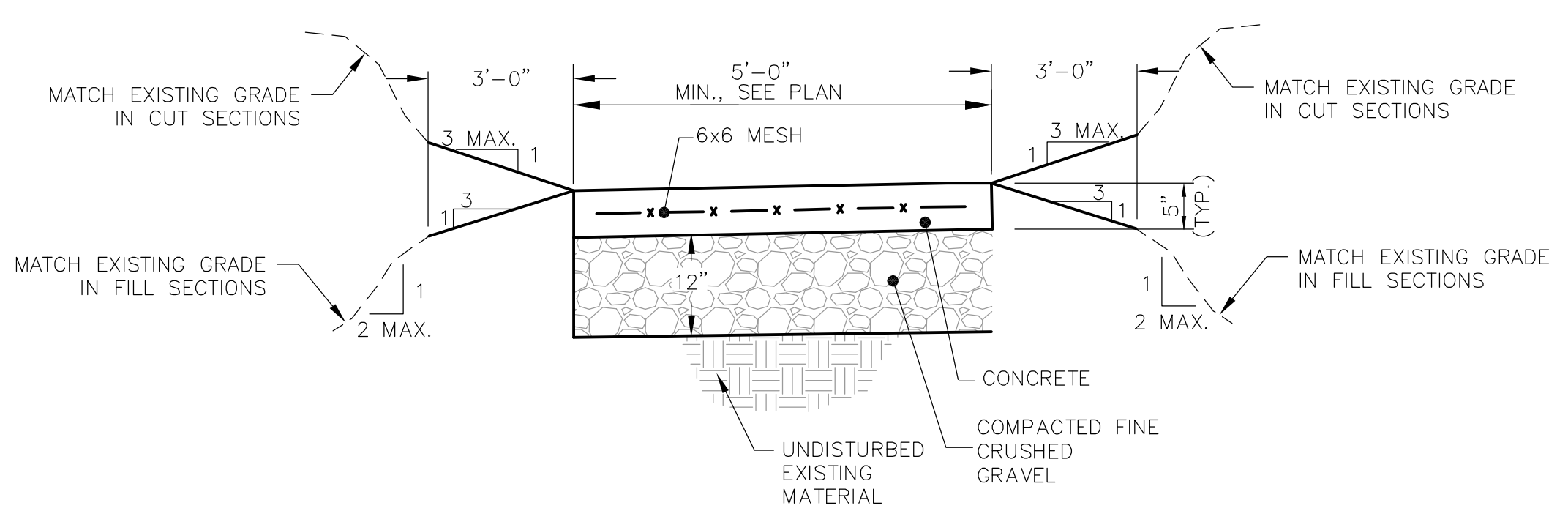
NOT TO SCALE
NOTES:
1. TAPPING SADDLE TO BE UTILIZED FOR ALL SERVICE TAPS ON PVC WATER MAIN



DETECTABLE WARNING NOTES:
1. CONCRETE ADJACENT TO ALL DETECTABLE WARNINGS SHALL HAVE A BROOM FINISH.
2. THE COLOR OF THE DETECTABLE WARNING SHALL PROVIDE A VISUAL CONTRAST TO THE SURROUNDING SURFACE AND SHALL BE SELECTED BY THE OWNER.
3. WHERE FEASIBLE, TRUNCATED DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF PEDESTRIAN TRAVEL.
4. WHERE A RAMP OR LEVEL LANDING MEETS A CURB RADIUS, ALIGN THE EDGE OF THE DETECTABLE WARNING AREA PARALLEL TO THE CURB TO THE MAXIMUM EXTENT FEASIBLE.
5. FOR SURFACE APPLIED TRUNCATED DOME PRODUCTS, A MAXIMUM 0.25" VERTICAL CHANGE IN ELEVATION IS ALLOWED. FOR CHANGES IN ELEVATION BETWEEN 0.25" AND 0.50", A BEVEL WITH A MAXIMUM 1:2 SLOPE IS REQUIRED. CHANGES IN ELEVATION GREATER THAN 0.50" MUST BE TREATED AS A RAMP - 8.3% MAXIMUM SLOPE.

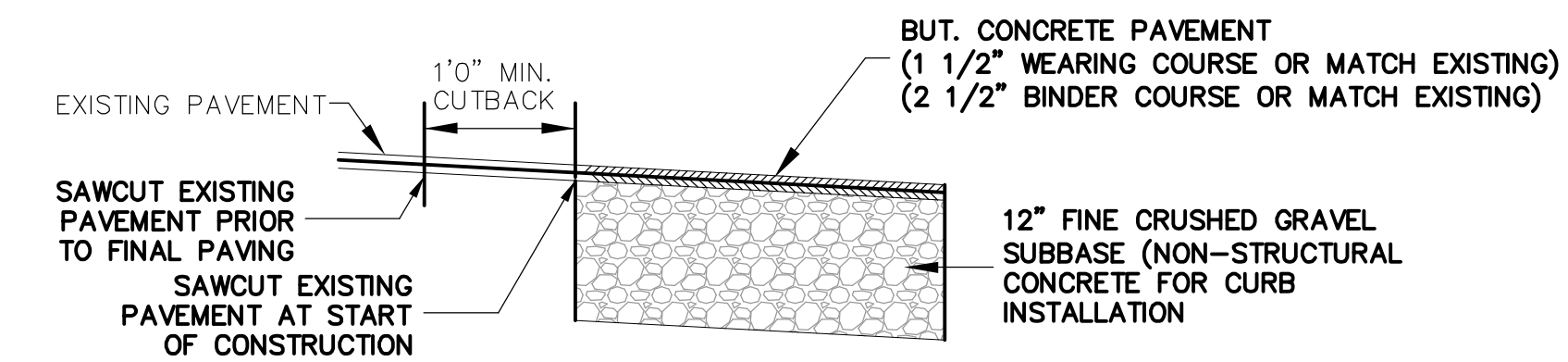
DETECTABLE WARNING DETAIL

NOT TO SCALE



CONCRETE SIDEWALK DETAIL

NOT TO SCALE
NOTES:
1. RESTORE ALL DISTURBED GRASS AREA TO CLASS A RESTORATION.



PAVEMENT SAWCUT DETAIL

NOT TO SCALE
NOTE: IF EXISTING PAVEMENT THICKNESS EXCEEDS DEPTHS SHOWN, THE GREATER SHALL BE USED.

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