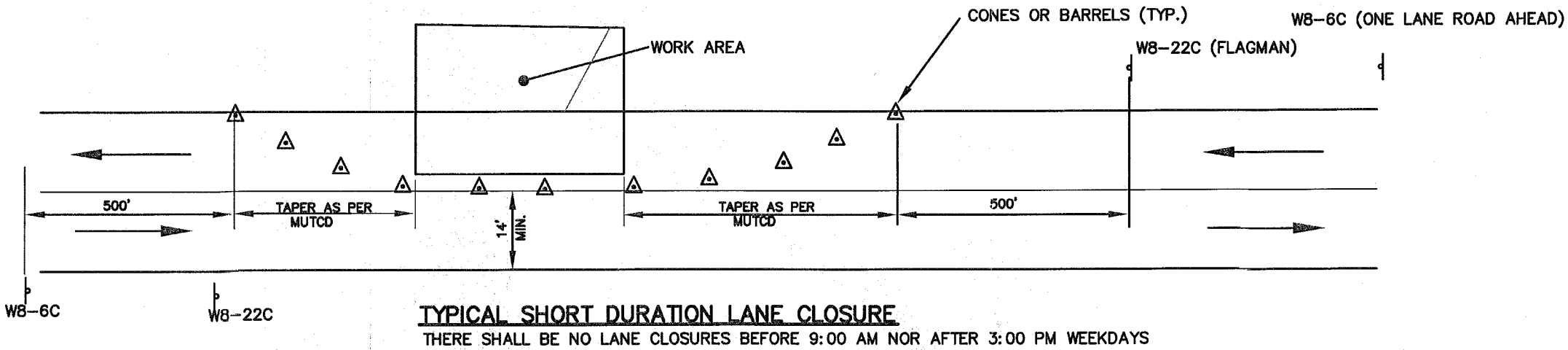
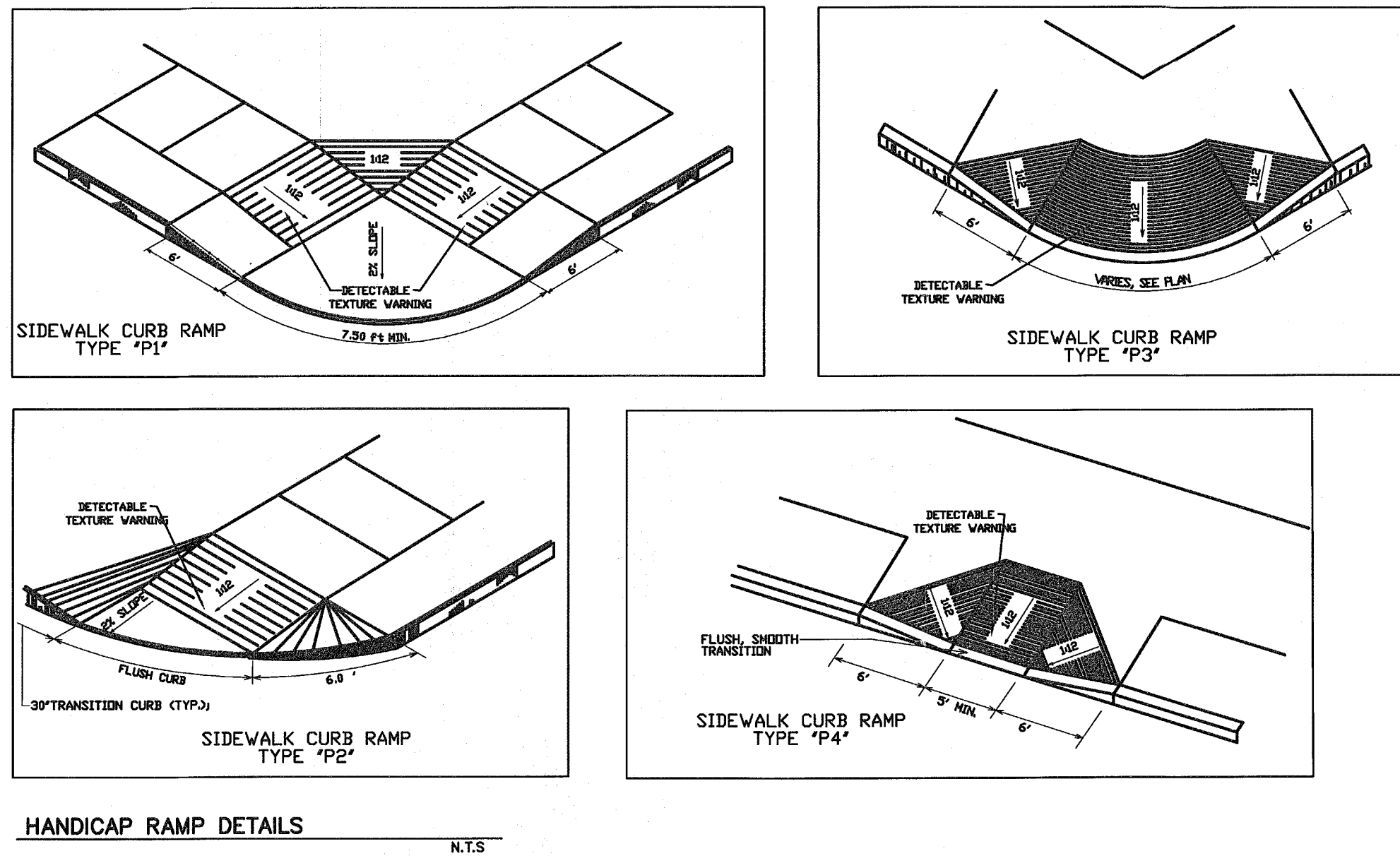
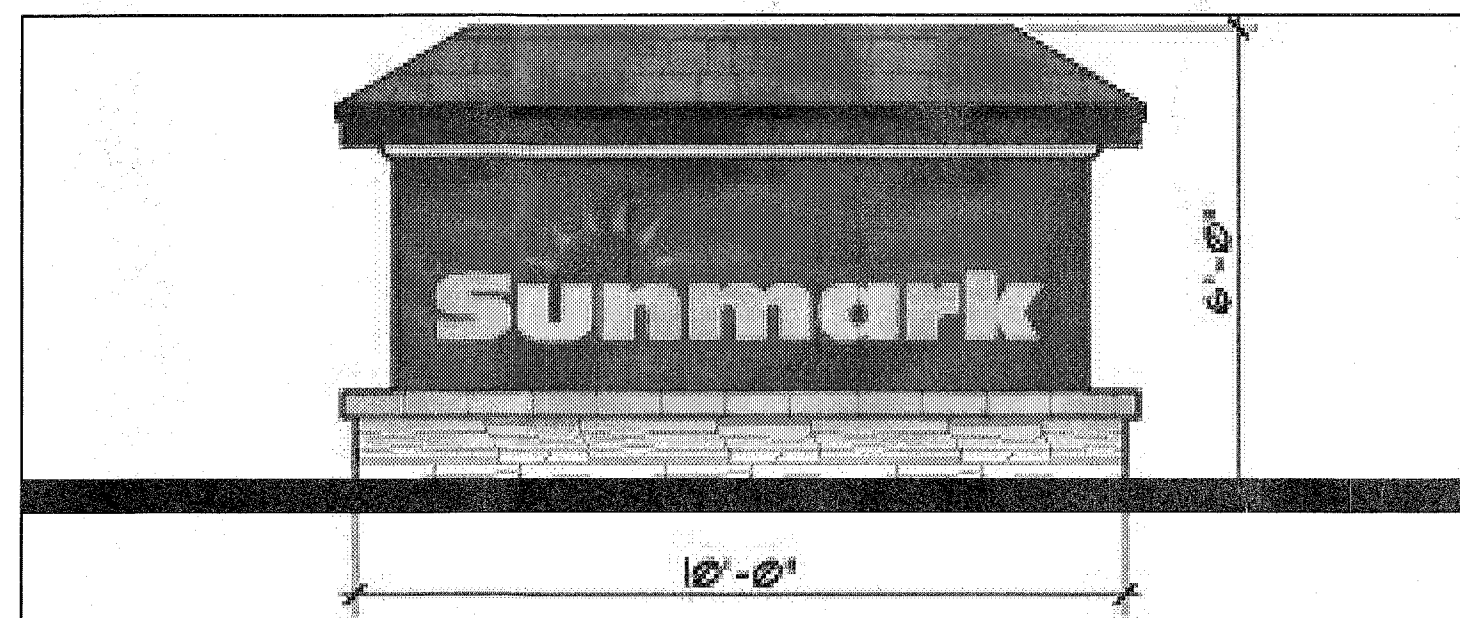
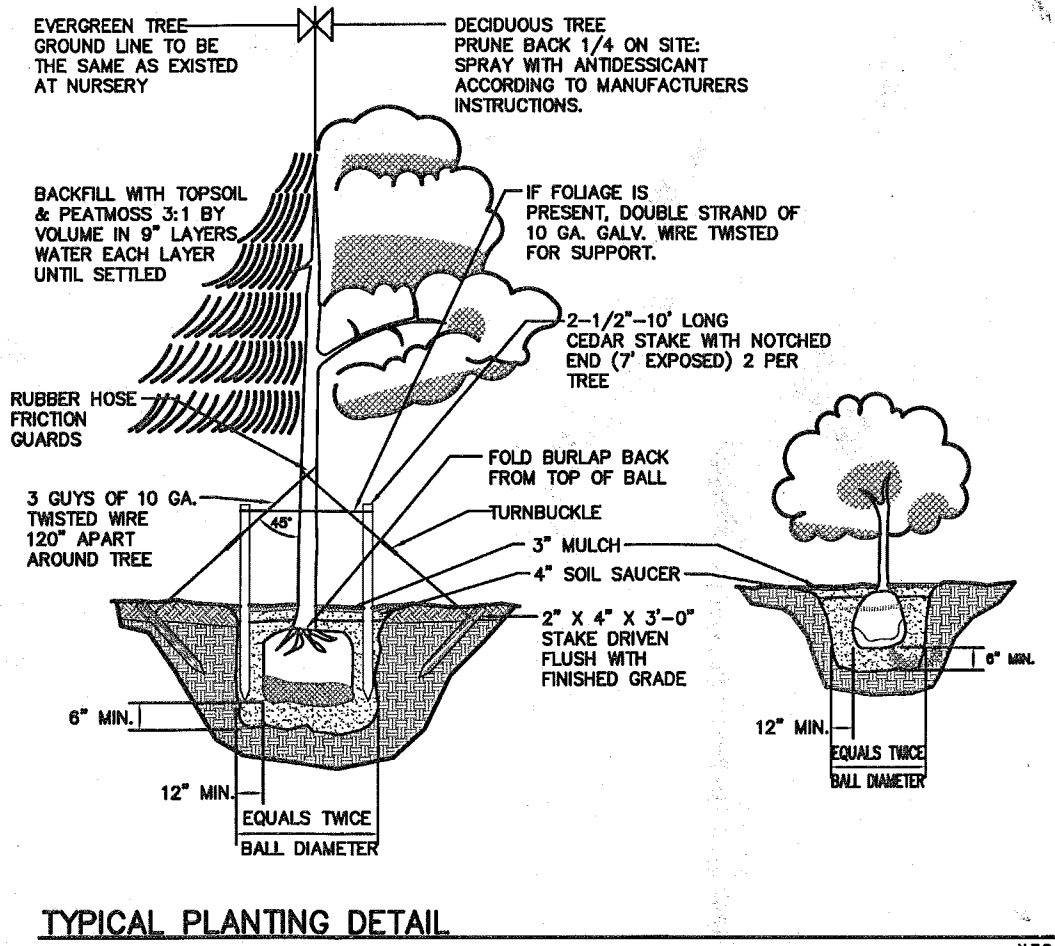
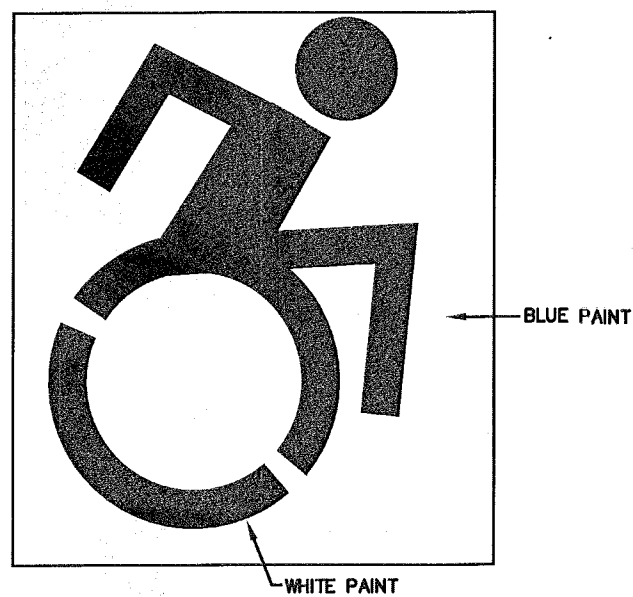
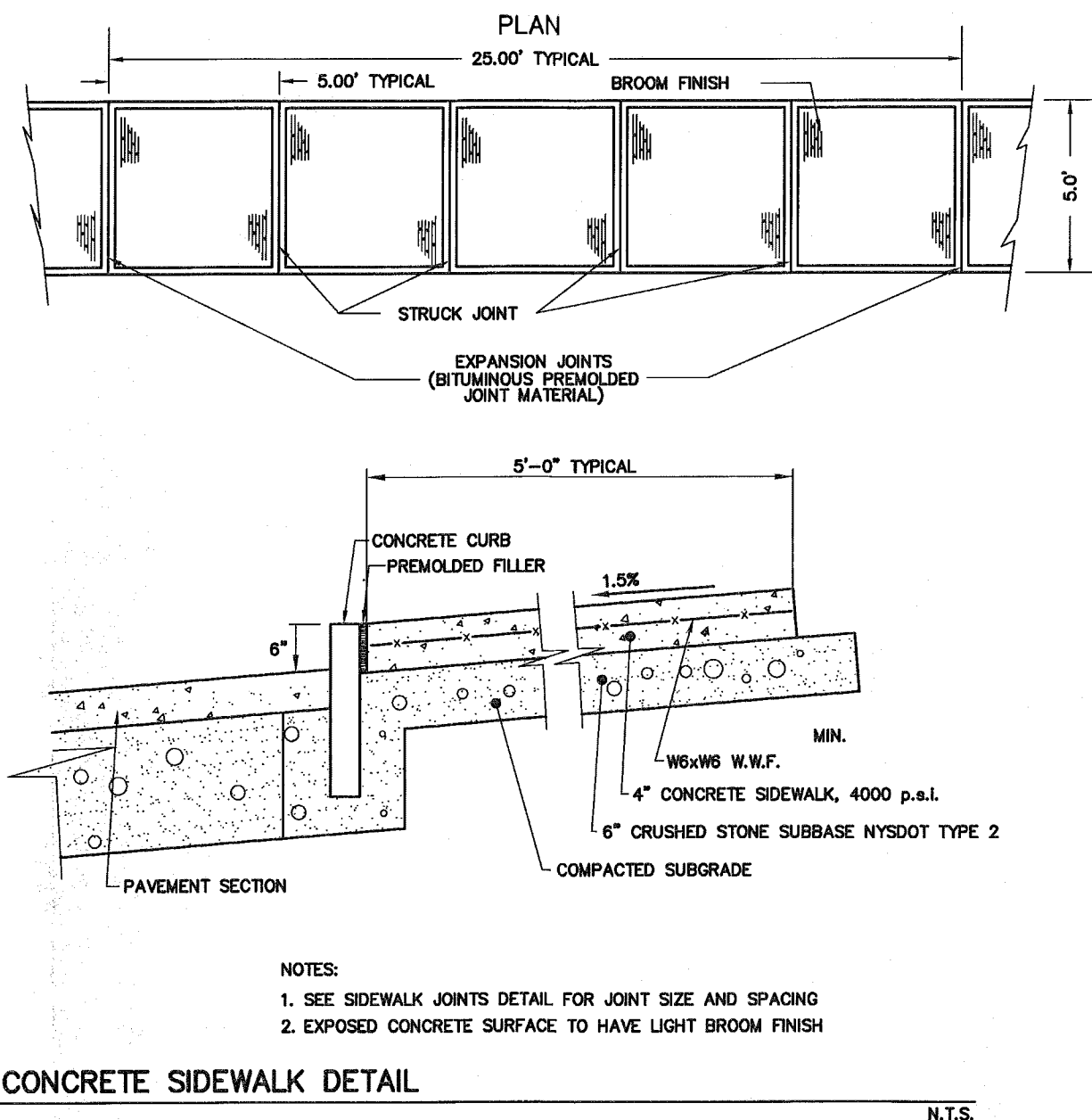
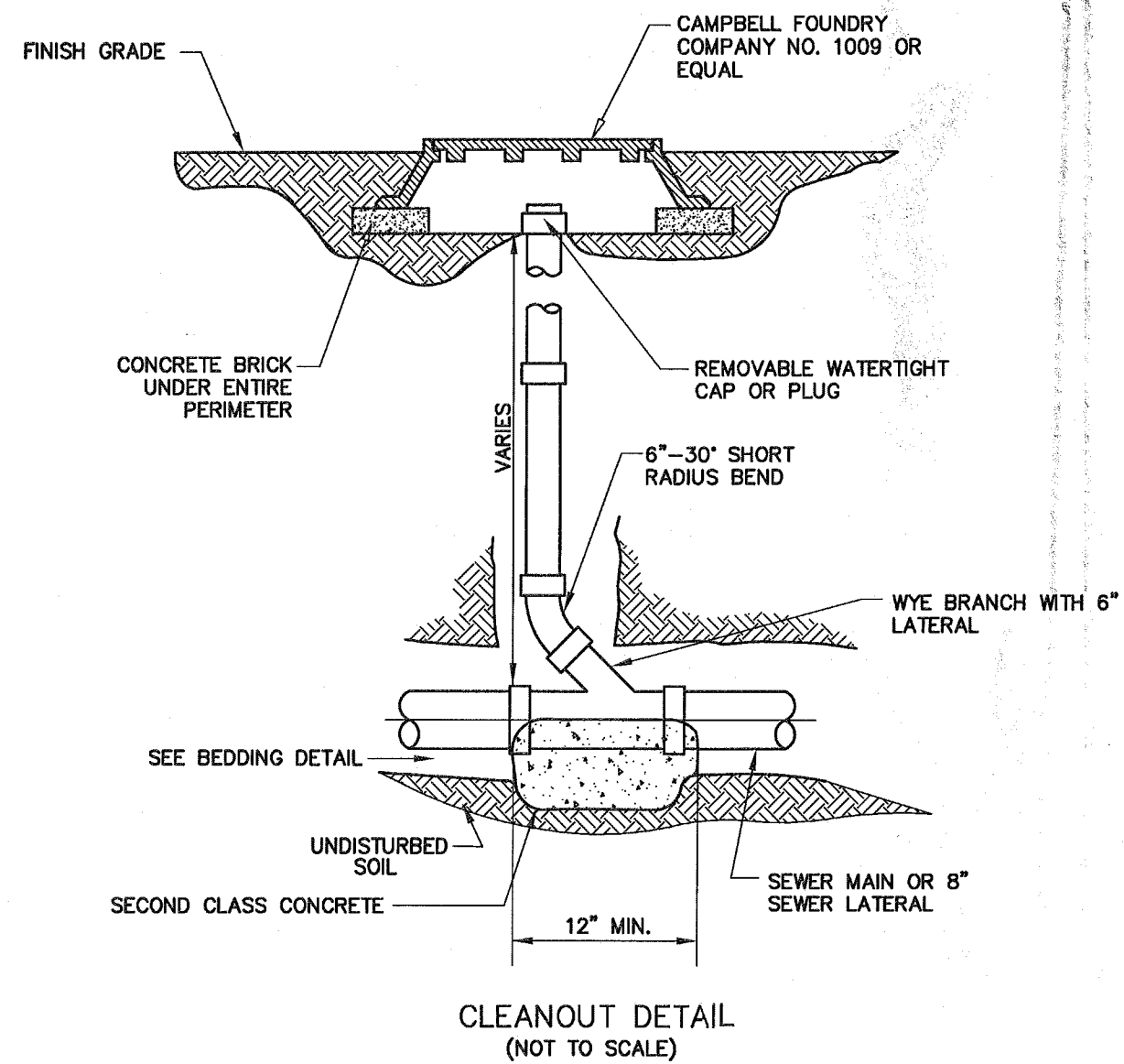
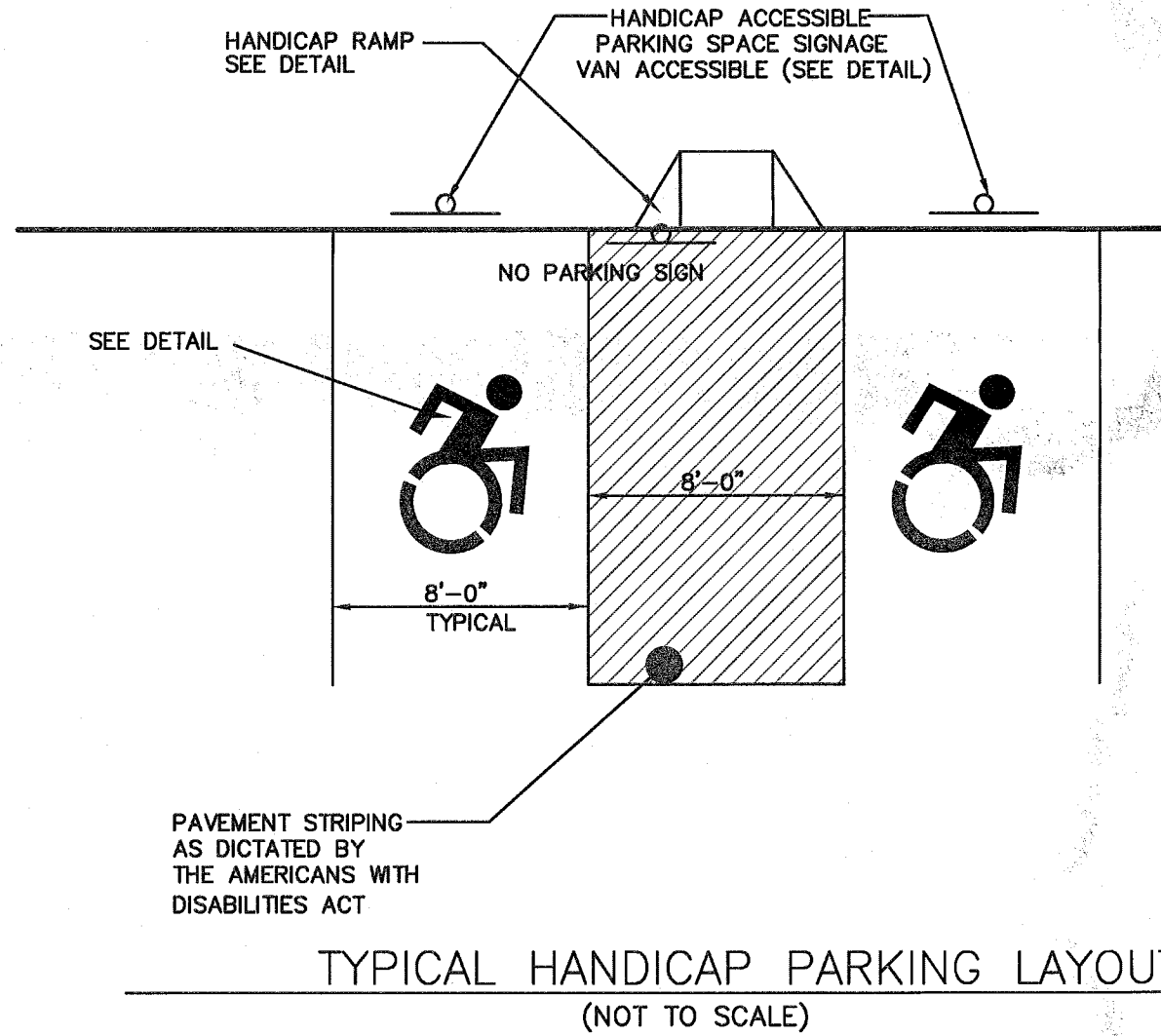
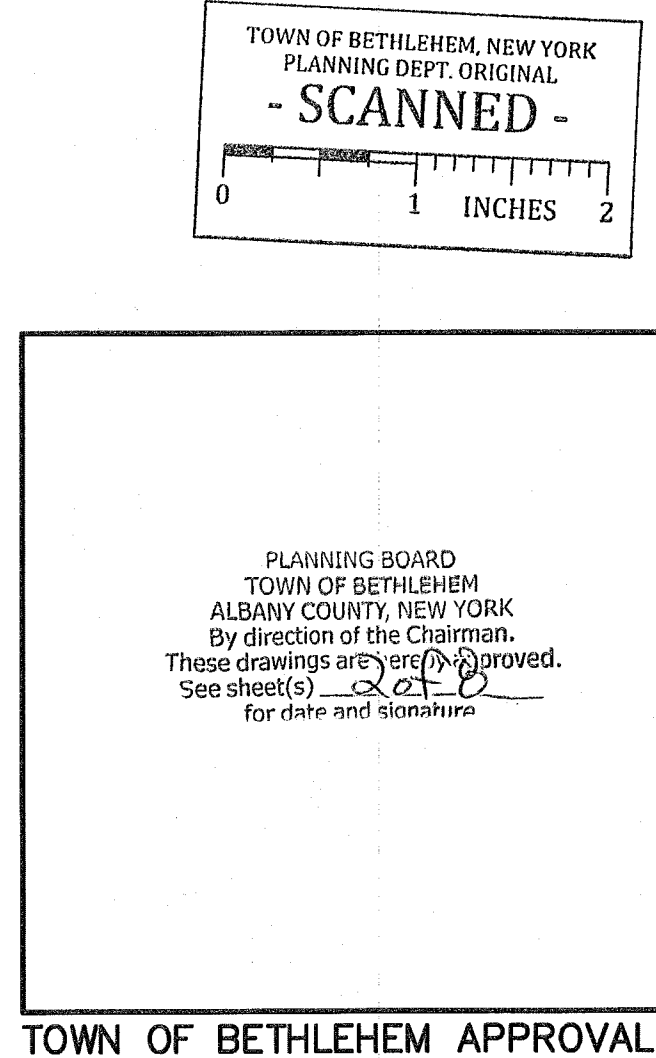
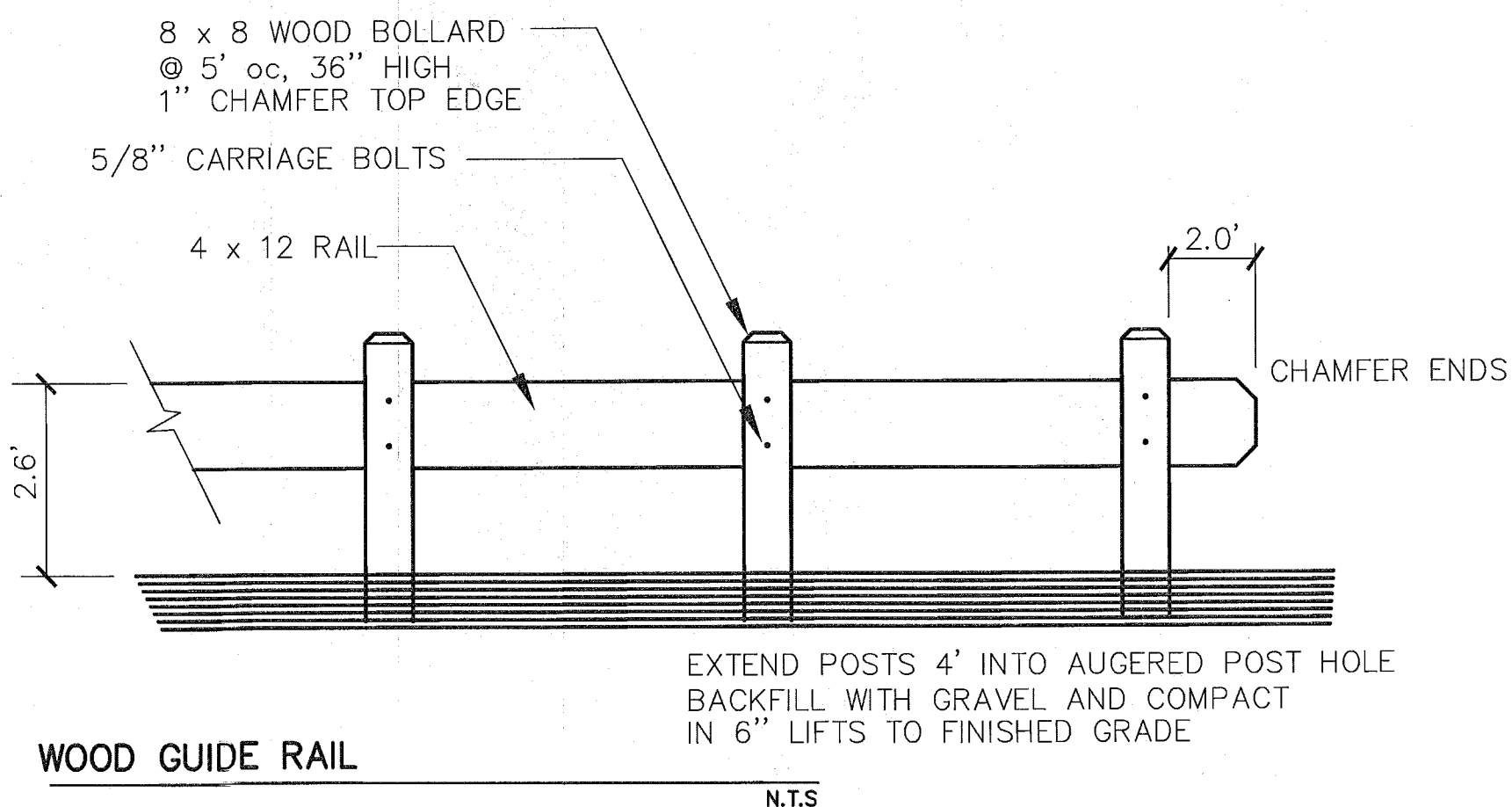
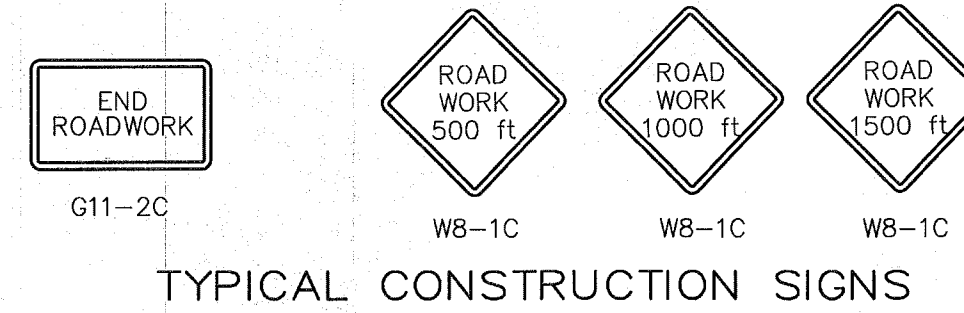


SEEDING MIX			
PRIMARY SEED MIX: 130 lbs/acre			
AMT. BY WEIGHT	SPECIES OR VARIETY	PURITY	MIN. % GERM.
55%	KENTUCKY BLUE GRASS BLEND	95%	80%
25%	RED FESCUE	97%	85%
20%	PERENNIAL RYE	98%	90%
100%			
TEMPORARY COVER SEED MIX: 30 lbs/acre			
AMT. BY WEIGHT	SPECIES OR VARIETY	PURITY	MIN. % GERM.
90%	ANNUAL RYE GRASS	98%	90%
10%	ORGANIC MATERIAL	—	—
100%			

- SITE PREPARATION:
- SEEDBED PREPARATION - SCARIFY IF COMPACTED. REMOVE DEBRIS AND OBSTACLES SUCH AS ROCKS AND STUMPS.
  - SOIL AMENDMENTS:
    - LIME TO A PH OF 6.0
    - FERTILIZE WITH 600LBS OF 5-10-10 OR EQUIV. PER ACRE (14LBS/1000 S.F.)
  - POST SEEDING FERTILIZATION AND WATERING IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTED BY THE OWNER AS DESCRIBED IN THE PROJECT SPECIFICATIONS



- MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 OF THE JANUARY 2, 1990 NYS STANDARD SPECIFICATIONS, ADDENDUM NO. 1 DATED 1/2/90, ADOPTED 11/18/93, AND THE NEW YORK STATE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) DATED JULY 1, 1983 AND ALL OTHER APPLICABLE PROVISIONS CONTAINED IN THIS CONTRACT. ALL SIGN NUMBERS REFER TO THE M.U.T.C.D.
- THE FINAL RESPONSIBILITY FOR THE PROTECTION OF THE TRAVELING PUBLIC AND HIS OWN PERSONNEL SHALL REST WITH THE CONTRACTOR.
- PRIOR TO THE START OF WORK, THE CONTRACTOR MAY SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE REGIONAL DIRECTOR OR HIS DESIGNEE.
- VEHICLES AND CONSTRUCTION EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL BE MOVED A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT DURING NON-WORKING HOURS.
- DURING WORKING HOURS, NO CONSTRUCTION MATERIAL MAY BE STORED ON THE ROADWAY OR ROADBED EXCEPT IN A PROTECTED WORK ZONE.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE VICINITY OF THE PROJECT SITE AT ALL TIMES.
- SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATION SHALL BE ADAPTED TO PREVAILING CONDITIONS.
- SIGNS THAT ARE NOT APPLICABLE SHALL BE COVERED OR OBSURED FROM SIGHT.
- THE WB-22C FLAGGER SIGN SHALL BE USED WHENEVER FLAGGING OCCURS FOR MORE THAN A BRIEF PERIOD OF TIME. THE SIGN SHALL BE PROMPTLY REMOVED, COVERED OR FACED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
- THE SIGNS SHOWN FOR THE TYPICAL SHORT DURATION LANE CLOSURE ARE IN ADDITION TO THE "ROAD WORK 1500 FEET", "ROAD WORK 1000 FEET", "ROAD WORK 500 FEET", AND "END ROAD WORK" SIGNS TO BE INSTALLED ON ROUTE 7 EASTBOUND AND WESTBOUND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION AND MAKING SURE ALL SIGNS, CONES, AND BARRELS ARE IN PLACE AND IN GOOD CONDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SIGNS FOR THE DURATION OF THE PROJECT OR UNTIL NEW REPLACEMENT SIGNS ARE INSTALLED. ALL COSTS TO WORK AROUND, REPLACE ON TEMPORARY POSTS OR TO TEMPORARILY RELOCATE EXISTING SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC MAINTENANCE & PROTECTION OF TRAFFIC.
- LENGTH OF TAPERS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC GENERAL PLAN SHALL BE DETERMINED FROM SECTION 292.1(d) OF THE M.U.T.C.D.. CONE SPACING SHALL BE DETERMINED FROM SECTION 292.1(e) OF THE M.U.T.C.D..
- PRIOR TO THE UTILIZATION OF THE INFORMATION SHOWN HEREON, U.F.P.O. SHOULD BE NOTIFIED (1-800-992-7862) FOR THE VERIFICATION OF THE EXISTENCE OF ANY AND ALL SUCH UTILITIES.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGE INCURRED DURING EXCAVATION OPERATIONS. ALL COSTS RELATED TO THE REPAIR OF DAMAGED UTILITIES SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL CONSTRUCTION SIGNS SHALL BE PAID FOR UNDER ITEM 619.02. ALL CONSTRUCTION SIGNS SHALL BE MADE IN ACCORDANCE WITH SECTION 619-2.02.
- WORK ZONES LEFT OVERNIGHT SHALL BE PROTECTED WITH THE APPROPRIATE WARNING SIGNS SUPPLEMENTED WITH TYPE "A" LOW INTENSITY WARNING LIGHTS. DRUMS OR BARRICADES SHALL BE USED FOR CHANNELIZATION. TWO-WAY TRAVEL SHALL BE PROVIDED DURING NON-WORKING HOURS.
- THE CONTRACTOR SHALL SCHEDULE HIS CONSTRUCTION OPERATIONS IN A MANNER TO MINIMIZE THE LENGTH OF TIME WHEN DROP-OFFS ADJACENT TO THE TRAVEL LANES OCCUR. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL NOT REMAIN OVERNIGHT.



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**CIVIL ENVIRONMENTAL STRUCTURAL ENGINEERING**

**DETAILS**

SUNMARK FCU  
265-267 DELAWARE AVENUE  
TOWN OF BETHLEHEM  
STATE OF NEW YORK

CHECKED BY: BLS  
DATE: JANUARY 20, 2017

SCALE: 1"=20'

SHEET 5 OF 8

TOWN OF BETHLEHEM APPROVAL

PLANNING BOARD  
TOWN OF BETHLEHEM  
ALBANY COUNTY, NEW YORK  
By direction of the Chairman.  
These drawings are hereby approved.  
See sheet(s) 2 of 8  
for date and signature

NOTE: 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL CONTACT THE DISTRICT ENGINEER TO LOG ALL UNDERGROUND UTILITIES. 1-800-962-7862

Scaling of these drawings shall be done only for review and approval purposes. Contractors shall not scale drawings for electronic data only for layout and construction.

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DATE: 6/21/17  
NO. 1  
REVISED AS PER TOWN COMMENTS DATED JUNE 7, 2017  
BY: [Signature]