



To: All Plan Holders of Record

From: CT Consultants, Inc.  
For the Owner

**Re: Addendum No. 1  
SOM Center Sidewalks  
City of Willoughby**

Date: May 30, 2024

This Addendum forms a part of the contract documents and modifies the original bidding documents dated May 2024 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

### **QUESTIONS AND ANSWERS**

Q1. Are the 4" sidewalk and 6" sidewalk supposed to be figured with 6 x 6 x 10 wire mesh and 6" x 6" W4 mesh as per page 23 of plans?

**A1. No wire mesh. Sidewalk detail updated on sheet 23. Fiber mesh reinforcement for all 4" & 6" concrete.**

Q2. Is the 1" preformed joint @ 30' interval as shown in the concrete walk detail on page 23 of the plans?

**A2. See updated detail on sheet 23. ½" preformed joint material at fixed objects (i.e. drive aprons) and 40' minimum spacing.**

Q3. What fence company did you use for fence detail on page 24 of the plans?

**A3. Details from Signature Fence in Colorado. The intent is that the replacement split rail fence shall match existing split rail fence in style and construction.**

### **PLANS**

**Replace** plan sheets 23/27 & 25/27 with the enclosed Addendum 1 Revised plan sheets 23/27 & 25/27.

### **CONTRACT FORMS**

**Replace** Contract Form, Page CF.4, with the enclosed Contract Form, Page CF.4A.

TL/GS:mep

Enclosures

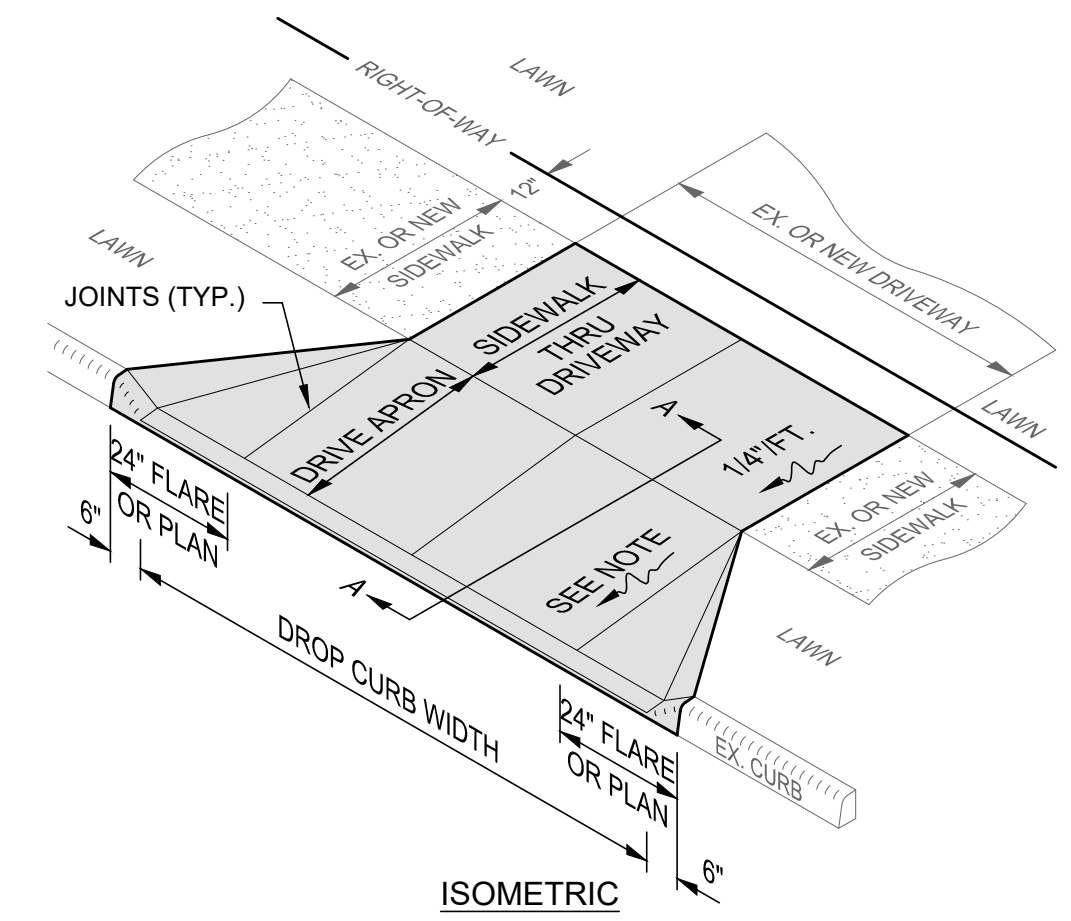
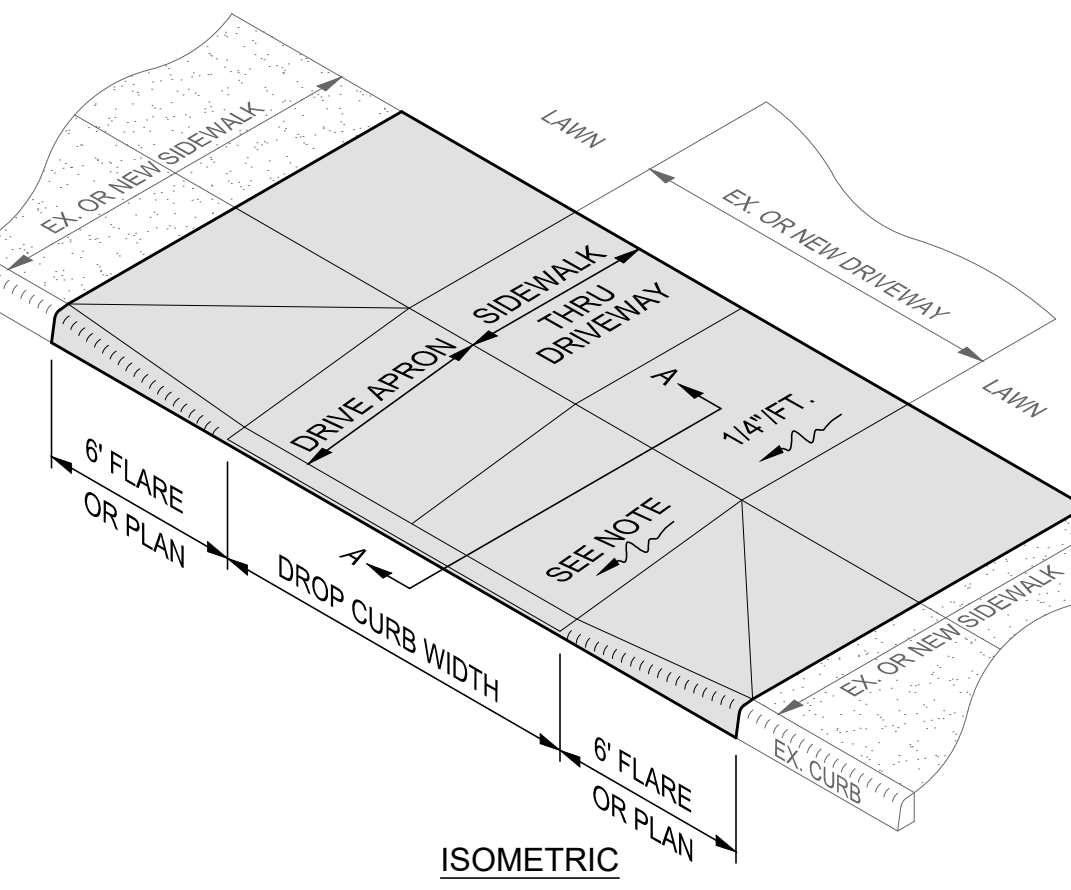
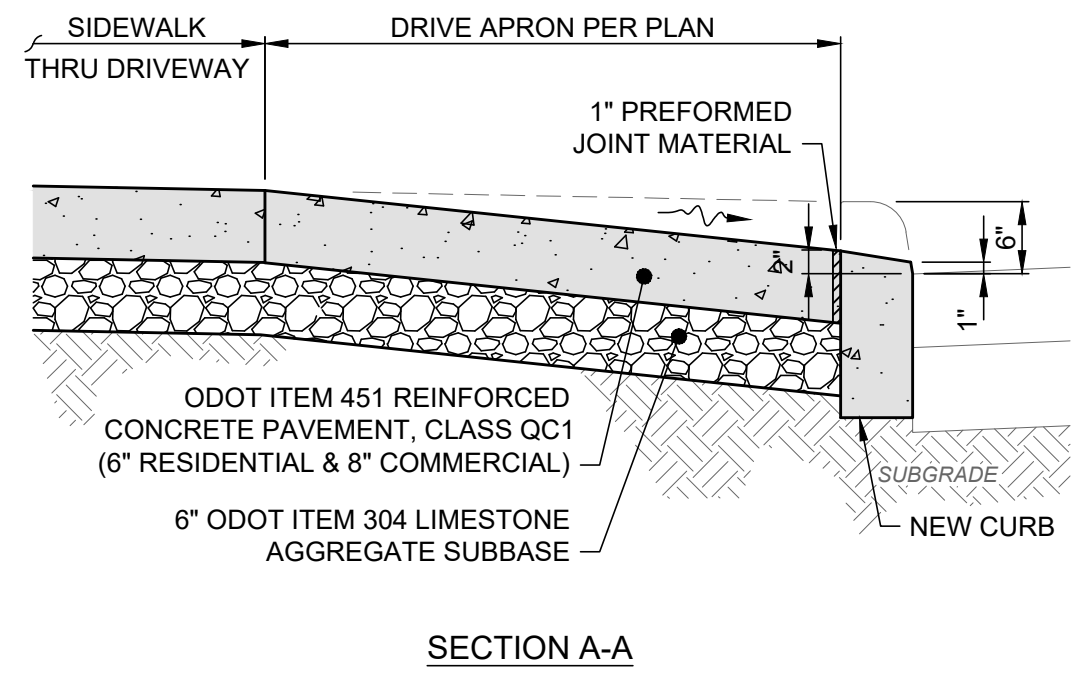
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**THE CONTRACTOR SHALL FURNISH THE FOLLOWING ITEMS  
WITHIN 10 DAYS OF NOTIFICATION OF AWARD:**

- A) CERTIFICATE OF INSURANCE FOR  
CONTRACTOR'S PUBLIC LIABILITY INSURANCE POLICY  
AND AUTOMOTIVE INSURANCE POLICY**  
Shall List as Additional Insured the Owner, CT Consultants, Inc., and Nancy S. Hance
- B) CERTIFICATE OF INSURANCE FOR  
OWNER'S AND CONTRACTOR'S PROTECTIVE POLICY**  
Owner Named as Insured, No Additional Insured
- C) CERTIFICATE OF WORKER'S COMPENSATION**
- D) CONTRACT BOND THAT COMPLIES WITH ORC 153.54 AND 153.57**

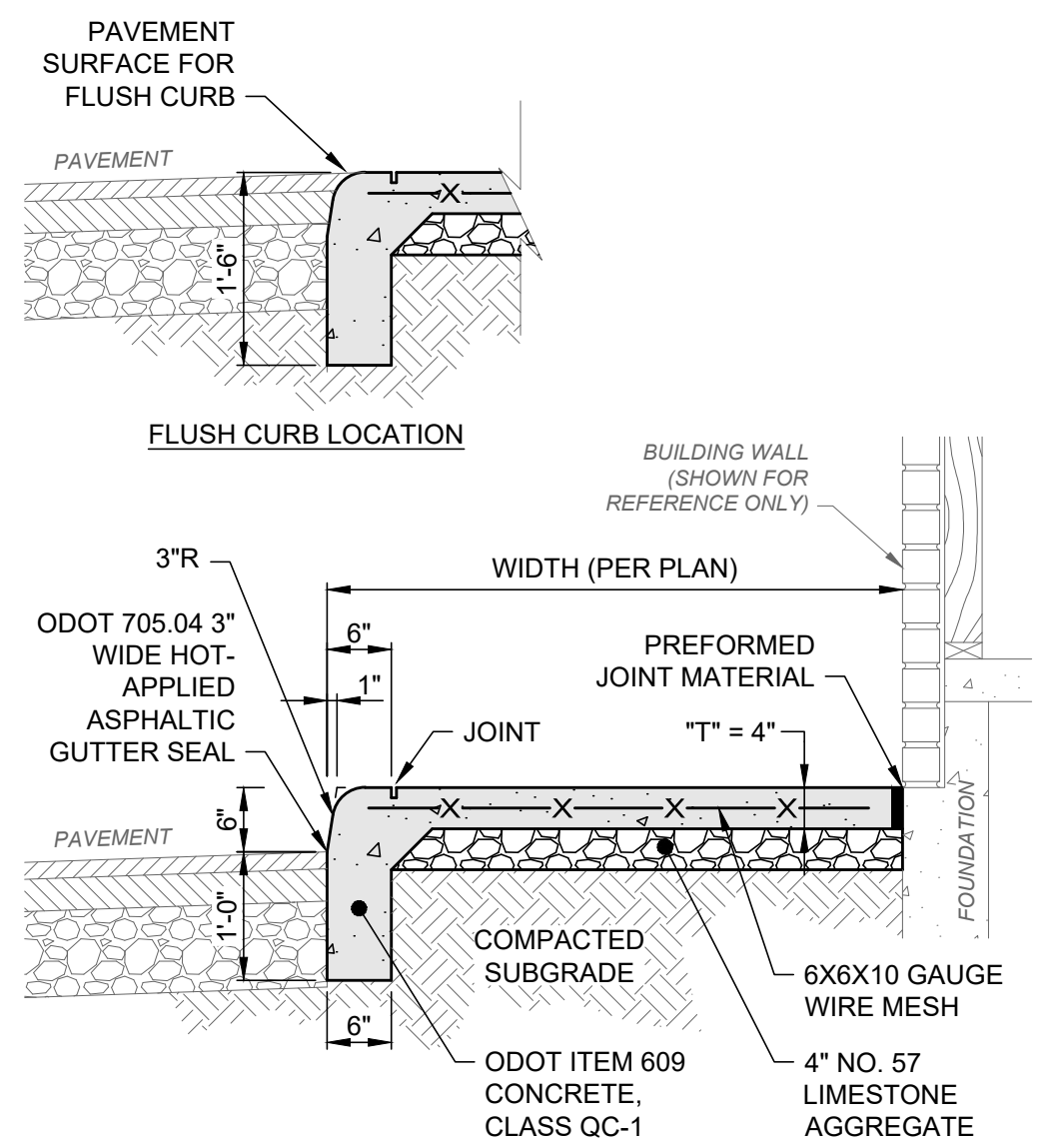
\* D above is not required if a bond complying with ORC 153.54 and 153.571 (rollover bond) was submitted at time of bid.



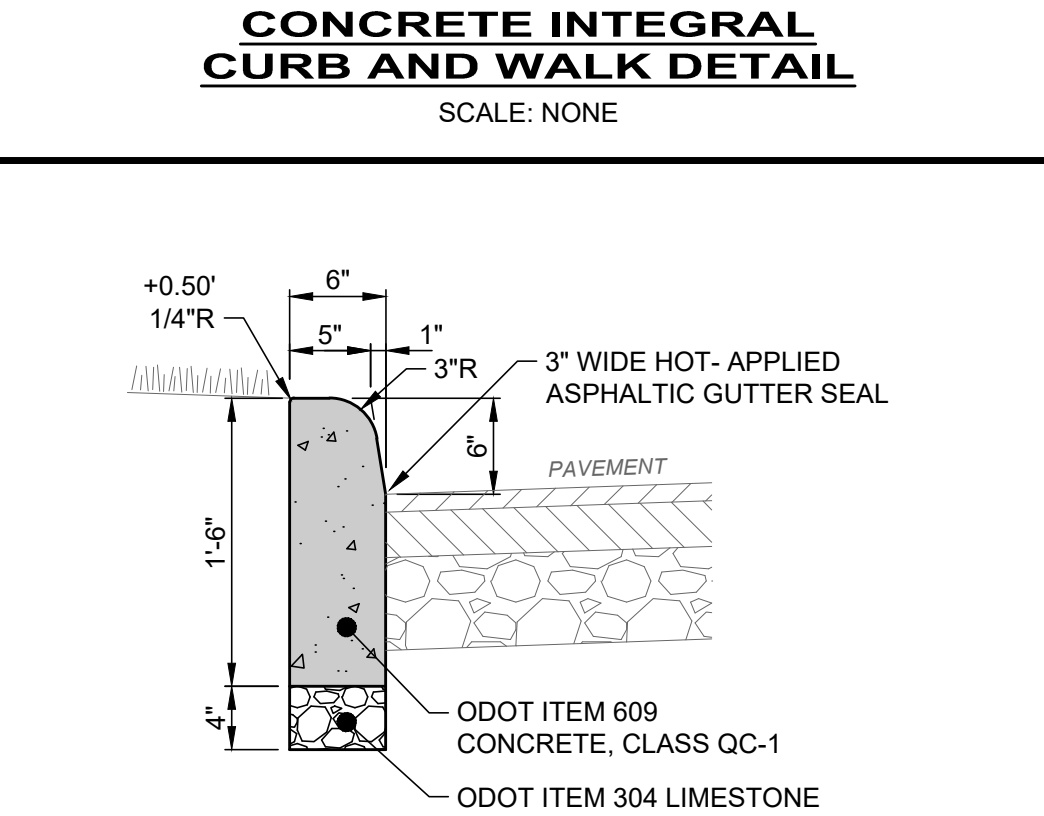


- NOTES:
1. CONCRETE AT ACTIVE DRIVE APRONS SHALL BE CLASS QC MS.
  2. THE DROP CURB SHALL BE HAND FORMED AT THE TIME THE CONCRETE CURB IS POURED.
  3. JOINTS SHALL BE PROVIDED AT THE NORMAL FACE AND BACK OF SIDEWALK LOCATION.
  4. MINIMUM DRIVE APRON SLOPE PERMITTED IS 1/8"/FT. (1.00%) AND MAXIMUM IS 1"/FT. (8.33%). SEE GRADING PLAN FOR ACTUAL SLOPES AND ELEVATIONS.
  5. THIS DETAIL SHOWS A DRIVE APRON WITH VARIOUS APRON FLARES FOR REFERENCE ONLY; SEE LAYOUT PLAN FOR ACTUAL APRON CONFIGURATION AND FLARE WIDTHS.

**CONCRETE DRIVE APRON DETAIL**  
SCALE: NONE

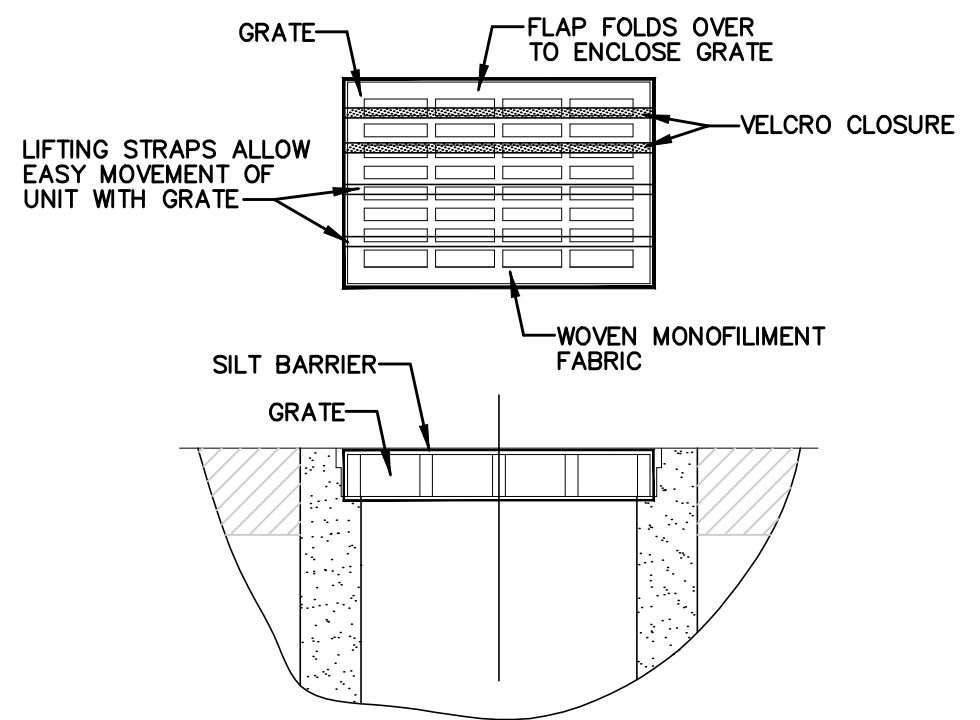


- NOTES:
1. THIS DETAIL PROVIDES ADDITIONAL INFORMATION FOR INTEGRAL CURB AND WALK; SEE SEPARATE "CONCRETE WALK" DETAIL FOR ADDITIONAL REQUIREMENTS.



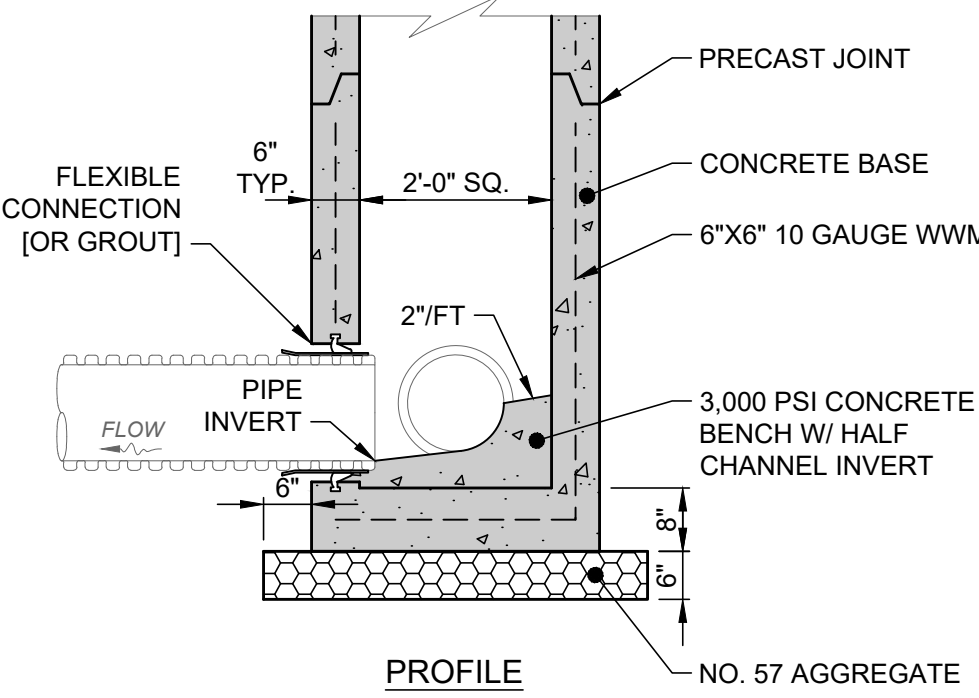
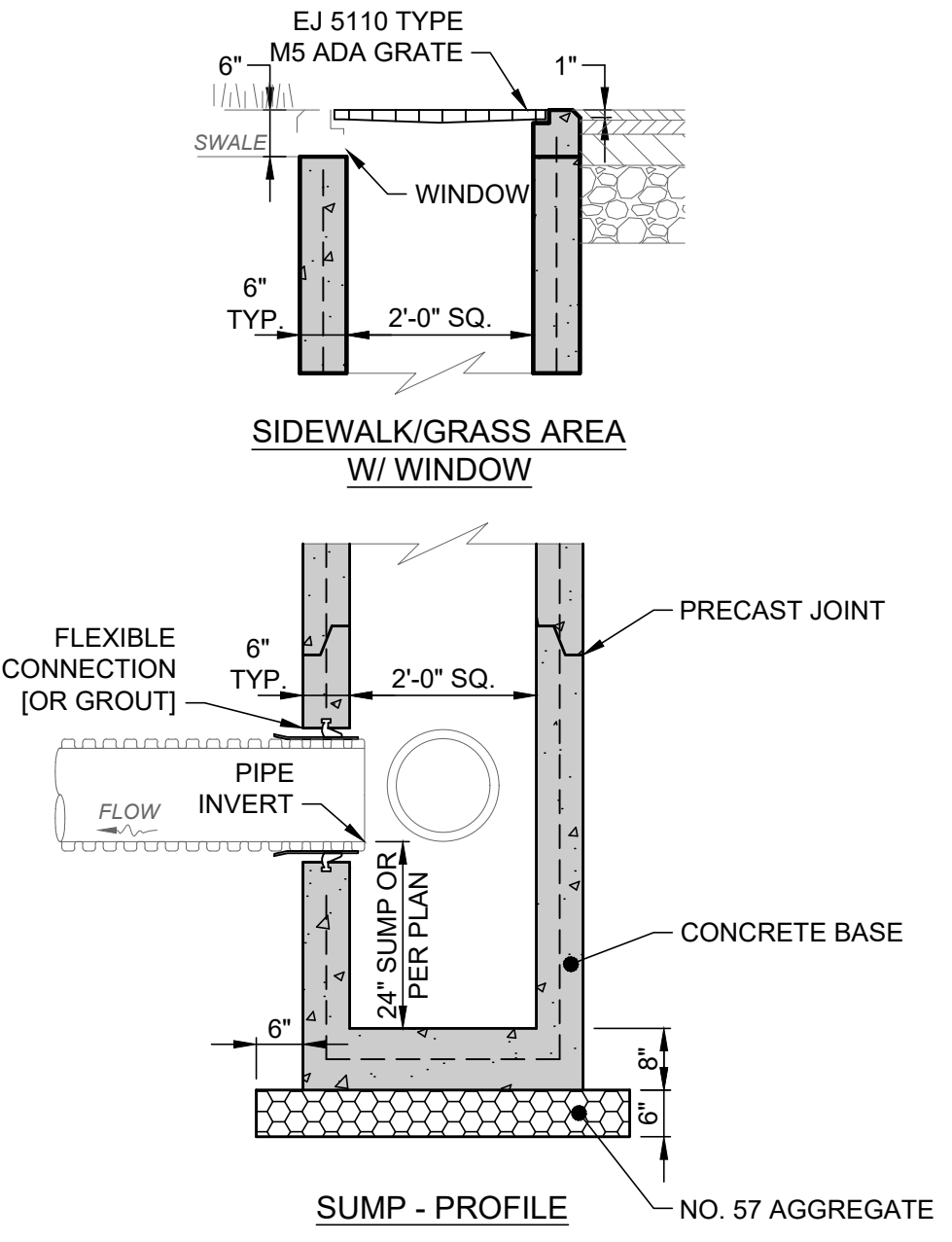
- NOTES:
1. INSTALL 1/2" PREFORMED JOINT MATERIAL AND USE 5/8"Ø X 18" LONG DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
  2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
  3. APPLY LIQUID-MEMBRANE CURING COMPOUND.
  4. THIS DETAIL SHOWS ASPHALT PAVEMENT FOR REFERENCE ONLY. SEE SITE PLAN FOR ACTUAL TYPE OF PAVEMENT.

**(ODOT TYPE 6) 6" VERTICAL CURB DETAIL**  
SCALE: NONE



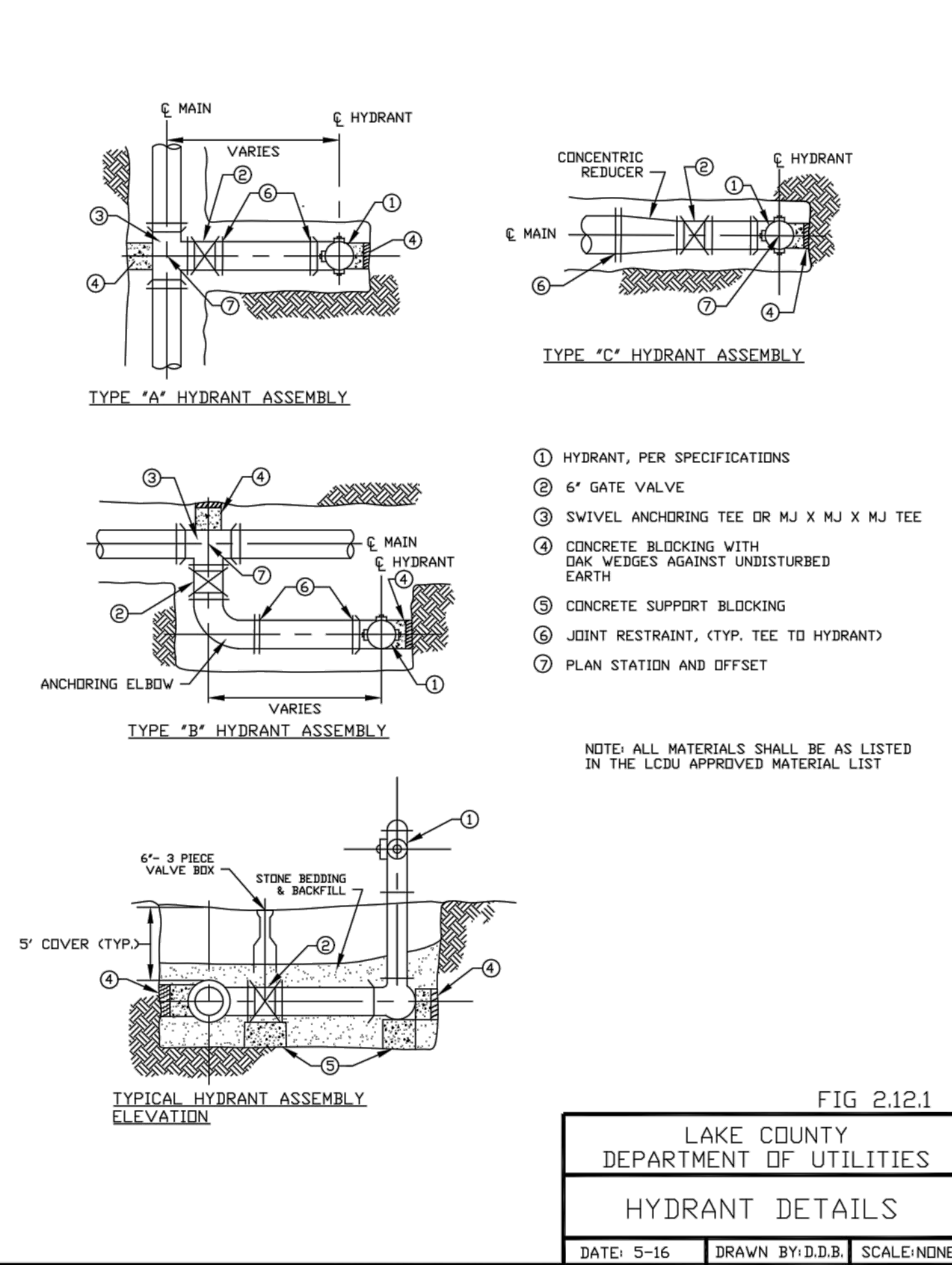
1. GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT.
2. MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE SILT BARRIER AS NEEDED.
3. TO INSTALL CATCH BASIN INLET SILT BARRIER: THE EMPTY SILT BARRIER SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

**INLET PROTECTION FOR CATCH BASIN IN ROADWAY**

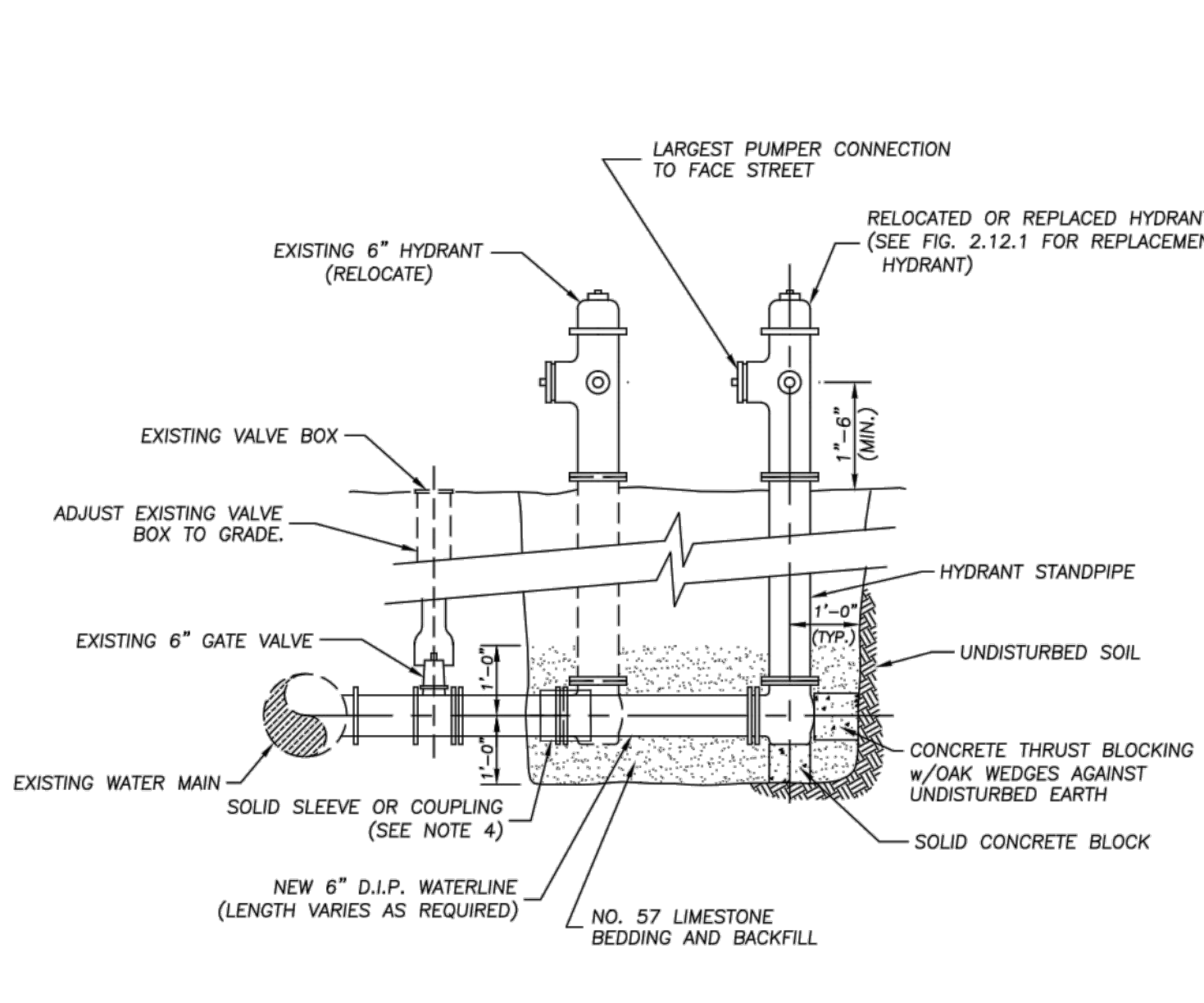


- NOTES:
1. CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.
  2. STRUCTURE SHALL MEET H-20 LOADING.
  3. PRECAST CONCRETE STRUCTURE AND REINFORCEMENT SHALL CONFORM TO ASTM C-913.
  4. PRECAST KNOCKOUT SIDES FOR CURB DRAIN AND PIPE CONNECTION HOLES, AS REQUIRED. PIPE OPENINGS SHALL BE O.D. OF PIPE PLUS 2", AND INTERSTITIAL SPACE FILLED WITH GROUT [ . . . OR . . . ] ALL PIPE OPENINGS MUST BE PRECAST WITH FLEXIBLE CONNECTIONS (Z-LOK OR A-LOK) PER ASTM C-923.
  5. IF TOP SECTION IS A SEPARATE CAST PIECE, 1/2"Ø X 6" L DOWELS SHALL BE USED AT EACH CORNER TO ATTACH THE TOP TO THE BOTTOM SECTIONS OF BASIN.
  6. GRATE MUST INCLUDE LETTERING "DUMP NO WASTE" AND FISH IMAGE.
  7. THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; SEE UTILITY PLAN FOR ACTUAL PIPE SIZES AND ELEVATIONS.

**(PRECAST CONCRETE 2'X2') INLET BASIN DETAIL**  
SCALE: NONE

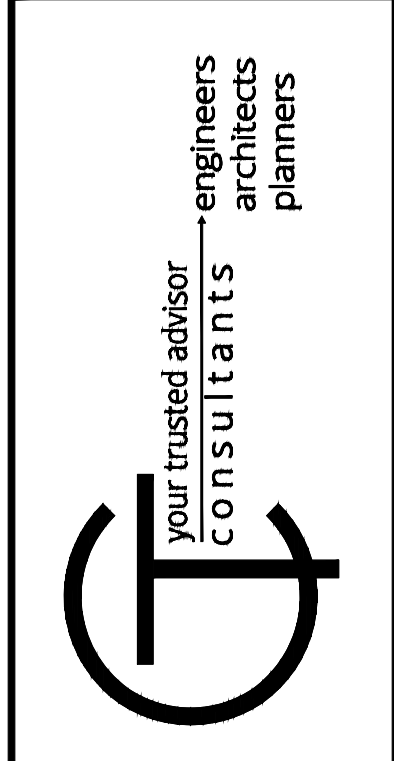
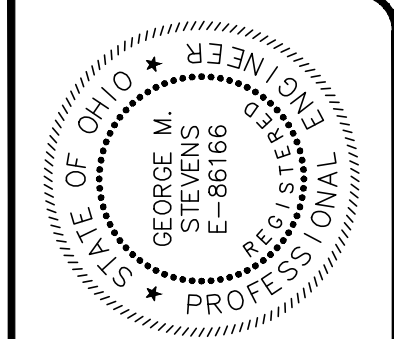


LAKE COUNTY DEPARTMENT OF UTILITIES  
**HYDRANT DETAILS**  
DATE: 5-16 DRAWN BY: D.D.B. SCALE: NONE



- NOTES:
1. THE CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING HYDRANT, EXTEND THE 6" WATERLINE AND INSTALL THE RELOCATED FIRE HYDRANT AT THE LOCATION CALLED OUT ON THE PLANS. ALL NEW WATERLINE MATERIAL AND FITTINGS SHALL BE PER LAKE COUNTY WATER DEPARTMENT STANDARDS.
  2. ALL COSTS ASSOCIATED WITH THIS WORK INCLUDING EXCAVATION; GRANULAR BACKFILL; FITTINGS; NUTS; BOLTS; ZINC PROTECTO CAPS; HYDRANT INLET PIPE AND EXTENSION; DEWATERING; SHEETING OR SHORING; PIPE BEDDING AND PIPE BACKFILL; DISPOSAL OF WASTE MATERIALS; PROTECTION OF STRUCTURES, UTILITIES, SERVICE CONNECTIONS OR OTHER FACILITIES; THRUST BLOCKING; JOINT RESTRAINTS; TESTING; FLUSHING; STERILIZING; AND PAINTING ALL HYDRANTS, TOGETHER WITH ALL LABOR, EQUIPMENT, TOOLS AND MATERIALS NECESSARY TO COMPLETE THE WORK AS SHOWN, SPECIFIED, OR AS DIRECTED BY THE ENGINEER SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
  3. ALL MATERIALS SHALL BE AS LISTED ON THE LCDU APPROVED MATERIAL LIST.
  4. ALL COUPLINGS SHALL BE PROPERLY SPECIFIED FOR CONNECTING DISSIMILAR MATERIALS.
  5. PROVIDE SOLID CONCRETE BLOCKING WITH HARD WOOD SHIMS UNDER ALL FITTINGS.
  6. ALL FITTINGS TO BE FULLY RESTRAINED.
  7. IF THE EXISTING HYDRANT IS OF THE LEAD JOINT TYPE, IT WILL BE REMOVED AND REPLACED. FIG 2.12.4

LAKE COUNTY DEPARTMENT OF UTILITIES  
**HYDRANT REMOVED AND RELOCATED OR REPLACED**  
DATE: 5-16 DRAWN BY: DDB SCALE: NONE



DATE	06/30/24
REVISION	DETAIL UPDATES - ADDENDUM 1
NO	A

ISSUED FOR:	BIDSET	05/22/24	AS SHOWN	GMS	SNK/GMS	TRL
ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:		

**SOM CENTER SIDEWALKS**  
RIDGE ROAD TO EUCLID AVENUE  
- WILLOUGHBY, OH 44094 -  
**CONSTRUCTION DETAILS - 3**

PROJECT NO.	230135-05
DISCIPLINE	CIVIL
SHEET NAME	DET-3
SHEET	25
OF	27