

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A

625 Broadway, 12th Floor, Albany, NY 12233-7015

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www.dec.ny.gov

August 4, 2022

Stuart Knoop, P.G.
Langan Engineering, Environmental Surveying
Landscape Architecture and Geology, D.P.C
360 West 31st Street, 8th Floor
New York, NY 10001

RE: 145-65 Wolcott Street BCP Site,
Brooklyn Site No. C224256.

Dear Mr. Knoop,

Langan Engineering, on behalf of the volunteer group, has submitted the interim Soil Grading, Soil Erosion and Sediment plan for the 145-65 Wolcott Street site. This plan is to control stormwater, and material runoff from the site to allow for onsite building demolition. The New York State Department of Environmental Conservation (NYSDEC) has reviewed this technical design and finds it acceptable for implementation on an interim basis until the full site remedy is in place.

Incorporated into this plan, in addition to the soil grading, soil erosion and sediment control, will be an adequate number of drainage boreholes. These boreholes, or comparable preferential drainage pathways will be installed into the existing slab on grade remaining from the demolished building. Periodic inspection will be required to ensure that the interim system remains operational as designed.

If you have any questions in the interim, please contact me at your convenience at 518-402-9620.

Sincerely,

Steven M. Scharf

(Signed Electronically by)

Steven M. Scharf, P.E.

Project Engineer

Remedial Bureau A

Division of Environmental Remediation

ec.: J. Swartwout, DEC
A Paretta, DOH
J. O'Connell, Region 2

MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

ALL CONTROL MEASURES SHALL BE MAINTAINED ON A DAILY BASIS AND AFTER EACH SIGNIFICANT RAINFALL EVENT. THIS DAILY PROCEDURE SHALL BE DOCUMENTED IN A LOG BOOK. ANY MATERIAL REMOVED FROM A TEMPORARY CONTROL MEASURE WILL BE INCORPORATED BACK INTO THE EARTHWORK AS FILL ON THE SITE. SUCH MATERIAL SHALL BE DISTRIBUTED ON-SITE IN SUCH A WAY AS TO NOT CHANGE DRAINAGE PATTERNS AS THEY CURRENTLY EXIST.

ALL MAINTENANCE METHODS DESCRIBED BELOW ARE IN DIRECT ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

STABILIZED CONSTRUCTION ENTRANCES: EACH ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL AGGREGATE. ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

VEHICLE WASH-DOWN: WHEN NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS ON-SITE OR DISCHARGED TO AN APPROVED SEDIMENT TRAPPING DEVICE.

DUST CONTROL: MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED.

STORM DRAIN INLET PROTECTION: REMOVE SEDIMENT AS NECESSARY TO PROVIDE FOR ADEQUATE STORAGE VOLUME FOR SUBSEQUENT STORM EVENTS.

DEMOLITION SCHEDULE

- OBTAIN ALL REQUIRED LOCAL AND STATE PERMITS AND APPROVALS PRIOR TO COMMENCING ANY DEMOLITION/CONSTRUCTION ACTIVITIES.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE PADS AT SITE ENTRANCES AND EXITS, INSTALL INLET PROTECTION, INSTALL ALL SILT FENCING AS SHOWN ON THIS PLAN.
- COMMENCE BUILDING DEMOLITION ACTIVITIES.
- IMPLEMENT DUST CONTROL PROGRAM, AS NECESSARY, THROUGHOUT DEMOLITION.
- TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS SHALL BE REMOVED UPON STABILIZATION OF THE SITE. THE SITE IS DEFINED AS STABILIZED WHEN THERE IS NO EXPOSED SOIL OR OTHER DETRIMENTAL MATERIALS THAT CAN POTENTIALLY ENTER THE SEWER SYSTEM OR WATERWAYS.

SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER CONSTRUCTION, STABILIZATION, AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES AND RELATED ITEMS INCLUDED WITHIN THIS PLAN.
- ALL EROSION AND SEDIMENT CONTROLS SHALL REMAIN IN PLACE UNTIL THE SITE IS COMPLETELY STABILIZED. THE SITE IS DEFINED AS STABILIZED WHEN THERE IS NO EXPOSED SOIL OR OTHER DETRIMENTAL MATERIALS THAT CAN POTENTIALLY ENTER THE SEWER SYSTEM WATERWAYS.
- ALL CONTROLS SHALL BE CHECKED DAILY AND AFTER STORM EVENTS TO ENSURE THEY ARE IN PROPER WORKING ORDER.
- CONTRACTOR SHALL REPLACE, AT NO ADDITIONAL COST TO THE OWNER, ANY CONTROL DEVICE THAT IS NOT FUNCTIONING PROPERLY AS DIRECTED BY THE CONTRACTING OFFICER OR AUTHORIZED REGULATORY PERSONNEL.
- ALL CONSTRUCTION VEHICLES HAULING MATERIALS EITHER INTO OR OUT OF THE CONSTRUCTION AREA SHALL HAVE A SECURED TARP OVER MATERIALS TO PREVENT SEDIMENT POLLUTION OF PUBLIC ROADWAYS, IN ACCORDANCE WITH LOCAL REGULATIONS.
- OBTAIN ALL REQUIRED LOCAL AND STATE PERMITS AND APPROVALS PRIOR TO COMMENCING EARTHWORK OPERATIONS.
- THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN THE SITE, ADJACENT SIDEWALK, AND ROADWAY IN A CLEAN MANNER FREE FROM MUD AND SEDIMENT.

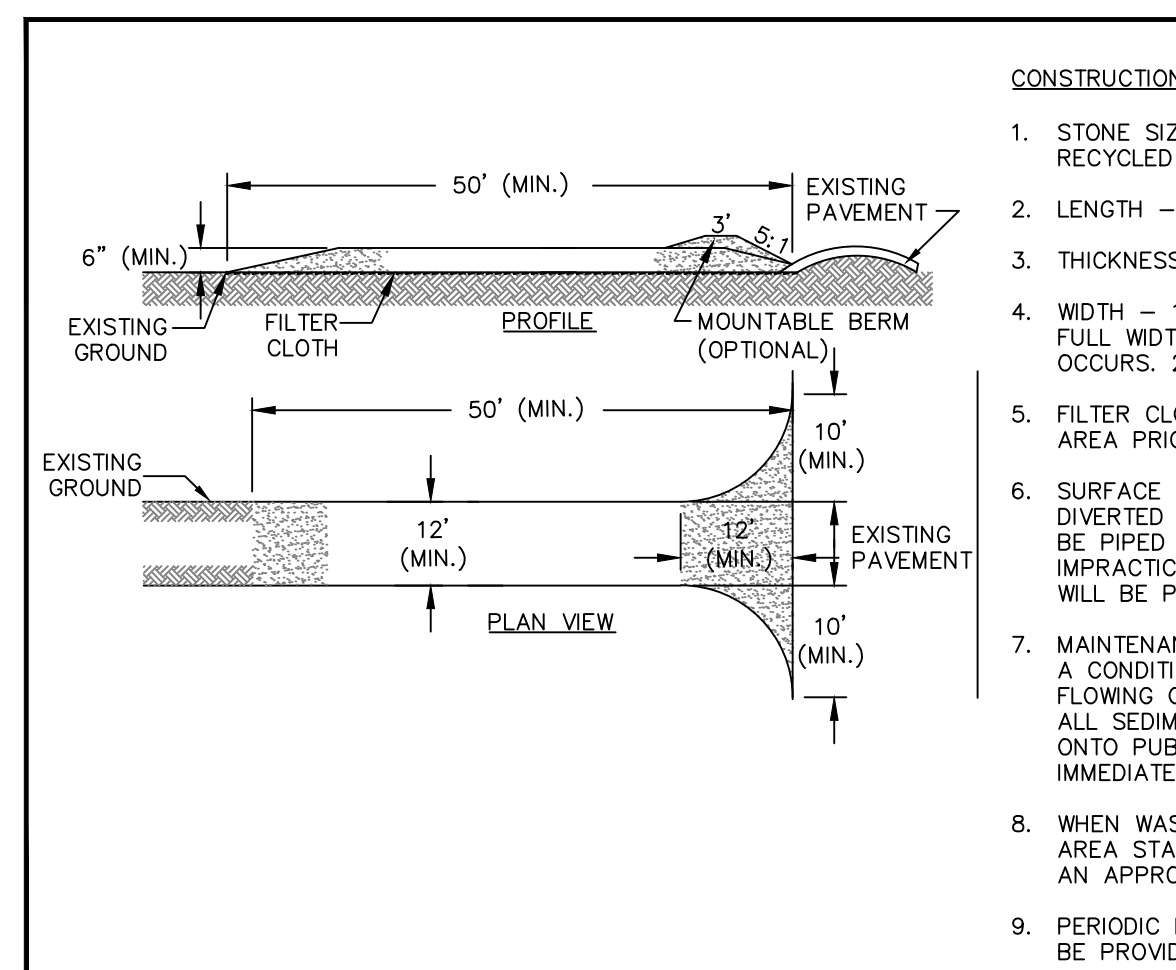
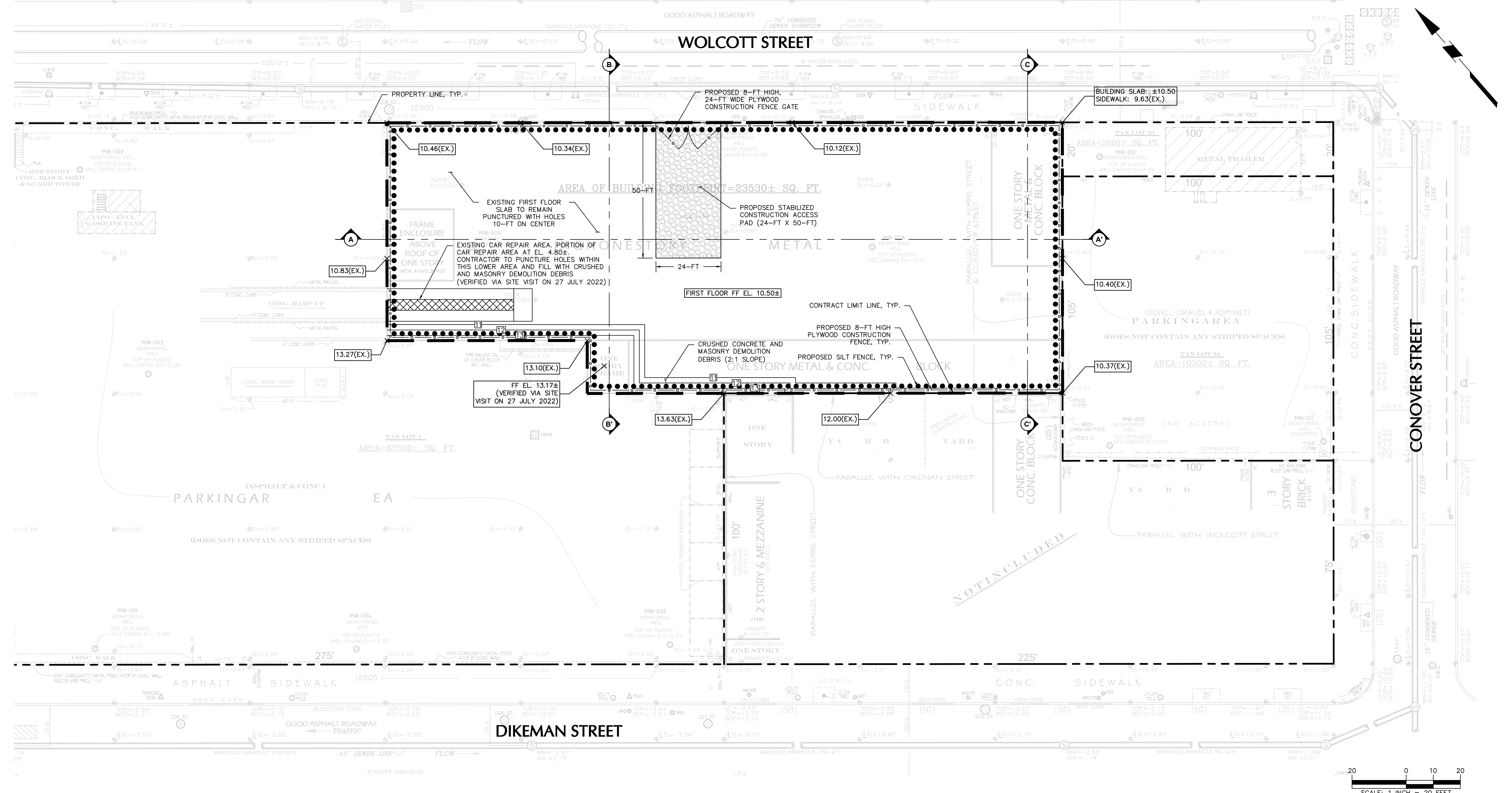
SOIL EROSION AND SEDIMENT CONTROL MEASURES

THE NYSDEC REQUIRES THE IMPLEMENTATION OF PROTECTIVE MEASURES TO MINIMIZE THE EFFECT OF EROSION AND SEDIMENT MOVEMENT DUE TO CONSTRUCTION ACTIVITIES INVOLVING SOIL DISTURBANCE. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE APPLIED TO MINIMIZE THE AMOUNT OF SEDIMENT TRACKED FROM THE SITE. WHERE APPLICABLE, THE TEMPORARY MEASURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (NOVEMBER 2016). THE FOLLOWING SUMMARIZES THE PROPOSED MEASURES:

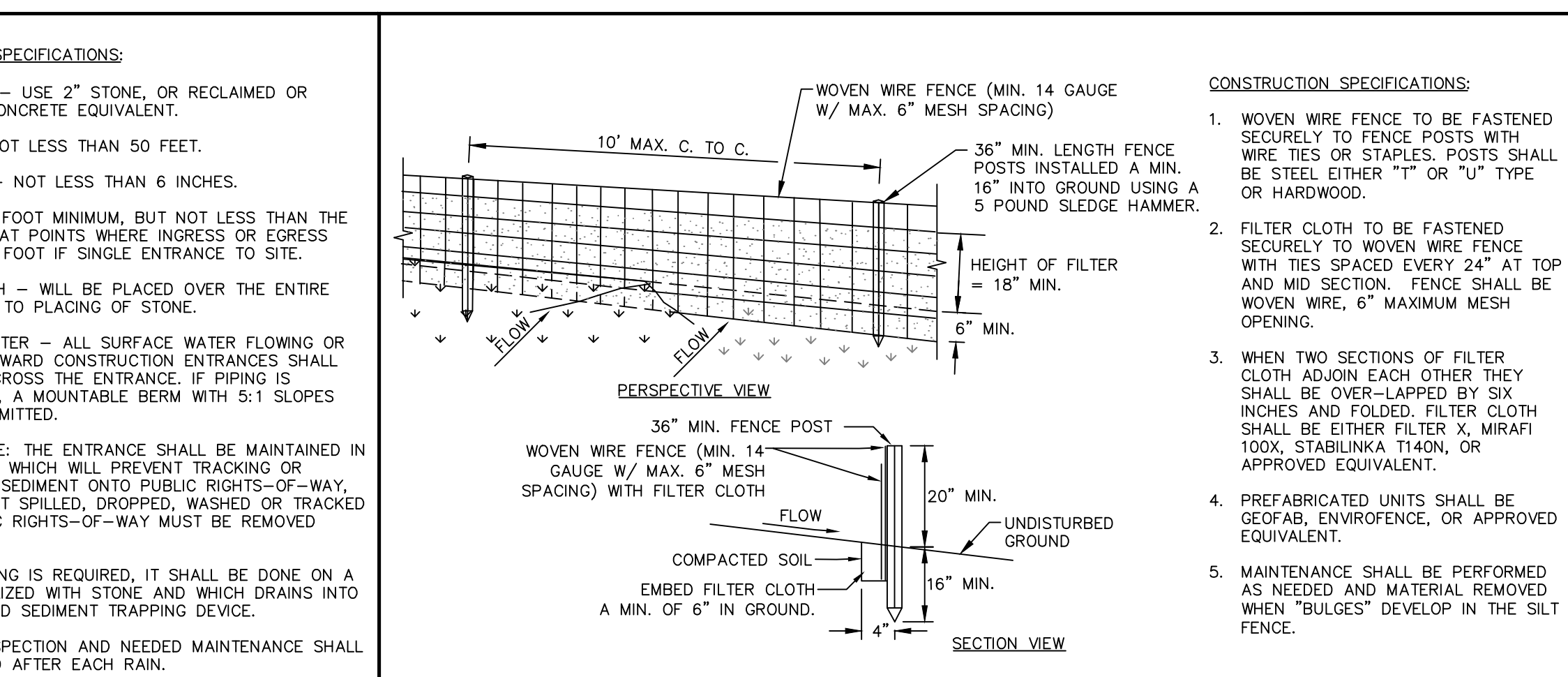
STABILIZED CONSTRUCTION ENTRANCES: STABILIZED CONSTRUCTION ENTRANCES WILL BE INSTALLED AT LOCATIONS DETERMINED BY THE GENERAL CONTRACTOR. LIKELY LOCATIONS FOR THE CONSTRUCTION ENTRANCES HAVE BEEN SHOWN ON THIS PLAN, HOWEVER THE GENERAL CONTRACTOR MAY RELOCATE THEM, IF NECESSARY. ALL GATED ENTRANCES SHALL INCLUDE STABILIZED CONSTRUCTION ENTRANCES.

DUST CONTROL: DUST CONTROL SHALL BE APPLIED TO THE SITE TO PREVENT MOVEMENT OF DUST FROM DISTURBED SOIL SURFACES. THE CONTRACTOR SHALL SPRINKLE WATER, APPLY POLYMER ADDITIVES, OR USE AN EQUIVALENT, NYSDEC-APPROVED PRACTICE, WHEN NECESSARY TO CONTROL DUST.

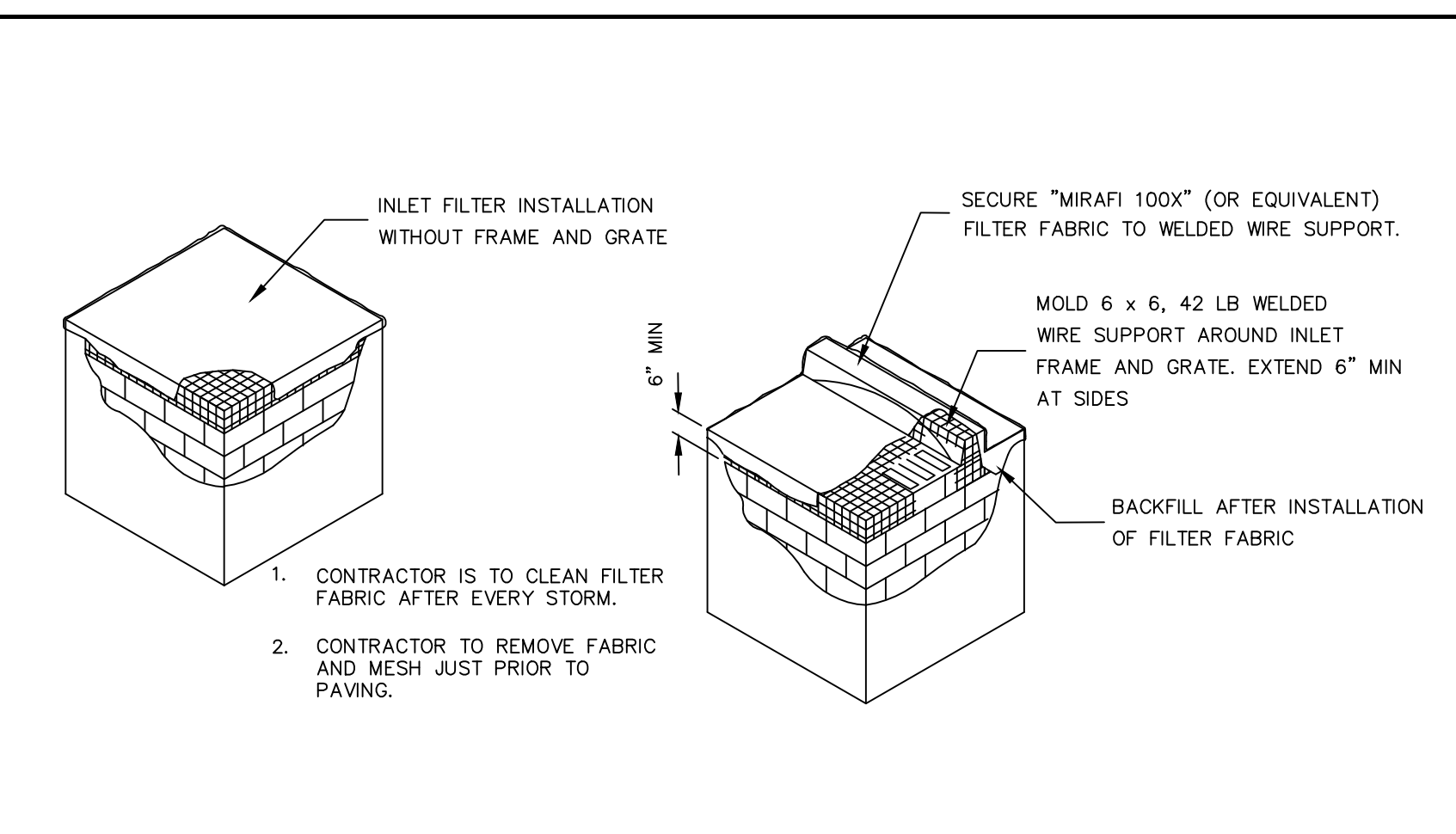
STORM DRAIN INLET PROTECTION: INLET PROTECTION WILL BE INSTALLED TO PREVENT HEAVILY LADEN WATER FROM ENTERING THE CITY COMBINED SEWER SYSTEM.



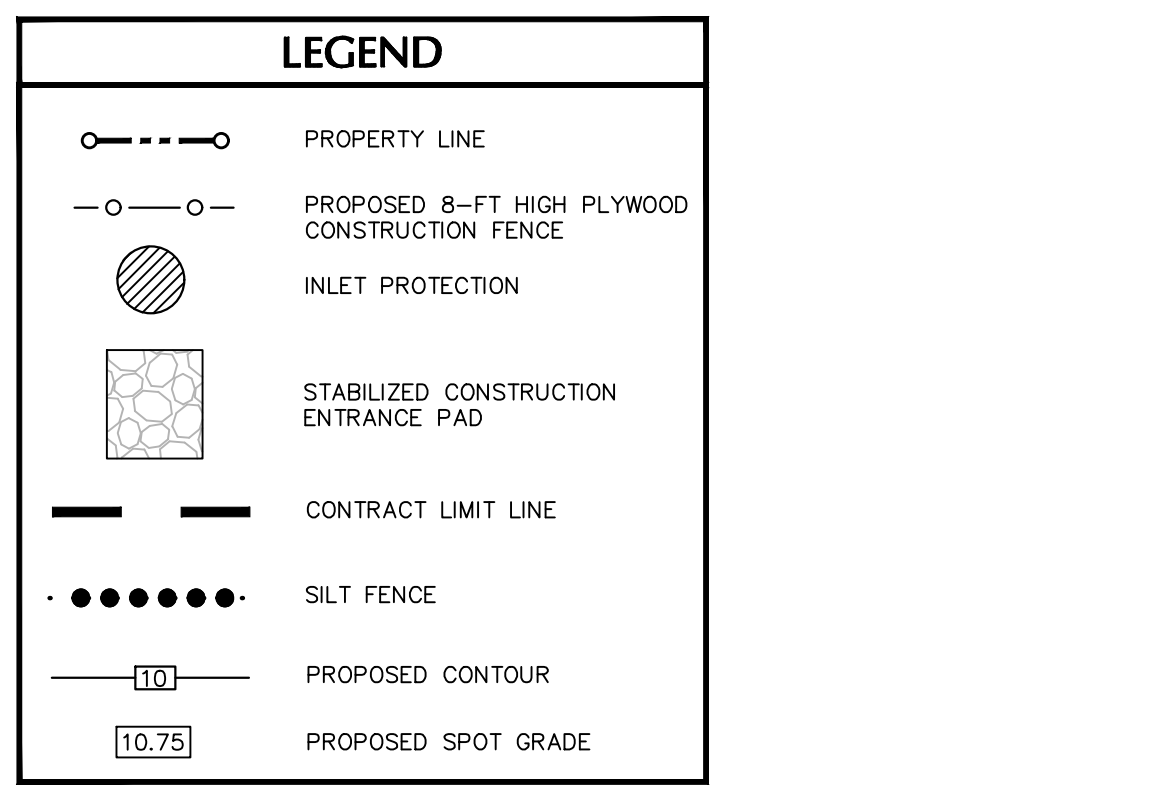
SILT FENCE DETAIL NTS



STABILIZED CONSTRUCTION ACCESS PAD DETAIL NTS



FILTER FABRIC INLET PROTECTION DETAIL NTS



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 146 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

REFERENCES:

- EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM A PLAN TITLED "ARCHITECTURAL SURVEY" PREPARED BY BORO LAND SURVEYING, LAST REVISED 22 JULY 2022.
- LOCATION OF THE EXISTING CAR REPAIR AREA AND THE FINISHED FLOOR ELEVATION OF THE ONE STORY FRAME BUILDING WERE FIELD VERIFIED BY LANGAN PERSONNEL VIA A SITE VISIT ON 27 JULY 2022.

Date	Description	No.
REVISIONS		

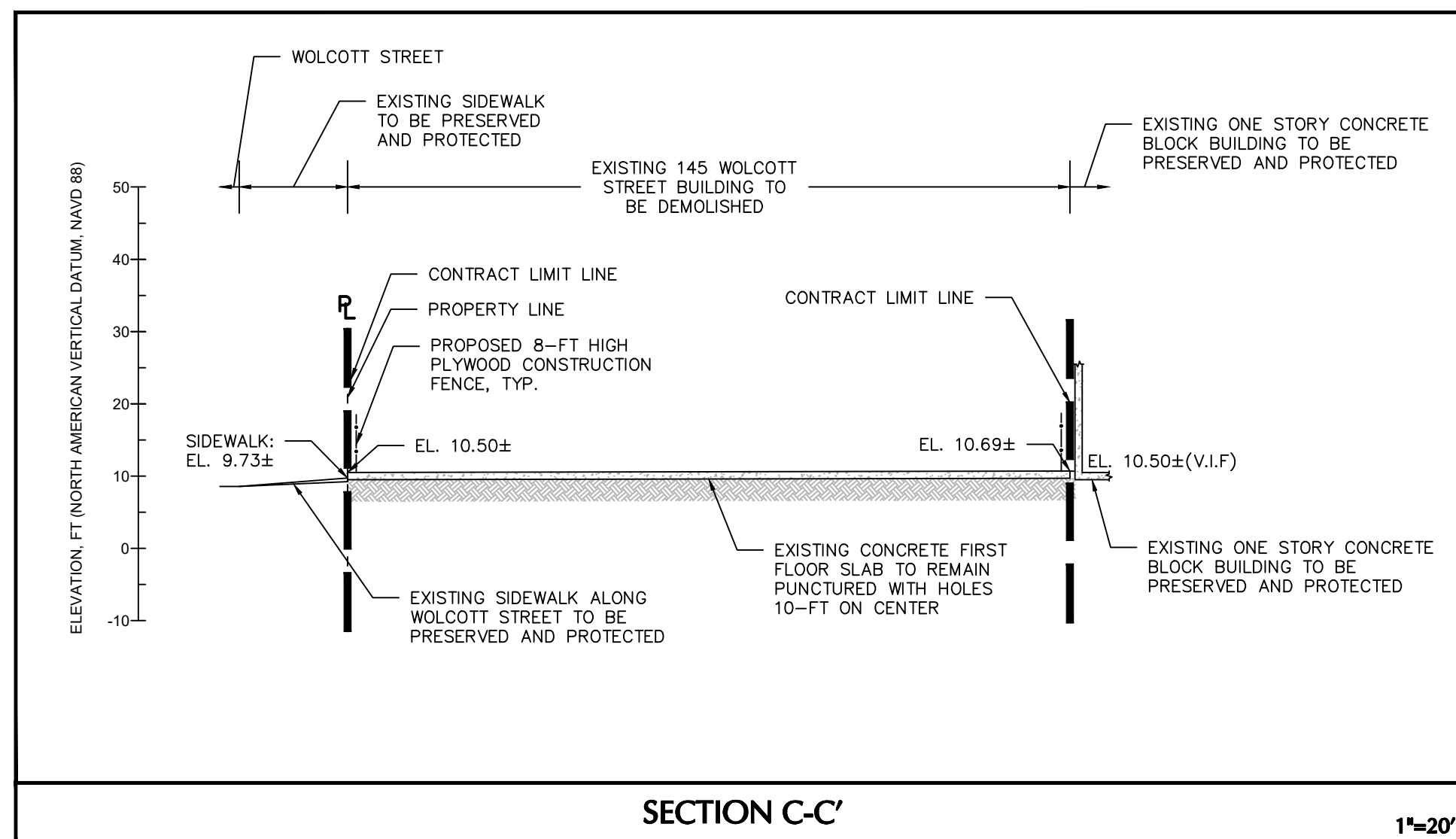
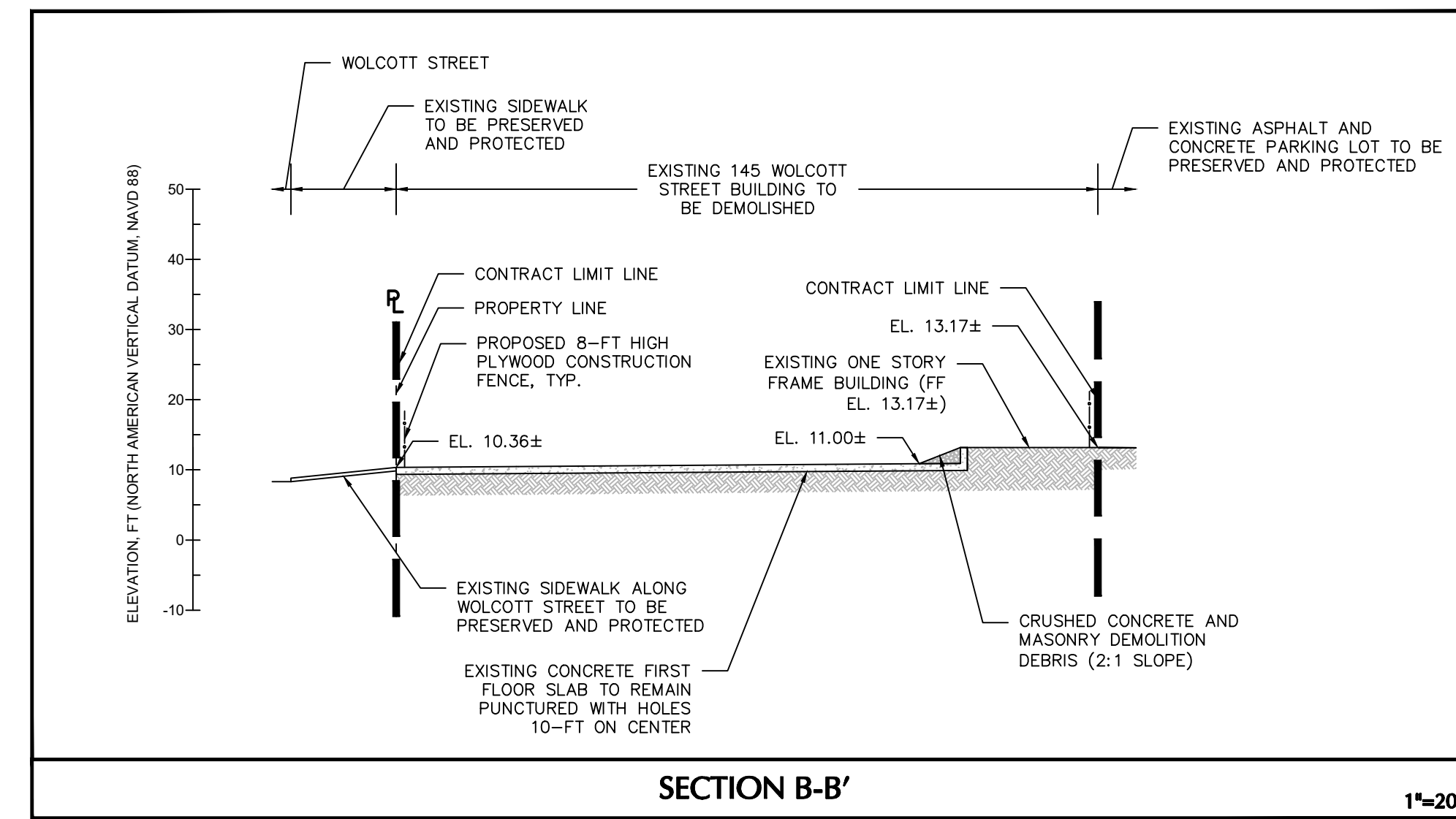
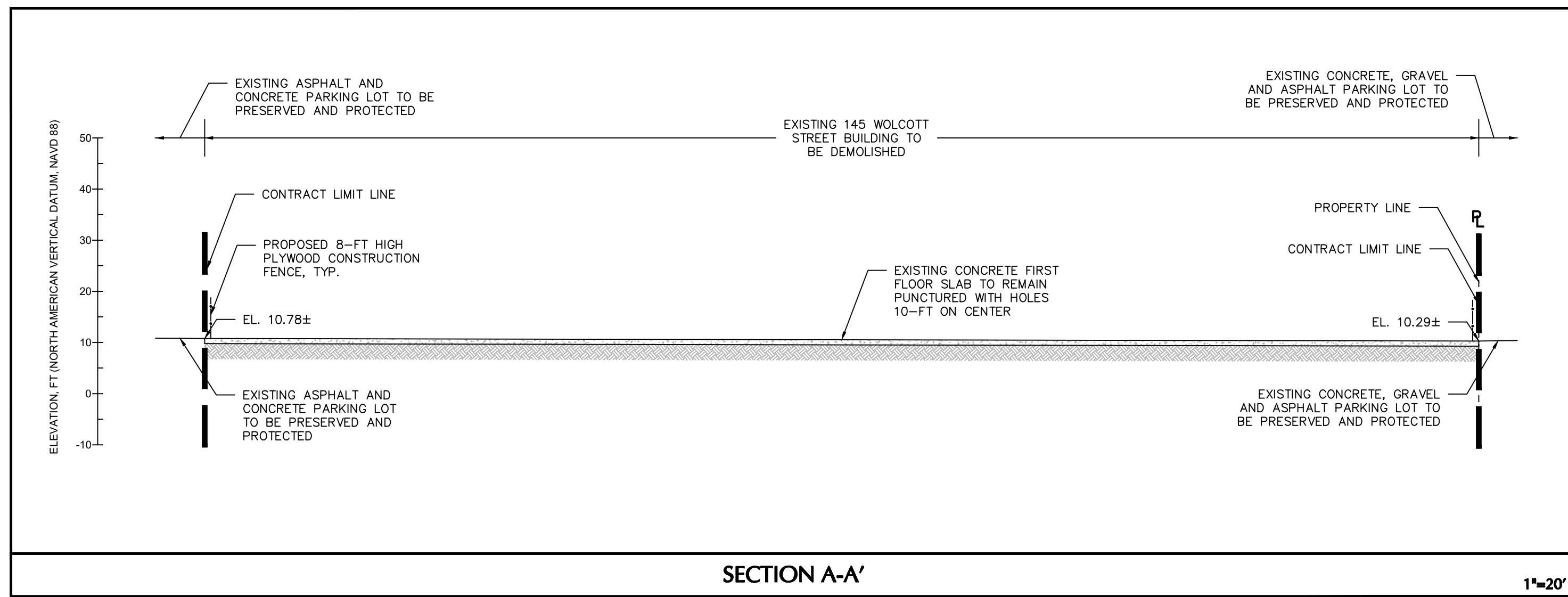
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Project
145 WOLCOTT STREET
BLOCK No. 574, LOT No. 1
CITY OF NEW YORK
BROOKLYN
NEW YORK

Drawing Title
**FINAL GRADING
AND SOIL EROSION
AND SEDIMENT
CONTROL PLAN**

Project No.
170562201
Date
29 JULY 2022
Drawn By
JNE
Checked By
SD

Drawing No.
CE101
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Project
145 WOLCOTT STREET
BLOCK No. 574, LOT No. 1
CITY OF NEW YORK
BROOKLYN NEW YORK

Drawing Title
POST-DEMOLITION SECTIONS

Project No. 170562201	Drawing No. CE201
Date 29 JULY 2022	Sheet of
Drawn By JNE	
Checked By SD	