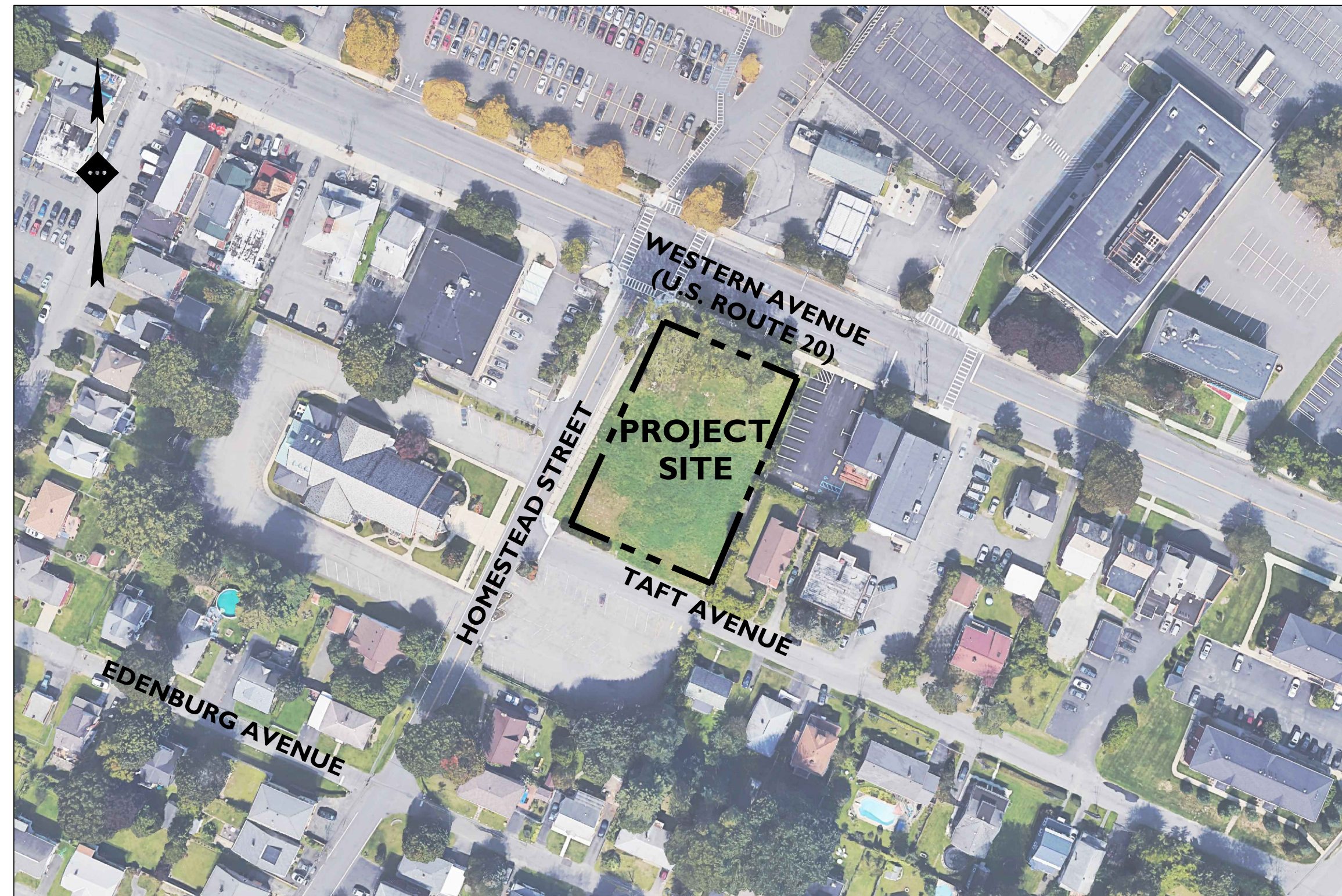


SOURCE: USGS 7.5 MINUTE SERIES ALBANY, NY QUADRANGLE MAP, DATED 2016

**LOCATION MAP**

SCALE: 1" = 1000'±



SOURCE: GOOGLE EARTH PRO AERIAL MAP, RETRIEVED MAY 16, 2019

**AERIAL MAP**

SCALE: 1" = 120'±

**SITE PLAN  
FOR  
CHASE  
PROPOSED BANK**

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY, ALBANY COUNTY, NY

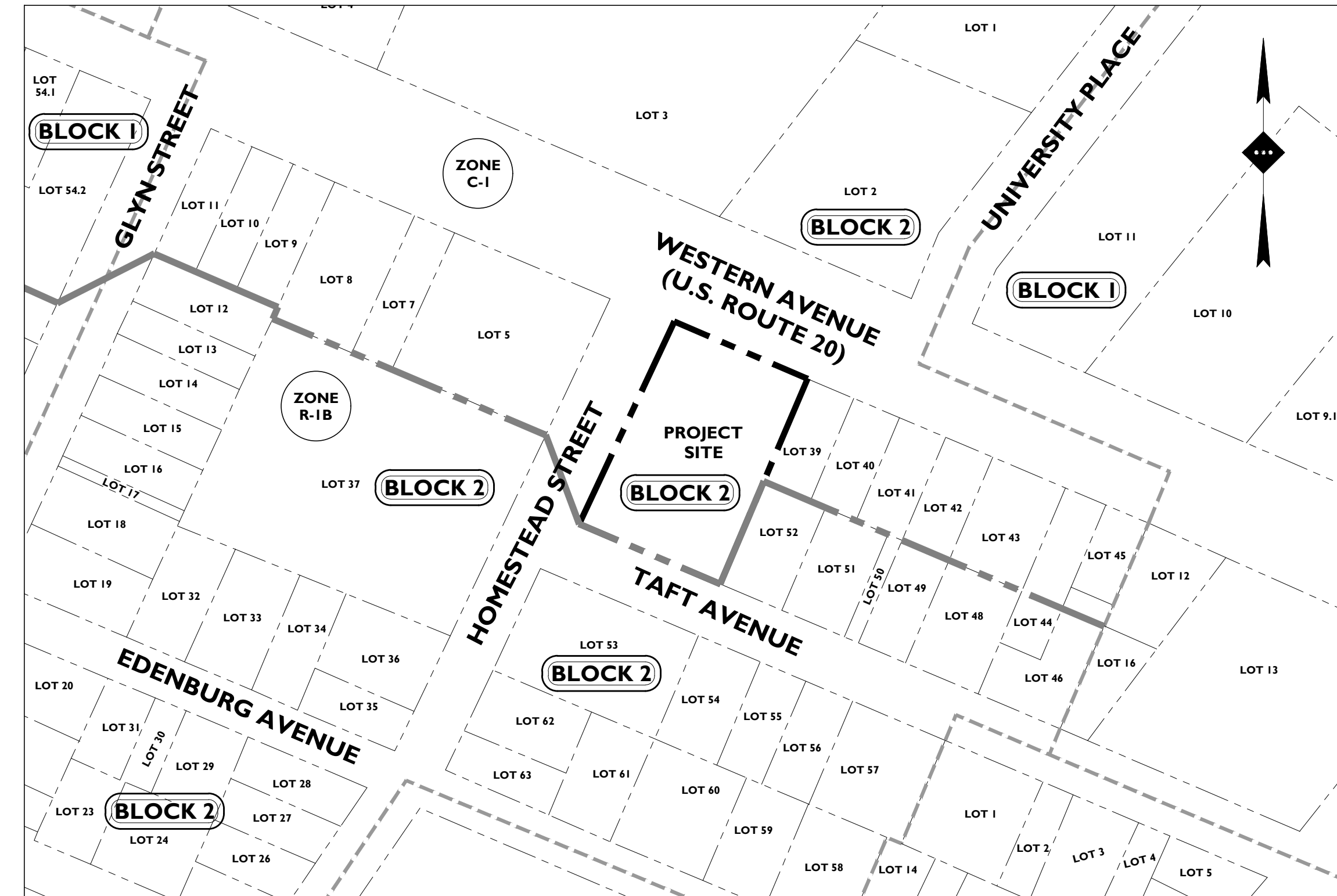
**APPLICANT**  
JP MORGAN CHASE

**OWNER**

ST. MARGARET MARY'S CHURCH  
1168 WESTERN AVENUE  
CITY OF ALBANY, NY 12203

**ATTORNEY**

JENNIFER M. PORTER  
11 TIMES SQUARE, 31ST FLOOR  
NEW YORK, NY 10036  
973 530 2071  
JPORTER@CSGLAW.COM



SOURCE: ALBANY COUNTY INTERACTIVE MAPPING, RETRIEVED 04/29/2019

**TAX / ZONING MAP**

SCALE: 1" = 120'±

PLANS PREPARED BY:



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Princeton, NJ · Tampa, FL · Detroit, MI  
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**PLAN REFERENCE MATERIALS:**

1. THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
  - UNITED STATES GEOLOGICAL SURVEY, 7.5 MINUTE SERIES MAP, ALBANY, NEW YORK QUADRANGLE, DATED 2016
  - GOOGLE EARTH SATELLITE IMAGERY, RETRIEVED MAY 16, 2019
  - ALBANY COUNTY INTERACTIVE MAPPING, RETRIEVED APRIL 29, 2019
  - BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY GALLAS SURVEYING GROUP, DATED MAY 15, 2018
  - ARCHITECTURAL PLANS PREPARED BY TPG ARCHITECTURE, DATED OCTOBER 2, 2018
2. ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE MATERIALS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

**SHEET INDEX**

DRAWING TITLE	SHEET #
COVER SHEET	C-1
EXISTING CONDITIONS PLAN	C-2
DEMOLITION PLAN	C-3
SITE PLAN	C-4
GRADING AND DRAINAGE PLAN	C-5
UTILITY PLAN	C-6
OVERALL LIGHTING PLAN	C-7
ATM SECURITY LIGHTING PLAN	C-8
EROSION AND SEDIMENT CONTROL PLAN	C-9
EROSION AND SEDIMENT CONTROL DETAILS	C-10
LANDSCAPING PLAN	C-11
LANDSCAPING DETAILS	C-12
CONSTRUCTION DETAILS	C-13 TO C-15

ISSUE	DATE	BY	DESCRIPTION
3	08/13/2019	JA	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	REVISED PER CITY COMMENTS
1	05/02/2019	PHN	ISSUED FOR SUBMISSION

NOT APPROVED FOR CONSTRUCTION

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**CHASE**  
PROPOSED BANK

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

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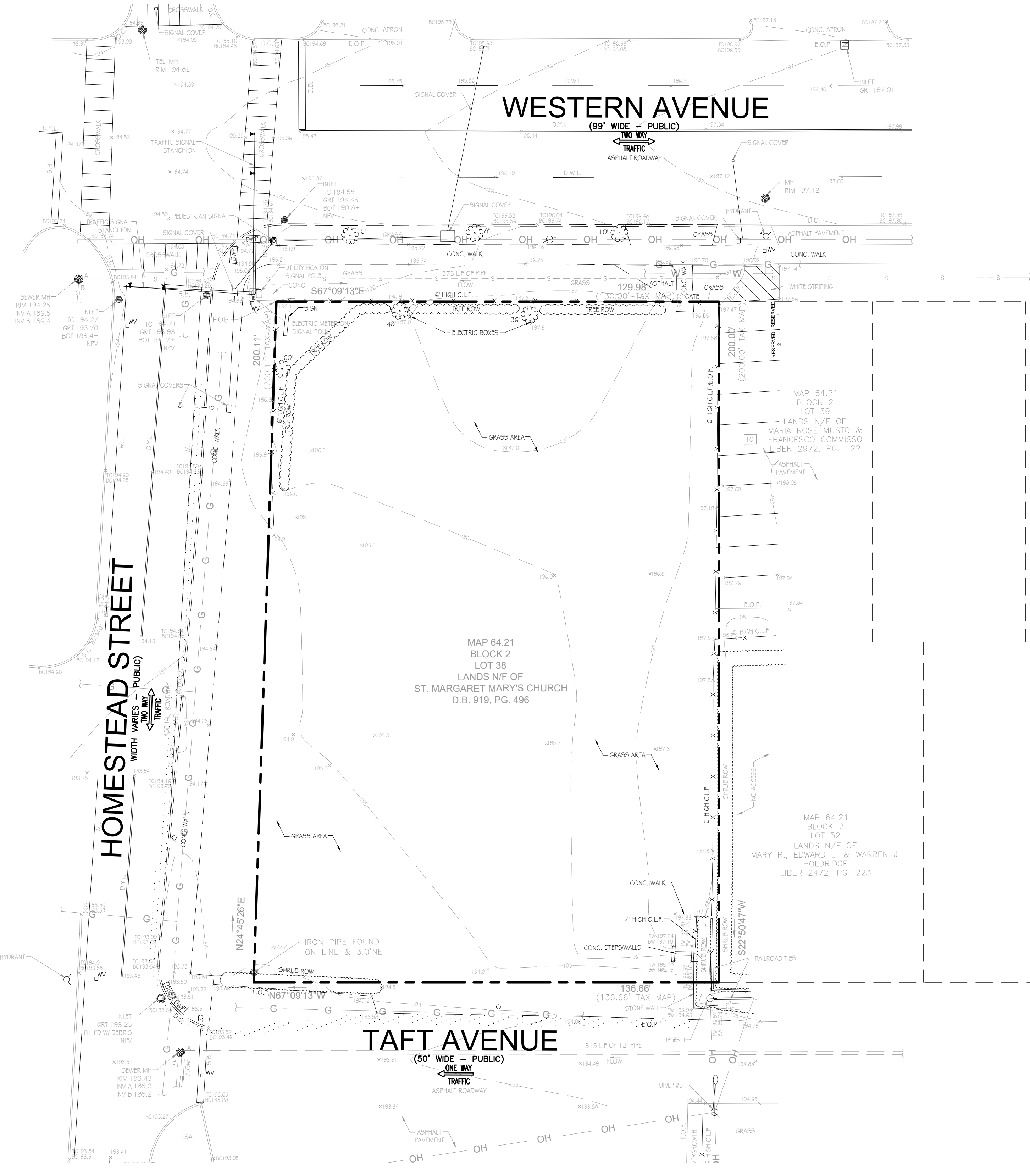
ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
LICENSED PROFESSIONAL ENGINEER

SCALE: AS SHOWN PROJECT ID: T-17779

TITLE:  
**COVER SHEET**

DRAWING:  
**C-1**

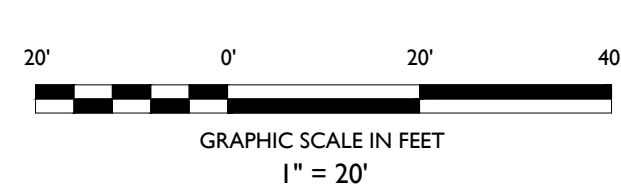
T:\2017\1779\TWO ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE ALBANY - INFO\DRAWING\DWG\1838.DWG



SYMBOL	DESCRIPTION
---	APPROXIMATE PROPERTY LINE (SEE NOTE 2)
---	EXISTING CONTOUR
x 196.34	EXISTING SPOT ELEVATION
x TC196.34	EXIST. TOP OF CURB ELEVATION
x BC196.34	EXIST. GUTTER ELEVATION
x TW196.34	EXIST. TOP OF WALL ELEVATION
x BW196.34	EXIST. BOTTOM OF WALL ELEVATION
---	APPROX. LOCATION U.G. WATER LINE PER UTILITY MARKOUT
---	APPROX. LOCATION U.G. GAS LINE PER UTILITY MARKOUT
---	APPROX. LOCATION U.G. SANITARY SEWER LINE PER UTILITY MARKOUT
---	APPROX. LOCATION U.G. TRAFFIC CONDUIT PER UTILITY MARKOUT
○	HYDRANT
WV	WATER VALVE
EM	ELECTRIC METER
MH	MANHOLE
IN	INLET
TS	TRAFFIC SIGNAL POLE
PC	PEDESTRIAN CROSSING SIGNAL
OW	OVERHEAD WIRES
UP	UTILITY POLE
UL	UTILITY POLE/LEIGHT POLE
GA	GLY ANCHOR
S	SIGN
DC	DEPRESSED CURB
DWP	DETECTABLE WARNING PAD
E.O.P.	EDGE OF PAVEMENT
C.L.F.	CHAIN LINK FENCE
S.B.	STOP BAR
W.L.	WHITE LINE
D.Y.L.	DOUBLE YELLOW LINE
D.W.L.	DASHED WHITE LINE
LSA	LANDSCAPED AREA
GR	GRATE
BT	BOTTOM
NPV	NO PIPES VISIBLE
PC	PARKING COUNT
LO	DENOTES OFFSET OF STRUCTURE AT GROUND LEVEL RELATIVE TO PROPERTY LINE
TS	TREE & TRUNK SIZE

- REFERENCES:
- SITE PLAN (PROPOSED 1170A WESTERN AVENUE) 1 HOMESTEAD STREET, CITY OF ALBANY, COUNTY OF ALBANY, NEW YORK, PREPARED BY HERSHBERG & HERSHBERG, DATED APRIL 8, 2015, SHEET NO. C2.
  - EXISTING CONDITIONS (PROPOSED 1170A WESTERN AVENUE) 1 HOMESTEAD STREET, CITY OF ALBANY, COUNTY OF ALBANY, NEW YORK, PREPARED BY HERSHBERG & HERSHBERG, DATED APRIL 8, 2015, SHEET NO. C1.
- TITLE DESCRIPTION (SEE NOTE NO. 12):
- ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ALBANY, COUNTY OF ALBANY AND STATE OF NEW YORK, BEING LOTS NOS. ONE (1), TWO (2), THREE (3), FOUR (4), TWENTY-ONE (21), TWENTY (20), NINETEEN (19) AND EIGHTEEN (18) ON MAP OR PLAN OF THREE HILLS TERRACE DATED APRIL 1, 1913, MADE BY A.L. ELIOT, L.E., AND FILED IN THE OFFICE OF THE CLERK, OF ALBANY COUNTY AS MAP 278, CLOSET 2, DRAWER 41, MORE PARTICULAR BOUNDED AND DESCRIBED AS:
- BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHWESTERLY SIDE OF WESTERN AVENUE WITH THE EASTERLY SIDE OF HOMESTEAD STREET;
- THENCE ALONG THE SOUTHERLY SIDE OF WESTERN AVENUE, SOUTH 67 DEGREES 09 MINUTES 13 SECOND EAST, 129.98 FEET TO A POINT;
- THENCE SOUTH 22 DEGREES 50 MINUTES 47 SECONDS WEST, 200.00 FEET TO A POINT;
- THENCE NORTH 67 DEGREES 09 MINUTES 13 SECONDS WEST, 136.66 FEET TO THE EASTERLY SIDE OF HOMESTEAD STREET;
- THENCE ALONG THE EASTERLY SIDE OF HOMESTEAD STREET, NORTH 24 DEGREES 45 MINUTES 26 SECONDS EAST, 200.11 FEET TO THE POINT OR PLACE OF BEGINNING.

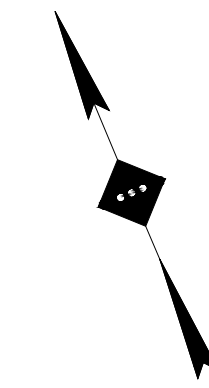
- NOTES:
- PROPERTY KNOWN AND DESIGNATED AS LOT 38, IN BLOCK 2 ON THE OFFICIAL TAX MAP FOR THE CITY OF ALBANY, ALBANY COUNTY, NEW YORK, MAP NO. 64.21, LAST REVISED JULY 7, 2016.
  - AREA: 26,665 S.F. OR 0.6121 AC.
  - LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. LOCATIONS AND SIZES ARE BASED ON PRIOR UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE ASBUILT PLANS AND UTILITY MARKOUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES.
  - THIS SURVEY WAS PREPARED WITH BENEFIT OF A CERTIFICATE OF TITLE PREPARED BY TITLVEST AS AGENTS FOR FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE NO. FA-48-83261, HAVING AN EFFECTIVE DATE OF JANUARY 30, 2018, FOR SECTION 64.21, BLOCK 2, LOT 38, WHERE THE FOLLOWING SURVEY RELATED ITEMS APPEAR IN SCHEDULE B:
  - NONE
  - ELEVATIONS ARE BASED UPON NAVD 88.
  - BY GRAPHIC PLOTTING, PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS IDENTIFIED ON NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP (FIRM) NO. 3401C0187D, EFFECTIVE DATE MARCH 16, 2015.
  - THE LOCATION AND EXTENTS OF UNDERGROUND VAULTS & TANKS HAVE NOT BEEN DETERMINED BY THE SURVEYOR.
  - ALL CURBING CONSISTS OF GRANITE UNLESS OTHERWISE NOTED.
  - THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION HAS NOT RESPONDED TO REQUEST FOR MAPPING AT THE TIME OF SURVEY ISSUANCE.
  - THE CITY OF ALBANY HAD NOT RESPONDED TO REQUEST FOR MAPPING AT THE TIME OF SURVEY ISSUANCE.
  - UTILITY MAPPING HAD NOT BEEN OBTAINED AT THE TIME OF SURVEY ISSUANCE.
  - A LEGIBLE COPY OF A MAP OR PLAN OF THREE HILLS TERRACE MADE BY A.L. ELIOT, L.E. AND FILED IN THE OFFICE OF THE CLERK OF ALBANY COUNTY AS MAP 278, CLOSET 2, DRAWER 41 SHOWING LOTS 1-4 & 18-21 WAS NOT AVAILABLE AND PROVIDED. THE METES & BOUNDS OF LOT 38, BLOCK 2 ARE SHOWN BASED ON A TITLE DESCRIPTION PROVIDED BY TITLVEST AND IS IN ACCORDANCE WITH THE PROPERTY BOUNDARY ILLUSTRATED ON REFERENCE PLAN #1.



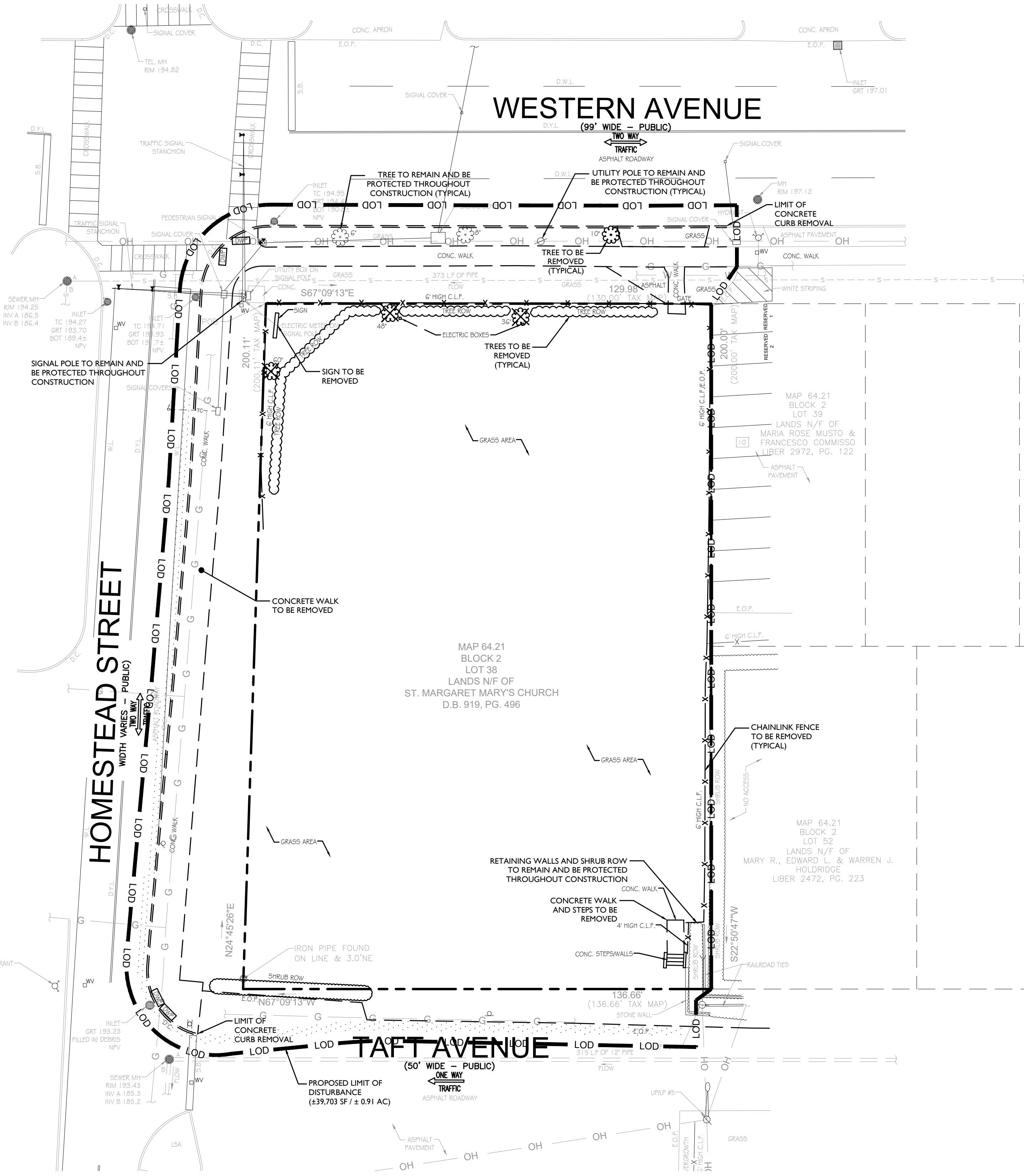
		<p>Rutherford, NJ - New York, NY Princeton, NJ - Tampa, FL - Detroit, MI www.stonefielddeng.com</p> <p>584 Broadway, Suite 310, New York, NY 10012 Phone 718.606.8305</p>	
<p><b>NOT APPROVED FOR CONSTRUCTION</b></p>		<p><b>CHASEO</b> PROPOSED BANK</p>	
<p>SITE PLAN</p>		<p>BLOCK 2, LOT 38 1 HOMESTEAD STREET CITY OF ALBANY ALBANY COUNTY, NY</p>	
<p>ZACHARY E. CHAPLIN, P.E. NEW YORK LICENSE No. 099748 LICENSED PROFESSIONAL ENGINEER</p>		<p></p>	
SCALE:	1" = 20'	PROJECT ID:	T-17779
TITLE:			
EXISTING CONDITIONS PLAN			
DRAWING:			
C-2			

REVISION <th>DATE <th>ISSUED FOR <th>BY <th>DESCRIPTION</th> </th></th></th>	DATE <th>ISSUED FOR <th>BY <th>DESCRIPTION</th> </th></th>	ISSUED FOR <th>BY <th>DESCRIPTION</th> </th>	BY <th>DESCRIPTION</th>	DESCRIPTION
3	08/13/2019	PHN	PHN	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	PHN	REVISED PER CITY COMMENTS
1	05/20/2019	PHN	PHN	ISSUED FOR SUBMISSION

T:\2017\1779\ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE ALBANY, NY\DWG\PCV\KIL.DWG

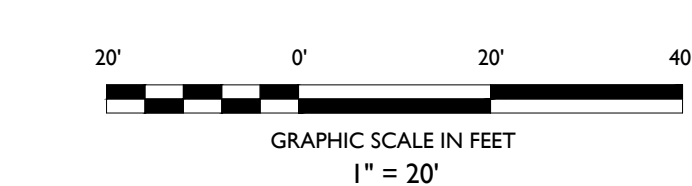


SYMBOL	DESCRIPTION
---	FEATURE TO BE REMOVED / DEMOLISHED
---	LOD
---	LIMIT OF DISTURBANCE



Know what's below  
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- DEMOLITION NOTES**
1. THE WORK REFLECTED ON THE DEMOLITION PLAN IS TO PROVIDE GENERAL INFORMATION TOWARDS THE EXISTING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE ENTIRE PLAN SET AND ASSOCIATED REPORTS/REFERENCE DOCUMENTS INCLUDING ALL DEMOLITION ACTIVITIES AND INCIDENTAL TASKS NECESSARY TO COMPLETE THE SITE IMPROVEMENTS.
  2. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF DEMOLITION ACTIVITIES.
  3. EXPLOSIVES SHALL NOT BE USED UNLESS WRITTEN CONSENT FROM BOTH THE OWNER AND ANY APPLICABLE GOVERNING AGENCY IS OBTAINED. BEFORE THE START OF ANY EXPLOSIVE PROGRAM, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL LOCAL, STATE, AND FEDERAL PERMITS. ADDITIONALLY, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL SEISMIC TESTING AS REQUIRED AND ANY DAMAGES AS THE RESULT OF SAID DEMOLITION PRACTICES.
  4. ALL DEMOLITION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL UTILITIES ARE DISCONNECTED IN ACCORDANCE WITH THE UTILITY AUTHORITY'S REQUIREMENTS PRIOR TO STARTING THE DEMOLITION OF ANY STRUCTURE. ALL EXCAVATIONS ASSOCIATED WITH DEMOLISHED STRUCTURES OR REMOVED TANKS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO SUPPORT SITE AND BUILDING IMPROVEMENTS. A GEOTECHNICAL ENGINEER SHOULD BE PRESENT DURING BACKFILLING ACTIVITIES TO OBSERVE AND CERTIFY THAT BACKFILL MATERIAL WAS COMPACTED TO A SUITABLE CONDITION.
  5. DEMOLISHED DEBRIS SHALL NOT BE BURIED ON SITE. ALL WASTE/DEBRIS GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL RECORDS OF THE DISPOSAL TO DEMONSTRATE COMPLIANCE WITH THE ABOVE REGULATIONS.



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**CHASE**  
PROPOSED BANK

**811**

SITE PLAN

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
LICENSED PROFESSIONAL ENGINEER

**STONEFIELD**  
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SCALE: 1" = 20' PROJECT ID: T-1779

TITLE:  
**DEMOLITION PLAN**

DRAWING:

**C-3**

ISSUE	DATE	BY	DESCRIPTION
3	08/13/2019	JA	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	REVISED PER CITY COMMENTS
1	05/20/2019	PHN	ISSUED FOR SUBMISSION

TABLE OF LAND USE AND ZONING			
BLOCK 2, LOT 38			
MIXED USE, NEIGHBORHOOD CENTER (MU-NC)			
<b>PROPOSED USE</b>	PERMITTED PRIMARY USE		
BUSINESS SERVICE	PERMITTED ACCESSORY USE		
TRASH ENCLOSURE			
<b>ZONING REQUIREMENT</b>	<b>REQUIRED</b>	<b>EXISTING</b>	<b>PROPOSED</b>
MINIMUM LOT AREA	N/A	26,664 SF (0.61 AC)	26,664 SF (0.61 AC)
MINIMUM LOT WIDTH	20 FT	133.1 FT	133.1 FT
MAXIMUM IMPERVIOUS COVERAGE	90% (23,337 SF)	0.00% (75 SF)	52.6% (14,029 SF)
MAXIMUM BUILDING HEIGHT	3 1/2 STORIES	N/A	1 STORY (26.4 FT)
MINIMUM FRONT YARD SETBACK	N/A	N/A	8.3 FT
WESTERN AVENUE			1.7 FT
HOMESTEAD STREET			146.7 FT
TAFT AVENUE			
MAXIMUM FRONT YARD SETBACK	10 FT	N/A	8.3 FT
WESTERN AVENUE			1.7 FT
HOMESTEAD STREET			146.7 FT (V)
TAFT AVENUE			
MINIMUM REAR YARD SETBACK	0 FT	N/A	55.0 FT

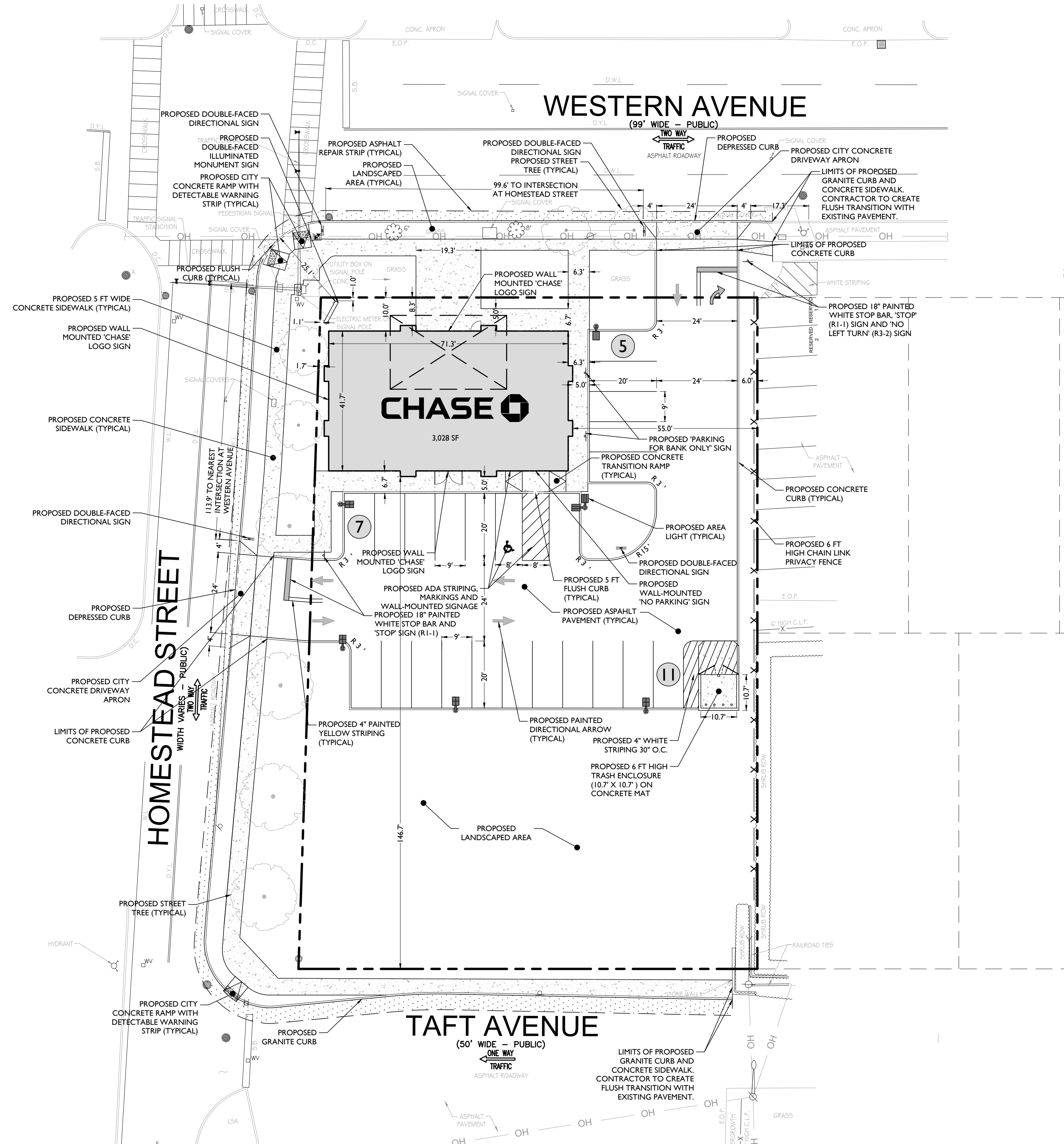
(V) VARIANCE

OFF-STREET PARKING REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 375-4-E(2)	REQUIRED PARKING: 1 SPACE PER 400 SF NLA (3,028 SF / 1 SPACE / 400 SF NLA) = 8 SPACES  TOTAL REQUIRED = 8 PARKING SPACES	23 SPACES
§ 375-4-E(2)(b)	MAXIMUM PARKING: MINIMUM PARKING * 115% (8 SPACES) * 1.15 = 9 SPACES	23 SPACES (V)
TABLE 375-4-8	PARKING SPACE WIDTH = 9 FT PARKING SPACE DEPTH = 20 FT ACCESS AISLE WIDTH = 24 FT	9 FT 20 FT 24 FT

(V) VARIANCE

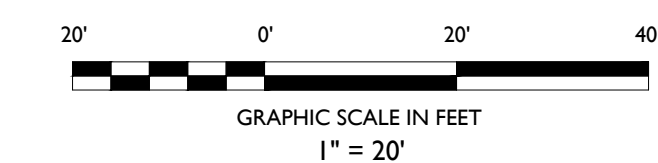
SCREENING REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 375-4(F).6	AN OPAQUE WALL, FENCE OR VEGETATIVE SCREEN WITH AT LEAST 50 PERCENT OPACITY, SIX FEET IN HEIGHT IN AREAS BEHIND THE FRONT FACADE OF THE PRIMARY BUILDING, THREE SMALL SHRUBS PER 25 LINEAR FEET OF LOT LINE SHALL BE INSTALLED ON THE SIDE OF THE FENCE FACING THE NEIGHBORING PROPERTY.	COMPLIES
§ 375-3(C)(6)(P)(III)	TRASH ENCLOSURE SHALL NOT BE LOCATED IN ANY REQUIRED FRONT YARD, SIDE YARD, OR OTHER LANDSCAPED AREA, OR ANY OTHER AREA REQUIRED TO BE MAINTAINED BY APPLICABLE LAW.	COMPLIES

SIGNAGE REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 375-4-(3)(e)	MINIMUM SIGN SETBACK: 20 FT FROM INTERSECTION	25.1 FT
§ 375-4-(5)(a)(i)	FREE STANDING SIGN:  MAXIMUM SIZE = 20 SF MAXIMUM HEIGHT = 5 FT ILLUMINATION ALLOWED	13.4 SF 5 FT COMPLIES
§ 375-4-(5)(a)(ii)	WALL SIGN:  MAXIMUM SIZE = 24 SF MAXIMUM NUMBER PER STREET FRONTAGE = 1 SIGN ILLUMINATION ALLOWED	20.7 SF 1 SIGN COMPLIES



SYMBOL	DESCRIPTION
---	PROPERTY LINE
---	SAWCUT LINE
---	PROPOSED CURB
---	PROPOSED DEPRESSED CURB
---	PROPOSED FLUSH CURB
○	PROPOSED SIGNS / BOLLARDS
■	PROPOSED BUILDING
□	PROPOSED CONCRETE
■	PROPOSED AREA LIGHT
---	PROPOSED CHAINLINK FENCE
---	PROPOSED BUILDING DOORS

- GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE PROPOSED SCOPE OF WORK (INCLUDING DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY DISCREPANCY BE FOUND BETWEEN THE EXISTING SITE CONDITIONS AND THE PROPOSED WORK, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC PRIOR TO THE START OF CONSTRUCTION.
  - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ENSURE THAT ALL REQUIRED APPROVALS HAVE BEEN OBTAINED PRIOR TO THE START OF CONSTRUCTION. COPIES OF ALL REQUIRED PERMITS AND APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.
  - ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS STONEFIELD ENGINEERING & DESIGN, LLC, AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES AND LIABILITIES INCLUDING ATTORNEY'S FEES ARISING OUT OF CLAIMS BY EMPLOYEES OF THE CONTRACTOR IN ADDITION TO CLAIMS CONNECTED TO THE PROJECT AS A RESULT OF NOT CARRYING THE PROPER INSURANCE FOR WORKERS COMPENSATION, LIABILITY INSURANCE, AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE.
  - THE CONTRACTOR SHALL NOT DEVIATE FROM THE PROPOSED IMPROVEMENTS IDENTIFIED WITHIN THIS PLAN SET UNLESS APPROVAL IS PROVIDED IN WRITING BY STONEFIELD ENGINEERING & DESIGN, LLC.
  - THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
  - THE CONTRACTOR SHALL NOT PERFORM ANY WORK OR CAUSE DISTURBANCE ON A PRIVATE PROPERTY NOT CONTROLLED BY THE PERSON OR ENTITY WHO HAS AUTHORIZED THE WORK WITHOUT PRIOR WRITTEN CONSENT FROM THE OWNER OF THE PRIVATE PROPERTY.
  - THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTOR'S EXPENSE.
  - CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE SHOP DRAWINGS, PRODUCT DATA, AND OTHER REQUIRED SUBMITTALS FOR REVIEW. STONEFIELD ENGINEERING & DESIGN, LLC, WILL REVIEW THE SUBMITTALS IN ACCORDANCE WITH THE DESIGN INTENT AS REFLECTED WITHIN THE PLAN SET.
  - THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
  - THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK IN THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AUTHORITY AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT OF STREET OPENING PERMITS.
  - THE CONTRACTOR IS REQUIRED TO RETAIN AN OSHA CERTIFIED SAFETY INSPECTOR TO BE PRESENT ON SITE AT ALL TIMES DURING CONSTRUCTION & DEMOLITION ACTIVITIES.
  - SHOULD AN EMPLOYEE OF STONEFIELD ENGINEERING & DESIGN, LLC, BE PRESENT ON SITE AT ANY TIME DURING CONSTRUCTION, IT DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES AND REQUIREMENTS LISTED IN THE NOTES WITHIN THIS PLAN SET.



REVISED PER CITY COMMENTS	REVISION	DATE	BY	DESCRIPTION
	JA	08/13/2019		
	PHN	06/11/2019		
	PHN	05/07/2019		
				ISSUE

NOT APPROVED FOR CONSTRUCTION

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SITE PLAN

**CHASE**  
PROPOSED BANK

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
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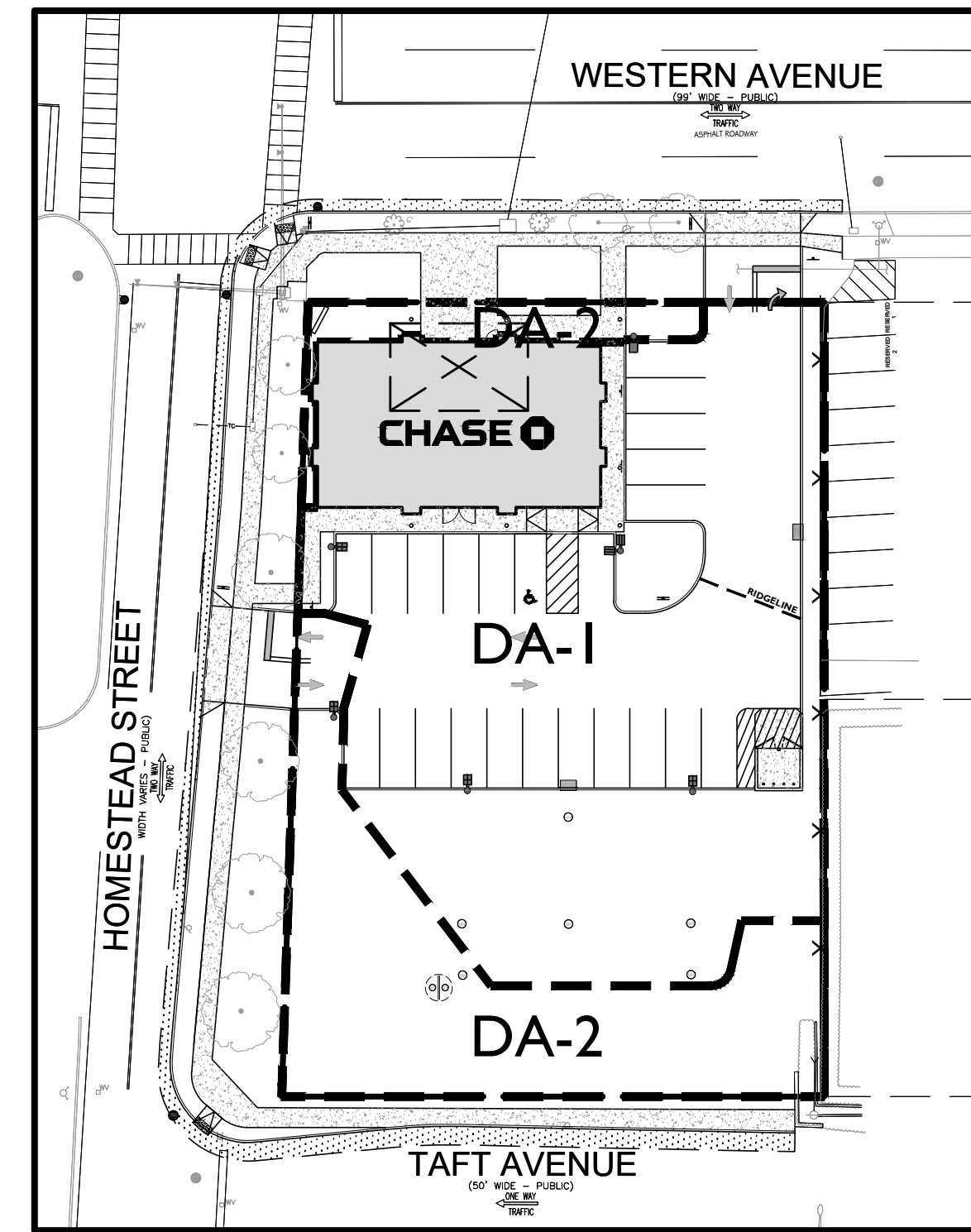
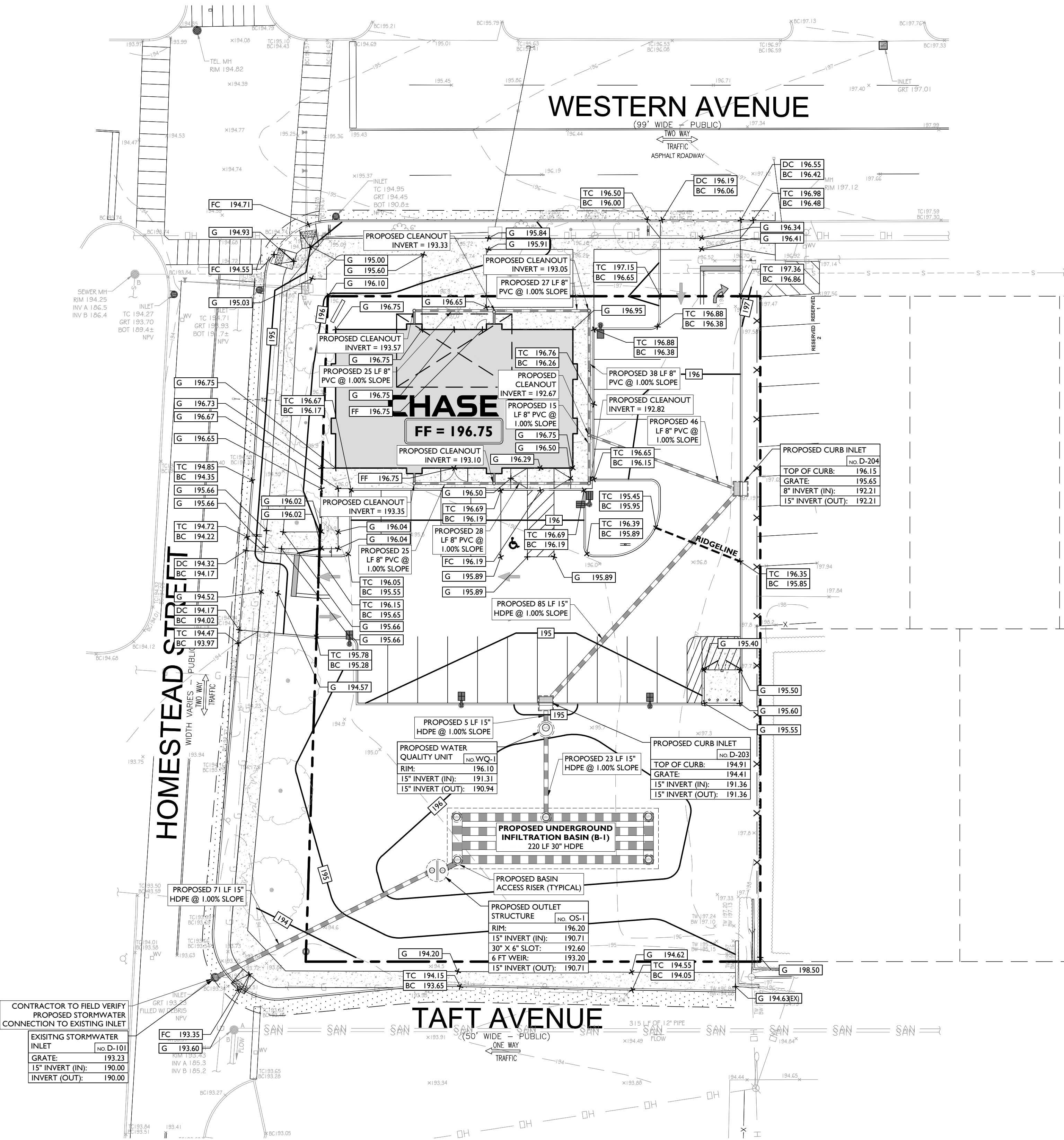
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SCALE: 1" = 20' PROJECT ID: T-17779

TITLE:  
**SITE PLAN**

DRAWING:  
**C-4**

PROJECT: 1779; TYP: ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE; ALIANT; INFO: CADPLOT/DWG/ISSUE/ISSUE.DWG



**DRAINAGE AREA MAP**  
1" = 40'

SYMBOL	DESCRIPTION
---	PROPERTY LINE
—100—	PROPOSED GRADING CONTOUR
—RIDGELINE—	PROPOSED GRADING RIDGELINE
←	PROPOSED DIRECTION OF DRAINAGE FLOW
X G 100.00	PROPOSED GRADE SPOT SHOT
X TC 100.50 BC 100.00	PROPOSED TOP OF CURB / BOTTOM OF CURB SPOT SHOT
X FC 100.00	PROPOSED FLUSH CURB SPOT SHOT
X DC 100.12 BC 100.00	PROPOSED DEPRESSED CURB / BOTTOM OF CURB SPOT SHOT
X TW 102.00 BW 100.00	PROPOSED TOP OF WALL / BOTTOM OF WALL SPOT SHOT

**GRADING NOTES**

1. ALL SOIL AND MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS. ANY GROUNDWATER DEWATERING PRACTICES SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS FOR THE DISCHARGE OF DEWATERED GROUNDWATER. ALL SOIL IMPORTED TO THE SITE SHALL BE CERTIFIED CLEAN FILL. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL MATERIALS BROUGHT TO THE SITE.
2. THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY AND/OR PERMANENT SHORING WHERE REQUIRED DURING EXCAVATION ACTIVITIES, INCLUDING BUT NOT LIMITED TO UTILITY TRENCHES, TO ENSURE THE STRUCTURAL INTEGRITY OF NEARBY STRUCTURES AND STABILITY OF THE SURROUNDING SOILS.
3. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 4 INCHES TO 7 INCHES ABOVE EXISTING GRADES UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL SUPPLY ALL STAKEOUT CURB GRADE SHEETS TO STONEFIELD ENGINEERING & DESIGN, LLC. FOR REVIEW AND APPROVAL PRIOR TO POURING CURBS.
4. THE CONTRACTOR IS RESPONSIBLE TO SET ALL PROPOSED UTILITY COVERS AND RESET ALL EXISTING UTILITY COVERS WITHIN THE PROJECT LIMITS TO PROPOSED GRADE IN ACCORDANCE WITH ANY APPLICABLE MUNICIPAL, COUNTY, STATE AND/OR UTILITY AUTHORITY REGULATIONS.
5. MINIMUM SLOPE REQUIREMENTS TO PREVENT PONDING SHALL BE AS FOLLOWS:
  - CURB GUTTER: 0.50%
  - CONCRETE SURFACES: 1.00%
  - ASPHALT SURFACES: 1.00%
6. A MINIMUM SLOPE OF 1.00% SHALL BE PROVIDED AWAY FROM ALL BUILDINGS. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FROM THE BUILDING IS ACHIEVED AND SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IF THIS CONDITION CANNOT BE MET. FOR PROJECTS WHERE BASEMENTS ARE PROPOSED, THE DEVELOPER IS RESPONSIBLE TO DETERMINE THE DEPTH TO GROUNDWATER AT THE LOCATION OF THE PROPOSED STRUCTURE. IF GROUNDWATER IS ENCOUNTERED WITHIN THE BASEMENT AREA, SPECIAL CONSTRUCTION METHODS SHALL BE UTILIZED AND REVIEWED/APPROVED BY THE CONSTRUCTION CODE OFFICIAL. IF SLUMP PUMPS ARE UTILIZED, ALL DISCHARGES SHALL BE CONNECTED DIRECTLY TO THE PUBLIC STORM SEWER SYSTEM WITH APPROVAL FROM THE GOVERNING STORM SEWER SYSTEM AUTHORITY.

**DRAINAGE NOTES**

1. THE CONTRACTOR TO PERFORM A TEST PIT PRIOR TO CONSTRUCTION (RECOMMEND 30 DAYS PRIOR) AT LOCATIONS OF EXISTING UTILITY CROSSINGS FOR STORMWATER IMPROVEMENTS SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING.
2. CONTRACTOR SHALL START CONSTRUCTION OF STORM LINES AT THE LOWEST INVERT AND WORK UP-GRADE.
3. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN A RECORD OF THE AS-BUILT LOCATIONS OF ALL PROPOSED UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR SHALL NOTE ANY DISCREPANCIES BETWEEN THE AS-BUILT LOCATIONS AND THE LOCATIONS DEPICTED WITHIN THE PLAN SET. THIS RECORD SHALL BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF WORK.

**EXCAVATION, SOIL PREPARATION, AND DEWATERING NOTES**

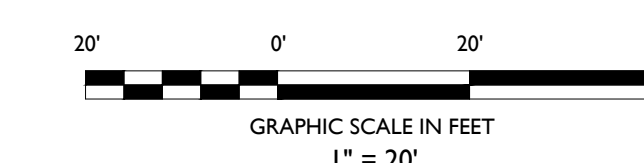
1. THE CONTRACTOR IS REQUIRED TO REVIEW THE REFERENCED GEOTECHNICAL DOCUMENTS PRIOR TO CONSTRUCTION. THESE DOCUMENTS SHALL BE CONSIDERED A PART OF THE PLAN SET.
2. THE CONTRACTOR IS REQUIRED TO PREPARE SUBGRADE SOILS BENEATH ALL PROPOSED IMPROVEMENTS AND BACKFILL ALL EXCAVATIONS IN ACCORDANCE WITH RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER OF RECORD.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SHORING FOR ALL EXCAVATIONS AS REQUIRED. CONTRACTOR SHALL HAVE THE SHORING DESIGN PREPARED BY A QUALIFIED PROFESSIONAL. SHORING DESIGNS SHALL BE SUBMITTED TO STONEFIELD ENGINEERING & DESIGN, LLC, AND THE OWNER PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL OPEN EXCAVATIONS ARE PERFORMED AND PROTECTED IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DEWATERING DESIGN AND OPERATIONS, AS REQUIRED, TO CONSTRUCT THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL OBTAIN ANY REQUIRED PERMITS FOR DEWATERING OPERATIONS AND GROUNDWATER DISPOSAL.

**STORMWATER INFILTRATION BMP CONSTRUCTION NOTES**

1. PRIOR TO THE START OF CONSTRUCTION, ANY AREA DESIGNATED TO BE USED FOR AN INFILTRATION BMP (E.G. BASIN, BIORETENTION AREA, ETC.) SHALL BE FENCED OFF AND SHALL NOT BE UTILIZED AS STORAGE FOR CONSTRUCTION EQUIPMENT OR AS A STOCKPILE AREA FOR CONSTRUCTION MATERIALS. NO ACTIVITY SHALL BE PERMITTED WITHIN THE INFILTRATION BASIN AREA UNLESS RELATED TO THE CONSTRUCTION OF THE INFILTRATION BASIN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ALL SUBCONTRACTORS OF BASIN AREA RESTRICTIONS.
2. THE CONTRACTOR SHALL MAKE EVERY EFFORT, WHERE PRACTICAL, TO AVOID SUBGRADE SOIL COMPACTION IN THE AREAS DESIGNATED TO BE USED FOR AN INFILTRATION BMP.
3. ALL EXCAVATION WITHIN THE LIMITS OF ANY INFILTRATION BMP SHALL BE PERFORMED WITH THE LIGHTEST PRACTICAL EXCAVATION EQUIPMENT. ALL EXCAVATION EQUIPMENT SHALL BE PLACED OUTSIDE THE LIMITS OF THE BASIN WHERE FEASIBLE. THE USE OF LIGHT-WEIGHT, RUBBER-TIRED EQUIPMENT (LESS THAN 8 PSI APPLIED TO THE GROUND SURFACE) IS RECOMMENDED WITHIN THE BASIN LIMITS.
4. THE SEQUENCE OF SITE CONSTRUCTION SHALL BE COORDINATED WITH BASIN CONSTRUCTION TO ADHERE TO SEQUENCING LIMITATIONS.
5. DURING THE FINAL GRADING OF AN INFILTRATION BASIN, SOIL INFILTRATION TESTING BY A LICENSED GEOTECHNICAL ENGINEER IS REQUIRED TO CERTIFY COMPLIANCE WITH THE DESIGN INFILTRATION RATES IN ACCORDANCE WITH APPENDIX E OF THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION'S BEST MANAGEMENT PRACTICES MANUAL, LATEST EDITION. IF THE FIELD INFILTRATION RATES ARE LOWER THAN THE RATE USED DURING DESIGN, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING IMMEDIATELY TO DETERMINE THE APPROPRIATE COURSE OF ACTION.
6. THE CONTRACTOR SHALL NOTIFY THE MUNICIPALITY TO DETERMINE IF WITNESS TESTING IS REQUIRED DURING INFILTRATION BASIN EXCAVATION AND/OR SOIL INFILTRATION TESTING.

**ADA NOTES**

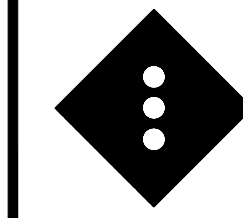
1. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION WITHIN THE ADA PARKING SPACES AND ACCESS AISLES.
2. THE CONTRACTOR SHALL PROVIDE COMPLIANT SIGNAGE AT ALL ADA PARKING AREAS IN ACCORDANCE WITH STATE GUIDELINES.
3. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 5.00% RUNNING SLOPE AND A MAXIMUM OF 2.00% CROSS SLOPE ALONG WALKWAYS WITHIN THE ACCESSIBLE PATH OF TRAVEL (SEE THE SITE PLAN FOR THE LOCATION OF THE ACCESSIBLE PATH). THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE ACCESSIBLE PATH OF TRAVEL IS 36 INCHES WIDE OR GREATER UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
4. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION AT ALL LANDINGS. LANDINGS INCLUDE, BUT ARE NOT LIMITED TO, THE TOP AND BOTTOM OF AN ACCESSIBLE RAMP. AT ACCESSIBLE BUILDING ENTRANCES, AT AN AREA IN FRONT OF A WALK-UP RAMP, AND AT TURNING SPACES ALONG THE ACCESSIBLE PATH OF TRAVEL, THE LANDING AREA SHALL HAVE A MINIMUM CLEAR AREA OF 60 INCHES BY 60 INCHES UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
5. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 0.33% RUNNING SLOPE AND A MAXIMUM 2.00% CROSS SLOPE ON ANY CURB RAMPS ALONG THE ACCESSIBLE PATH OF TRAVEL, WHERE PROVIDED. CURB RAMPS SHALL NOT HAVE A SLOPE GREATER THAN 1:10. IF A LANDING AREA IS PROVIDED AT THE TOP OF THE RAMP, FOR ALTERATIONS, A CURB RAMP FLARE SHALL NOT HAVE A SLOPE GREATER THAN 8:33%. IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP, CURB RAMPS SHALL NOT RISE MORE THAN 6 INCHES IN ELEVATION WITHOUT A HANDRAIL. THE CLEAR WIDTH OF A CURB RAMP SHALL BE NO LESS THAN 36 INCHES WIDE.
6. CURB RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL CONTAIN COMPLIANT HANDRAILS ON BOTH SIDES OF THE RAMP AND SHALL NOT RISE MORE THAN 30" IN ELEVATION WITHOUT A LANDING AREA IN BETWEEN RAMP RUNS. LANDING AREAS SHALL ALSO BE PROVIDED AT THE TOP AND BOTTOM OF THE RAMP.
7. A SLIP RESISTANT SURFACE SHALL BE CONSTRUCTED ALONG THE ACCESSIBLE PATH AND WITHIN ADA PARKING AREAS.
8. THE CONTRACTOR SHALL ENSURE A MAXIMUM OF 1/4" INCHES VERTICAL CHANGE IN LEVEL ALONG THE ACCESSIBLE PATH, WHERE A CHANGE IN LEVEL BETWEEN 1/4" INCHES AND 1/2" INCHES EXISTS. CONTRACTOR SHALL ENSURE THAT THE TOP 1/4" INCH CHANGE IN LEVEL IS BEVELED WITH A SLOPE NOT STEEPER THAN 1 UNIT VERTICAL AND 2 UNITS HORIZONTAL (2:1 SLOPE).
9. THE CONTRACTOR SHALL ENSURE THAT ANY OPENINGS (GAPS OR HORIZONTAL SEPARATION) ALONG THE ACCESSIBLE PATH SHALL NOT ALLOW PASSAGE OF A SPHERE GREATER THAN 1/2" INCH.



REVISED PER CITY COMMENTS	REVISED PER CITY COMMENTS	ISSUED FOR SUBMISSION	DESCRIPTION
JA	PHN	PHN	
08/13/2019	06/11/2019	05/20/2019	
3	2	1	ISSUE
			DATE
			BY

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engineering & design



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Princeton, NJ - Tampa, FL - Detroit, MI  
www.stonefielddesign.com  
584 Broadway, Suite 310, New York, NY 10012  
Phone 718.606.8305

**CHASE**  
PROPOSED BANK

SITE PLAN

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE NO. 099748  
LICENSED PROFESSIONAL ENGINEER

**STONEFIELD**  
engineering & design

SCALE: 1" = 20' PROJECT ID: T-17719

TITLE:  
**GRADING AND DRAINAGE PLAN**

DRAWING:

**C-5**

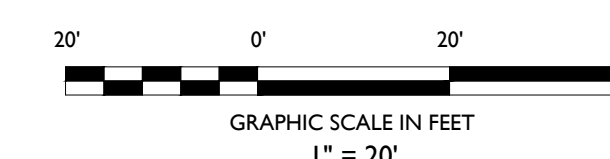
T:\2017\1779\TPO\ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE ALBANY - INFO\DRAWING\03\06\UTILITY.DWG



SYMBOL	DESCRIPTION
---	PROPERTY LINE
— SAN —	PROPOSED SANITARY LATERAL
— W —	PROPOSED DOMESTIC WATER SERVICE
— E/T/C —	PROPOSED ELECTRICAL/DATA CONDUITS
— G —	PROPOSED GAS LINE
⤵	PROPOSED WATER BEND

**DRAINAGE AND UTILITY NOTES**

1. THE CONTRACTOR IS REQUIRED TO CALL THE APPROPRIATE AUTHORITY FOR NOTICE OF CONSTRUCTION/EXCAVATION AND UTILITY MARK OUT PRIOR TO THE START OF CONSTRUCTION IN ACCORDANCE WITH STATE LAW. CONTRACTOR IS REQUIRED TO CONFIRM THE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES IN THE FIELD. SHOULD A DISCREPANCY EXIST BETWEEN THE FIELD LOCATION OF A UTILITY AND THE LOCATION SHOWN ON THE PLAN SET OR SURVEY, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IMMEDIATELY IN WRITING.
2. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN IN OPERATION ALL UTILITIES NOT DESIGNATED TO BE REMOVED.
3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY EXISTING UTILITY IDENTIFIED TO REMAIN WITHIN THE LIMITS OF THE PROPOSED WORK DURING CONSTRUCTION.
4. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET IS REQUIRED BETWEEN ANY SANITARY SEWER SERVICE AND ANY WATER LINES. IF THIS SEPARATION CANNOT BE PROVIDED, A CONCRETE ENCASMENT SHALL BE UTILIZED FOR THE SANITARY SEWER SERVICE AS APPROVED BY STONEFIELD ENGINEERING & DESIGN, LLC.
5. ALL WATER LINES SHALL BE VERTICALLY SEPARATED ABOVE SANITARY SEWER LINES BY A MINIMUM DISTANCE OF 18 INCHES. IF THIS SEPARATION CANNOT BE PROVIDED, A CONCRETE ENCASMENT SHALL BE UTILIZED FOR THE SANITARY SEWER SERVICE AS APPROVED BY STONEFIELD ENGINEERING & DESIGN, LLC.
6. THE CONTRACTOR TO PERFORM A TEST PIT PRIOR TO CONSTRUCTION (RECOMMEND 30 DAYS PRIOR) AT LOCATIONS OF EXISTING UTILITY CROSSINGS FOR WATER AND SANITARY SEWER CONNECTION IMPROVEMENTS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING.
7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRIC AND TELECOMMUNICATION CONNECTIONS WITH THE APPROPRIATE GOVERNING AUTHORITY.
8. CONTRACTOR SHALL START CONSTRUCTION OF ANY GRAVITY SEWER AT THE LOWEST INVERT AND WORK UP GRADIENT.
9. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN A RECORD SET OF PLANS REFLECTING THE LOCATION OF EXISTING UTILITIES THAT HAVE BEEN CAPPED, ABANDONED, OR RELOCATED BASED ON THE DEMOLITION/REMOVAL ACTIVITIES REQUIRED IN THIS PLAN SET. THIS DOCUMENT SHALL BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF WORK.
10. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN A RECORD OF THE AS-BUILT LOCATIONS OF ALL PROPOSED UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR SHALL NOTE ANY DISCREPANCIES BETWEEN THE AS-BUILT LOCATIONS AND THE LOCATIONS DEPICTED WITHIN THE PLAN SET. THIS RECORD SHALL BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF WORK.



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ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
LICENSED PROFESSIONAL ENGINEER



SCALE: 1" = 20' PROJECT ID: T-17779

TITLE:  
**UTILITY PLAN**

DRAWING:

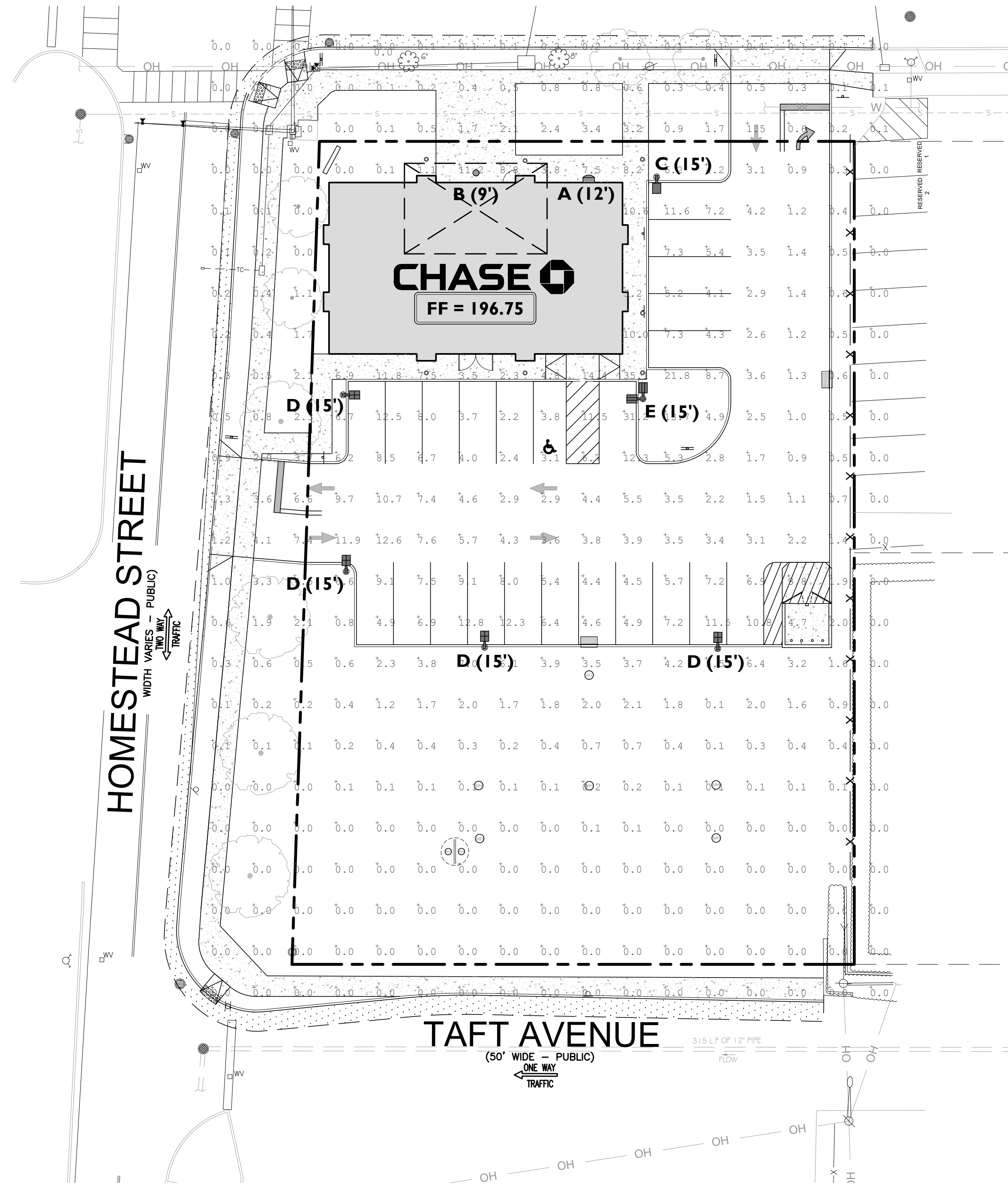
**C-6**

ISSUE	DATE	BY	DESCRIPTION
3	08/13/2019	JA	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	REVISED PER CITY COMMENTS
1	05/07/2019	PHN	ISSUED FOR SUBMISSION

LIGHTING REQUIREMENTS		
DESIGN STANDARDS	REQUIRED	PROPOSED
§374-4(H)-(3)(i)	LIGHTING COLOUR AND FIXTURE TYPES SHALL BE CONSISTENT THROUGH THE SITE	COMPLIES
§374-4(H)-(3)(iii)	PARKING AREAS SHALL BE LIT WITH CUTOFF TO FULL CUTOFF. LIGHT LEVELS SHALL MEET MINIMUM PER IESNA REQUIREMENTS.	COMPLIES
§374-4(H)-(3)(vi)	MAXIMUM HEIGHT OF LIGHTING FIXTURE OVER WALKWAY = 12 FT MIN FC = 1 FC	12 FT 2.3 FC
§374-4(H)-(3)(viii)	MAXIMUM LIGHT TRESPASS ON ADJACENT PROPERTY = 0.1 FC	0.0 FC
§374-4(H)-(3)(x)	MINIMUM FIXTURE EFFICIENCY = 80 LUMENS/WATT	95 LUMENS/WATT
§374-4(H)-(4)(b)(iv)	MAXIMUM LIGHTING FIXTURE HEIGHT = 15 FT	15 FT

PROPOSED LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QUANTITY	LUMINAIRE	DISTRIBUTION	LLF	MANUFACTURER	IES FILE
	A	1	EVOLVE LED SCALABLE WALL PACK - ASYMMETRIC FORWARD - 2900 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EWS3_A7D140-120-277V
	B	1	EVOLVE LED AREA LIGHT (ECRA) CANOPY LIGHT - SYMMETRIC WIDE - 4,170 LUMENS	SYMMETRIC WIDE (TYPE V)	0.90	GE CURRENT	ECRA_ASF540-120-277V
	C	1	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT WITH SHIELDING - ASYMMETRIC FORWARD - 14,700 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EALS03_F4AF740
	D	3	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT - ASYMMETRIC FORWARD - 14,700 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EALS03_F4AF740
	E	1	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT - ASYMMETRIC NARROW - 14,700 LUMENS	ASYMMETRIC NARROW (TYPE II)	0.90	GE CURRENT	EALS03_F2AN740

SYMBOL	DESCRIPTION
---	PROPOSED CALCULATION AREA
---	PROPOSED ISOMETRIC LINE
A (XX')	PROPOSED LIGHTING FIXTURE (MOUNTING HEIGHT)
+xx	PROPOSED LIGHTING INTENSITY (FOOT CANDLES)
	PROPOSED AREA LIGHT
	PROPOSED BUILDING MOUNTED LIGHT

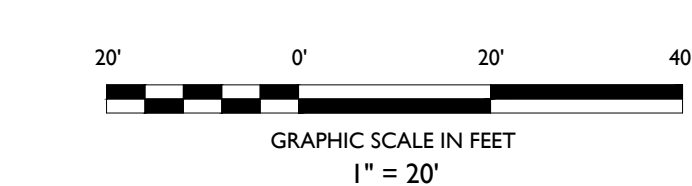


**GENERAL LIGHTING NOTES**

- THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER. ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH AS WEATHER, VOLTAGE SUPPLY, LAMP TOLERANCE, EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
- WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON FIELD OBSERVATIONS AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
- UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
  - LIGHT EMITTING DIODES (LED): 0.90
- THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING/PROPOSED DRAINAGE, UTILITY, OR OTHER IMPROVEMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO PREPARE A WIRING PLAN AND PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF WIRING AND PROVIDE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.

**ATM LIGHTING NOTES:**

- THE CONTRACTOR SHALL REPLACE LAMP COVERS, RE-LAMP AND RE-BALLAST EXISTING LIGHT FIXTURES AS INDICATED WITHIN THE PLAN SET. THE EXISTING FIXTURE HEIGHT SHALL BE MAINTAINED UNLESS INDICATED OTHERWISE. THE LIGHTING DESIGN IS SUBJECT TO CHANGE IF THE EXISTING LIGHT FIXTURES ARE NOT GREATER THAN OR EQUAL TO THE FOLLOWING WATTAGE:
  - FIXTURE 'X' = MINIMUM 'X' WATTS
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING IF THE EXISTING LIGHT FIXTURES ARE NOT THE MINIMUM WATTAGE SPECIFIED WITHIN THE PLAN SET.
- THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY EXISTING LIGHT POLES IDENTIFIED FOR REUSE WITH A PROPOSED LIGHT FIXTURE(S) SHALL BE IN ACCEPTABLE WORKING CONDITION AND HAVE THE CAPACITY TO SUPPORT THE PROPOSED LIGHT FIXTURE(S). ANY MOUNTING EQUIPMENT REQUIRED TO ATTACH THE PROPOSED LIGHTING FIXTURE TO THE EXISTING LIGHT POLE SHALL BE PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CONFIRM THAT THE LOCATION OF ANY PROPOSED BUILDING MOUNTED LIGHTING FIXTURE WILL NOT CONFLICT WITH ANY EXISTING OR PROPOSED STRUCTURAL ELEMENT (E.G. CANOPY SUPPORT BEAMS). THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING OF ANY FIXTURE CONFLICT PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING TREE LIMBS WITHIN THE 60 FOOT ATM RADIUS SHOWN IN THE PLAN SET SHALL BE TRIMMED TO A MINIMUM OF 6 FEET ABOVE GRADE. ALL SHRUBS WITHIN THE 60 FOOT ATM RADIUS SHALL BE TRIMMED TO A MINIMUM OF 36 INCHES ABOVE GRADE. ALL BRUSH SHALL BE REMOVED. THE CONTRACTOR SHALL CONSIDER ALL FUTURE GROWTH AND FULL BLOOM WHEN TRIMMING LANDSCAPING. EXISTING TREE LIMBS ADJACENT TO LIGHTING FIXTURES SHALL BE TRIMMED AS REQUIRED TO PREVENT LIGHT INTERFERENCE.
- PRIOR TO BID, CONTRACTOR SHALL VERIFY EXISTING EXTERIOR LIGHTING CONDITIONS AFTER DUSK AND NOTIFY THE DEVELOPER/OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC OF DAMAGED OR INOPERABLE LIGHTS. THE CONTRACTOR SHALL REPAIR ALL INOPERABLE LIGHTS UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET.
- THE ILLUMINATION LEVELS DEPICTED WITHIN THE PLAN SET ARE BASED ON REGULATORY STATE STANDARDS FOR SAFETY LIGHTING AND ON CLIENT STANDARDS.
- ALL LIGHTING FIXTURES, UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET, HAVE THE PHOTOCELL OPTION ENABLED.
- EXISTING LIGHTING FIXTURES CONTROLLED BY OUTSIDE ENTITIES (E.G. LANDLORD) HAVE BEEN EXCLUDED FROM THE LIGHTING ANALYSIS REFLECTED WITHIN THE PLAN SET. THE PROPOSED LIGHT LEVELS HAVE BEEN DESIGNED TO COMPLY WITH ALL APPLICABLE ATM AND SAFETY LIGHTING REQUIREMENTS INDEPENDENT OF ANY UNCONTROLLED LIGHT FIXTURES.



REVISED PER CITY COMMENTS	ISSUED FOR SUBMISSION	DATE	BY	DESCRIPTION
JA	PHN	08/13/2019	PHN	
PHN	PHN	06/11/2019	PHN	
PHN	PHN	05/20/2019	PHN	

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LICENSED PROFESSIONAL ENGINEER

**STONEFIELD**  
engineering & design

SCALE: 1" = 20' PROJECT ID: T-17779

TITLE:  
**OVERALL LIGHTING PLAN**

DRAWING:  
**C-7**

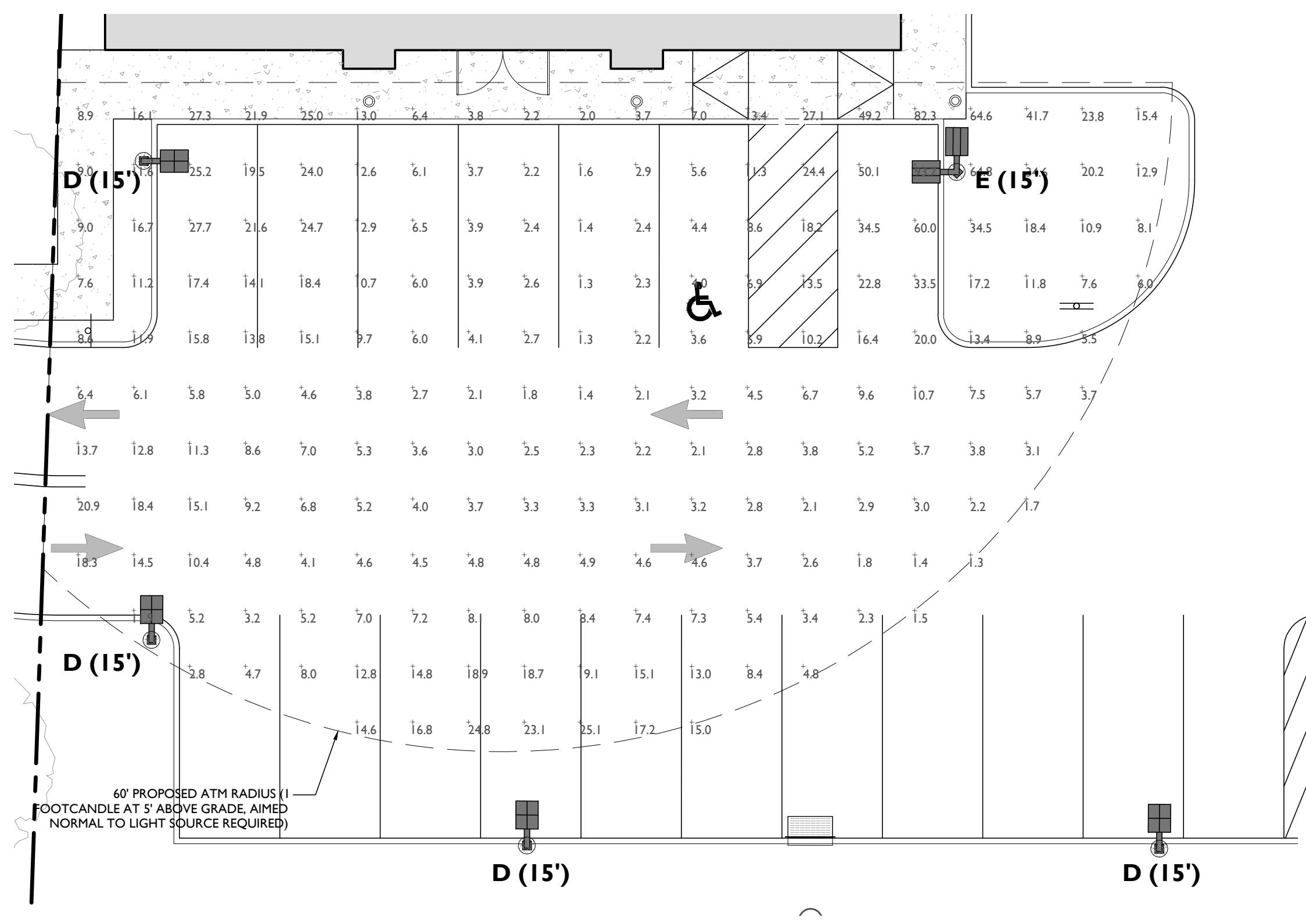
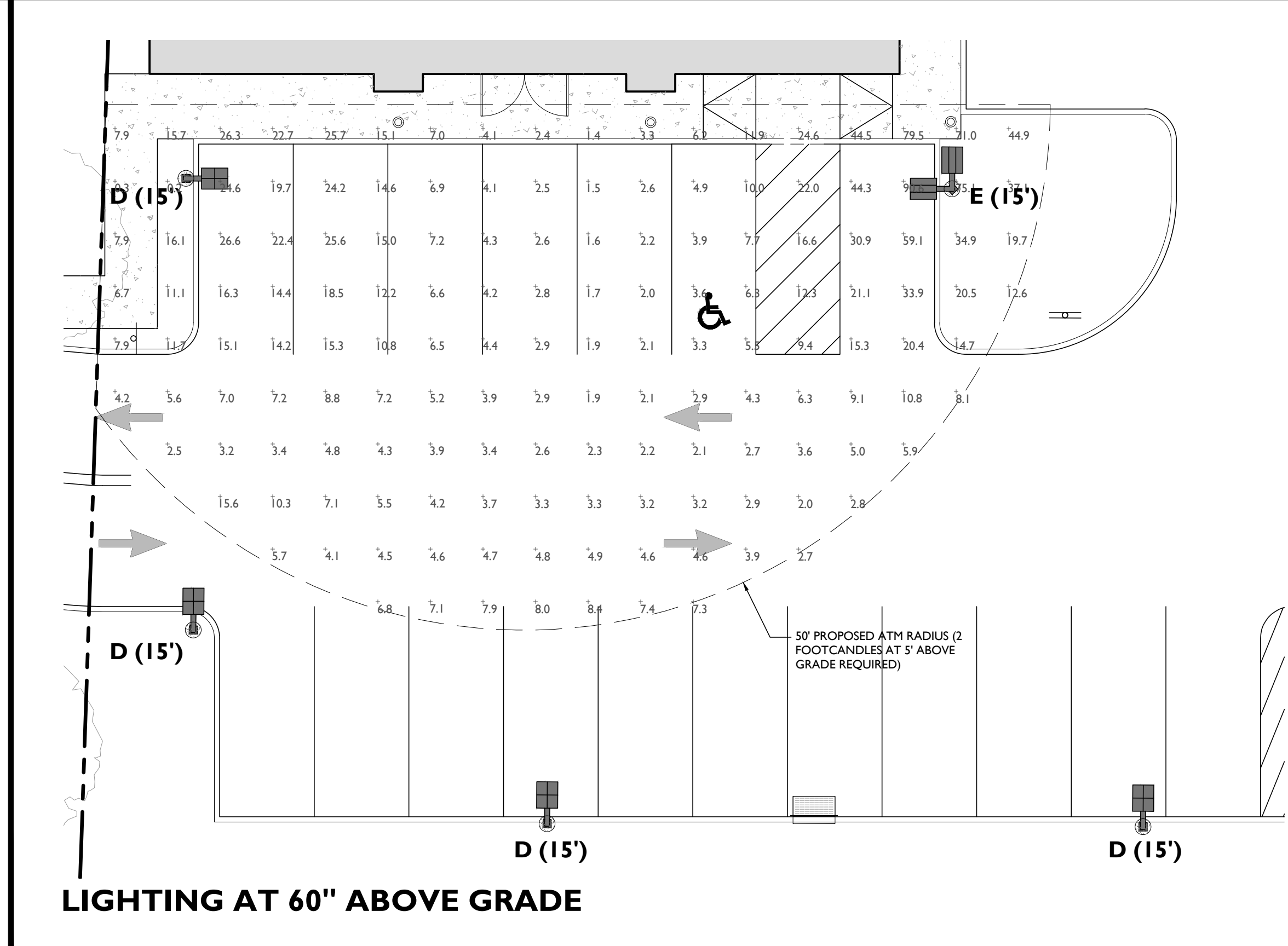
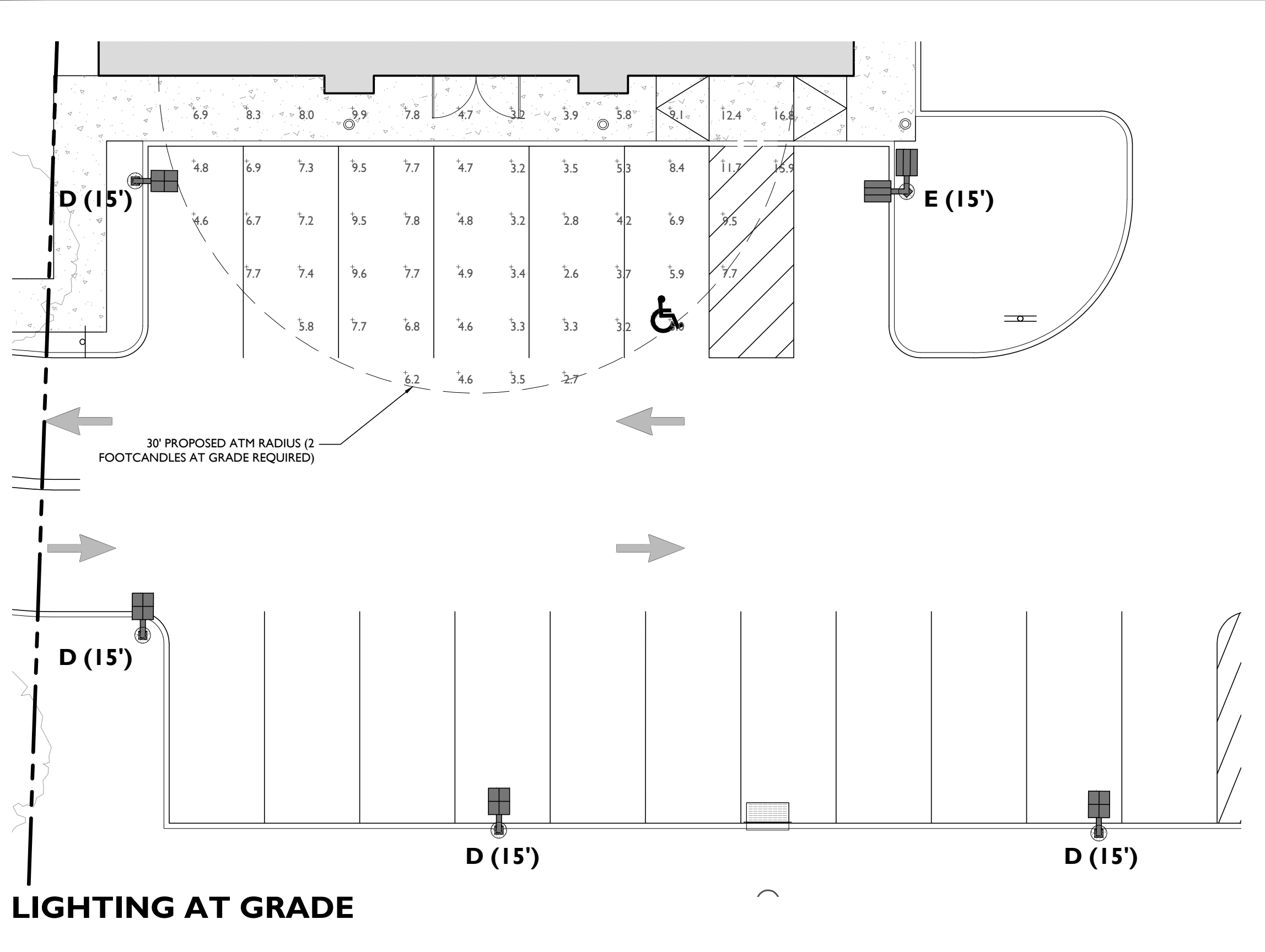
LIGHTING REQUIREMENTS		
DESIGN STANDARDS	REQUIRED	PROPOSED
§374-4(h)-(3)(i)	LIGHTING COLOUR AND FIXTURE TYPES SHALL BE CONSISTENT THROUGH THE SITE	COMPLIES
§374-4(h)-(3)(ii)	PARKING AREAS SHALL BE LIT WITH CUTOFF TO FULL CUTOFF. LIGHT LEVELS SHALL MEET MINIMUM PER IESNA REQUIREMENTS.	COMPLIES
§374-4(h)-(3)(vi)	MAXIMUM HEIGHT OF LIGHTING FIXTURE OVER WALKWAY = 12 FT MIN FC = 1 FC	12 FT 1.4 FC
§374-4(h)-(3)(viii)	MAXIMUM LIGHT TRESPASS ON ADJACENT PROPERTY = 0.1 FC	0.0 FC
§374-4(h)-(3)(x)	MINIMUM FIXTURE EFFICIENCY = 80 LUMENS/WATT	95 LUMENS/WATT
§374-4(h)-(4)(b)(iv)	MAXIMUM LIGHTING FIXTURE HEIGHT = 15 FT	15 FT

NEW YORK STATE LIGHTING REQUIREMENTS		
REQUIRED	PROPOSED	
MINIMUM 2 FOOTCANDLES AT FACE OF ATM EXTENDING 30 FEET OUTWARD IN ALL DIRECTIONS AT GROUND LEVEL	2.7 FC	
MINIMUM 1 FOOTCANDLES AT FACE OF ATM EXTENDING 60 FEET OUTWARD IN ALL DIRECTIONS 5 FEET ABOVE GRADE MEASURED NORMAL TO A LIGHT SOURCE	1.3 FC	
MINIMUM 2 FOOTCANDLES AT FACE OF ATM EXTENDING 30 FEET OUTWARD IN ALL DIRECTIONS 5 FEET ABOVE GRADE	1.4 FC	

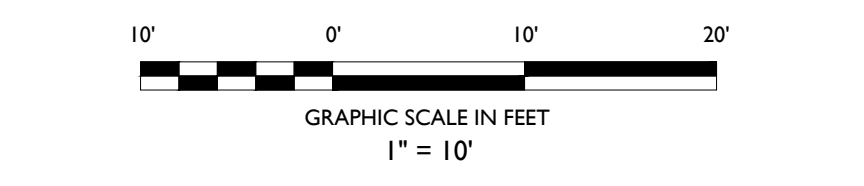
ACCORDING TO § 75-8.4.4 OF THE NEW YORK BANKING LAWS - ARTICLE 2-AA - ATM BANKING LAWS, A MINIMUM OF 2 FOOTCANDLES 30 FEET OUTWARD IN ALL DIRECTIONS AT 50 FT ABOVE GRADE NEED ONLY BE PROVIDED IF THE PRIOR TWO REQUIREMENTS FOR 30 FT AND 60 FT DISTANCES HAVE NOT BEEN MET.

PROPOSED LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QUANTITY	LUMINAIRE	DISTRIBUTION	LLF	MANUFACTURER	IES FILE
	A	1	EVOLVE LED SCALABLE WALL PACK - ASYMMETRIC FORWARD - 2900 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EWS3_A7D140_120-277V
	B	1	EVOLVE LED AREA LIGHT (ECRA) CANOPY LIGHT - SYMMETRIC WIDE - 4,170 LUMENS	SYMMETRIC WIDE (TYPE V)	0.90	GE CURRENT	ECRA_A5F540_120-277V
	C	1	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT WITH SHIELDING - ASYMMETRIC FORWARD - 14,700 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EALS03_F4AF740
	D	4	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT - ASYMMETRIC FORWARD - 14,700 LUMENS	ASYMMETRIC FORWARD (TYPE IV)	0.90	GE CURRENT	EALS03_F4AF740
	E	1	EVOLVE LED AREA LIGHT (EALS-03) AREA LIGHT - ASYMMETRIC NARROW - 14,700 LUMENS	ASYMMETRIC NARROW (TYPE II)	0.90	GE CURRENT	EALS03_F2AN740

SYMBOL	DESCRIPTION
	PROPOSED CALCULATION AREA
	PROPOSED ISOMETRIC LINE
	PROPOSED LIGHTING FIXTURE (MOUNTING HEIGHT)
	PROPOSED LIGHTING INTENSITY (FOOTCANDLES)
	PROPOSED AREA LIGHT
	PROPOSED BUILDING MOUNTED LIGHT



- GENERAL LIGHTING NOTES**
- THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH AS WEATHER, VOLTAGE SUPPLY, LAMP TOLERANCE, EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
  - WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON FIELD OBSERVATIONS AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
  - UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
    - LIGHT EMITTING DIODES (LED): 0.90
  - THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING PROPOSED DRAINAGE, UTILITY, OR OTHER IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE TO PREPARE A WIRING PLAN AND PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF WIRING AND PROVIDE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.
- ATM LIGHTING NOTES:**
- THE CONTRACTOR SHALL REPLACE LAMP COVERS, RE-LAMP AND RE-BALLAST EXISTING LIGHT FIXTURES AS INDICATED WITHIN THE PLAN SET. THE EXISTING FIXTURE HEIGHT SHALL BE MAINTAINED UNLESS INDICATED OTHERWISE. THE LIGHTING DESIGN IS SUBJECT TO CHANGE IF THE EXISTING LIGHT FIXTURES ARE NOT GREATER THAN OR EQUAL TO THE FOLLOWING WATTAGE:
    - FIXTURE 'X' = MINIMUM X WATTS
  - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING IF THE EXISTING LIGHT FIXTURES ARE NOT THE MINIMUM WATTAGE SPECIFIED WITHIN THE PLAN SET.
  - THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY EXISTING LIGHT POLES IDENTIFIED FOR REUSE WITH A PROPOSED LIGHT FIXTURE(S) SHALL BE IN ACCEPTABLE WORKING CONDITION AND HAVE THE CAPACITY TO SUPPORT THE PROPOSED LIGHT FIXTURE(S). ANY MOUNTING EQUIPMENT REQUIRED TO ATTACH THE PROPOSED LIGHTING FIXTURE TO THE EXISTING LIGHT POLE SHALL BE PROVIDED BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL CONFIRM THAT THE LOCATION OF ANY PROPOSED MOUNTED LIGHTING FIXTURE WILL NOT CONFLICT WITH ANY EXISTING OR PROPOSED STRUCTURAL ELEMENT (E.G. CANOPY SUPPORT BEAMS). THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC IN WRITING OF ANY FIXTURE CONFLICT PRIOR TO THE START OF CONSTRUCTION.
  - ALL EXISTING TREE LIMBS WITHIN THE 60 FOOT ATM RADIUS SHOWN IN THE PLAN SET SHALL BE TRIMMED TO A MINIMUM OF 6 FEET ABOVE GRADE. ALL SHRUBS WITHIN THE 60 FOOT ATM RADIUS SHALL BE TRIMMED TO A MINIMUM OF 36 INCHES ABOVE GRADE. ALL BRUSH SHALL BE REMOVED. THE CONTRACTOR SHALL CONSIDER ALL FUTURE GROWTH AND FULL BLOOM WHEN TRIMMING LANDSCAPING. EXISTING TREE LIMBS ADJACENT TO LIGHTING FIXTURES SHALL BE TRIMMED AS REQUIRED TO PREVENT LIGHT INTERFERENCE.
  - PRIOR TO BID, CONTRACTOR SHALL VERIFY EXISTING EXTERIOR LIGHTING CONDITIONS AFTER DUSK AND NOTIFY THE DEVELOPER/OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC OF DAMAGED OR INOPERABLE LIGHTS. THE CONTRACTOR SHALL REPAIR ALL INOPERABLE LIGHTS UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET.
  - THE ILLUMINATION LEVELS DEPICTED WITHIN THE PLAN SET ARE BASED ON REGULATORY STATE STANDARDS FOR SAFETY LIGHTING AND ON CLIENT STANDARDS.
  - ALL LIGHTING FIXTURES, UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET, HAVE THE PHOTOCELL OPTION ENABLED.
  - EXISTING LIGHTING FIXTURES CONTROLLED BY OUTSIDE ENTITIES (E.G. LANDLORD) HAVE BEEN EXCLUDED FROM THE LIGHTING ANALYSIS REFLECTED WITHIN THE PLAN SET. THE PROPOSED LIGHT LEVELS HAVE BEEN DESIGNED TO COMPLY WITH ALL APPLICABLE ATM AND SAFETY LIGHTING REQUIREMENTS INDEPENDENT OF ANY UNCONTROLLED LIGHT FIXTURES.



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**CHASE**  
PROPOSED BANK

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PROPOSED BANK

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
LICENSED PROFESSIONAL ENGINEER

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SCALE: 1" = 10' PROJECT ID: T-17779

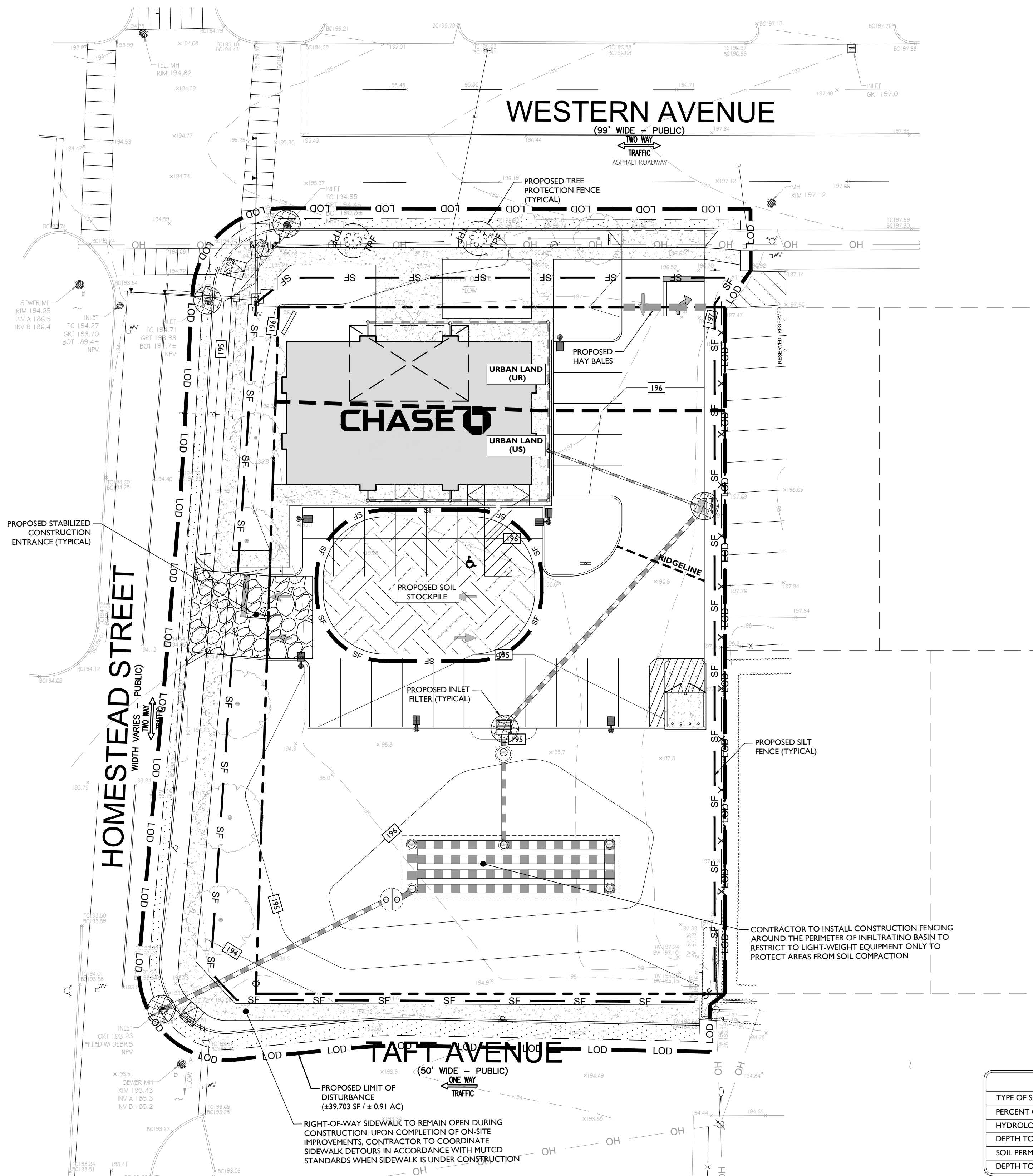
TITLE:  
**ATM SECURITY LIGHTING PLAN**

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**C-8**

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TYPE OF SOIL	URBAN LAND (US)	URBAN LAND (UR)
PERCENT OF SITE COVERAGE	18.0%	82.0%
HYDROLOGIC SOIL GROUP	N/A	N/A
DEPTH TO RESTRICTIVE LAYER	> 6.5 FT	N/A
SOIL PERMEABILITY	WELL DRAINED	N/A
DEPTH TO WATER TABLE	> 6.5 FT	N/A

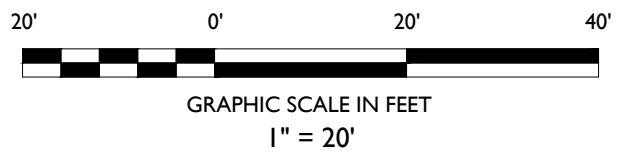
SYMBOL	DESCRIPTION
---	PROPERTY BOUNDARY
- - -	ADJACENT PROPERTY BOUNDARY
---	LOD
---	PROPOSED LIMIT OF DISTURBANCE
---	PROPOSED SILT FENCE
---	PROPOSED TREE PROTECTION FENCE
[Symbol]	PROPOSED STOCKPILE & EQUIPMENT STORAGE
[Symbol]	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
[Symbol]	PROPOSED INLET PROTECTION FILTER

- SOIL EROSION AND SEDIMENT CONTROL NOTES**
- THE CONTRACTOR IS RESPONSIBLE FOR SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
  - THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL AIR QUALITY STANDARDS.
  - THE CONTRACTOR IS RESPONSIBLE TO INSPECT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER A PRECIPITATION EVENT GREATER THAN 1 INCH. THE CONTRACTOR SHALL MAINTAIN AN INSPECTION LOG ON SITE AND DOCUMENT CORRECTIVE ACTION TAKEN THROUGHOUT THE COURSE OF CONSTRUCTION AS REQUIRED.

- SEQUENCE OF CONSTRUCTION:**
- OBTAIN PLAN APPROVAL AND ALL APPLICABLE PERMITS.
  - HOLD PRE-CONSTRUCTION MEETING AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.
  - ESTABLISH CONTRACTOR STAGING AREA.
  - INSTALL STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER SILT FENCE / HAY BALES AS SHOWN. THESE SHALL BE THE ONLY ENTRANCES AND EXITS FOR THE CONSTRUCTION SITE.
  - CONSTRUCTION AREA SECURITY FENCING MAY BE INSTALLED ALONG PERIMETER OF SITE AS LONG AS NO CONFLICTS OCCUR WITH THE REQUIREMENTS PROPOSED IN THE SEDIMENT CONTROL PLAN AND DETAILS.
  - BEGIN DEMOLITION OF EXISTING STRUCTURES. ALL EXPOSED SOIL AREAS FOR DEMOLITION SHALL BE STABILIZED TEMPORARILY UNTIL NEXT PHASE OF CONSTRUCTION BEGINS.
  - STOCKPILE WILL BE STABILIZED, LEVELED AND PROTECTED FROM WIND AND RUNOFF EROSION WITH PLASTIC COVERS, AND PROTECTED WITH HAY BALES AND SILT FENCE.
  - BEGIN ROUGH GRADING SITE.
  - INSTALL PERMANENT DRAINAGE STRUCTURES AND STORMWATER CONVEYANCE SYSTEM BEGINNING FROM DOWNSTREAM WORKING UPSTREAM. INSTALL INLET FILTER PROTECTION AS REQUIRED IMMEDIATELY FOLLOWING THE INLET / CATCH BASIN BECOMING FUNCTIONAL.
  - BEGIN UTILITY INSTALLATIONS AND CONNECTIONS TO PROPOSED BUILDING LOCATION.
  - BEGIN SITE IMPROVEMENTS UPON COMPLETION OF FILL ACTIVITIES. BEGIN PAVEMENT SUBGRADE PREPARATION AND CONSTRUCTION OF ON-SITE CURBING AND PAVEMENT / CONCRETE PAD BASE COURSE.
  - COMPLETE FINAL GRADING FOR BUILDING.
  - INSTALL ASPHALT PAVEMENT AND CONCRETE PAD.
  - CONSTRUCT BUILDINGS.
  - COMPLETE CONSTRUCTION / INSTALLATION OF SITE FEATURES.
  - SPREAD TOPSOIL AND PERMANENTLY STABILIZE ANY PROPOSED LANDSCAPING AREAS UPSTREAM OF THE STORMWATER MANAGEMENT FACILITIES WITH SEEDING AND MULCH.
  - AFTER THE SITE IS PERMANENTLY STABILIZED, REMOVE ANY REMAINING TEMPORARY SEDIMENT CONTROLS AND DEVICES. FINE GRADE AND PROVIDE STABILIZATION WITH PERMANENT SEED AND MULCH FOR ANY AREAS DISTURBED IN THIS PROCESS.

- GENERAL NOTES:**
- THE CONTRACTOR SHALL PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES FIELD VERIFY THE SITE CONDITIONS AND SCOPE OF WORK DEPICTED ON THE PLAN SET. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS.
  - THE CONTRACTOR SHALL CALL NEW YORK 811 AT "811" OR "1-800-272-4480" AT LEAST 48 HOURS PRIOR TO BEGINNING ANY WORK.
  - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE PERMITS AND SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL AGENCIES.
  - THE CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION ARE STABILIZED. ALL SEDIMENT CONTROL MEASURES REFERRED TO ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".

- STABILIZATION NOTES:**
- CONTRACTOR SHALL MEET ALL GUIDELINES AND REQUIREMENTS FOR TEMPORARY STABILIZATION OF ALL DISTURBED AREAS.
  - DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITHIN 14 DAYS OF DISTURBANCE UNLESS CONSTRUCTION SHALL RESUME IN THAT AREA WITHIN 21 DAYS.
  - CONTRACTOR SHALL MEET ALL GUIDELINES AND REQUIREMENTS FOR PERMANENT STABILIZATION OF ALL DISTURBED AREAS.



REVISION	DATE	ISSUE	BY	DESCRIPTION
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SITE PLAN

**CHASE**  
PROPOSED BANK

BLOCK 2, LOT 38  
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ZACHARY E. CHAPLIN, P.E.  
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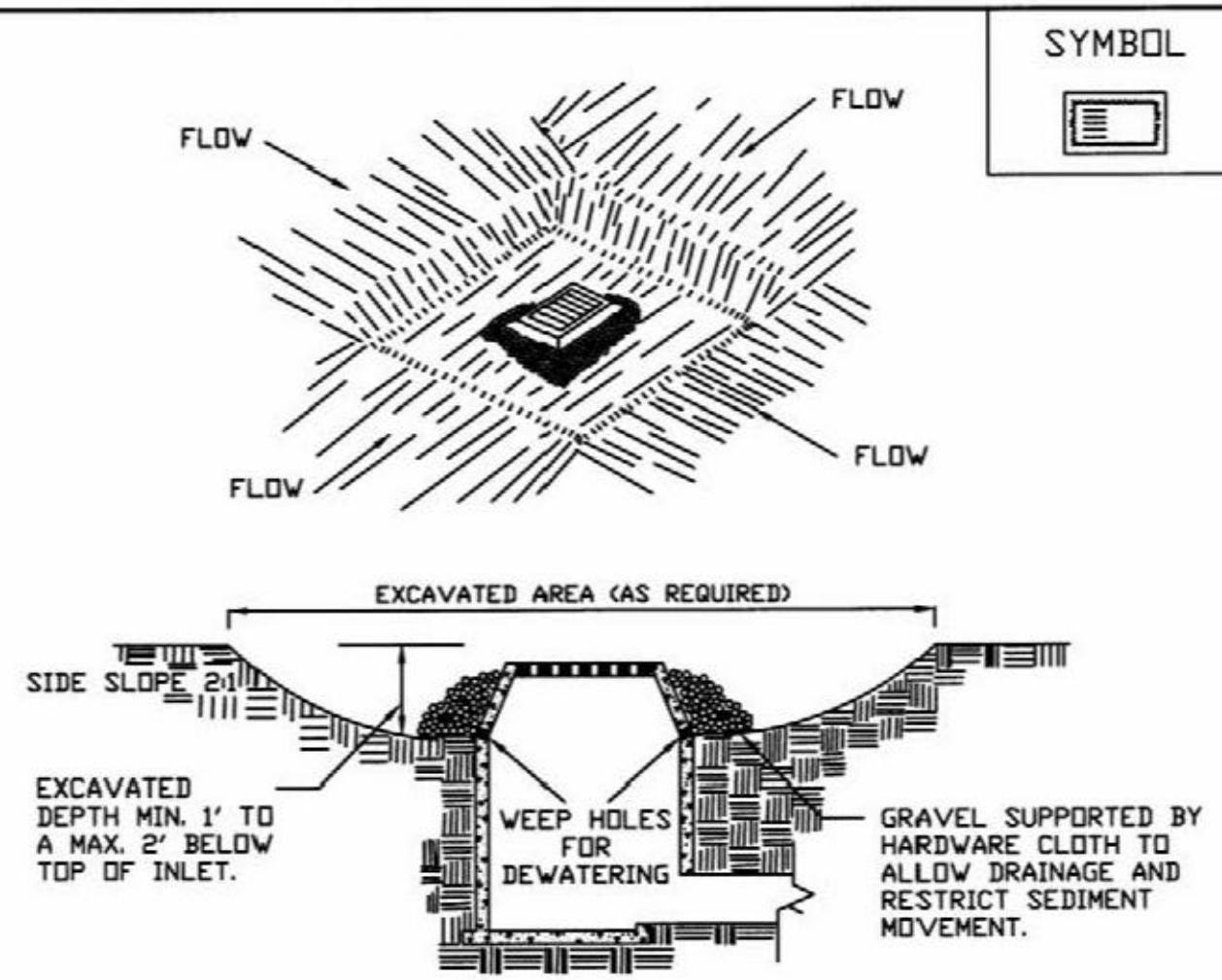
SCALE: 1" = 20' PROJECT ID: T-17779

TITLE:  
**EROSION AND SEDIMENT CONTROL PLAN**

DRAWING:

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**Figure 5A.11**  
Excavated Drop Inlet Protection



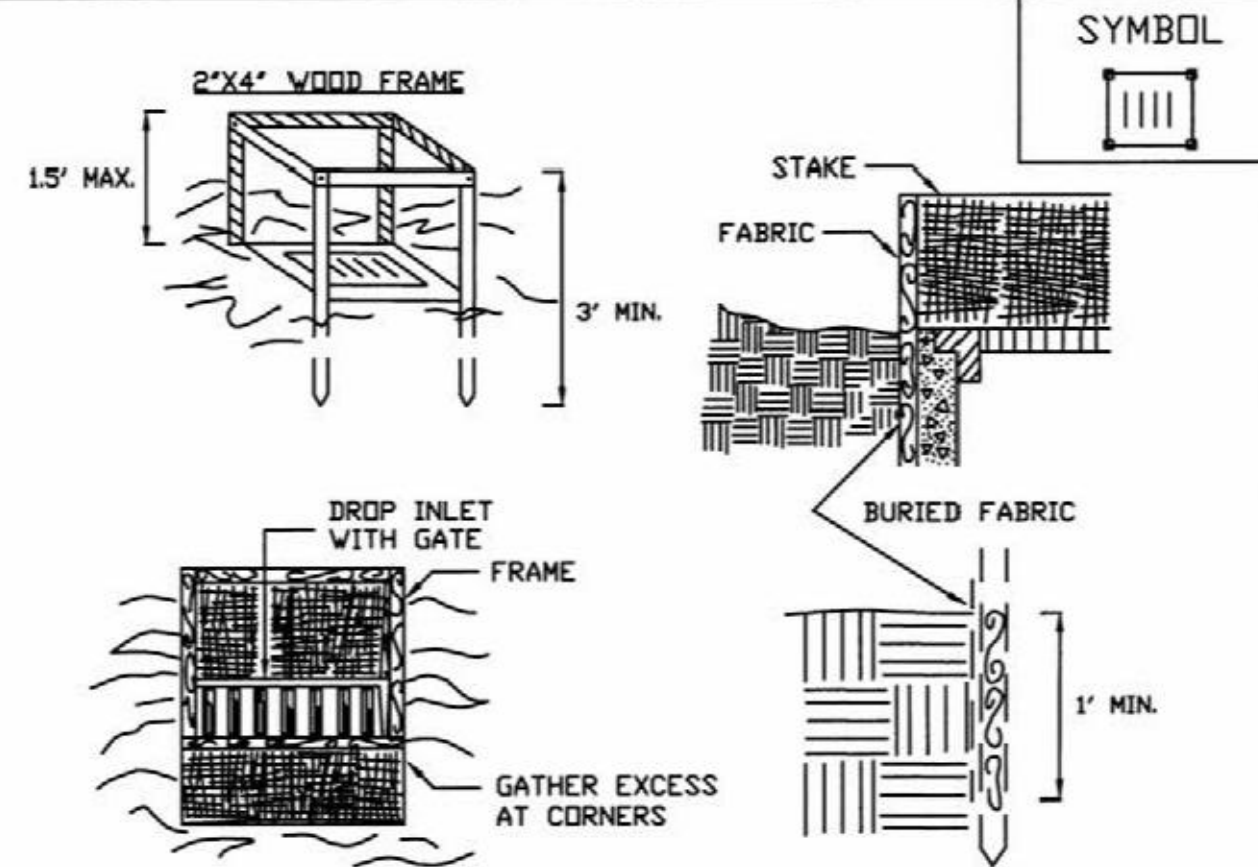
**CONSTRUCTION SPECIFICATIONS**

- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
  - GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
  - WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
  - UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
- MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

**EXCAVATED DROP INLET PROTECTION**

**Figure 5A.12**  
Filter Fabric Drop Inlet Protection



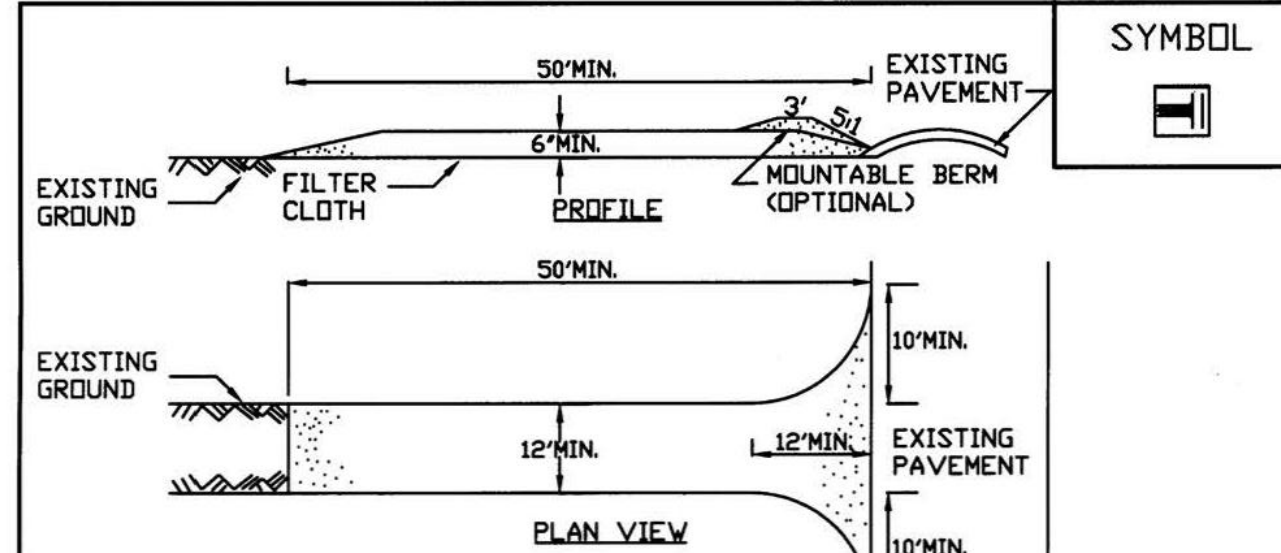
**CONSTRUCTION SPECIFICATIONS**

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
  - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
  - STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
  - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
  - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
  - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

**FILTER FABRIC DROP INLET PROTECTION**

**Figure 5A.35**  
Stabilized Construction Entrance



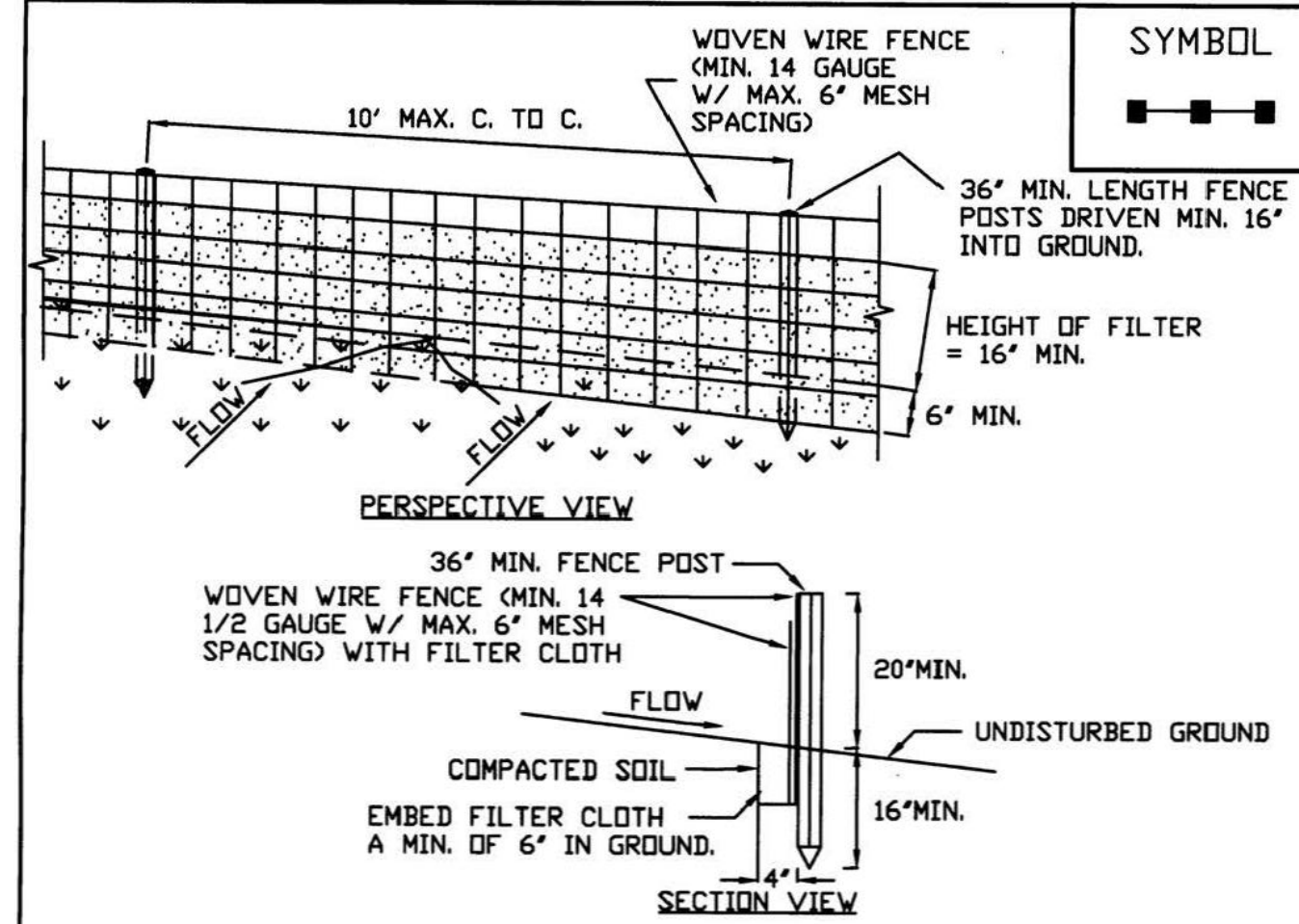
**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

**STABILIZED CONSTRUCTION ENTRANCE**

**Figure 5A.8**  
Silt Fence



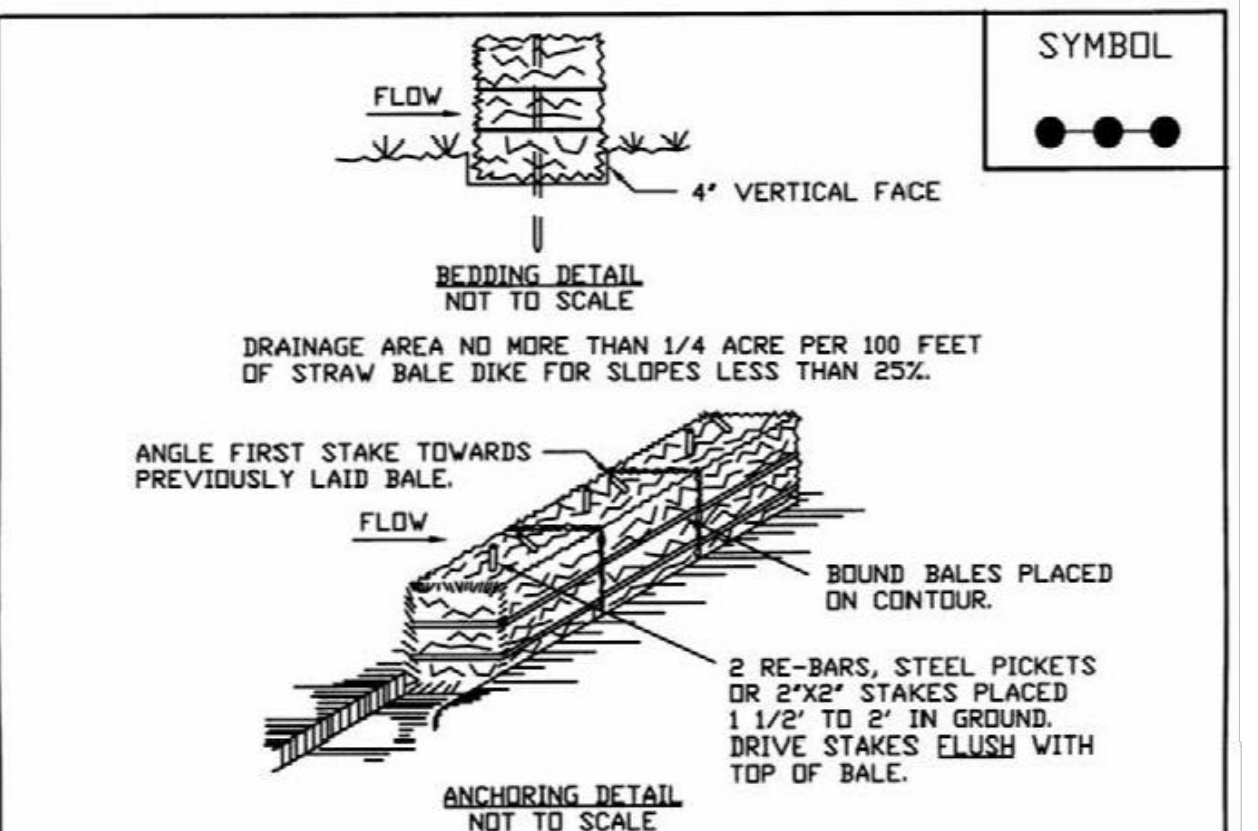
**CONSTRUCTION SPECIFICATIONS**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

**SILT FENCE**

**Figure 5A.7**  
Straw Bale Dike

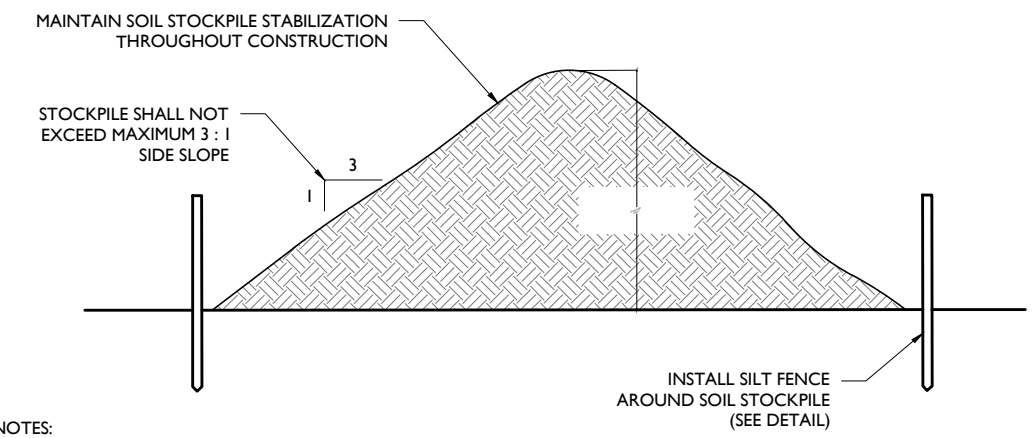


**CONSTRUCTION SPECIFICATIONS**

- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
- INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

**STRAW BALE DIKE**



**SOIL STOCKPILE DETAIL**

- NOTES:
- STOCKPILES SHALL BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE.
  - STOCKPILES SHALL BE STABILIZED IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT OR TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION, AS APPROPRIATE (SEE SOIL EROSION NOTES).

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SCALE: AS SHOWN PROJECT ID: T-17779

TITLE:  
**EROSION AND SEDIMENT CONTROL DETAILS**

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**C-10**

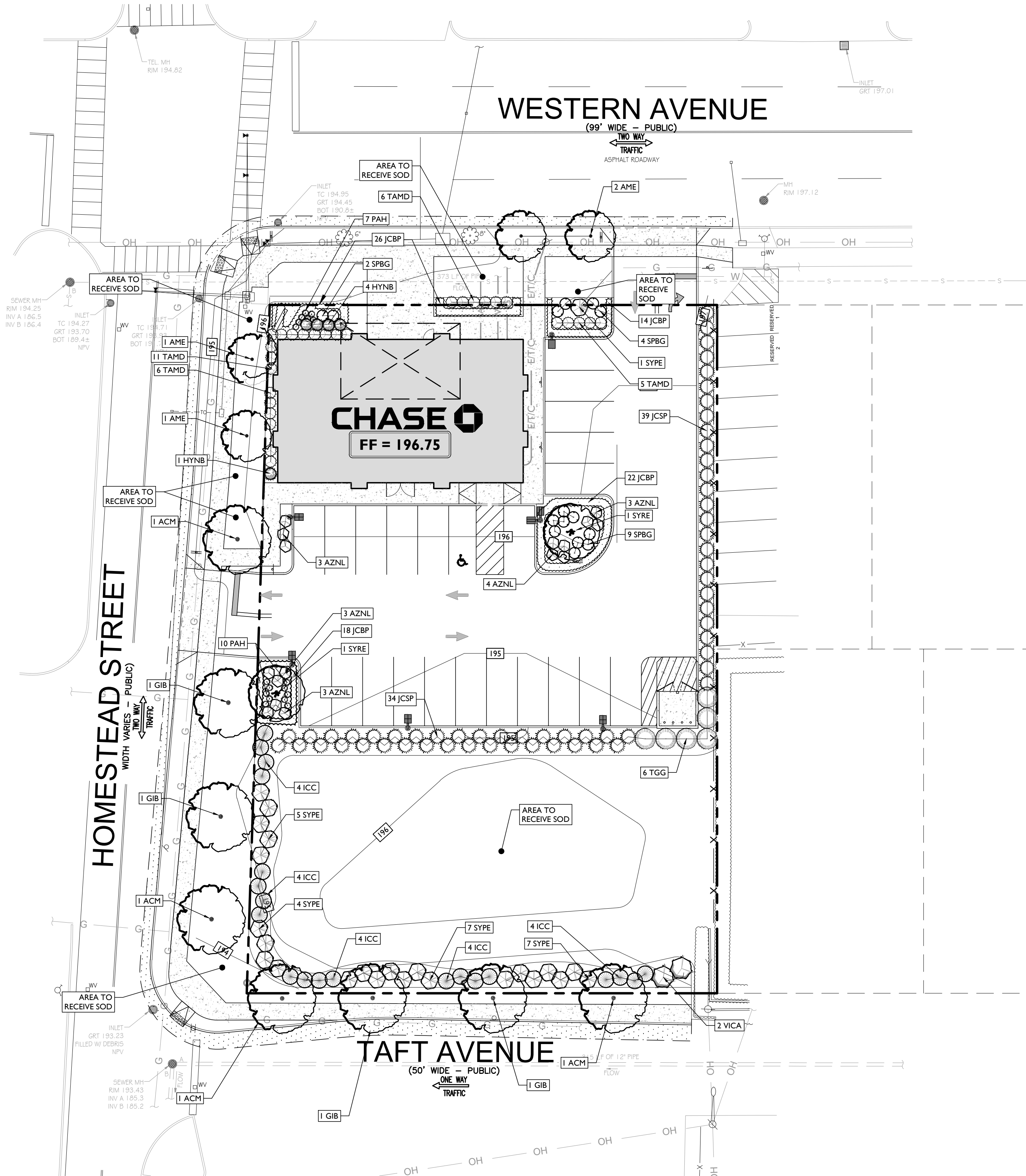
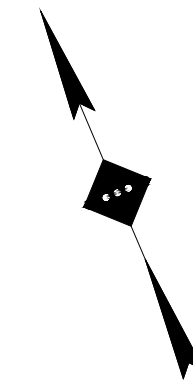
PROJECT: 17779 TPO ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE, ALBANY - NY 12206-0001 (09.18.19) 03.00.DWG

**LANDSCAPING NOTES**

- THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AND LANDSCAPED AREAS TO MATCH EXISTING CONDITIONS UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED LAWN AREAS WITH A MINIMUM 4 INCH LAYER OF TOPSOIL AND SEED.
- THE CONTRACTOR SHALL RESTORE MULCH AREAS WITH A MINIMUM 3 INCH LAYER OF MULCH.
- THE MAXIMUM SLOPE ALLOWABLE IN LANDSCAPE RESTORATION AREAS SHALL BE 3 FEET HORIZONTAL TO 1 FOOT VERTICAL (3:1 SLOPE) UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
- THE CONTRACTOR IS REQUIRED TO LOCATE ALL SPRINKLER HEADS IN AREA OF LANDSCAPING DISTURBANCE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL RELOCATE SPRINKLER HEADS AND LINES IN ACCORDANCE WITH OWNER'S DIRECTION WITHIN AREAS OF DISTURBANCE.
- THE CONTRACTOR SHALL ENSURE THAT ALL DISTURBED LANDSCAPED AREAS ARE GRADED TO MEET FLUSH AT THE ELEVATION OF WALKWAYS AND TOP OF CURB ELEVATIONS EXCEPT UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET. NO ABRUPT CHANGES IN GRADE ARE PERMITTED IN DISTURBED LANDSCAPING AREAS.

**IRRIGATION NOTE**

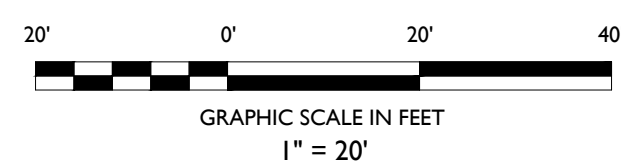
IRRIGATION CONTRACTOR TO PROVIDE A DESIGN FOR AN IRRIGATION SYSTEM SEPARATING PLANTING BEDS FROM LAWN AREA. PRIOR TO CONSTRUCTION, DESIGN IS TO BE SUBMITTED TO THE PROJECT LANDSCAPE DESIGNER FOR REVIEW AND APPROVAL. WHERE POSSIBLE, DRIP IRRIGATION AND OTHER WATER CONSERVATION TECHNIQUES SUCH AS RAIN SENSORS SHALL BE IMPLEMENTED. CONTRACTOR TO VERIFY MAXIMUM ON SITE DYNAMIC WATER PRESSURE AVAILABLE MEASURED IN PSI. PRESSURE REDUCING DEVICES OR BOOSTER PUMPS SHALL BE PROVIDED TO MEET SYSTEM PRESSURE REQUIREMENTS. DESIGN TO SHOW ALL VALVES, PIPING, HEADS, BACKFLOW PREVENTION, METERS, CONTROLLERS, AND SLEEVES WITHIN HARDSCAPE AREAS.



PLANT SCHEDULE					
PLANT KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>DECIDUOUS TREES</b>					
AME	4	AMELANCHIER CANADENSIS	SERVICEBERRY	7' - 8' HT	SINGLE STEM/B&B
ACM	4	ACER CAMPESTRE	HEDGE MAPLE	2" - 2.5" CALIPER	B&B
GIB	4	GINKO BILOBA	GINKO	2" - 2.5" CALIPER	B&B
SYRE	2	SYRINGA RETICULATA	JAPANESE TREE LILAC	2" - 2.5" CALIPER	TREE FORM, B&B
<b>EVERGREEN TREES</b>					
TGG	6	THUJA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	7' - 8' HT	B&B
<b>EVERGREEN SHRUBS</b>					
ICC	20	ILEX CRENATA 'COMPACTA'	COMPACT JAPANESE HOLLY	24" - 30"	B&B
JCSP	39	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	3' - 4' HT	5 GAL
TAMD	28	TAXUS X MEDIA 'DENSIFORMIS'	SPREADING YEW	24" - 30"	B&B
<b>DECIDUOUS SHRUBS</b>					
AZNL	13	AZALEA 'NORTHERN LIGHTS'	NORTHERN LIGHTS AZALEA	24" - 30"	5 GAL
HYNB	5	HYDRANGEA MACROPHYLLA 'NIKKO BLUE'	NIKKO BLUE HYDRANGEA	24" - 30"	5 GAL
SPBG	15	SPIREA BUMALDA 'GOLDFLAME'	GOLD FLAME SPIREA	24" - 30"	5 GAL
SYPE	24	SYRINGA X 'PENDA'	BLOOMERANG DWARF LILAC	24" - 30"	5 GAL
VICA	2	VIBURNUM CARLESII 'CAYUGA'	CAYUGA KOREAN SPICE VIBURNUM	24" - 30"	5 GAL
<b>GROUND COVERS</b>					
JCBP	114	JUNIPERUS CONFERTA 'BLUE PACIFIC'	SHORE JUNIPER	18" x 24"	CONT. 3' O.C.
<b>GRASSES</b>					
PAH	17	PENNISETUM ALOPECUROIDES 'HAMELY'	DWARF FOUNTAIN GRASS	1 GAL	CONT. 18" O.C.

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN ON THE LANDSCAPE PLAN AND WITHIN THE PLANT LIST, THE PLAN SHALL DICTATE.

LANDSCAPING AND BUFFER REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 375-4.(f)(A)(iv) REQUIRED PLANT MATERIAL	IN ALL AREAS WHERE LANDSCAPING IS REQUIRED, A MINIMUM OF 80 PERCENT OF THE SURFACE AREA SHALL BE COVERED BY LIVING MATERIALS, RATHER THAN MULCH, BARK, GRAVEL, OR OTHER NON-LIVING MATERIAL.	COMPLIES
§ 375-4.(f)(3)(c) MINIMUM PLANT SIZE AT INSTALL	LARGE DECIDUOUS SHADE TREE: 2" MIN CALIPER MEDIUM DECIDUOUS SHADE TREE: 2" MIN CALIPER ORNAMENTAL TREE: 4" HT CONIFERS: 6" HT SHRUBS: 5 GAL CONTAINER GROUND COVER PLANTS: 50% SURFACE COVERAGE	COMPLIES
§ 375-4.(f)(3)(e) VEGETATIVE COVERAGE	LANDSCAPING, SCREENING, AND/OR BUFFERING ACHIEVES AT LEAST THE EQUIVALENT OF 30 PERCENT LOT COVERAGE BY VEGETATED MATERIAL TO THE GREATEST DEGREE PRACTICABLE.	47% (12,626 SF)
§ 375-4.(f)(4)(a) STREET TREES	AT LEAST ONE SHADE TREE SHALL BE PLANTED PER 35 LINEAR FEET OF STREET FRONTAGE. REQUIRED TREES SHALL BE PLANTED WITH 35 FOOT ON-CENTER SPACING TO THE MAXIMUM DEGREE PRACTICABLE.	6 TREES PROPOSED WESTERN AVE 127 LF/35= 3.62 TREES TAFT AVE 138 LF/35= 3.94 TREES
§ 375-4.(f)(6)(A)(iii) PARKING LOT LANDSCAPING	PARKING WITHIN 30 FEET OF FRONT LINE: A CONTINUOUS LINE OF SHRUBS THAT ACHIEVES 80 PERCENT OPAQUE SCREENING BETWEEN 30 AND 48 INCHES IN HEIGHT DURING SUMMER MONTHS.	COMPLIES
§ 375-4.(f)(6)(A)(i) PARKING LOT LANDSCAPING	AN AREA EQUAL TO AT LEAST SEVEN PERCENT OF THE SURFACE AREA OCCUPIED BY VEHICLE PARKING SPACES, INCLUSIVE OF DRIVING AISLES AND DRIVEWAYS NECESSARY FOR ACCESS TO AND CIRCULATION AMONG THOSE SPACES, SHALL BE LANDSCAPED. VEHICULAR AISLES AND PARKING SPACES: 14,392 SF LANDSCAPE BEDS REQUIRED 7%: 1,008 SF LANDSCAPING SHALL INCLUDE A MINIMUM OF ONE TREE ISLAND CONTAINING AT LEAST 80 SQUARE FEET OF LAND AREA. SHALL INCLUDE AT LEAST ONE MEDIUM SHADE TREE OR LARGER FOR EVERY 20 PARKING SPACES TOTAL PARKING SPACES: 23 SPOTS; 2 TREES	LANDSCAPE BEDS PROPOSED: 4,781 SF= 33.22% COMPLIES 2 MEDIUM SHADE TREES
§ 375-4.(f)(6)(A)(iii) PARKING LOT LANDSCAPING	MULCH SHALL NOT BE INSTALLED ADJACENT TO ANY SIDEWALK, PARKING AREA, OR DRIVEWAY WITH LESS THAN A ONE FOOT BORDER OF GRASS OR OTHER PERMANENT LIVE GROUND COVER TO ENSURE MULCH IS NOT WASHED INTO THE DRAINAGE SYSTEM.	COMPLIES
§ 375-4.(f)(6)(B)(iii)(c) PARKING LOT LANDSCAPING	WHERE A PARKING AREA OR LOT (EXCLUDING DRIVEWAYS) IN A MIXED-USE ZONING DISTRICT IS LOCATED WITHIN 30 FEET OF A FRONT LOT LINE, AND IS NOT SEPARATED FROM THE FRONT LOT LINE BY A PRINCIPAL OR ACCESSORY STRUCTURE, THE PARKING AREA OR LOT SHALL BE SCREENED FROM THE STREET BY ONE OR BOTH OF THE FOLLOWING, LOCATED WITHIN FIVE FEET OF THE FRONT LOT LINE: C. A CONTINUOUS LINE OF SHRUBS THAT ACHIEVES 80 PERCENT OPAQUE SCREENING BETWEEN 30 AND 48 INCHES IN HEIGHT DURING SUMMER MONTHS.	COMPLIES



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SITE PLAN

**CHASE**  
PROPOSED BANK

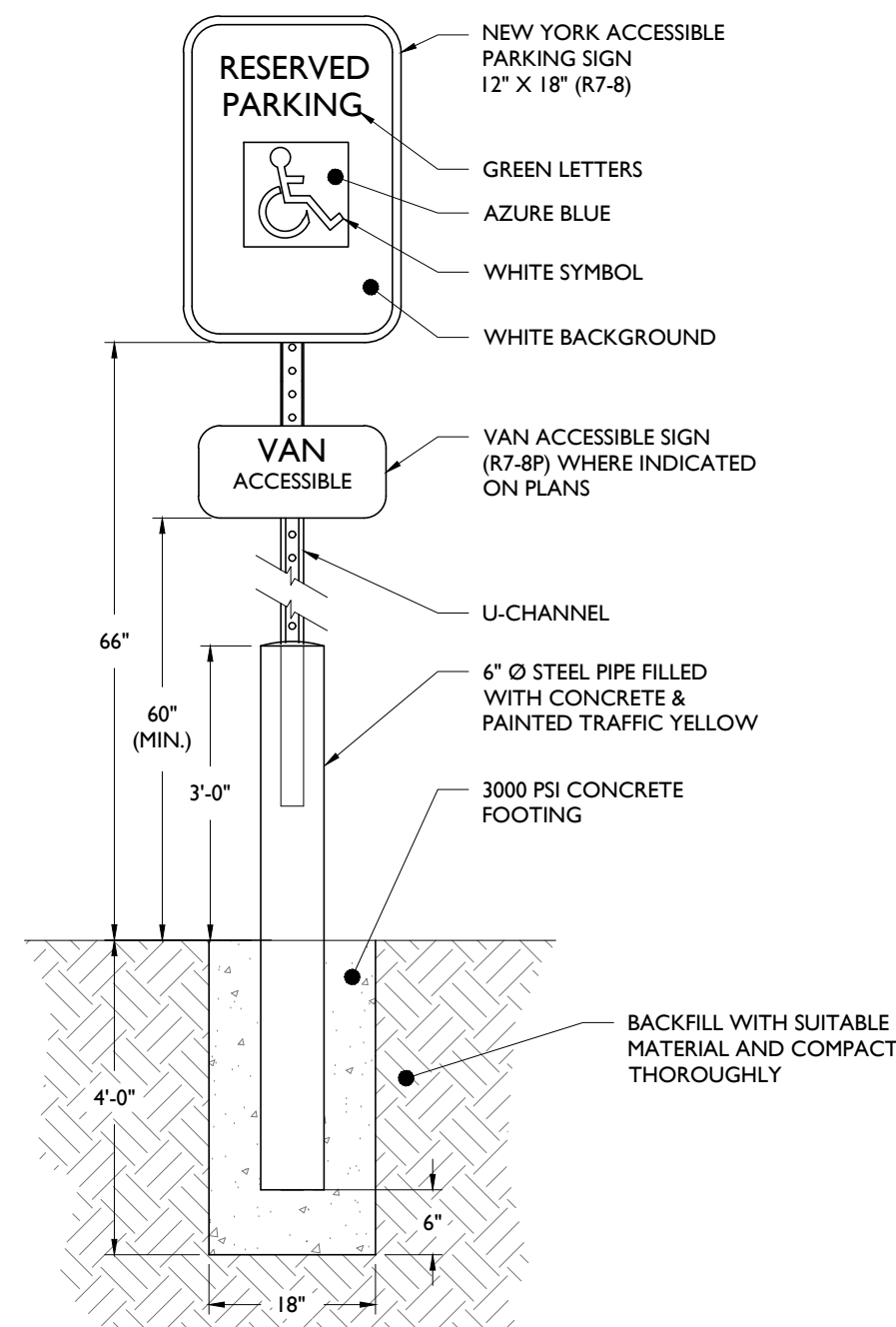
BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE NO. 099748  
LICENSED PROFESSIONAL ENGINEER

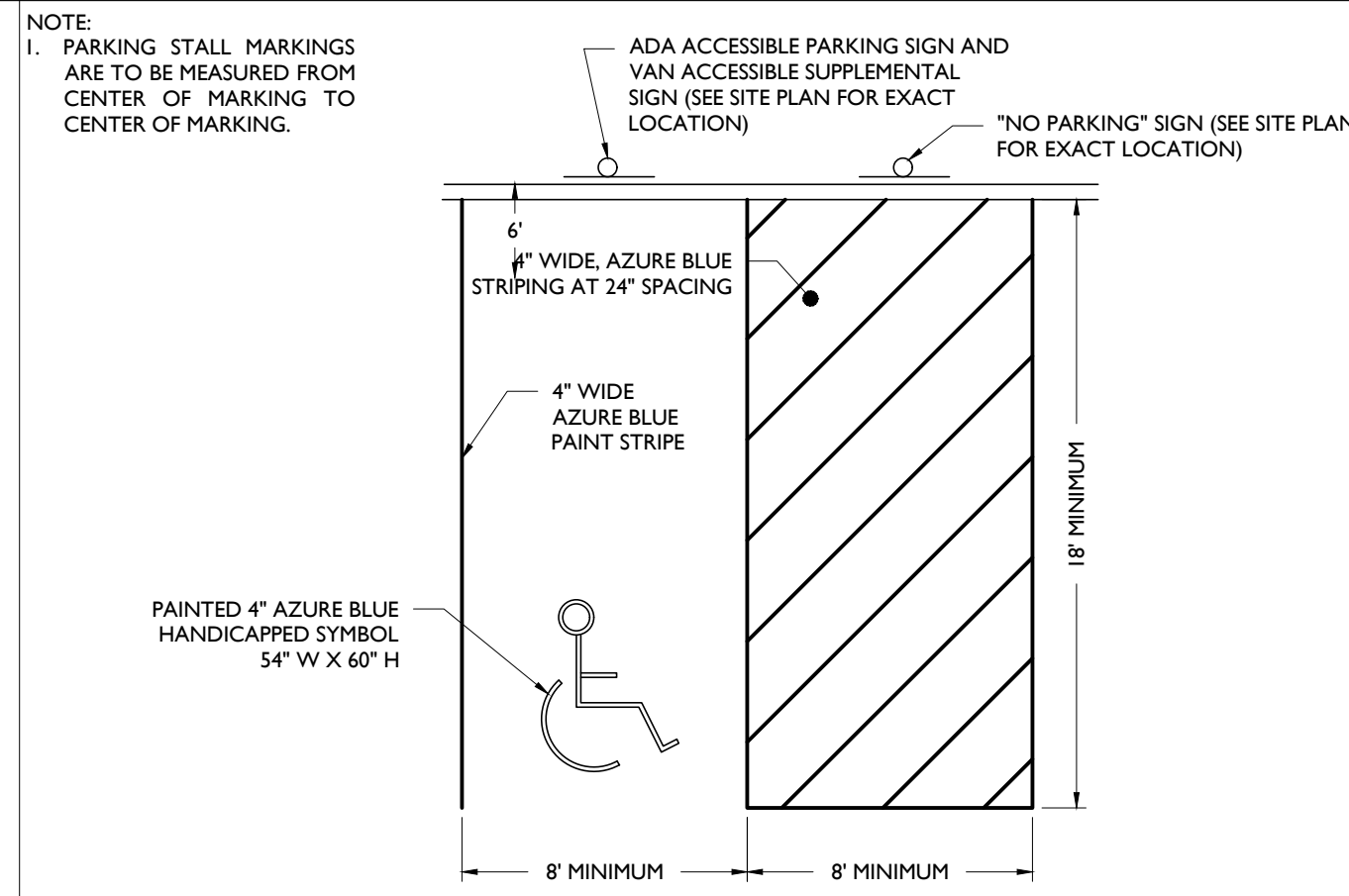
**STONEFIELD**  
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SCALE: 1" = 20' PROJECT ID: T-17779  
TITLE:  
**LANDSCAPING PLAN**  
DRAWING:  
**C-11**





**ACCESSIBLE PARKING SIGN WITH BOLLARD DETAIL**  
NOT TO SCALE

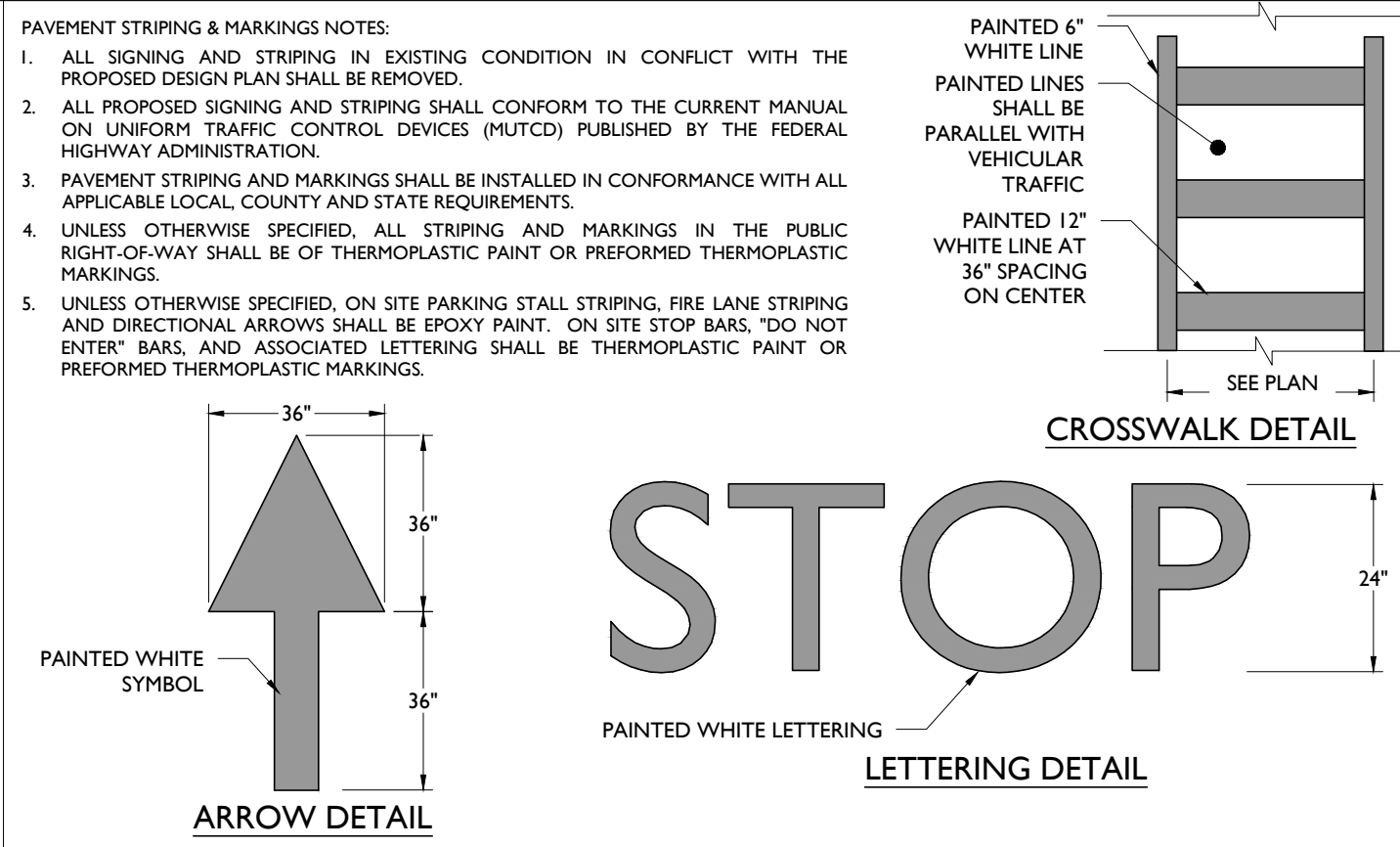


**ACCESSIBLE PARKING STALL MARKINGS**  
NOT TO SCALE

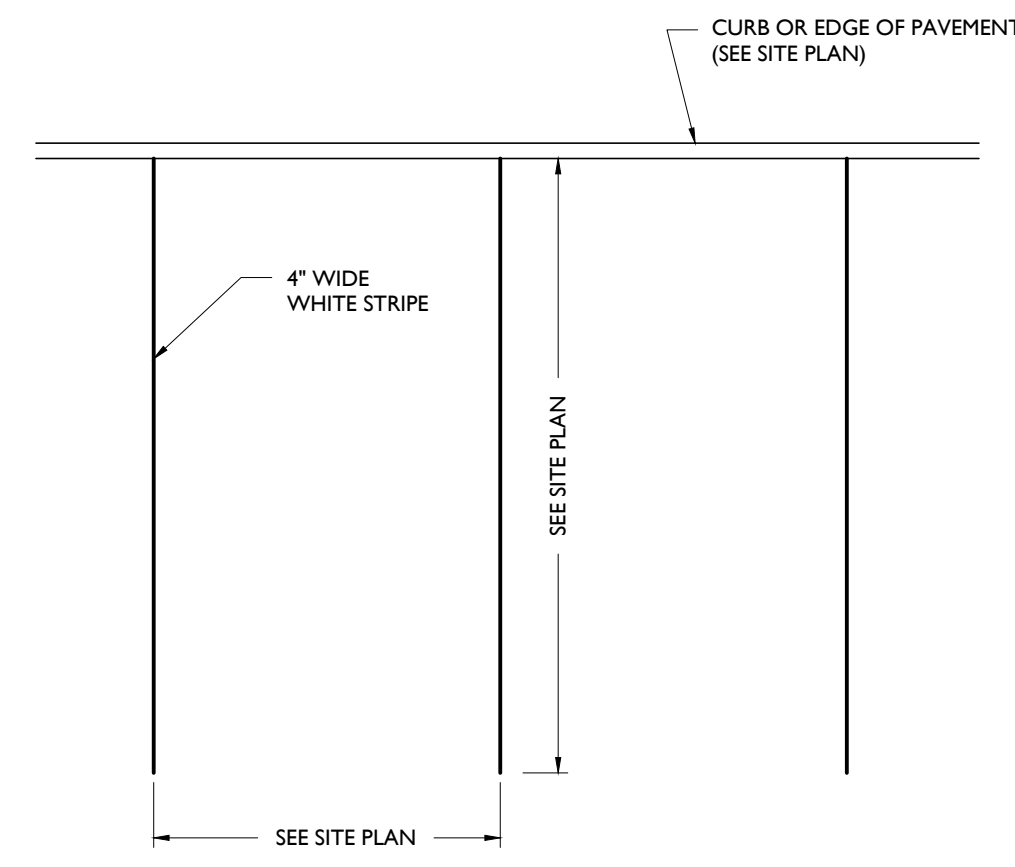
M.U.T.C.D. NUMBER	TEXT	COLOR		SIZE OF SIGN (WIDTH X HEIGHT)	TYPE OF MOUNT
		LEGEND	BACKGROUND		
STOP SIGN (R1-1)		RED	WHITE	36"x36"	GROUND
NO LEFT TURN (R3-2)		CIRCLE AND DIAGONAL: RED LEGEND: BLACK	WHITE	24"x24"	GROUND

- NOTE:  
1. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EXCEPT AS NOTED.  
2. ALL SIGNS SHALL BE MOUNTED AS TO NOT OBSTRUCT THE SHAPE OF "STOP" (R1-1) AND "YIELD" (R1-2) SIGNS.

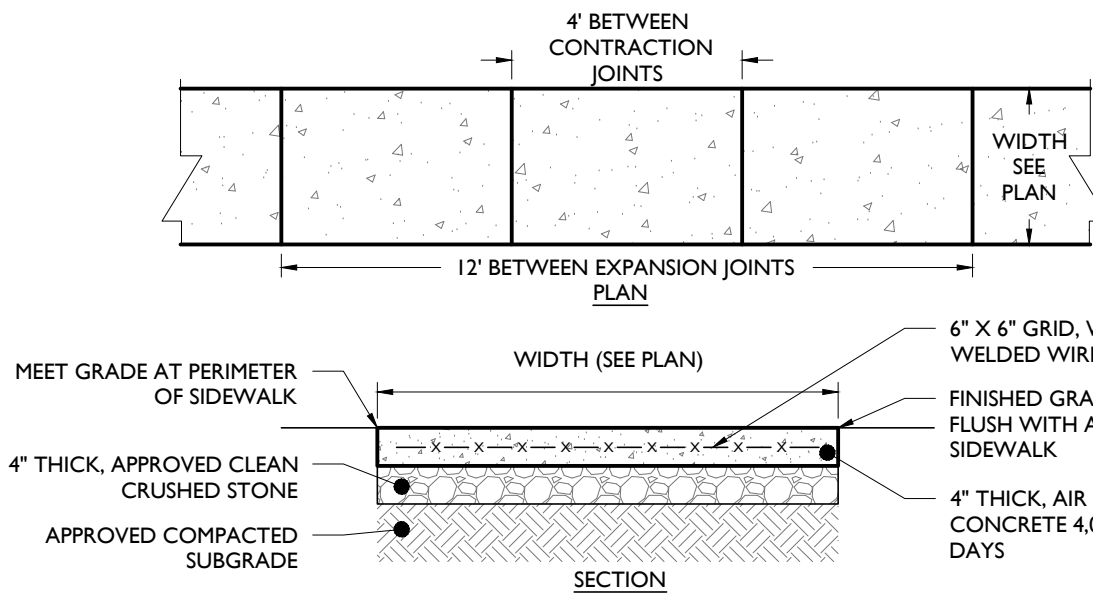
**SIGN DATA TABLE**  
NOT TO SCALE



**PAVEMENT STRIPING & MARKING NOTES AND DETAILS**  
NOT TO SCALE

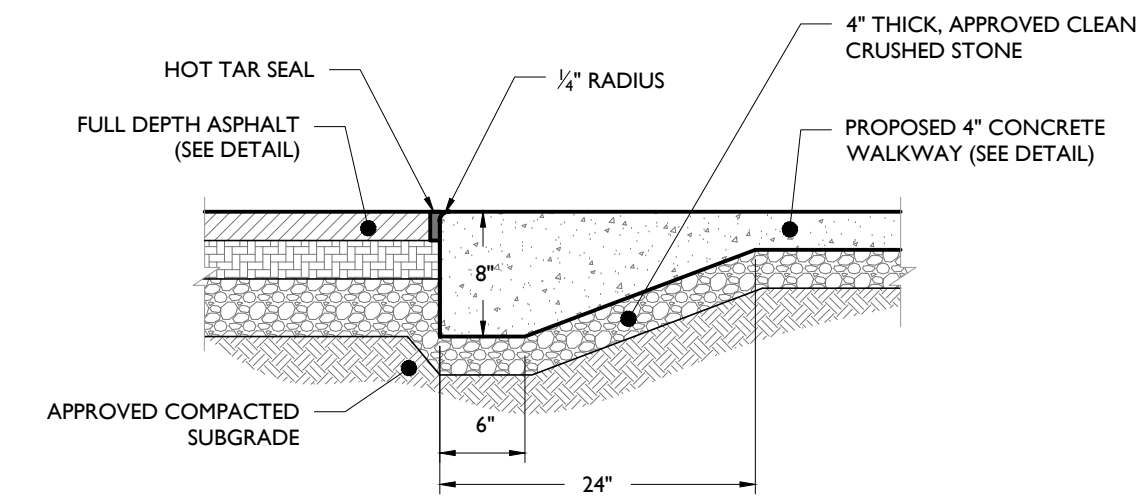


**PARKING STALL MARKINGS**  
NOT TO SCALE

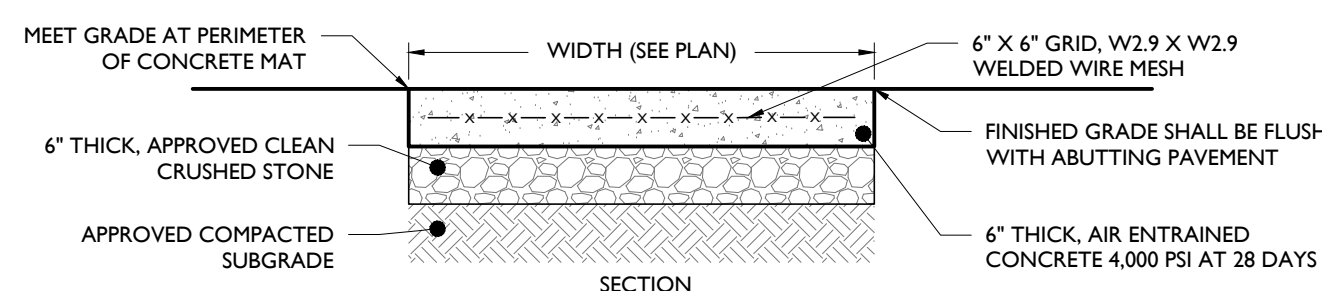


**REINFORCED CONCRETE WALKWAY DETAIL**  
NOT TO SCALE

- NOTES:  
1. MAXIMUM CROSS SLOPE SHALL BE 1/4" PER FOOT.  
2. 1/2" EXPANSION JOINTS SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED 1/2" FROM THE SURFACE.  
3. 1" DEEP BY 1/2" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT 4' INTERVALS.  
4. EXPANSION JOINT SHALL BE PROVIDED WHERE ADJACENT TO A BUILDING.

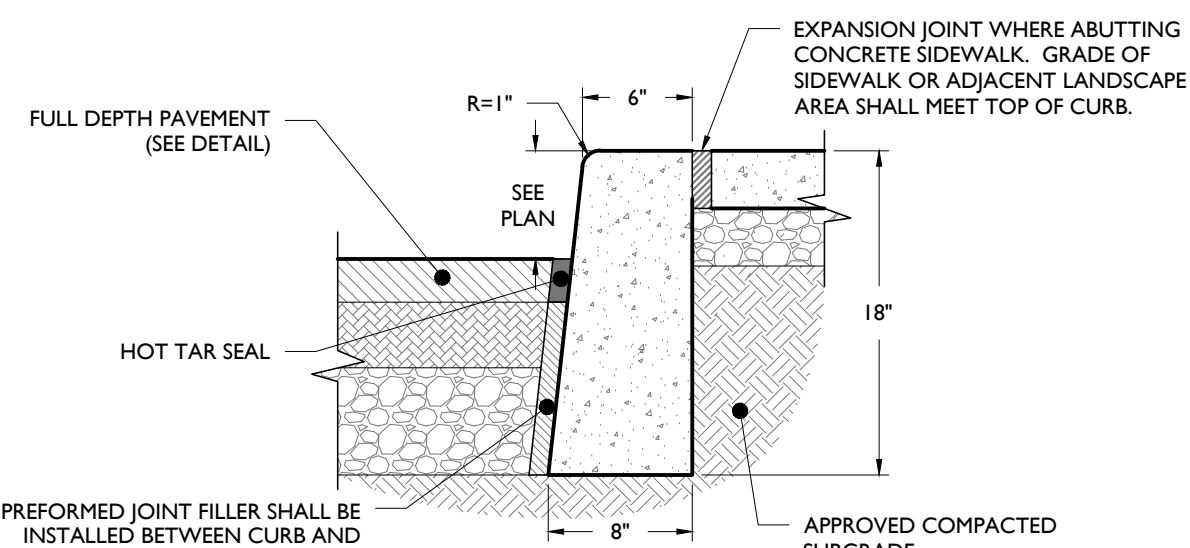


**CONCRETE WALKWAY TO ASPHALT TRANSITION DETAIL**  
NOT TO SCALE



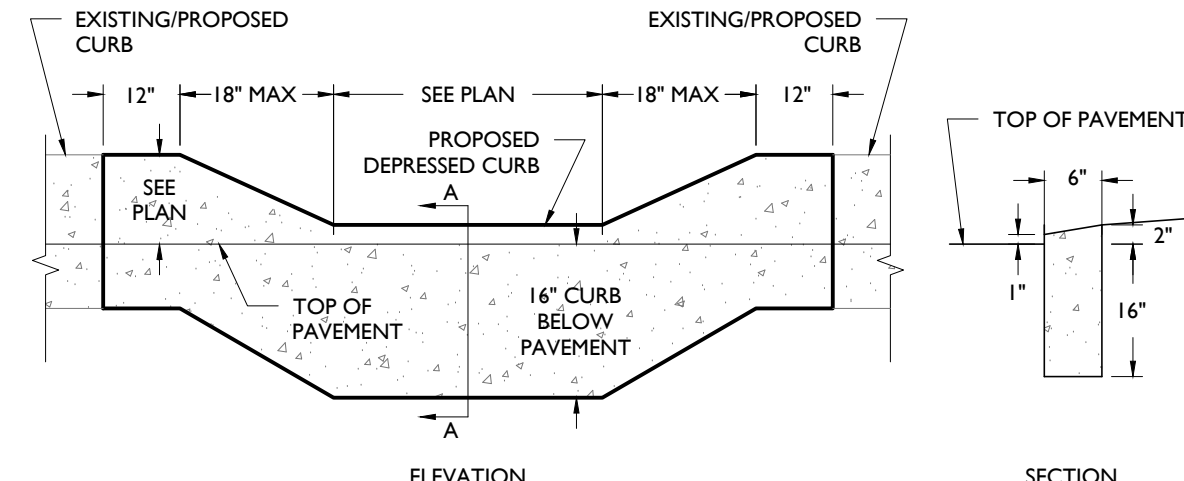
**REINFORCED 6" CONCRETE MAT**  
NOT TO SCALE

- NOTES:  
1. 1/2" EXPANSION JOINTS WITH WATER SEAL SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED 1/2" FROM THE SURFACE. LONGITUDINAL REBAR TO BE CUT AT EXPANSION JOINTS.  
2. 1" DEEP BY 1/2" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT MID-POINT BETWEEN EXPANSION JOINTS OR 6' INTERVALS MAX.  
3. CONCRETE SHALL RECEIVE BROOM FINISH.  
4. ALL EXPOSED CORNERS TO HAVE 12" CHAMFER.

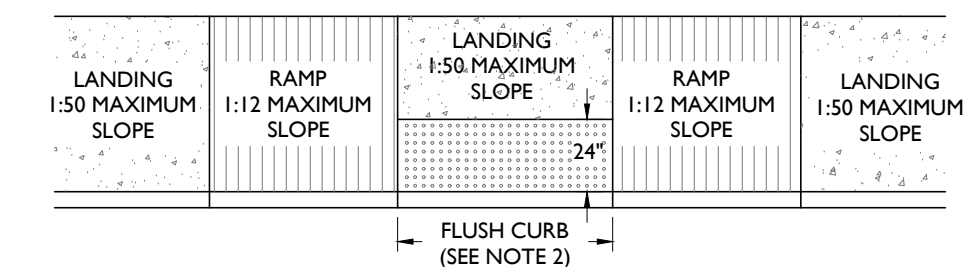


**CONCRETE CURB DETAIL**  
NOT TO SCALE

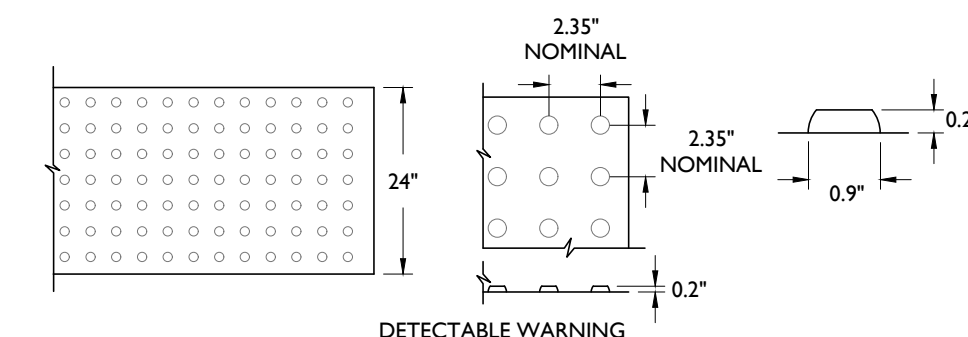
- NOTES:  
1. CONCRETE SHALL BE 3000 PSI AT 28 DAYS, AIR-ENTRAINED.  
2. TRANSVERSE EXPANSION JOINTS SHALL BE PROVIDED AT 20 FOOT INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED 1/2" FROM SURFACE.  
3. HALF DEPTH CONTRACTION JOINTS SHALL BE PROVIDED AT 10 FOOT INTERVALS.  
4. 18" CURB DEPTH SHALL BE MAINTAINED AT DEPRESSED OR FLUSH CURBED AREAS.



**DEPRESSED CURB DETAIL**  
NOT TO SCALE



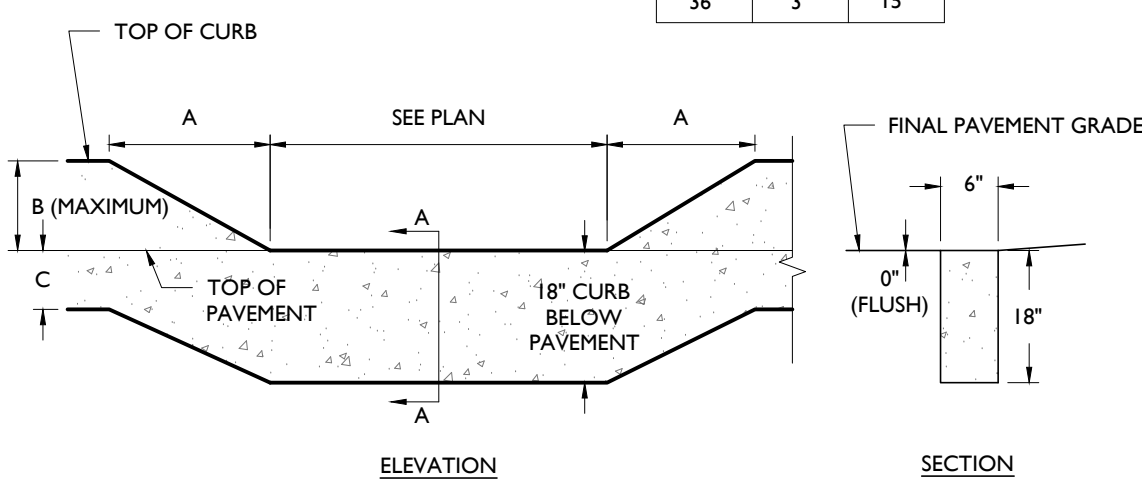
**TRANSITION RAMP WITH DETECTABLE WARNING**  
NOT TO SCALE



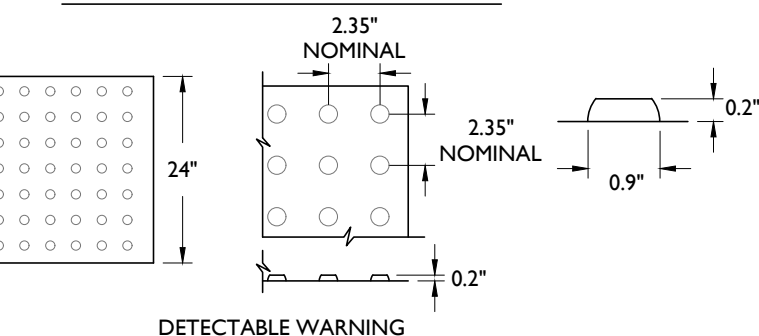
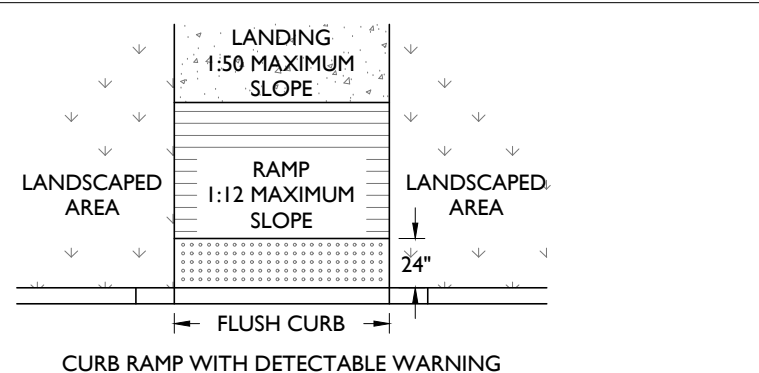
**TRANSITION RAMP DETAIL**  
NOT TO SCALE

- NOTES:  
1. CROSS SLOPE ON RAMP SHALL NOT EXCEED 2%.  
2. A FLUSH CURB SHALL HAVE A MINIMUM WIDTH OF 36". SEE PLAN FOR EXACT WIDTH.  
3. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.  
4. VISUAL CONTRAST: THERE SHALL BE A MINIMUM OF 70% CONTRAST IN LIGHT REFLECTANCE BETWEEN THE DETECTABLE WARNING AND AN ADJOINING SURFACE.  
5. DETECTABLE WARNING STRIP REQUIRED WHERE RAMP DIRECTS PEDESTRIAN TRAFFIC TOWARDS VEHICLE TRAVEL WAY. WARNING STRIP SHALL BE CAST-IN-PLACE.  
6. RAMP SHALL HAVE A MAXIMUM RISE OF 6" WITHOUT A HANDRAIL.

FLUSH CURB DIMENSIONS		
A	B	C
72"	6"	12"
60"	5"	13"
48"	4"	14"
36"	3"	15"



**FLUSH CURB DETAIL**  
NOT TO SCALE



**CURB RAMP DETAIL**  
NOT TO SCALE

- NOTES:  
1. CROSS SLOPE ON RAMP SHALL NOT EXCEED 2%.  
2. A FLUSH CURB SHALL HAVE A MINIMUM WIDTH OF 36". SEE PLAN FOR EXACT WIDTH.  
3. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.  
4. VISUAL CONTRAST: THERE SHALL BE A MINIMUM OF 70% CONTRAST IN LIGHT REFLECTANCE BETWEEN THE DETECTABLE WARNING AND AN ADJOINING SURFACE.  
5. DETECTABLE WARNING STRIP REQUIRED WHERE RAMP DIRECTS PEDESTRIAN TRAFFIC TOWARDS VEHICLE TRAVEL WAY. WARNING STRIP SHALL BE CAST-IN-PLACE.  
6. RAMP SHALL HAVE A MAXIMUM RISE OF 6" WITHOUT A HANDRAIL.

T:\2017\17779\_TPO\_ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE ALBANY, NY\DRAWING\DWG\11-15-2017.DWG

NO.	DATE	BY	DESCRIPTION
3	08/13/2019	JA	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	REVISED PER CITY COMMENTS
1	05/20/2019	PHN	ISSUED FOR SUBMISSION

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**CHASE**  
PROPOSED BANK

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

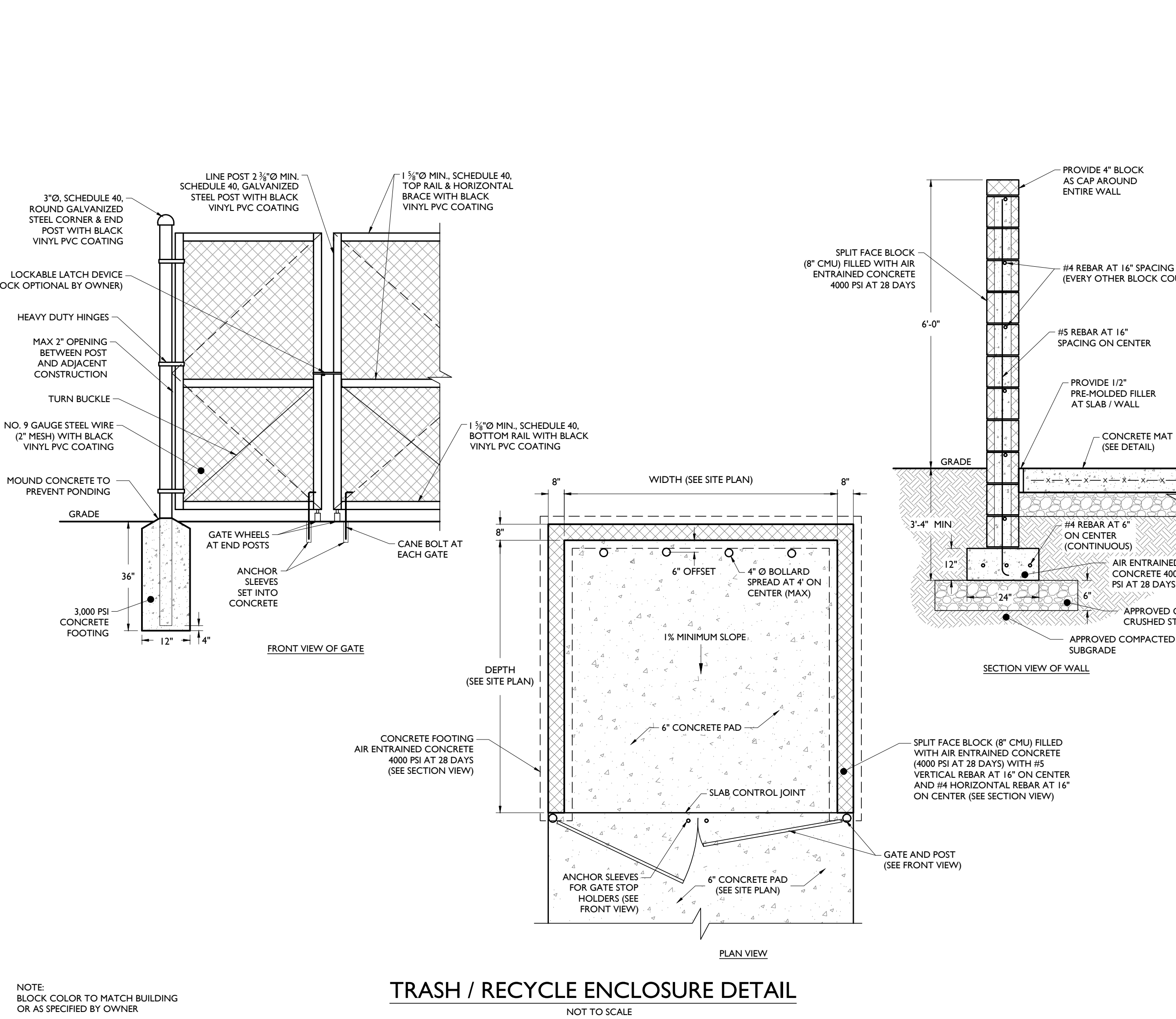
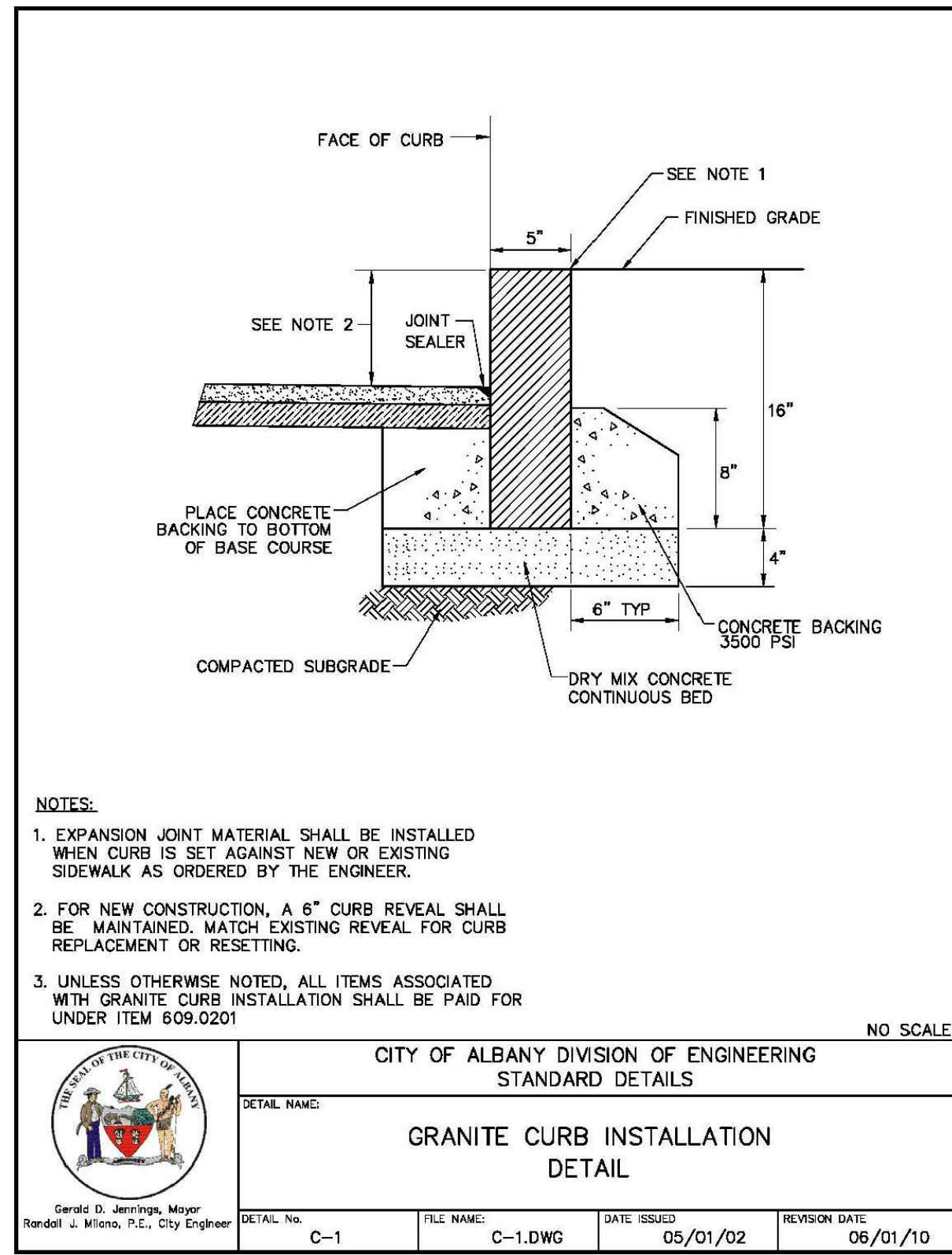
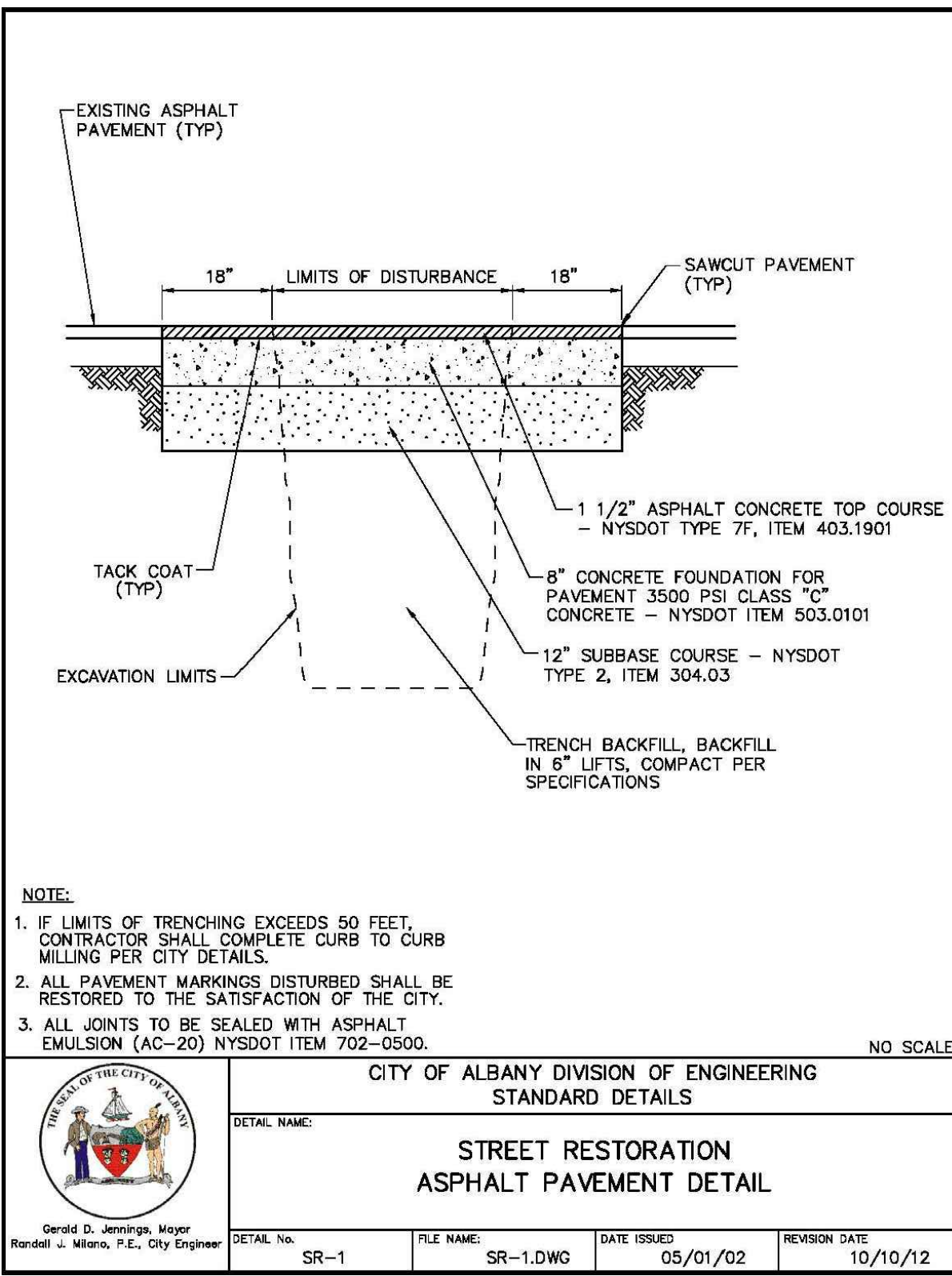
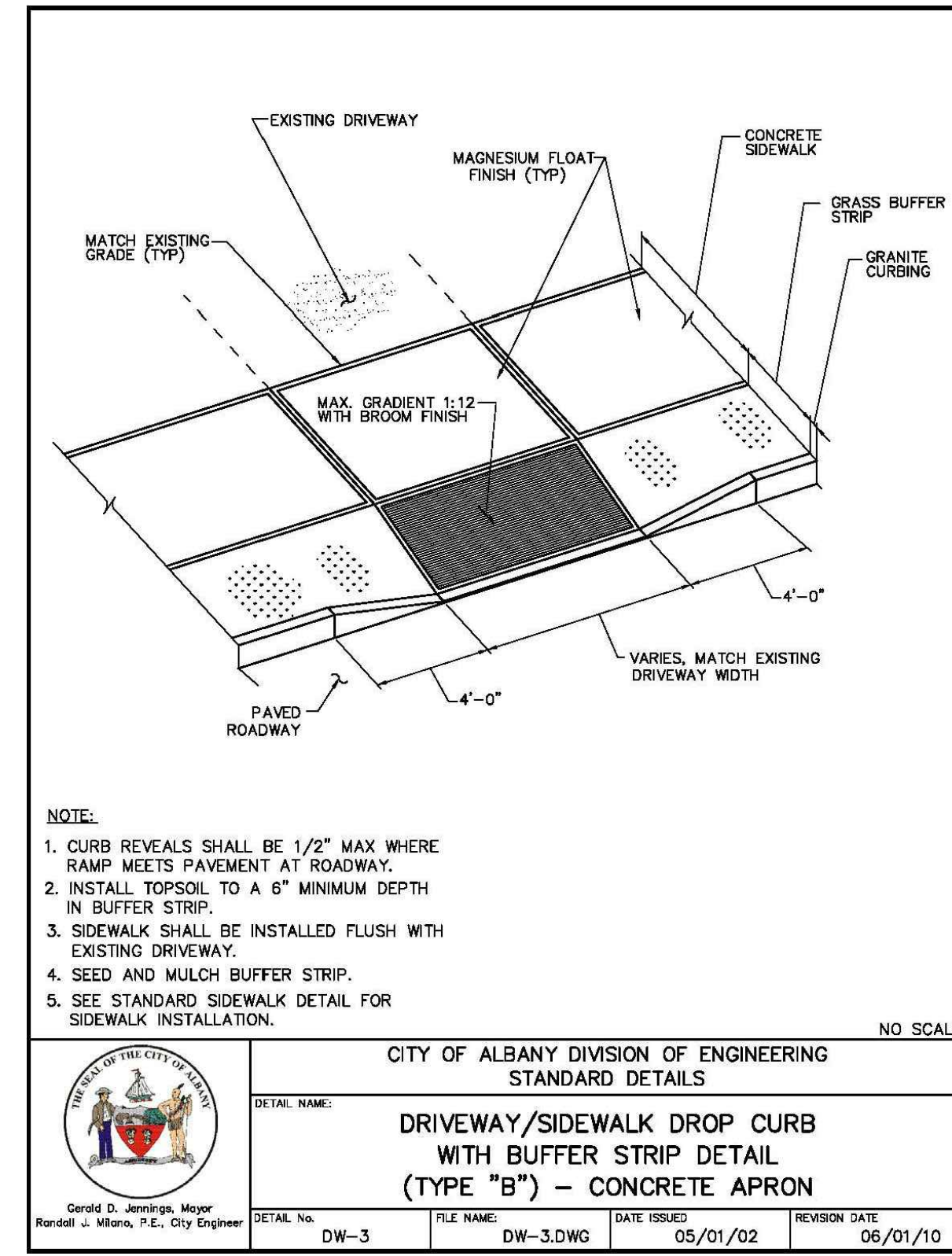
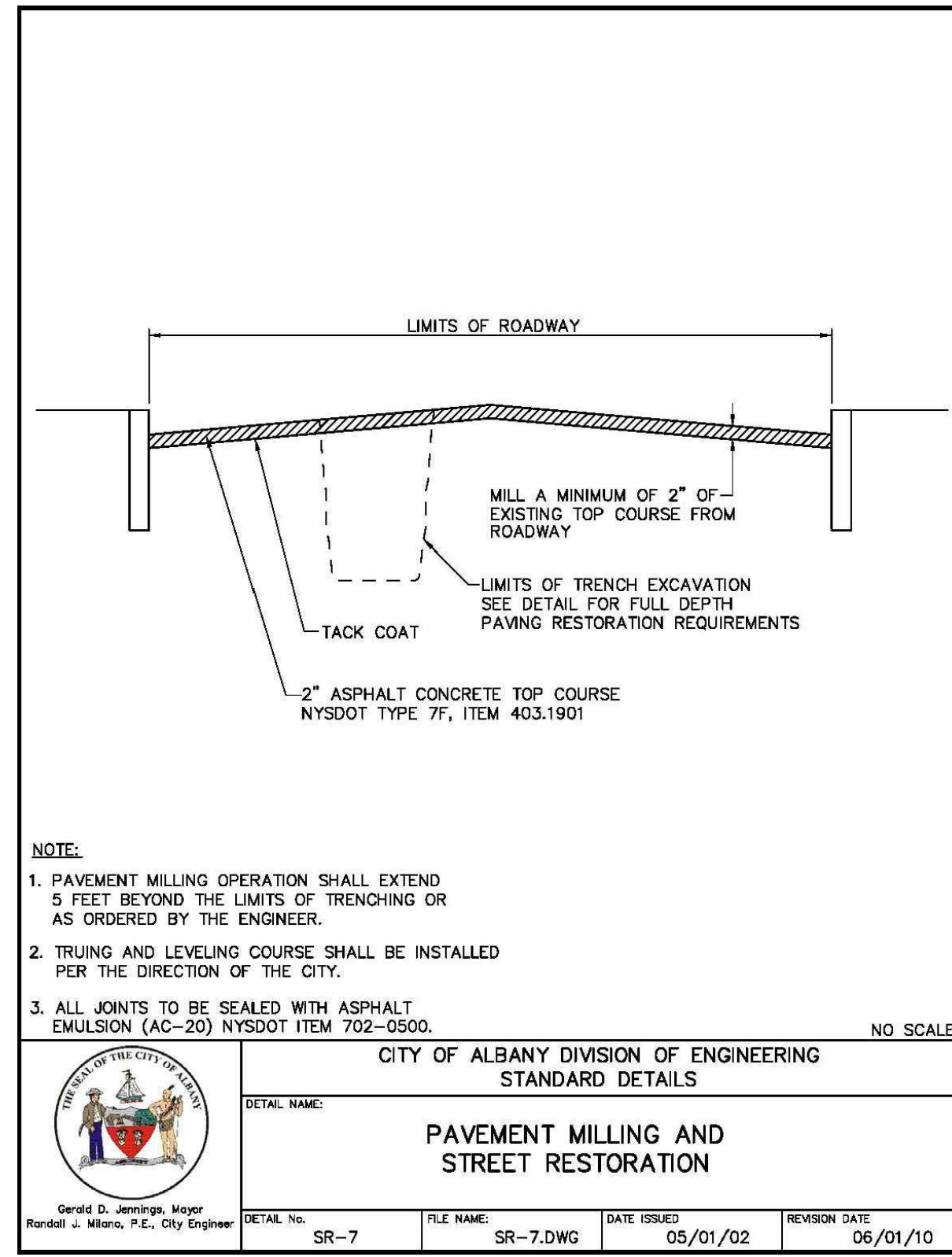
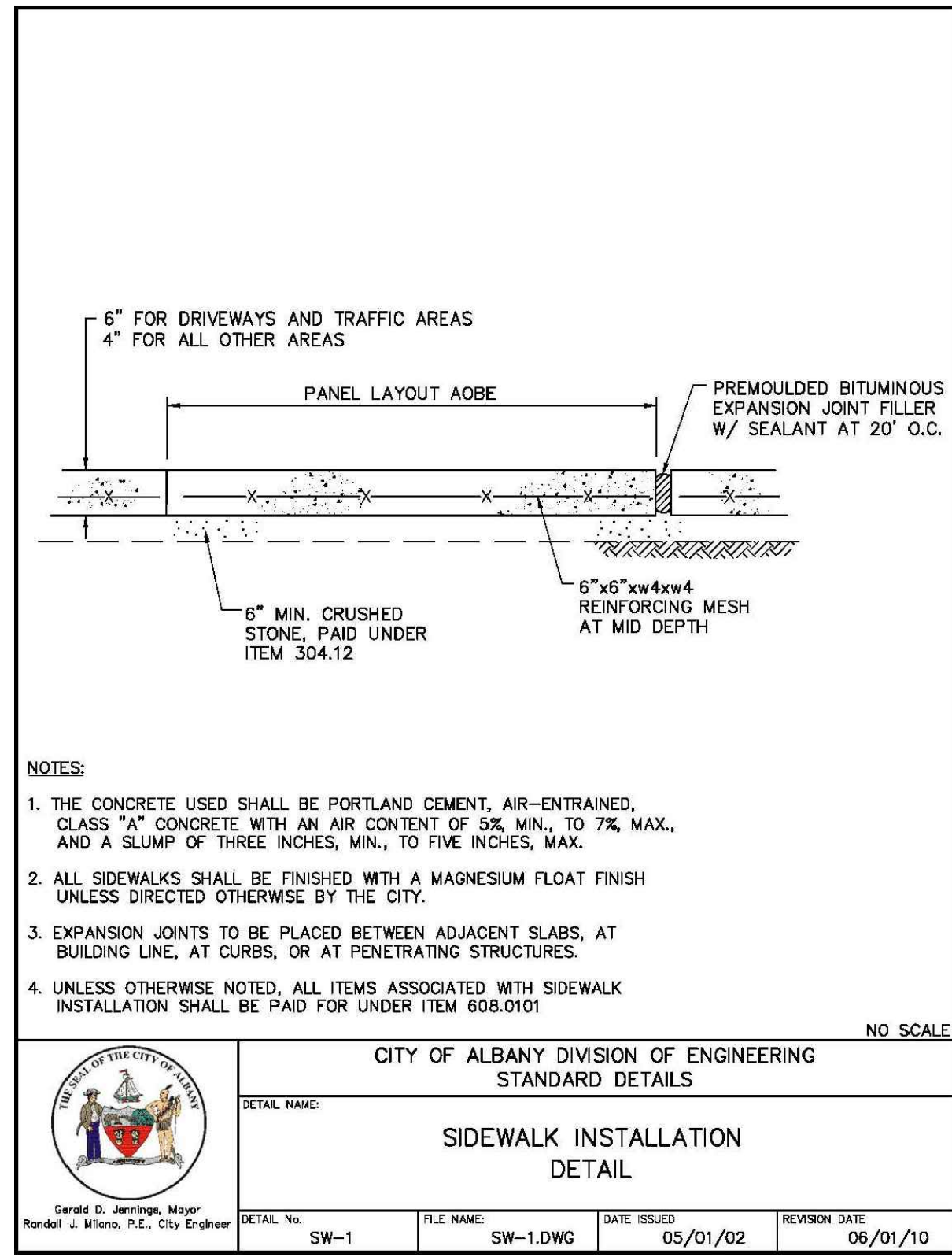
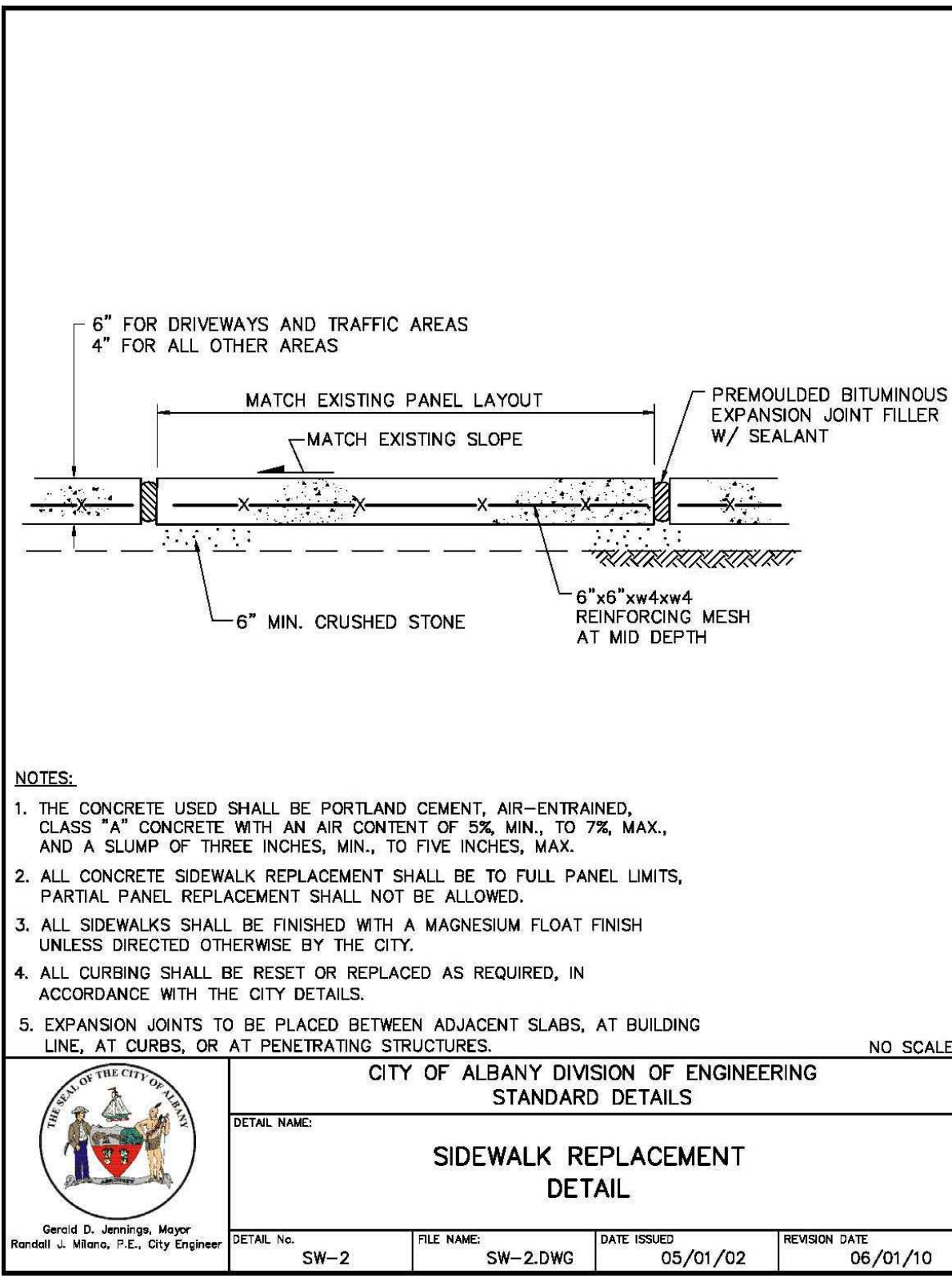
ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
LICENSED PROFESSIONAL ENGINEER

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TITLE:  
**CONSTRUCTION DETAILS**

DRAWING:  
**C-13**



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REVISED PER CITY COMMENTS	PHN	DATE	
ISSUED FOR SUBMISSION	PHN	ISSUE	
3	08/13/2019		
2	06/11/2019		
1	05/02/2019		

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**PROPOSED BANK**

**SITE PLAN**

BLOCK 2, LOT 38  
1 HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

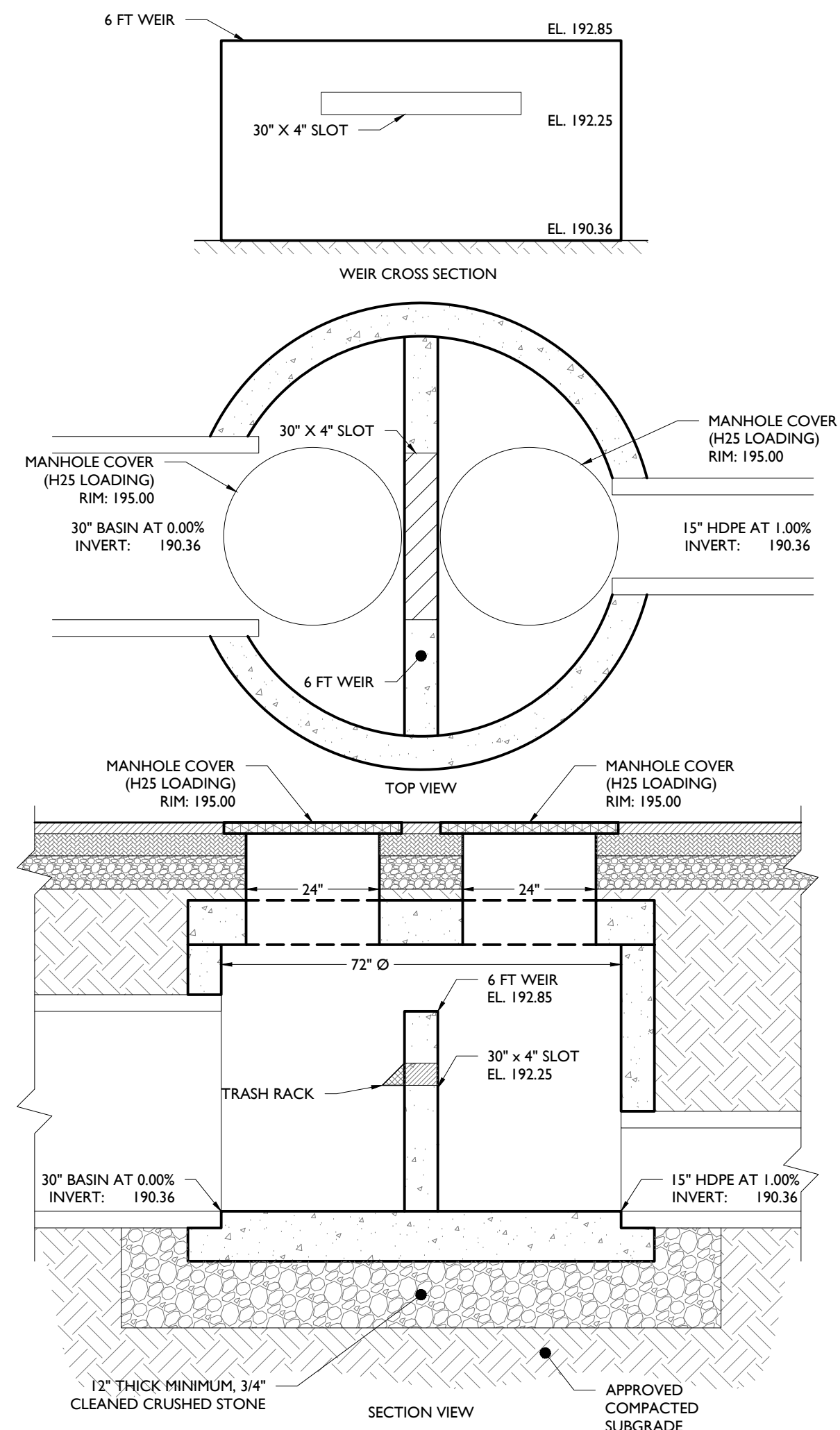
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SCALE: AS SHOWN PROJECT ID: T-17779

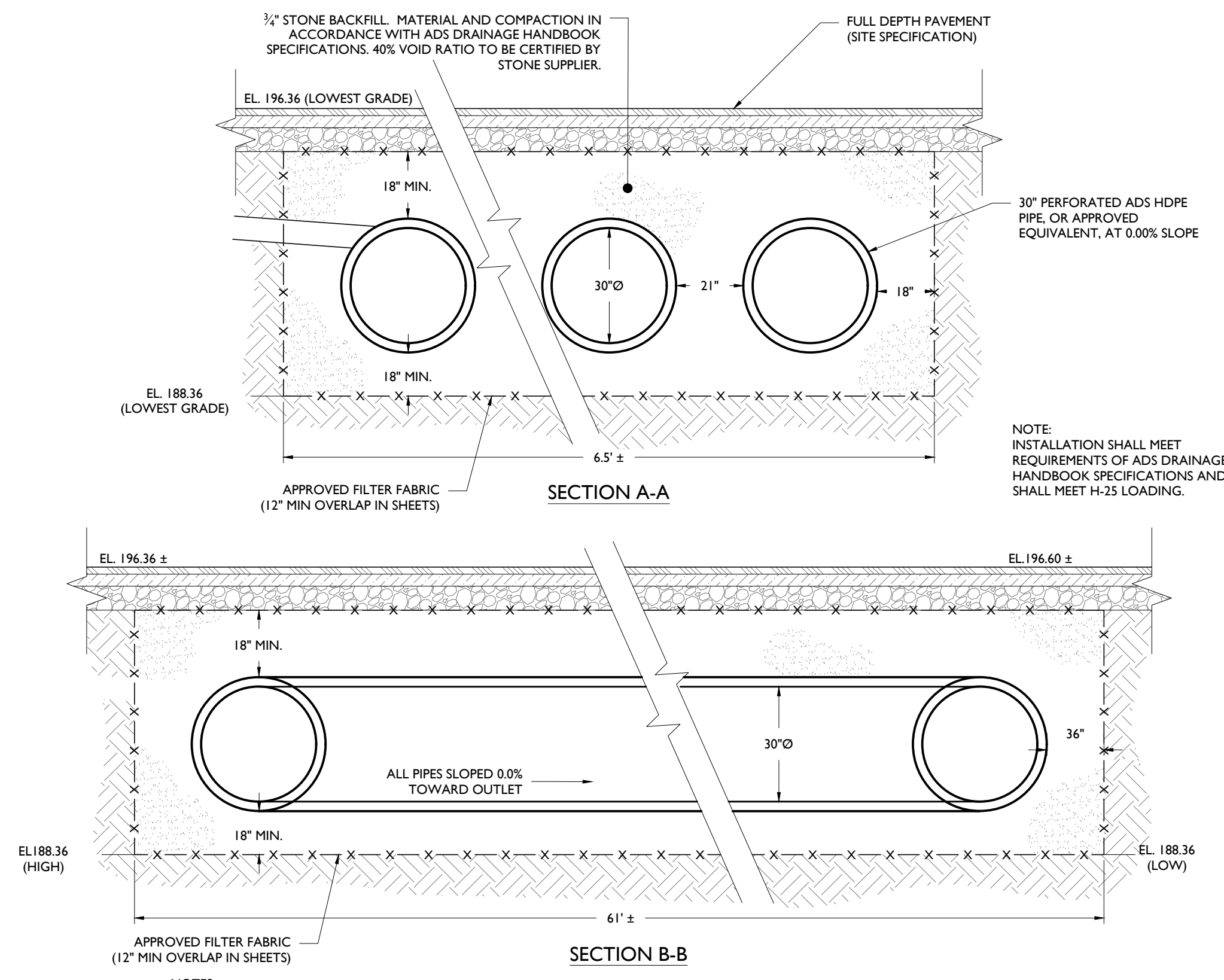
TITLE:  
**CONSTRUCTION DETAILS**

DRAWING:  
**C-14**

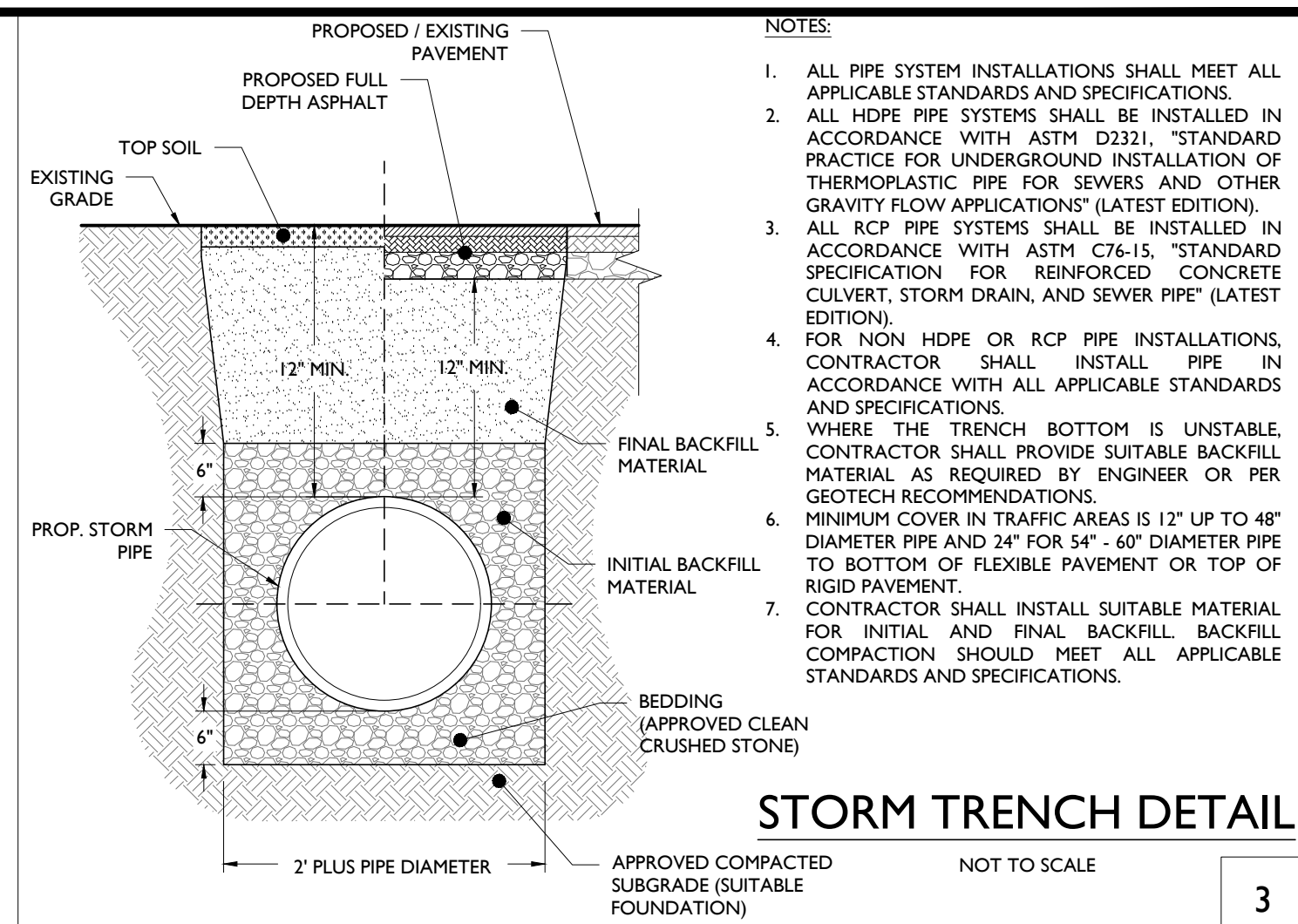


UNDERGROUND OUTLET STRUCTURE (OS-1) DETAIL

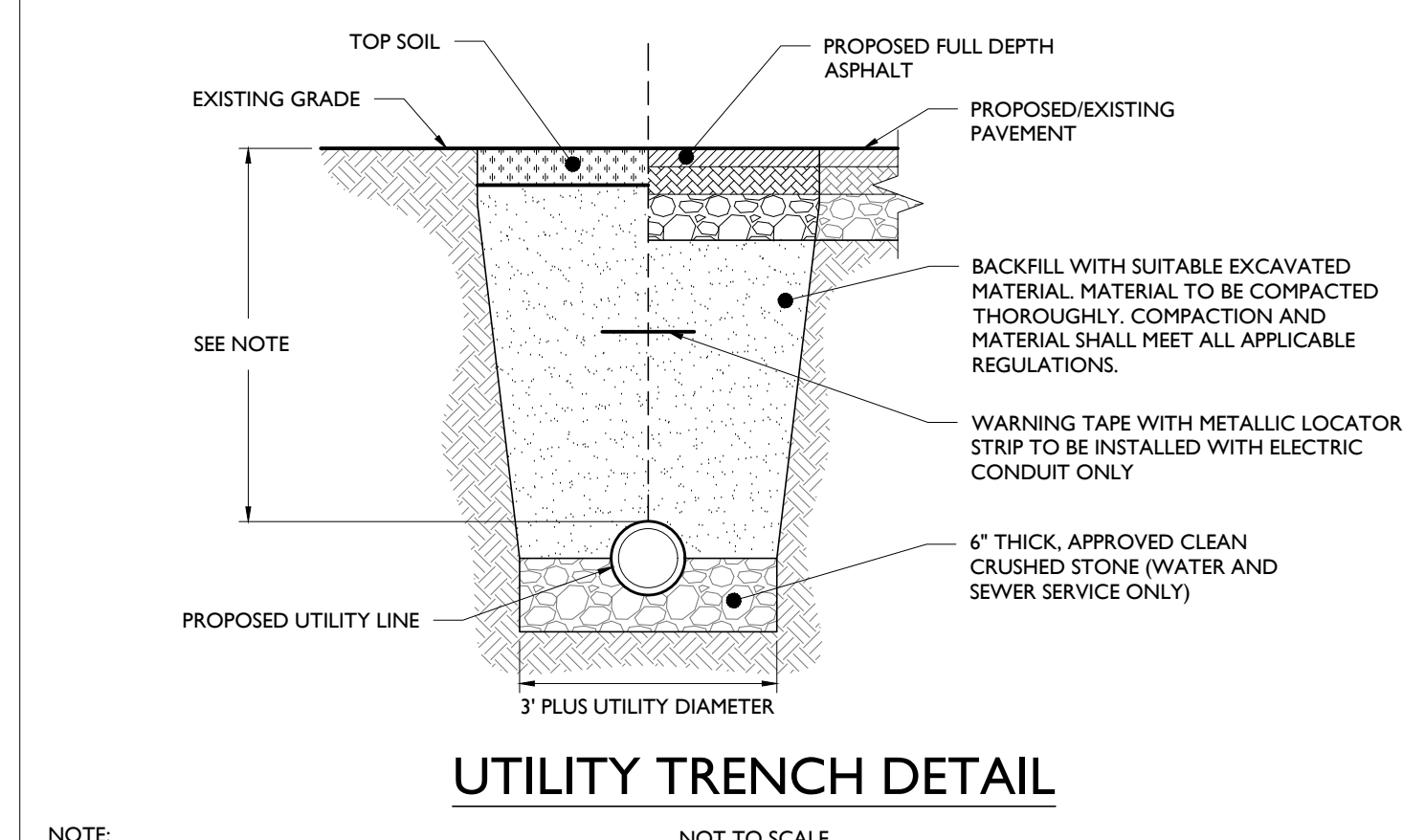
SCALE: 1" = 2'



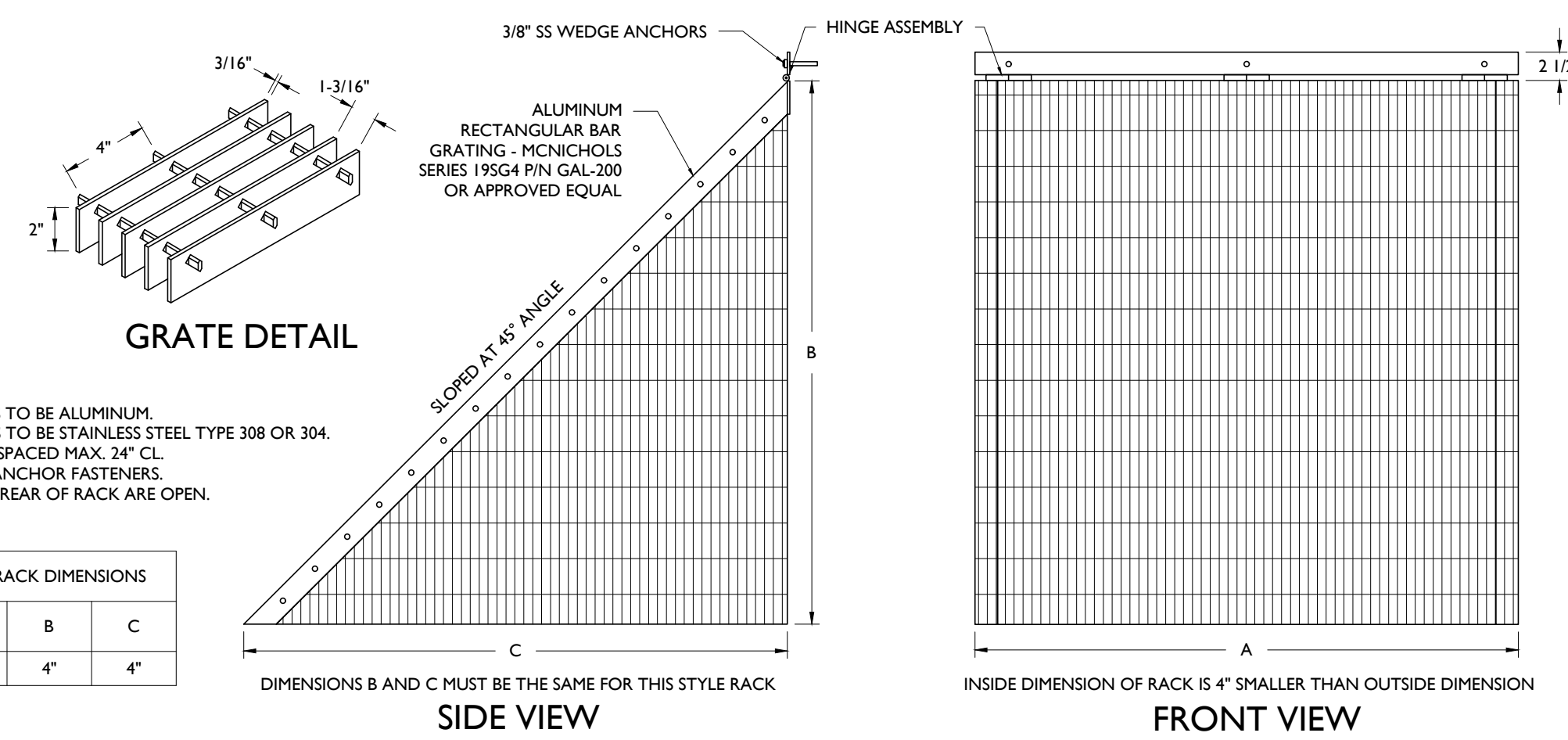
UNDERGROUND BASIN DETAIL



STORM TRENCH DETAIL



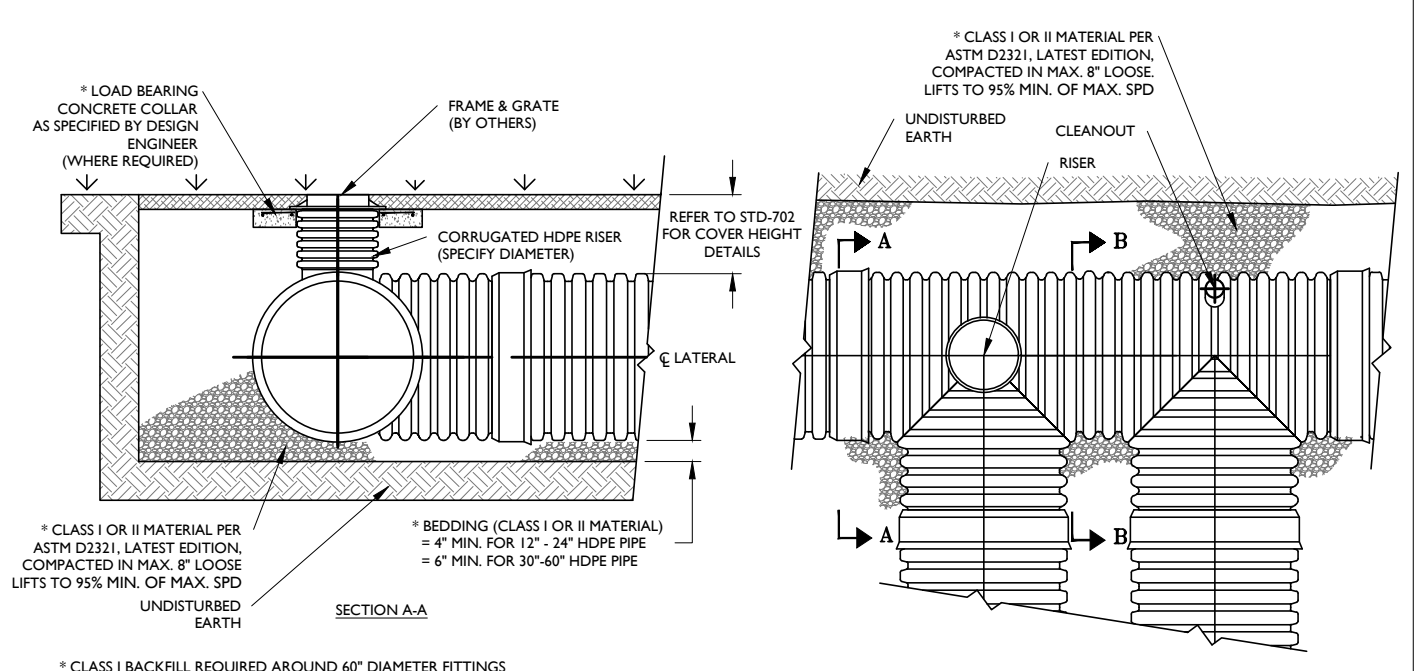
UTILITY TRENCH DETAIL



SLOPED TRASH RACK DETAIL

NOT TO SCALE

(SOURCE: EFFLUENT DESIGN & FABRICATION, LLC)



ADS TYPICAL RISER / CLEAN-OUT DETAIL

NOT TO SCALE

3	08/13/2019	JA	REVISED PER CITY COMMENTS	BY
2	06/11/2019	PHN	REVISED PER CITY COMMENTS	DATE
1	05/20/2019	PHN	ISSUED FOR SUBMISSION	ISSUE
				DESCRIPTION

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SITE PLAN

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ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE No. 099748  
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SCALE: AS SHOWN PROJECT ID: T-17779

TITLE:  
**CONSTRUCTION  
DETAILS**

DRAWING:  
**C-15**

T:\2017\1779\TPO\_ARCHITECTURE - HOMESTEAD STREET & WESTERN AVENUE ALBANY - INFO\DRAWING\TPO\15-15-DRAWING

**Ordering Number Logic**  
Evolve™ LED Area Light N Series (EANB)



PROD. ID	PHOTOMETRIC SERIES	VOLTAGE	OPTICAL CODE*	CEI	LED COLOR TEMP.	BE FUNCTION	MOUNTING ARM	COLOR	OPTIONS
E = Evolve	B = Photometric Series B	D = 120-277V L = 120 M = 277 N = 480 O = 347-480V	7 = 70 (mm)	30 = 3000K 40 = 4000K 50 = 5000K 60 = 5000K CCT for USA	L = None A = ANSI C136.41 Top PE M = None D = ANSI C136.41 Top PE N = None O = ANSI C136.41 Top PE	1 = 12" Arm for Square Fixe. supplied with LEDs. 2 = 12" Arm for Round Fixe. supplied with LEDs. 3 = 12" Arm for Square Fixe. supplied with LEDs. w/ optional hardware. 4 = 12" Arm for Round Fixe. supplied with LEDs. w/ optional hardware.	BLK = Black CRB = Dark Bronze GRY = Gray WHT = White L = Tool-less entry K = 10K Enhanced Surge Protection H = Motion Sensor *# M = SdL Dimming**	D = External Dimming Levels Provided L = 10K Enhanced Surge Protection M = Motion Sensor *# W = 10K Enhanced Surge Protection Z = 200 (Input) 3 = 300 4 = 400 5 = 480 6 = 347-480V	F = Façade H = Motion Sensor *# J = Call Center K = Special Options M = Motion Sensor *# N = SdL Dimming** O = Special Options *Option is only available in 120-277V reference page 5 Under Motion Sensing Option for more details.

OPTICAL CODE	TYPE	TYPICAL INITIAL LUMENS	TYPICAL INITIAL SYSTEM WATTAGE	B-U-RATING	IES FILE NUMBER
AA	Asymmetric Forward	4,000	4,350	28	10-1-140-1
BA	Asymmetric Forward	5,800	6,200	35	10-1-140-1
CA	Asymmetric Forward	7,500	8,000	42	10-1-140-1
DA	Asymmetric Forward	9,300	9,800	49	10-1-140-1
EA	Asymmetric Forward	11,100	11,600	56	10-1-140-1
FA	Asymmetric Forward	12,900	13,700	63	10-1-140-1
GA	Asymmetric Wide	4,300	4,640	28	10-1-140-1
BA	Asymmetric Wide	6,200	6,600	35	10-1-140-1
CA	Asymmetric Wide	8,100	8,600	42	10-1-140-1
DA	Asymmetric Wide	9,900	10,500	49	10-1-140-1
EA	Asymmetric Wide	11,600	12,400	56	10-1-140-1
FA	Asymmetric Wide	13,300	14,200	63	10-1-140-1
GA	Asymmetric Narrow	4,200	4,510	28	10-1-140-1
BA	Asymmetric Narrow	6,000	6,360	35	10-1-140-1
CA	Asymmetric Narrow	7,800	8,400	42	10-1-140-1
DA	Asymmetric Narrow	9,700	10,200	49	10-1-140-1
EA	Asymmetric Narrow	11,500	12,200	56	10-1-140-1
FA	Asymmetric Narrow	13,300	14,100	63	10-1-140-1

PE Accessories (to be ordered separately)

Product #	Part #	Description
93029237	PE-1	Standard 120-277V
93029238	PE-2	Standard 480V
93029239	PE-3	Standard 347V
73251	SCCL-PECL	Shorting cap

**Ordering Number Logic**  
Scolair Wall Pack (EWS3)



PROD. ID	VOLTAGE	POWER LEVEL	PHOTOMETRIC	LED COLOR	BE FUNCTION	COLOR	OPTIONS	
E = Evolve W = Wetlock L = Lumen S = Product Generation	D = 120-277V L = 120 M = 277 N = 480 O = 347-480V	30 = 3000K 40 = 4000K 50 = 5000K 60 = 5000K CCT for USA	D = Asymmetric Forward E = Asymmetric Medium H = Asymmetric High	30 = 3000K 40 = 4000K 50 = 5000K 60 = 5000K CCT for USA	1 = None 2 = Button PE* 3 = Button PE* with motion sensor. *Button PE not available with discrete voltages. Not available with surge protection.	BLK = Black CRB = Dark Bronze GRY = Gray WHT = White L = Tool-less entry K = 10K Enhanced Surge Protection H = Motion Sensor *# M = SdL Dimming**	D = External Dimming Levels Provided L = 10K Enhanced Surge Protection M = Motion Sensor *# W = 10K Enhanced Surge Protection Z = 200 (Input) 3 = 300 4 = 400 5 = 480 6 = 347-480V	F = Façade H = Motion Sensor *# J = Call Center K = Special Options M = Motion Sensor *# N = SdL Dimming** O = Special Options *Option is only available in 120-277V reference page 5 Under Motion Sensing Option for more details.

POWER LEVEL	PHOTOMETRIC TYPE	TYPICAL INITIAL LUMENS	TYPICAL INITIAL SYSTEM WATTAGE	B-U-RATING	IES FILE NUMBER
A7	D1	2800	2900	25	10-1-140-1
E1	D1	2900	2800	25	10-1-140-1
B7	D1	3700	3800	32	10-1-140-1
E1	D1	3800	3700	32	10-1-140-1
C7	D1	4800	5000	41	10-1-140-1
E1	D1	5000	4800	41	10-1-140-1
D1	D1	6500	6700	67	10-1-140-1
E1	D1	6700	6500	67	10-1-140-1
D1	D1	8000	8600	90	10-1-140-1
E1	D1	8600	8000	90	10-1-140-1

Table 2: 347-480V Voltage Versions

POWER LEVEL	PHOTOMETRIC TYPE	TYPICAL INITIAL LUMENS	TYPICAL INITIAL SYSTEM WATTAGE	B-U-RATING	IES FILE NUMBER
A7	D1	2800	2900	25	10-1-140-1
E1	D1	2900	2800	25	10-1-140-1
B7	D1	3700	3800	32	10-1-140-1
E1	D1	3800	3700	32	10-1-140-1
C7	D1	4800	5000	41	10-1-140-1
E1	D1	5000	4800	41	10-1-140-1
D1	D1	6500	6700	67	10-1-140-1
E1	D1	6700	6500	67	10-1-140-1
D1	D1	8000	8600	90	10-1-140-1
E1	D1	8600	8000	90	10-1-140-1

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REVISION	DATE	BY	DESCRIPTION
1	08/13/2019	J.A.	REVISED PER CITY COMMENTS
2	06/11/2019	PHN	REVISED PER CITY COMMENTS
3	05/20/2019	PHN	ISSUED FOR SUBMISSION

NOT APPROVED FOR CONSTRUCTION

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PROPOSED BANK

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HOMESTEAD STREET  
CITY OF ALBANY  
ALBANY COUNTY, NY

ZACHARY E. CHAPLIN, P.E.  
NEW YORK LICENSE NO. 099748  
LICENSED PROFESSIONAL ENGINEER

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SCALE: AS SHOWN | PROJECT ID: T-17779

TITLE:  
**CONSTRUCTION**  
DETAILS

DRAWING:  
**C-16**