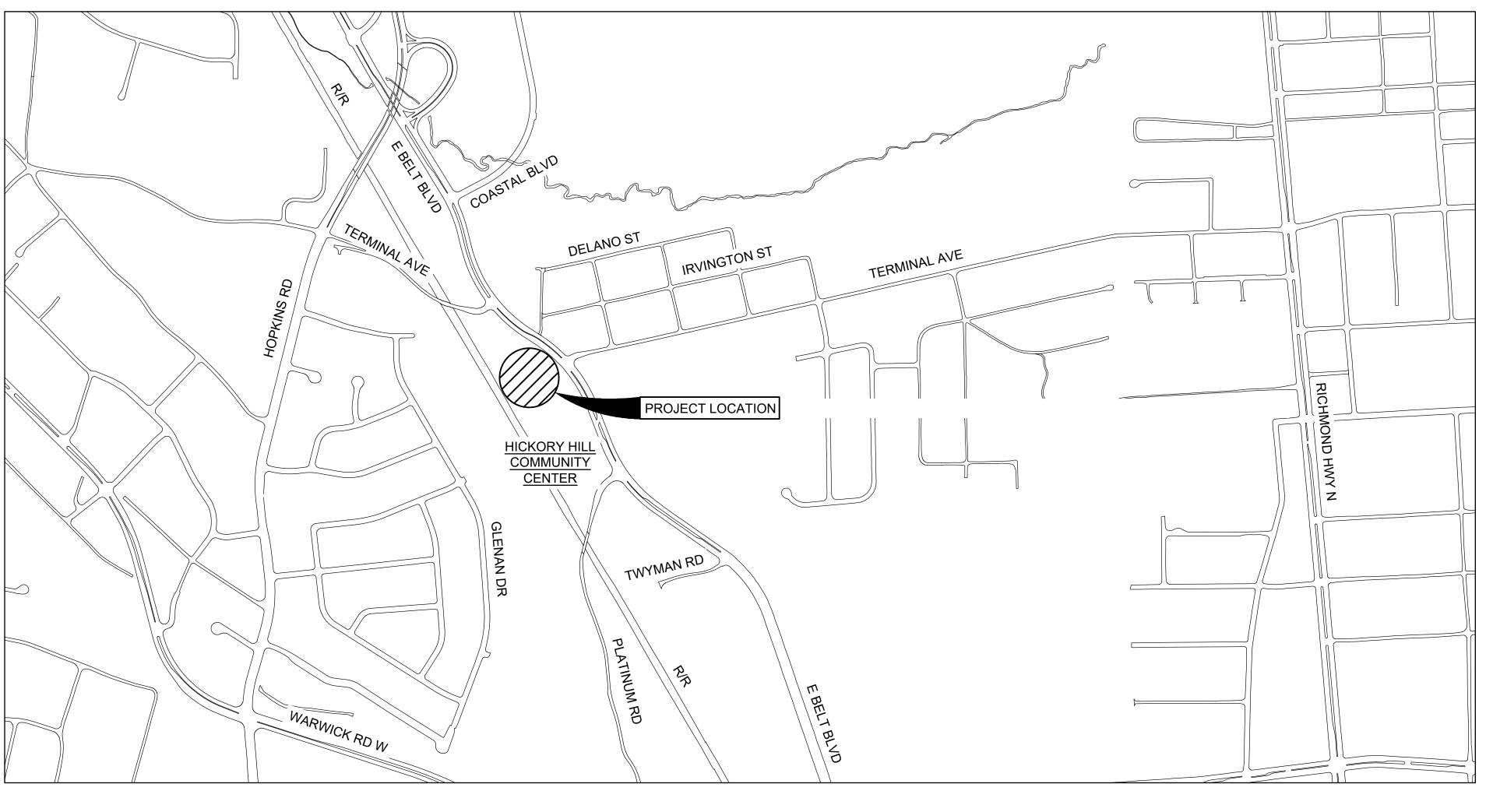
CITY OF RICHMOND, VIRGINIA DEPARTMENT OF PUBLIC WORKS FIRE DEPARTMENT TRAINING FACILITY PROJECT



VICINITY MAP



9020 STONY POINT PARKWAY, SUITE 275 RICHMOND, VIRGINIA 23235

IN ASSOCIATION WITH





DANIELS & ASSOCIATES, P.C.
 Consulting Engineers

 808 Moorefield Park Driver G
 808 Moorefield Park Drive, Suite 105 Richmond, Virginia 23236

JANUARY 2023



PROJECT ADDRESS 3000 EAST BELT BOULEVARD RICHMOND, VA 23234 PARCEL ID: C0090612020

OWNER CONTACT

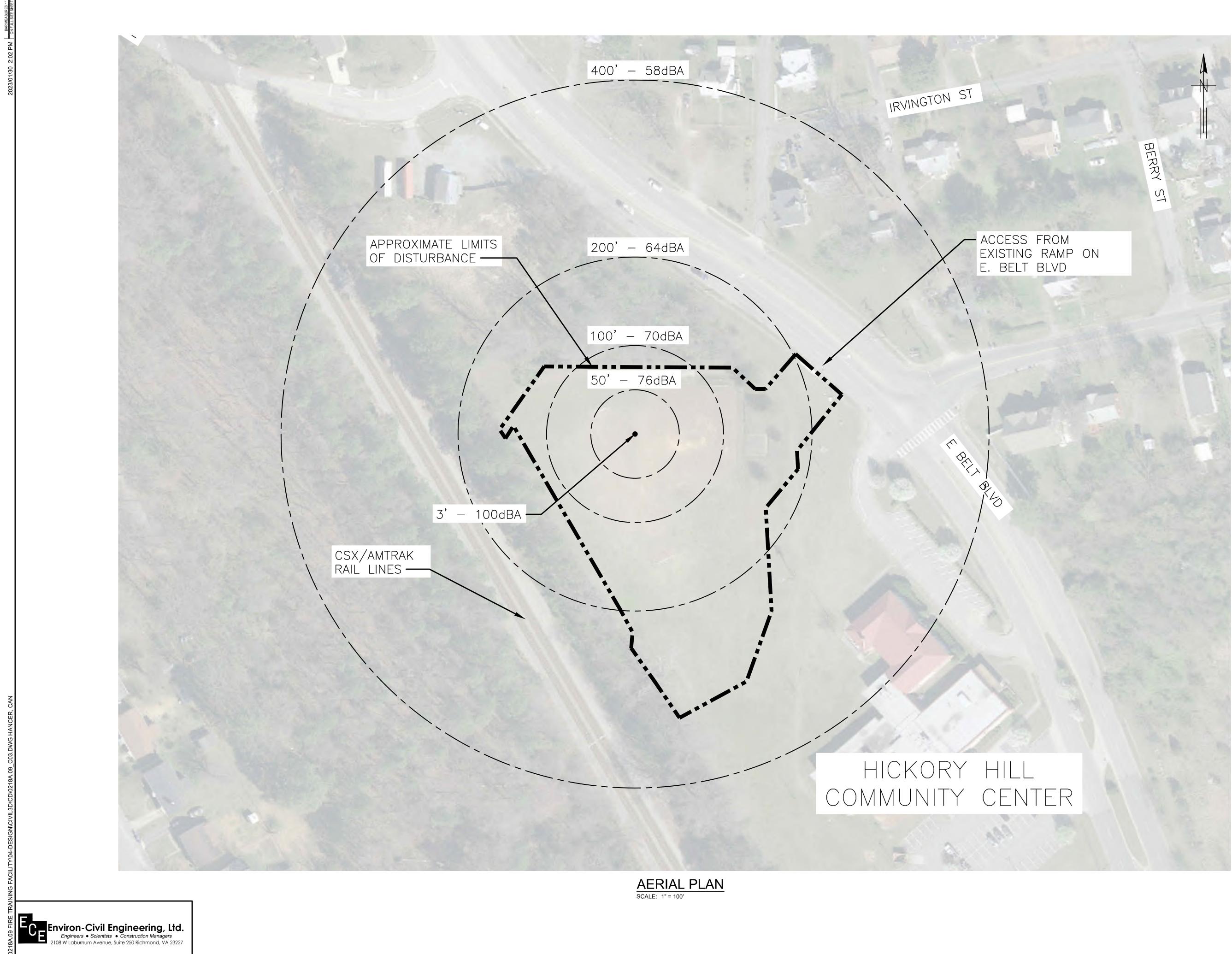
LOUIS D. GOODE CITY OF RICHMOND DEPARTMENT OF PUBLIC WORKS 900 EAST BROAD STREET - RM. 602 RICHMOND, VA 23219 PHONE: (804) 646-7531

DPU CONTACT LOUIS D. GOODE

CITY OF RICHMOND DEPARTMENT OF PUBLIC WORKS 900 EAST BROAD STREET - RM. 602 RICHMOND, VA 23219 PHONE: (804) 646-7531



NOT FOR CONSTRUCTION



GREELEY AND HANSEN

9020 STONY POINT PARKWAY, SUITE 275 RICHMOND, VIRGINIA 23235

DESIGNED	XXX	
DRAWN	xxx	
CHECKED	xxx	APPROVED

IO.	DATE	APPD	

		SCALE			CITY OF RICHMOND, VIRGINIA DEPARTMENT OF PUBLIC UTILITIES	ST.
REVISION DESCRIPTION	100 0 L I I I I	100 	200 FT	1"=100'	RICHMOND FIRE DEPARTMENT TRAINING FACILITY	* 557

<u>LEGEND</u>

LIMITS OF DISTURBANCE

SOUND LEVEL AT VARIABLE DISTANCE FROM SOURCE

NOTES:

- 1. SOUND-DISTANCE ATTENUATION CALCULATION BASED ON INVERSE SQUARE LAW.
- 2. NOISE LEVEL CALCULATIONS ASSUME CLEAR VISIBILITY FROM THE SOURCE OF THE NOISE AND DO NOT ACCOUNT FOR EXISTING AND PROPOSED SOUND DAMPENING SITE FEATURES (TREES, ELEVATION, FENCES, HOUSES, ETC.). CALCULATED NOISE LEVELS ARE NOT INDICATIVE OF IN-SITU CONDITIONS AND ACTUAL NOISE LEVELS WILL BE DAMPENED BY EXISTING AND PROPOSED SITE FEATURES.
- 3. TYPICAL NOISE LEVELS:

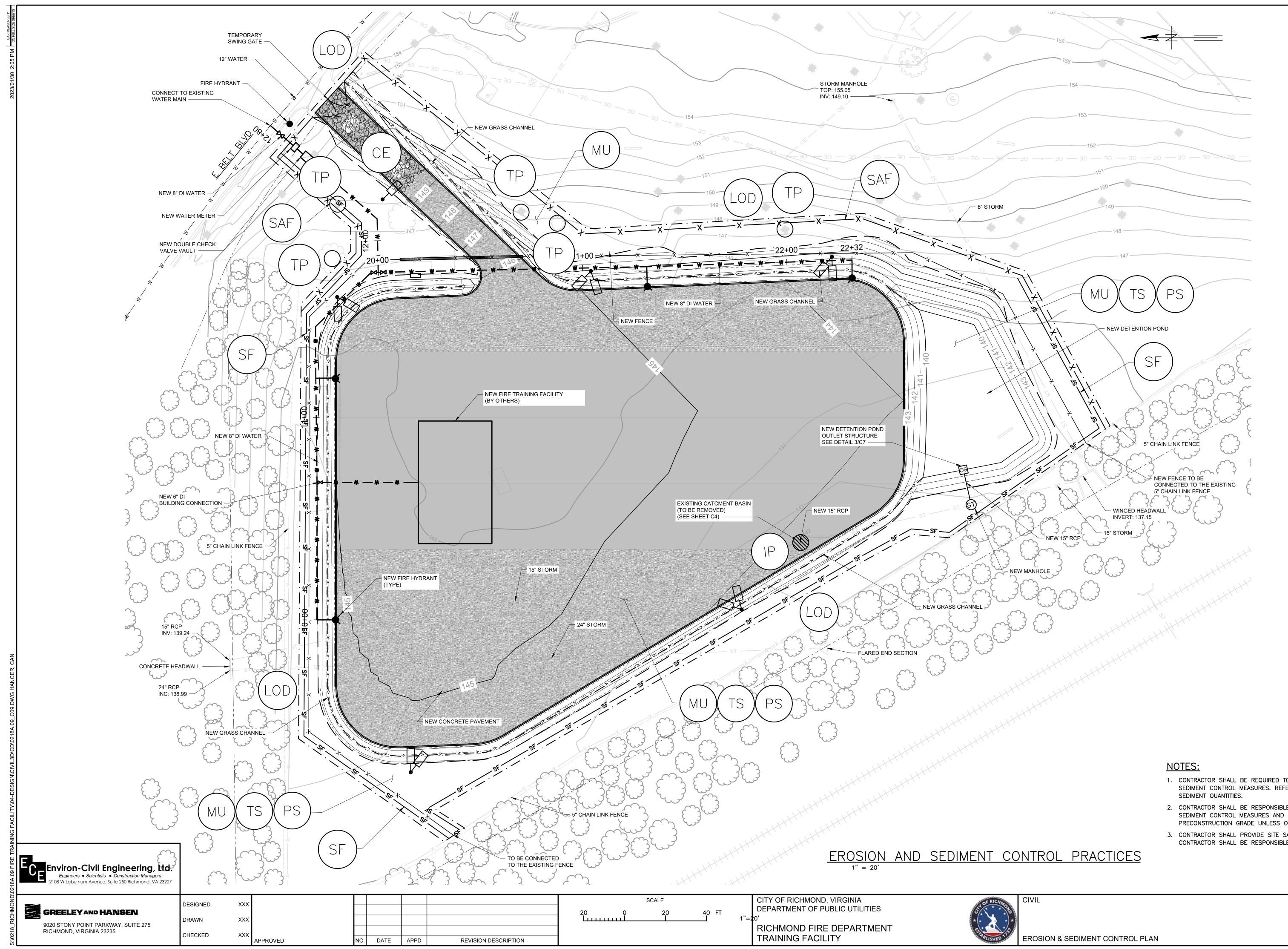
30dBA – WHISPER/LEAVES RUSTLING

- 30–50dBA AVERAGE ROOM NOISE
- 60dBA BACKGROUND MUSIC
- 70dBA AVERAGE OFFICE NOISE
- 75dBA LANDSCAPING EQUIPMENT (INSIDE HOUSE)
- 80dBA INSIDE AN AIRPLANE
- 85dBA NOISY RESTAURANT
- 90dBA HAIRDRYER
- 95dBA PRO-SPORTS GAME/CAR HORN @16 FEET
- 100dBA MOTORCYCLE/LEAF BLOWER

105–110dBA – NIGHTCLUBS/BARS/GAS-POWERED LEAF BLOWER



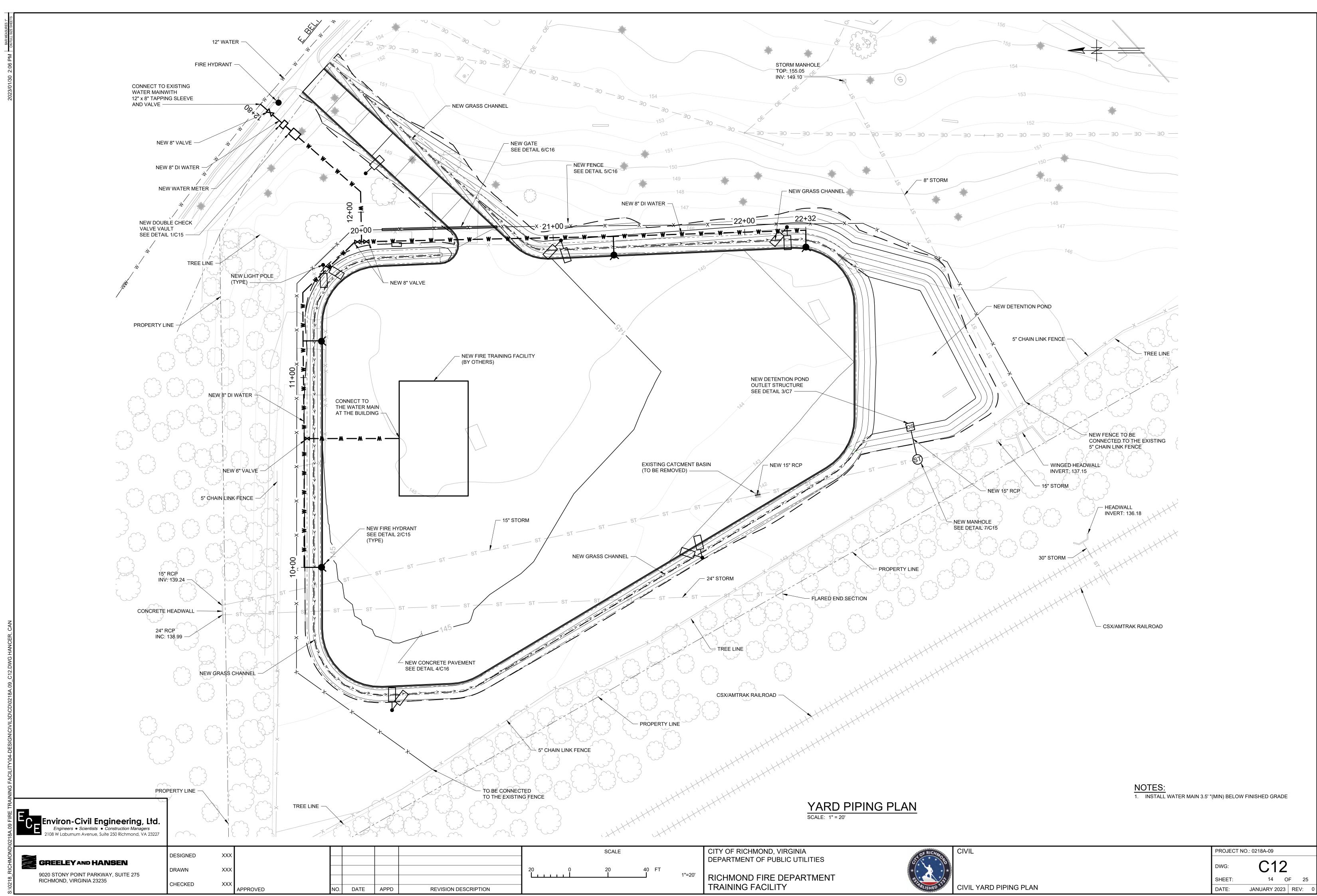
PROJECT NO.: 0218A-09 CIVIL **C**3 DWG: SHEET: 5 OF 25 SOUND-DISTANCE ATTENUATION JANUARY 2023 REV: DATE:

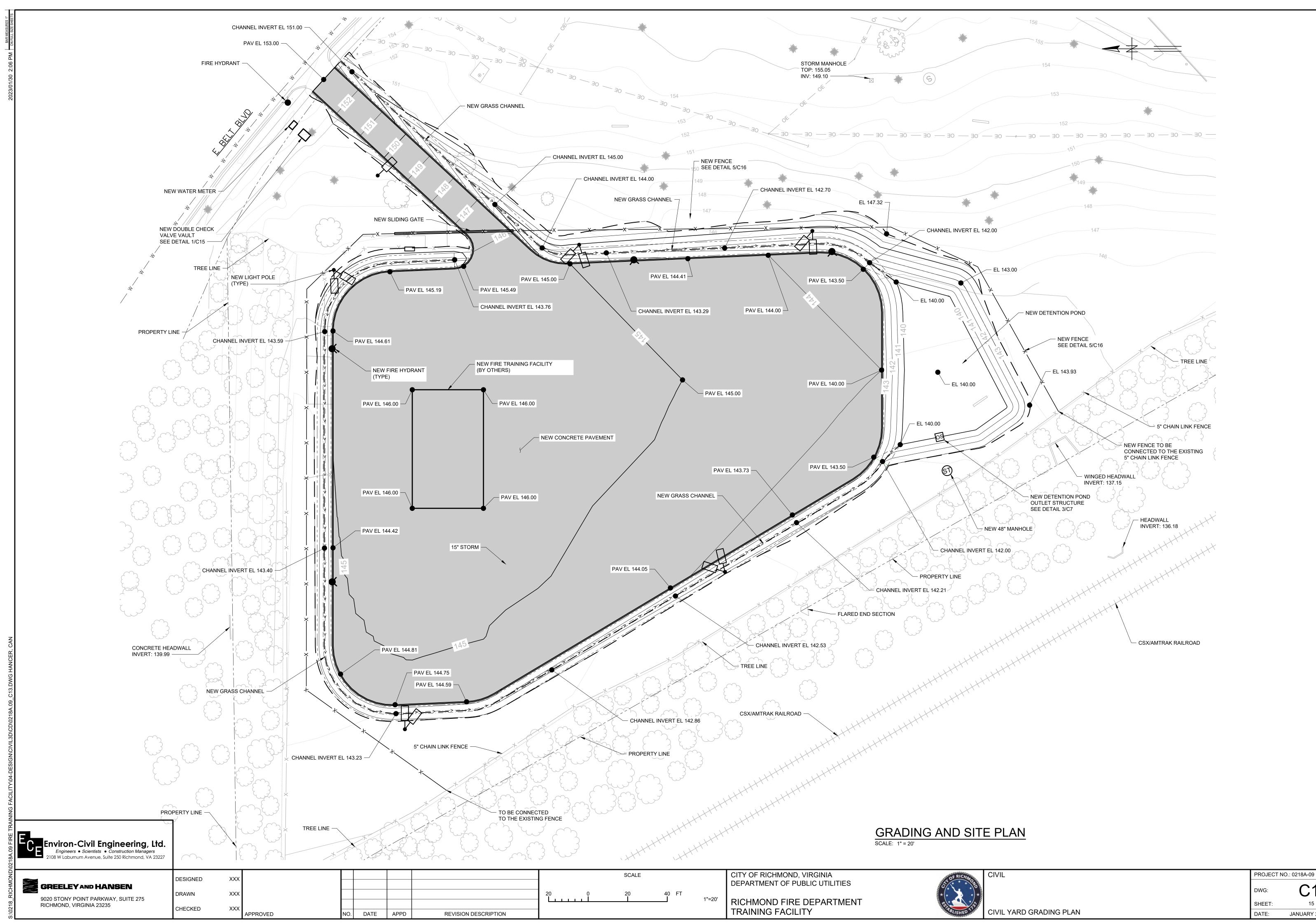


- 1. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE EROSION AND SEDIMENT CONTROL MEASURES. REFER TO DWG C8 FOR EROSION AND
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION AND SEDIMENT CONTROL MEASURES AND RESTORING AREAS TO PRECONSTRUCTION GRADE UNLESS OTHERWISE NOTED.
- 3. CONTRACTOR SHALL PROVIDE SITE SAFETY FENCE AS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY.

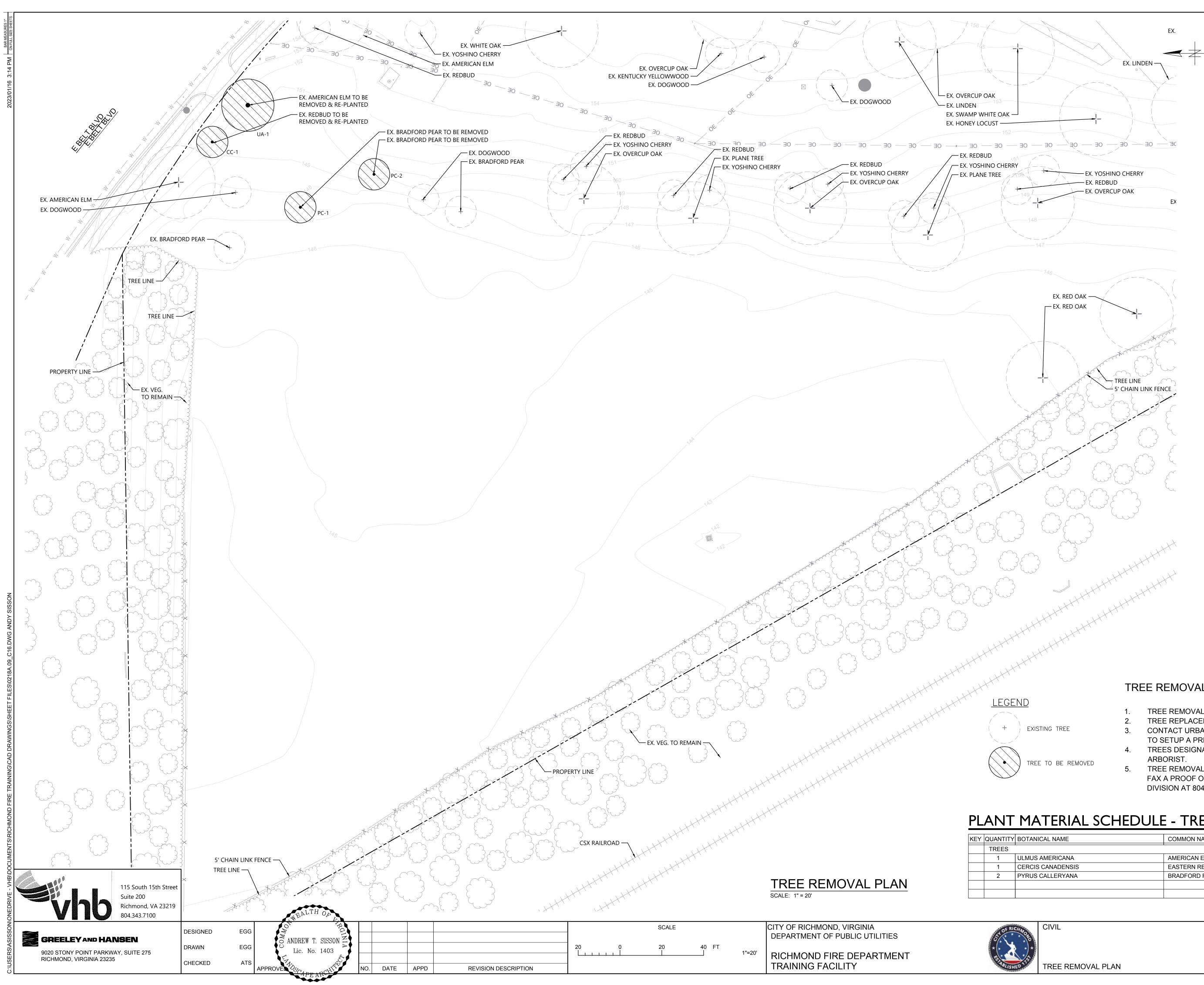
PROJECT NO.: 0218A-09 \mathbf{O}

DWG:	CS)		
SHEET:	11	0	F 2	5
DATE:	JANUARY 20)23	REV:	





CT OF RICHTOD	CIVIL	PROJECT	PROJECT NO.: 0218A-09			
		DWG:	C13			
		SHEET:	15 OF 25			
ALISHED	CIVIL YARD GRADING PLAN	DATE:	JANUARY 2023 REV: 0			



TREE REMOVAL NOTES:

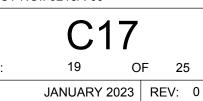
- TREE REMOVAL EQUALS 12" DBH.
- TREE REPLACEMENT TO BE ADDRESSED AT THE END OF CONSTRUCTION. CONTACT URBAN FORESTRY AT 804-646-7000 PRIOR TO CONSTRUCTION TO SETUP A PRE-CONSTRUCTION MEETING.
- TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED BY A CERTIFIED
- TREE REMOVAL CONTRACTOR SHALL HAVE THEIR INSURANCE COMPANY FAX A PROOF OF INSURANCE FORM DIRECTLY TO THE URBAN FORESTRY DIVISION AT 804-646-3087.

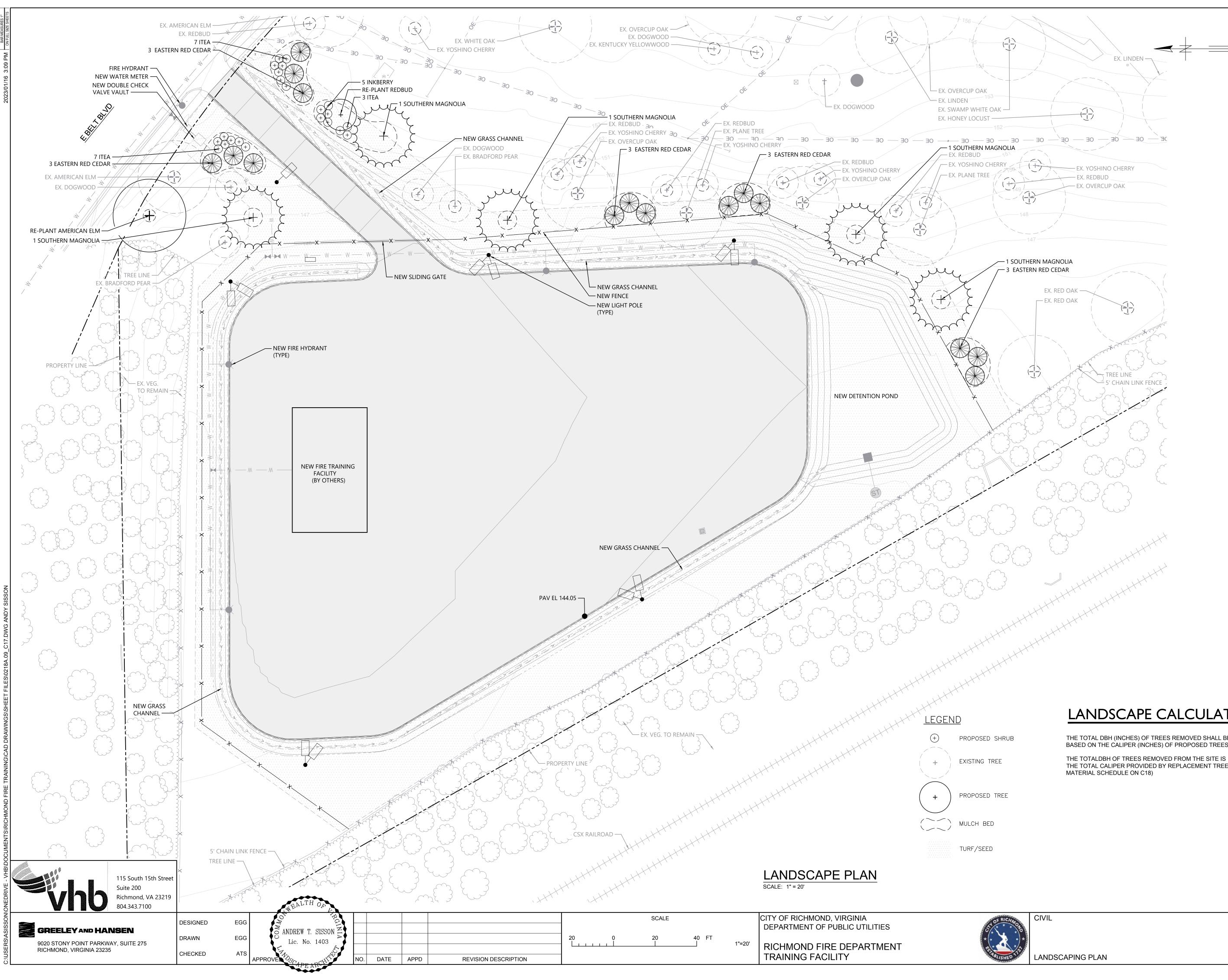
PLANT MATERIAL SCHEDULE - TREES TO BE REMOVED

UANTITY	BOTANICAL NAME	COMMON NAME	CALIPER	REMARKS
TREES				
1	ULMUS AMERICANA	AMERICAN ELM	1-1/2"	SAVE & RE-PLANT PER LANDSCAPE PLAN
1	CERCIS CANADENSIS	EASTERN REDBUD	1-1/2"	SAVE & RE-PLANT PER LANDSCAPE PLAN
2	PYRUS CALLERYANA	BRADFORD PEAR	8"	

PROJECT NO.: 0218A-09

DWG: SHEET: DATE:





LANDSCAPE CALCULATIONS

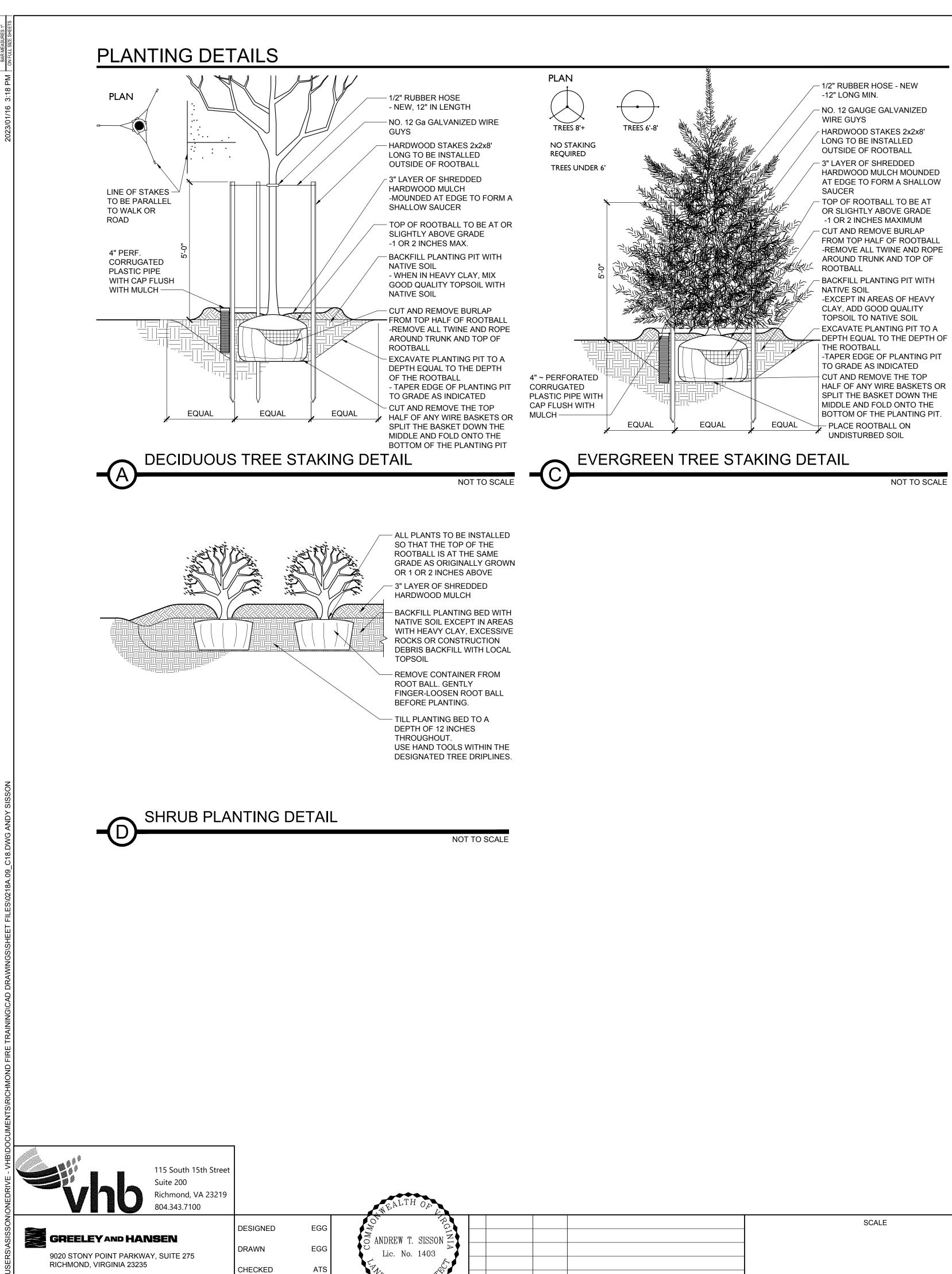
THE TOTAL DBH (INCHES) OF TREES REMOVED SHALL BE REPLACED ON A 1:1 BASIS, BASED ON THE CALIPER (INCHES) OF PROPOSED TREES AT PLANTING.

THE TOTALDBH OF TREES REMOVED FROM THE SITE IS 16 INCHES (SEE TABLE ON C16) THE TOTAL CALIPER PROVIDED BY REPLACEMENT TREES IS 32.5 INCHES (SEE PLANT

PROJECT NO.: 0218A-09

DWG: SHEET: DATE:





DATE APPD

NO.

APPROV

NOT TO SCALE

PLANT MATERIAL SCHEDULE

QUANTITY	BOTANICAL NAME	COMMON NAME
TREES		
15	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR
5	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA
SHRUBS		
5	ILEX GLABRA	INKBERRY
17	ITEA VIRGINICA	ITEA, VIRGINIA SWEETSPIRE

PLANTING NOTES:

- 1. CONTRACTOR SHALL VERIFY PLANT MATERIAL QUANTITIES SHOWN ON PLAN WITH TOTA IN PLANTING SCHEDULE. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOF TO FINAL BIDDING. UNIT PRICES SHALL BE SUBMITTED AS PART OF FINAL BID.
- 2. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE FULL YEAR TO BE IN A HEALTH GROWING CONDITION. PLANT MATERIALS WHICH DO NOT FULFILL THIS GUARANTEE SHA BE REPLACED AT NO COST TO THE OWNER. REPLACEMENT SHALL BE GUARANTEED THROUGHOUT THE ORIGINAL GUARANTEE PERIOD. PLANTS THAT DIE SHALL BE REPLACE IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTO SHALL NOT ASSUME IRRIGATION SYSTEM IS FULLY OPERATIONAL AT COMPLETION OF PLANTING INSTALLATION
- 4. CONTRACTOR RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO BEGINNING OF CONSTRUCTION FOR LOCATION OF ALL UTILITY LINES. TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITE IF ANY CONFLICTS OCCUR.
- 5. THE LANDSCAPE ARCHITECT IS THE OWNERS REPRESENTATIVE AND SHALL BE THE APPROVING AUTHORITY FOR INFORMATION PROVIDED IN THESE PLANS AND SPECIFICATIONS.
- 6. ALL PLANT MATERIALS, TOPSOIL, MULCH, FERTILIZERS, SOIL AMENITIES, PLANTING SUPPLIES AND METHODS SHALL BE SUBJECT TO LANDSCAPE ARCHITECTS APPROVAL. REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE WITHOUT DELAY.
- 7. ALL PLANT MATERIALS AND PLANTING METHODS SHALL CONFORM TO A.A.N. STANDARD
- 8. CONTRACTOR SHALL LAYOUT AND MARK LOCATION FOR ALL PLANT MATERIAL, PLANTIN AND IMPROVEMENTS SHOWN AND REQUEST IN FIELD APPROVAL FROM LANDSCAPE ARCHITECT.
- 9. BEDS TO CONTAIN SHRUBS OR GROUND COVER SHALL BE TILLED TO A DEPTH OF 6" AND THE SOIL CONDITIONED BY ADDING CLEAN, WELL ROTTED MANURE. IF EXISTING SOIL IS CONSIDERED TO BE UNUSABLE BY OWNER, BEDS SHALL BE TREATED TO ELIMINATE WEEDS AND WEED SEEDS.
- 10. ALL PLANTING BED AREAS SHALL BE COVERED WITH A 3" MINIMUM LAYER OF MEDIUM TEXTURE SHREDDED HARDWOOD MULCH UNLESS OTHERWISE NOTED.

	SPACIN	IG CALIPER	HEIGHT	ROOT TYPE	DETAIL	REMARKS				
			1	· · ·						
	AS SHO	WN 1.5"	6'	B&B	С	15 X 1.5" = 22.5"				
	AS SHO		10'	B&B	<u>с</u>	$13 \times 1.3 - 22.3$ 5 X 2" = 10"				
:	AS SHO		18" HT. 18" HT.	CONT.	D	DENSE, FULL TO GROUND DENSE, FULL TO GROUND				
ALS DR						REQUESTED IN WRITING TO THE BY THE OWNER.				
ΗY		ALL PLANTING OPERATIONS SHALL BE UNDER THE SUPERVISION OF AN EXPERIENCED PLANTSMAN.								
ALL	13.	LANDSCAPE AR	CHITECT RE	SERVES THE	RIGHT TO S	ELECT PLANT MATERIALS IN THE				
CED	I	NURSERY.								
		FOR TREES BALLED IN WIRE BASKETS, CUT AND REMOVE TOP AND SIDES OF BASKET AFTER INSTALLATION.								
FOR	· 	5. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO A.A.N. STANDARDS. SEE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-(CURRENT EDITION).								
ЕСТ	16.	SOIL SHALL BE	FREE OF ALI	_ WEEDS.						
		COMPLIANCE W SHALL BE HELD	ITH PLANT S	CHEDULE AS	APPROVED Y IN ISSUAN	ECKED BY COUNTY INSPECTION FOR BY THE COUNTY. CONTRACTOR CE OF CERTIFICATE OF OCCUPANCY UBSTITUTIONS OR DOWNSIZING.				
		NOTIFY THE GE	NERAL CON ⁻ OF ALL DEAI	TRACTOR WHO	O WILL VER	THE LANDSCAPE CONTRACTOR SHALL IFY COMPLETENESS, INCLUDING THE SCHEDULE A FINAL INSPECTION FOR				
DS. NG,		ACCEPTANCE C	OF THE PLAN Y FOR MAIN	TING INSTALL	ATION. THE	PON THE OWNER'S APPROVAL AND OWNER SHALL ASSUME TERING, WEEDING, PEST CONTROL,				
ND IS		CONTRACTOR S WARRANTY PEF		VE STAKING F	ROM TREE	S AT THE END OF THE ONE YEAR				



CIVIL

PROJECT NO.: 0218A-09





UN ABOVE CEILING OR IN WALLS UN IN OR BELOW FLOOR SLAB IT (CONCRETE ENCASED) IT (DIRECT BURIED) (DIRECT BURIED) (DIRECT BURIED) (DIRECT BURIED) (DIRECT BURIED) NT T TAG CABLE OR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING (TIONS) UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER // E OR SLUICE GATE WITH AND CONTROL STATION SES) FIELD CONTROL DEVICES (SEE			2P - TWO POLEMS -3 - THREE WAYPL -4 - FOUR WAYT -	DTES FIXTUR ID LETTER RECTIONAL S ACE RY POWERE RY POWERE LIGHTING HE HEAD DTED DTED DTED DTED DTED DTED ATING AS NO
AUN IN OR BELOW FLOOR SLAB IT (CONCRETE ENCASED) IT (DIRECT BURIED) (DIRECT BURIED) (DIRECT BURIED) UTRAL AND GROUND WIRES EUTRAL; ENOTES GROUND) NT T TAG CABLE OR E AS INDICATED ON PLAN 480Y/277V, ER OX OR TERMINAL BOX OISCONNECTING (TIONS) UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER			DENOTES SWITCH CONTROLLING FIXTU EMERGENCY LIGHTING FIXTURE WALL OR CEILING MOUNTED EXIT OR DI (SHADED SIDE DENOTES ILLUMINATED F ARROW INDICATES DIRECTION) EMERGENCY EXIT LIGHT COMBO, BATTE MOUNT POLE MOUNTED LIGHTING FIXTURE FLOODLIGHT LED STRIP LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK A REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY T- D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	RE RECTIONAL S ACE RY POWERE RY POWERE URES LIGHTING HE HEAD DTED DTED DTED DTED DTED DTED CTED CTE
IT (DIRECT BURIED) (DIRECT BUR			WALL OR CEILING MOUNTED EXIT OR DI (SHADED SIDE DENOTES ILLUMINATED F ARROW INDICATES DIRECTION) EMERGENCY EXIT LIGHT COMBO, BATTE MOUNT POLE MOUNTED LIGHTING FIXTURE FLOODLIGHT LED STRIP LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N FLOOR OUTLET BOX WITH DUPLEX RECC 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE - SINGLE PHASE (R SINGLE RECEPTACLE - SINGLE PHASE (R SINGLE RECEPTACLE - THREE PHASE (R CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE OUTLET	ACE RY POWERE NDICATING L URES LIGHTING HE HEAD DTED DTED DTED DTED CTED CTED CTED CTE
(DIRECT BURIED) UTRAL AND GROUND WIRES EUTRAL; ENOTES GROUND) NT T TAG CABLE OR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER CONTACTOR BREAKER STARTER			ARROW INDICATES DIRECTION) EMERGENCY EXIT LIGHT COMBO, BATTER MOUNT POLE MOUNTED LIGHTING FIXTURE FLOODLIGHT LED STRIP LIGHTING FIXTURE LED LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU FLOOR OUTLET BOX WITH DUPLEX RECCI 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU FLOOR OUTLET BOX WITH DUPLEX RECCI 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NU SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED CO 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	RY POWERE NDICATING L URES LIGHTING HI HEAD DTED DTED DTED DTED CTED CTED CTED CTE
UTRAL AND GROUND WIRES EUTRAL; ENOTES GROUND) NT T TAG CABLE OR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER			MOUNT POLE MOUNTED LIGHTING FIXTURE FLOODLIGHT LED STRIP LIGHTING FIXTURE LED LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS N SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	NDICATING L URES LIGHTING HI HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO ATING AS NO THERWISE MOTOR STAF
EUTRAL; ENOTES GROUND) NT T TAG CABLE DR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			FLOODLIGHTLED STRIP LIGHTING FIXTURELED LIGHTING FIXTUREEMERGENCY LED LIGHTING FIXTUREREMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXTEMERGENCY BATTERY PACK WITH TWOEMERGENCY BATTERY PACK - REMOTEPHOTOELECTRIC CELLSPECIALTY PLUG PER DRAWINGSINGLE RECEPTACLE2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (RECEPTACLE -	URES LIGHTING HE HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT I THERMAL ON
EUTRAL; ENOTES GROUND) NT T TAG CABLE DR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			LED STRIP LIGHTING FIXTURE LED LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	URES LIGHTING HI HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAP WITH PILOT I THERMAL ON
EUTRAL; ENOTES GROUND) NT T TAG CABLE DR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			LED LIGHTING FIXTURE EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	URES LIGHTING HE HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT I THERMAL OV
EUTRAL; ENOTES GROUND) NT T TAG CABLE DR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			EMERGENCY LED LIGHTING FIXTURE REMOTE TEST PUSHBUTTON AND "ON" I FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (R CLOCK WITH RECEPTACLE - SINGLE PHASE (R CLOCK WITH RECEPTACLE - THREE PHASE (R CLOCK THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	URES LIGHTING HE HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
T TAG CABLE DR E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING ATIONS) RUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			FOR BATTERY EQUIPPED LIGHTING FIXT EMERGENCY BATTERY PACK WITH TWO EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F CLOCK WITH RECEPTACLE - SINGLE PHASE (F CLOCK WITH RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET	URES LIGHTING HE HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) RUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER		P°C ⊕ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ	EMERGENCY BATTERY PACK - REMOTE PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F CLOCK WITH RECEPTACLE - THREE PHASE (F CLOCK THREE (F CLOCK THREE (F CLOCK F CLOCK F CLOCK F CLOCK F CLOCK F	HEAD DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) RUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER		P°C ⊕ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ	PHOTOELECTRIC CELL SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (R SINGLE RECEPTACLE - SINGLE PHASE (R CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE A - FOUR WAY A - FOUR WAY A - FOUR WAY A - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET	DTED DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
E AS INDICATED ON PLAN 480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER			SPECIALTY PLUG PER DRAWING SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (R CLOCK WITH RECEPTACLE - THREE (R CLOCK THREE WAY I - T SINGLE POLE SWITCH UNLESS NOTED (R SINGLE POLE SWITCH UNLESS NOTED (R SINGLE POLE SWITCH UNLESS (R SINGLE POLE SWITCH UNLESS (R SINGLE POLE SWITCH TE PHONE (R SINGLE POLE SWITCH UNLESS (R SINGLE POLE SWITCH UNLESS (R SINGLE POLE SWITCH UNLESS (R SINGLE POLE SWITCH UNLESS (R SINGLE SWITCH SINGLE SWITCH UNLESS (R SINGLE SWITCH SINGLE SWITCH UNLESS (R SINGLE SWITCH SINGLE SWITCH SINGLE SWITCH SINGLE SWITCH SINGLE SWI	DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
480Y/277V, ER DX OR TERMINAL BOX DISCONNECTING TIONS) UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER		Φ ₽ ₽ Φ ₽ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ Φ	SINGLE RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - SINGLE PHASE (F CLOCK WITH RECEPTACLE - THREE PHASE (F SINGLE POLE SWITCH UNLESS NOTED (F 2P - TWO POLE MS - T 3 - THREE WAY PL - T 4 - FOUR WAY T - D D - DOOR SWITCH TS - M M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
ER DX OR TERMINAL BOX DISCONNECTING TIONS) AUM SWITCH, E, MAINTAINED CONTACTS TIC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER		₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽	2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECO 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (R SINGLE RECEPTACLE - SINGLE PHASE (R CLOCK WITH RECEPTACLE - THREE PHASE (R SINGLE POLE SWITCH UNLESS NOTED (R 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	DTED DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
DX OR TERMINAL BOX DISCONNECTING ATIONS) RUM SWITCH, E, MAINTAINED CONTACTS TIC STARTER OR CONTACTOR BREAKER STARTER BREAKER STARTER VE OR SLUICE GATE WITH AND CONTROL STATION E SCHEMATIC DIAGRAMS DES)		₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽	2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO DUPLEX RECEPTACLE 2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECO 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	DTED EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
VE OR SLUICE GATE WITH AND CONTROL STATION		Image: Second secon	2 POLE, 3 WIRE, 208 VOLT, 20A, OR AS NO FLOOR OUTLET BOX WITH DUPLEX RECH 2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	EPTACLE DTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
TIONS) CUM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER VE OR SLUICE GATE WITH AND CONTROL STATION E SCHEMATIC DIAGRAMS CES)		₽ ₽ ₽ ₽ ₽ ₽ ₽	2 POLE, 3 WIRE, 120 VOLT, 20A, OR AS NO SINGLE RECEPTACLE - SINGLE PHASE (F SINGLE RECEPTACLE - THREE PHASE (F CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	OTED RATING AS NO ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
UM SWITCH, E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER VE OR SLUICE GATE WITH AND CONTROL STATION E SCHEMATIC DIAGRAMS ES)		P© P∲ P∲ TYF	SINGLE RECEPTACLE - THREE PHASE (R CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	ATING AS NO THERWISE MOTOR STAF WITH PILOT L THERMAL OV
E, MAINTAINED CONTACTS IC STARTER OR CONTACTOR BREAKER STARTER VE OR SLUICE GATE WITH AND CONTROL STATION E SCHEMATIC DIAGRAMS ES)		F© ₩ TYF ▼	CLOCK WITH RECEPTACLE SINGLE POLE SWITCH UNLESS NOTED C 2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	THERWISE MOTOR STAF WITH PILOT L THERMAL OV
BREAKER STARTER VE OR SLUICE GATE WITH AND CONTROL STATION E SCHEMATIC DIAGRAMS CES)			2P - TWO POLE MS - 3 - THREE WAY PL - 4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	MOTOR STAF WITH PILOT L THERMAL OV
/E OR SLUICE GATE WITH R AND CONTROL STATION E SCHEMATIC DIAGRAMS CES)			4 - FOUR WAY T - D - DOOR SWITCH TS - M - MOMENTARY CONTACT INTERCOM TELEPHONE OUTLET INTERCOM TELEPHONE FLOOR OUTLET	THERMAL OV
/E OR SLUICE GATE WITH R AND CONTROL STATION E SCHEMATIC DIAGRAMS CES)			INTERCOM TELEPHONE OUTLET	
/E OR SLUICE GATE WITH R AND CONTROL STATION E SCHEMATIC DIAGRAMS CES)				
AND CONTROL STATION SCHEMATIC DIAGRAMS SES)		\mathbf{H}	PUBLIC TELEPHONE OUTLET	
E SCHEMATIC DIAGRAMS CES)			PUBLIC TELEPHONE FLOOR OUTLET	
ES)		▼ S ⊲	SPEAKER	
FIELD CONTROL DEVICES (SEE			BI-DIRECTIONAL SPEAKER	
D SCHEMATICS FOR DETAILS)		s V	INTERCOMMUNICATION SPEAKER	
			CLOSED CIRCUIT TELEVISION CAMERA	
CESS BOX		N	ALARM HORN	
		Ŋ	ALARM BELL	
		FACP FAAP	FIRE ALARM CONTROL PANEL	
		F	MANUAL PULL STATION	
		$\overline{\langle S \rangle}$	SMOKE DETECTOR	
		H	HEAT DETECTOR	
		-		
		AO	AUDIBLE/VISUAL INDICATING DEVICE WI	TH BELL
		Ā	VISUAL INDICATING DEVICE	
DRK TO BE DEMOLISHED		FS	SPRINKLER SYSTEM FLOW SWITCH	
		M	MAGNETIC DOOR SWITCH	
		\vdash	INFRARED BEAM MOTION DETECTION TR	ANSMITTER
	I			
	ISTING WORK EW WORK ORK TO BE DEMOLISHED	EW WORK	ISTING WORK EW WORK EW WORK FS PRK TO BE DEMOLISHED	SMOKE DETECTOR (H) HEAT DETECTOR Heat DETECTOR Heat DETECTOR Heat DETECTOR Heat DETECTOR Heat DETECTOR Heat DETECTOR Heat DETECTOR PHOTOELECTRIC BEAM SMOKE DETECTOR Heat DETEC

CHECKED

ΤK

APPROVED

RICHMOND, VIRGINIA 23235

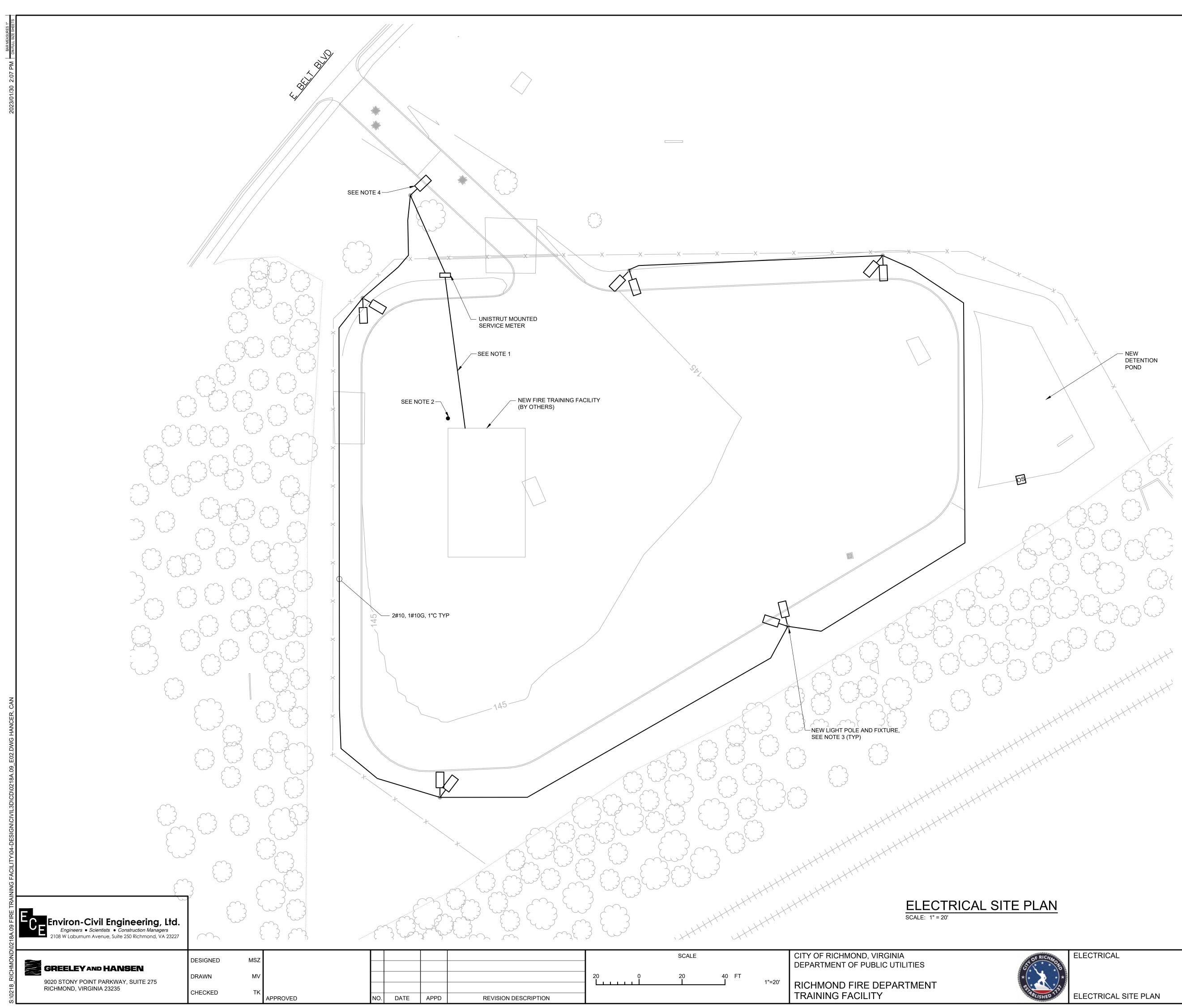
REV

NO. DATE APPD

			ONE LINE AI	ND SCHEMATIC DIAGRAM SYMBOLS		ABBREVIATIONS
	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL DESCRIPTION	A - AMPS
	>	INCOMING FEEDER	\square	OPERATING COIL (C-CONTACTOR, F-FAST, F-FORWARD,	27 PROTECTIVE RELAYS:	A - AMFS ACM - ASBESTOS CONTAINING MATERIAL
YPE		OUTGOING FEEDER		H-HIGH, L-LOW, M-MOTOR STARTER, R-REVERSE, S-SLOW)	27) PROTECTIVE RELAYS: 25 - SYNCHRONIZING CHECK	AFF - ABOVE FINISHED FLOOR ATC - AUTOMATIC TRANSFER CONTROLLER
					27 - UNDERVOLTAGE	ATS - AUTOMATIC TRANSFER SWITCH
	_	CONDUCTORS CONNECTED	$AR \rightarrow AR \rightarrow$	RELAY COIL (AR-AUXILIARY RELAY, CR-CONTROL RELAY, LOR-LOCKOUT RELAY, TR-TIME DELAY RELAY WHERE `XX'	32 - REVERSE POWER 43 - SELECTOR SWITCH	BCP - BREAKER CONTROL PANEL
	ıl———	GROUNDING CONNECTION		DENOTES RELAY FUNCTION OR NUMBER)	47 - PHASE SEQUENCE	BKR - BREAKER BLDG - BUILDING
N	al s s			NORMALLY OPEN CONTACT	49 - THERMAL 50 - INSTANTANEOUS OVERCURRENT	BOD - BOTTOM OF DUCT
	─● ●──	LIGHTNING OR SURGE ARRESTOR		NORMALLY CLOSED CONTACT	51 - AC TIME OVERCURRENT	CL-CENTERLINE CKT-CIRCUIT
WALL	→	RECTIFIER OR DIODE	OL		52 - AC CIRCUIT BREAKER 59 - OVERVOLTAGE	CS - CONTROL SWITCH
		SURGE CAPACITOR		OVERLOAD RELAY CONTACT	60 - VOLTAGE OR CURRENT BALANCE	CT - CURRENT TRANSFORMER
	יו אי		// // _{X-X-O}	NORMALLY OPEN (SHOWN) OR NORMALLY CLOSED	62 - TIME DELAY	DIA - DIAMETER DP - DISTRIBUTION PANELBOARD
	ulu -uu-		X-X-U	RESET TIMER CONTACT (X-X-O - DENOTES TIMER SEQUENCE FOR RESET-TIMING-TIMED OUT PERIODS.	64 - GROUND 67 - DIRECTIONAL OVERCURRENT	DPCS - DISTRIBUTED PROCESS CONTROL SYSTEM
		POWER TRANSFORMER		X INDICATES CONTACT CLOSED)	86 - LOCKOUT	ECC - EXTERNAL CONTROL CABINET
					87 - DIFFERENTIAL CURRENT 810 - OVERFREQUENCY	EMH - ELECTRICAL MANHOLE FO - FIBER OPTIC
	$\overset{\mathbf{U}}{\mathbf{r}}$	CONTROL POWER TRANSFORMER		TC NORMALLY OPEN CONTACT WITH TIME DELAY CLOSING (ON DELAY)	81U - UNDERFREQUENCY	FVNR - FULL VOLTAGE NON-REVERSING
	₂₿ ст	CURRENT TRANSFORMER			BF - BREAKER FAILURE DBX - DEAD BUS AUXILIARY	GFCI - GROUND FAULT CIRCUIT INTERRUPTER GND - GROUND
т	$_{2}\mathbf{q}$	(NUMBER DENOTES QUANTITY REQUIRED)			G - DEVICE IN GROUND CIRCUIT	GRS - GALVANIZED RIGID STEEL
' II	🗯 ст	CURRENT TRANSFORMER	*	DELAY CLOSING (OFF DELAY)	GSR - GROUND SENSING IR - INTERPOSING	IPL - INDIANAPOLIS POWER AND LIGHT COMPANY JB - JUNCTION BOX
s	₩	3 PHASE WINDOW TYPE			LOR - LOCKOUT	KVA - KILO-VOLT-AMPERE
				DELAY OPENING (ON DELAY)	N - DEVICE IN NEUTRAL CIRCUIT	LBP - LEAD BASED PAINT
	2 ^	(NUMBER DENOTES QUANTITY REQUIRED)			P - PHASE PSR - PHASE SENSING	LCS - LOCAL CONTROL STATION LCP - LIGHTING CONTROL PANEL
	→ 52 →	MEDIUM VOLTAGE DRAWOUT TYPE CIRCUIT BREAKER		TO NORMALLY OPEN CONTACT WITH TIME DELAY OPENING (OFF DELAY)	X - AUXILIARY	L/L - LEAD/LAG
				LS	CONTROL DEVICES:	LP - LIGHTING PANELBOARD LOR - LOCAL OFF REMOTE
	—	DISCONNECTING OR DRAWOUT DEVICE			DP - DIFFERENTIAL PRESSURE SWITCH	LT - LIGHTING TRANSFORMER
	800 AF/600 AT			F FLOAT SWITCH	F - FLOAT SWITCH	MCC - MOTOR CONTROL CENTER MH - MOUNTING HEIGHT
	<i>≪</i> ≫	LOW VOLTAGE DRAWOUT TYPE POWER CIRCUIT BREAKER			FL - FLOW SWITCH LL - LEVEL SWITCH	MH - MOUNTING HEIGHT MIN - MINIMUM
		800A FRAME AND 600A TRIP		II PRESSURE OR	LS - LIMIT SWITCH	
	100A	LOW VOLTAGE AIR CIRCUIT BREAKER		VACUUM SWITCH	P - PRESSURE SWITCH RDS - REVERSING DRUM SWITCH	O/O - ON/OFF PB - PULL BOX
	TYPE	WITH 100A TRIP			ST - SHUNT TRIP	PLC - PROGRAMMABLE LOGIC CONTROLLER
		2P - TWO POLE			S - SOLENOID VALVE	PT - POTENTIAL TRANSFORMER PVC - POLYVINYL CHLORIDE
	225AF/125AT				T - THERMOSTAT TQ - TORQUE SWITCH	RECEPT - RECEPTACLE
D)		LOW VOLTAGE AIR CIRCUIT BREAKER 225A FRAME AND 125A TRIP	ר	г то	T - TEMPERATURE SWITCH	RST - RESET
)					VIB - VIBRATION SWITCH V - VACUUM SWITCH	RTU - REMOTE TERMINAL UNIT RVSS - REDUCED VOLTAGE SOLID
	225AF/150AT		LOR		XS - TAMPER SWITCH	STATE STARTER
		WITH COORDINATED CURRENT LIMITING FUSES - 225A FRAME AND 150A TRIP			A METER, INSTRUMENT OR INSTRUMENT SWITCHES:	SCCR - SHORT CIRCUIT CURRENT RATING
IG				LATCHING RELAY WITH CLEARING CONTACTS	A - AMMETER	SP - SPARE TB - TERMINAL BOX
IT LOAD	\square \square \square	KEY INTERLOCK - DASHED LINE WITH		LATCHING RELAT WITH CLEARING CONTACTS	AS - AMMETER SWITCH AT - CURRENT TRANSDUCER	TCM - TRIP COIL MONITOR
	┯╶┯╶┯ ╘ <mark>╾</mark> ┙┙	ARROWS INDICATES MOVEMENT OF KEY DURING INTERLOCK PROCEDURE			CS - BREAKER CONTROL SWITCH	TCP - TEMPERATURE CONTROL PANEL TTC - TELEPHONE TERMINAL CABINET
					DT - DUTY TRANSFER SWITCH FPR - FEEDER PROTECTION RELAY	TVSS - TRANSIENT VOLTAGE SURGE SUPPRESSOR
		FULL VOLTAGE MAGNETIC COMBINATION	│	SELECTOR SWITCH	LPR - LINE PROTECTION RELAT	TWSH - TWISTED SHIELDED
		STARTER WITH MOTOR CIRCUIT	│		MMS - MICROPROCESSOR METERING SYSTEM	TYP-TYPICAL V-VOLTS
	-3€ 7 ®	PROTECTOR, CONTROL TRANSFORMER		NORMALLY OPEN PUSHBUTTON	MPR - MOTOR PROTECTION RELAY MSH - MOTOR SPACE HEATER	
	{ Č	AND OVERLOAD RELAYS (M - OPERATING COIL)			PF - POWER FACTOR METER	XP - EXPLOSION-PROOF
		``````````````````````````````````````		NORMALLY CLOSED PUSHBUTTON	POT - POTENTIOMETER SI - SPEED INDICATOR	
	¦>	FULL VOLTAGE MAGNETIC COMBINATION			SS - SELECTOR SWITCH	
	r <del>  }</del> ⊱₁	REVERSING STARTER WITH MOTOR		PUSHBUTTON STATION (ONE, TWO OR THREE UNIT)	TM - ELAPSED TIME METER TMR - TIMER	
		CIRCUIT PROTECTOR, CONTROL TRANSFORMER AND OVERLOAD RELAYS	$   - \overline{\mathbb{R}}$	INDICATING LIGHT	V - VOLTMETER	
	놥®	(F - FORWARD, R - REVERSE)		(A-AMBER, B-BLUE, G-GREEN, R-RED, W-WHITE)	VAR - VARMETER VART - VARS TRANSDUCER	
	، ک			THERMAL OVERLOAD ELEMENT (OL)	VART - VARS TRANSDUCER VS - VOLTMETER SWITCH	
	l.			ON-OFF SWITCH	VT - VOLTAGE TRANSDUCER	
	þ	FULL VOLTAGE MAGNETIC COMBINATION		RESISTOR	W - WATTMETER WH - WATTHOUR METER	
	<u>ا</u> يد ا	TWO SPEED STARTER WITH MOTOR CIRCUIT PROTECTOR, CONTROL			WHD - WATTHOUR DEMAND METER	
	<del>†</del> ⊕	TRANSFORMER AND OVERLOAD RELAYS		FUSE	WT - WATTS TRANSDUCER ZT - POSITION TRANSMITTER	
	ŧţŪ	(H - HIGH, L - LOW, F - FAST, S - SLOW)	+1.1.1 -			
	र्द '	S - SLOW)		BATTERY		
	1				L	
	¦>	REDUCED VOLTAGE MAGNETIC COMBINATION		HEATING ELEMENT		
	┎┈┼劣╘┑	AUTOTRANSFORMER STARTER WITH MOTOR	PULL ON PUSH OFF			
	Ţ [™] <del> </del> -®-	CIRCUIT PROTECTOR, CONTROL TRANSFORMER AND OVERLOAD RELAYS		MAINTAINED CONTACT PUSHBUTTON		
R	Į _₽ _ ®-	(R - RUN, TR - TIMER,		WITH MUSHROOM HEAD OPERATOR		
	· ۲	1S & 2S - TRANSITION)				
	l,		HAND OFF AUTO			
	Ĺ	SOLID STATE REDUCED VOLTAGE		SELECTOR SWITCH X INDICATES CONTACT		
	SOLID STATE STATER	COMBINATION STARTER WITH MOTOR CIRCUIT PROTECTOR AND CONTROL		CLOSED IN CORRESPONDING SWITCH		
	STARTER	TRANSFORMER		POSITION		
	$\sim$		I ^I _{хоо}			
	5	MOTOR - THREE PHASE				
	$\bigcirc$	(NUMBER DENOTES HORSEPOWER)	CCS	CURRENT SENSOR TRIP SWITCH		
			NOTES:			
				RAL LEGEND PROVIDED TO FACILITATE USE OF THE ELECTRICAL		

	SCALE	CITY OF RICHMOND, VIRGINIA DEPARTMENT OF PUBLIC UTILITIES	(SI)
	NO SCALE	RICHMOND FIRE DEPARTMENT	*
EVISION DESCRIPTION			1

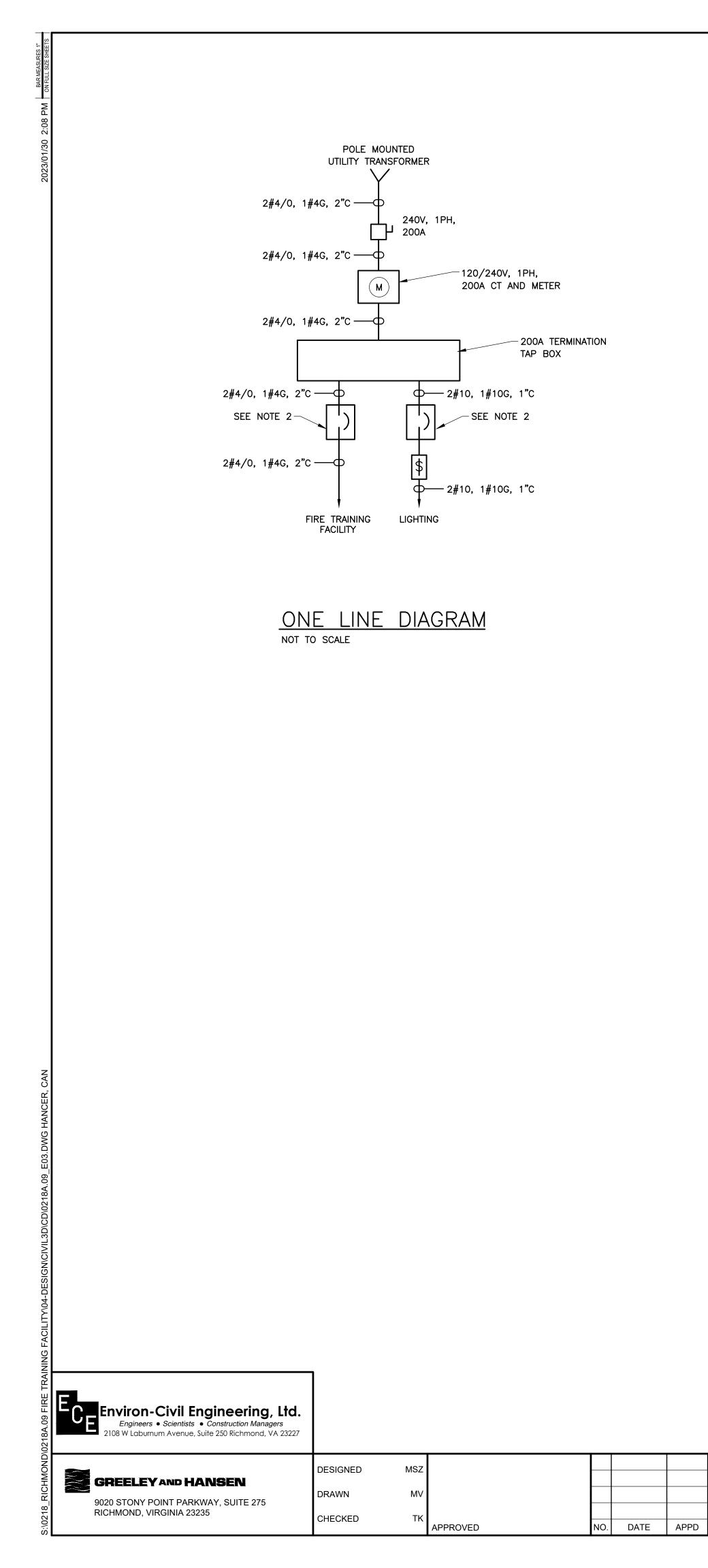
RICHM	ELECTRICAL	PROJECT NC	0.: 0218A-09		
****		DWG:	E1		
		SHEET:	23 O	F 25	1
SHED	ELECTRICAL SYMBOLS AND ABBREVIATIONS	DATE:	JANUARY 2023	REV:	0

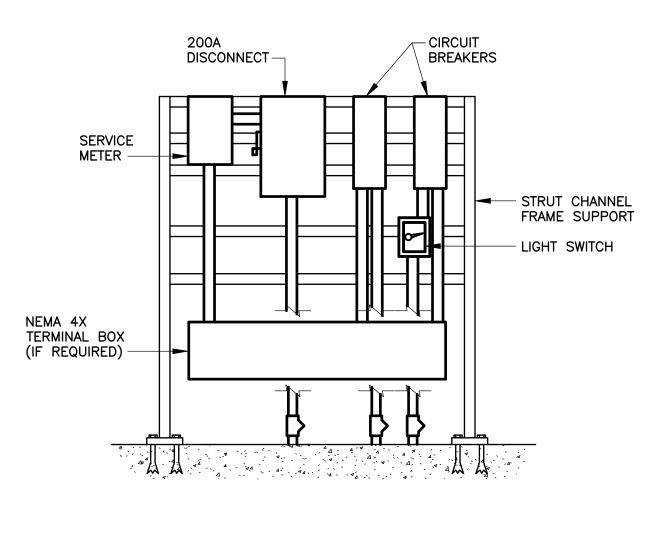


NOTES:

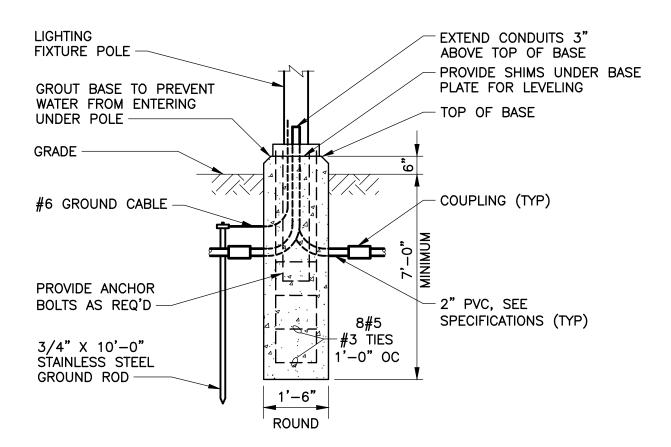
- 1. ROUTE 2#4/0, 1#4G, 2"C AND 1" SPARE CONDUIT FROM FIRE TRAINING FACILITY BREAKER TO NEW BUILDING. CONCRETE ENCASE CONDUITS UNDER COVERED AREAS. STUB CONDUITS UP FOR CONNECTION TO NEW BUILDING DISCONNECT BY OTHERS. PRIOR TO INSTALLATION OF CONDUITS COORDINATE LOCATION OF BUILDING DISCONNECT WITH BUILDING MANUFACTURER.
- 2. PROVIDE GROUND ROD AT CORNER OF BUILDING FOR GROUNDING OF NEW BUILDING. FIELD COORDINATE LOCATION OF GROUND ROB PRIOR TO INSTALLATION.
- 3. HOLOPHANE PREDATOR FLOOD LIGHT WITH TENON SLIP FITTER KNUCKLE AND 25FT ROUND TAPERED ALUMINUM POLE AND BULLHORN BRACKET. BLACK FINISH FOR FIXTUE, POLE AND APPURTENANCES. MODEL # PMLED P5 40K MVOLT 65 KM BKSDP NPR WL RTA 25 70E PLN NDR BK ABG BCV BR896 BK ASSY16589 OR APPROVED EQUAL.
- 4. AMERICA ELECTRIC LIGHTING COBRA HEAD LIGHT WITH TYPE II OPTICS WITH A 25' ALUMINUM ROUND TAPERED POLE AND UMR ARM.BLACK FINISH FOR FIXTURE, POLE AND APPURTENANCES. MODEL # ATBOP303 MVOLT R2 BK UMRBK NR RTA 25 60E PLN NDR DK ABG BR1061 BK ASSY16671 OR APPROVED EQUAL.

CHAT	ELECTRICAL		PROJECT NO.: 0218A-09		
· · · · ·		DWG:	E2		
13/		SHEET:	24 O	F 25	
HED	ELECTRICAL SITE PLAN	DATE:	JANUARY 2023	REV:	











	SCALE	CITY OF RICHMOND, VIRGINIA DEPARTMENT OF PUBLIC UTILITIES	S
EVISION DESCRIPTION	NO SCALE	RICHMOND FIRE DEPARTMENT TRAINING FACILITY	*****

### NOTES:

- 1. 200A CIRCUIT BREAKER, NEMA 4X ENCLOSURE.
- 2. 30A CIRCUIT BREAKER, NEMA 4X ENCLOSURE.
- 3. PROVIDE CONCRETE BASE FOR UNISTRUT STRUCTURE. UNISTRUT AND ALL HARDWARE TO BE STAINLESS STEEL.

