

#### Charlotte-Mecklenburg Planning, Design, & Development

**DATE:** January 10, 2019

TO: Donald Moore Zoning Supervisor FROM: Taiwo Jaiyeoba Planning Director

SUBJECT: Administrative Approval for Petition No. 1988-035 Hebron Street Extension Site

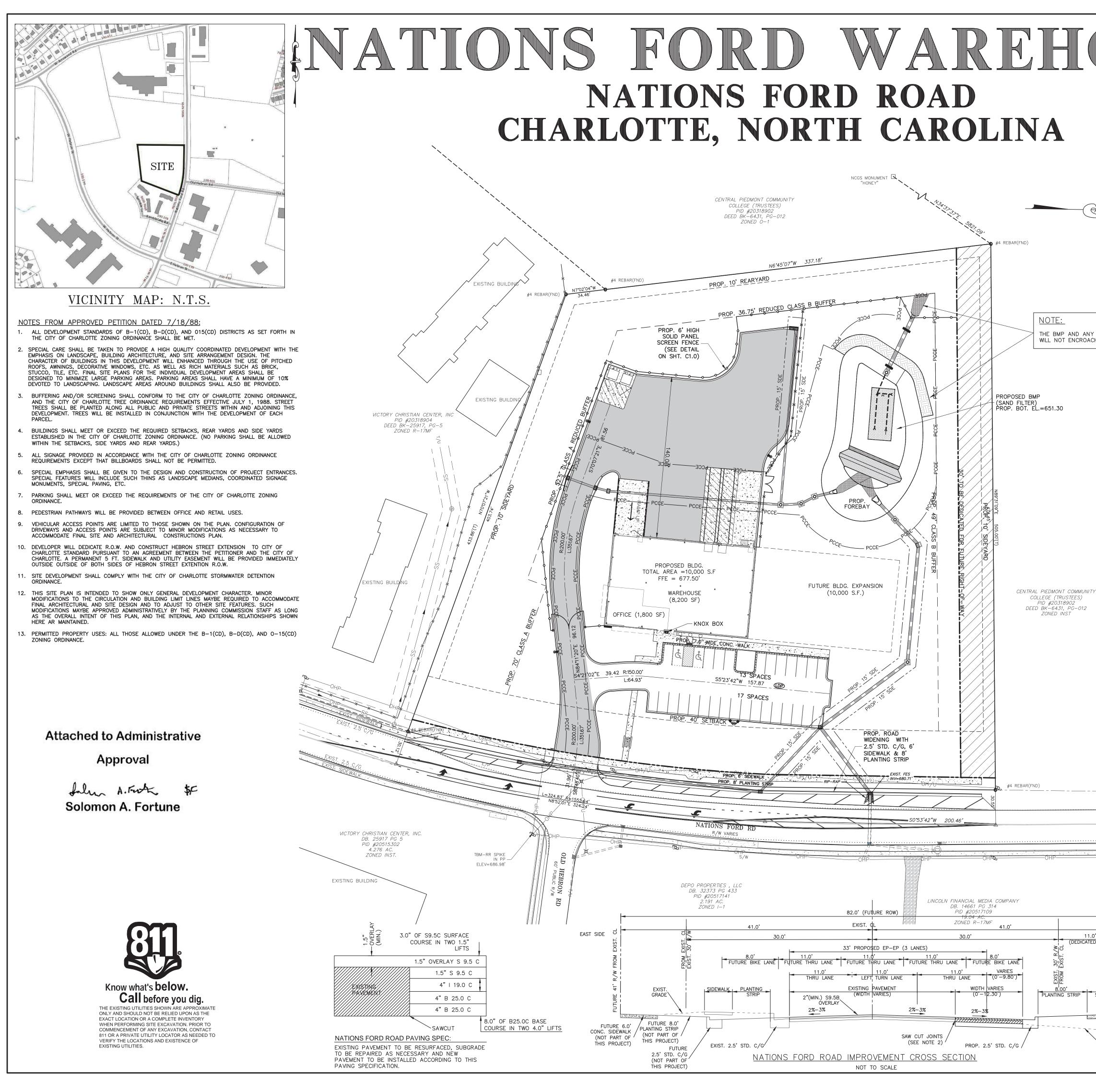
Attached is the revised site plan for the petition above. This request allows the modification of the proposed site plan as listed below. Since these changes do not alter the intent of the development and meets the requirements of the Charlotte Zoning Ordinance Section 6.207 <u>Alterations to Approval</u>, minor changes, I am administratively approving this plan. Please use these plans when evaluating requests for building permits and certificates of occupancy.

- Site Plan
- Building Elevations

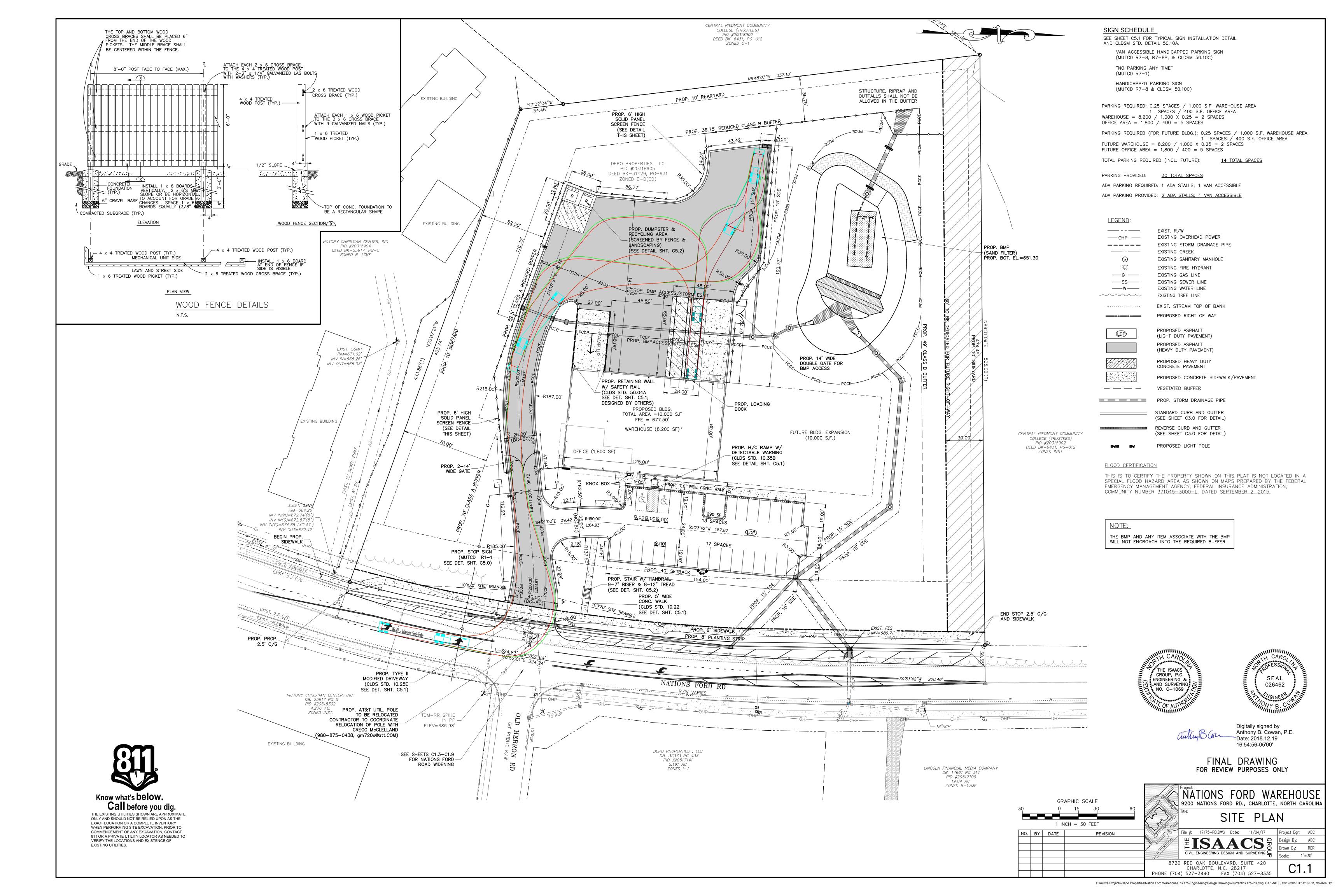
Staff supports of the request because:

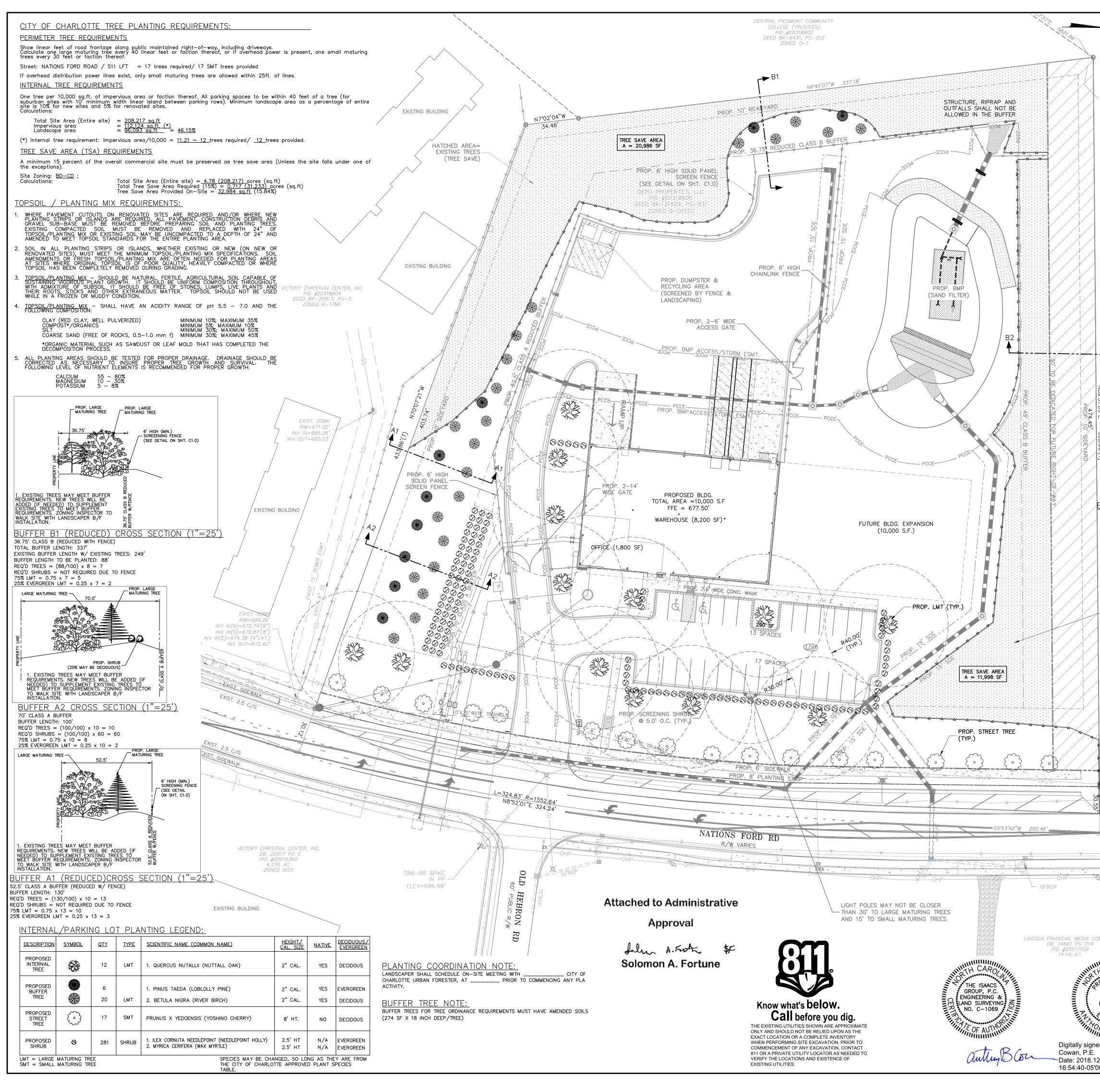
• The site plan complies with the conditional notes and still meets the intent of the original approval by the City Council.

## Note: All other Zoning, Subdivision, Tree Ordinances and conditional requirements still apply.



	DEVELOMENT DATA
	PROJECT NAME:NATIONS FORD WAREHOUSE OWNER/AGENT:DEPO PROPERTIES, LLC
	OWNER/AGENT:DEPOPROPERTIES, LLC JURISDICTION:CITY_OF_CHARLOTTE
	BD-CD PETITION NO.:1988-035(ORIGINAL)/RZAAMI-2018-00062(ADMIN AMENDMENT) PROPOSED USE: OFFICE (±1,800 SF) & WAREHOUSE (±8,200 SF)
	TAX PARCEL #: 20318905 LOT SIZE: 4.78 ACRES
	CURRENT LAND USE: <u>VACANT AND UNIMPROVED</u> WATERSHED: <u>SUGAR</u>
	MAX. BUILDING HEIGHT ALLOWED: <u>40'</u> STORIES: <u>1</u> BUILDING HEIGHT FROM FFE: <u>30'-4"</u>
	BUILDING HEIGHT (FROM AVE. GRADE LINE): <u>32'-4"</u> PROP. GROSS FLOOR AREA: <u>10,000</u> SQ. FEET (PER BUILDING PLANS)
	BUILDING TYPE: <u>COMMERCIAL</u> LOT TYPE: <u>COMMERCIAL</u>
	PROPOSED BUA: <u>79,628/1.828</u> SQ. FEET/ACRES FLOOR AREA RATIO: (10,000 SF)/(218,217 SF) = 0.0458
	FUTURE FLOOR AREA RATIO: (10,000 SF)/(208,217 SF) = 0.0458
	TOTAL FLOOR AREA RATIO: = 0.0916 ; ALLOWED FLOOR AREA RATIO: = 0.70 YARD REQUIREMENTS:
	SETBACK (FRONT): <u>40</u> FT. FROM R/W SIDE YARD (L): <u>10</u> FT. SIDE YARD (R): <u>10</u> FT.
	REAR YARD: 10 FT. REQUIRED SCREENING:
	NO/YES REAR: NO/YES SIDE (L): NO/YES SIDE (R): NO/YES PARKING: NO/YES LOADING DOCKS: NO/YES
	DUMPSTER: NO/TES UTILITY AREAS: NO/TES PROPOSED NO. OF PHASES: ONE(1)
	ALL SIGNAGE WILL BE APPROVED AND PERMITTED SEPERATELY BY THE CITY OF CHARLOTTE. ALL LIGHTING SHALL BE IN ACCORDANCE WITH ARTICLE 8.26 OF THE ORDINANCE.
	PARKING REQUIRED: 0.25 SPACES / 1,000 S.F. WAREHOUSE AREA
	1 SPACES / 400 S.F. OFFICE AREA WAREHOUSE = 8,200 / 1,000 X 0.25 = 2 SPACES
TITEM ASSOCIATED WITH THE BMP	OFFICE AREA = 1,800 / 400 = 5 SPACES PARKING REQUIRED (FOR FUTURE BLDG.): 0.25 SPACES / 1,000 S.F. WAREHOUSE AREA
CH INTO THE REQUIRED BUFFER.	FUTURE WAREHOUSE = $8,200 / 1,000 \times 0.25 = 2$ SPACES
	FUTURE OFFICE AREA = $1,800 / 400 = 5$ SPACES
	TOTAL PARKING REQUIRED (INCL. FUTURE):     14 TOTAL SPACES       PARKING PROVIDED:     30 TOTAL SPACES
	ADA PARKING REQUIRED: 1 ADA STALLS; 1 VAN ACCESSIBLE
	ADA PARKING PROVIDED: 2 ADA STALLS: 1 VAN ACCESSIBLE
	GENERAL NOTES:
	1. THIS MAP IS NOT A CERTIFIED SURVEY. BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY THE ISAACS GROUP, PC. THE PHYSICAL AND TOPOGRAPHIC DATA PROVIDED IN THESE DRAWINGS HAS BEEN COMPILED BY THE ISAACS GROUP AND THE ENGINEER OF RECORD IN
	SUPPORT OF THIS PROJECT AND CANNOT BE RELIED UPON BY OTHERS.
	2. THE EXISTING UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THIS PLAN AND THE UTILITIES SHOWN ON THIS PLAN MAY NOT BE IN THE EXACT LOCATIONS AS SHOWN. THE ENGINEER ASSUMES NO RESPONSIBILITY
	FOR THE LOCATIONS SHOWN OR ANY OMISSIONS IN SHOWING EXISTING UTILITIES THAT MAY BE WITHIN THE PROJECT AREA. THE CONTRACTOR IS 100% RESPONSIBLE FOR UTILIZING A PRIVATE LOCATOR AND APPROPRIATE UTILITY COMPANIES TO LOCATE THE SIZE, LOCATION, INVERTS,
	DEPTHS AND EXISTENCE OF ALL EXISTING UTILITIES (ELECTRICAL, MECHANICAL, WATER, TELEPHONE, FIBER OPTIC, GAS, ETC.) TO HIS/HER SATISFACTION PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED EXCAVATION SHALL
	BE REPORTED TO THE ENGINEER IMMEDIATELY.
	3. THE UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THIS PLAN; THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING
	UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED EXCAVATION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
	<ol> <li>PROVIDE MINIMUM OF 48 HOUR NOTICE TO OWNER OR REPRESENTATIVE PRIOR TO INTERRUPTION OF ANY EXISTING UTILITY, IF BEING UTILIZED.</li> </ol>
	5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR
-Y	LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GROUND UTILITIES AND STRUCTURES. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE
	UTILITY OWNER. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY NOT IN SERVICE AND WHICH ARE TO BE REPLACED DURING THE COURSE OF CONSTRUCTION MAY BE REMOVED AND LEGALLY DISPOSED OF IF DAMAGED DURING CONSTRUCTION.
	<ol> <li>THE CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING NEAR ALL UNDERGROUND AND OVERHEAD UTILITIES.</li> </ol>
	7. HANDICAP SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH A.D.A STANDARDS AT H/C
	PARKING SPACES SHOWN. 8. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
	9. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION. THESE PERMITS AND APPROVALS
	MAY INCLUDE BUT ARE NOT LIMITED TO GRADING, DEMOLITION, ZONING, BUILDING, DRIVEWAY, DETENTION, SUBDIVISION, SPECIAL USE, SEWER AND WATER.
	SHEET INDEX:
	CO.0 COVER SHEET C1.1 SITE PLAN
	C1.2 LANDSCAPE PLAN C2.0 UTILITY PLAN
	A1-A3 BUILDING ELEVATIONS
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Е/Р с.с.с.с.	THE ISAACS GROUP, P.C. ENGINEERING & SEAL LAND SURVEYING O NO. C-1069
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1         NO.         BY         DATE           3         1         RER 01/03/19	
EXIST. GRADE	CIVIL ENGINEERING DESIGN AND SURVEYING G
	8720 RED OAK BOULEVARD, SUITE 420 CHARLOTTE, N.C. 28217 PHONE (704) 527-3440 FAX (704) 527-8335
	PHONE (704) 527-3440 FAX (704) 527-8335





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	EXIST. TREES	13.	REVIEW SO TREES.
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		TRI	EE SAVE
	30. 148, C	20.	<u>TREE_PROTACTIVITY.</u>
BL	JFFER B2 CROSS SECTION (1"=	=25') <sup>21.</sup>	SHOW TREE
	CENTRAL PIEDMONT COMMUNITY COLLEGE (TRUSTEES)	22.	EXPOSED / SHARP PRI FINAL PLA A 10' NO I
	PID #20318902 DEED BK-6431, PG-012 ZONED INST	23.	TREE SAVE INVASIVE F CO.
		24.	THE AREA REQUIREME
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		26. 27.	NO STRUC
	HATCHED AREA= EXISTING TREES (TREE SAVE)		ARBORIST
		28.	CONTACT BUILDING INCLUDING TREE DRIP CRANES.
		29.	TO CALL F LEAST 3 D HTTP://CH CERTIFICAT
		30.	VISIT CITY
		(B)	FER PLANTII ALL TREES NTING;
A.		FÉÉ	SHRUBS SH T TO BE EX IVE STANDAR (I) SHRUB

DTTE URBAN FORESTRY -

LANTING AND PRESERVATION REQUIREMENTS

KISTING TREES USED TO MEET PLANTING REQUIREMENTS MUST BE VERIFIED FOR HEALTH/CONDITION AND MUST BE CTED DURING CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE A HEALTH/CONDITION INSPECTION WITH URBAN STRY SPECIALIST IN CONJUNCTION WITH THE REQUIRED PRECONSTRUCTION MEETING WITH URBAN FORESTRY STAFF. XISTING TREES DETERMINED TO BE IN POOR CONDITION ARE REQUIRED TO BE REPLACED.

<u>ATERIAL</u> M TREE SIZE AT PLANTING IS 2" CALIPER AND 8' TALL FOR SINGLE-STEM TREES. ALL MULTI-STEM PLANTS MUST REE FORM, MAXIMUM 3 TO 5 TRUNKS, AND MINIMUM 10' TALL. WHERE 3" SINGLE-STEM CALIPER TREES ARE IED/REQUIRED THE MINIMUM HEIGHT SHALL BE 10' TALL, IF MULTI-STEM TREES ARE SPECIFIED THEN THEY SHALL MINIMUM OF 12' TALL.

- NEW TREES MUST HAVE <u>STRAIGHT TRUNKS WITH STRONG CENTRAL LEADERS INTACT TO THE TOP OF THE CROWN</u> SS MULTI-STEM TREES ARE SPECIFIED. ALL REQUIRED TREES SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, NORMAL GROWTH HABITS, HAVE WELL-DEVELOPED BRANCHES, BE VIGOROUS AND HAVE FIBROUS ROOT SYSTEMS. S WITH CO-DOMINANT BRANCHING WILL NOT BE ACCEPTED. TREES THAT HAVE BEEN SHEARED, TOPPED OR CUT O MULTIPLY THE BRANCHING STRUCTURE WILL NOT BE ACCEPTED. TREES SHALL BE FREE OF ABRASIONS E, DISEASE, PESTS AND CRACKS. ALL PRUNING CUTS GREATER THAN ½ INCH DIAMETER SHALL HAVE CALLUS FORMED PRIOR TO PLANTING. NO PRUNING CUT ON THE TRUNK SHALL BE MORE THAN ONE-HALF THE DIAMETER CENTRAL LEADER AT THE HEIGHT WHERE THE CUT WAS MADE. ROOT FLARES SHALL BE LOCATED AT GRADE. WITH MORE THAN 2" OF SOIL COVERING THE ROOT BALL/FLARE FROM WILL NOT BE ACCEPTED (CLDS.40.09).
- OF REQUIRED PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 ST EDITION) AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, EXCEPT WHERE IED/AUTHORIZED BY URBAN FORESTRY.
- QUIRED TREES OF A PARTICULAR SPECIES AND VARIETY SHALL BE UNIFORM IN SIZE AND CONFIGURATION.
- TER TREES IN URBAN ZONES SHALL BE 3" IN CALIPER AND BE FREE OF BRANCHES UP TO 6' FROM THE TOP OF CROWN (BALL).
- MUM OF 50% OF NEW TREES MUST BE NATIVE SPECIES, AND SITES WITH MORE THAN 20 TREES REQUIRED WILL TO INSTALL MULTIPLE (3 OR MORE) SPECIES PURSUANT TO THE TREE ORDINANCE GUIDELINES. F REQUIRED TREES MUST BE LARGE MATURE SPECIES EXCEPT IN SITUATIONS WITH OVERHEAD POWER LINE

## <u>REQUIREMENTS</u>

- CLDS 40.01 & 40.09 (ON PLAN) FOR DETAILED TREE PLANTING REQUIREMENTS.
- C HOSE PARTS WILL NOT BE ACCEPTED FOR TREE STAKING. SEE CLDS 40.01 FOR APPROVED STAKING D/MATERIALS.
- IRAPPING AND TOP 1/3 OF WIRE BASKET AND BURLAP MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PLANTING.
- IEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS; REMOVE CTED SOIL AND ADD 18" NEW TOPSOIL, OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET L/PLANTING MIX STANDARDS FOR TREES (WITHIN ENTIRE MINIMUM AREA OF 274 SQUARE FEET PER LARGE TREE AND 200 SQUARE FEET PER SMALL MATURE TREE).
- PLANTED ON PUBLIC PROPERTY WILL NEED APPROVAL FROM THE CITY ARBORIST AND/OR NCDOT.
- SOIL REQUIREMENTS IN THE TREE ORDINANCE GUIDELINES AT: <u>HTTP://LANDPERMITS.CHARMECK.ORG</u> THEN CLICK

### <u>SSUES</u>

- UTILITY IS BEING INSTALLED IN OR NEAR ANY REQUIRED TREE(S) OR TREE SAVE AREA(S), CALL URBAN TER TO RESOLVE PRIOR TO UTILITY INSTALLATION. MATURING TREES MAY NOT BE PLANTED WITHIN 25' OF OVERHEAD POWER DISTRIBUTION OR TRANSMISSION LINES.
- ES CONFLICT WITH POWER LINES OR SIGNS, CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
- TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES.
- HT POLES, UTILITY POLES OR TRANSFORMERS CAN BE INSTALLED IN TREE ISLANDS.
- RCIAL SCALE LIGHTING (> 15' IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 30' FROM A TREE. PEDESTRIAN LIGHTING ( $\leq$  15' IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 15' FROM A TREE. SHOW SITE LIGHTING ON CAPE PLAN

### VE AND PRESERVATION

ROTECTION MUST BE INSTALLED AND VERIFIED BY URBAN FORESTRY PRIOR TO STARTING ANY CONSTRUCTION

#### TREE PROTECTION AND TREE SAVE AREA ON EROSION CONTROL, GRADING AND LANDSCAPE SHEETS. D AVOID EXPOSING THE TREE ROOTS. IN THIS CASE, THE ROOTS MUST BE CUT WITH A SHARP CUT WITH A

PRUNING TOOL; FILL THE MATERIAL TO MINIMIZE EXPOSURE TO AIR TREE SAVE AREAS MUST BE RECORDED ON A PLAT WITH THE MECKLENBURG COUNTY REGISTER OF DEEDS BEFORE URBAN FORESTRY HOLDS CAN BE RELEASED. NO BUILD ZONE AROUND TREE SAVE AREAS MUST BE REFERENCED ON THE PLAT.

- SAVE AREAS SHALL BE FREE OF INVASIVE PLANT SPECIES. IF AN AREA PROPOSED FOR TREE SAVE CONTAINS VE PLANT SPECIES AT TIME OF PROPOSAL, SUCH INVASIVE PLANT SPECIES SHALL BE REMOVED PRIOR TO FINAL
- REA OF ANY EASEMENTS (WATER, SEWER, UTILITY, ETC.) CAN NOT BE COUNTED TOWARD THE TREE SAVE
- LTERATIONS TO TREE SAVE AREAS MUST BE ACCOMPLISHED WITHOUT MECHANIZED EQUIPMENT.
- RUCTURE WILL BE ALLOWED WITHIN 10' OF TREE SAVE AREAS UNLESS APPROVED BY URBAN FORESTRY.
- REES ON PUBLIC PROPERTY/ROW ARE PROTECTED BY LAW AND REMOVAL MUST BE PERMITTED BY THE CITY RIST (704)336-4262.
- CT URBAN FORESTRY SPECIALIST PRIOR TO ANY CRANE SET-UP, MACHINERY OPERATION OR TEMPORARY IG ERECTION THAT MAY IMPACT CHARLOTTE TREE ORDINANCE, PROTECTED TREES OR TREE SAVE AREAS, TREES LOCATED IN A RIGHT OF WAY. IMPACTS MAY INCLUDE BUT ARE NOT LIMITED TO: ENCROACHING WITH DRIP-LINES, EXCAVATION, SOIL COMPACTION, TREE TRIMMING, ERECTING AND DISMANTLING OF CONSTRUCTION
- LL FOR AN INSPECTION OF TREE PROTECTION FOR THIS AREA, CALL MIRIAM CATTABRIGA 704-571.5664, AT 3 DAYS IN ADVANCE. FOR AN URBAN FORESTRY FINAL INSPECTION GO ON A WEBSITE: //CHARLOTTENC.GOV/LD/PAGES/CITY-OF-CHARLOTTE-COMMERCIAL-PROJECT-CATE-OF-OCCUPANCY-HOLD-RELEASE-FORM.ASPX
- CITY OF CHARLOTTE'S LAND DEVELOPMENT WEBSITE: <u>HTTP://LANDPERMITS.CHARMECK.ORG\_</u>FOR ADDITIONAL IATION AND FOR CHARLOTTE TREE ORDINANCE REQUIREMENTS HTTP://CHARLOTTENC.GOV/LD THEN CLICK TREES.

#### ANTING REQUIREMENTS (CHARLOTTE ZONING ORDINANCE CHPT. 12, SECTION12.302) EES SHALL HAVE A MINIMUM CALIPER OF 2 INCHES MEASURED 6 INCHES ABOVE GROUND AT THE TIME OF

SHALL BE EVERGREEN AND AT LEAST 21/2 FEET TALL WHEN PLANTED WITH AN AVERAGE HEIGHT OF 5 TO 6 EXPECTED AS NORMAL GROWTH WITHIN FOUR YEARS. HOWEVER, 25% OF THE SHRUBS MAY VARY FROM THE NDARD. THE ALLOWED VARIATIONS ARE AS FOLLOWS: IRUBS MAY BE DECIDUOUS: OR

(ii) SHRUBS MAY BE 2 FEET TALL WHEN PLANTED, PROVIDED AN AVERAGE HEIGHT OF 3 TO 4 FEET IS EXPECTED AS NORMAL GROWTH WITHIN FOUR YEARS.

SHRUBS PLANTED ON A BERM MAY BE OF A LESSER HEIGHT, PROVIDED THE COMBINED HEIGHT OF THE BERMS AND PLANTINGS IS AT LEAST 6 FEET AFTER 4 YEARS;

(D) SHRUBS AND TREES SHALL BE ON THE APPROVED PLANT SPECIES LIST IN THE "APPROVED PLANT SPECIES" MATRIX IN THE CHARLOTTE LAND DEVELOPMENT STANDARDS MANUAL;

(E) ALL SPECIFICATIONS FOR THE MEASUREMENT, QUALITY, AND INSTALLATION OF TREES AND SHRUBS SHALL BE IN ACCORDANCE WITH THE "AMERICAN STANDARDS FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, AND FREE OF DISEASE; AND

(F) TWENTY-FIVE PERCENT OF ALL TREES WITHIN THE BUFFER SHALL BE EVERGREEN.

(10) GUIDELINES FOR LANDSCAPING BUFFERS ARE AS FOLLOWS: (A) THE ARRANGEMENT OF TREES AND SHRUBS IN THE BUFFER AREA SHALL BE DONE IN A MANNER THAT PROVIDES A VISUAL SEPARATION BETWEEN ABUTTING LAND USES. SHRUBS SHALL BE MASSED IN ROWS OR GROUPS TO ACHIEVE THIS MAXIMUM SCREENING EFFECT; AND (B) GUIDELINES FOR THE ARRANGEMENT OF PLANT MATERIALS ARE ILLUSTRATED IN FIGURES 12.302.

) IN THE EVENT THAT IT CAN BE DEMONSTRATED THAT EXISTING VEGETATION MEETS THE INTENT OF THIS SECTION, BUT THE PLANT MATERIALS ARE NOT ON THE APPROVED LIST, THE ZONING ADMINISTRATOR MAY WAIVE THE REQUIREMENTS FOR PLANT MATERIALS. IF A PLANT MATERIAL IS NOT ON THE APPROVED LIST, THE ZONING ADMINISTRATOR MAY DETERMINE WHETHER IT IS ACCEPTABLE

P:\Active Projects\Depo Properties\Nation Ford Warehouse 17175\Engineering\Design Drawings\Current\17175-PB.dwg, C1.2 LANDSCAPE, 12/17/2018 12:00:16 PM, rrovillos, 1:1

LANDSCAPPING NOTES:

1. EXISTING TREES MAY MEET BUFFER REQUIREMENTS. NEW TREES WILL BE ADDED (IF NEEDED) TO SUPPLEMENT EXISTING TREES TO MEET BUFFER REQUIREMENTS. ZONING INSPECTOR TO WALK SITE WITH LANDSCAPER B/F INSTALLATION.

2. SPECIES SELECTION WILL BE SELECTED FROM APPROVED LIST SPECIFIED IN THE CITY OF CHARLOTTE ORDINANCE.

3 EXISTING TREES IN BUFFER TO REMAIN AND SHALL BE COUNTED TOWARDS BUFFER REQUIREMENTS

MPANY				3. EXISTIN	G IREES IN BU	JFFER TO	REMAIN AND SH	ALL BE (	COUNTED TO	WARDS BUI	FFER REQUIRE	MENTS.	
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**BACKFLOW NOTES:** 

- NO PERMANENT INSULATION MAY BE INSTALLED ON THE BP ASSEMBLY. IT IS RECOMMENDED THAT HEAT BE PROVIDED FOR ALL ABOVE-GROUND DOMESTIC AND COMBINATION SERVICE BP ENCLOSURES TO PREVENT FREEZE DAMAGE. IRRIGATION BP'S CAN BE WINTERIZED BY DRAINING ALL WATER FROM THEM. ENCLOSURES FOR ABOVE-GROUND BP INSTALLATIONS ON FIRELINES ARE REQUIRED BY THE FIRE PEPT TO BE HEATED (MAINTAIN A MIN. OF 40° F.)
- 2. NO PLASTIC PIPING MATERIAL IS ALLOWED WITHIN 5' OF THE BP ENDS.
- 3. ALL REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED ABOVE-GROUND WITHIN INSULATED ENCLOSURE PER CLTWATER REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORTS FOR DISCHARGE WATER PER CLTWATER REQUIREMENTS.
- A. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLTWATER-REQUIRED BACKFLOW PREVENTER.
- . EACH CLTWATER-REQUIRED BPA IS TO BE TESTED BY A CLTWATER-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE. **CLTWATER NOTES:**
- CUSTOMER IS RESPONSIBLE FOR STAKING SITE AS NECESSARY TO DETERMINE SERVICE LOCATIONS & ELEVATIONS PRIOR TO CLTWATER CONTRACTOR MOBILIZING TO INSTALL SERVICES. SITE ADDRESS MUST BE VISIBLY POSTED AT SITE.
- WATER AND SEWER CONNECTIONS SHALL NOT BE LOCATED WITHIN PROPOSED CONSTRUCTION ENTRANCES.
- ON-SITE CONTRACTOR IS RESPONSIBLE FOR RELOCATED ANY APPLICABLE CONFLICTING UTILITIES NECESSARY TO COMPLETE SERVICE INSTALLATIONS. ADDITIONAL FEES MAY APPLY & CONSTRUCTION TIME LINES EXTENDED IN CONFLICTED UTILITIES ARE NOT SHOWN ON PLANS.
- . PAYMENT FOR A QUOTED SERVICE CONNECTION SHALL BE CONSIDERED ACKNOWLEDGEMENT & APPROVAL OF CLTWATER COMMENTS BY THE APPLICANT; PAYMENT DOES NOT INCLUDE ANY ADDITIONAL FEES REQUIRED DUE TO UNFORESEEN CONDITIONS THAT ARE NOT DEPICTED ON THE SITE PLAN PROVIDED BY THE APPLICANT.
- APPROVAL FOR BACKFLOW REQUIREMENTS IS NOT PART OF THIS REVIEW. BACKFLOW PREVENTION REVIEW ENTAILS PLAN SUBMITTAL VIA MECKLENBURG COUNTY'S CODE ENCORCEMENT PERMITTING PROCESS AT THE TOME OF APPLICATION OF BUILDING PERMITS BACKFLOW PROGRAM REQUIREMENTS ARE AVAILABLE HTTP://CHARLOTTENC.GOV/WATER/PAGES/BACKFLOWCONSTRUCTIONGUIDELINES.ASPX. PLEASE CONTACT MARK KROUSE AT (704) 432-5800 FOR MORE INFORMATION. ANY REVISION TO THE SERVICE CONFIGURATIONS AND/OR METER LOCATIONS WILL REQUIRE A RE-SUBMITTAL TO BACKFLOW FOR REVIEW.

PROPOSED MATERIAL SPECIFICATIONS:

SEWER LATERAL: PVC - SCH. 40 WATER: PVC (C900), DIP (C-151)

- MATERIAL AND WORKMANSHIP REQUIREMENTS TO BE IN ACCORDANCE WITH CHARLOTTE WATER UTILITY STANDARDS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO: MATERIALS, CONSTRUCTION MEANS AND METHODS, INSPECTION REQUIREMENTS, AND TESTING REQUIREMENTS.
- 2. ALL WATER/SEWER PIPE TO BE PVC UNLESS OTHERWISE SPECIFIED IN THESE PLANS.
- 3. THE CONTRACTOR SHALL PROVIDE MATERIAL SUBMITTALS TO OWNER AND ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

BACKFLOW PREVENTER LEGEND:

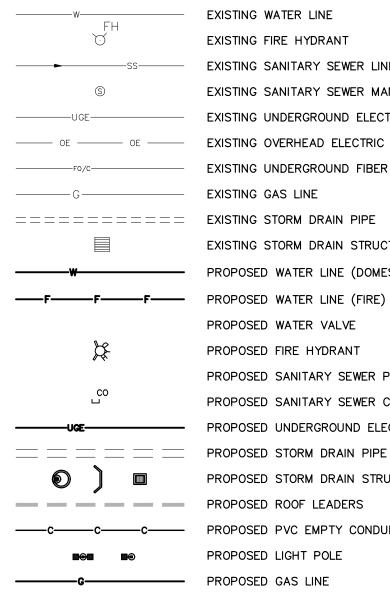
BFP #1: PROPOSED 1" REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY INSTALLED ABOVE-GROUND WITHIN INSULATED ENCLOSURE PER CLTWATER REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORT(s) FOR DISCHARGE WATER PER CLTWATER REQUIREMENTS.

BFP #2: PROPOSED 4" REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY INSTALLED ABOVE-GROUND WITHIN INSULATED ENCLOSURE PER CLTWATER REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORT(s) FOR DISCHARGE WATER PER CLTWATER REQUIREMENTS.

BFP #3: PROPOSED 5/8" REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY INSTALLED ABOVE-GROUND WITHIN INSULATED ENCLOSURE PER CLTWATER REQUIREMENTS. ENCLOSURE TO INCLUDE DRAIN PORT(s) FOR DISCHARGE WATER PER CLTWATER REQUIREMENTS.

EXISTING WATER LINE

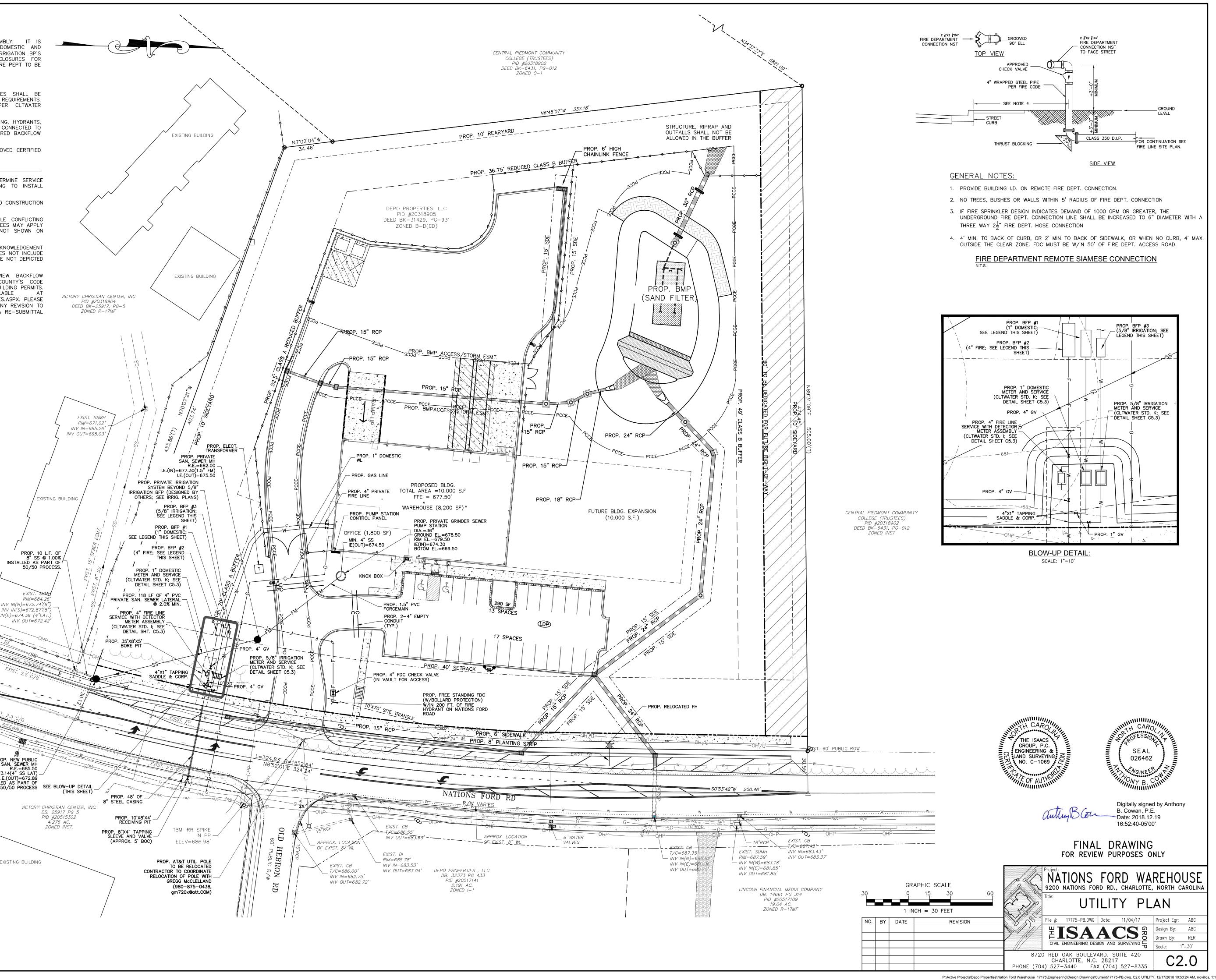
#### UTILITY LEGEND:



EXISTING FIRE HYDRANT EXISTING SANITARY SEWER LINE EXISTING SANITARY SEWER MANHOLE EXISTING UNDERGROUND ELECTRIC EXISTING OVERHEAD ELECTRIC EXISTING UNDERGROUND FIBER OPTIC EXISTING GAS LINE EXISTING STORM DRAIN STRUCTURE PROPOSED WATER LINE (DOMESTIC) PROPOSED WATER VALVE PROPOSED FIRE HYDRANT PROPOSED SANITARY SEWER PIPE PROPOSED SANITARY SEWER CLEANOUT PROPOSED UNDERGROUND ELECTRIC PROPOSED STORM DRAIN PIPE PROP. NEW PUBLIC SAN. SEWER MH R.E.=685.50 I.E.(IN)=673.14(4<sup>\*\*</sup>, SS\_LAT) -PROPOSED STORM DRAIN STRUCTURE PROPOSED ROOF LEADERS PROPOSED PVC EMPTY CONDUIT PROPOSED LIGHT POLE PROPOSED GAS LINE



Know what's below. **Call** before you dig. THE EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD NOT BE RELIED UPON AS THE EXACT LOCATION OR A COMPLETE INVENTORY WHEN PERFORMING SITE EXCAVATION, PRIOR TO COMMENCEMENT OF ANY EXCAVATION, CONTACT 811 OR A PRIVATE UTILITY LOCATOR AS NEEDED TO VERIFY THE LOCATIONS AND EXISTENCE OF EXISTING UTILITIES.



RIM=684.2

INV IN(N)=672.74'(8")

INV OUT=672.42'

INV IN(S)=672.87'(8")

INV IN(E)=674.38 (4"LAT.

I.E.(OUT)=672.89 INSTALLED AS PART OF

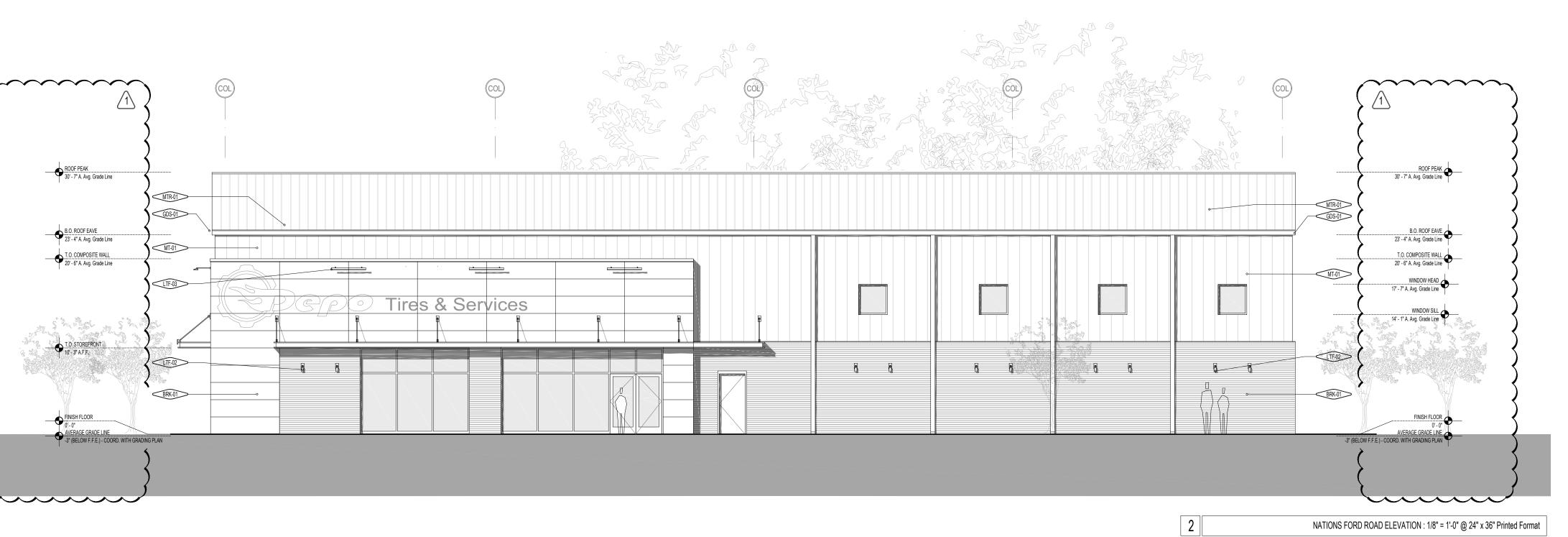
EXISTING BUILDING

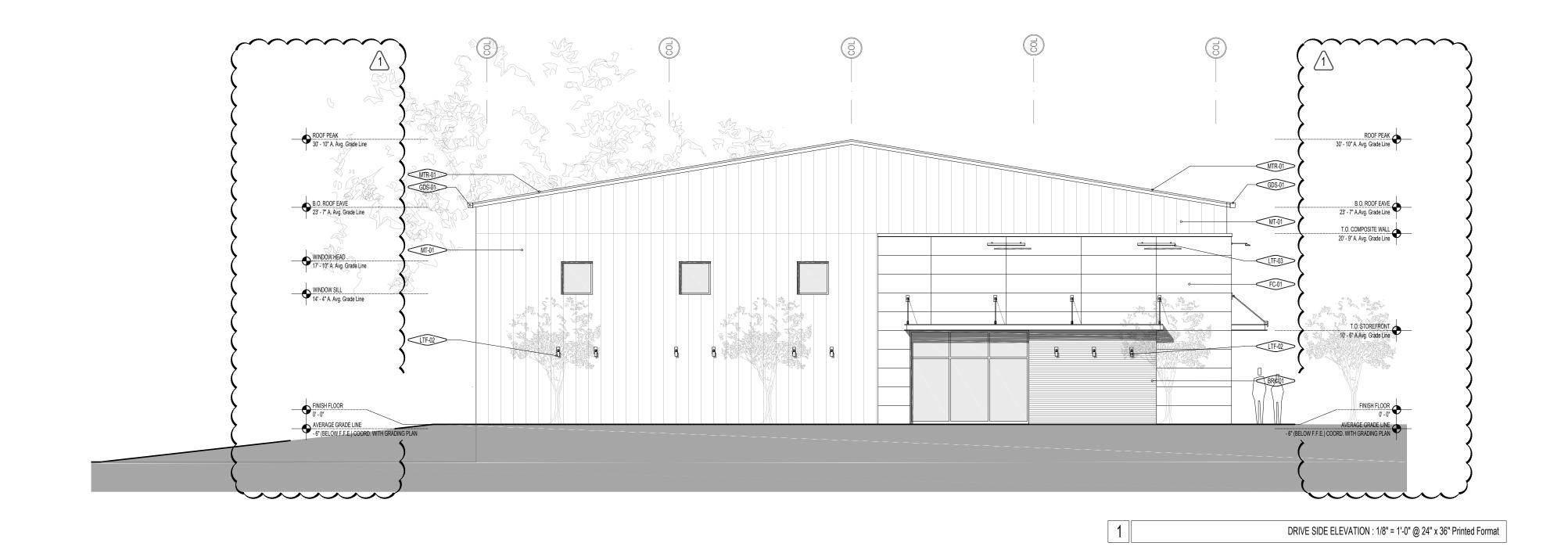
# Attached to Administrative

Approval

Julin A. Froth \$F Solomon A. Fortune

MATERIAL LEG	GEND
MTR-01	PRE-FINISHED STANDING SEAM METAL ROOF SYSTEM: PAC-CLAD STANDING SEAM METAL ROOF SYSTEM (OR EQUAL) MILL FINISH ALUMINUM - KYNAR FINISH. - COLOR TO BE SELECTED FROM PREMIUM COLOR SWATCHES & APPROVED BY ARCHITECT.
GDS-01	PRE-FINISHED METAL DOWNSOUT AND GUTTER SYSTEM: MILL FINISH ALUMINUM - KYNAR FINISH. - COLOR TO BE SELECTED FROM PREMIUM COLOR SWATCHES & APPROVED BY ARCHITECT.
MT-01	PRE-FINISHED RIBBED METAL SIDING SYSTEM: PAC-CLAD STANDING SEAM METAL ROOF SYSTEM (OR EQUAL) MILL FINISH ALLMINUM - KYNAR FINISH. - COLOR TO BE SELECTED FROM PREMIUM COLOR SWATCHES & APPROVED BY ARCHITECT.
LTF-03	EXTERIOR LIGHT FIXTURE TYPE 3: L.E.D DECORATIVE HORIZONTAL DOWNLIGHT. - COLOR SPECIFICATION TO BE SELECTED AND APPROVED BY ARCHITECT
LTF-02	EXTERIOR LIGHT FIXTURE TYPE 2: L.E.D.COMPACT DECORATIVE DOWNLIGHT. - COLOR SPECIFICATION TO BE SELECTED AND APPROVED BY ARCHITECT
LTF-01	EXTERIOR LIGHT FIXTURE TYPE 1: POWDER COATED L.E.D. WALL PACK. - COLOR SPECIFICATION TO BE SELECTED AND APPROVED BY ARCHITECT
FC-01	FIBER-CEMENT BOARD PANEL SIDING SYSTEM: PRE-FINISHED (RAIN SCREEN SYSTEM) -SMOOT FACE 4' x 8' PANELS. - COLOR SPECIFICATION TO BE SELECTED AND APPROVED BY ARCHITECT
BRK-01	BRICK ONE: BORAL USA- CLAY FACE MODULAR- A GRADE UNITS WITH NEOPRENE EXP. JOINTS (ASTDM 1056). CONCAVE MORTAR JOINT PROFILE. UNIT AND MORTAR COLOR TO BE SELECTED BY ARCHITECT.
OHD-01	OVERHEAD DOOR: 'ROLL UP' OVERHEAD DOOR- COORDINATE WITH PLAN FOR WIDTH SPECIFICATION AND COLOR TO BE SELECTED BY ARCHITECT.
SECTIONS.	VITH EXTERIOR BUILDING ELEVATIONS AND WALL SH SPECIFICATIONS AND SAMPLES TO ARCHITECT FOR





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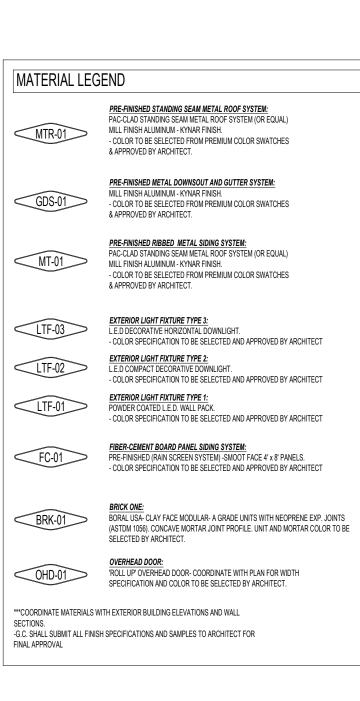
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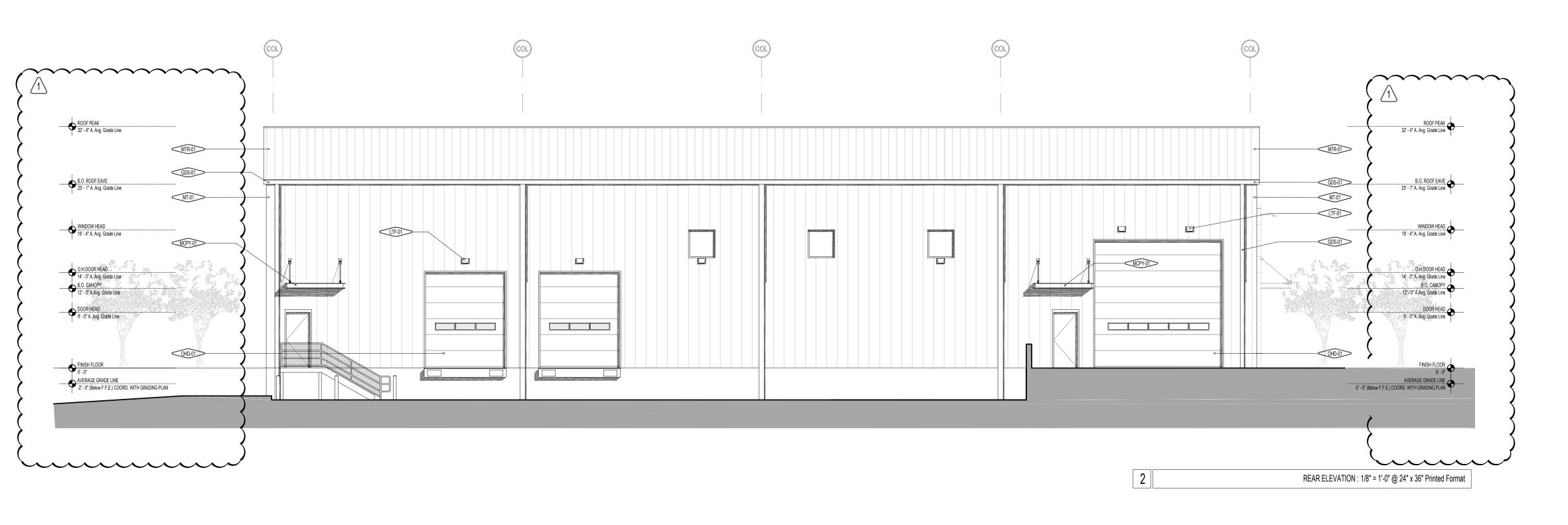
architecture

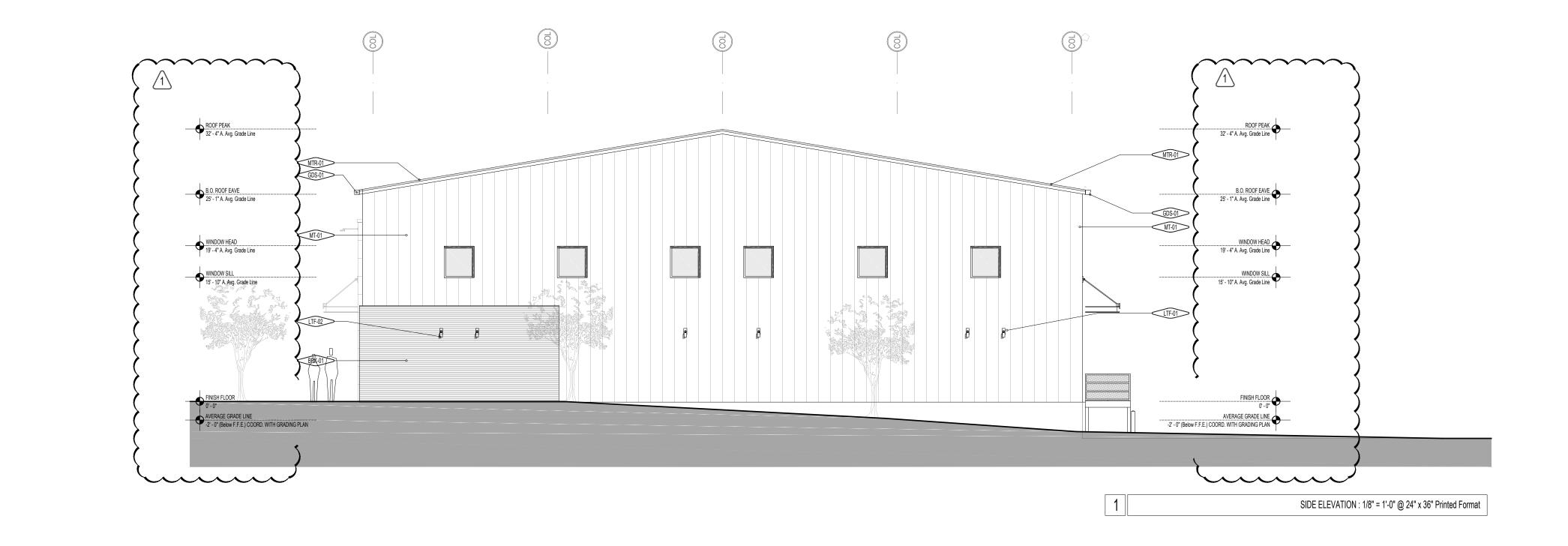
## Attached to Administrative

Approval

Julian A. Fortane \$F Solomon A. Fortune







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