

Town of Cornelius Architectural Review Board

Agenda September 25, 2020 12:00 PM Electronic Meeting via Zoom

1. Call To Order

- A. Zoom Meeting
- 2. Determination of Quorum
- 3. Approval of Minutes
 - A. Approval of June Minutes

4. Review And Recommendation On Agenda Items

A. REZ 03-20 Cain Arts Building

5. Old Business

- 6. New Business
- 7. Next Meeting
- 8. Adjournment

REQUEST FOR BOARD ACTION

💻 Print

Date of Meeting: S

September 25, 2020

To:	Chair and ARB Members

From: Summer Smigelski, Planning Admin.

Action Requested:

The scheduled meeting can be accessed at this link Zoom Meeting

Manager's Recommendation:

ATTACHMENTS:			
Name:	Description:		Туре:
No Attachments Available			

REQUEST FOR BOARD ACTION

💻 Print

Date of Meeting: September 25, 2020

То:	Chair and ARB Members	
From:	Summer Smigelski, Planning Admin.	
Action Requested:		
Review and Approve		
Manager's Recommendation:		
Approval		

ATTACHMENTS:		
Name:	Description:	Туре:
ARB_Minutes_06262020- Draft.docx	June 26th, 2020 Minutes	Backup Material

Minutes TOWN OF CORNELIUS ARCHITECTURAL REVIEW BOARD ELECTRONIC MEETING

June 26th, 2020 12:00 pm

Members Present

David Eve, Chairman Joe Harris, Vice Chair Megan Hoover Recah Harward Teresa Hawkins Rick Kamakaris Members Absent Staff Present

Aaron Tucker, Assistant Planning Director Summer Smigelski, Administrative Assistant Monterai Adams, Planner

Panelists

Jamie Rolewicz Charles Wilber Jay Henson Peter Wasmer David Burn Sharon Huot Chris Boukedes

DETERMINATION OF QUORUM

Chairman Eve called the meeting to order. The meeting of the Architectural Review Board began at 12:02 p.m. He stated that a quorum was present.

APPROVAL OF MINUTES

Mr. Harris made a motion to approve the minutes from February 28th, 2020 Minutes. Mr. Kamakaris second. All in favor and motion approved.

In Favor: Mr. Harris, Mr. Eve, Ms. Hawkins Ms. Hoover, Ms. Harward, Mr. Kamakaris **Opposed:** None

SITE 06-20 Watermark Office Building

Mr. Tucker presented SITE 06-20 Watermark Office Building to the board. The property is located at 19354 Watermark Dr. The tract is zoned village center on the zoning map. The Proposal is to develop the property with one building totaling 13,937 sq. ft. to be used as office space.

See presentation

Mr. Tucker opened for discussion.

The board made the following comments:

- Verify the exit doors
- Show dumpster enclosure

The board made comments on the parking.

After discussion the board agreed to approve the design with edits and asked that the applicants submit the updated elevations electronically.

Mr. Harris made a motion to approve with edits. Ms. Hoover second. All in favor and motion approved.

In Favor: Mr. Harris, Mr. Eve, Ms. Hawkins Ms. Hoover, Ms. Harward, Mr. Kamakaris **Opposed:** None

North Mecklenburg Reginal Recreation Center Mural

Mr. Tucker presented the North Mecklenburg Reginal Recreation Center Mural to the board. The property is currently under construction of the building. The applicants are making progress. One thing that needs to be looked at, at this time is the mural.

See presentation

Mr. Tucker opened for discussion.

The board made the following comments:

- Ms. Hoover likes the building design and the Mural, but the concern is that the two joined take a negative spin on each other.
- Ms. Harward likes the design but asked to look at adding a border to bring both the building and Mural together.
- Material and Lighting concerns
- Look at bringing the Mural down further

After discussion the board agreed to approve the design with comments being considered.

Mr. Harris made a motion to approve with comments being considered. Mr. Kamakaris second. All in favor and motion approved.

In Favor: Mr. Harris, Mr. Eve, Ms. Hawkins Ms. Hoover, Ms. Harward, Mr. Kamakaris Opposed: None

Boatyard Eats Mural

Mr. Tucker presented two Mural options provided by the applicants of Boatyard Eats.

See presentation

Mr. Tucker opened for discussion.

The board made the following comments:

- Great location
- Like the idea
- Do not like words over the lake
- Letters do not have to go across the entire wall.

- Concern with the type of paint •
- The board would like to see the size with the measurements. •
- Do not like adding "Cornelius" and "Lake Norman" both
- Pull sidewalk back from wall •
- Need to provide better landscape view •

After discussion the board agreed to have the applicant bring back to the board.

<u>Next Meeting</u> Friday, July 24th, 2020

ADJOURNMENT The meeting ended at 1:07 p.m.

REQUEST FOR BOARD ACTION

📇 Print

Date of Meeting: Se

September 25, 2020

To:

Architectural Review Board Members

From:

Aaron Tucker, Planning Director

Action Requested:

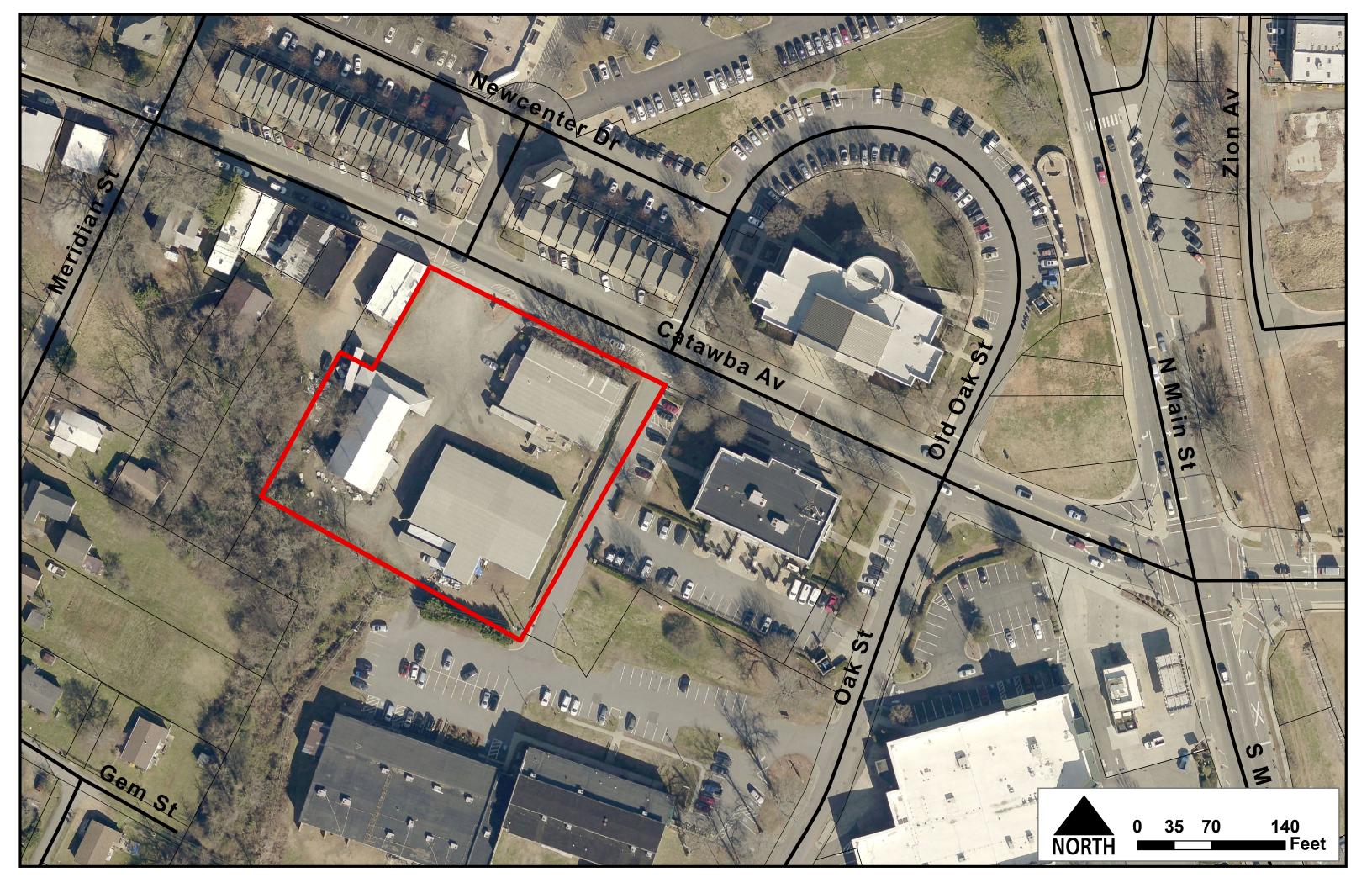
The Town of Cornelius has initiated the process to rezone 1.7 acres of Town-owned property from Town Center Zoning to Conditional Zoning to construct a 30,000 square foot, performing and visual arts center with a 400-seat theatre. The proposed building is also known as the Cain Center for the Arts. The existing buildings on the site will be demolished.

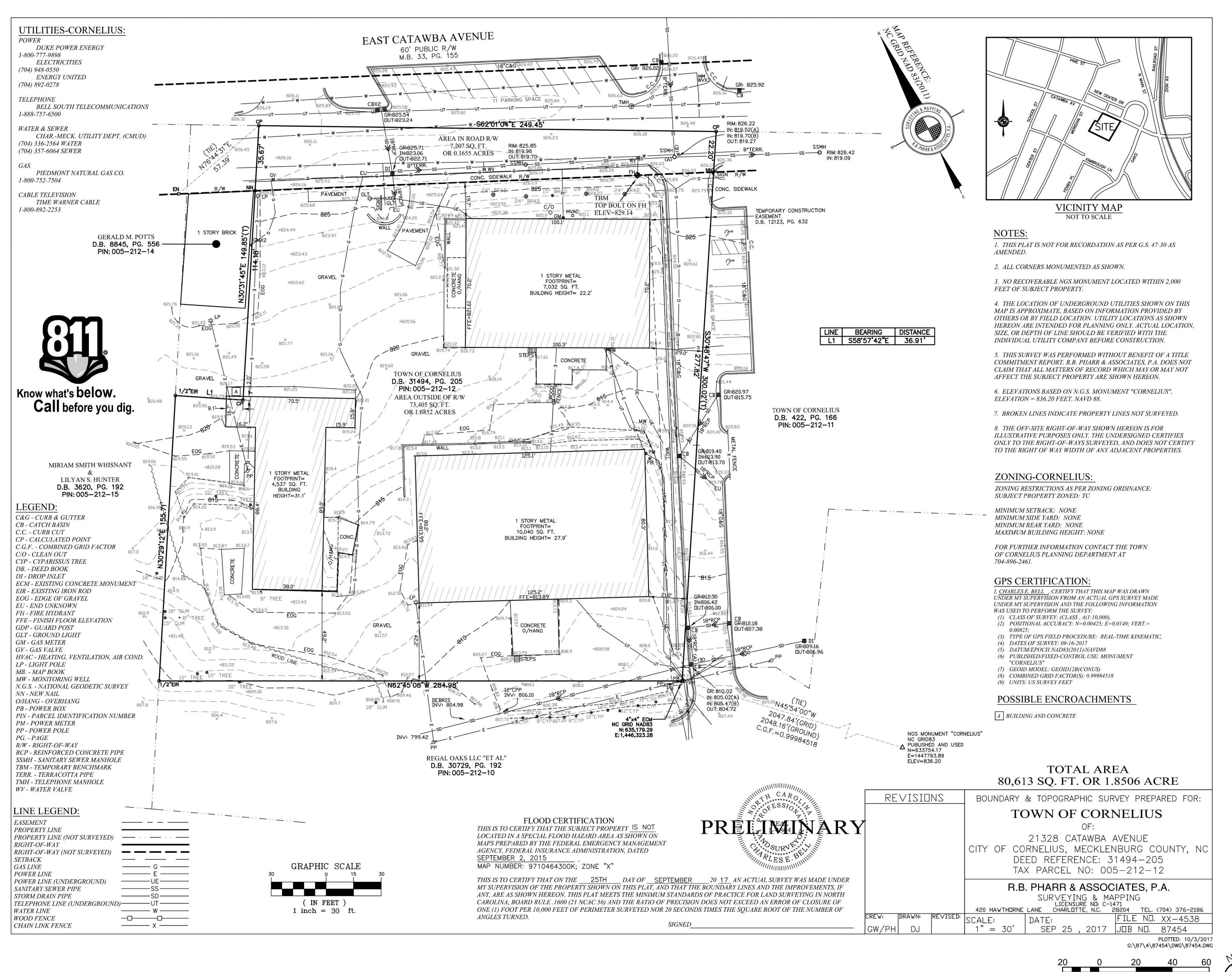
A full set of detailed building plans will be available at the meeting.

Manager's Recommendation:

Review and provide feedback on the proposed elevations.

ATTACHMENTS:		
Name:	Description:	Туре:
□ <u>Cain_Center_Property.pdf</u>	Property Map	Cover Memo
Cain_Arts_Site_Plans_042020.pdf	Site Plan	Cover Memo
<u>Cain_Arts_Illustrative_Site_Plan.pdf</u>	Color Site Plan	Cover Memo
D <u>Elevations.pdf</u>	Color Renderings	Cover Memo
Pages_from_Cain_Center_100%_CDs_Building_Plans.pd	\mathbf{f} Building Plans	Cover Memo





GRAPHIC SCALE (1" = 20'-0")





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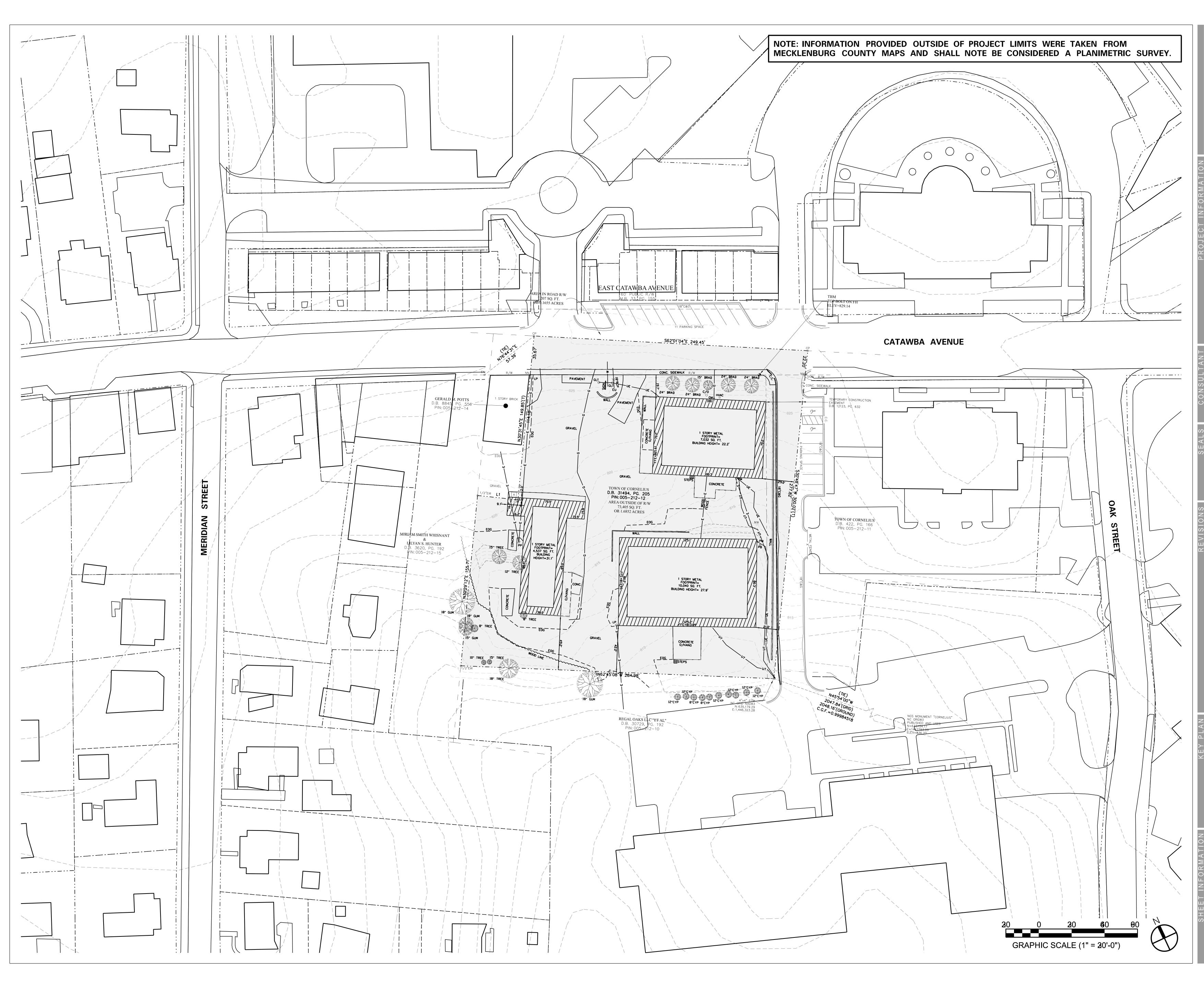
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EXISTING SURVEY









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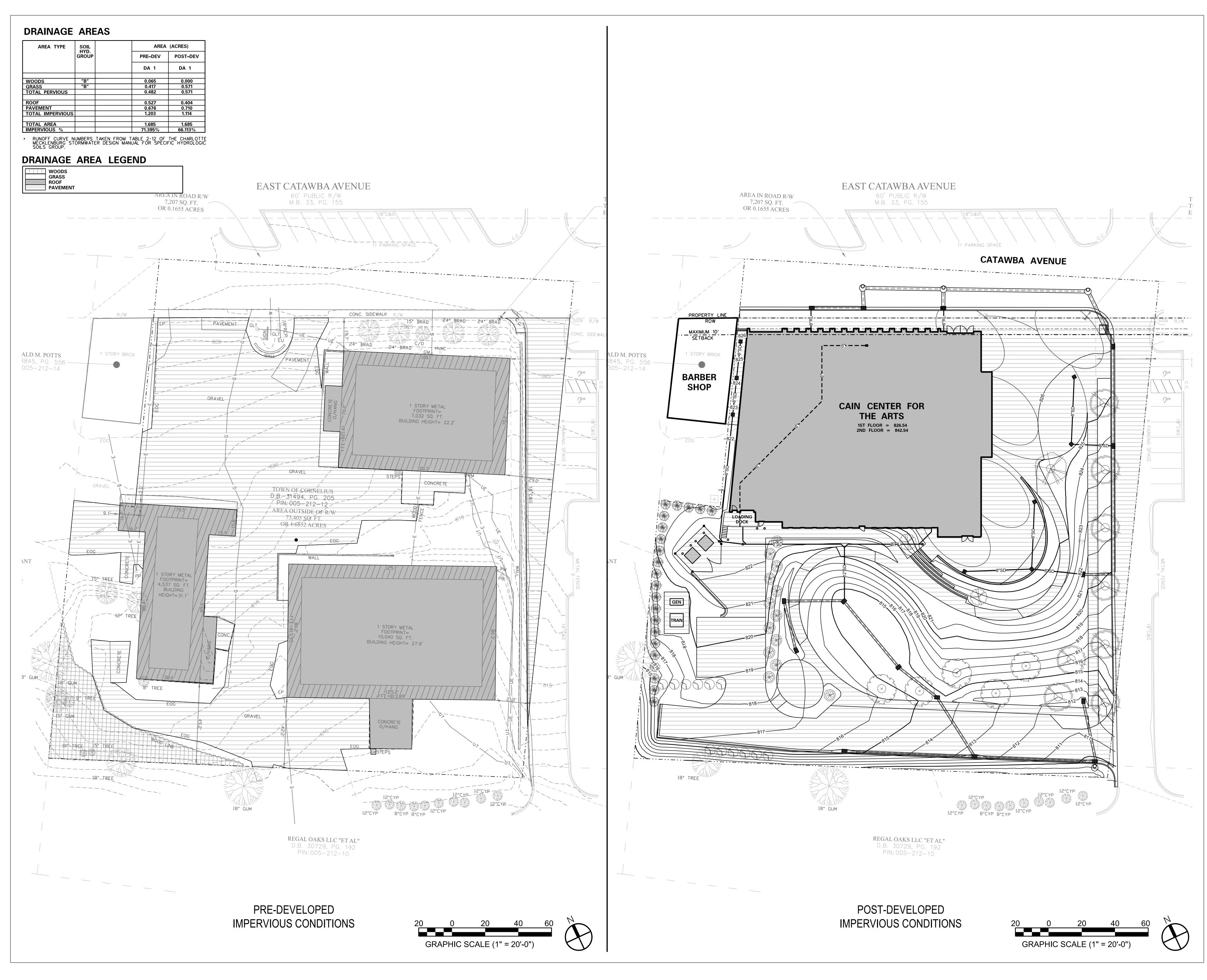
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ADDITIONAL EXISTING CONDITIONS PLAN





/ING FILE P:\2017\2017.31 Cornelius Arts Center\CADD Files\cacC102. TED ON 20-APR-2020 10:22





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STORMWATER IMPERVIOUS MANAGEMENT PLAN



GENERAL NOTES (APPLY TO ALL CIVIL WORK):

- 1. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE BEGINNING OF DEMOLITION AND/OR CONSTRUCTION.
- 2. CONTRACTOR SHALL PHYSICALLY VERIFY PLAN LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE BEGINNING OF DEMOLITION AND/OR CONSTRUCTION VIA THE USE OF TEST PITS OR SOFT DIGS.
- 3. PROTECT ALL EXISTING UTILITIES AND CONSTRUCTION TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES.
- 4. ALL EXISTING SURFACES TO REMAIN OR NEW WORK, THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE REPAIRED TO MATCH EXISTING ADJACENT
- SURFACES. 5. BEFORE YOU DIG, STOP. CALL THE NC ONE-CALL CENTER AT 811 AND COORDINATE LOCATION
- OF PUBLIC UTILITIES. NO SOIL DISTURBANCE OR COMPACTION, STOCK PILING OF SOIL OR OTHER CONSTRUCTION 6. MATERIALS, VEHICULAR TRAFFIC, OR PARKING OR STORAGE OF HEAVY EQUIPMENT ARE ALLOWED WITHIN THE CRITICAL ROOT ZONE OF PROTECTED TREES. NO WORK SHALL BEGIN UNTIL TREE PROTECTION BARRICADES HAVE BEEN INSTALLED. BARRICADES TO REMAIN UNTIL AFTER ALL DEVELOPMENT ACTIVITIES ARE COMPLETED.
- 7. STORM DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLE COORDINATES ARE LOCATED AT CENTER OF GRATE OR MANHOLE, ALL LINEAR FOOTAGE OF ALL UTILITY PIPES SHOWN ARE APPROXIMATE. ACTUAL INSTALLED QUANTITIES MAY VARY. PIPE LENGTHS PROVIDED ARE HORIZONTAL MEASUREMENTS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTHS THAT TERMINATE WITH A FLARED END SECTION INCLUDE THE LENGTH OF THE FLARED END SECTION.
- 8. CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE WORK SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES, DRAINAGE GRATES, VALVE BOXES, VAULT LIDS, ETC. AS REQUIRED TO MATCH FINISHED GRADES. AGENTS INSTALLING ALL OTHER UTILITES SHALL BE RESPONSIBLE FOR MATCHING FINISH GRADE WITH ANY NEW SURFACE STURCTURE OR SUFACE ACCESS SERVING THEIR INSTALLED FACILITIES.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT 9. COVERED UNDER THESE CIVIL PLANS (ELECTRIC, TELEPHONE, GAS, STEAM, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED. ALL PLANNED AND EXISTING UTILITIES ROUTINGS AND DEPTHS SHALL BE COORDINATED PRIOR TO ANY INSTALLATIONS.
- 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCDOT, NCDEQ, AND LOCAL STANDARDS. WHEN SPECIFICATIONS ARE IN CONFLICT, THE STRICTER SPECIFICATION SHALL BF HFI D
- 11. RIM ELEVATIONS GIVEN ON THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL RIM ELEVATIONS SHALL BE ADJUSTED BY CONTRACTOR TO MATCH FIELD CONDITIONS. THE TOP 12" OF ALL NEW CONCRETE STRUCTURES SHALL BE BRICK CONSTRUCTION OR OBTAINED WITH PRECAST GRADE RINGS TO ALLOW FOR ADJUSTMENT AS NECESSARY. STRUCTURES SHALL BE ADJUSTABLE +/- 12" FROM THE RIM ELEVATION
- PROVIDED AT NO ADDITIONAL COST TO THE OWNER. 12. ALL SHORING SHALL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS, PART 1926 SUBPART P, AS AMENDED.
- 13. ALL LANE OR ROAD CLOSURES THAT ARE REQUIRED SHALL FOLLOW THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS FOR TRAFFIC CONTROL MEASURES (MUTCD).

COORDINATE RELOCATION OF – NATURAL GAS SERVICE AT BARBER SHOP WITH GAS COMPANY.

COORDINATE RELOCATION OF -POWER SERVICE AT BARBER SHOP WITH ELECTRIC COMPANY.

REMOVE ONE-STORY -METAL BUILDING AND BLOCK FOUNDATION.

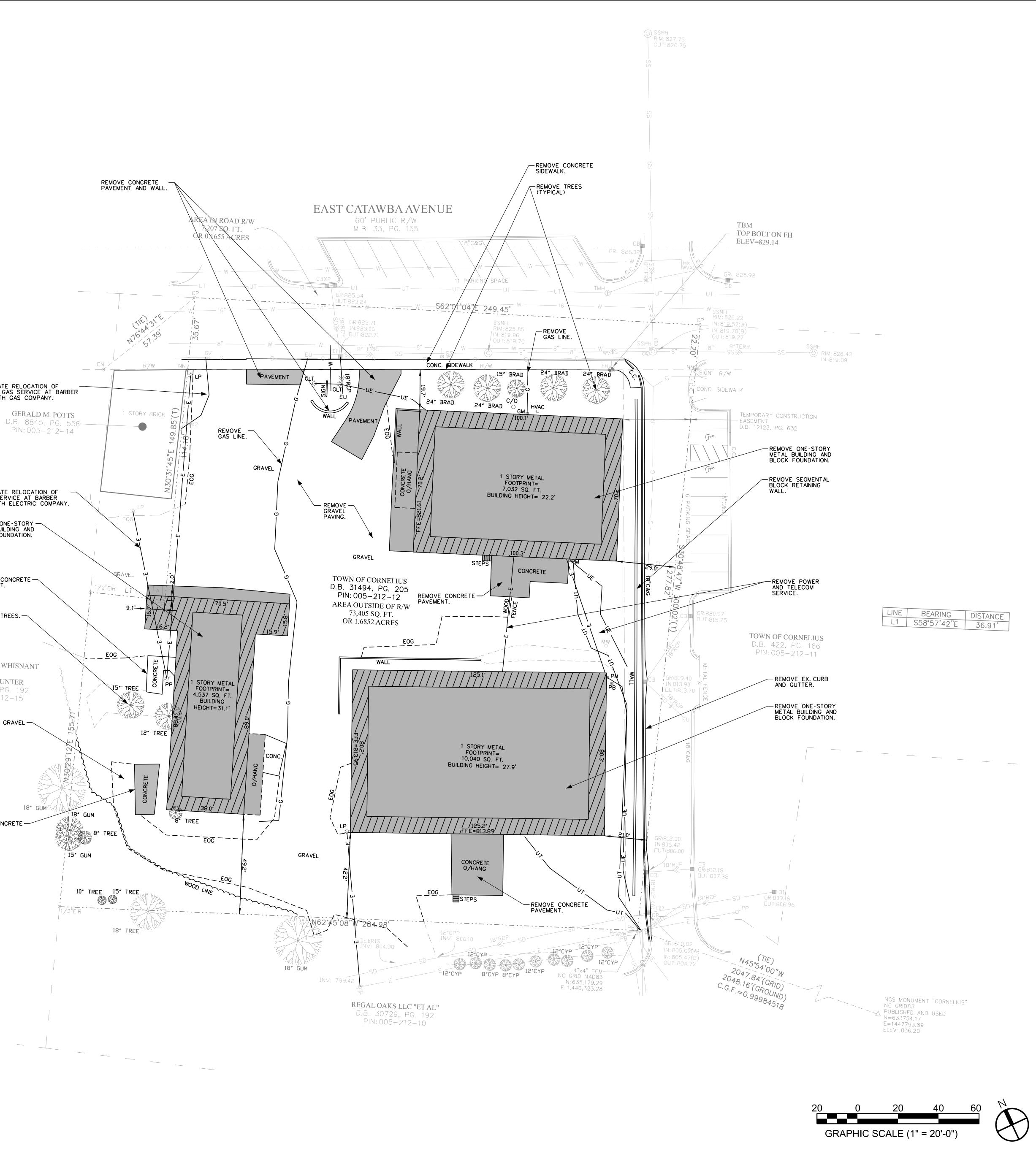
REMOVE CONCRETE — PAVEMENT.

REMOVE TREES.

MIRIAM SMITH WHISNANT & LILYAN S. HUNTER D.B. 3620, PG. 192 PIN: 005-212-15

REMOVE GRAVEL — PAVING.

18" GUM





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DEMOLITION PLAN



SITE DEVEL	OPMENT DATA
TAX ID NUMBER(s)	00521212
ADDRESS	21348 CATAWBA AVE., CORNELIUS 28031
ZONING	TC (TOWN CENTER)
PROPOSED USE	INSTITUTIONAL
BUILDING AREA	26,637 SF
SETBACKS	
FRONTYARD (STREET SETBACK)	10 FEET MAXIMUM
2ND, 3RD STORY ENCROACHMENT	5 FEET
SIDEYARD	NONE
REAR YARD	NONE
MINIMUM HEIGHT	26 FEET
MAXIMUM BUILDING HEIGHT	4 STORIES
TOTAL LOT AREA (OUTSIDE R/W)	1.685 ACRES (73,405 SF)
LOT AREA IN R/W	0.1655 ACRES (72,07 SF)
PROJECT AREA	1.658 ACRES (72,238 SF)
DISTURBED AREA	1.658 ACRES (72,238 SF)
PARKING	
AUTO PARKING REQUIRED	NONE
BICYCLE PARKING	
LONG TERM REQUIRED	
SHORT TERM REQUIRED	4
TOTAL PROVIDED	4
BUFFERS	
REQUIRED	
SOIL TYPE	CuB, Cecil Urban, Hydrologic Group "B"
IMPERVIOUS AREAS	
EXISTING	52,403 SF
TOTAL DEVELOPED+REDEV.	48,564 SF

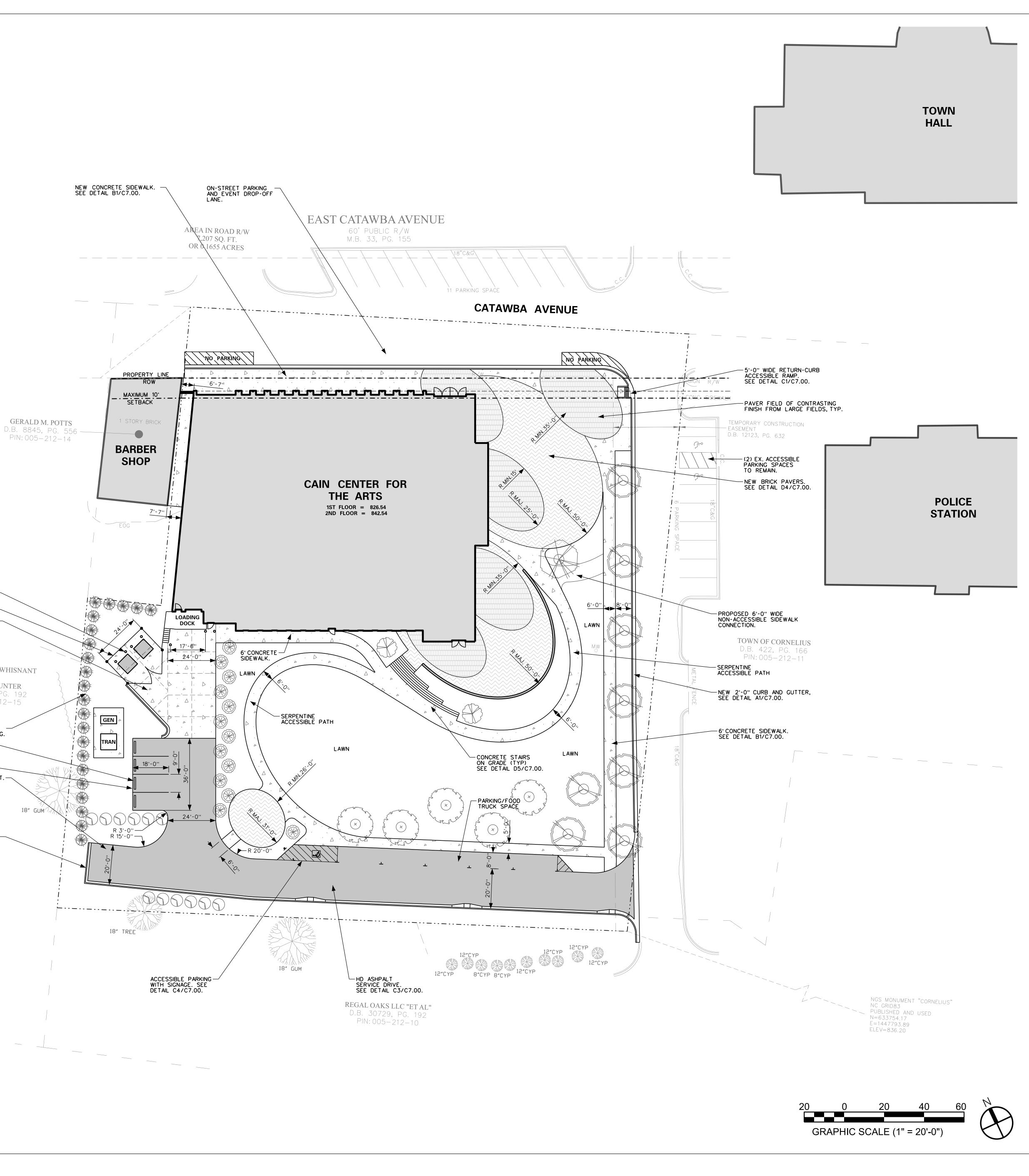
LAYOUT NOTES:

- ALL EXPANSION JOINTS ARE TO BE SEALED. REFER TO SPECIFICATIONS. ALL DIMENSIONS ARE TO FACE OF CURB OR TO FINISHED FACE OF BUILDING UNLESS
- OTHERWISE NOTED. ALL CURB RADII SHALL BE 2'-6" UNLESS OTHERWISE NOTED. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE ON THE CURB.
- ANY BUILDING DIMENSIONS SHOWN ARE NOMINAL CONSULT ARCHITECTURAL PLANS 5.
- **BEFORE ACTUAL FIELD STAKING.** 6. ALL SIDEWALKS, RAMPS AND ACCESSIBLE ROUTES SHALL HAVE A 1.5% MAXIMUM CROSS SLOPE. IN NO INSTANCE SHALL THE CROSS SLOPE EXCEED 2.0%. WORK WITH EXCESSIVE CROSS SLOPES SHALL BE REMOVED AND REINSTALLED AT NO ADDITIONAL COST TO THE OWNER.
- MAXIMUM ELEVATION CHANGE AT HANDICAP ACCESSIBLE DOORS SHALL NOT EXCEED 1/2". NO PAVEMENT STRIPING SHALL OCCUR UNTIL AFTER PAVING HAS CURED 30 DAYS. ALL HANDICAP PARKING SPACES AND ACCESS AISLES SHALL MAINTAIN A MAXIMUM SLOPE 9. OF 1/4" PER 1' IN ANY DIRECTION PER THE NC ACCESSIBILITY CODE. CONTRACTOR IS RESPONSIBLE FOR ACHIEVING POSITIVE DRAINAGE. FLAT AREAS OR AREAS OF EXCESSIVE SLOPE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

REINFORCED CONCRETE PAVEMENT, TYP. SEE DETAIL A5/C7.00.
MIRIAM SMITH WHISNAI
& LILYAN S. HUNTER D.B. 3620, PG. 192 PIN: 005-212-15
SEE LANDSCAPING PLAN FOR PERIMETER PLANTING.
NEW WHEELSTOP, TYP SEE DETAIL B3/C7.00.
STAFF PARKING
NEW ASPHALT PAVEMENT. SEE DETAIL C3/C7.00.

BOLLARD, TYP. — SEE DETAIL B5/C7.00.

1'-6'' CURB AND GUTTER — SEE DETAIL A1/C7.00.





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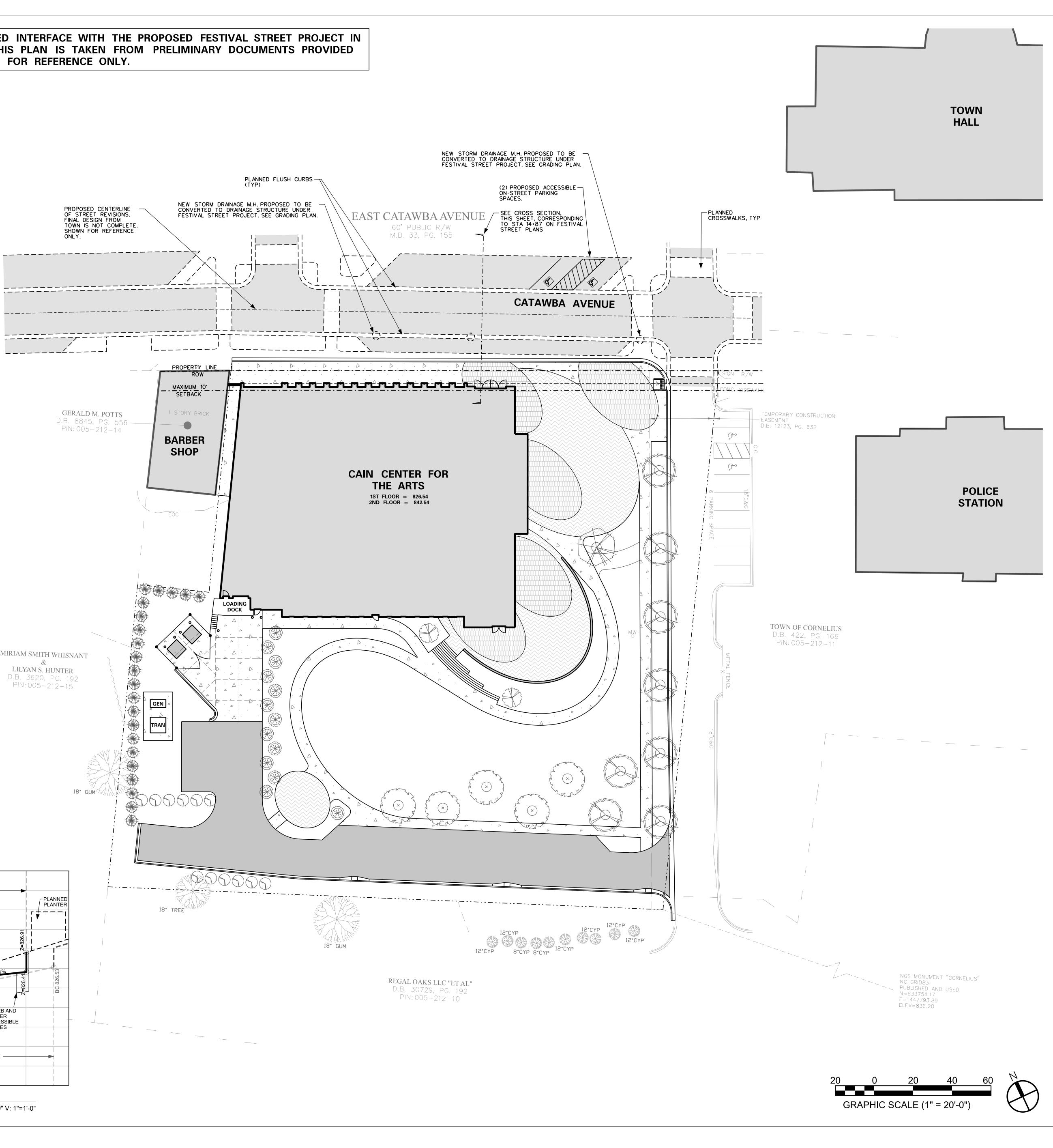
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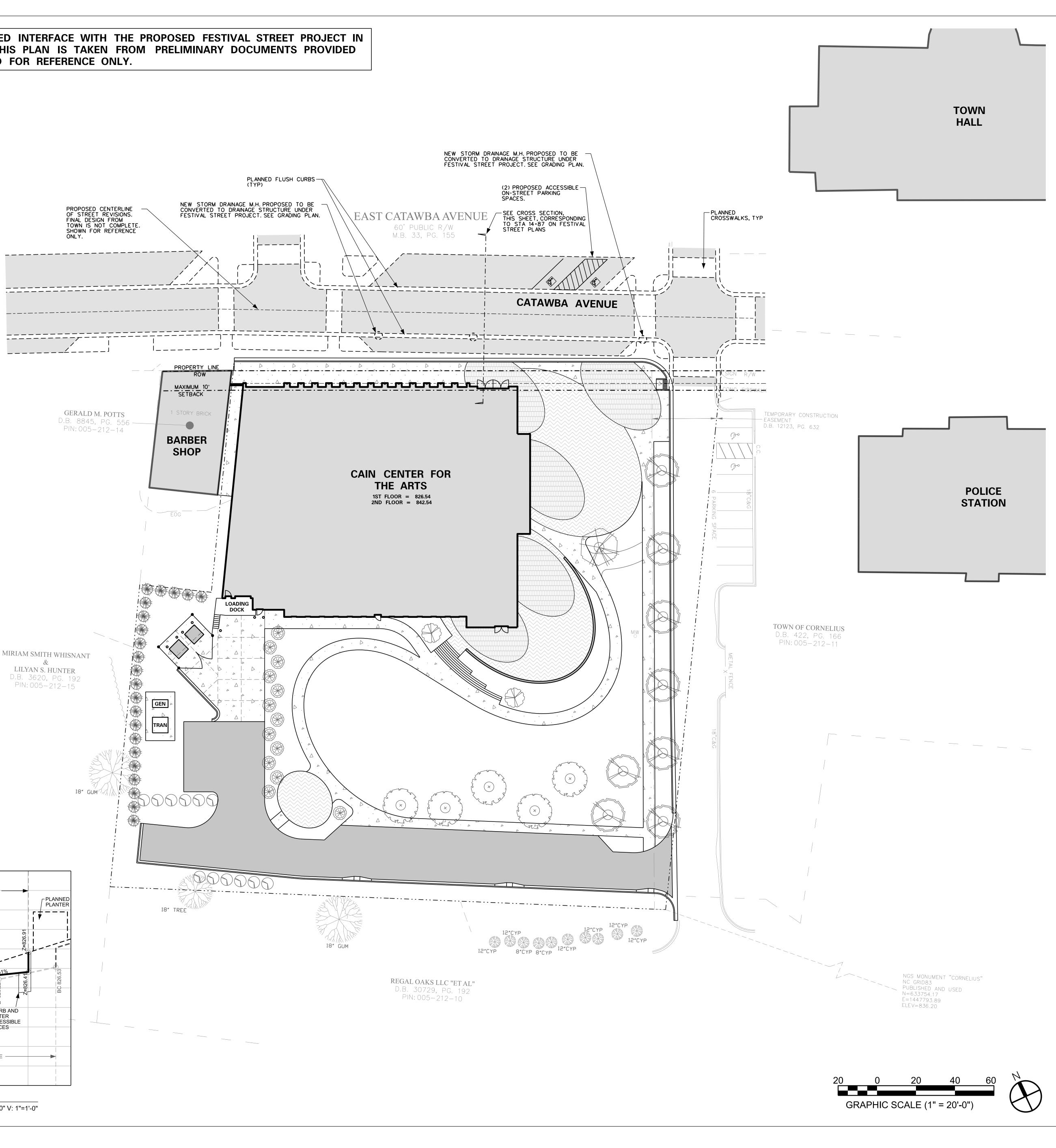
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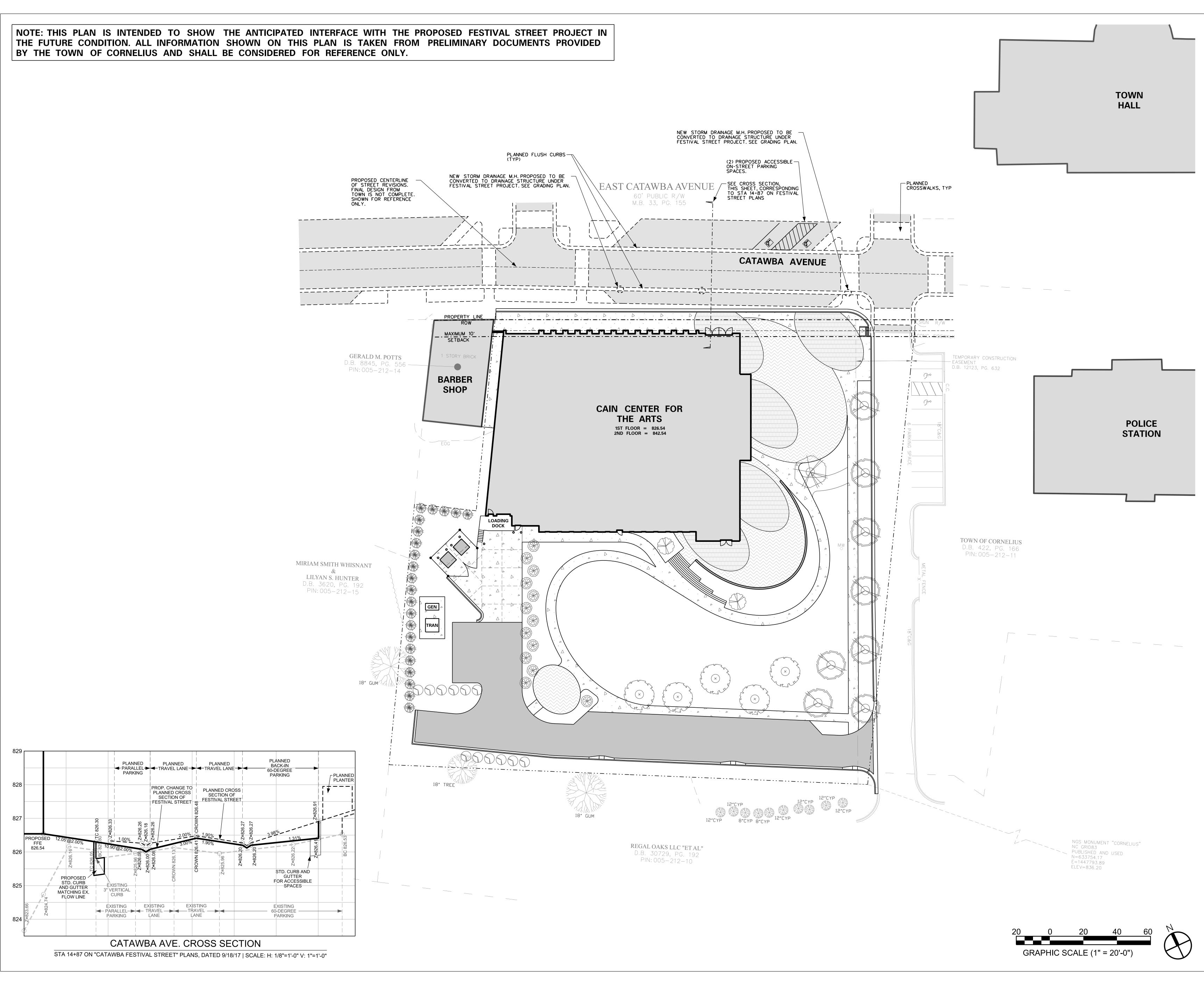














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FUTURE FESTIVAL STREET LAYOUT

UTILITY NOTES:

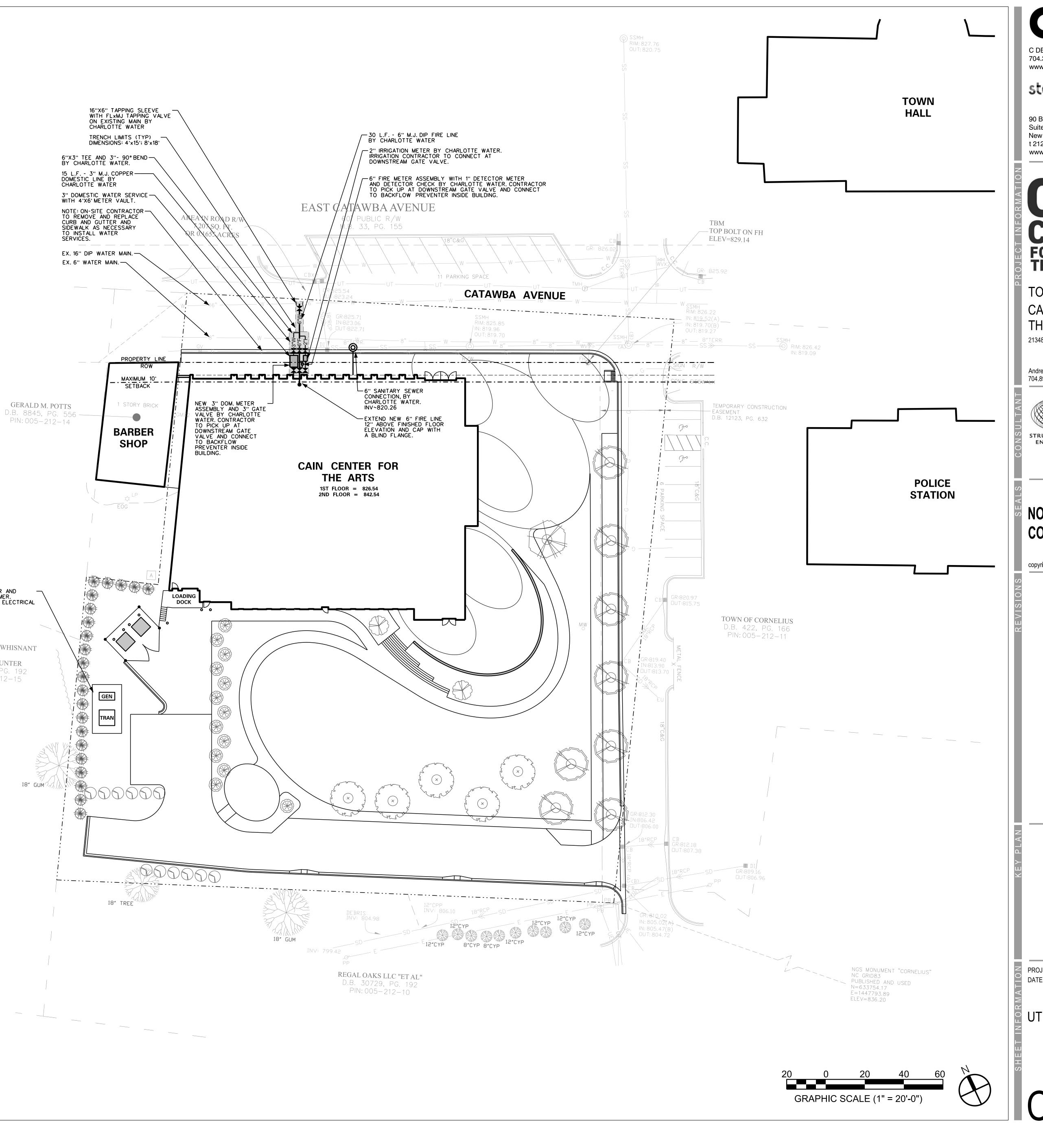
- 1. ALL WATER AND SEWER WORK TO BE PERFORMED IN ACCORDANCE WITH NC DEQ AND CHARLOTTE WATER'S STANDARDS AND SPECIFICATIONS.
- 2. REQUIRED WATER/SEWER SEPARATION: 10' LATERAL, UNLESS BOTTOM OF WATER MAIN >18" ABOVE TOP OF SEWER IN A SEPARATE TRENCH. WHEN THESE SEPARATIONS CANNOT BE MAINTAINED OR WHEN THE SEWER IS ABOVE THE WATER MAIN, BOTH THE WATER AND SEWER LINES SHALL BE CONSTRUCTED OF FERROUS MATERIALS WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A MINIMUM LATERAL DISTANCE OF 10 FT ON EACH SIDE OF THE CROSSING.
- 3. REQUIRED SEWER SEPARATION WITH OTHER UTILITIES: SEWER BELOW UTILITY: 24" CLEAR WITH STONE BEDDING FROM 6" BELOW SEWER TO 12" ABOVE SEWER. SEWER ABOVE UTILITY: 12" CLEAR. CLEARANCES MEASURED AS NOTED FOR WATER CONFLICTS. WHEN THESE SEPARATIONS CANNOT BE MAINTAINED, THE SEWER LINE SHALL BE CONSTRUCTED OF FERROUS MATERIAL WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A MINIMUM LATERAL DISTANCE OF 10 FT ON EACH SIDE OF THE CROSSING.
- 4. THERE SHALL BE NO TAPS, PIPING, BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPARTMENT CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED ON THE SUPPLY SIDE OF ANY BACKFLOW PREVENTERS.
- 5. EACH NEW BPA IS REQUIRED TO BE TESTED BY A CERTIFIED TESTER IN ACCORDANCE WITH THE LOCAL AUTHORITY PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
- 6. REFER TO LANDSCAPE PLANS FOR ALL PROPOSED SCREENING OF ABOVE GROUND BACKFLOW PREVENTERS. 7. ALL SANITARY SEWER LATERALS SHALL MAINTAIN A MIN. COVER OF 36" WITH CLEANOUTS AT 75' MAX. SPACING. MAINTAIN A MINIMUM SLOPE = 1.0%. CLEANOUTS IN PAVED AREAS SHALL BE
- TRAFFIC BEARING CLEANOUTS. CLEANOUTS WITHIN UNIT PAVER AREAS SHALL HAVE BRASS CAPS. SEE DETAIL A1/C8.00. 8. ALL SANITARY SEWER PIPE SHALL BE BEDDED IN ACCORDANCE WITH DETAIL A2/C8.00. 9. ALL SEWER SERVICE LINES EXTENDED TO BUILDINGS SHALL TERMINATE WITH A CLEANOUT 5' FROM THE FACE OF THE BUILDING. THE PLUMBING CONTRACTOR SHALL MAKE THE
- CONNECTIONS. 10. DASHED WATER AND SEWER LINES REPRESENT LINES AND CONNECTIONS TO BE INSTALLED BY THE PLUMBING CONTRACTOR. 11. ALL BENDS AND INTERSECTIONS IN WATER LINES SHALL HAVE CONCRETE BLOCKING. 12. ALL NEW UNDERGROUND UTILITY LINES INCLUDING LAWN IRRIGATION LINES, THAT ARE LOCATED OUTSIDE OF THE BUILDING FOOTPRINT ARE REQUIRED TO HAVE A CONTIINUOUS
- WARNING TAPE INSTALLED IN THE BACKFILL DIRECTLY OVER THE UTILITY LINE 6" TO 24" BELOW FINISHED GRADE AND 6" BELOW SUBGRADE UNDER PAVEMENT SECTIONS. REFER TO SPECIFICATIONS DIVISION 31 FOR WARNING TAPE REQUIREMENTS.

BOTH METALIC AND NON-METALIC PIPES, OTHER THAN GAS LINES, SHALL BE IDENTIFIED BY DETECTABLE MAGNETIC TYPE WARNING TAPE, MIN. 2" WIDE, WITH LETTERING TO IDENTIFY BURIED LINE BELOW.

- 2018 NC GAS CODE, SECTION 404.17.3 TRACER: AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO UNDERGROUND NONMETALLIC PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE ABOVEGROUND AT THE END OF THE NONMETALLIC PIPING. THE TRACER WIRE SIZE SHALL NOT BE LESS THAN 18AWG AND THE INSULATION TYPE SUITABLE FOR DIRECT BURY.
- 13. ALL VALVE BOXES WITHIN YARD AREAS SHALL BE FLUSH WITH FINISHED GRADE AND PROTECTED WITH A PRECAST CONCRETE DONUT OR A FORMED CONCRETE PAD PER DETAIL A3/C8.00.
- 14. ALL UNDERGROUND UTILITIES, INCLUDING IRRIGATION AND METALIC PIPE SHALL HAVE TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE TOP OF THE PIPE TAPED AT 10' MAXIMUM INTERVALS. TRACER WIRE SHALL BE BROUGHT UP AT ALL VAULTS, MANHOLES, VALVE BOXES, FIRE HYDRANTS, FREE STANDING FDC'S, ETC. AS SHOWN IN DETAIL A4/C8.00.
- 2012 NCPC, SECTION 306.2.4 TRACER WIRE: FOR PLASTIC SEWER PIPING, AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO AND OVER THE FULL LENGTH OF THE PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE AT THE CLEANOUT BETWEEN THE BUILDING DRAIN AND THE BUILDING SEWER. THE TRACER WIRE SIZE SHALL NOT BE LESS THAN 14 AWG AND THE INSULATION TYPE SHALL BE LISTED FOR DIRECT BURIAL. 15. ALL NEW WATER VALVES SHALL BE CLOCKWISE TO CLOSE.
- 16. THE MINIMUM BURIAL DEPTH FOR ALL NEW WATER AND SEWER LINES SHOWN ON THIS SHEET SHALL BE THREE FEET. PVC LINES BENEATH VEHICULAR DRIVES, ROADS, PARKING, ETC. SHALL HAVE A MINIMUM BURIAL DEPTH OF 4'.

GENERATOR AND – TRANSFORMER. REFER TO ELECTRICAL PLANS.

MIRIAM SMITH WHISNANT LILYAN S. HUNTER D.B. 3620, PG. 192 PIN: 005-212-15





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UTILITY PLAN

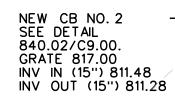


GRADING AND DRAINAGE NOTES:

- 1. CONTRACTOR SHALL TAKE CARE TO MAKE SMOOTH FLOWING TRANSITIONS AT NEW AND EXISTING ASPHALT TIES. SLOPE BETWEEN FIXED SPOT ELEVATIONS SHALL BE CONSTANT UNLESS OTHERWISE SPECIFIED.
- UNLESS OTHERWISE SPECIFIED.
 ALL MATERIAL TYPES OF ALL PROPOSED STORM DRAINAGE PIPE SHALL BE PROPERLY BEDDED PER DETAIL A2/C8.00.
 ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISHED GRADES TO TOP OF PAVEMENT OR TOP OF SOIL IN PLANTING/GRASS AREAS. REFER TO PAVEMENT CROSS SECTION DETAILS TO ESTABLISH CORRECT SUBBASE ELEVATION.
 NEW EARTHWORK SHALL BE BLENDED SMOOTHLY TO TIE INTO EXISTING GRADE.
 ALL NEW PAVEMENT AREAS SHALL HAVE POSITIVE DRAINAGE SUCH THAT ALL RUNOFF WILL DRAIN ACROSS PAVEMENT TO NEW OR EXISTING DRAINAGE FEATURES OR SHEET FLOW OVERLAND
- 6.
- DRAIN ACROSS PAVEMENT TO NEW OR EXISTING DRAINAGE FEATURES OR SHEET FLOW OVERLAND.
 REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR BUILDING AND RETAINING WALL FOUNDATION DRAIN LOCATIONS, PIPE SIZES, AND MATERIALS. REFER TO CIVIL PLANS FOR EXTENSION OF FOUNDATION DRAIN LINES FROM WALL TO OUTFALL LOCATION. ALL FOUNDATION DRAIN LINES WHICH CONNECT TO THE PROPOSED STORMWATER SYSTEM RATHER THAN DISCHARGING TO GRADE SHALL HAVE A BACKWATER VALVE AT THE TIE-IN LOCATION. A TERMINAL TYPE BACKWATER VALVE SHALL BE INSTALLED AT CATCH BASINS AND MANHOLES. SEE DETAIL A4/C9.00.
 ANY PROPOSED GRASSED (SEEDED OR SODDED), MULCHED OR PLANTING AREA SHALL BE LEFT 4" BELOW FINISHED GRADES SHOWN. THE FINAL 4" IN ALL DISTURBED AREAS SHALL BE A 4" LAYER OF TOPSOIL. BEFORE PLACING THE TOPSOIL, THE TOP 6" OF THE SUBGRADE SHALL BE UNCOMPACTED WITH ALL STONE AND CONSTRUCTION DEBRIS REMOVED. WORK THE FIRST 2" OF TOPSOIL INTO THE TOP 4" OF LOOSENED SUBGRADE BEFORE SPREADING THE FINAL 2" OF TOPSOIL IS INDICATED AS OTHER THAN 4"ON LANDSCAPE PLANS, FOLLOW LANDSCAPE PLANS.
- OF 10PSOIL INTO THE TOP 4" OF LOOSENED SUBGRADE BEFORE SPREADING THE FINAL 2" OF TOPSOIL. IF TOPSOIL SECTION IS INDICATED AS OTHER THAN 4"ON LANDSCAPE PLANS, FOLLOW LANDSCAPE PLANS.
 8. ALL DRAINAGE STRUCTURES SHALL BE GROUTED TO THE INVERT OF THE OUTFLOW PIPE TO ELIMINATE ANY SUMP CONDITION. ALL PIPE PENETRATIONS SHALL BE FLUSH WITH THE STRUCTURE WALL AND GROUTED.
 9. DRAINAGE STRUCTURE ORIENTATION SHALL BE AS SHOWN ON THE DRAWINGS. GRATES ARE TYPICALLY SHOWN SET SQUARE TO THE ADJACENT WALK EDGE, BUILDING FACE, OR CURB LINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING THE DRAINAGE STRUCTURE AT NO ADDITIONAL COST TO THE OWNER IF SHOWN ORIENTATIONS ARE NOT OBTAINED.
 10. PER SECTION 15.175(E) OF CITY CODE AND SECTION 10.0 OF THE POST CONSTRUCTION CONTROLS EASEMENTS (PCCES) MUST BE RECORDED PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
 11. ALL ROOF LEADERS TO BE EITHER SCH. 40 PVC, SMOOTH WALL HDPE, OR DUCTILE IRON PIPE. ALL ROOF LEADERS SHALL HAVE A 1% MINIMUM SLOPE AND MAINTAIN A 24" MINIMUM COVER. REFER TO DETAIL A1/C8.00 FOR CLEANOUTS. ALL ROOF LEADERS SHALL CONNECT TO MAIN LINES WITH WYE FITTINGS.
 12. STORM DRAINAGE PIPING: IF NOTED AS OPTIONAL, THE CONTRACTOR MAY PROVIDE EITHER CLASS III RCP OR SMOOTH WALL HDPE. INSTALL HOPE AND FANUFACTURER'S RECOMMENDATIONS. BEDDING SHALL BE PER DETAIL A2/C8.00 FOR ALL STORM DRAINAGE PIPING: IF NOTED AS OPTIONAL, THE CONTRACTOR MAY PROVIDE EITHER CLASS III RCP OR SMOOTH WALL HDPE. INSTALL HDPE AS PER MANUFACTURER'S RECOMMENDATIONS. BEDDING SHALL BE PER DETAIL A2/C8.00 FOR ALL STORM DRAINAGE PIPING: IF NOTED AS OPTIONAL, THE CONTRACTOR MAY PROVIDE EITHER STABLIZED WITH TEMPORARY EROSION CONTROL SYNTHETIC LINER. SEE DETAIL D3/C6.00 FOR ILLSTORM DRAINAGE PIPICE THAN 10' SHALL BE CLASS III RCP. IF NOT NOTED AS OPTIONAL, CONTRACTOR MUST PROVIDE THE MATERIAL CALLED OUT ON THE PLANS.
 13. ALL SLOPES 6:1 AND GREATER AND ALL GRASSED CHANNELS AND SWALES SHALL BE STABLILZED WITH TEMPORARY EROSION CONTROL SYNTH

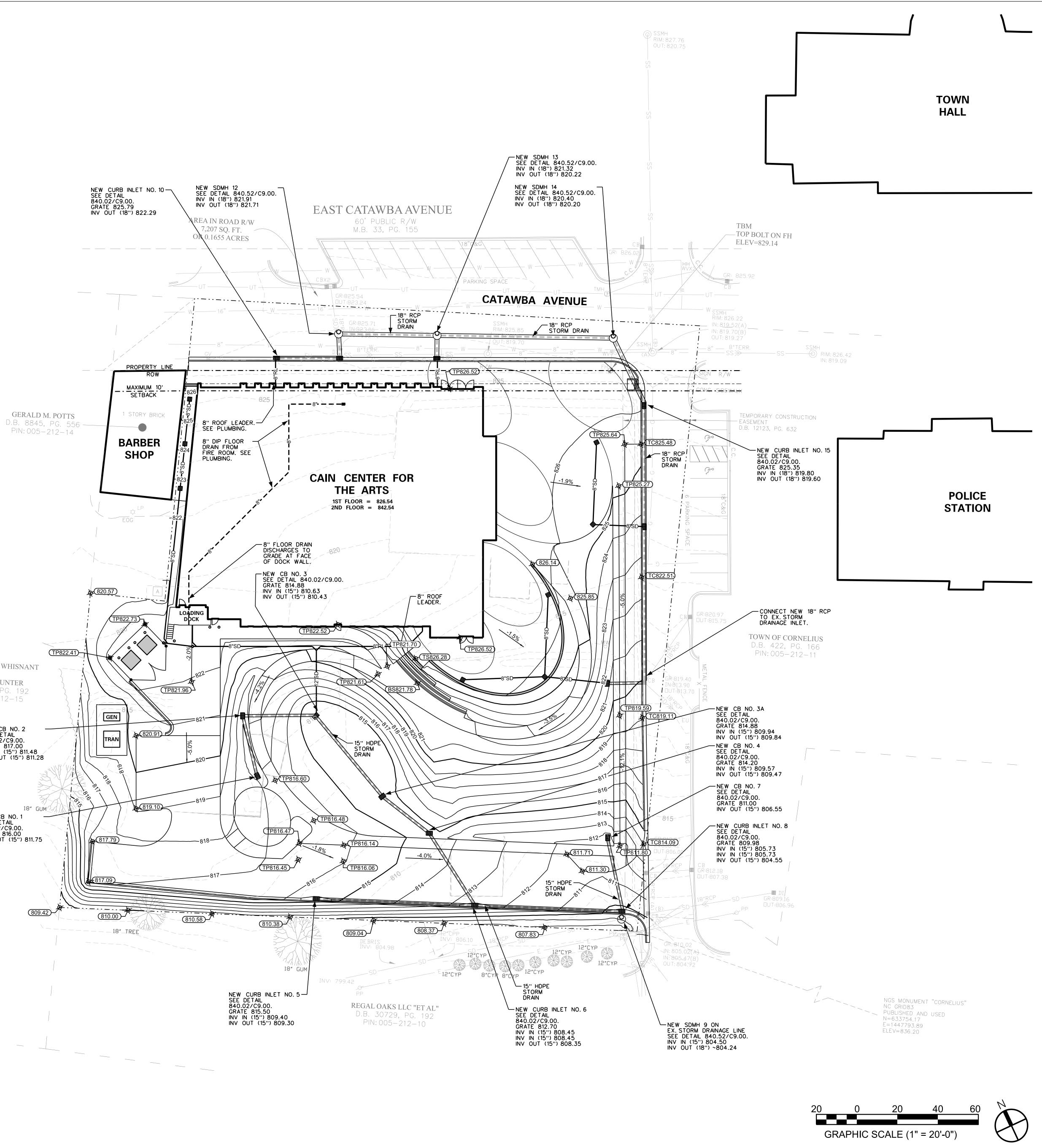
- 14. DRÅINAGE GRATES ARE TO BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL PREVENT CONCRETE SPLASH, PAINT, OR OTHER DAMAGE FROM OCCURRING OR RESTORE/REPLACE AT COMPLETION OF PROJECT.
 15. TW AND BW ELEVATIONS PROVIDED REFER ONLY TO THE GRADE ELEVATION AT THE WALL. REFER TO ARCH. AND STRUCT. PLANS OR SEGMENTAL WALL SHOP DRAWINGS FOR TOTAL WALL HEIGHT ABOVE GRADE FOR PARAPETS, CAPS, SEAT WALL AND SCREEN WALL SECTIONS.
 16. ALL SPOT ELEVATIONS SHOWN WITHIN PAVED AREAS (ON CIVIL PLANS) AND ALONG CURBS REPRESENT TOP OF PAVEMENT (TP) OR BOTTOM OF CURB (BC) UNLESS OTHERWISE INDICATED.

MIRIAM SMITH WHISNANT & LILYAN S. HUNTER D.B. 3620, PG. 192 PIN: 005-212-15



18" GUM

NEW CB NO. 1 -SEE DETAIL 840.02/C9.00. GRATE 816.00 INV OUT (15'') 811.75





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STANLEY D. LINDSEY AND ASSOCIATES, LTD 1347 HARDING PLACE SUITE 201 CHARLOTTE, NC 28204 WWW.SDLAL.COM T 704 333 3122

NOT FOR CONSTRUCTION

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0604-0422 04.17.2020

GRADING AND DRAINAGE PLAN



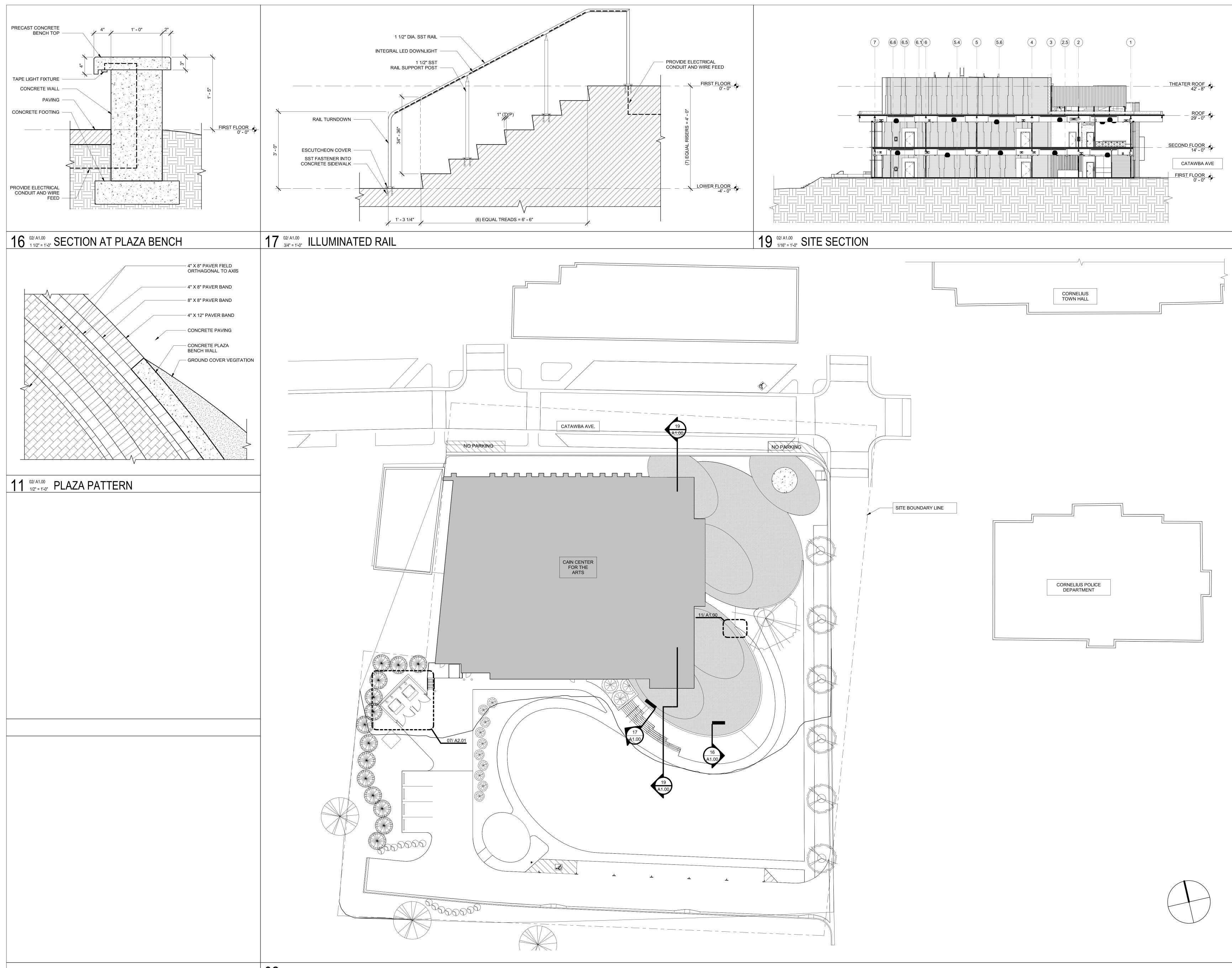










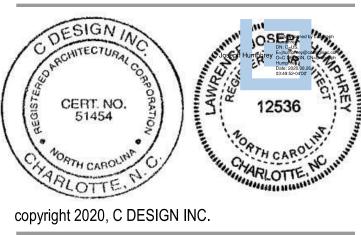


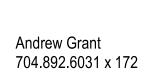




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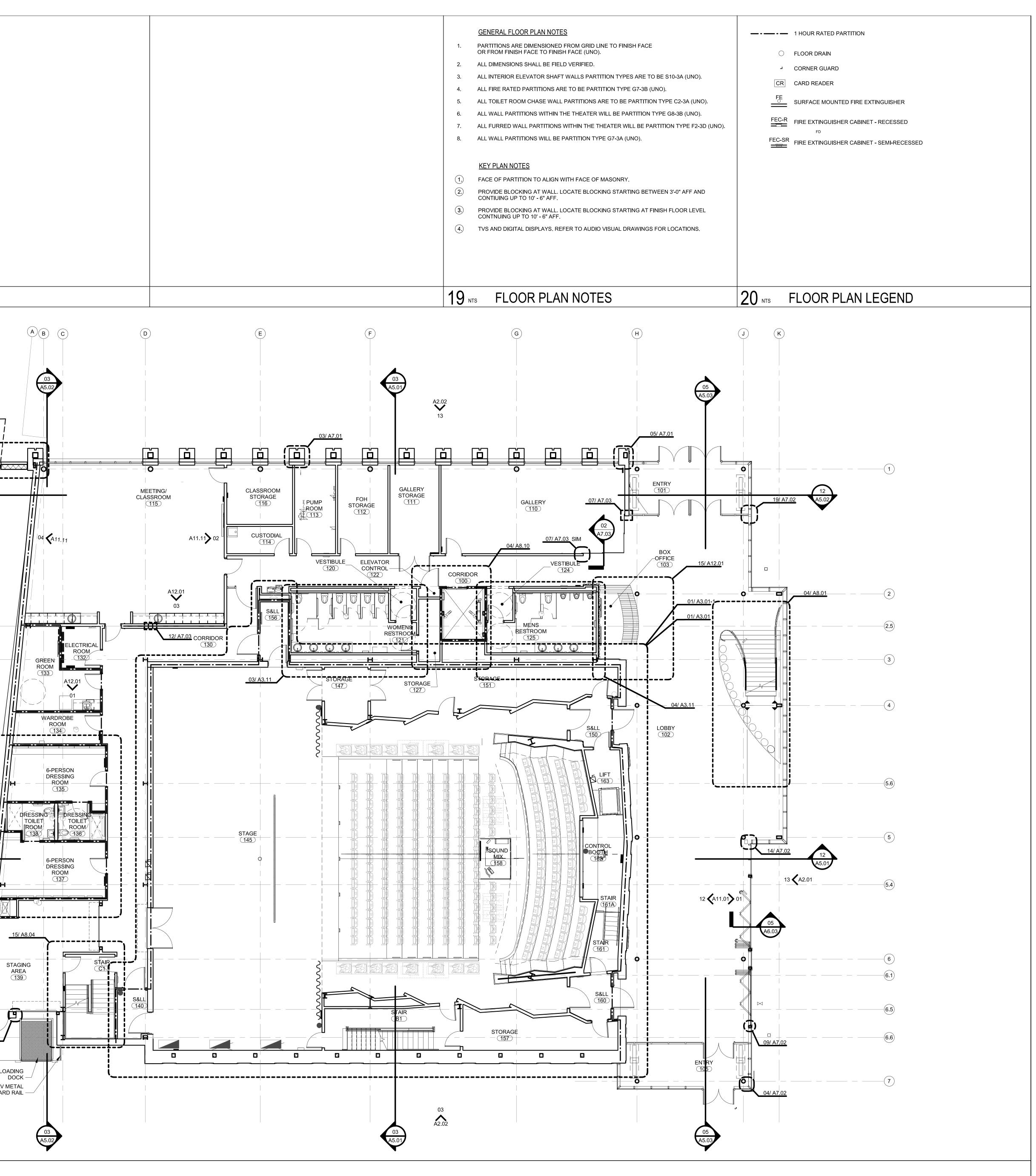
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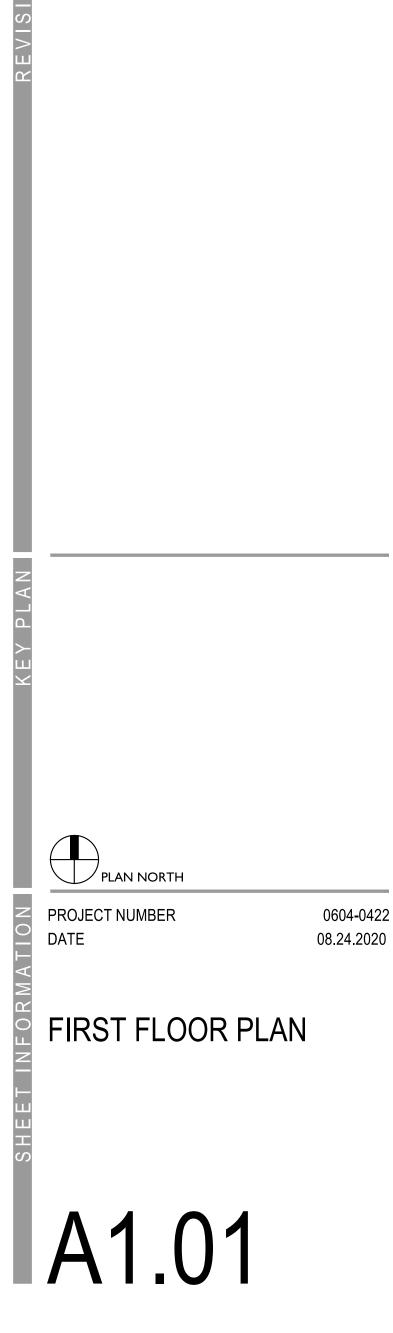
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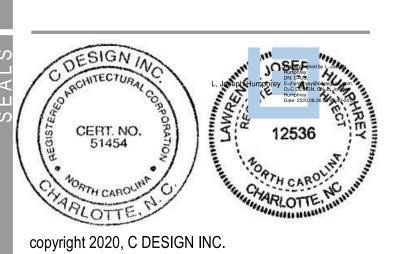
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7
12 A5.02
12 A5.01 A2.01 03
GALV METAL GUARD RAIL 09/ A8.04
LO/ GALV M GUARI
02 1/8" = 1'-0" FIRST FLOOR







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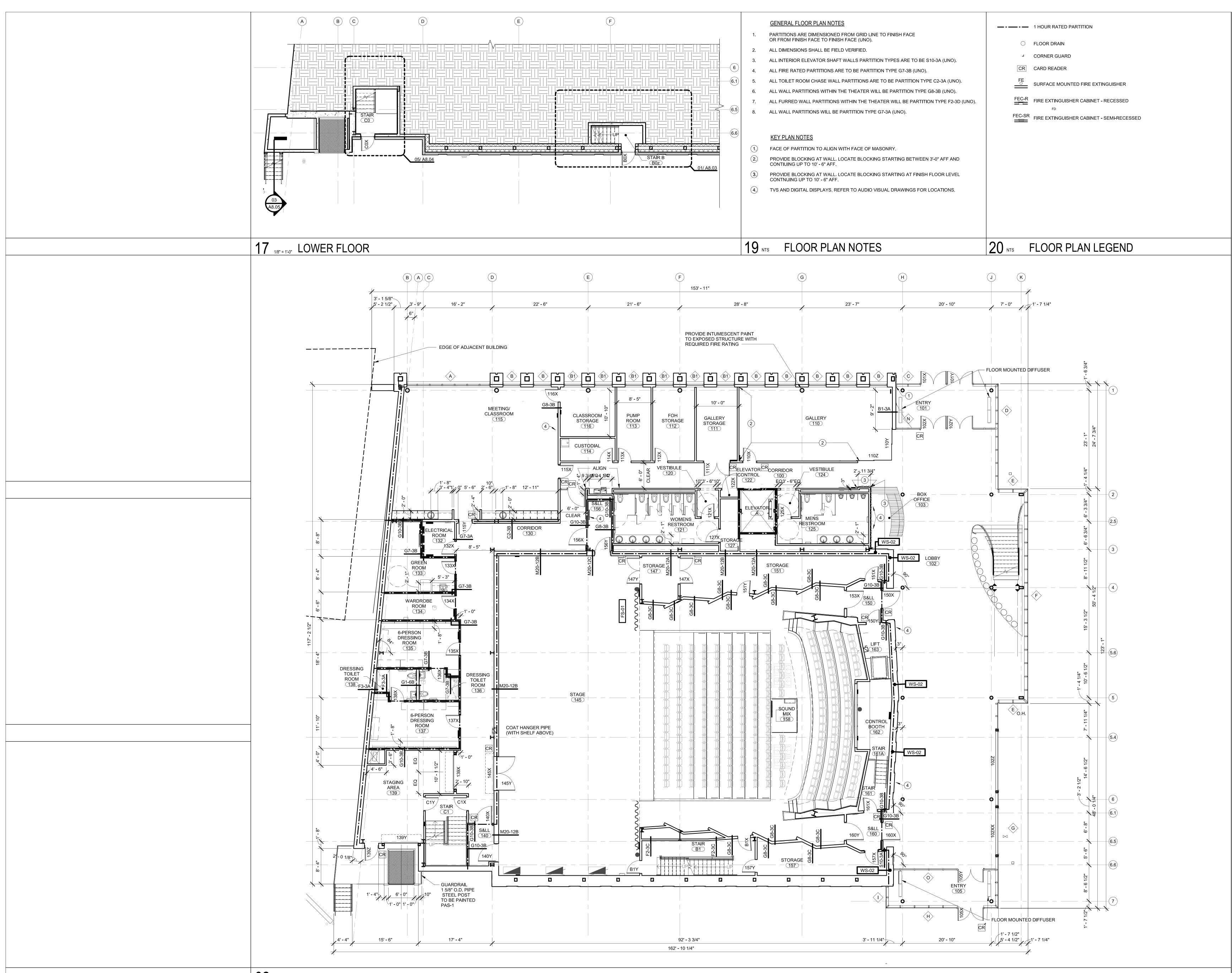
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FIRST FLOOR PLAN -DIMENSION AND ANNOTATIONS PLAN

PLAN NORTH DATE

0604-0422 08.24.2020

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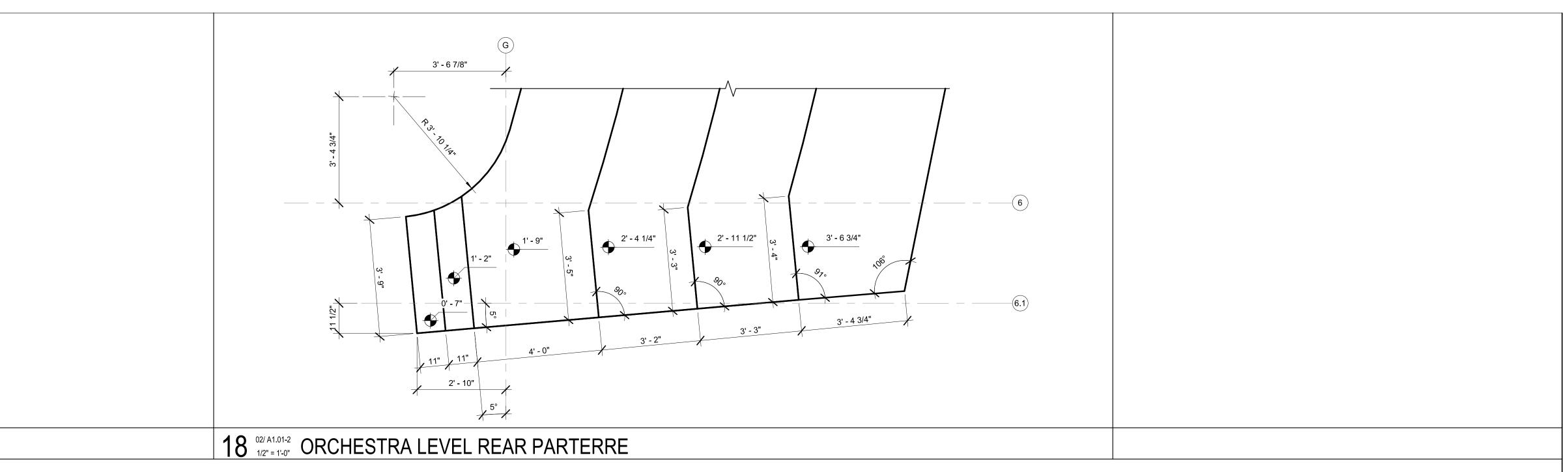


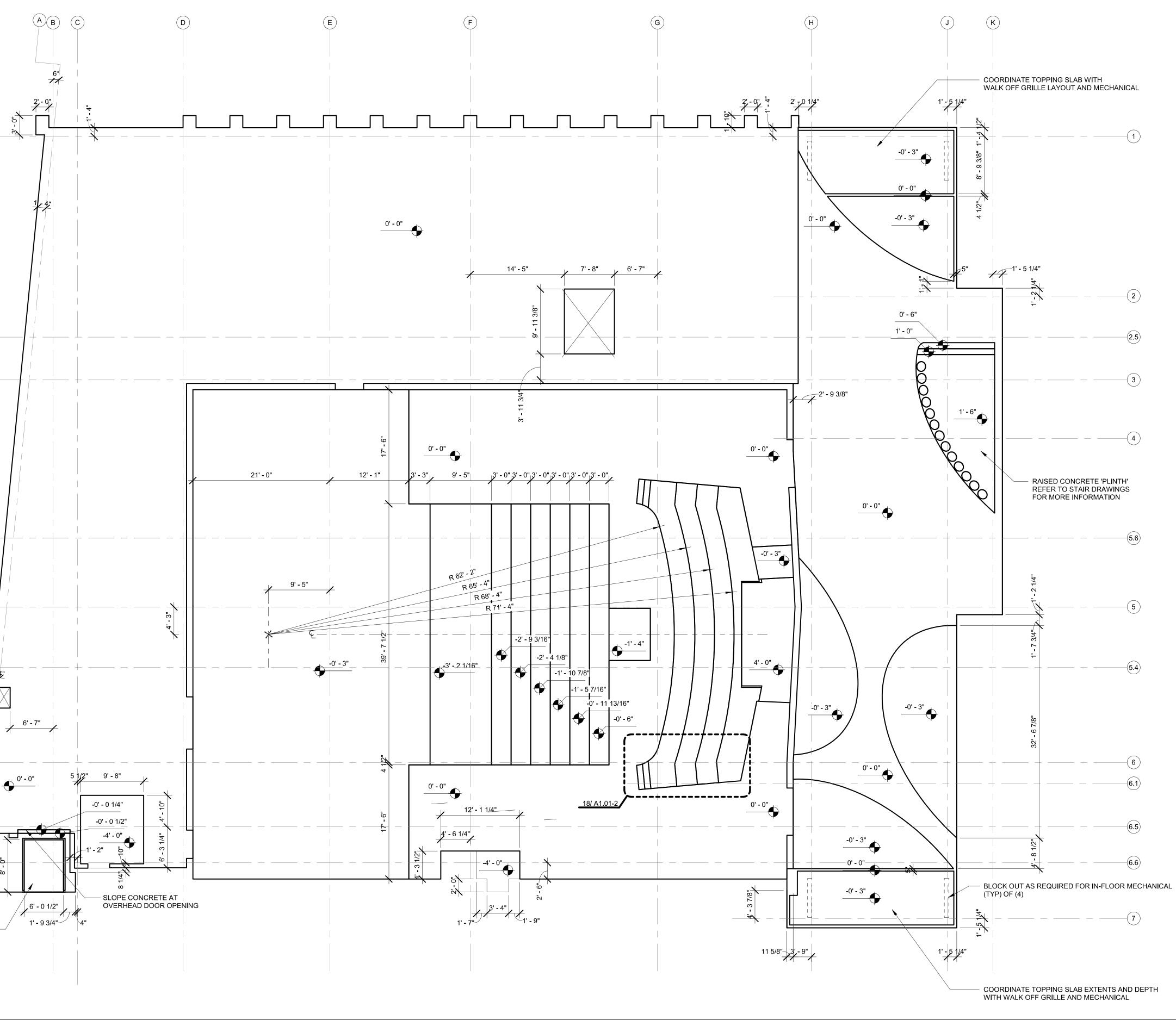
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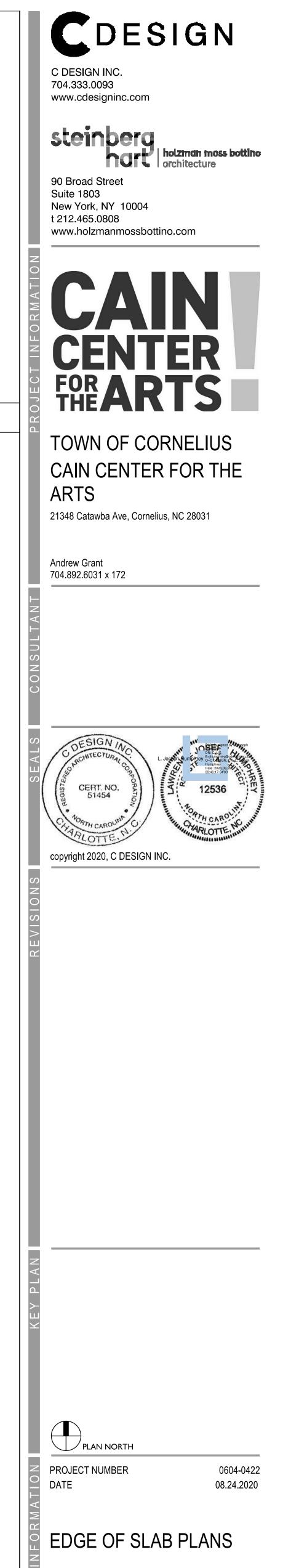
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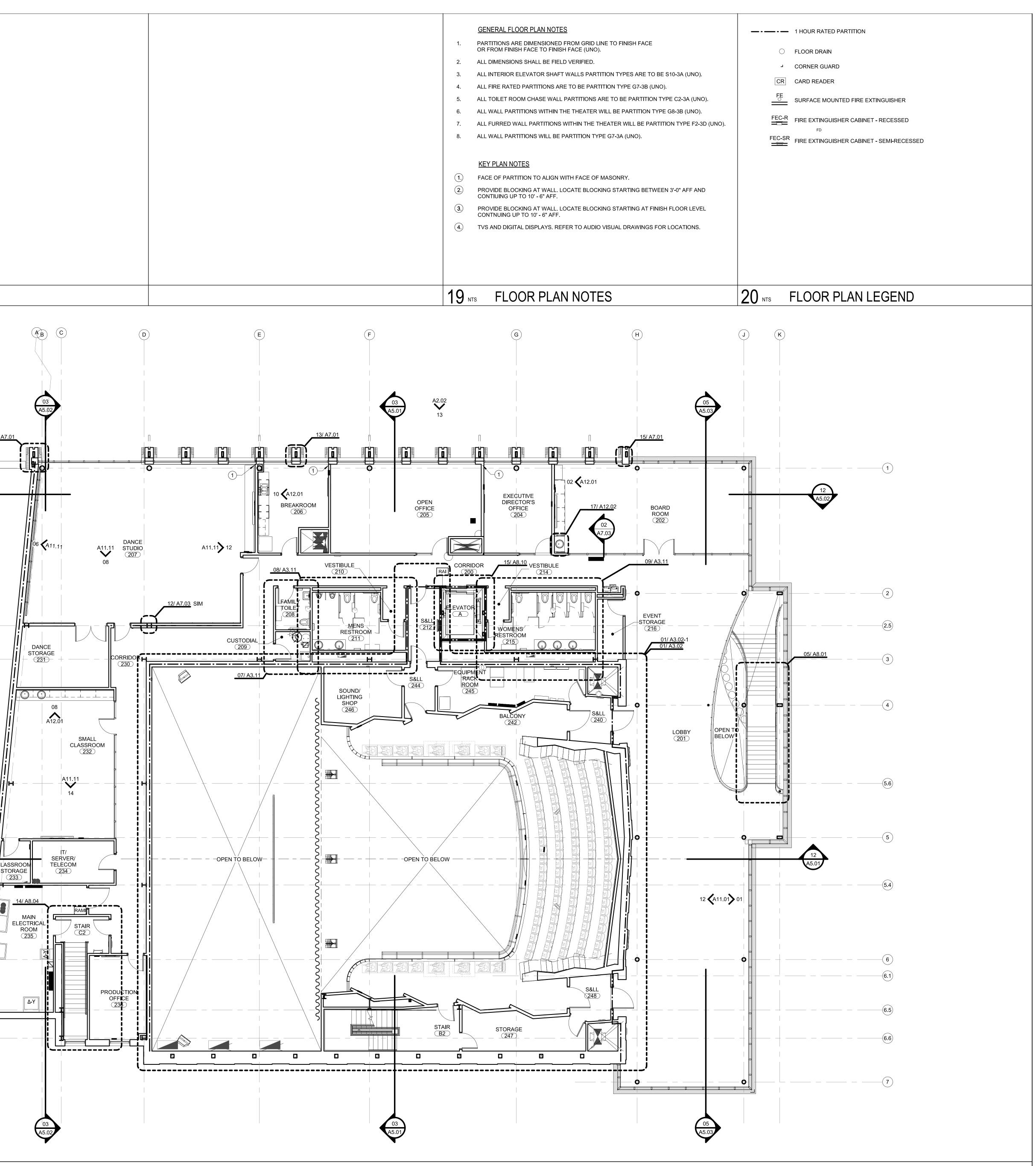






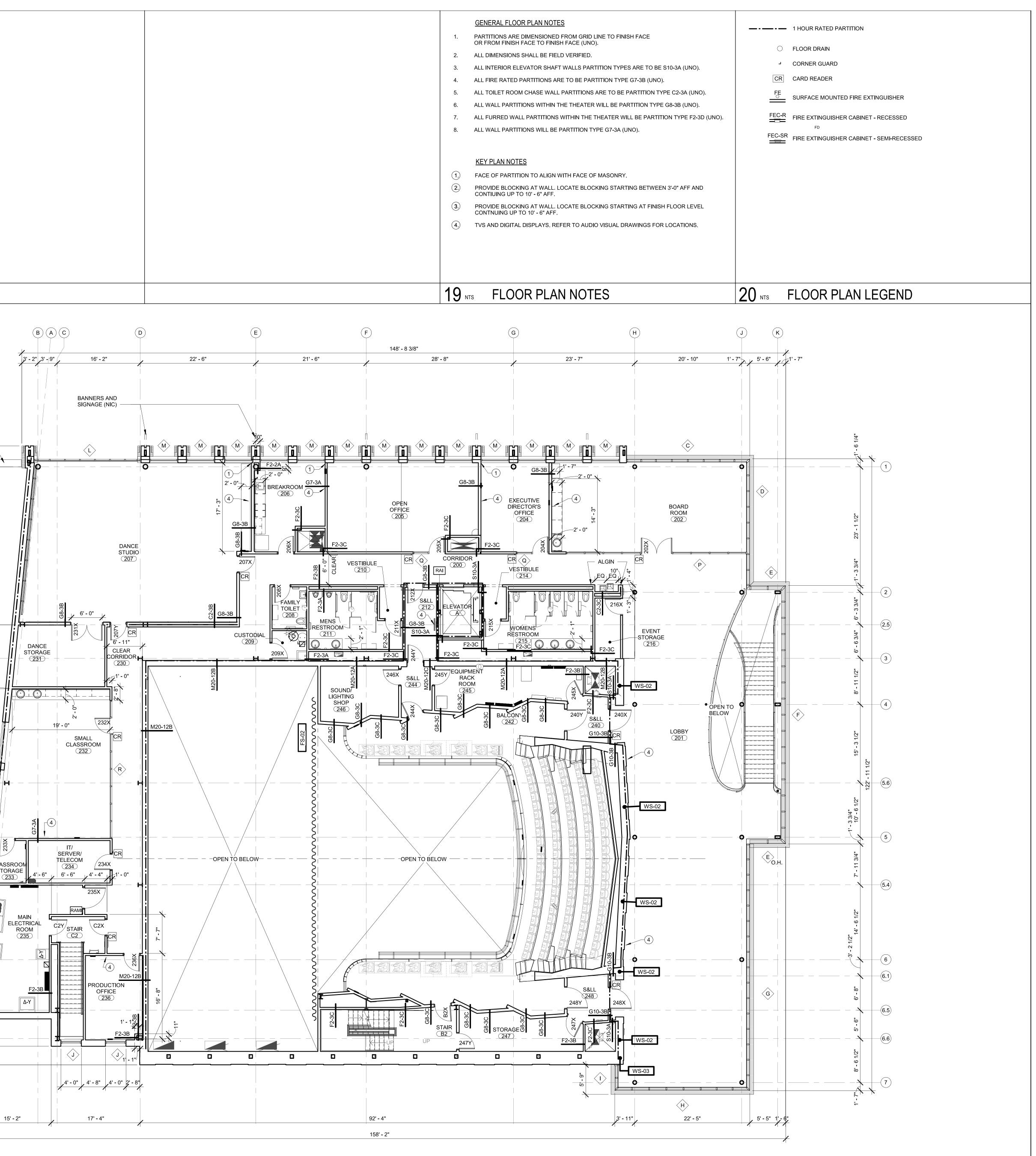
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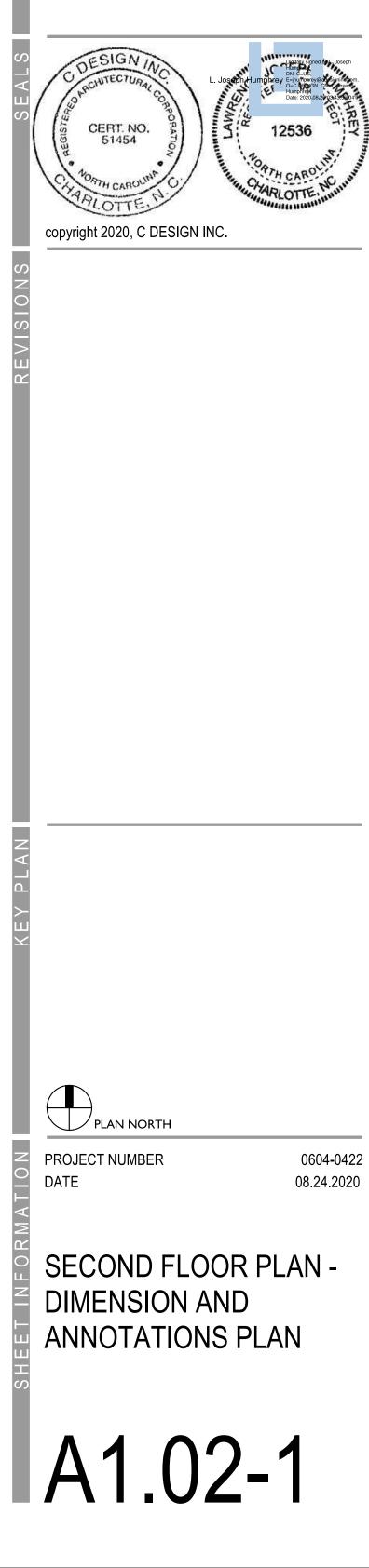
	<u>17/ A7</u>
	A5.02
	A2.01 03
	02 IN SECOND FLOOR





ARCHITECTURAL PRECAST COPING - PC-04
8'-8" 8'-8" 8'-8" 8'-9" 120'-6"
02 ^{19/ A1.00} SECOND FLOOR





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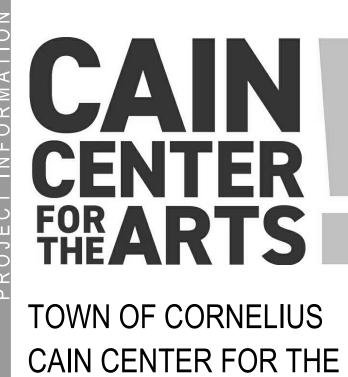
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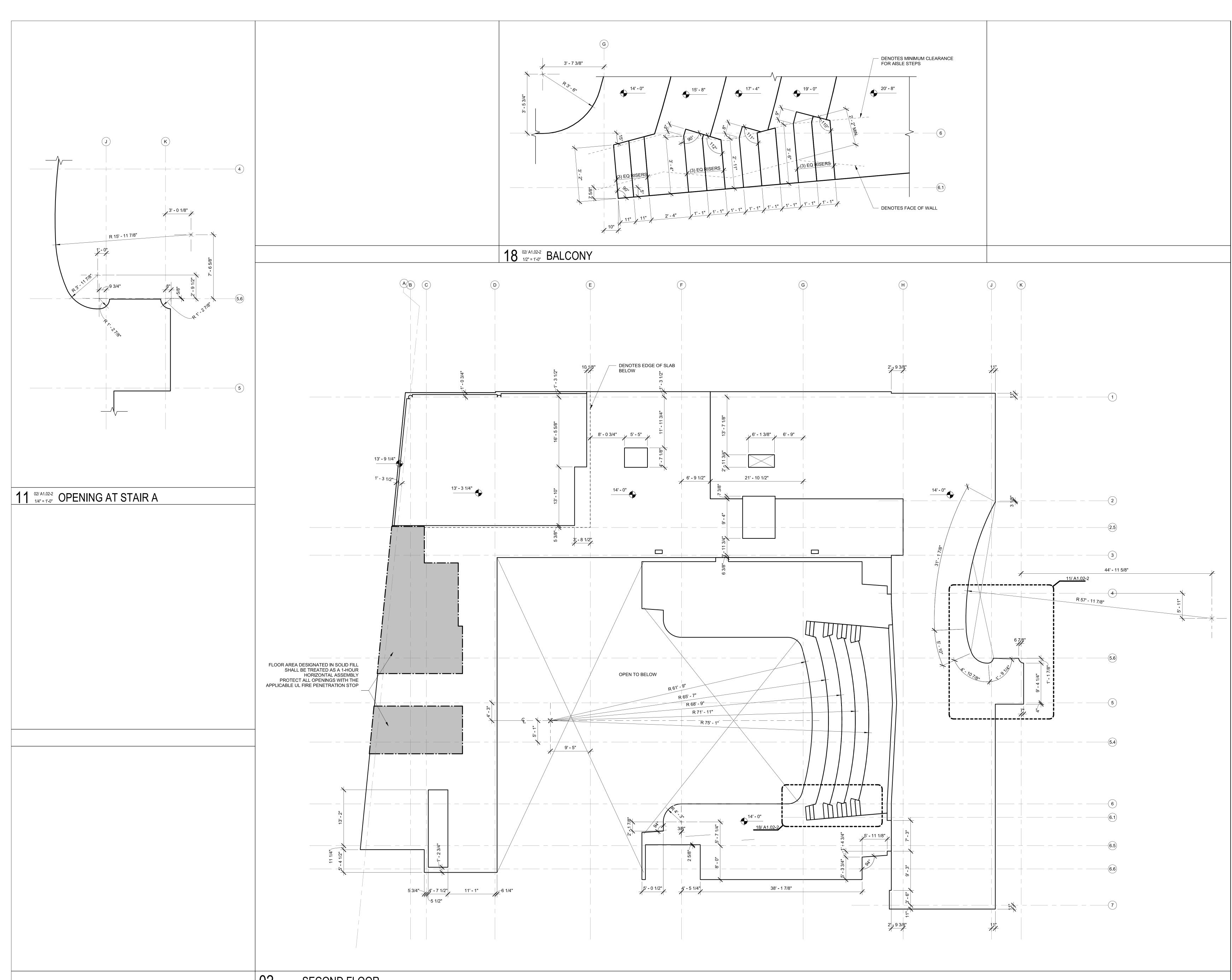
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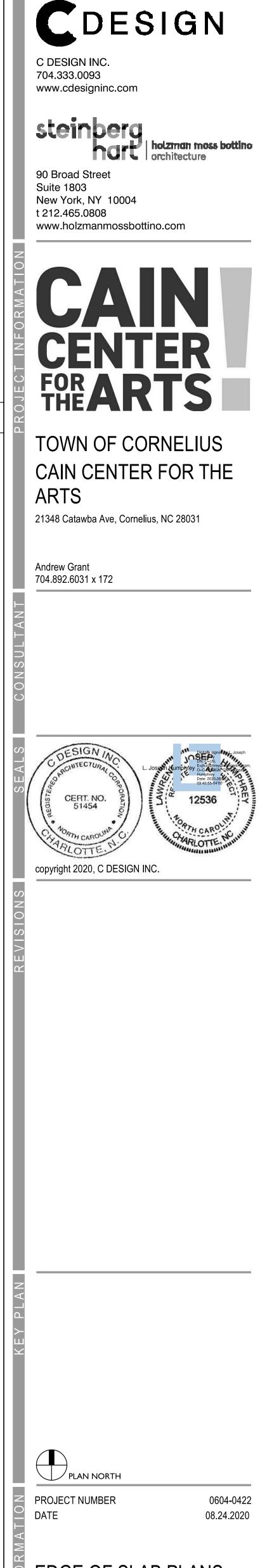
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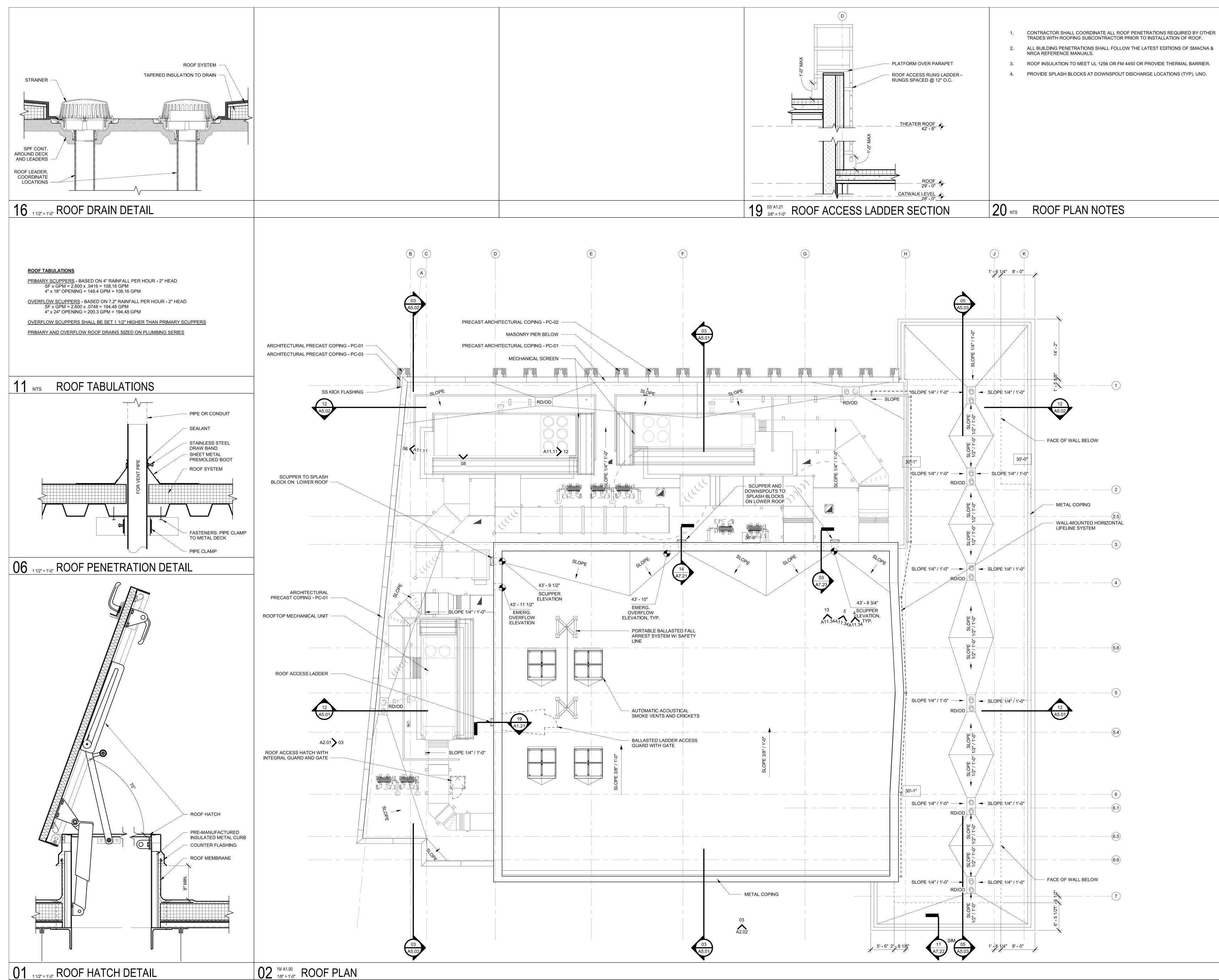


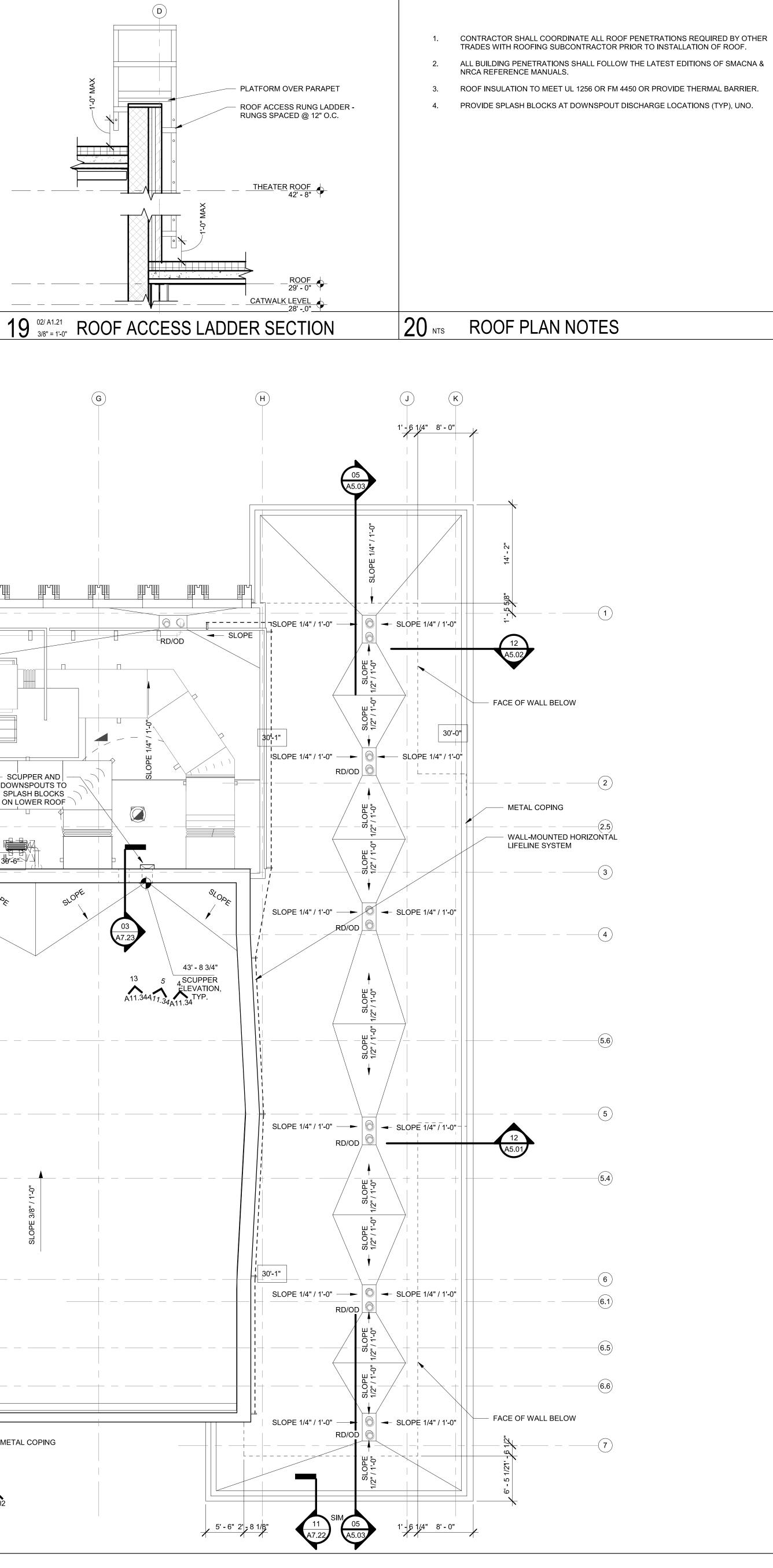
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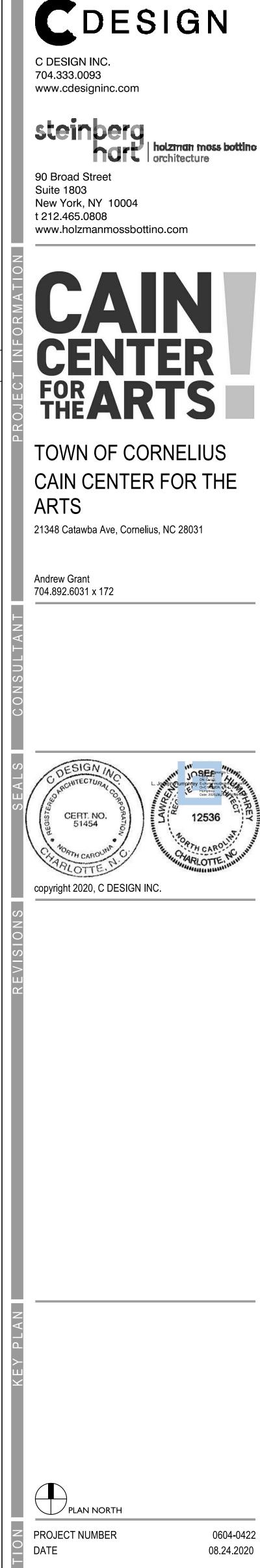


EDGE OF SLAB PLANS





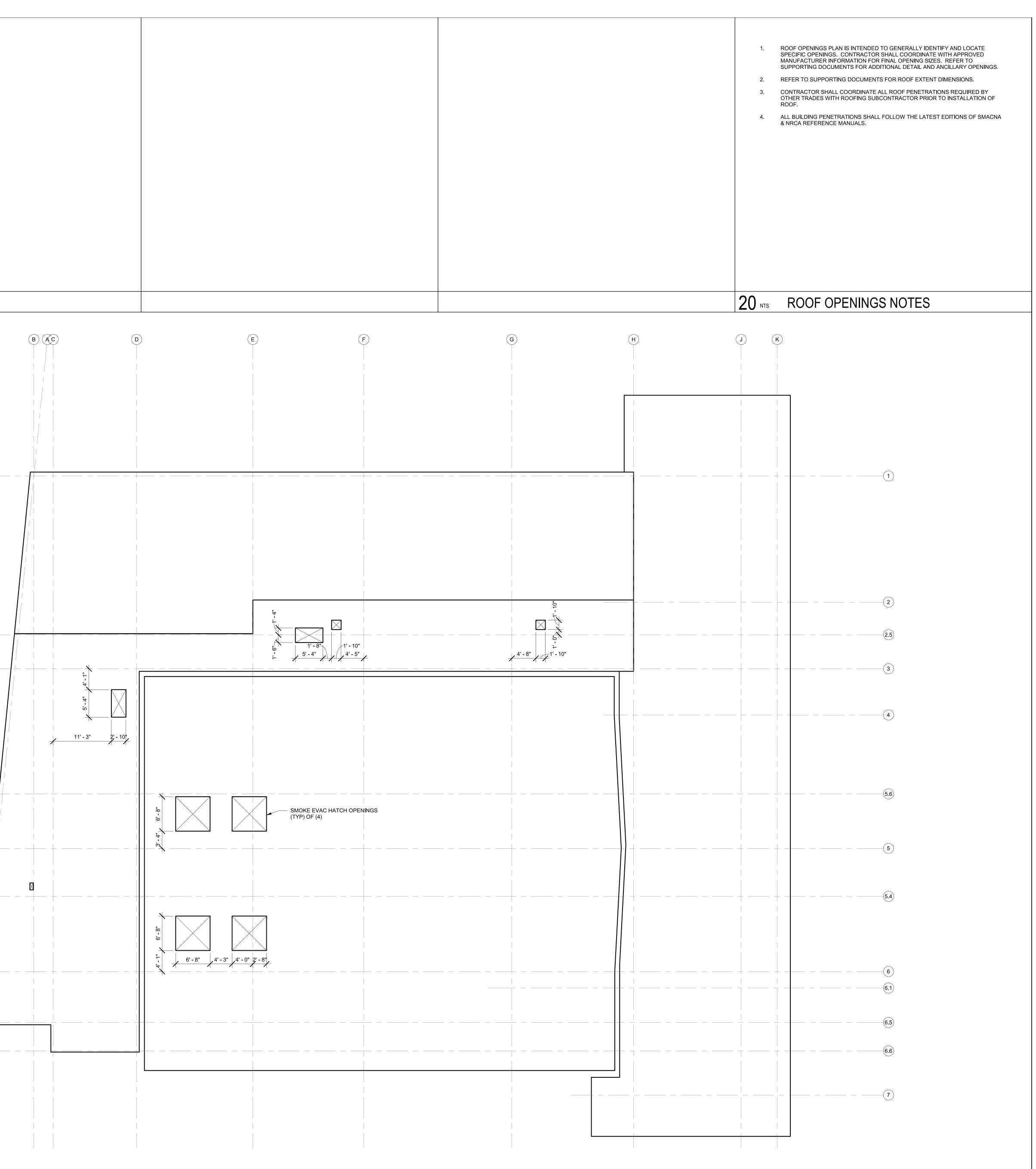




ROOF PLAN & ROOF DETAILS



	02 ^{19/ A1.00} 1/8" = 1'-0" ROOF OPENINGS



S PLAN

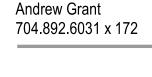


ROOF OPENINGS PLAN

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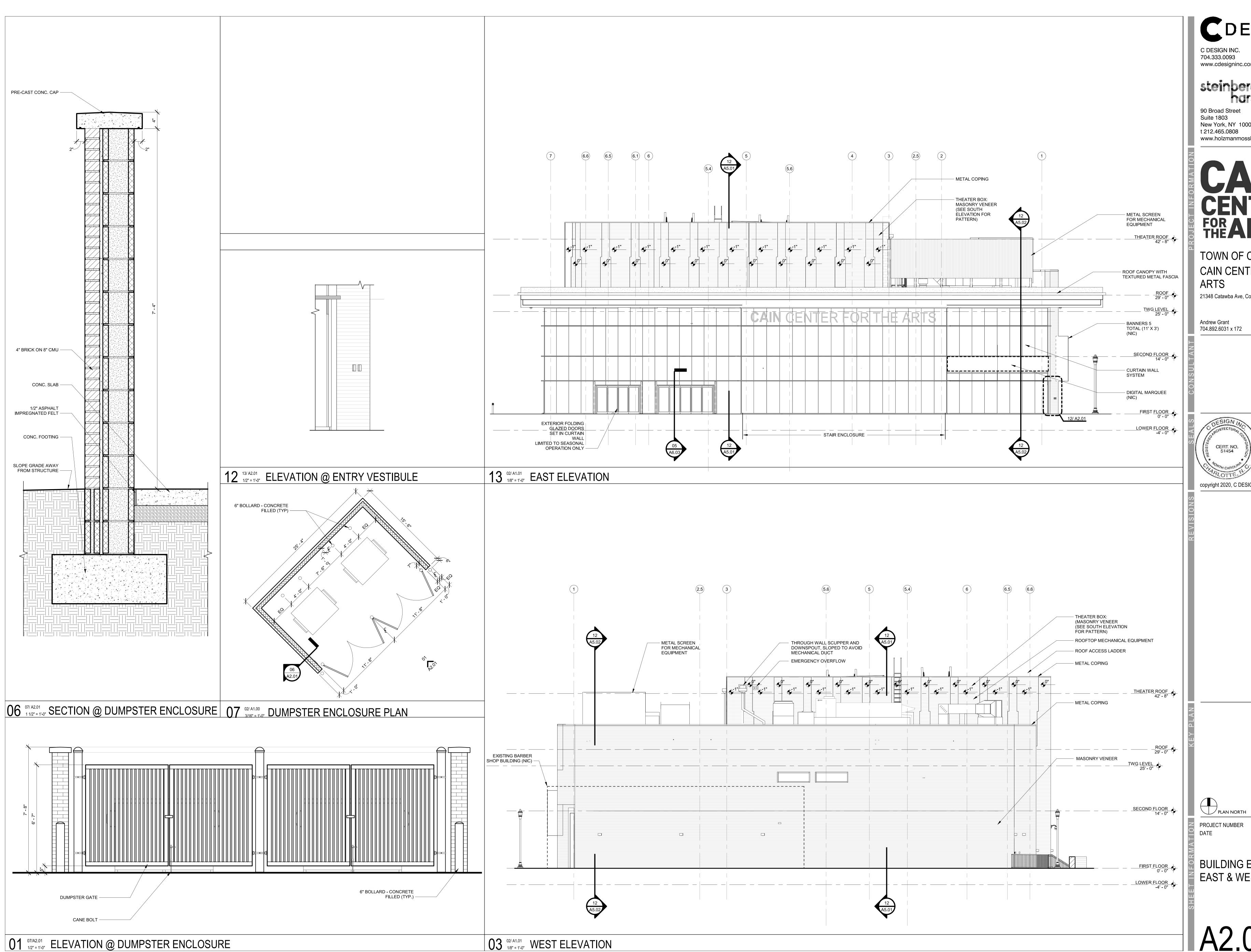
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01 ^{07/A2.01} ELEVATION @ DUMPSTER ENCLOSURE



BUILDING ELEVATIONS EAST & WEST

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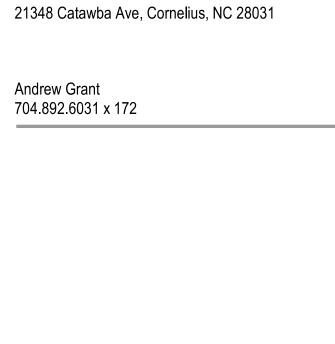
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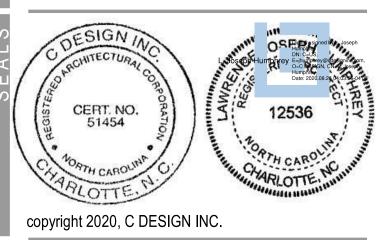
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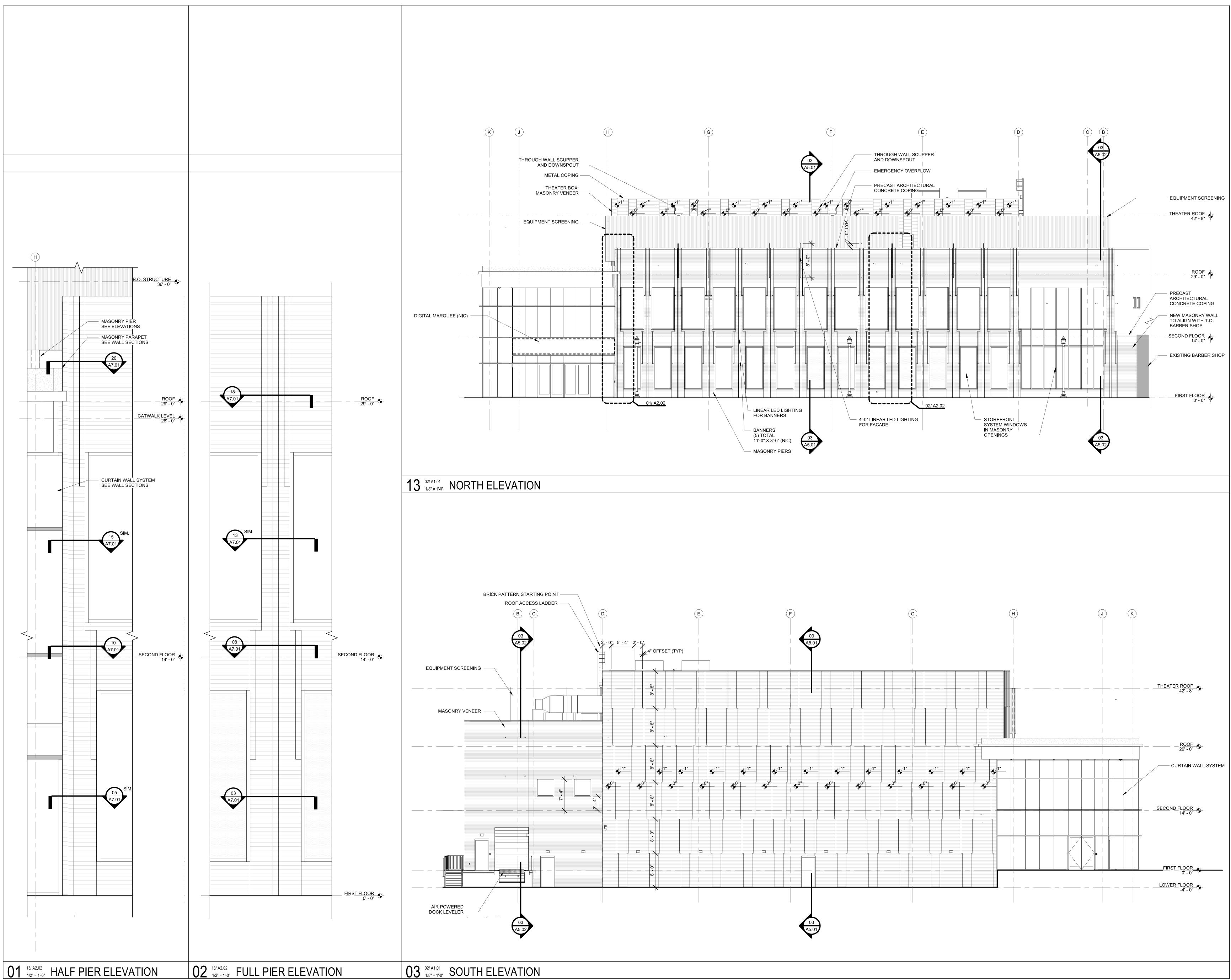
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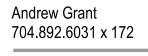
BUILDING ELEVATIONS NORTH & SOUTH

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