



Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No: B19004037

Building Address: 10100 TOWN & HOME ROAD
City: COLUMBIA State: MD Zip Code: 21044
Suite/Apt. # C-121 SDP/WP/BA #: _____
Subdivision: _____
Lot: _____ Tax Map: _____ Parcel: _____
Existing Use: NONE
Proposed Use: PORTABLE BATH - REFUSE
Estimated Construction Cost: \$ 200,000
Description of Work: new shell interior build out
including plumbing
and paint throughout
Occupant/Tenant Name: NACOR, INC. LLC
Was tenant space previously occupied? ☐ Yes ☒ No
Contact Name: JOHN A. MILES
Address: 3209 WISCONSIN PIKE
City: FREDERICK State: MD Zip Code: 21704
Phone: 301-578-0719 Fax: _____
Email: john.miles@nacorinc.com

Property Owner's Name: KETTER, THE HOME DEPOT CO.
Address: 10960 COLUMBIAN BLVD
City: COLUMBIA State: MD Zip Code: 21044
Phone: 410-333-9248 Fax: _____
Email: mark.johnson@homedepot.com
Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____
Contractor Company: TED
Contact Person: _____
Address: _____
City: _____ State: _____ Zip Code: _____
License No.: _____
Phone: _____ Fax: _____
Email: _____
Engineer/Architect Company: Architectural Concepts
Responsible Design Prof.: AL DUBOIS
Address: 444 2nd St
City: FREDERICK State: MD Zip Code: 21704
Phone: 301-578-0719 Fax: _____
Email: architecturalconcepts.com

Commercial Building Characteristics	Residential Building Characteristics
Height: <u>15'</u>	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories: <u>ONE</u>	Depth Width
Gross area, sq. ft./floor: <u>1292</u>	1st floor:
	2nd floor:
Area of construction (sq. ft.): <u>1292</u>	Basement:
	<input type="checkbox"/> Finished Basement
Use group: <u>B</u>	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units:
<input checked="" type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
➤ Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply
<input checked="" type="checkbox"/> Public
<input type="checkbox"/> Private
Sewage Disposal
<input checked="" type="checkbox"/> Public
<input type="checkbox"/> Private
Heating System
<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
Other:
Sprinkler System:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Grading Permit Number:
Building Shell Permit Number: <u>B15 000 79</u>

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: John A. Miles

Print Name: John A. Miles

Email Address: john.miles@nacorinc.com

Date: 15 NOV 2019

Title/Company: OWNER, NACOR, INC. LLC

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Control approval required for issuance? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
CONSTRUCTION START		

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$ 25.00
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

White: Building Officials

Green: PSZA, Zoning

Yellow: PSZA, Engineering

Pink: Health

Gold: SHA



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

December 13, 2019

NUCLEAR SMILES, LLC
10100 Twin Rivers Road
Columbia, MD 21044

Sent via email to: DRMOLES@MOLESORTHO.COM

RE: Building Permit # B19004037
10100 Twin Rivers Road
Columbia, MD 21044

Dear Dr. Moles,

This letter is in response to building permit **B19004037**. The building permit application and plans indicate that the proposed work may include x-ray related equipment that will need to be reviewed and registered with Maryland Department of the Environment, Air Quality Program, Air and Radiation Management Administration. If you have any questions you may contact the Air Quality Permits Program at (410) 537-3230.

Your building permit has been approved by this Department. I may be reached at (410) 313-2775 if you would like to discuss the project in more detail.

Respectfully,

Dana Bernard

Dana Bernard, L.E.H.S.
Well & Septic Program
Bureau of Environmental Health

MEANS OF EGRESS:

NUMBER OF EXITS - MIN. OF 2 SHALL BE PROVIDED
REQUIRED BY 2015 IBC SECTION 1006
BUSINESS (B) - MIN. OF 2 PER N.F.P.A. 101, 2018 SECTION 30.2.4 AND SECTION 7.4

ILLUMINATION OF MEANS OF EGRESS - SHALL BE PROVIDED
REQUIRED BY 2015 IBC SECTION 1008
BUSINESS (B) - MIN. OF 2 PER N.F.P.A. 101, 2018 SECTION 30.2.8 AND SECTION 7.8

EMERGENCY LIGHTING - SHALL BE PROVIDED
BUSINESS (B) - PER N.F.P.A. 101, 2018 SECTION 30.2.9 AND SECTION 7.9

ILLUMINATED EXIT SIGNS - SHALL BE PROVIDED
REQUIRED BY 2015 IBC SECTION 1003
BUSINESS (B) - PER N.F.P.A. 101, 2018 SECTION 30.2.10 AND SECTION 7.10

EGRESS DISTANCES

(N.F.P.A. 101 2018, TABLE A.7.6):

COMMON PATH OF TRAVEL BUSINESS (B)	SPRINKLERED 100'
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DEAD END TRAVEL DISTANCE BUSINESS (B)	50'
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MAX. TRAVEL DISTANCE TO EXIT BUSINESS (B)	300'
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OCCUPANCY:

THE PROPOSED USE "BUSINESS", FURTHER CATEGORIZED AS "PROFESSIONAL SERVICES" IS PRESCRIBED AN OCCUPANT LOAD BASED UPON THE I. B. C. 2018, SECTION 304 OF ONE OCCUPANT PER 100 SQUARE FEET OF GROSS FLOOR AREA FOR A TOTAL OF 12 OCCUPANTS, WHICH CORRELATES TO THE PROJECTED STAFF/CLIENT PROJECTIONS FOR THE SPACE, ONE ORTHODONTIST, TWO PROFESSIONAL STAFF AND TWO CLIENTS PER PROFESSIONAL STAFF MEMBER FOR A TOTAL OF 10 OCCUPANTS IN THE SPACE ON A NORMAL BUSINESS DAY

CODE COMPLIANCE:

THIS TENANT SPACE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE, 2018 N.F.P.A. 101 LIFE SAFETY CODE, 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2018 INTERNATIONAL MECHANICAL CODE, 2018 INTERNATIONAL PLUMBING CODE, 2011 NATIONAL ELECTRICAL CODE WITH LOCAL AMENDMENTS AND 2010 ADAAG AND REVISIONS.

BUILDING USE GROUPS & TYPE OF CONSTRUCTION

NON-SEPARATED MIXED USE GROUPS - BUSINESS (B), MERCANTILE (M) ASSEMBLY (RESTAURANT) (A-2) ARE PERMITTED WITH CONSTRUCTION TYPE - 2-A PROTECTED NON COMBUSTIBLE

ALLOWABLE HEIGHT # OF STORIES

PROPOSED OCCUPANCY - BUSINESS (B) TENANT SPACE C-121
ALLOWABLE HEIGHT - 15' FEET ; NUMBER OF STORIES -3

ALLOWABLE AREA

PROPOSED AND EXISTING OCCUPANCIES WITHIN THE EXISTING BUILDING ADJACENT TO NU CLEAR SMILES INCLUDE ASSEMBLY (A2)(RESTAURANT) MERCANTILE (M) & BUSINESS (B), REQUIRED SEPARATIONS BETWEEN USES IS ONE HOUR, MAX. SEPARATIONS ARE EXISTING, CONSTRUCTED WITH BASE BUILDING
ALLOWABLE AREA - 28,500 SQ. FT.-MOST RESTRICTIVE USE, ASSEMBLY(A-2)
PROPOSED BUILDING AREA - EXISTING
PROPOSED TENANT SPACE - 1,202 SQ. FT. APROX.

FIRE RESISTANCE RATINGS OF
BUILDING ELEMENTS

CONSTRUCTION TYPE II-A	
STRUCTURAL FRAME - COLUMNS, TRUSSES ETC.	1 HR.
EXTERIOR BEARING WALLS	1 HR.
INTERIOR BEARING WALLS	1 HR.
NON BEARING WALLS & PARTITIONS	0 HR.
FLOOR CONSTRUCTION, BEAMS AND JOISTS	1 HR.
ROOF CONSTRUCTION, BEAMS AND JOISTS	1 HR.

ALL MAJOR STRUCTURAL ELEMENTS REQUIRING RATINGS ARE EXISTING TO REMAIN

FIRE EXTINGUISHERS:

PORTABLE FIRE EXTINGUISHERS ARE REQUIRED, INSTALLED PER N.F.P.A. 10 PER THE DIRECTION OF THE FIRE MARSHALL

INTERIOR FINISHES:

INTERIOR FINISHES TO BE CLASS "A" & "B" FINISHES FOR LESS THAN 300 OCCUPANTS

FIRE ALARM:

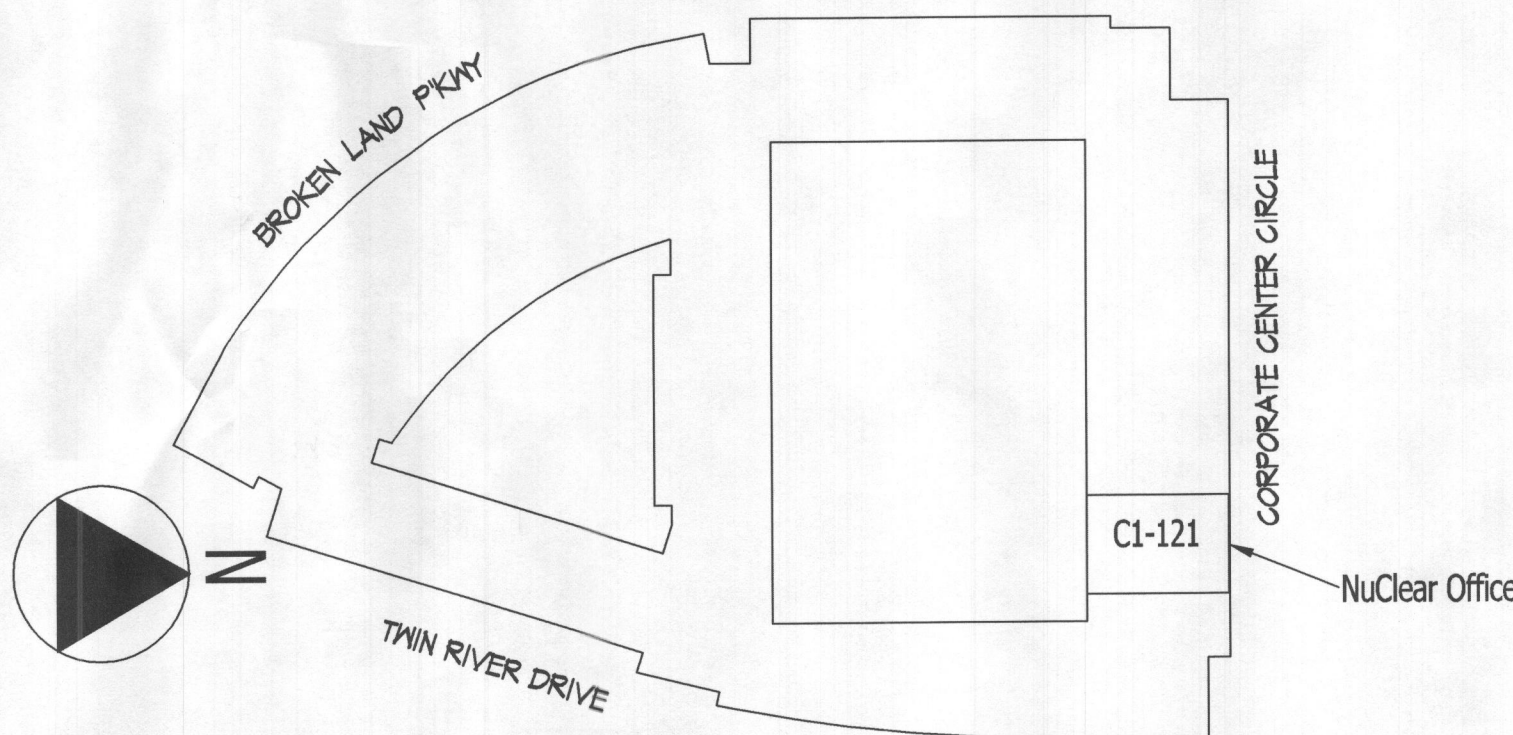
PROVIDE PULL STATIONS AT EXITS.

SMOKE DETECTOR:

BUSINESS (B), REQUIRED PER N.F.P.A. 101, 2018 SECTION 9.6 CONNECT NEW DEVICES TO THE EXISTING SYSTEM IN ACCORDANCE WITH THE PRECEDING SECTIONS AND ARTICLES

FIRE SPRINKLERS:

AUTOMATIC FIRE SUPPRESSION SYSTEM IS REQUIRED TO BE INSTALLED PER NFPA 13, SYSTEM IS EXISTING, INSTALLED UNDER SHELL BUILDING PERMIT WITH SUPPLY LINES AND HEADS IN THE EXISTING SPACE. MODIFICATIONS TO THE EXISTING SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. SPRINKLER CONTRACTOR SHALL OBTAIN APPROVAL AND PERMIT PRIOR TO MODIFICATIONS TO THE SYSTEM



KEY PLAN-LOCATION MAP

NEW ORTHODONTIC OFFICE
DR. JON MOLES

NUCLEAR SMILES

10100 TWIN RIVERS ROAD P. O. BOX 833
COLUMBIA, MARYLAND 20144
SUITE C1-121

INDEX OF DRAWINGS:

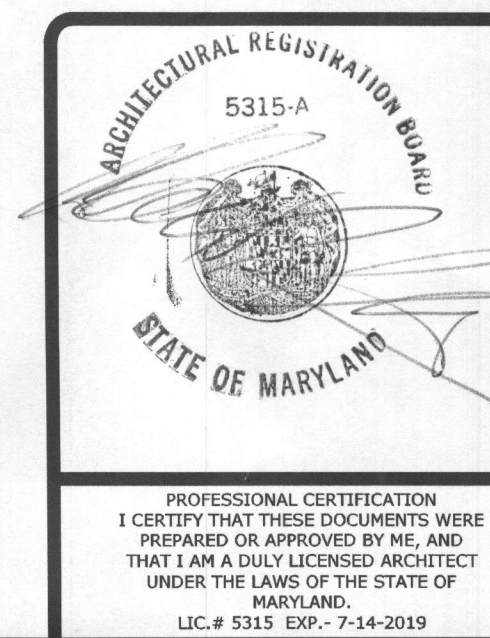
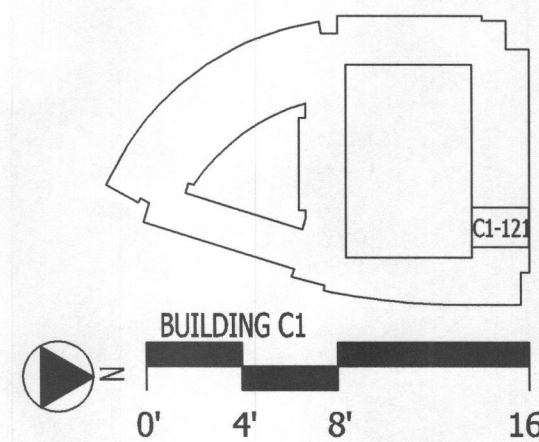
CS	COVER SHEET
E, C & D 001	EXISTING CONDITIONS & DEMOLITION
A-001	FLOOR PLAN, MECHANICAL MEZZANINE PLAN, ENTRANCE ELEVATION, DETAILS
A-002	REFLECTED CEILING PLAN, TOILET & BRUSHING COUNTER ELEVATIONS
A-003	BUILDING SECTIONS/INTERIOR ELEVATIONS
A-004	BUILDING SECTIONS/INTERIOR ELEVATIONS
A-005	CEILING, BEAM, VALENCE & CABINET DETAILS
A-006	DETAILS, MECH. MEZZ. FRAMING PLAN
E-1	LIGHTING PLAN
E-2	POWER PLAN
FA-1	FIRE ALARM SYSTEM
FP-2	SPRINKLER PLAN
M-1	HVAC PLAN
ME-1	MECHANICAL & LIGHTING CERTIFICATION
ME-2	MECHANICAL & LIGHTING CERTIFICATION
P-1	PLUMBING PLAN

SCOPE OF WORK:

THE SCOPE OF WORK INCLUDES INTERIOR CONSTRUCTION OF A NEW ORTHODONTIST OFFICE IN A PREVIOUSLY VACANT-SINCE-NEW SPACE IN "BUSINESS TRUST, PARCEL C-1", 10100 TWIN RIVERS ROAD, COLUMBIA, MD. THE EXISTING BUILDING IS A MIXED USE STRUCTURE INCLUDING OFFICE AND RETAIL USE, RESTAURANTS AND RESIDENTIAL USES. THE WORK INCLUDES INTERIOR PARTITIONS AND FINISHES, PLUMBING, ELECTRICAL AND MECHANICAL WORK AND NEW SIGNAGE.

GENERAL NOTES:

- INTERIOR DIMENSIONS ARE SHOWN FROM FACE OF STUD TO FACE OF STUD, OR FROM EXISTING FINISH SURFACE TO FACE OF NEW STUDS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODES AS NOTED IN THESE DRAWINGS
- CONTRACTOR SHALL OBTAIN A BUILDING PERMIT FOR THE CONSTRUCTION OF THE BUILDING, SUB-CONTRACTORS SHALL OBTAIN REQUIRED TRADE PERMITS PRIOR TO COMMENCING WORK AND PROVIDE COPIES OF ALL PERMITS TO GENERAL CONTRACTOR
- ALL NEW DRYWALL SURFACES SHALL BE TAPED FINISHED AND TOUCH SANDED FOR A LEVEL 4 FINISH
- ALL SURFACES TO BE PAINTED, SHALL BE PRIMED WITH APPROPRIATE MATERIAL AND RECEIVE TWO FINISH COATS OF THE SELECTED FINISH, ACCENTS STRIPES, DECORATOR COATINGS, AND SIMILAR FINISHES SHALL BE APPLIED OVER THE REQUIRED SURFACE PAINTING
- NEW DOOR HARDWARE SHALL BE LEVER TYPE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND ACCESSIBILITY REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE
- PROVIDE BLOCKING, CONTINUOUS, CONCEALED IN PARTITIONS, SECURELY ANCHORED TO STUDDING AT ALL COUNTER TOPS, CABINETS, FIXTURES, GRAB BARS AND ACCESSORIES REQUIRING SOLID ANCHORAGE, TYPICAL
- CONTRACTOR SOLELY RESPONSIBLE FOR JOB SAFETY ON THE JOB SITE DURING CONSTRUCTION. CONTRACTOR TO ABIDE BY ALL INDUSTRY REGULATIONS INCLUDING MOSHA AND OSHA REQUIREMENTS.
- CONTRACTOR SHALL ABIDE BY LANDLORDS INSTRUCTIONS PERTAINING TO THE WORK, COPIES AVAILABLE FROM LANDLORD.
- PREPARE EXISTING SURFACES, FLOOR, WALLS, ETC., TO RECEIVE NEW FINISHES. ALL FINISHES ARE TO BE SELECTED BY TENANT, CONTRACTOR SHALL COORDINATE WITH TENANT ON TYPE AND COLORS OF FINISHES AND WHAT MATERIALS ARE TO BE PROVIDED BY TENANT AND INSTALLED BY CONTRACTOR
- SIGN CONTRACTOR SHALL APPLY FOR PERMIT FOR INSTALLATION OF MARQUEE SIGN AND PROVIDE ALL DOCUMENTATION NEEDED TO OBTAIN PERMIT INCLUDING STRUCTURAL SUPPORTS PRIOR TO FABRICATION AND INSTALLATION OF SIGN
- CONTRACTOR SHALL COORDINATE WITH TENANT'S EQUIPMENT PROVIDERS FOR ROUGH IN INSTALLATION, UNDER FLOOR WORK AND OVERHEAD WORK PRIOR TO INSTALLATIONS
- SEE DRAWING CS FOR GENERAL LANDLORD NOTES AND REQUIREMENTS. THIS DRAWING IS INCLUDED FOR INFORMATION AND THE LANDLORD'S STATED REQUIREMENTS SHALL BE BINDING ON ALL PARTIES ALTHOUGH THIS DRAWING, CS, IS NOT PART OF THE CONSTRUCTION DOCUMENTS AS PREPARED BY ARCHITECTURAL CONCEPTS GROUP, INC.
- THE PREMISES ARE BEING DELIVERED "AS-IS", LANDLORD WILL NOT PROVIDE CONSTRUCTION OF ANY TYPE DURING THE BUILD OUT OF THIS SPACE. TENANT'S CONTRACTORS SHALL INSPECT AND VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION.
- EXISTING EXIT DOOR HARDWARE SHALL INSPECTED FOR CONFORMANCE TO EXITING REQUIREMENTS OF N.F.P.A. AND A.D.A. , IF FOUND NOT TO BE IN COMPLIANCE, PROVIDE COMPLIANT HARDWARE INCLUDING PANIC DEVICE AND CLOSER ON NON-COMPLIANT DOORS.



COLUMBIA, MD. ORTHODONTIC OFFICE OF:

DR. JON MOLES

NuClear Smiles

PARCEL C BUSINESS TRUST Parcel C-1
10100 TWIN RIVERS ROAD P. O. BOX 833
COLUMBIA, MARYLAND 20144

DRAWING TITLE:
COVER SHEET,
GENERAL NOTES

ARCHITECTURAL CONCEPTS GROUP, INC.

COMMERCIAL ARCHITECTS RESIDENTIAL

424 WEST PATRICK STREET

FREDERICK, MARYLAND 21701

TEL: 301-831-8900 E-MAIL: archconcept@gmail.com

SCALE: NOTED

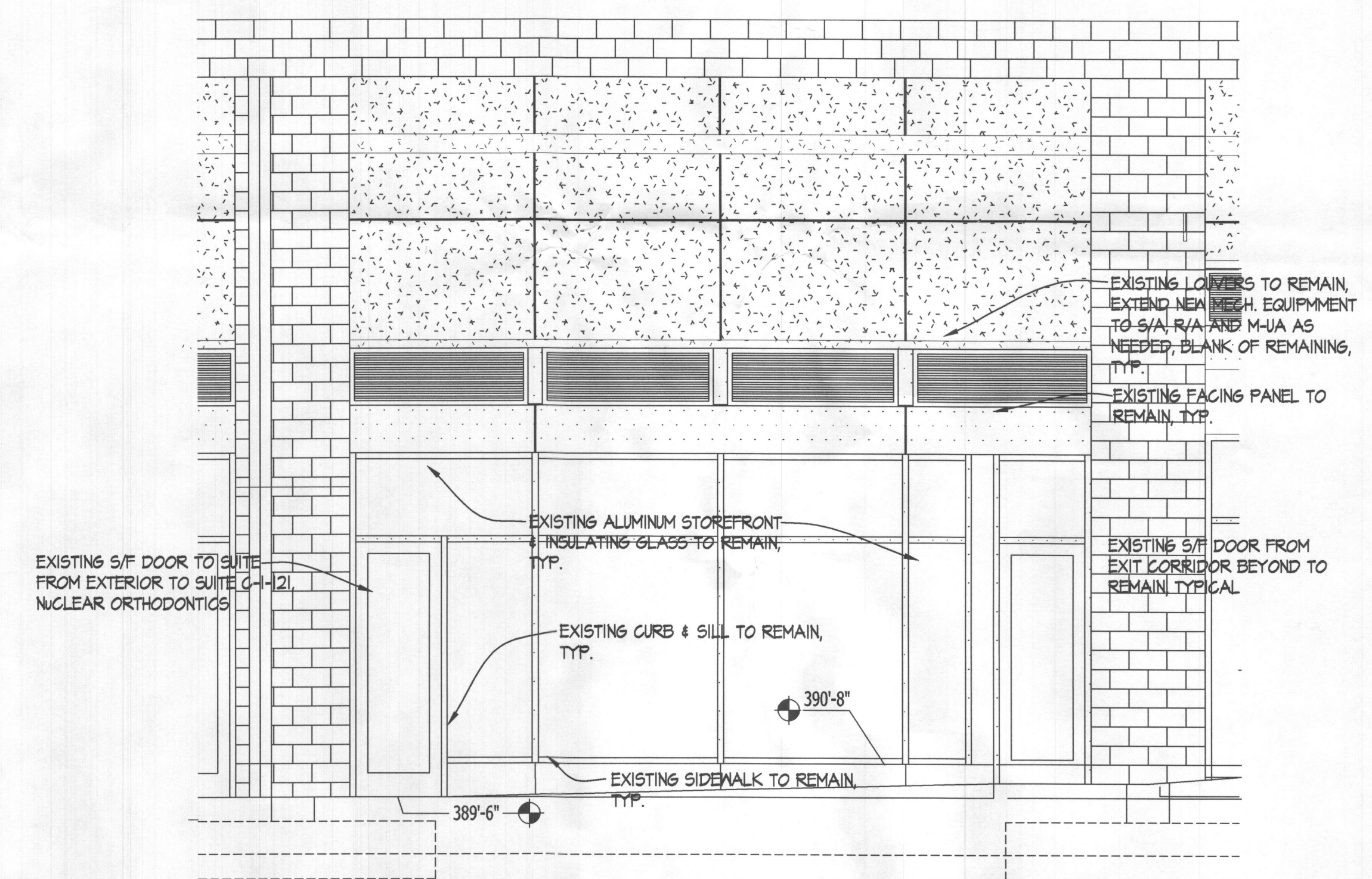
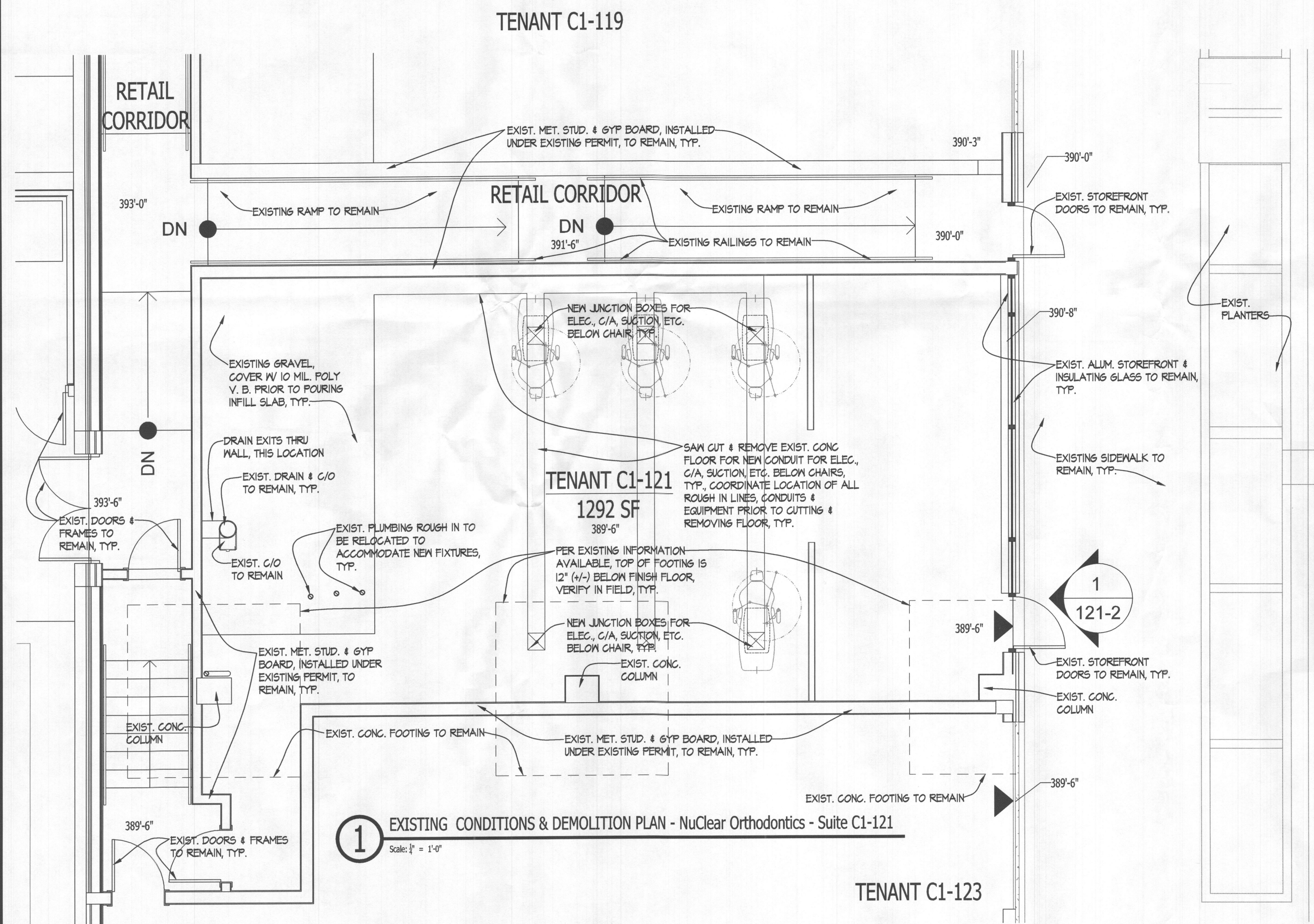
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C-S

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NOV 22 2019

LICENSES & PERMITS



ISSUED:
09-20-2019: LANDLORD REVIEW
11-20-2019: ISSUED FOR PERMIT

DRAWING TITLE:
EXISTING CONDITIONS &
DEMOLITION PLAN &
EXTERIOR ELEVATION

ARCHITECTURAL CONCEPTS GROUP, INC.

COMMERCIAL ARCHITECTS RESIDENTIAL
424 WEST PATRICK STREET
FREDERICK, MARYLAND 21701
TEL: 301-831-8900 E-MAIL: archconcept@gmail.com

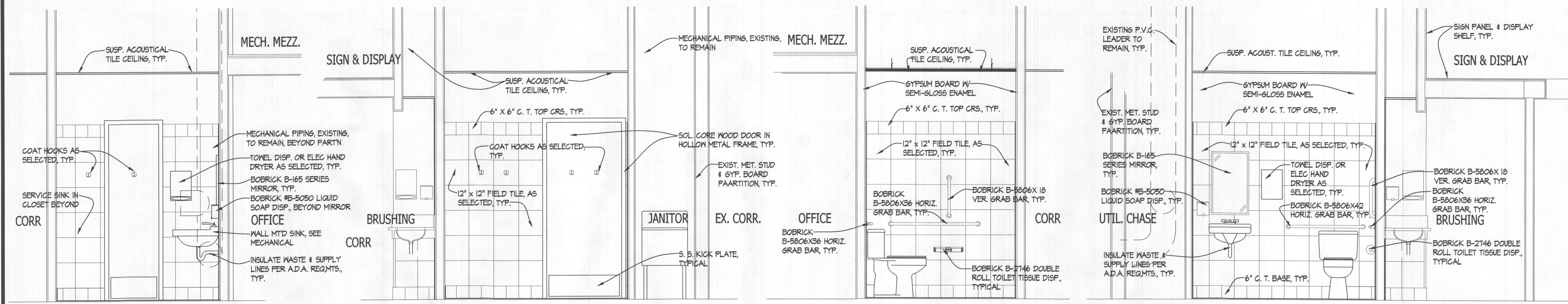
DR. JON MOLES
COLUMBIA, MD. ORTHODONTIC OFFICE OF:

Nuclear SMILES
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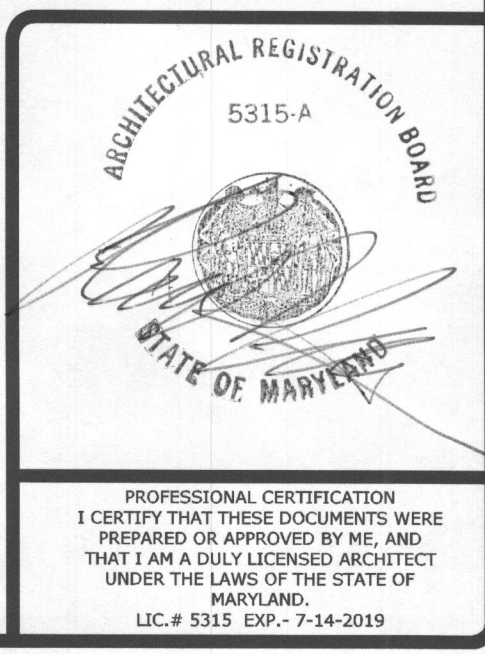
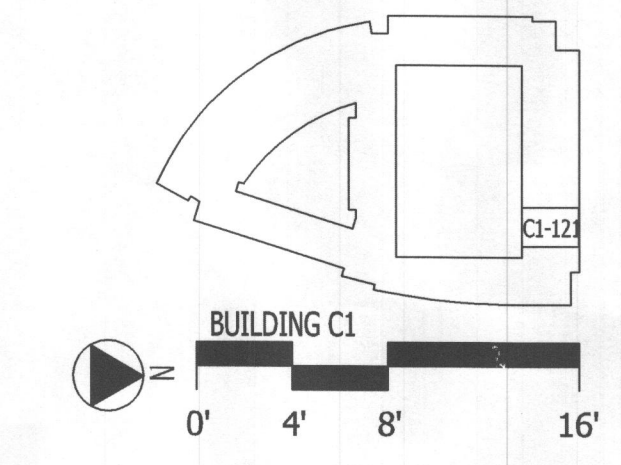
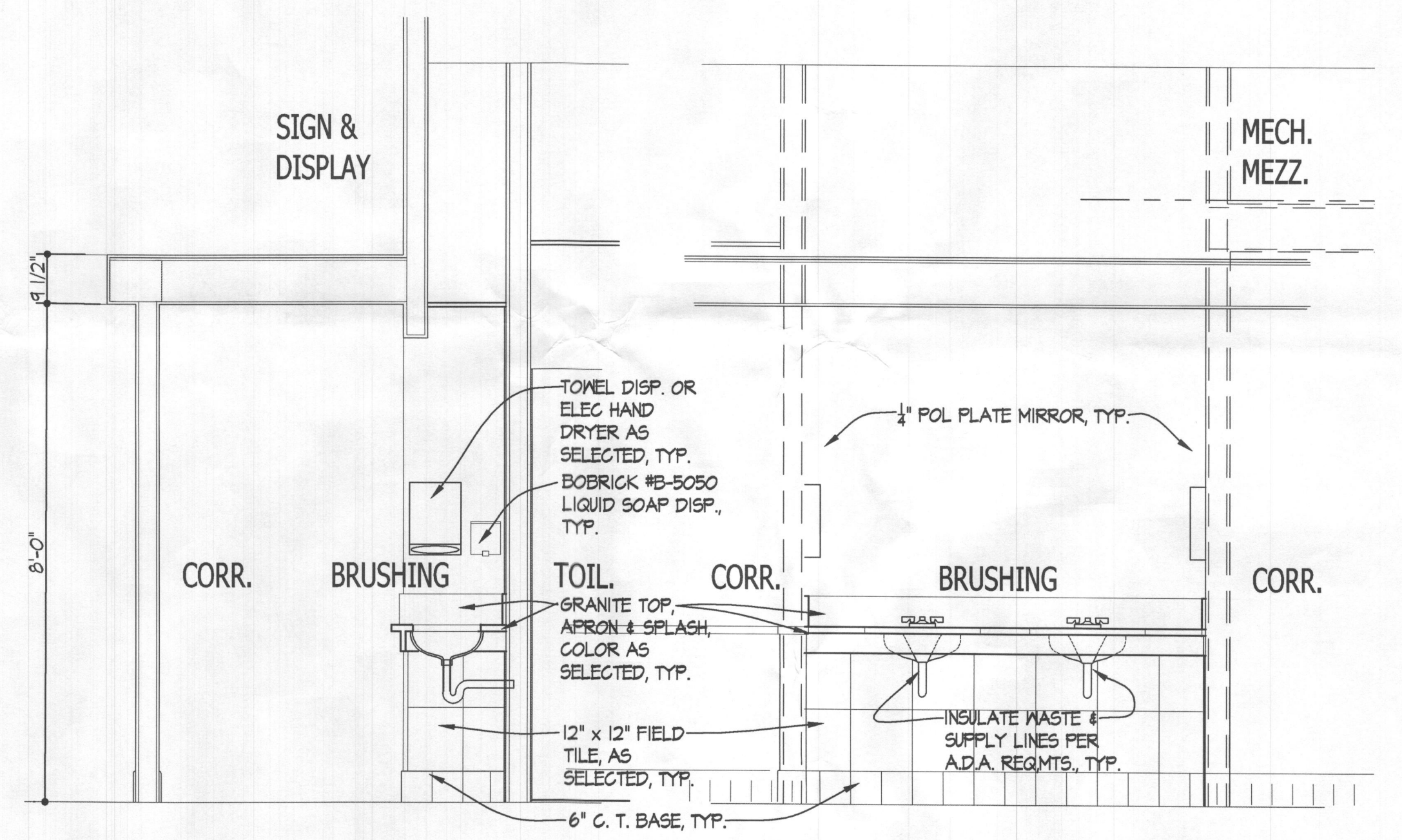
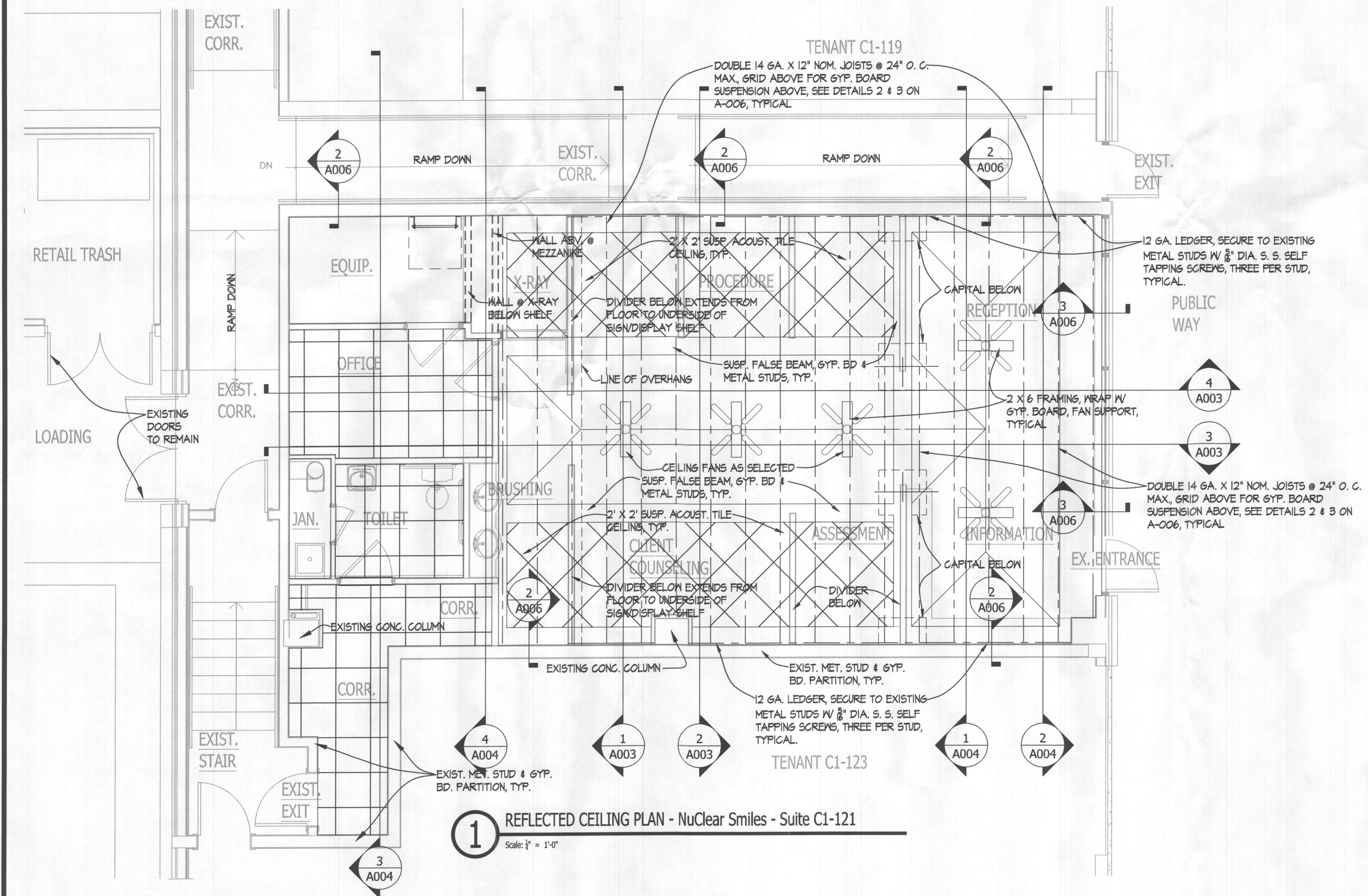
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PROJ. NO. 1904

**EC
&D-001**

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LICENSES & PERMITS
DIVISION



NOTE:
ALLOW FOR WALL FINISH THICKNESS WHEN SETTING PLUMBING FIXTURES TO MAINTAIN A.D.A. REQUIRED CLEARANCES, TYP.



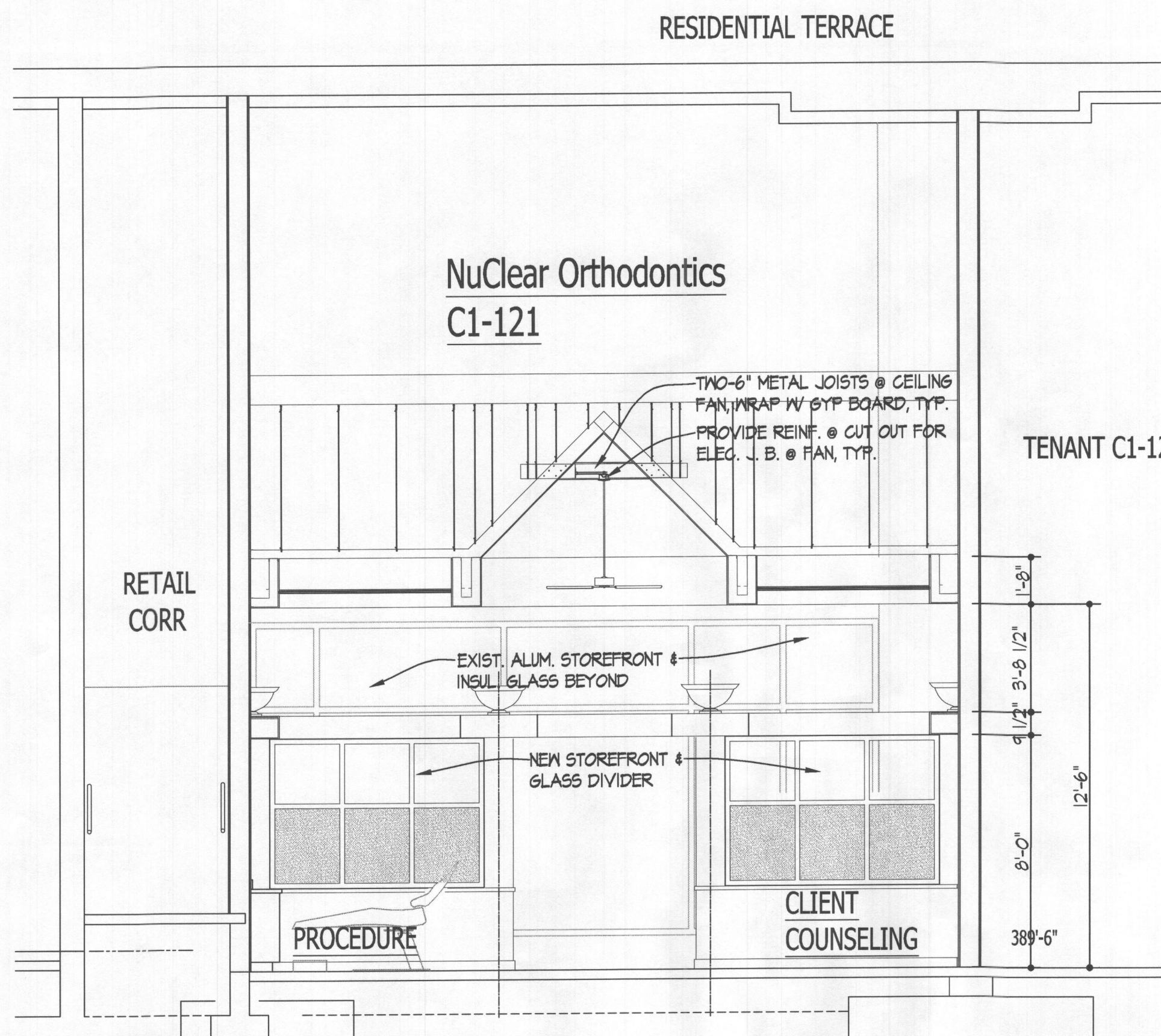
ARCHITECTURAL CONCEPTS GROUP, INC.
COMMERCIAL ARCHITECTS
424 WEST PATRICK STREET
FREDERICK, MARYLAND 21701
TEL: 301-831-8900 E-MAIL: archconcept@gmail.com

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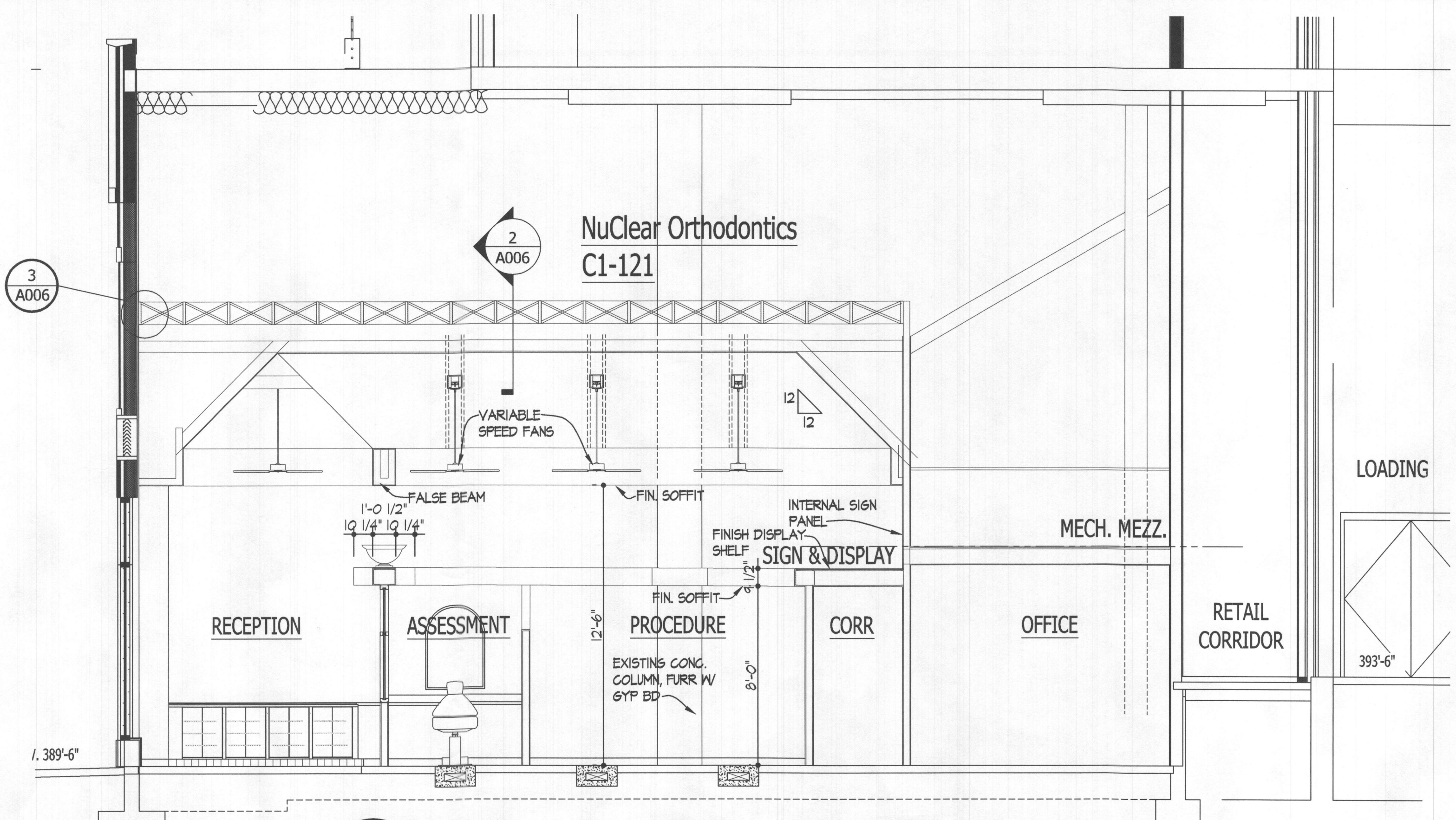
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PROJ. NO. 1904
A002

DRAWING TITLE:
REFLECTED CEILING PLAN
TOILET & BRUSHING ST'N.
ELEV'S.; BLD'G SECT'S.

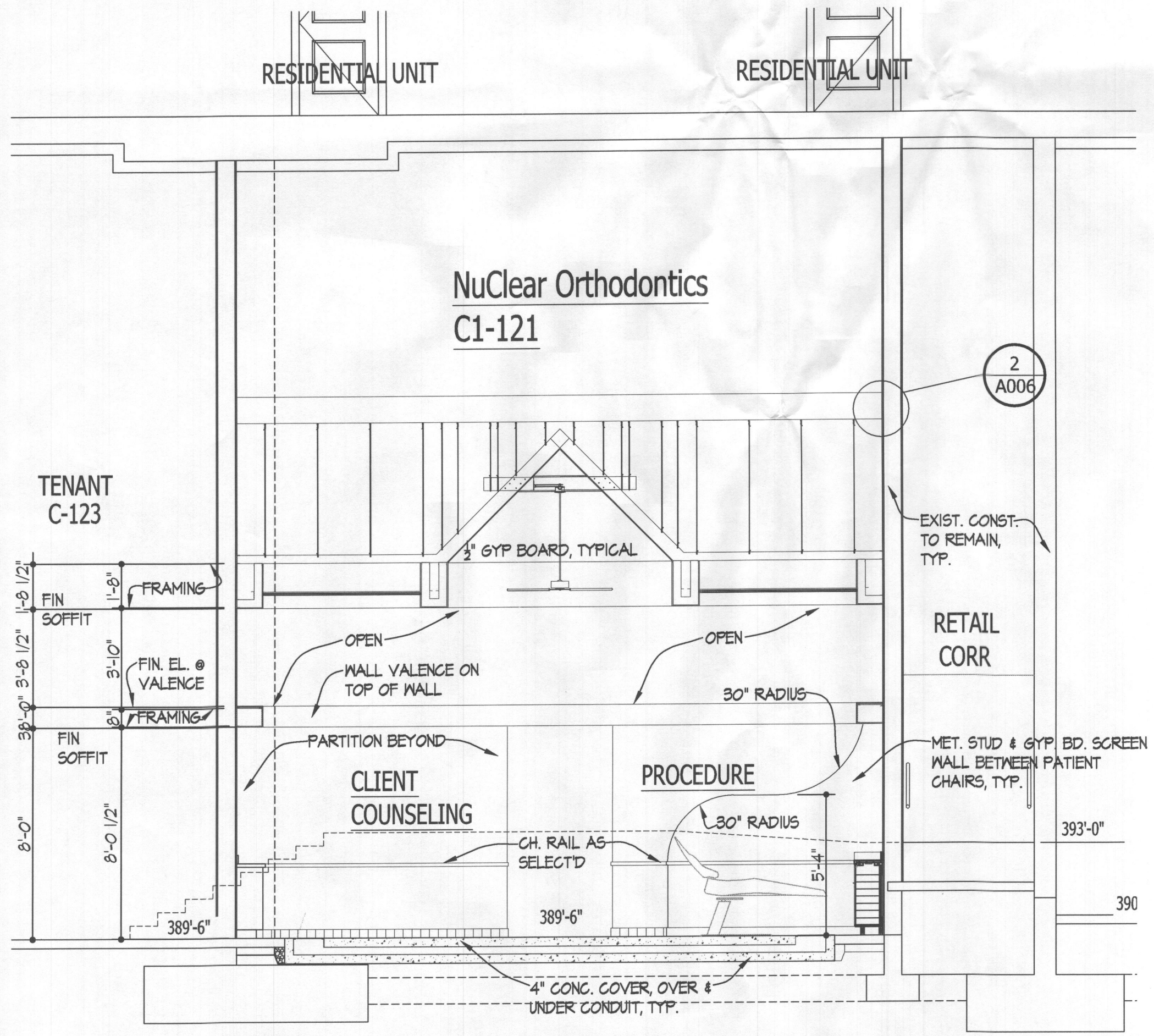
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11-20-2019: ISSUED FOR PERMIT



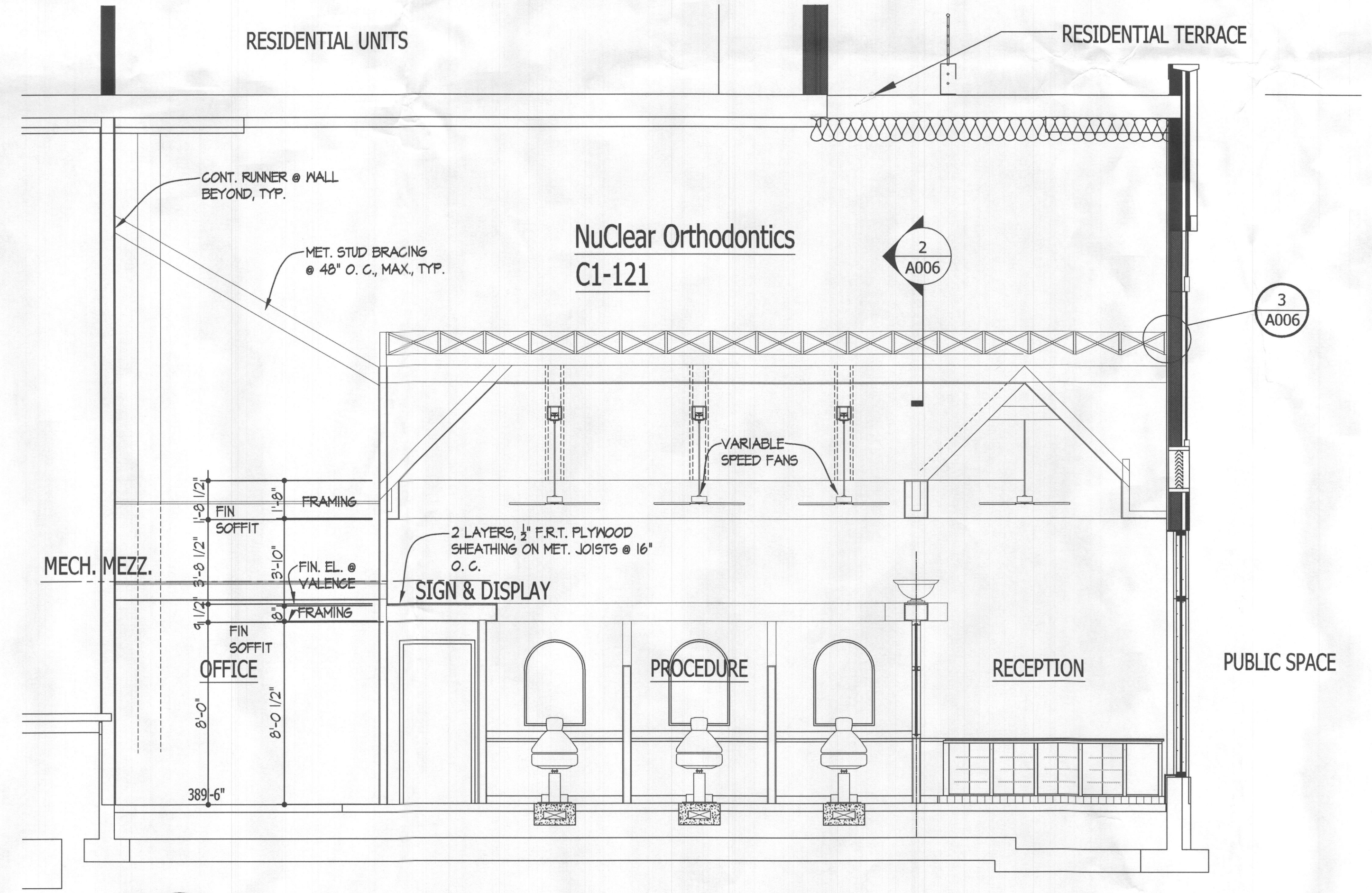
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A003 NORTH ELEVATION AND BUILDING SECTION- NuClear Smiles - Suite C1-121
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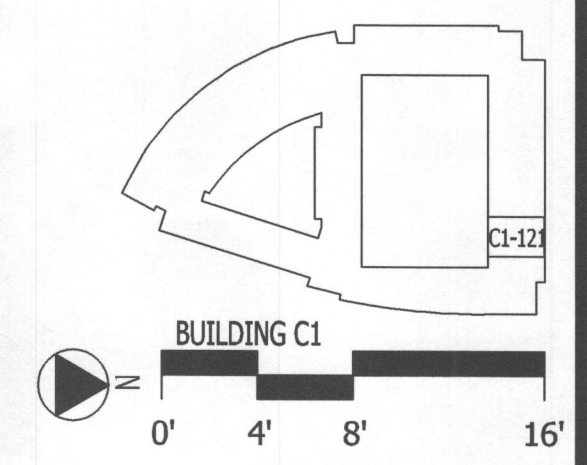
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A003 EAST ELEVATION & BUILDING SECTION - NuClear Smiles - Suite C1-121
Scale: 1/8" = 1'-0"



1
A003 SOUTH ELEVATION AND BUILDING SECTION- NuClear Smiles - Suite C1-121
Scale: 1/8" = 1'-0"



4
A003 WEST ELEVATION & BUILDING SECTION - NuClear Smiles - Suite C1-121
Scale: 1/8" = 1'-0"



ISSUED:
09-20-2019: LANDLORD REVIEW
11-20-2019: ISSUED FOR PERMIT

DRAWING TITLE:
**LONGITUDINAL &
TRANSVERSE BLD'G.
SECT./ELEV.**

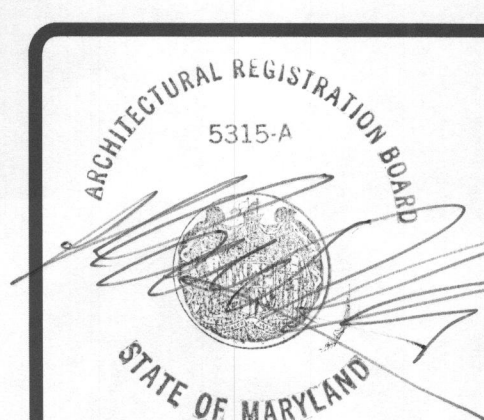
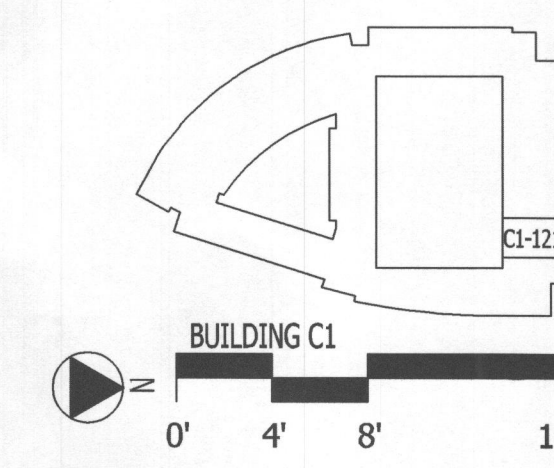
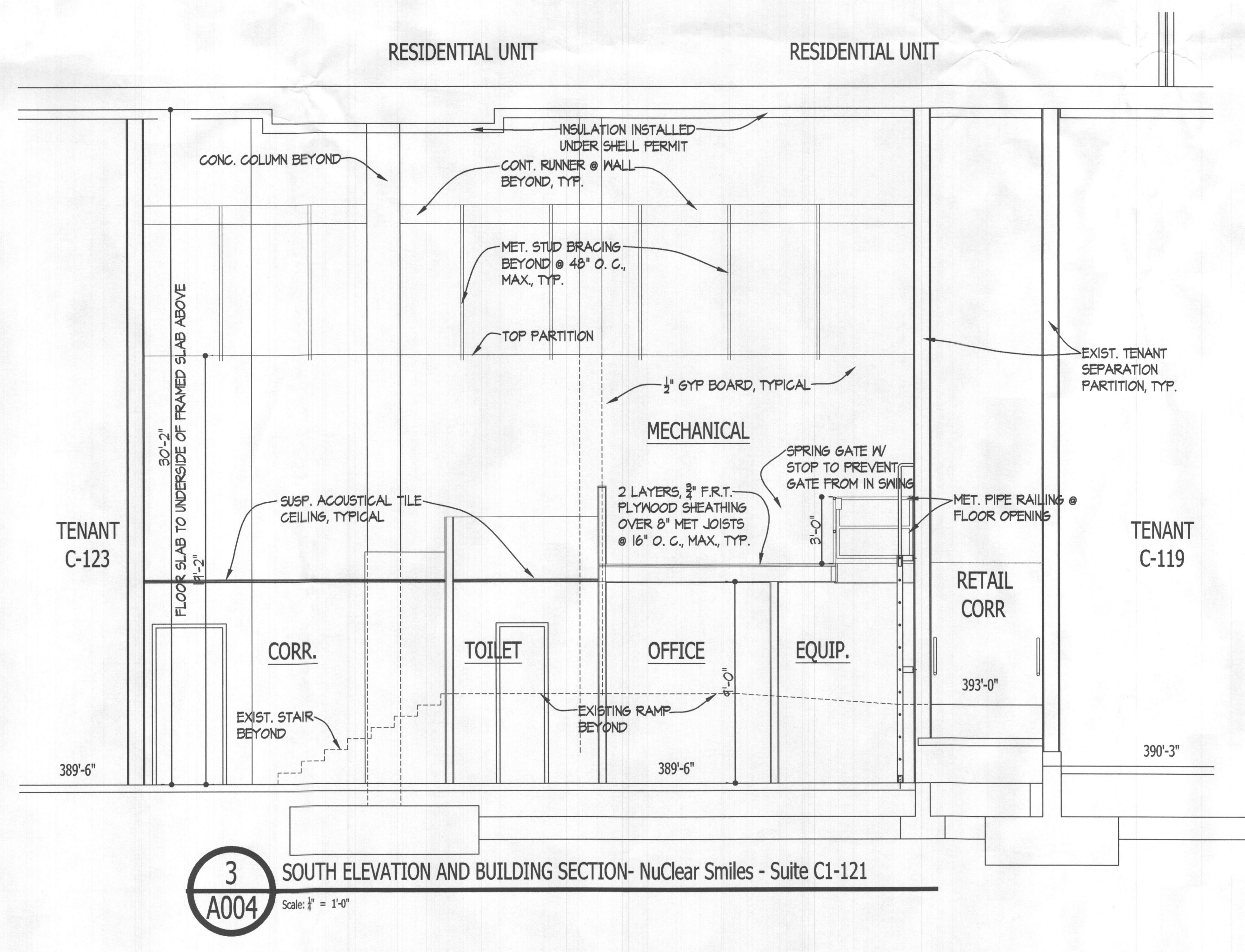
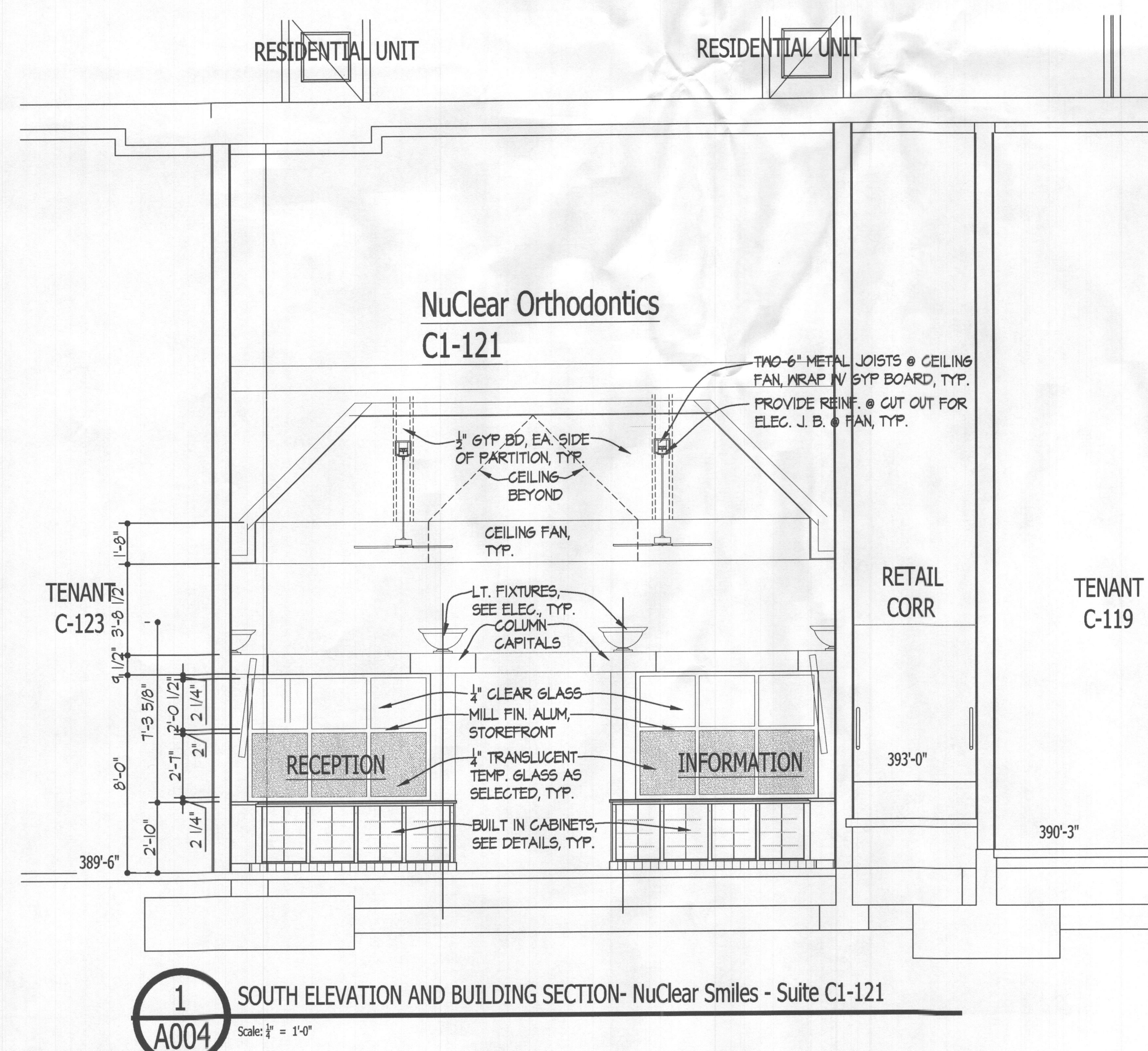
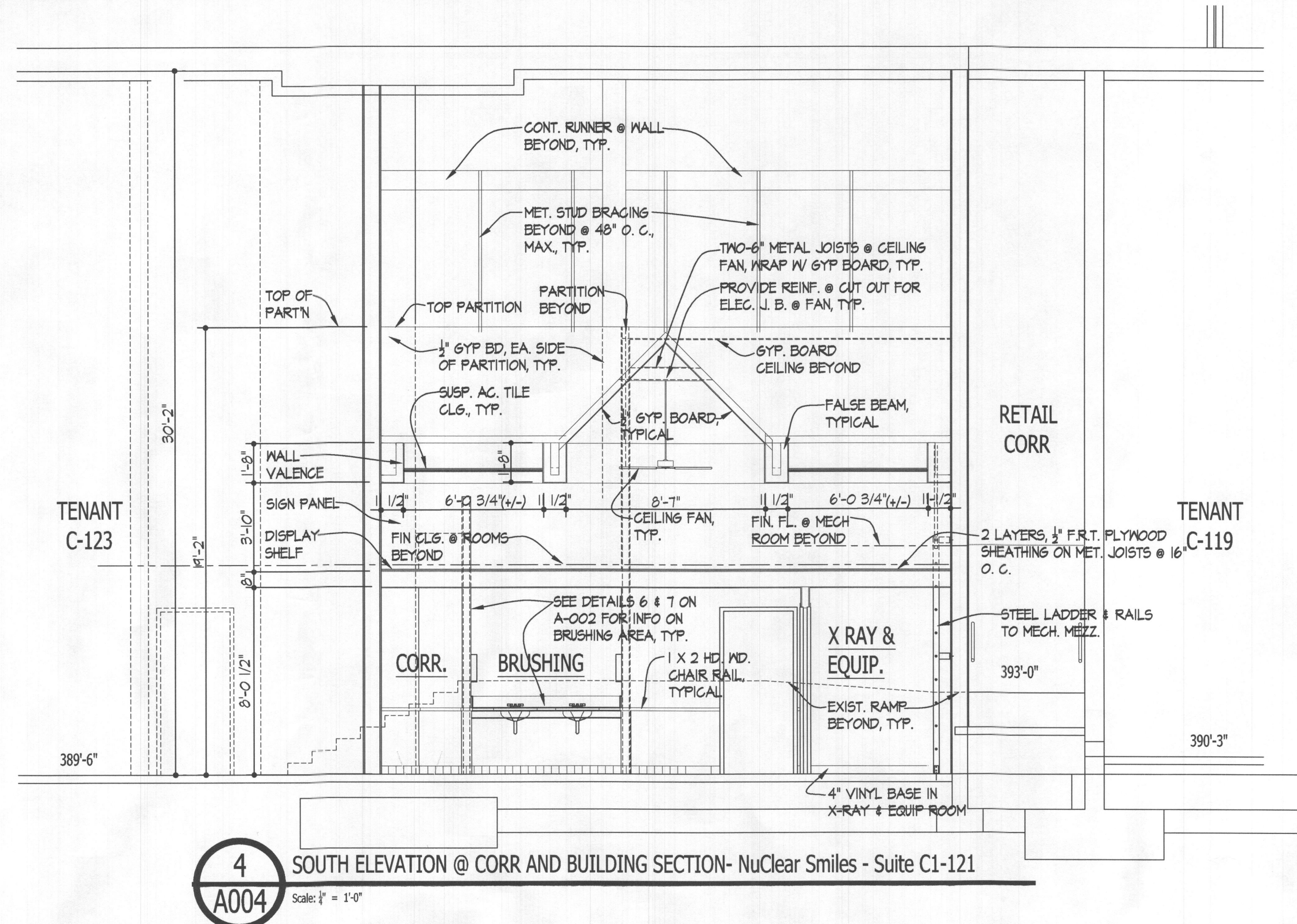
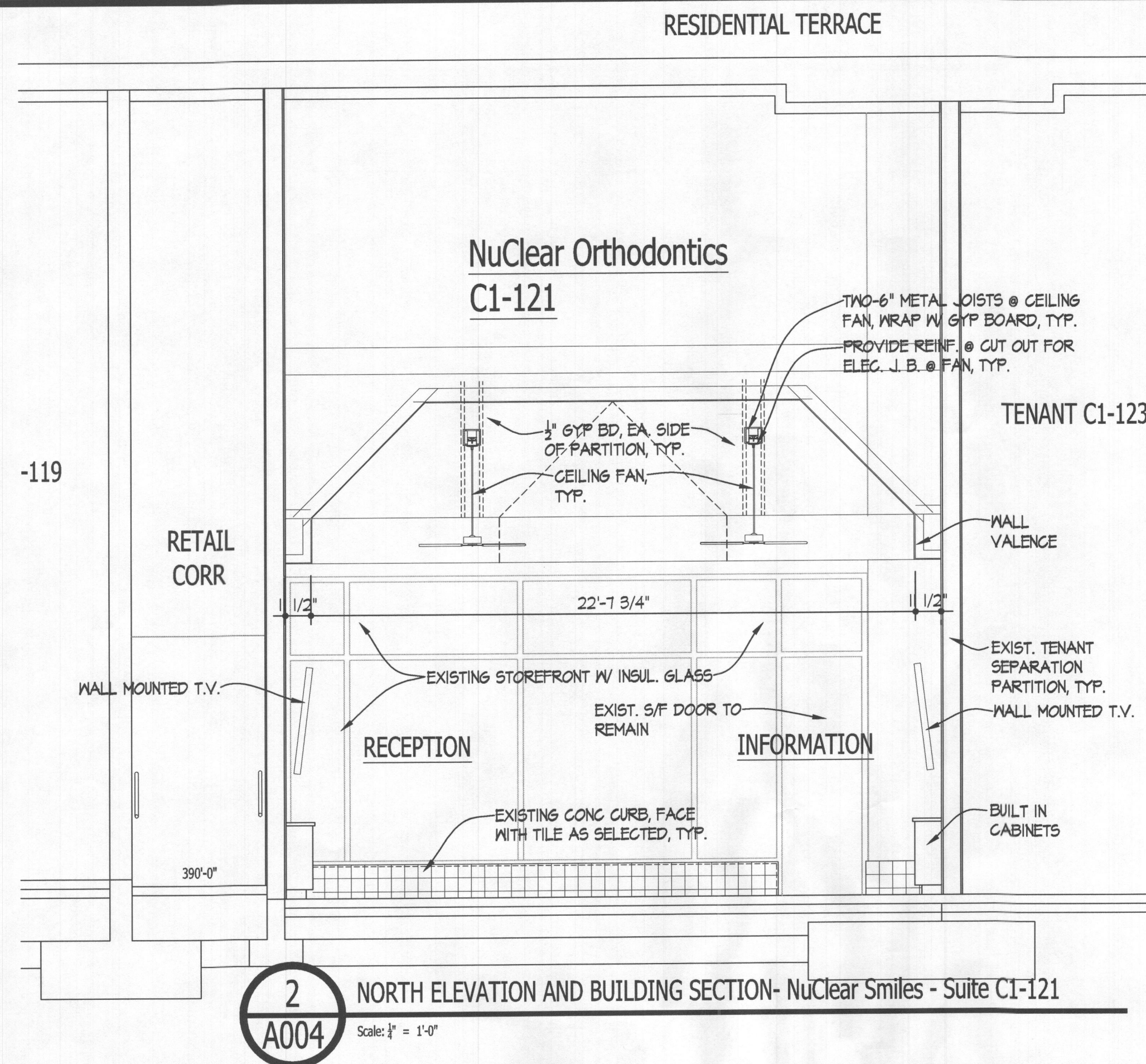
ARCHITECTURAL CONCEPTS GROUP, INC.
COMMERCIAL ARCHITECTS
424 WEST PATRICK STREET
FREDERICK, MARYLAND 21701
TEL: 301-831-8900 E-MAIL: archconcp@gmail.com

COLUMBIA, MD. ORTHODONTIC OFFICE OF:
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NuClear Smiles
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A003

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LICENSES & PERMITS



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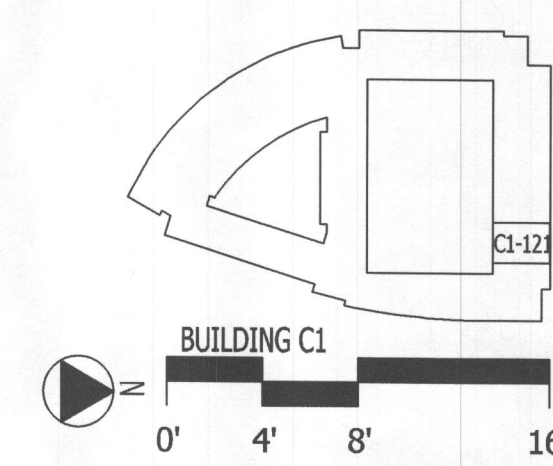
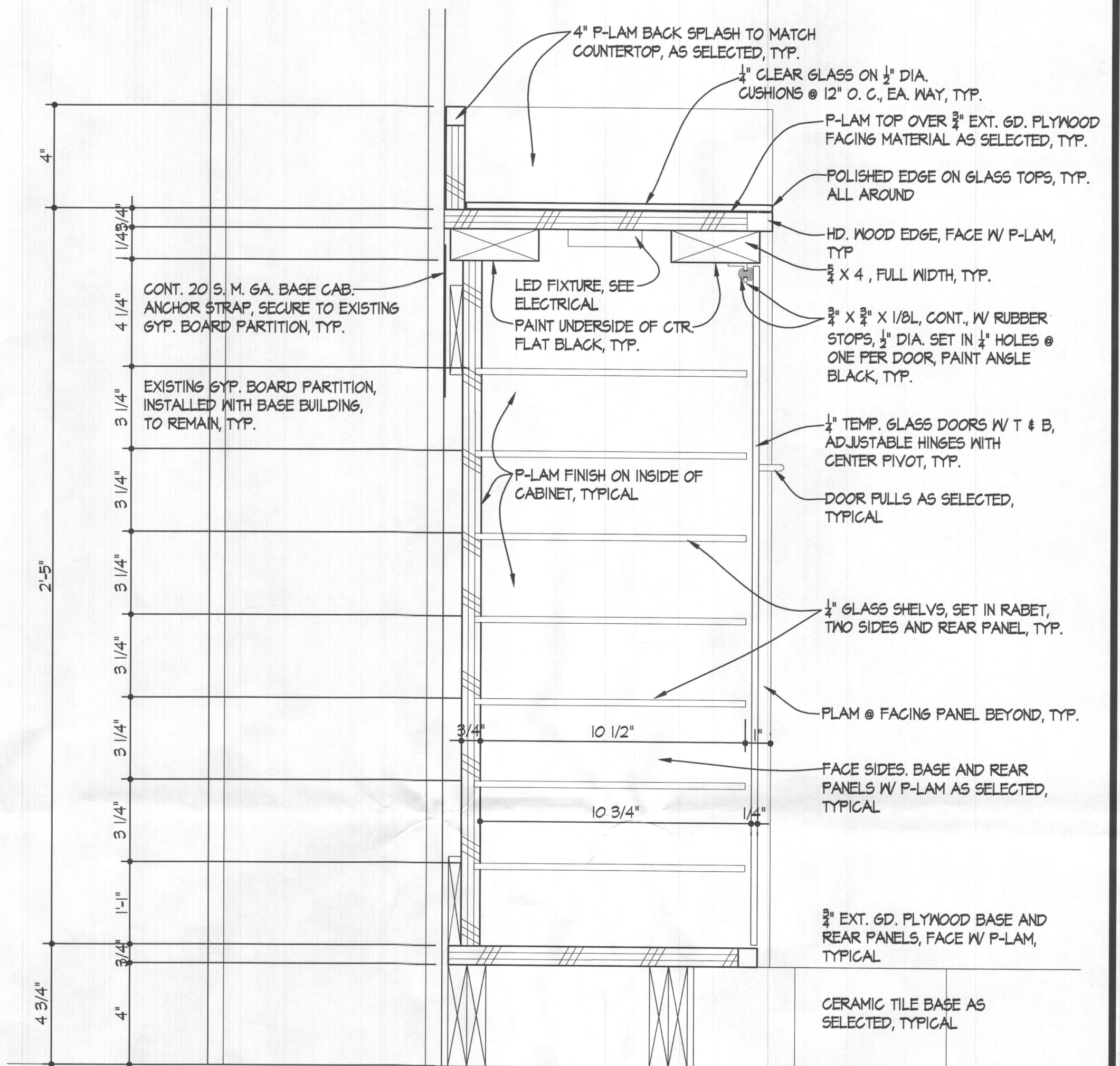
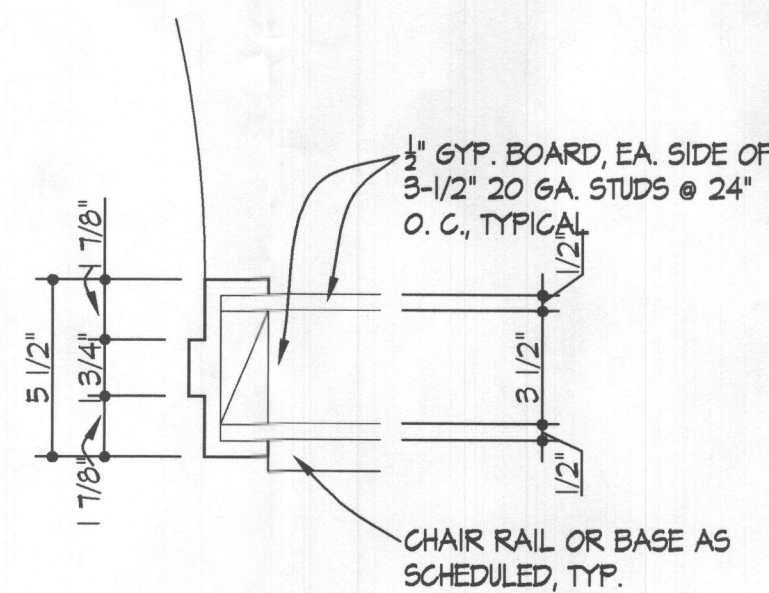
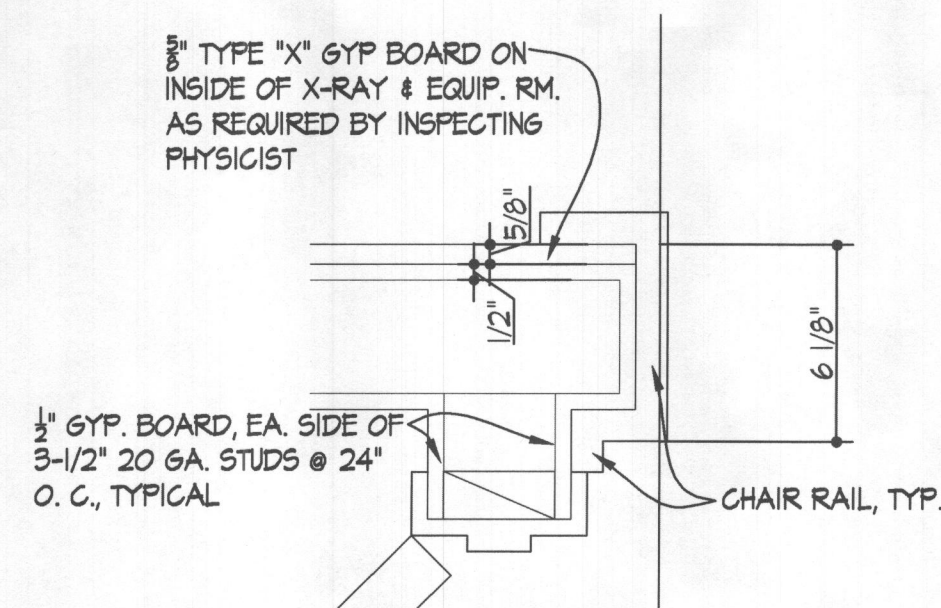
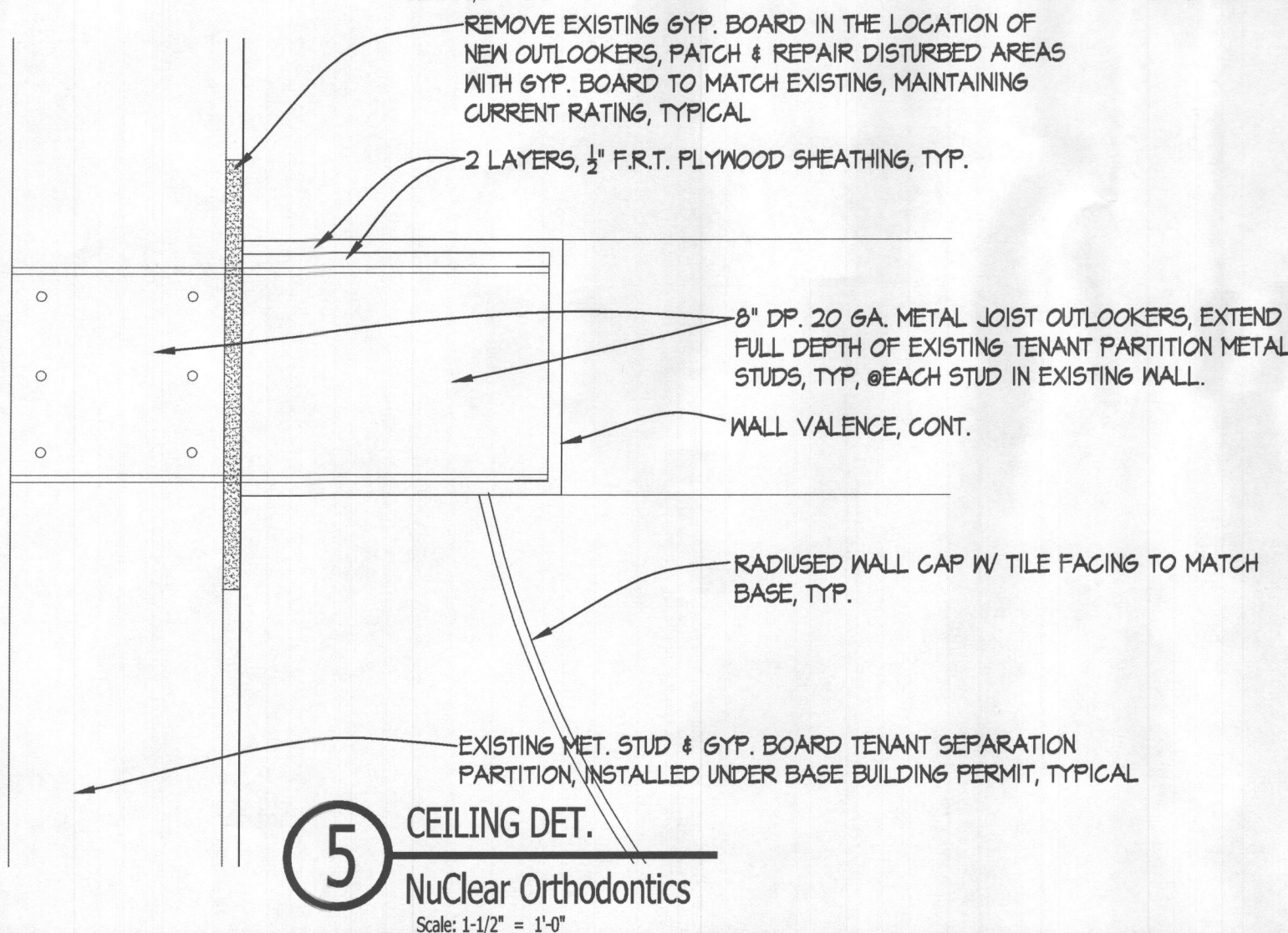
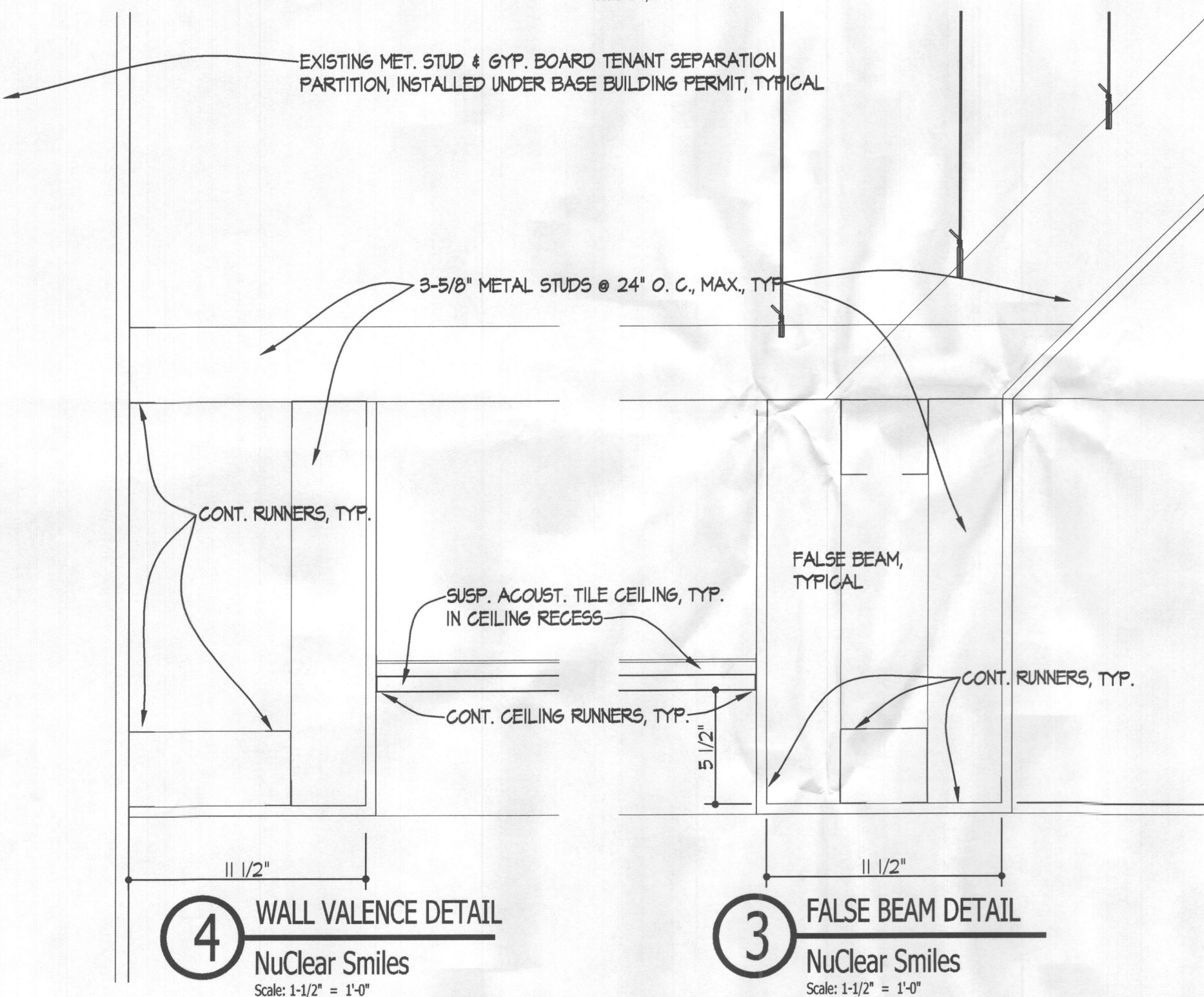
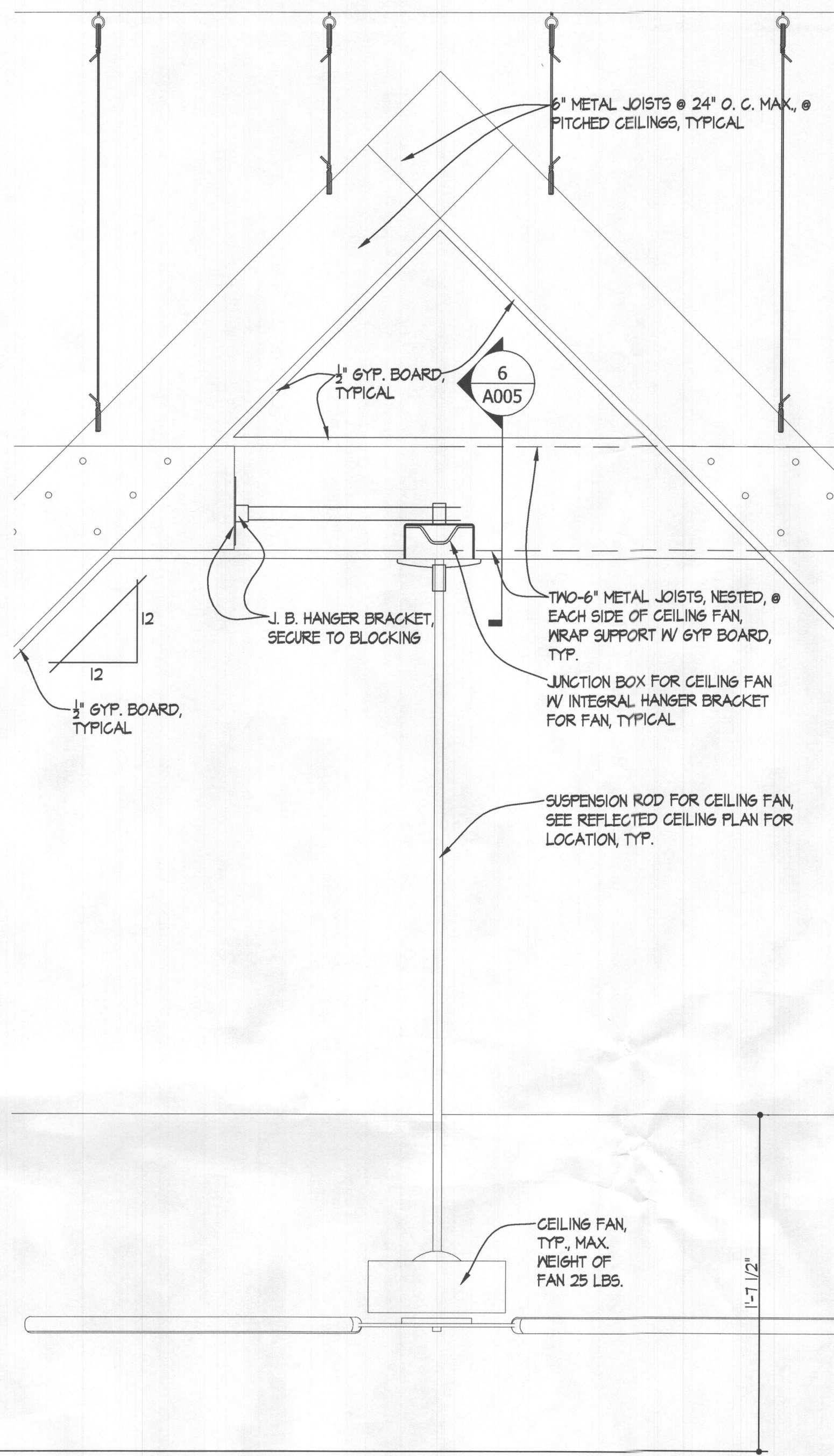
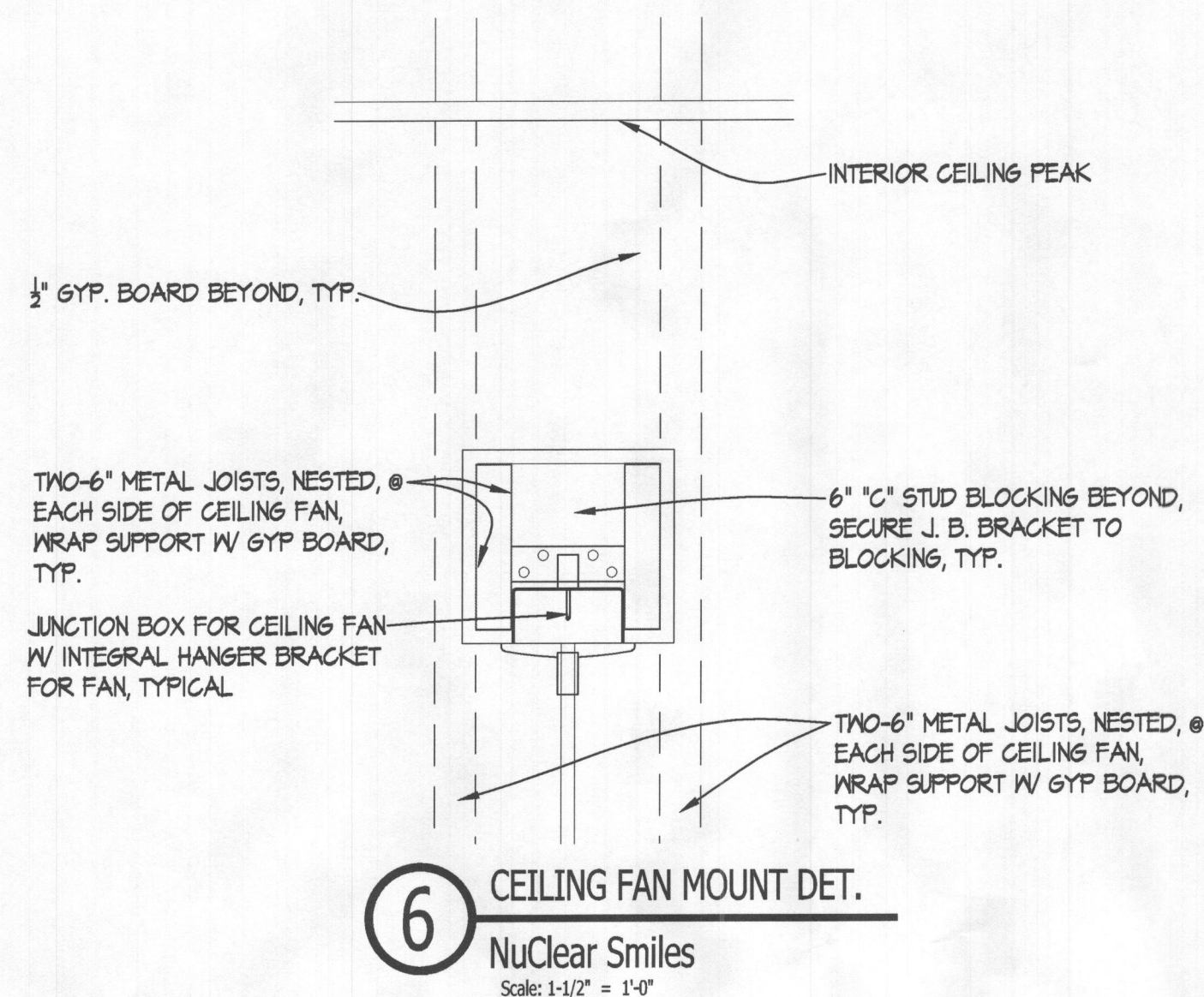
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COLUMBIA, MD. ORTHODONTIC OFFICE OF:
DR. JON MOLES
NuClear Smiles
PARCEL C BUSINESS TRUST Parcel C-1
10100 TWIN RIVERS ROAD P. O. BOX 833
COLUMBIA, MARYLAND 21044

SCALE: NOTED
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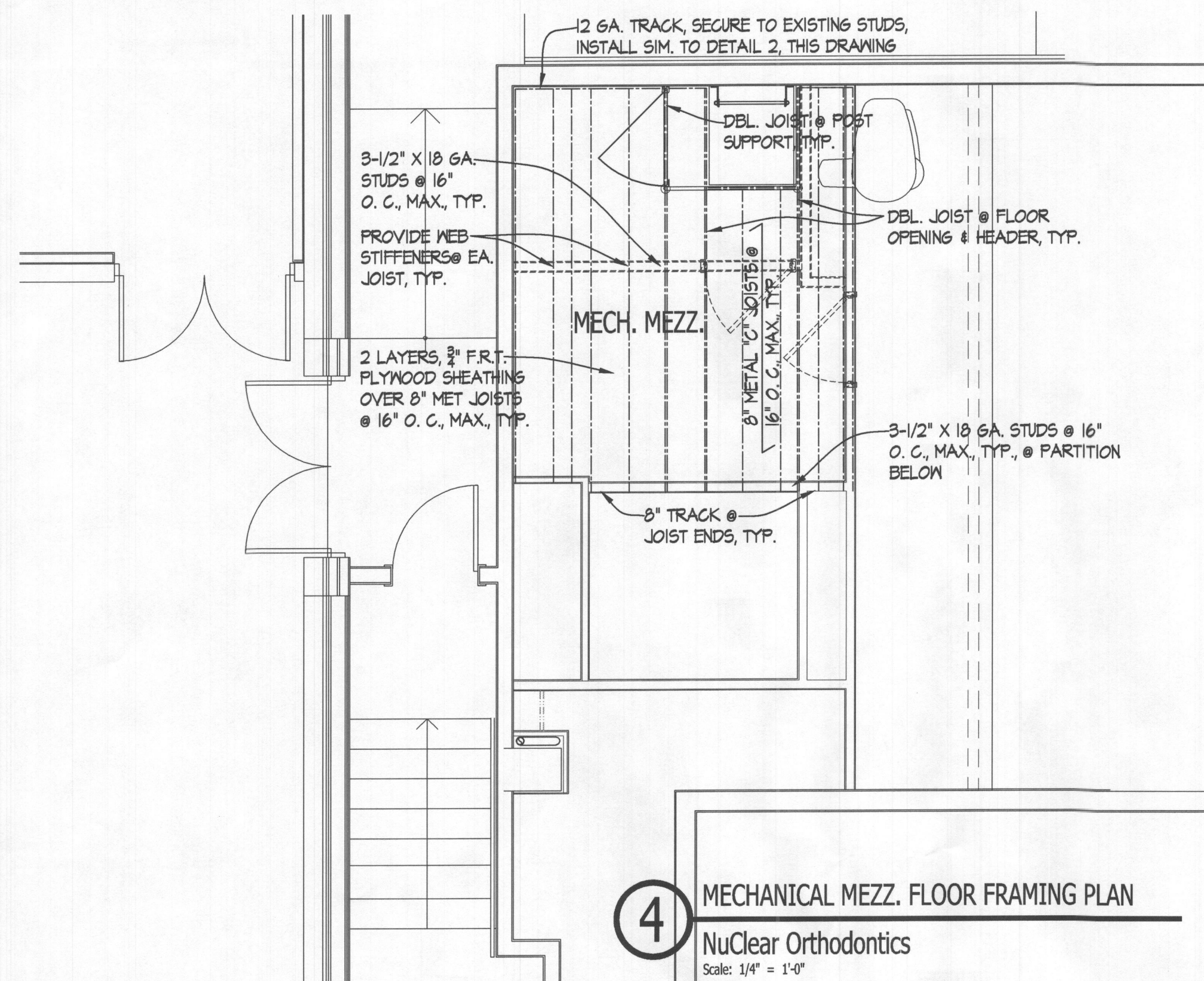
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FRAMING NOTES:

- STEEL FLOOR JOISTS SHALL BE 800 S 162-93 AT SPACINGS AND CONFIGURATION SHOWN ON PLAN ABOVE
- PROVIDE WEB STIFFENERS OR CONTINUOUS TRACK AT JOISTS PASSING OVER STEEL STUD BEARING PARTITION BELOW AND AT JOIST ENDS OVER BEARING WALLS
- PROVIDE DOUBLE MEMBER HEADERS OVER DOOR OPENINGS AND SIMILAR OPENINGS OF FRAMING SAME AS FLOOR FRAMING MEMBERS, SECURE TO FLOOR AND WALL FRAMING ACCORDING TO S.S.I.M.A. PRODUCT TECHNICAL INFORMATION, ICBO ER-4443P
- DESIGN LOAD IS 10 LBS. PER SQ. FT., DEAD LOAD AND 50 LBS. PER SQ. FT. LIVE LOAD
- THE MEZZANINE IS PROVIDED FOR PLACING OF MECHANICAL EQUIPMENT ONLY, STORAGE SHALL NOT BE PERMITTED

12 GA. LEDGER, SECURE TO EXISTING METAL STUDS W/ 3/8" DIA. S. S. SELF TAPPING SCREWS, THREE PER STUD, TYPICAL.

3/8" DIA. S. S. SELF TAPPING SCREWS THROUGH LEDGER FLANGE INTO JOIST FLANGE, TYPICAL, TOP & BOTTOM

DOUBLE 14 GA. X 12" NOM. JOISTS, @ 24" O. C., TYPICAL

MIN. 3/4" OUTSIDE DIA. METAL STANDOFF, LENGTH = TO GYP BOARD THICKNESS, WITH 3/8" INSIDE DIA. OPENING FOR SCREWS, TYP. @ EACH FASTENER

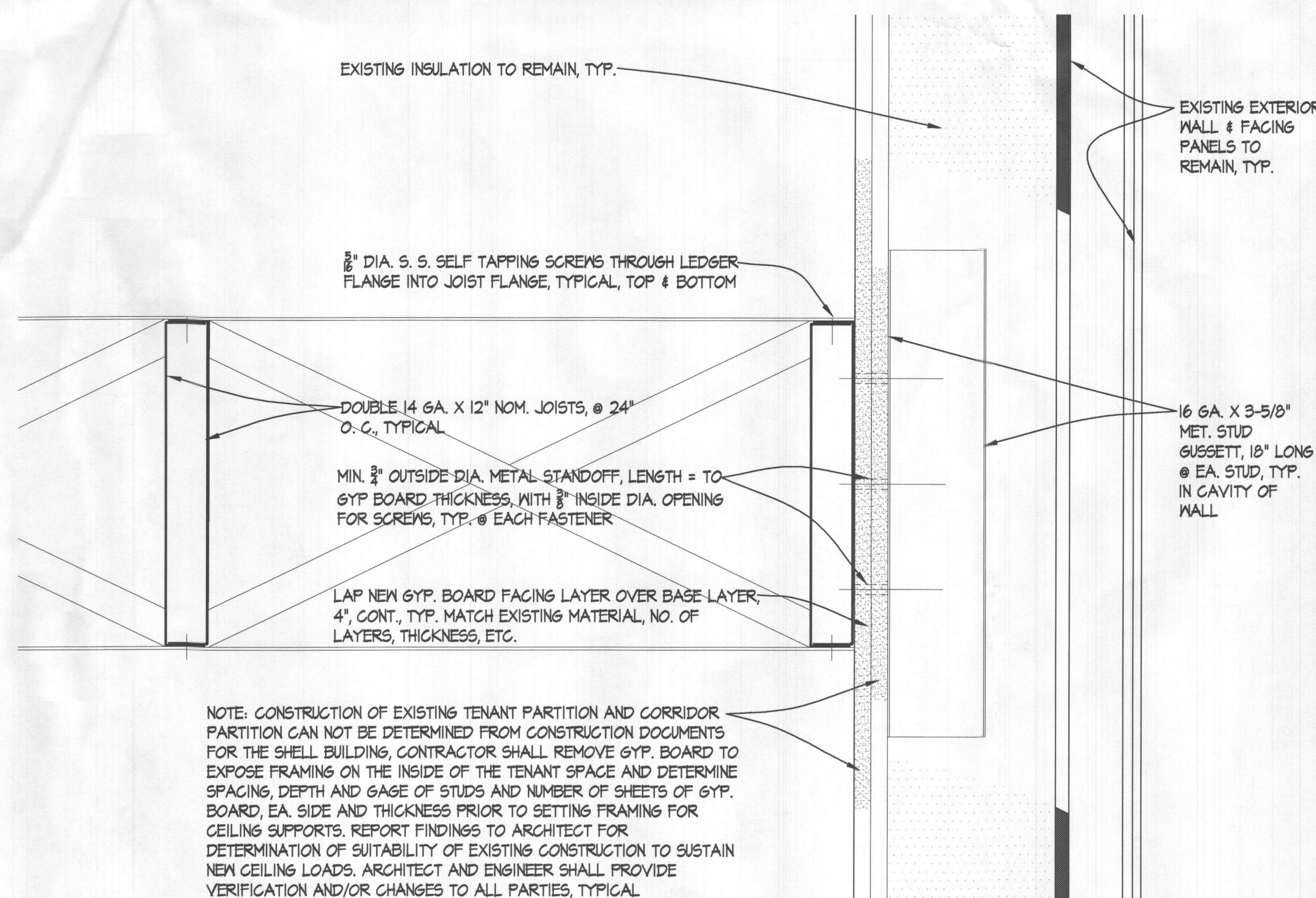
LAP NEW GYP. BOARD FACING LAYER OVER BASE LAYER, 4", CONT., TYP. MATCH EXISTING MATERIAL, NO. OF LAYERS, THICKNESS, ETC.

NOTE: CONSTRUCTION OF EXISTING TENANT PARTITION AND CORRIDOR PARTITION CAN NOT BE DETERMINED FROM CONSTRUCTION DOCUMENTS FOR THE SHELL BUILDING, CONTRACTOR SHALL REMOVE GYP. BOARD TO EXPOSE FRAMING ON THE INSIDE OF THE TENANT SPACE AND DETERMINE SPACING, DEPTH AND GAGE OF STUDS AND NUMBER OF SHEETS OF GYP. BOARD, EA. SIDE AND THICKNESS PRIOR TO SETTING FRAMING FOR CEILING SUPPORTS. REPORT FINDINGS TO ARCHITECT FOR DETERMINATION OF SUITABILITY OF EXISTING CONSTRUCTION TO SUSTAIN NEW CEILING LOADS. ARCHITECT AND ENGINEER SHALL PROVIDE VERIFICATION AND/OR CHANGES TO ALL PARTIES, TYPICAL

16 GA. X 3-5/8" MET. STUD GUSSETT, 10" LONG @ EA. STUD, TYP. IN CAVITY OF WALL

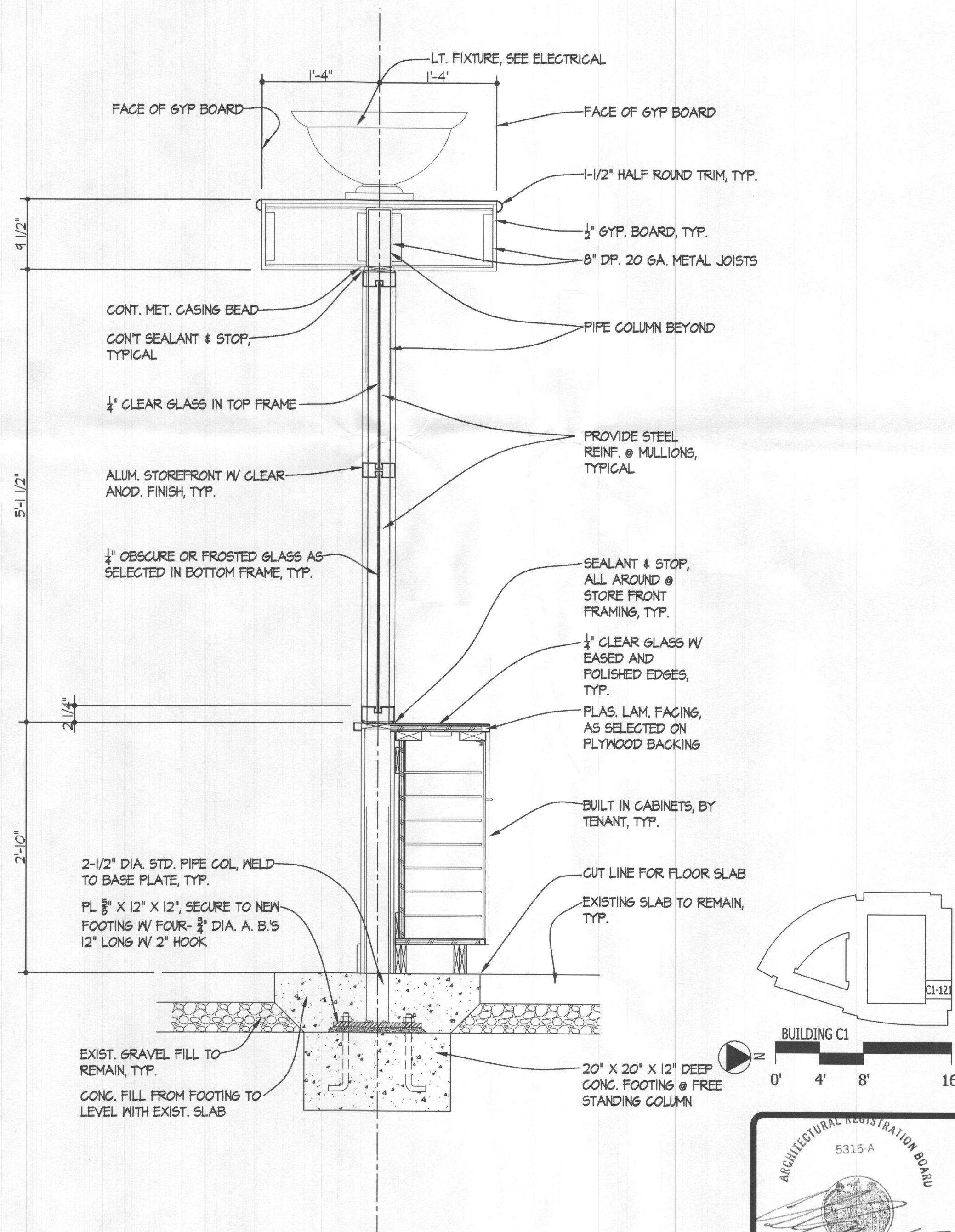
2 CEILING SUPPORT DETAIL THROUGH LEDGER

NuClear Orthodontics
Scale: 3" = 1'-0"



3 CEILING SUPPORT FRAMING DETAIL THROUGH JOISTS

NuClear Smiles
Scale: 3" = 1'-0"



1 SCONSE, FIXED GLASS & CAPITAL DET.

NuClear Orthodontics
Scale: 1" = 1'-0"

DRAWING TITLE:

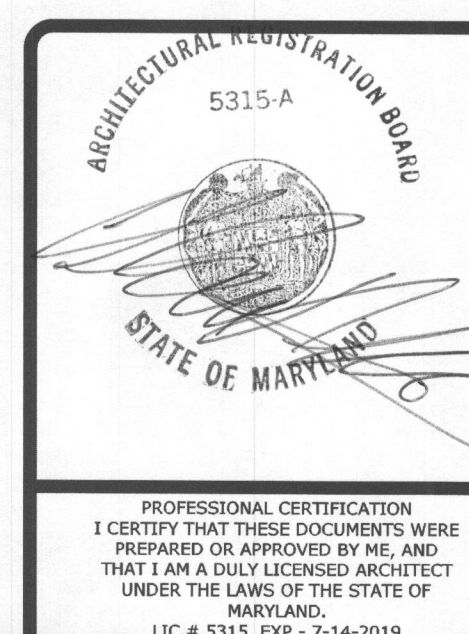
DETAILS

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