# ACHATO3 - OFFICE RENOVATION

703 NORTHEAST 1ST STREET GAINESVILLE, ALACHUA COUNTY, FL 32601



# BDG PROJECT NUMBER: 20045.00

CONSTRUCTION DOCUMENTS: FEBRUARY, 05, 2021 OWNER REVISIONS 03-16-2021

<u>CLIENT</u>

ALACHUA COUNTY HOUSING AUTHORITY
703 NE 1ST ST.
GAINESVILLE, FLORIDA 32601
(352)-372-2549 EXT. 512
ron@acha-fl.com

CONTACT: RONALD HALL
CLIENT APPROVAL:

ARCHITECT BESSOLO DESIGN GROUP, INC.

BESSOLO DESIGN GROUP, INC.
1901 4TH ST. NORTH, SUITE 200
ST. PETERSBURG, FLORIDA 33702
(727) 894-4453
kbessolo@bessolo.com

CONTACT: KEVIN J. BESSOLO

ELECTRICAL

KEM ENGINEERS, INC.
1901 4TH ST. NORTH, SUITE 200
ST. PETERSBURG, FLORIDA 33702
(727) 894-4668
fsmith@kemengineers.com

CONTACT: FREDRICK SMITH, PE

CONSTRUCTION

ADMINISTRATOR
BESSOLO DESIGN GROUP, INC.
1901 4TH ST. NORTH, SUITE 200
ST. PETERSBURG, FLORIDA 33702
(127) 894-4453

projectcoordinatorabessolo.com

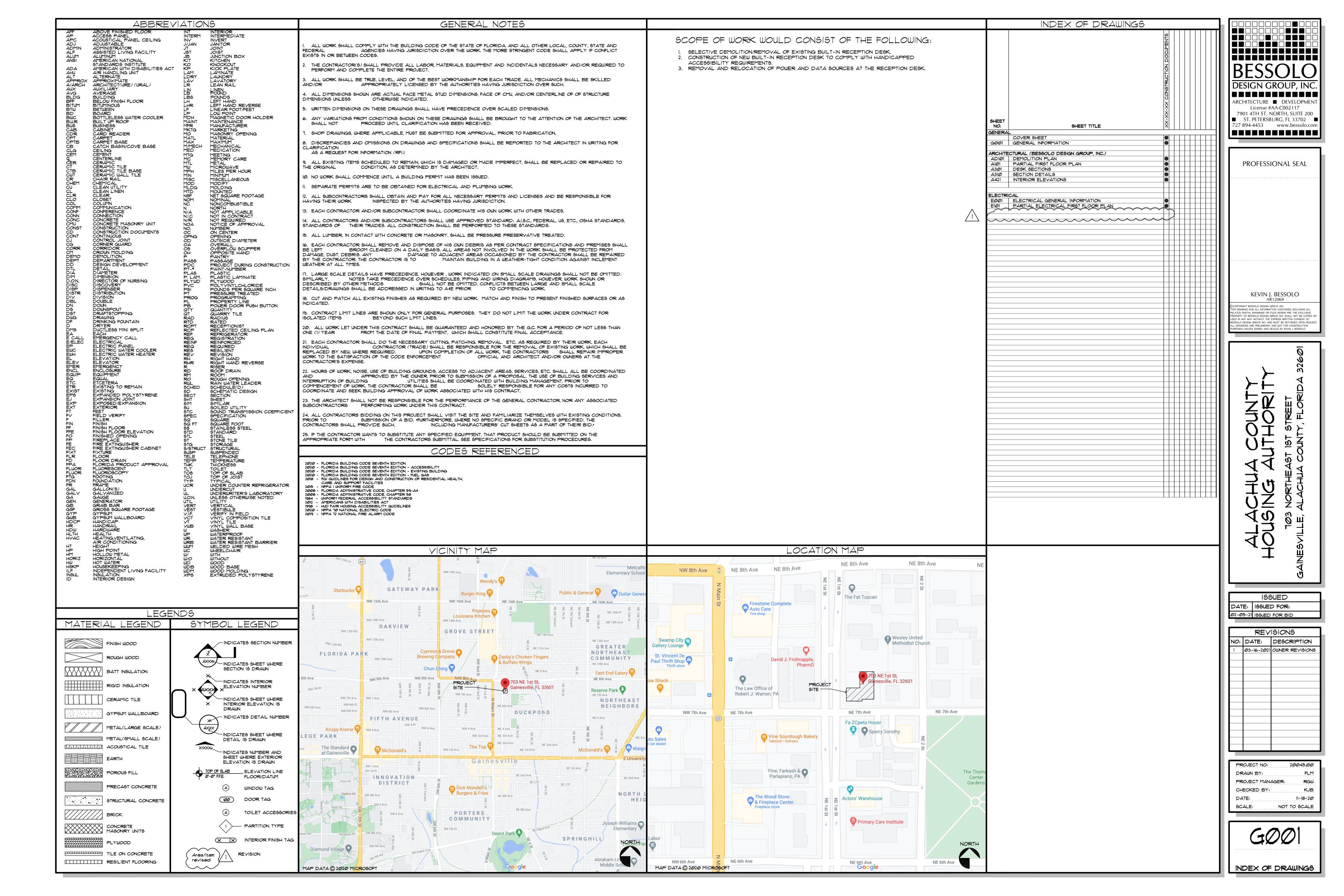
CONTACT: BRIANNA DOUGHERTY

SIGNATURE:

DATE

:

OLO DESIGN GROUP, INC. PROJECT NUMBER: 20045.00



### CONSTRUCTION NOTES

- 1. GC TO PROVIDE SHOP DRAWINGS FOR DESK CONSTRUCTION, DRAWERS MILLWORK TO THE OFFICE OF THE ARCHITECT FOR REVIEW & APPROVAL. 2. COORDINATE RE-INSTALLATION OF POWER / DATA / SECURITY. SEE
- ELECTRICAL DRAWINGS.

  3. BASE BID: GRANITE COUNTERTOP, PROVIDE SAMPLES TO OWNER FOR REVIEW & APPROVAL. PROVIDE ALTERNATE PRICING FOR-A. SOLID WOOD COUNTERTOP
- B. QUARTZ C. CORIAN
- D. PLASTIC LAMINATE OVER PLYWOOD BASE

### GENERAL NOTES

- FOR ABBREVIATIONS, LEGENDS & SYMBOLS, SEE DRAWING G002. COORDINATE THIS DRAWING WITH MECHANICAL, PLUMBING AND ELECTRICAL
- DRAWINGS. SEE PARTIAL FLOOR PLANS & DETAILED FLOOR PLANS FOR DIMENSIONS NO
- 3. SEE PARTIAL FLOOR PLANS & DETAILED FLOOR PLANS FOR DIMENSIONS NOT SHOWN AND LOCATION OF UNITS.

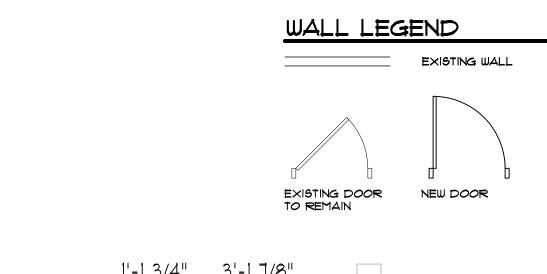
  4. ALL DIMENSIONS SHOWN ARE AS FOLLOWS:

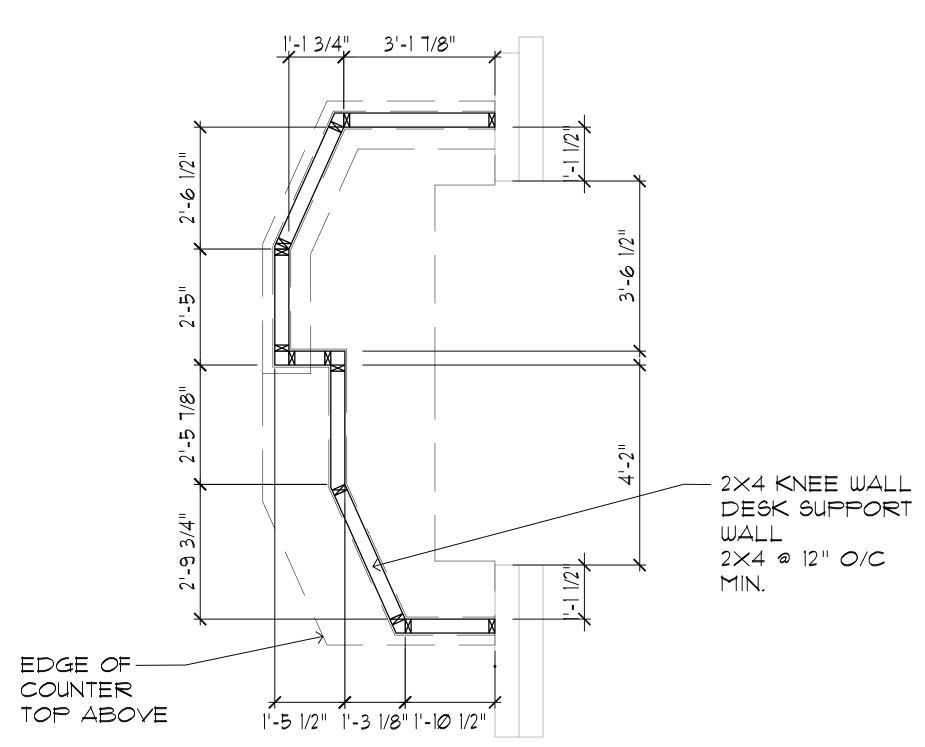
   FACE OF EXISTING CONSTRUCTION TO CENTERLINE OF PLUMBING FIXTURE

   FACE OF EXISTING CONSTRUCTION TO FACE OF CONCRETE WALL

   FACE OF EXISTING CONSTRUCTION TO FACE OF METAL FRAMING

  FACE OF METAL FRAMING TO FACE OF METAL FRAMING
- FACE OF METAL FRAMING TO FACE OF METAL FRAMING - FACE OF METAL FRAMING TO CENTERLINE OF PLUMBING FIXTURE 5. SEE DRAWINGS A441-A44X FOR UNIT INTERIOR ELEVATIONS
- 6. FURNITURE SHOWN FOR INFORMATIONAL PURPOSES ONLY, FURNITURE NOT IN CONTRACT. COORDINATE ALL FURNITURE WITH CLIENT.









PROFESSIONAL SEAL KEVIN J. BESSOLO OCOPYRIGHT BESSOLO DESIGN GROUP, INC.
HIS DRAWING AND ALL INFORMATION CONTAINED, INCLUDING ALL
ELATED DIGITAL DRAWINGS OR FILES HEREIN ARE THE EXCLUSIVE
ROPERTY OF BESSOLO DESIGN GROUP, INC. SHALL NOT BE COPIED OF
SED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF
ESSOLO DESIGN GROUP, INC. AND MUST BE RETURNED UPON REQUES!
LL DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION
URPOSES UNLESS SIGNED AND SEALED BY KEVIN J. BESSOLO.

> 44 LACHUA NUSING A

ISSUED DATE: ISSUED FOR:

02-05-21 ISSUED FOR BID

	100azp		
	REY	ISIONS	
NO:	DATE:	DESCRIPTION	
1	<i>0</i> 3-16-2 <i>0</i> 21	OWNER REVISIONS	
		REV	

PROJECT NO:	20045.00
DRAWN BY:	FLM
PROJECT MANAGER:	RGW
CHECKED BY:	KJB
PATE:	11-18-20
SCALE:	1/2" = 1'-@"





F

-PROVIDE TWO 2"

RECEPTION OFFICE

В

STAIRS

(NIC)

OFFICE

F

IN DESK TOP

DIAMETER GROMMETS

RESTROOM (NIC)

 $\overline{A}$ 

2 (A421)

BASE BID:

LAMINATE

WITH WOOD

EDGES

COUNTER TOP

ALTERNATE #3:

LAMINATE AND WOOD EDGES

PROVIDE STONE COUNTER TOP IN LIEU OF PLASTIC

PLASTIC

4'-10"

3'-6"

 $\left(\begin{array}{c} A \end{array}\right)$ 

1'-4"

RECEPTION WAITING

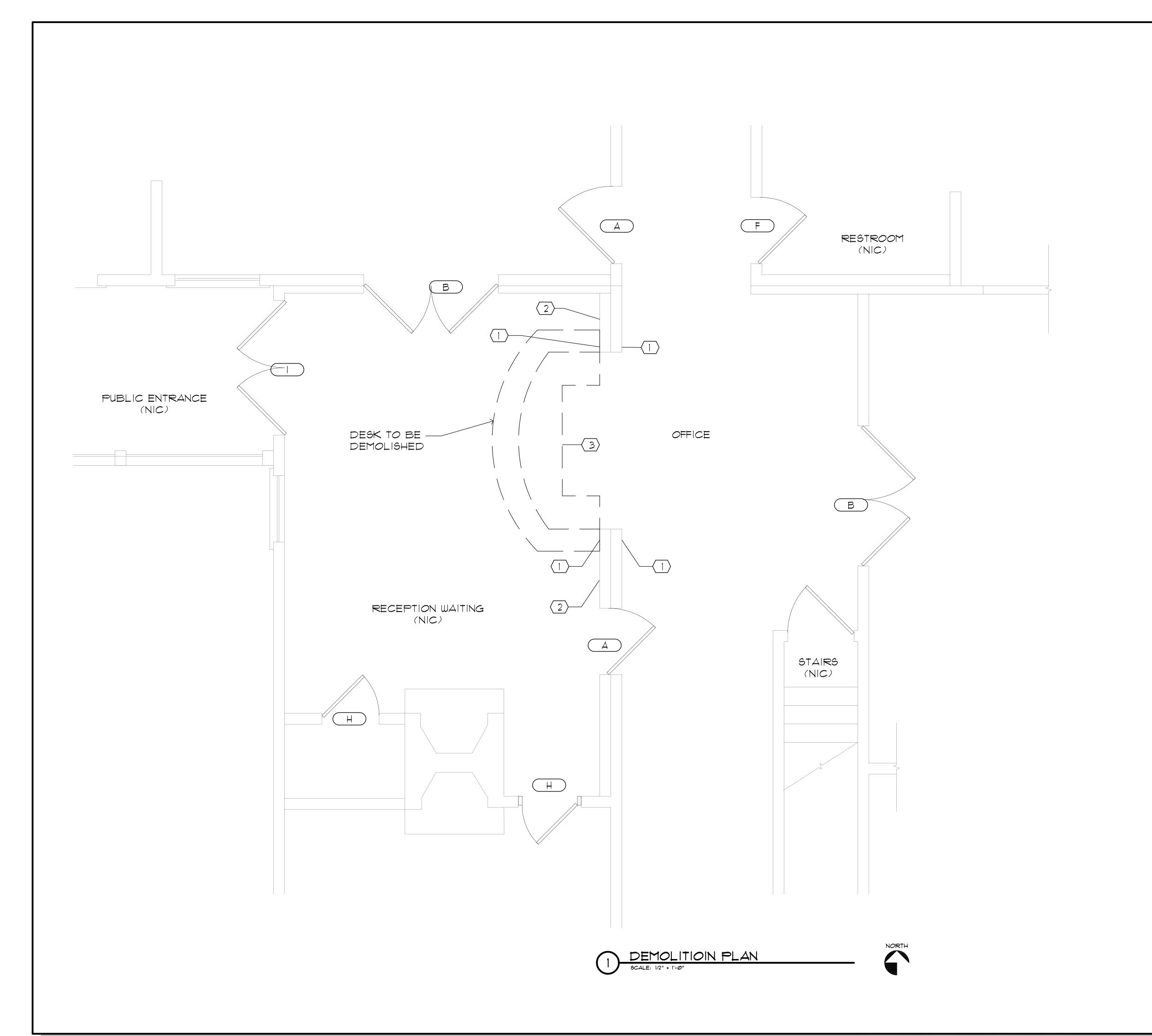
PUBLIC ENTRANCE

 $\frac{1}{4}$ " TEMPERED GLASS

CORNERS

COUNTER TOP SAFETY

PARTITION, STRUCTURAL SILICONE BUTT GLAZED



### GENERAL NOTES

- FOR ABBREVIATIONS, LEGENDS & SYMBOLS, SEE DRAWING G002.
  COORDINATE THIS DRAWING WITH MECHANICAL, PLUMBING AND ELECTRICAL

- COORDINATE THIS DRAWING WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
   SEE PARTIAL FLOOR PLANS & DETAILED FLOOR PLANS FOR DIMENSIONS NOT SHOWN AND LOCATION OF UNITS.
   ALL DIMENSIONS SHOWN ARE AS FOLLOWS:

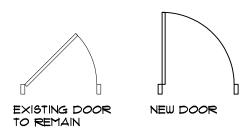
   FACE OF EXISTING CONSTRUCTION TO CENTERLINE OF PLUMBING FIXTURE
   FACE OF EXISTING CONSTRUCTION TO CENTER LINE OF COLUMN
   FACE OF EXISTING CONSTRUCTION TO FACE OF METAL FRAMING
   FACE OF METAL FRAMING TO FACE OF METAL FRAMING
- FACE OF METAL FRAMING TO FACE OF METAL FRAMING
   FACE OF METAL FRAMING TO CENTERLINE OF PLUMBING FIXTURE
  5. SEE DRAWINGS A441-A44X FOR UNIT INTERIOR ELEVATIONS
- 6. FURNITURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. FURNITURE NOT IN CONTRACT. COORDINATE ALL FURNITURE WITH CLIENT.

### KEY NOTES

EXISTING WOOF TRIM & MOLDING TO REMAIN.
 EXISTING WOOD PANEL WAINSCOT, CHAIR RAIL, & WOOD BASE TO REMAIN.
 DISCONNECT EXISTING POWER, DATA, & SECURITY WITHIN DESK CONSTRUCTION. REMOVE BACK TO NEAREST J-BOX COORDINATE WITH ELECTRICAL PLANS

### WALL LEGEND

EXISTING WALL



ARCHITECTURE ■ DEVELOPMENT License #AA-C002117 7901 4TH ST. NORTH, SUITE 200 ST. PETERSBURG, FL 33702 727 894-4453 www.bessolo.com 

PROFESSIONAL SEAL

KEVIN J. BESSOLO

ISSUED DATE: ISSUED FOR:

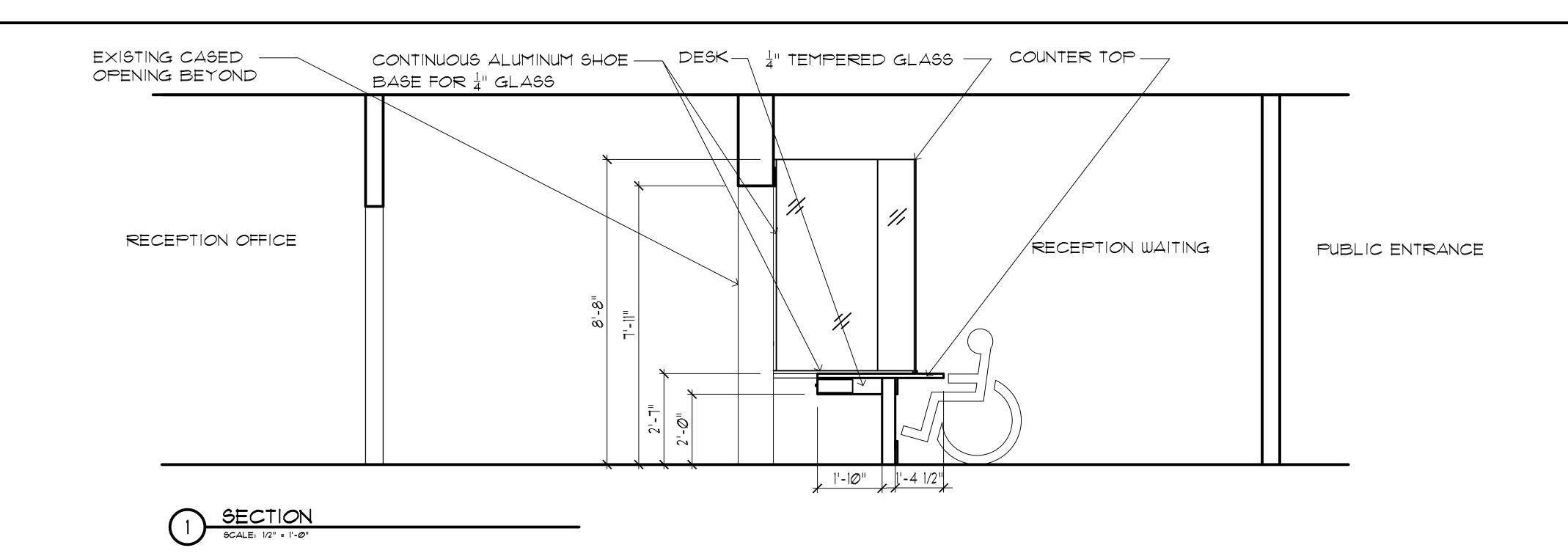
02-05-21 ISSUED FOR BID

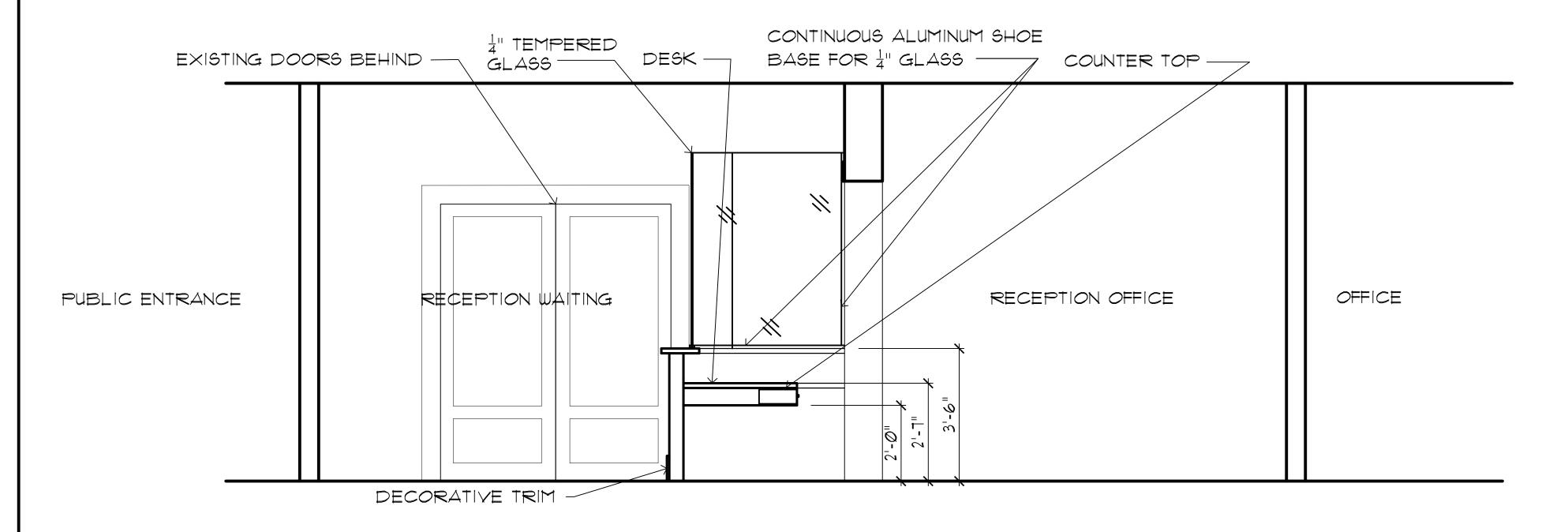
92-99-21 199UED FOR BID				
	REVISIONS			
	NO:	DATE:	DESCRIPTION	
	1	Ø3-16-2Ø21	OWNER REVISIONS	

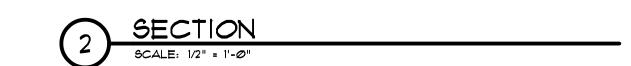
PROJECT NO:	20045.00
DRAWN BY:	FLM
PROJECT MANAGER:	RGW
CHECKED BY:	KJB
DATE:	11-18-20
SCALE:	1/2" = 1'-@"



DEMOLITION PLAN









PROFESSIONAL SEAL

KEVIN J. BESSOLO AR12069

COPYRIGHT BESSOLO DESIGN GROUP, INC.
THIS DRAWING AND ALL INFORMATION CONTAINED, INCLUDING ALL
RELATED DIGITAL DRAWINGS OR FILES HEREIN ARE THE EXCLUSIVE
PROPERTY OF BESSOLO DESIGN GROUP, INC. SHALL NOT BE COPIED OR
USED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF
SECOLO DESIGN GROUP, INC. AND MUST BE RETURNED UPON REQUEST
ALL DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION
PURPOSES UNLESS SIGNED AND SEALED BY KEVIN J. BESSOLO.

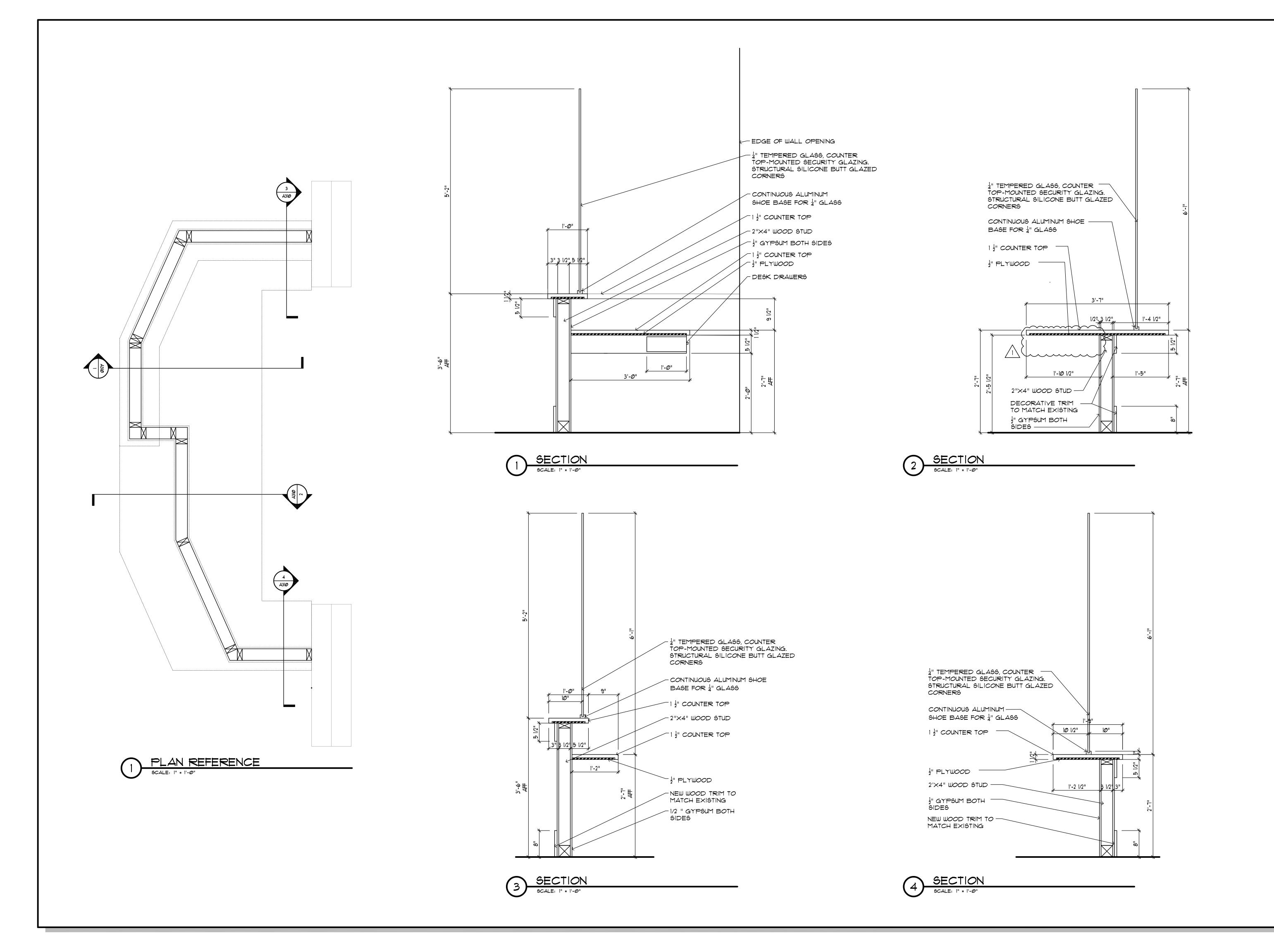
LACHUA COUNTY USING AUTHORIT

ISSUED 

22.0	2 1 100GLD	TOR DID
	REY	ISIONS
NO:	DATE:	DESCRIPTION
1	03-16-2021	OWNER REVISIONS

PROJECT NO:	20045.00
DRAWN BY:	FLM
PROJECT MANAGER:	RGW
CHECKED BY:	KJB
DATE:	11-18-20
SCALE:	1/2" = 1'-@"

DESK SECTIONS



BESSOLO
DESIGN GROUP, INC.

ARCHITECTURE DEVELOPMENT
License #AA-C002117
7901 4TH ST. NORTH, SUITE 200
ST. PETERSBURG, FL 33702
727 894-4453 www.bessolo.com
PROFESSIONAL SEAL

KEVIN J. BESSOLO

AR12069

COPPRIGHT BESSOLO DESIGN GROUP, INC.
HIS DRAWING AND ALL INFORMATION CONTAINED, INCLUDING ALL
ELATED DIGITAL DRAWINGS OR FILES HEREIN ARE THE EXCLUSIVE
ROPERTY OF BESSOLO DESIGN GROUP, INC. SHALL NOT BE COPIED OR
SED IN ANY MAY WITHOUT THE EXPRESS WRITTEN CONSENT OF

KEVIN J. BESSOLO
AR12069

© COPYRIGHT BESSOLO DESIGN GROUP, INC.
THIS DRAWING AND ALL INFORMATION CONTAINED, INCLUDING ALL
RELATED DIGITAL DRAWINGS OR FILES HEREIN ARE THE EXCLUSIVE
PROPERTY OF BESSOLO DESIGN GROUP, INC. SHALL NOT BE COPIED OF
JSED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF
SESSOLO DESIGN GROUP, INC. AND MUST BE RETURNED UPON REQUEST
ALL DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION
PURPOSES UNLESS SIGNED AND SEALED BY KEVIN J. BESSOLO.

ALACHUA COUNTY HOUSING AUTHORIT 103 NORTHEAST IST STREET GAINESVILLE, ALACHUA COUNTY, FLORID,

ISSUED

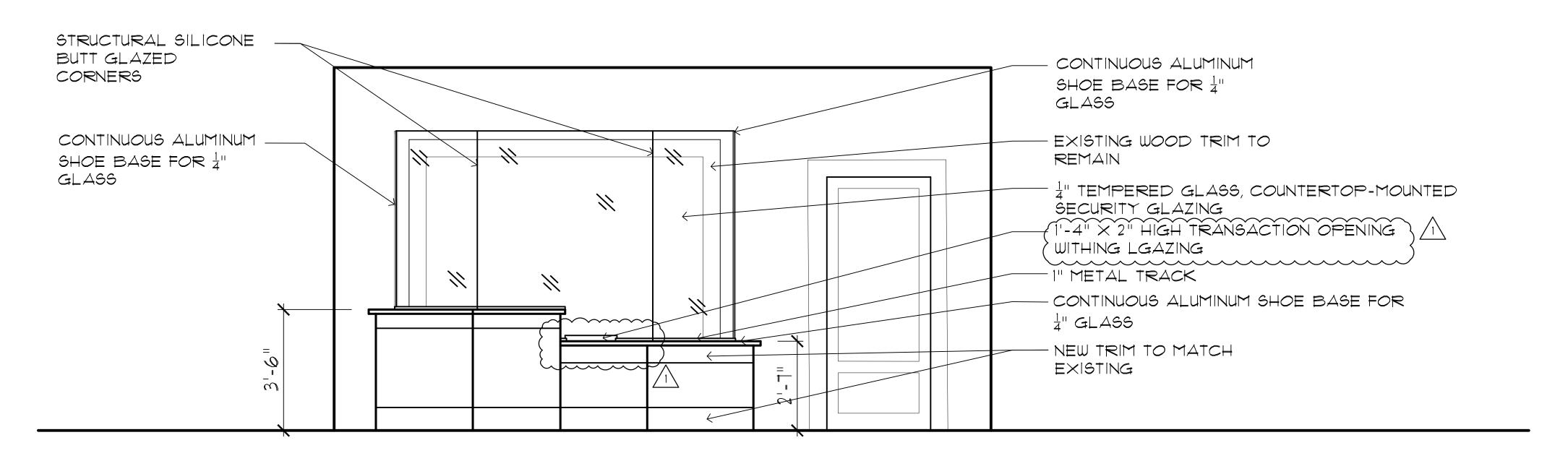
DATE: ISSUED FOR:

02-05-21 ISSUED FOR BID

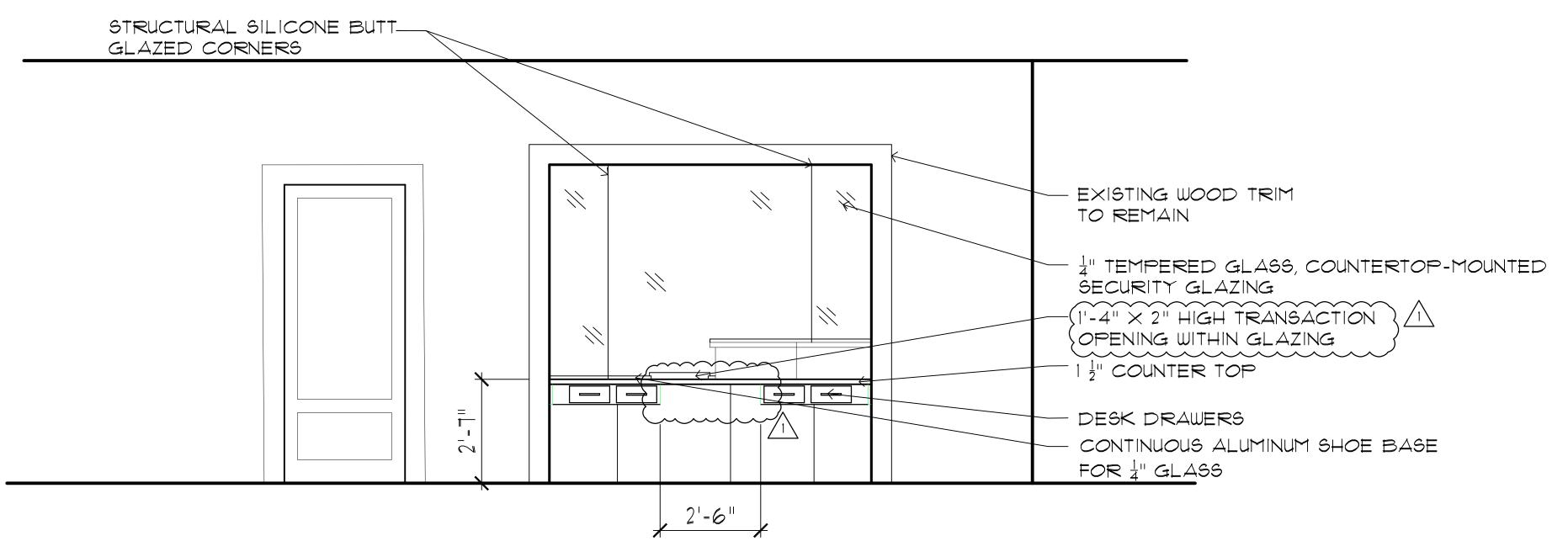
02-05-21 ISSUED FOR BID					
	REY	ISIONS			
NO:	DATE:	DESCRIPTION			
1	<i>0</i> 3-16-2 <i>0</i> 21	OWNER REVISIONS			

PROJECT NO:	20045.00
DRAWN BY:	FLM
PROJECT MANAGER:	RGW
CHECKED BY:	KJB
DATE:	11-18-20
SCALE:	1" = 1'-@"
_	









2 INTERIOR ELEVATION

SCALE: 1/2" = 1'-0"

BESSOLO

DESIGN GROUP, INC.

ARCHITECTURE DEVELOPMENT
License #AA-C002117

7901 4TH ST. NORTH, SUITE 200

ST. PETERSBURG, FL 33702

727 894-4453 www.bessolo.com

PROFESSIONAL SEAL

KEVIN J. BESSOLO AR12069

COPYRIGHT BESSOLO DESIGN GROUP, INC.

HIS DRAWING AND ALL INFORMATION CONTAINED, INCLUDING ALL ELATED DIGITAL DRAWINGS OR FILES HEREIN ARE THE EXCLUSIVE ROPERTY OF BESSOLO DESIGN GROUP, INC. SHALL NOT BE COPIED O SED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF ESSOLO DESIGN GROUP, INC. AND MUST BE RETURNED UPON REQUES LL DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION URPOSES UNLESS SIGNED AND SEALED BY KEVIN J. BESSOLO.

ALACHUA COUNTY
HOUSING AUTHORITY

1@3 NORTHEAST 1ST STREET

GAINESVILLE, ALACHUA COUNTY, FLORIDA 3266

ISSUED

DATE: ISSUED FOR:

02-05-21 ISSUED FOR BID

	100azp		
	REY	ISIONS	
NO:	DATE:	DESCRIPTION	
1	<i>0</i> 3-16-2 <i>0</i> 21	OWNER REVISIONS	
		REV	

PROJECT NO:	20045.00
DRAWN BY:	FLM
PROJECT MANAGER:	RGW
CHECKED BY:	KJB.
DATE:	11-18-20
SCALE:	1/2" = 1'-@"

INTERIOR ELEVATIONS



OVERHEAD OVERHEAD WIRES PULL BOX, PUSHBUTTON | PHOTOCELL POWER FACTOR PHASE PHASE, PHONE PANEL POE I POWER OVER ETHERNET POINT OF SALE POS POTS PLAIN OLE TELEPHONE SYSTEM PROVIDE AND INSTALL PULL STRING PRESSURE TREATED I PAN TILT ZOOM POLYVINYL CHLORIDE ELEC. DEVICE TO BE RELOCATED (DEMOLITION) RELOCATED ELECTRICAL DEVICE (RENOVATION) RECEPTACLE REFERENCE REQ'D REQUIRED REQUEST TO EXI REMOTE GENERATOR ANNUNCIATOR RGS RIGID GALVANIZED STEEL RUNNING LOAD AMPERES ROOM RATE OF RISE SCA SHORT CIRCUIT AMPERE SCH SCHEDULE SCR SHORT CIRCUIT RATING SMOKE DETECTOR SERVICE ENTRANCE SECONDS, SECONDARY SUPPLY FAN SINGLE GANG SURGE PROTECTIVE DEVICE SPD SINGLE POLE DOUBLE THROW SPECIFICATIONS SPEC STAINLESS STEEL SOUND SYSTEM AMPLIFIER SOUND SYSTEM TERMINAL CABINET SURGE PROTECTIVE DEVICE POWER DISTRIBUTION SWITCHBOARD TO BE DETERMINED TIMECLOCK TEMP TEMPERATURE TUNGSTEN HALOGEN TOTAL HARMONIC DISTORTION TOB TOP OF BOX TELEPHONE TERMINAL BOARD TTB TELEVISION TYTB TELEVISION TERMINAL BOARD TYP TYPICAL UNDERCOUNTER UNDERGROUND UON UNLESS OTHERWISE NOTED UNTWISTED PAIR **YOLTS** VERT VERTICAL VARIABLE FREQUENCY DRIVE **V**FD WEATHER HEAD WATT METER WEATHERPROOF XFMR, T TRANSFORMER EXPLOSION PROOF MC CABLES THE USE OF MC, MC-PCS, MC-HCF IS ALLOWED ON THIS PROJECT SUBJECT TO THE LIMITATIONS SET FORTH BELOW AND ACCORDING TO PARAMETERS SET FORTH IN NEC 10 ARTICLE 330. MC CABLE CAN BE USED TO CONNECT LUMINAIRES INSTALLED WITHIN AN ACCESSIBLE CEILING TO A JUNCTION BOX WHEN THE LENGTH DOES NOT EXCEED SIX FEET. IN SUCH INSTALLATIONS, THE MC CABLE FITTINGS SHALL BE PERMITTED AS MEANS OF CABLE MC CABLE CAN BE USED TO CONNECT DEVICES INSTALLED CONCEALED INSIDE A WALL CAVITY. MC CABLE CAN BE USED TO CONNECT THE LAST DEVICE IN A CIRCUIT TO A HOMERUN JUNCTION BOX MOUNTED ON OR ADJACENT TO THE FRAMING TOP PLATE. MC CABLE USE SHALL BE LIMITED TO #12, #10 AND #3 COPPER CONDUCTORS. MC CABLE SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND FRAMING MEMBERS. MC CABLE SHALL BE USED FOR BRANCH CIRCUITS ONLY. HOMERUNG SHALL BE IN CONDUIT MC CABLE SHALL BE PROTECTED WHEN INSTALLED THROUGH OR RUN PARALLEL TO FRAMING MEMBERS SO THAT THE NEAREST OUTSIDE SURFACE IS AT LEAST 1 1/4" FROM THE NEAREST EDGE OF THE FRAMING MEMBER. WHEN THIS DISTANCE CAN NOT BE MAINTAINED, THE CABLE SHALL BE PROTECTED FROM SCREW OR NAIL PENETRATION BY A STEEL PLATE, SLEEVE OR EQUIVALENT OF AT LEAST 1/16" THICK THE RADIUS OF INNER BEND IN CORRUGATED SHEATH MC CABLE SHALL BE GREATER THAN 4" FOR MC CABLE CONTAINING #12 CONDUCTORS AND 4.5" FOR MC CABLE CONTAINING #10 CONDUCTORS MC CABLES SHALL BE SUPPORTED AT LEAST EVERY 6' & WITHIN 12" OF EVERY BOX, FITTING OR OTHER TERMINATION. %%UNM CABLE. MC CABLE SHALL BE REPLACED WHEN THE CORRUGATED SHEATH HAS SEPARATED AND IS NO LONGER INTERLOCKED. MC-OCF, IF USED, LUMINARY CABLE SHALL BE USED WHEN CONNECTING A DIMMING DEVICE TO DIMMABLE LUMINAIRES. ELECTRICAL GENERAL NOTES NOT ALL ITEMS, NOTES, DETAILS, ABBREVIATIONS, SCHEDULES, AND LEGENDS ON THIS SHEET MAY BE APPLICABLE. CONTRACTOR SHALL BE LICENSED BY THE STATE OF WORK PROPOSED FOR AND ACQUIRE ALL NECESSARY PERMIT(S) AND INSPECTIONS AS MAY BE REQUIRED BY THE AHJ. INSTALLATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES AS LISTED. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE FOR THE INSTALLATION OF A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM THE CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SIT! CONDITIONS AND CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COORDINATE METERING, TRANSFORMER, AND SERVICE CONNECTION REQUIREMENTS WITH THE APPROPRIATE UTILITIES PROVIDE ANY AND ALL NECESSARY TEMPORARY CONNECTIONS OF EQUIPMENT, DEVICES, OR LUMINAIRES AS MAY BE REQUIRED FOR CONSTRUCTION. CONDUIT SHALL BE INSTALLED, CONCEALED, RECESSED, AND IN A NEA AND WORK-MAN-LIKE MANNER. ALL CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES. EXPOSED CONDUI ON EXTERIOR WALLS OF FINISHED WALLS IS PROHIBITED. CONDUIT SHALL BE EMT AND FITTINGS SHALL BE STEEL. FOR UNDERGROUND AND UNDER SLAB INSTALLATIONS, CONDUIT SHALL BE PVC OR IMC WITH AN ASPHALTIC COATING. ENT OR "SMURF" TUBING IS NOT APPROVED 0. CONDUCTORS IN CONDUIT INSTALLED EXPOSED TO DIRECT SUNLIGHT SHALL BE DE-RATED DEPENDING ON THE DISTANCE BETWEEN THE ROOF & BOTTOM OF CONDUIT PER NEC 310.15(B)3(C) & SHOULD BE INSTALLED USING THE APPROPRIATE SPACER SEAL ALL CONDUITS WHERE THE CONDUIT CONNECTS AN INTERIOR

ELECTRICAL GENERAL NOTES CONT. ABBREVIATIONS CONT. CONTRACTOR SHALL BE LICENSED BY THE STATE OF FLORIDA ACCORDING TO CHAPTER 489, FLORIDA STATUTES AND SHALL PROVIDE FOR AND ACQUIRE ALL NECESSARY PERMIT(S) AND INSPECTIONS AS MAY BE REQUIRED BY THE AHJ. INSTALLATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES AS LISTED. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE FOR THE INSTALLATION OF A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM. THE CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SITE CONDITIONS AND CONTRACT DOCUMENTS. PROVIDE ANY AND ALL NECESSARY TEMPORARY CONNECTIONS OF EQUIPMENT, DEVICES OR LUMINAIRES AS MAY BE REQUIRED FOR CONSTRUCTION. CONDUIT SHALL BE INSTALLED CONCEALED, RECESSED AND IN A NEAT AND WORKMANLIKE MANNER. ALL CONDUIT SHALL BE INSTALLED PARALLEL OR PPERPENDICULAR TO BUILDING LINES, EXPOSED CONDUIT ON EXTERIOR WALLS OF FINISHED WALLS IS PROHIBITED CONDUIT SHALL BE EMT AND FITTINGS SHALL BE STEEL. FOR UNDERGROUND AND UNDER SLAB INSTALLATIONS, CONDUIT SHALL BE PVC OR IMC W/AN ASPHALTIC COATING, ENT OR "SMURF" TUBING IS NOT APPROVED. ALL CONDUIT CUT ENDS SHALL BE REAMED PER NEC 35828. CONDUCTORS IN CONDUIT INSTALLED EXPOSED TO DIRECT SUNLIGHT SHOULD BE DE-RATED DEPENDING ON THE DISTANCE BETWEEN THE ROOF \$ BOTTOM OF CONDUIT PER NEC 310.15(B)3(C) & SHOULD BE INSTALLED USING THE APPROPRIATE SPACER. PROVIDE AN INDEPENDENT MEANS OF SUPPORT FOR CONDUIT INSTALLED ABOVE A CEILING WHERE THEY ARE DISTINGUISHABLE BY COLOR, TAGGING OR OTHER EFFECTIVE MEANS. THE CEILING SUPPORT SYSTEM SHALL BE PERMITTED TO SUPPORT BRANCH CIRCUIT WIRING WHERE INSTALLED IN ACCORDANCE WITH THE CEILING MANUFACTURER'S INSTRUCTIONS. PROVIDE A MINIMUM I 1/2" SPACE BETWEEN METAL CORRUGATED SHEET ROOF DECKING AND ANY CABLE, CONDUCT OR BOX PER NEC 300.4(E). PROVIDE AN INSULATED THROAT FITTING OR PLASTIC BUSHING FOR ALL I" LARGER CONDUIT TERMINATIONS IN PANELBOARDS, WIREWAYS AND DISCONNECT SWITCHES. BOND ALL JUNCTION AND PULL BOXES TO GROUND. ALL WIRE SHALL BE COPPER THIN, THUN OR XHHW UON, MINIMUM WIRE SIZE IS #12. AMPACITIES ARE CALCULATED USING THE 15°C COLUMN. REFER TO BRANCH CIRCUIT SCHEDULE FOR MAXIMUM LENGTHS OF CONDUCTORS. ALL WIRING DEVICES SHALL BE TERMINATED AT THE SCREW IN A CLOCKWISE DIRECTION. THE PUSH-IN TERMINATIONS SHALL NOT BE USED. TOTAL BRANCH CIRCUIT VOLTAGE DROP SHALL NOT EXCEED A TOTAL OF 5%. WIRE SHALL BE UPSIZED IN ACCORDACNE WITH NEC. MOTOR STARTING SWITCHES MAY BE ELIMINATED AT DUCT HEATERS AND VAV BOXES IF A DISCONNECTING MEANS HAS BEEN PROVIDED WITH THE INSTALL A FULL SIZE NEUTRAL TO ALL DEVICES INCLUDING SWITCHES. D. TERMINATE NO MORE THAN ONE WIRE PER TERMINAL PER NEC 110.14A. CONDUCTORS SHALL BE TWISTED TOGETHER PRIOR TO INSTALLATION OF REFER TO DATA/COMM DETAIL FOR EXTENT OF INSTALLATION REQUIRED. ALL BOXES SHALL BE A 4" SQUARE METAL BOX WITH THE APPROPRIATE RING. THE MAXIMUM GAP AROUND ANY RECESSED BOX SHALL NOT EXCEED 1/8" AND THE MAXIMUM SETBACK SHALL NOT EXCEED 1/4" PER NEC 314.20 \$ VERIFY DOOR SWINGS AND BACK SPLASH HEIGHTS AT ROUGH IN. . STAGGER BACK TO BACK WALL BOXES IN ALL WALLS BY AT LEAST ONE . ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT PER NEC PROVIDE ARLINGTON "IN BOX" IN USE COVERS FOR ELECTRICAL DEVICES INSTALLED IN DAMP AND WET AREAS WITH THE APPROPRIATE DUTY PER NEC 406.9 PROVIDE FIRE RATED, FIVE SIDED, BOXES FOR FIRE RATED WALLS AND CEILINGS. CONFIRM LOCATIONS OF CEILINGS AND WALLS WITH

> ALL INSTALLED EQUIPMENT. . AN FS BOX IS NOT APPROVED AS A SUPPORT FOR A LUMINAIRE. 3. PROVIDE A DISCONNECTING MEANS IN ALL FLUORESCENT LUMINAIRES THAT ARE INSTALLED NEW OR REPAIRED.

NEC 410,36(B) AND DETAIL PROVIDE DOCUMENTATION WITH CLOSE OUT DOCUMENT PROVING THAT ANY AND ALL BALLAGTS AND LAMPS HAVE BEEN RECYCLED BY AN APPROVED RECYCLING VENDOR. . PROVIDE THE APPROPRIATE FIRE STOP SYSTEM AND/OR FIRE CAULK A' ANY PENETRATION OF A RATED VERTICAL ASSEMBLY

PENETRATIONS OF A RATED HORIZONTAL ASSEMBLY WITH A METAL CONDUIT NOT EXCEEDING 6 INCH NOMINAL DIAMETER, INSTALL CONCRETE, GROUT, OR MORTAR THE FULL THICKNESS OF THE FLOOR AS REQUIRED BY FBC 113.4.1.1 50 TO MAINTAIN THE FIRE RESISTANCE RATING. FOR MULTIPLE PENETRATIONS, REFER TO THE FBC . ALL JUNCTION BOXES ARE TO BE ACCESSIBLE PER NEC ARTICLE 100 5. NOT ALL ITEMS, NOTES, DETAILS, ABBREVIATIONS, SCHEDULES AND LEGENDS ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT.

ARCHITECTURALS PRIOR TO ELECTRICAL ROUGH-IN INSPECTIONS

INDICATE ITS PURPOSE, FEED, AND OF SUFFICIENT DURABILITY TO

WORKING SPACE CAN BE MAINTAINED PER NEC 110.26 AND DETAIL.

WITHSTAND THE ENVIRONMENT INVOLVED PER NEC 110.22.

"TYPICAL" NOTES APPLY TO ALL SIMILAR SITUATIONS.

D. EACH PANEL BOARD AND DISCONNECTING MEANS SHALL BE MARKED TO

PROVIDE A TYPED PANEL SCHEDULE REFLECTING INSTALLED CONDITIONS

FOR ALL PANEL BOARDS WITH "SPACE" OR "SPARE" WRITTEN IN PENCIL.

INSTALL LOAD CENTERS AND DISCONNECTS SO THAT AT LEAST 3 1/2' OF

ELECTRICAL EQUIPMENT SUPPORT WIRES SHALL BE TAUT & FASTENED AT

. PROVIDE A DISCONNECTING MEANS FOR EACH WATER HEATER PER FPC

. LABEL ALL JUNCTION BOX COVERS WITH CIRCUITS DESIGNATION CONTAINED

PROVIDE OPERATING AND INSTALLATION INSTRUCTIONS TO THE OWNER FOR

NAIRES INSTALLED IN SUSPENDED CEILINGS SHALL BE FASTENED TO

THE CEILING FRAMING MEMBERS WITH LISTED CLIPS IN ACCORDANCE WITH

. WHERE THREADS ARE FIELD CUT, COAT THE THREADS WITH AN APPROVED

5. WALL LUMINAIRES SHALL BE INSTALLED AFTER WALL FINISHES HAVE BEEN

6. STRUT INSTALLED ABOVE MULTIPLE PANELBOARDS SHALL BE CONTINUOUS

. WHERE MULTIPLE SWITCHES ARE INSTALLED, THE SWITCH CLOSEST TO THE

. WHEN AVAILABLE, ALL BREAKERS SHALL MATCH EXISTING STYLE AND TYPE

. PROVIDE HACR BREAKERS FOR ALL HVAC EQUIPMENT AND GFCI BREAKERS

PROVIDE AS BUILT DRAWINGS AND A COPY OF APPROVED SHOP DRAWINGS

INSTALL LUMINAIRES WITH BATTERY TEST SWITCHES WITH THE TEST BUTTON

CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT DIMENSIONS PRIOR

. CONTRACTOR SHALL IDENTIFY AND LOCATE STRUCTURAL EXPANSION JOINTS

CONDUITS SHALL ROUTE / BRIDGE BETWEEN BUILDING SLABS AND WALLS

MECHANICAL EQUIPMENT. REFERENCE PLUMBING DRAWINGS FOR EXACT

. BACK TO BACK BOXES SHALL NOT BE INSTALLED. PROVIDE FIRE RATED

.PROVIDE POWER TO ALL MOTORIZED FIRE SMOKE DAMPERS INDICATED ON

STANDARDS AS ADOPTED BY FLORIDA STATE MARSHALL'S RULE CHAPTER

69A-3.012 AND 69A-60, FLORIDA ADMINISTRATIVE CODE (FAC), INCLUDING

BUT NOT LIMITED TO, NEPA 101 (2015 EDITION), NEPA 70 (2014 EDITION), NEPA

12 (2013 EDITION) NEPA 99 (2015 EDITION) NEPA 110 (2013 EDITION) FLORIDA

BUILDING CODE (2017 EDITION) WITH THE FGI GUIDELINES FOR DESIGN AND

MILLWORK AND CABINETS. REFERENCE ARCHITECTURAL ELEVATIONS AND

). VERIFY LOCATIONS OF RECEPTACLE, AND OUTLETS REQUIRED FOR ALI

DOOR SHALL OPERATE THE LIGHT OF THE ROOM BEING ENTERED.

.PROVIDE DUAL FUNCTION, GFCI/AFCI BREAKERS FOR DISHWASHERS

INSTALL EQUIPMENT AND SYMBOLS ARE SHOWN ARE DIAGRAMMATIC

USING APPROVED METHODS. REFERENCE NEC ARTICLE 250.98..

LOCATIONS OF PLUMBING EQUIPMENT. PROVIDE ALL ELECTRICAL

. IF NOT PROVIDED WITH EQUIPMENT, PROVIDE MOTOR STARTER WITH

MCONTRACTORS SHALL COMPLY BY ALL APPLICABLE CODES ANI

OVERLOAD PROTECTION SIZED IN ACCORDANCE WITH NEC.

CONSTRUCTION OF HEALTHCARE FACILITIES (2014 EDITION).

COORDINATE WITH APPROPRIATE TRADES AS REQUIRED.

. REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF

COMPONENTS FOR COMPLETE POWER TERMINATIONS

UPON COMPLETION PER FLORIDA ENERGY CODE C405.7.4.

. WHERE A TWO POLE OCCUPANCY SENSOR IS INSTALLED, THE BUTTON

CLOSEST TO THE DOOR SHALL OPERATE THE LIGHT.

IN LIEU OF MULTIPLE SHORT PIECES.

FOR ASSOCIATED PANELBOARD.

FOR DRINKING FOUNTAINS.

TO CONSTRUCTION

PADS AS REQUIRED.

MECHANICAL DRAWINGS.

CORROSION RESISTANT, ELECTRICALLY CONDUCTIVE COMPOUND PER NEC

ALL PANEL BOARD BUS SHALL BE COPPER.

. INSTALL ALL PLATES SO EDGES ARE FLUSH WITH WALL SURFACE I. FOR ALL LED LUMINAIRES, MARK EACH FIXTURE WITH TAG #, MANUFACTURER MODEL NUMBER, INSTALLATION DATE, INSTALLING CONTRACTOR AND LENGT PROVIDE ALL NECESSARY JUNCTION BOXES, SHOWN AND NOT SHOWN, THAT MAY BE REQUIRED FOR A COMPLETE AND ACCESSIBLE CODE COMPLIANT . RECEPTACLES INSTALLED WITHIN 6' OF WATER SOURCE SHALL BE GFIC

IRREGARDLESS OF PLAN DESIGNATION. COORDINATE INSTALLATION OF RECEPTACLES SHOWN ADJACENT TO MILLWORK WITH ARCHITECTURAL ELEVATIONS SO THEY ARE ACCESSIBLE. LOCATIONS SHOWN ON PLAN ARE DIAGRAMMATIC. 9. INSTALL A BOX AND SUPPORT FOR A 70LB DYNAMIC LOAD AT ALL CEILING WHERE A LUMINAIRE IS INSTALLED MOUNTED TO A BOX, INSTALL A BOX AND SUPPORT RATED FOR A 50LB STATIC LOAD. SUCH LUMINAIRES INCLUDE BUT

ARE NOT LIMITED TO EXIT LIGHTS, EGRESS LIGHTING, WALL PACS & WALL WHERE A CONDUCTOR IS TOO LARGE TO TERMINATE TO A BREAKER OR DISCONNECT, PROVIDE AND INSTALL A STEP DOWN COMPRESSION ADAPTOR OR COUPLER REDUCER.

- ACCORDING TO CHAPTER 489, FLORIDA STATUTES AND SHALL PROVIDE
- CONDUIT BODY TO AN EXTERIOR CONDUIT BODY OR LUMINAIRE. UNDERGROUND PVC CONDUIT SHALL BE A LEAST 12" UNDER SIDEWALKS 24" UNDER PARKING LOTS & DRIVEWAYS AND 18" IN ALL OTHER LOCATIONS PER NEC 300.5.

(N)

DESIGN GROUP, INC ARCHITECTURE ■ DEVELOPMENT

7901 4TH ST. NORTH, SUITE 200 ■ ST. PETERSBURG, FL 33702 727 894-4453 www.bessolo.com 

License #AA-C002117

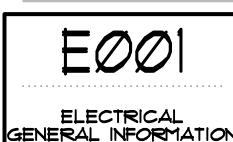
ENGINEERS, INC License # EB-0007103 7901 4TH ST. NORTH, SUITE 200 ST. PETERSBURG, FL 33702 (727) 894-4668 PROFESSIONAL SEAL

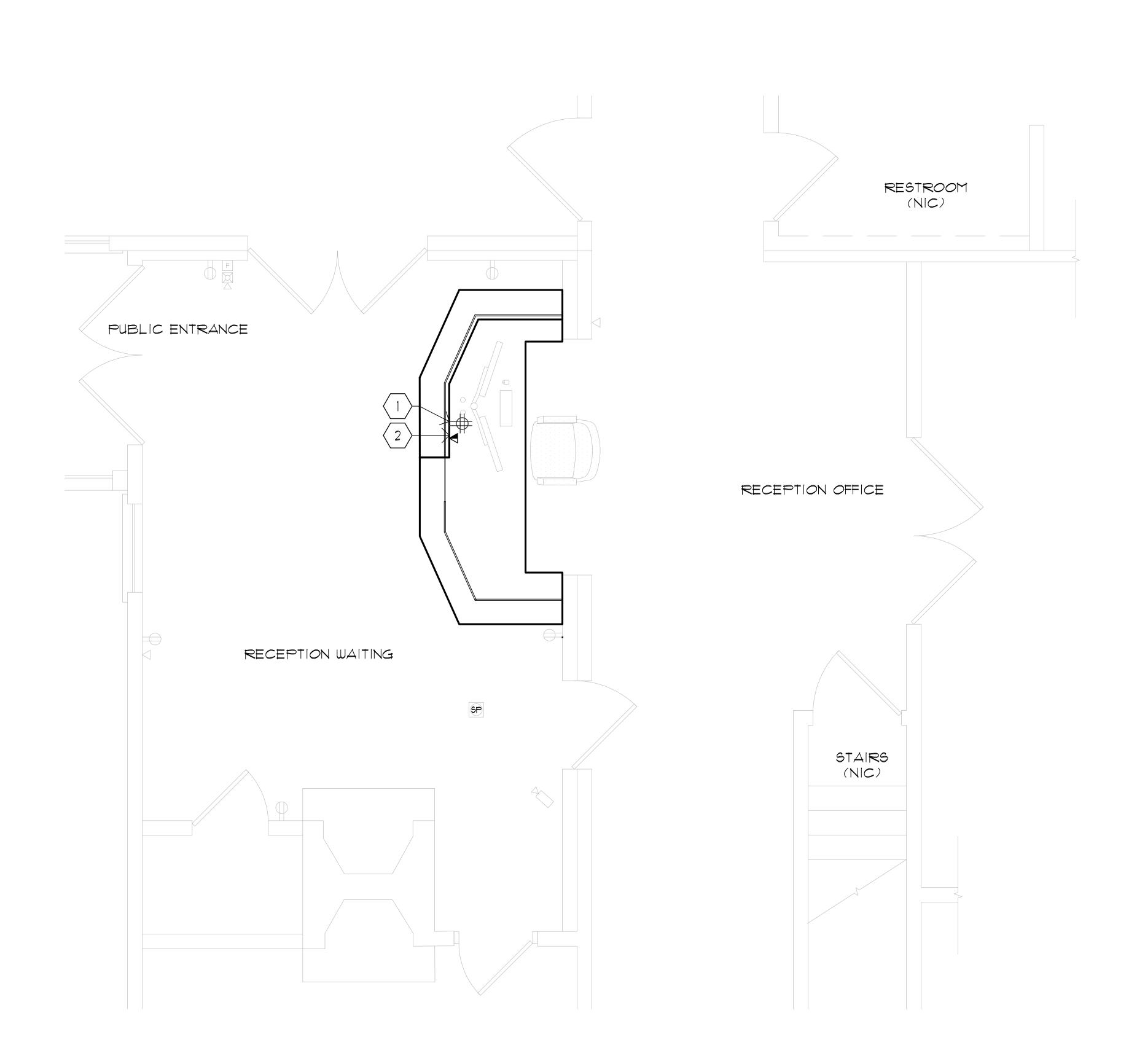
Nestor D. Martinez, P.E. State of Florida 61756 OPYRIGHT KEM ENGINEERS, INC. THIS DRAWING AND ALL INFORMATION ITAINED, INCLUDING ALL RELATED DIGITAL DRAWINGS OR FILES HEREIN EXCLUSIVE PROPERTY OF KEM ENGINEERS, INC. SHALL NOT BE COPIE DI IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF KEM INKERS, INC. AND MUST BE RETURNED UPON REQUEST. ALL DRAWING PREJIMINARY AND NOT FOR CONSTRUCTION PURPOSES UNLESS SIGN IN SPALED IN PESTOR DI MARTINEY P.F. LU BY NESION D. MARTINEZ, P.E.
HAS BEEN DIGITALLY SIGNED AND SEALED BY NESTOR D. MA
HE DATE ADJACENT TO THE SEAL, PRINTED COPIES OF THIS
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNAT
(FRIFIED ON ANY ELECTRONIC COPIES)

ISSUED ATE: | ISSUED FOR: 2-05-21 CONSTRUCTION DOCUMENTS

	REY	ISIONS			
NO:	DATE:	DESCRIPTION			
1	Ø3-16-2Ø21	OWNER REVISIONS			

PROJECT NO: 20045.00 PROJECT MANAGER 11-18-20 NOT TO SCALE





GENERAL NOTES:

REFER TO DRAWING E001 FOR LEGEND, SYMBOLS, ABBREVIATIONS AND ADDITIONAL GENERAL NOTES.

- CONFIRM ALL EXISTING TO REMAIN ELECTRICAL DEVICES OR COMPONENTS (POWER RECEPTACLES, DATA OUTLETS, SWITCHES, LIGHTING FIXTURES, WIRING, CABLING, ETC.) MAINTAIN BRANCH CIRCUIT AND CONTROL CONTINUITY.
- REFERENCE ARCHITECTURAL ELEVATIONS TO CONFIRM LOCATIONS OF DEVICES WITH LOCATIONS SHOWN COUNTERS/MILLWORK, EXISTING DEVICES SHALL BE RELOCATED AS NEEDED. COVER PLATES FOR DEVICES SHALL COMPLY WITH NEC 404.9(A).
- 4. MAINTAIN THE INTEGRITY OF THE FIRE ALARM SYSTEM AND FUNCTIONALITY DURING THE RENOVATION PERIOD.

## KEY NOTES:

1. PROVIDE A NEW QUAD RECEPTACLE AS INDICATED. COORDINATE EXACT LOCATION WITH THE RELOCATED DESK. EXTEND EXISTING A NEW 20 AMP/ SINGLE POLE POWER CIRCUIT IN THE RENOVATED OFFICE AREA TO BE CONNECTED TO THE NEW QUAD RECEPTACLE LOCATION. CONCEAL RECEPTACLE TO THE GREATEST EXTENT POSSIBLE.

2. PROVIDE NEW PHONE/DATA OUTLET.

### WALL LEGEND

EXISTING WALL

EXISTING DOOR TO REMAIN NEW DOOR

KEM ENGINEERS, INC License # EB-0007103 7901 4TH ST. NORTH, SUITE 200 ST. PETERSBURG, FL 33702

(727) 894-4668 PROFESSIONAL SEAL

ARCHITECTURE DEVELOPMENT License #AA-C002117 7901 4TH ST. NORTH, SUITE 200

ST. PETERSBURG, FL 33702 727 894-4453 www.bessolo.com 

> Nestor D. Martinez, P.E. State of Florida 61756

DATE: ISSUED FOR:

02-05-21 CONSTRUCTION DOO

	<i>0</i> 2- <i>0</i> 5	5-21 CONSTR	RUCTION DOCUMENTS		
		REY	ISIONS		
	NO:	DATE:	DESCRIPTION		
	1	<i>0</i> 3-16-2 <i>0</i> 21	OWNER REVISIONS		

PROJECT NO:	20045.00
DRAWN BY:	SMY
PROJECT MANAGER:	RGW
CHECKED BY:	NDM
DATE:	11-18-20
SCALE:	1/2" = 1'-@"

