ADDENDUM NO. 2
CITY HALL I.T. TENANT IMPROVEMENT PROJECT
PROJECT NO. 2017-22

ISSUED DATE: JANUARY 12, 2017

The following questions regarding the project were received by the City. Responses to each question follow.

1. Is there an Engineer's Estimate for the project?
   Response: None. There is no Engineer's Estimate for the project.

2. Does the project involve fire sprinkler work?
   Response: No new sprinklers heads will be added and no existing sprinkler heads will be removed. Existing sprinkler head locations may need to be adjusted to work with the new t-bar ceiling grid.

3. Will the existing furniture and equipment within the project area be removed by the owner?
   Response: Yes.

4. Is there an abatement report available for the project? Has a hazardous material investigation undertaken and is a report available?
   Response: There is no abatement report available for the project. For the purpose of the bid, it shall be assumed that there are no hazardous materials in the work area. Should hazardous material be discovered in the course of the work, it shall be handled via Change Order.

5. Are permits required for the project?
   Response: Yes. The plans are being reviewed by the Building Division. Awarded contractor will pull the building permit before commencing the work. This is a no-fee building permit.

6. Acquiring carpet to match existing may have a 6-8 week lead time. Given the project duration is less than the lead time and the carpet would be installed after the contract final completion date, how does the City intend to address this potential schedule issue?
   Response: The specified carpet tile shall be Owner-furnished, Contractor-installed.

The following revisions are hereby made to the above referenced project.

7. Replace the following Drawing Sheets with the attached revised:
   A0.0, A1.0, A1.1, A1.2, A1.3, A2.0, A3.0

8. Pursuant to Document 00700 "General Conditions", Paragraph 6.18 "Cooperation with Others", bidders are hereby notified that City will employ its own contractor to provide data/network cabling in the area of work. City's cabling contractor will exert every effort so that the performance of their work will have minimal to no impact on the awarded Contractor's scope of work.

All questions regarding the project must be transmitted in writing to Public Works, Capital Improvement Program staff by fax or e-mail. Fax number is 408-777-3333 and e-mail address is CapitalProjects@cupertino.org.

Please indicate receipt of this addendum on the last page of the Bid Form. Failure to do so may cause rejection of your bid.

APPROVED BY:

Timm Borden
Director of Public Works

Abbreviations

@	At	COL	Column	F H	Fire Hydrant	MR	Moisture Resistant	S	South
X	By	CONC	Concrete	FIN	Finish	MTD	Mounted	SCH	Schedule
℄	Center Line	CONST	Construction	F O C	Face Of Concrete	MTL	Metal	SEC	Section
°	Degrees	CONT	Continuous	F O F	Face Of Finish	MUL	Mullion	SHT	Sheet
Ø	Diameter	CORR	Corridor	F O M	Face Of Masonry	N	North	S O V	Shut Off Valve
(E)	Existing	CTR	Center	F O S	Face Of Stud	N A	Not Applicable	SPEC	Specification
'	Foot/Feet	CTSK	Countersink	FRMG	Framing	N I C	Not In Contract	SS	Sanitary Sewer
"	inch/inches	CUST	Custodial	F S	Finished Surface	NOM	Nominal	STD	Standard
(N)	New	C O T G	Clean Out To Grade	FTG	Footing	N R	Not Required	STO	Storage
±	Plus/Minus	C W	Cold Water	FUT	Future	N T S	Not To Scale	STRUC	Structural
#	Pound/Number	D B L	Double	GALV	Galvanized	O C	On Center	SUSP	Suspended
(R)	Remove	DEMO	Demolition	G B	Grade Break	O F S	Off Face of Stud	T B	Tack Board
A B	Anchor Bolt	DET	Detail	GL	Glass	O H	Overhang	T G	Top of Grate
ABV	Above	D F	Drinking Fountain	GR	Grade	OPG	Opening	T O C	Top Of Concrete
A C	Asphaltic Concrete	DIA	Diameter	GSM	Galvanized Sheet Metal	OPP	Opposite	T O P	Top Of Plate
ADJ	Adjustable	DIM	Dimension	GYP	Gypsum	O/	Over	T O S	Top Of Slab
A F F	Above Finished Floor	DN	Down	H B	Hose Bib	P A	Planting Area	T W	Top Of Wall
ALUM	Aluminum	D S	Downspout	HDW	Hardware	P C	Portland Cement	U O N	Unless Otherwise Noted
ANCH	Anchor	DWG	Drawing	HR	Hour	PDF	Powder Driven Fastener	V C T	Vinyl Composite Tile
A P	Access Panel	E	East	HT	Height	P H	Panic Hardware	V C TB	Vinyl Covered Tackboard
ARCH	Architectural	EA	Each	I D	Inside Diameter	PL	Plate	V I F	Verify in Field
ASPH	Asphalt	E F	Exhaust Fan	I E	Invert Elevation	P LAM	Plaster Laminate	W	Waste
BD	Board	E J	Expansion Joint	INSUL	Insulation	PLWD	Plywood	W	West (elevation dwg's)
BLDG	Building	ELEC	Electrical	INT	Interior	PR	Pair	W B	White Board
BLK	Block	ELEV	Elevation	INV	Invert	P T D F	Pressure Treated Douglas Fir	W C	Water Closet
BLKG	Blocking	EMER	Emergency	I T	Information Technology	R C P	Reflected Ceiling Plan	W/	With
BM	Beam	E P	Electrical Panel	J H	Joist Hanger	R D	Roof Drain	W I	Woodwork Institute
BOT	Bottom	EQ	Equal	JT	Joint	REF	Refer To:	W/O	Without
B/T	Between	EQUIP	Equipment	LAM	Laminate	REINF	Reinforced	WD	Wood
BW	Bottom of Wall	E/S	Each Side	LAV	Lavatory	REQD	Required	WT	Weight
C	Conduit	F A	Fire Alarm	LT	Light	RM	Room		
C A B	Cabinet	F D	Floor Drain	MAX	Maximum	R O	Rough Opening		
C B	Catch Basin	F D C	Fire Department Connection	M B	Marker Board	RR	Roof Rafter		
C I	Cast Iron	FDN	Foundation	MFR	Manufacturer	R W L	Rain Water Leader		
C J	Construction Joint	F E	Fire Extinguisher	M H	Manhole				
CLG	Ceiling	F G	Finished Grade	MIN	Minimum				
CLR	Clear								

General Notes

All work performed under the conditions of these drawings shall comply in every respect with the following:
2013 Cal. Administrative Code, Part 1, Title 24 CCR
2013 Cal. Building Code (CBC), Part 2, Title 24 CCR
(2012 IBC, Vol. 1-2 & 2013 CA AMDT)
2013 Cal. Electrical Code (CEC), Part 3, T-24 CCR (2011 NEC & 2013 CA AMDT)
2013 Cal. Mechanical Code (CMC), Part 4, T-24 CCR
(2012 UMC & 2013 CA AMDT)
2013 Cal. Plumbing Code (CPC), Part 5, T-24 CCR (2012 UPC & 2013 CA AMDT)
2013 Cal. Energy Code, Part 6, T-24 CCR
2013 Cal. Fire Code (CFC), Part 9, T-24 CCR (2012 IFC & 2013 CA AMDT)
2013 Cal. Green Building Standards Code, Part 11, Title 24 CCR
2013 Cal. Referenced Standards Code, Part 12, Title 24 CCR
Title 19 CCR Public Safety, State Fire Marshal Regulations
2007 ASME A17.1 (w/ A17.1a/CSA B44a-08 Addenda)
Safety Code for Elevators and Escalators
Manual of Steel Construction, 14th Edition
2012 National Design Specification for Wood Construction
ACI-318-11 Code & Commentary
NFPA 13 Automatic Sprinkler System, 2013 Ed.
NFPA 14 Standpipe Systems, 2013 Ed.
NFPA 17 Dry Chemical Extinguishing Systems, 2013 Ed.
NFPA 17A Wet Chemical Systems, 2013 Ed.
NFPA 20 Stationary Pumps, 2013 Ed.
NFPA 22 Water Tanks for Private Fire Protection, 2013 Ed.
NFPA 24 Private Fire Service Mains, 2013 Ed.
NFPA 72 National Fire Alarm Code, 2013 Ed.
NFPA 80 Fire Doors and Other Opening Protectives, 2013 Ed.
NFPA 92 Standard for Smoke Control Systems, 2012 Ed.
NFPA 253 Critical Radiant Flux of Floor Covering Systems, 2006 Ed.
NFPA 2001 Clean Agent Fire Extinguishing Systems, 2012 Ed.
ADAAG: Americans with Disabilities Act Accessibility Guidelines
2010 ADA Standards for Accessible Design

Americans with Disabilities Act
It is the intent of these Documents to meet guidelines for accessibility to this public place of accommodation, by individuals with disabilities. These guidelines have been applied during design and shall be applied during construction to the extent required by CBC, and Federal agencies under the Americans with Disabilities Acts of 1990. If the Owner, Contractor or any Subcontractors become aware of any assembly or condition, either shown in the Drawings or constructed on-site, which does not, in their opinion, satisfy this intent or meet industry standards for construction quality, it is their responsibility to notify the Architect within a reasonable amount of time so that the condition or assembly can be reviewed, and, if necessary, modifications can be made to the Documents or to the Work without impacting the progress.

California Title 24
The intent of these drawings and specifications is that the work of the alteration is to be in accordance with Title 24, CCR. Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, CCR, a change order, or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by the building department before proceeding with the work.

Administrative Requirements
~~Administration of construction contract shall be per 2013 Part I, Title 24 California Code of Regulations (CCR): Duties of Architect or Professional Engineer per Section 4-333(a) & 4-341, Duties of Contractor per Section 4-343.~~ City has filed a building permit application. Contractor will be responsible for the permits. ⚠1

The Contractor shall keep a copy of Title 24, Part I & II, available in field during construction.

Changes
Work shall be executed strictly in accordance with approved plans, addenda, and change orders. Such addenda and change orders shall be prepared in accordance with Section 4-338, Part I, Title 24 CCR.

Inspections
Inspector and continuous inspection of work shall be per Section 4-333(b) and 4-342. Contractor shall coordinate with city for inspection requirements. ⚠2

Site Examination
The Contractor shall thoroughly examine the site and satisfy himself as to the conditions under which the Work is to be performed. The Contractor shall verify at the site all measurements and conditions affecting his work and shall be responsible for same unless brought to the attention of the Owner or his agent prior to proceeding with the Work. Commencement of work by Contractor or any Subcontractor shall indicate a knowledge and acceptance of all conditions described in the Documents or existing on site which could affect their work.

Moisture Proof Interior Spaces
It is the intent of these Documents to provide for the construction of a moisture proof enclosure of interior space. If the Owner, Contractor or any Sub-contractors become aware of any assembly or condition, either shown in the Drawings or constructed on-site, which does not, in their opinion, satisfy this intent, it is their responsibility to notify the Architect within a reasonable amount of time so that the condition or assembly can be reviewed, and, if necessary, modifications can be made to the Documents or to the Work without impacting the progress.

Moisture Protection During Construction
Should any special situations or climatic conditions occur during construction the Owner, Contractor and Sub-contractors shall so notice and implement any measures required to assure the protection of materials and assemblies. The Contractor shall take all necessary measures to protect new or existing construction and materials from damage due to weather or any other adverse conditions.

Use of Site
Work shall occur while portions of the site are occupied by the Tenant. Contractor is fully responsible for site safety and control of public access near work zones. Roadways shall be maintained clear of construction equipment or materials at all times. Existing landscaping shall be protected as required to prevent any damage to plants and trees unless specified for removal in plans or by Owner.

Use of Documents (As Applicable) ⚠3
No guarantee for quality of construction is implied or intended by these Documents. The Contractor shall assume full responsibility for any construction deficiencies.

All Contract Documents described in the Construction Contract shall be considered one document and are intended to be used as one document. Contractor and all sub-contractors shall review all documents prior to bidding. Sub-contractors are responsible for any information pertaining to their work no matter where it may occur in these Documents.

Dimension Control
All dimensions and conditions shall be checked and verified, both in the Documents and on the job, by Contractor and each Sub-contractor before proceeding with the work. Any errors, omissions, discrepancies or deficiencies shall be brought to the attention of the General Contractor prior to proceeding with the Work. All dimensions take precedent over scale. Where dimensions are not entirely clear the Contractor shall notify the Architect and request clarification.

DRAWINGS SHALL NOT BE SCALED

General Sheet Notes

All dimensions given take precedence over scale. Contractor shall not scale drawings to determine dimensions without consulting the Architect. Contractor shall review all dimensions for accuracy prior to construction.

Dimensions given as "CLR" are to face of finish. Otherwise, all dimensions are to face of stud/structure unless other wise noted.

Repeating items or assemblies may not be noted or dimensioned at all occurrences where repetition is obvious or noted as typical.

Refer to Demolition Plan for items to remain, items to be salvaged and/or relocated. Unless indicated elsewhere.

Refer to Opening Schedule for new door. Unless indicated elsewhere.

Refer to Interior Elevations for locations of all trims, fixtures, casework, and accessories. Unless indicated elsewhere.

Electrical switches, cooling, heating, and ventilating controls, and receptacle outlets (including phone/ data) to be located 48" max to top of device and 15" min to bottom of device UON.

Refer to Specifications for additional requirements.

Legend & Symbols

North Arrow/Graphic Scale
direction of plan north
Graphic scale
Sheet Drawing Scale

Building Elevation Reference
Triangle indicates view direction

Building Section Reference
Section identification
Sheet reference, triangle indicates view direction

Wall Section Reference
Section identification
Sheet reference, triangle indicates view direction

Detail Call-Out
Section identification
Sheet reference
Cut line indicates view direction

Detail Call-Out
Section identification
Sheet reference
Indicated area

Match Line

Elevation/Control Point
Control point, work point, or datum point

Keynote Number

Room Identification
Room name
Room number
Ceiling height within room

Dimension
Dimension are from face of stud to face of stud. UNO

Face of Finish

Fire Extinguisher (2A10BC)
Cabinet mounted, handle max 4'-0" a.f.f. refer interior elevations. City to provide extinguisher, contractor to provide blk'g & installation

Wall mounted, handle max 4'-0" a.f.f. refer interior elevations. City to provide extinguisher, contractor to provide blk'g & installation

Vicinity Map

Project Directory

Owner
City of Cupertino
10300 Torre Avenue
Cupertino, California 95124
(408) 371-0960

Architect
Bartos Architecture
1730 S. Amplett Blvd., Suite 225
San Mateo, California 94402
(650) 340-1221

Reviewed by:

1-12-17
Alex Acenas, AIA — Date
Public Works Project Manager

Approved by:

1.12.17
Timm Borden, RCE#45512 — Date
Director of Public Works

Project Scope

This is a Tenant Improvement project of 1,025 s.f., to the existing City Hall building, which is a type II-A (Business group B occupancy).
Removing non bearing wall partitions to create an open office area for I.T. There will be some modifications to Electrical, Lighting, Mechanical & Fire Sprinklers. All Electrical, Mechanical & Fire Sprinkler scope to be design build, contractor to provide shop drawings for City approval prior to installation.

- The following items are included in the scope of work. Not all scope items are listed here. Refer to all other components of the construction documents for additional scope.
- ***If contractor does not intend to provide any of these items, contractor should not submit a bid on this project. If any questions arise during bid period as to these requirements, contractor shall contact the City of Cupertino for clarification.***
- ***Contractor shall ensure that construction operations in this project do not inhibit the continuous operation in other areas of the building of all low voltage systems including but not limited to: Fire Alarm, Energy Management, Security, Access, and Data . Contractor is responsible for all means and methods to ensure this requirement is met. Change orders for logistical operations related to continuous operation of these components will not be entertained.***
- Contractor to provide 'As-built' DATA / Electrical drawings of all existing conditions and their connections prior to the start of any demolition or construction.
- All demolition required to accomplish and complete the work.
- Remove existing floor to existing substrate.
- Remove various partition walls.
- Remove gypsum board ceilings where noted.
- Remove suspended ceilings where noted.
- Remove existing lighting.
- All patch work to match adjacent surfaces in compliance with new industry standards.
- Remove suspended acoustic tile & related furring/ support system.
- Patch and repair walls and soffits.
- Modify electrical and data raceway and outlets locations for new area.
- Modify fire alarm devices to be relocated.
- Modify data cable, conduit, outlets and switches.
- Provide new fire sprinkler layout in open office space.

Drawing Index

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C-24138
REN. 03-31-17
STATE OF CALIFORNIA

City of Cupertino
City Hall

I.T. Tenant Improvement Project

Cupertino, California

Addendum No. 2

City of Cupertino
EST. 1952
CUPERTINO
City Hall
10300 Torre Avenue
Cupertino, California 95014

City Hall I.T. Tenant Improvement Project

APN 369-31-033

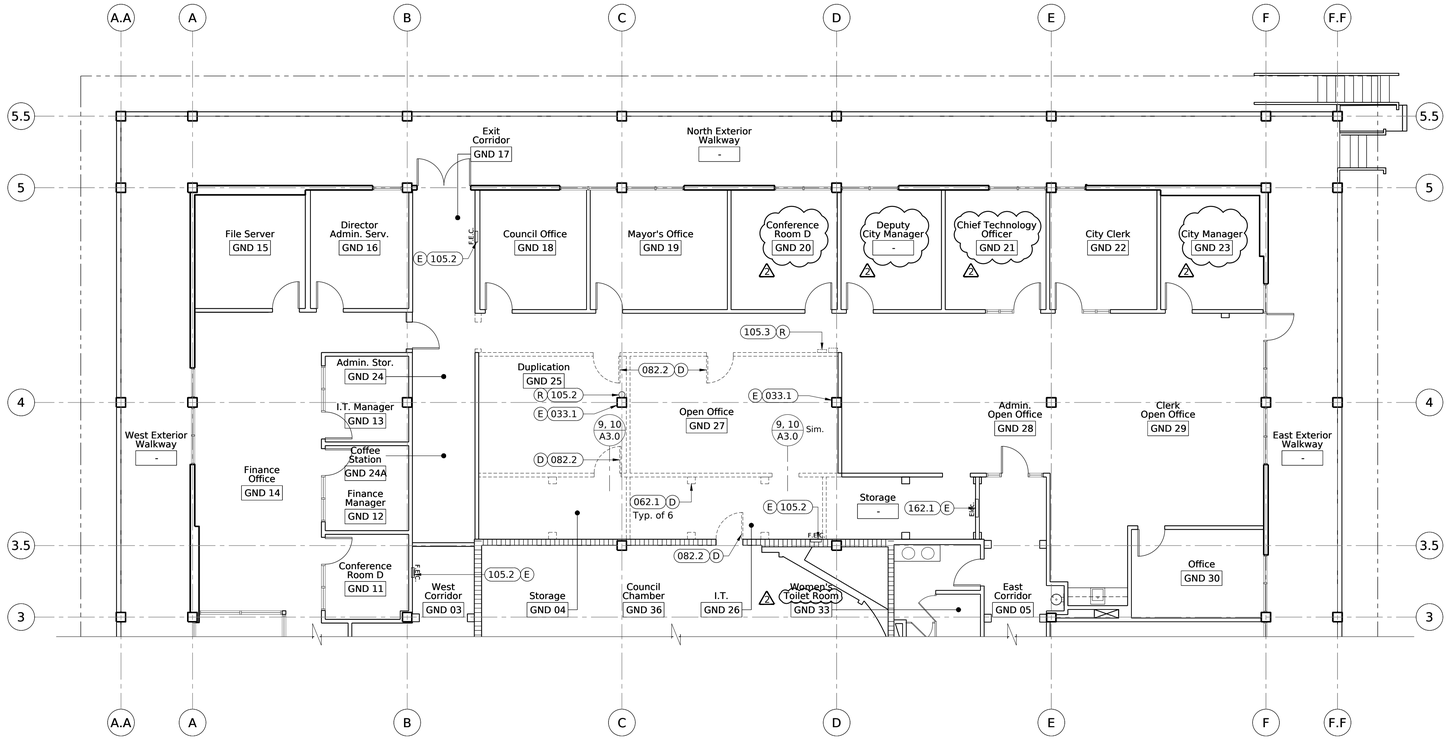
REVISION	DATE
Bid Set	12/15/2016
Addendum 2	1/11/2017

CITY HALL
CIVIC CENTER
LIBRARY

Title Sheet & Drawing Index

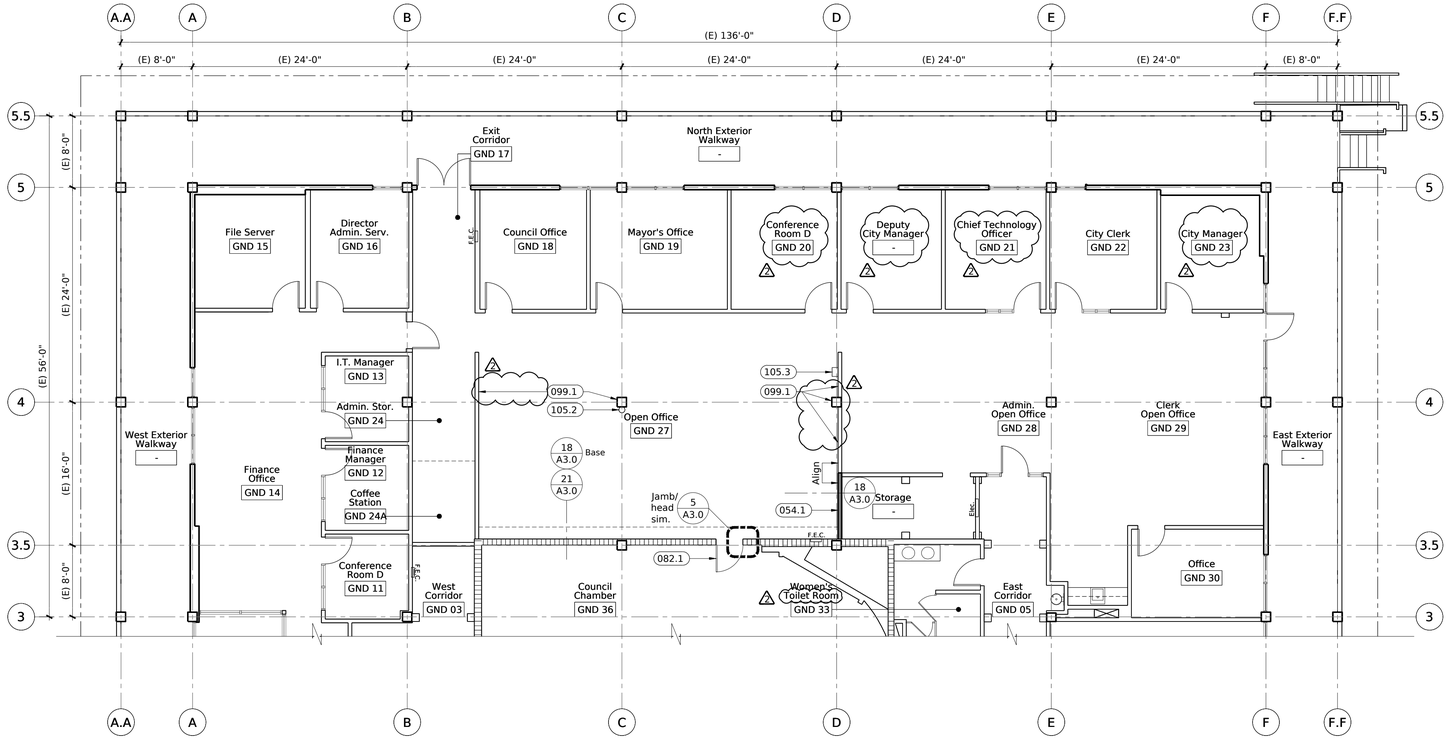
A0.0

BA 16-017



Demolition Plan

2



Floor Plan

1

Sheet Notes

1. Provide dust control as required to isolate work zone from public and staff. Contractor shall provide temporary barriers, barricades and sound attenuation as required to mitigate or minimize dust and noise disruption to building occupants, while maintaining safe internal access during construction. A
2. Coordinate with Architect and client all system shut-downs or alterations. Architect and City shall be given adequate notice for alternate systems to be established. Refer to ~~Specifications~~ Project Manual for notification procedure. A
3. All existing structural systems shall remain intact. Do not drill, nail, or puncture without prior approval from Architect.
4. Except where existing elements are shown solid or notated as "to remain" on this drawing, the scope of demolition work is to remove all non-structural framing, finishes, fixtures, and accessories in the area of work. Specific identification on this drawing of items to be demolished does not exclude from the demolition scope other items not similarly identified. Contractor shall examine existing conditions to identify additional scope not specifically identified here, and bid the work accordingly.
5. Remove all wall finishes to existing substrate/ studs.
6. Patch all existing surfaces and finishes indicated as "to remain" where adjacent demolished structures and finishes were previously attached.
7. Contractor shall coordinate demolition and patching of existing finishes as required for installation of blocking and attachments at new walls, casework, equipment, and accessories. A
8. Refer to ~~Specifications~~ Project Manual for additional requirements.
9. Provide smooth not visible transitions between new and existing surfaces.

Keynotes

123.1 Keynotes are arranged by CSI section. Refer to Specifications for additional information.

(E) Existing, Protect in Place

(D) Demolish and Remove

(R) Remove, Relocate and Reinstall

03 Concrete
033.1 Concrete Column
033.3 Sawcut and Remove Portion of Existing Concrete Slab

05 Metals
054.1 Metal Stud Infill

06 Wood, Plastics, Composites
062.1 Wood columns (non-structural)

08 Openings A
See Interior Elevations - A2.0
082.1 3'-0" x 7'-0" Solid Core Wood Door, fire rated (20 mins.) w/ closer, glazing to be fire rated
082.2 Wood Door with metal door frame

09 Finishes
092.1 Interior Cement Plaster
099.1 Paint

10 Accessories
105.2 Fire extinguisher, 2-A/10-BC, with valid certification tag, provided by City, installed by Contractor
105.3 First Aid Kit (N.I.C.) A

16 Electrical
See to Power Plan - A1.3 A
162.1 Electrical Panel

Legend

Object to be Removed

(E) Wall to Remain

(E) Wall to be Removed A

(N) Walls - A 2x6 Metal Stud Wall w/ 5/8" type X gyp. bd. finish to match adjacent surfaces

(E) Fire Rated Wall - 2x6 Metal Stud Walls w/ 5/8" thk. type 'X' gyp. board on both sides (UL Assembly 305, STC Rating 38)

A Note: The Architect and the Architect's consultants are not "Owner or Operator" as defined under NESHAP, Section 112 of the Clean Air Act and therefore shall have no responsibility for the discovery, presence, handling, removal, transportation, storage or disposal of or exposure of persons to hazardous material in any form at or on the premises, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB's) or other toxic substances.

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Addendum No. 2

City of Cupertino

CUPERTINO EST. 1955

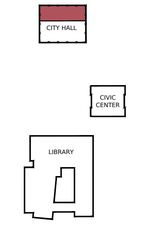
City Hall
10300 Torre Avenue
Cupertino, California 95014

City Hall I.T. Tenant Improvement Project

APN 369-31-033

REVISION	DATE
Bid Set	12/15/2016
Addendum 2	1/11/2017

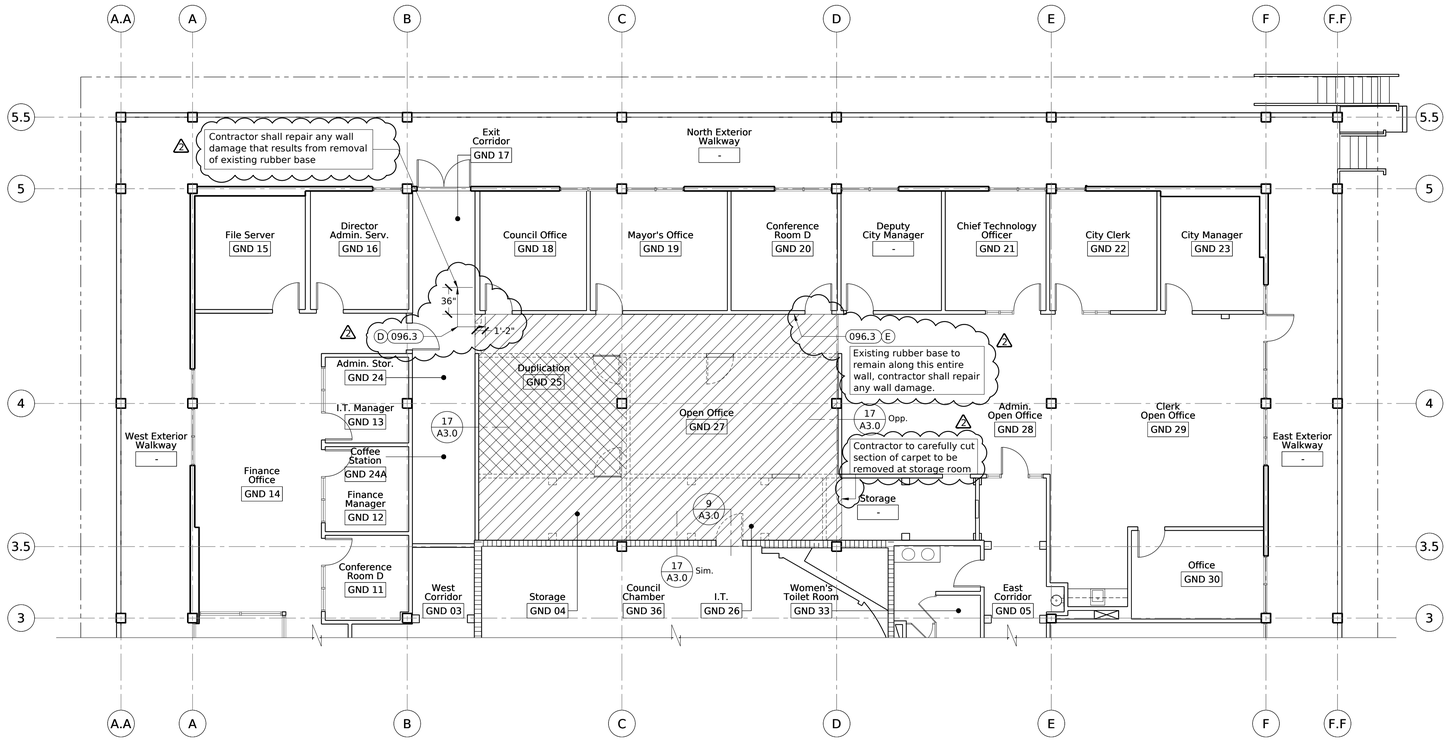
N 4 8 16
1/8"=1'



Demolition Plan & Floor Plan

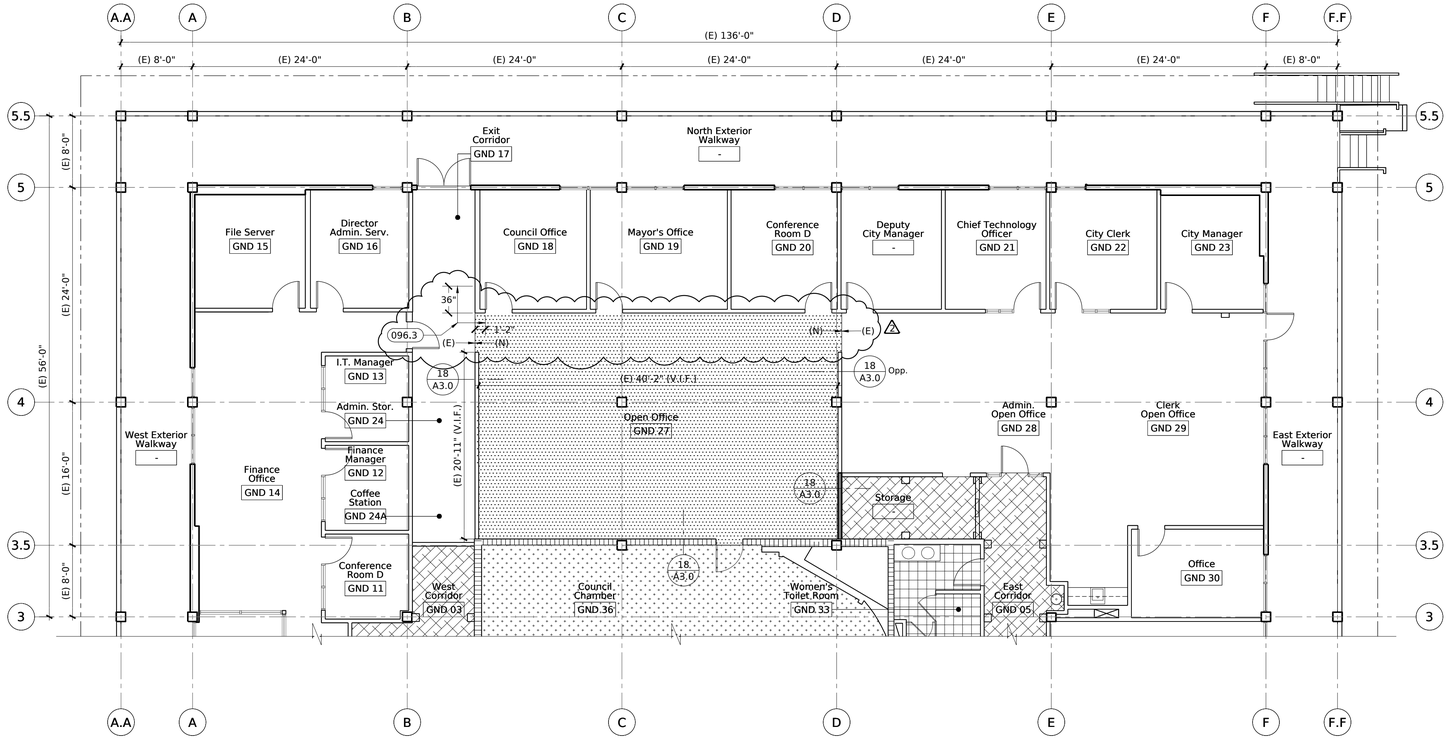
A1.0

BA 16-017



Demolition Finish Plan

2



Finish Plan

1

Sheet Notes

1 Contractor to align new carpet pattern with existing carpet pattern. Provide a seamless transition between existing and new surfaces.

Keynotes

2

123.1	Keynotes are arranged by CSI section. Refer to Specifications for additional information.
E	Existing, Protect in Place
D	Demolish and Remove
R	Remove, Relocate and Reinstall
09	**Finishes**
	See Interior Elevations - A2.0
096.3	Rubber Wall Base

Legend

- Remove existing VCT flooring to existing subfloor. All glue to be removed & subfloor prepared to receive new carpet
- Remove existing carpet to existing subfloor
- New carpet tile to be glued over existing subfloor. (Carpet tile shall Owner furnished, contractor installed) 2
- Existing ceramic tile to remain
- Existing carpet to remain in Council Chamber
- Existing carpet to remain in Corridors & Storage Rooms
- Existing carpet to remain in Offices & Open Spaces

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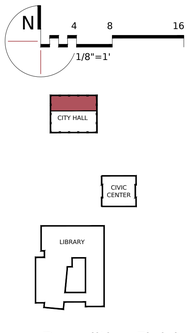
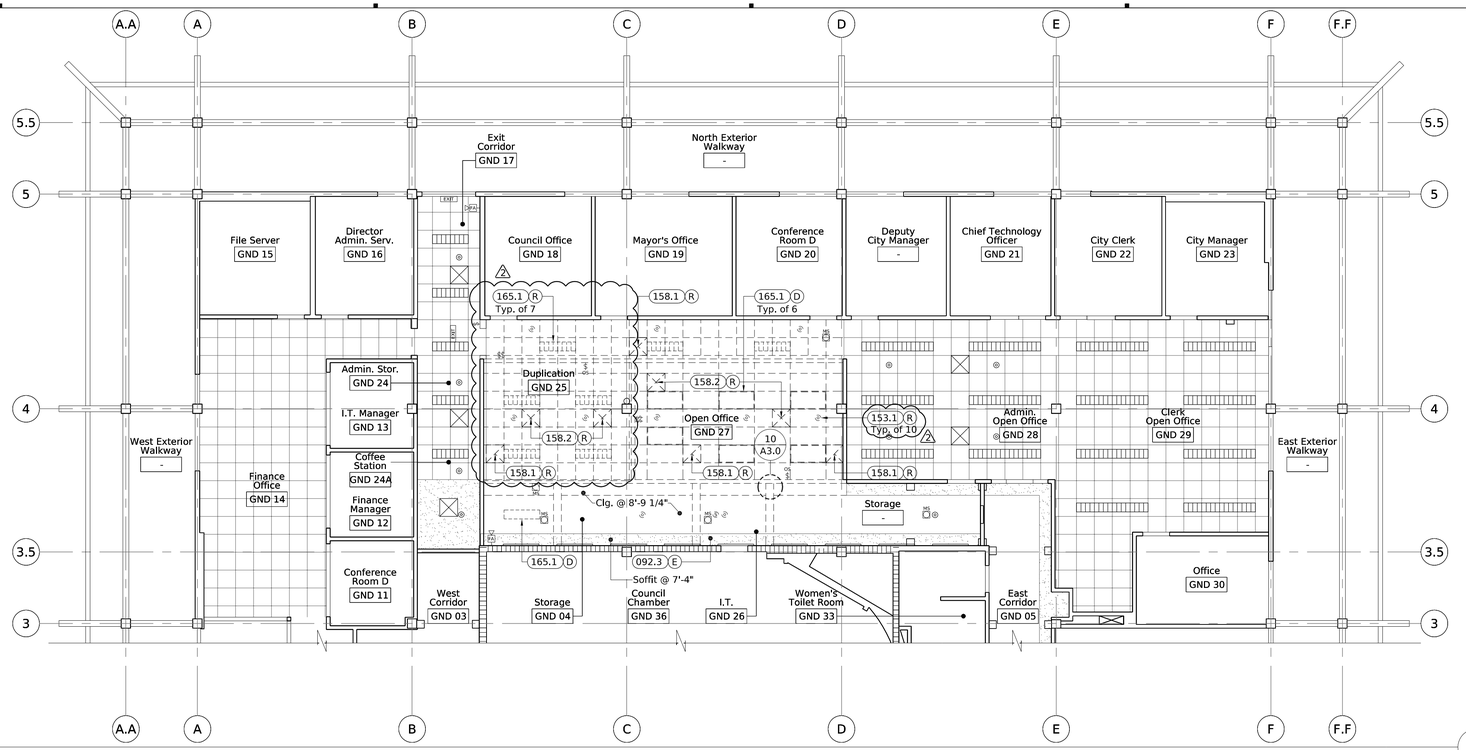
N 4 8 16
1/8"=1'



Demolition Finish & Finish Plan

A1.1

BA 16-017

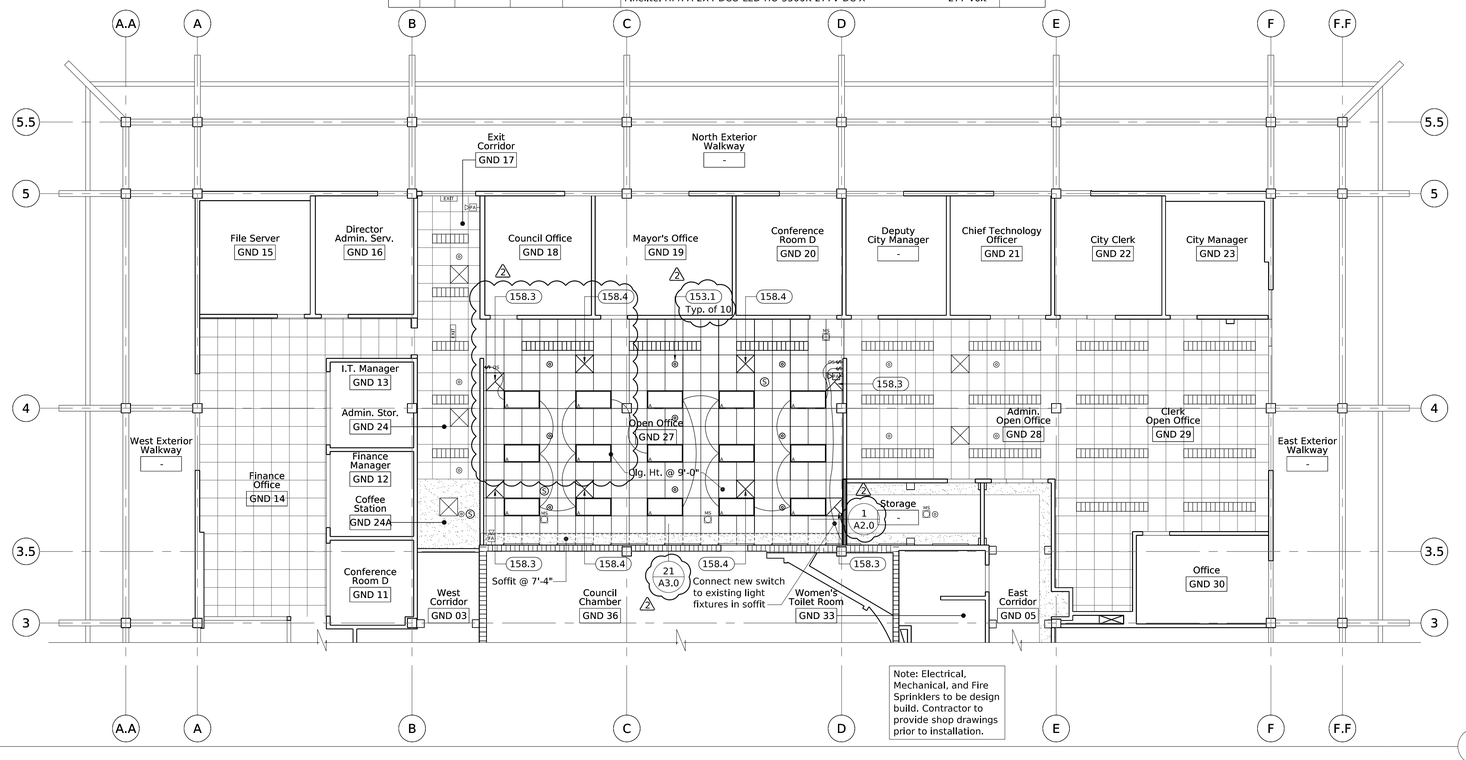


Demolition Ceiling Plan

2

Fixture Schedule

TYPE	LAMP	LAMP QUANTITY	BALLAST/ DRIVER	MOUNTING	DESCRIPTION	WEIGHT
A	L.E.D.	N/A	0-10v Dimming driver	Recessed Mounting	2'x4' LED, recessed mounted fixture. Fixture shall be constructed with a 4" deep housing die formed of 20-gauge cold rolled steel. Lens shall be .120" thick acrylic lens. Driver shall be high performance constant current reduction (CCR). Power factor shall be >0.9. Total harmonic distortion (THD) shall be <20%. Finish shall be painted with 96 LG high reflectance matte white powder. Finelite: HPR-A-2X4-DCO-LED-HO-3500K-277V-DC-X 277 Volt	33 lbs.



Note: Electrical, Mechanical, and Fire Sprinklers to be design build. Contractor to provide shop drawings prior to installation.

Ceiling Plan

1

Sheet Notes

1. Provide dust control as required to isolate work zone from public and staff.
2. Coordinate with Architect and client all system shut-downs or alterations. Architect and ~~District~~ City shall be given adequate notice for alternate systems to be established. Refer to ~~Specifications~~ Project Manual for notification procedure. (2)
3. All existing structural systems shall remain intact. Do not drill, nail, or puncture without prior approval from Architect.
4. Except where existing elements are shown solid or notated as "to remain" on this drawing, the scope of demolition work is to remove all non-structural framing, finishes, fixtures, and accessories in the area of work. Specific identification on this drawing of items to be demolished does not exclude from the demolition scope other items not similarly identified. Contractor shall examine existing conditions to identify additional scope not specifically identified here, and bid the work accordingly.
5. Patch all existing surfaces and finishes indicated as "to remain" where adjacent demolished structures and finishes were previously attached.
6. Contractor shall coordinate demolition and patching of existing finishes as required for installation of blocking and attachments at new walls, casework, equipment, and accessories. Refer Architectural Details.
7. Refer to Specifications for additional requirements.
8. Ceiling Grid shall match plan, Contractor to coordinate with all trades.
9. Provide blocking for new plaster application at all eave penetrations where new lighting to be installed.
10. Provide smooth transitions between new and existing surfaces.
11. All light fixtures, exit signs, access panels, mechanical air grilles, security cameras, smoke/ heat detectors, fire alarm devices, horns & strobes, etc. to be integrated into design concept by being aligned & centered with an orderly layout consistent with the design intent as shown on these drawings.
12. Contractor shall be responsible for disposal of demolition light fixtures. Remove associated wiring and conduits to last active device u.o.n. See specifications for additional requirements.
13. Disconnect and remove existing lighting fixtures, occupancy sensors, power packs and switches within this room. Remove all associated wiring back to source & disconnect & dispose accordingly. Remove all conduits & j-boxes associated with the noted system(s), u.o.n. See new lighting floor plan for requirements. See specifications for disposal and handling of demolished fixtures.
14. For all areas with new walls & ceilings all conduit shall be concealed in the walls & ceilings, u.o.n. See Arch. plans for new walls & ceiling location.
15. All new lighting fixtures require support to structure. Contractor shall remove ceiling as required to install new supports. Patch ceiling to match existing. See mounting details for requirements.
16. Provide new light switches in rooms as shown. Light switches shall be installed on flush mounted switch box. Install light switches at 48" a.f.f. to top of the switch box.
17. All lighting wiring used in all rooms to be #10 AWG CU.
18. Lighting fixtures to match existing.

Keynotes

(123.1) Keynotes are arranged by CSI section. Refer Specifications for additional information.
(E) Existing, Protect in Place
(D) Demolish and Remove
(R) Remove, Relocate and Reinstall

09 Finishes - See Interior Elevations - A2.0 (1)
092.1 5/8" thick gypsum board (5/8" type X where occurs)
092.3 Gypsum board over 2x metal stud soffit
099.1 Paint

15 Mechanical Plumbing
153.1 Fire Sprinkler
158.1 HVAC Return Register
158.2 HVAC Supply Register
158.3 Relocated HVAC Return Register
158.4 Relocated HVAC Supply Register

16 Electrical
165.1 Lighting Fixture

Legend

- Ceiling Mounted Return Register
- Ceiling Mounted Supply Register
- 12"x48" Recessed flourescent light fixture w/ parabolic light diffuser
- 24"x48" Recessed LED light fixture
- Fire Sprinkler
- Smoke/ Heat Detector
- Light Switch
- OS Occupancy Sensor
- MS Motion Sensor
- FA Fire Alarm
- EXIT Illuminated Exit Sign
- Existing gypsum board ceiling
- Existing Suspended Acoustical Ceiling Tile
- Remove 24"x48" Suspended Ceiling w/ ceiling module w/ illusion two 24" panel
- Remove 24"x48" Suspended Ceiling Tile & Grid - See details on sheet A3.0
- New 24"x48" Suspended Ceiling w/ ceiling module w/ illusion two 24" panel to be installed

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10300 Torre Avenue
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City Hall I.T. Tenant Improvement Project

APN 369-31-033

REVISION	DATE
Bid Set	12/15/2016
Addendum 2	1/11/2017

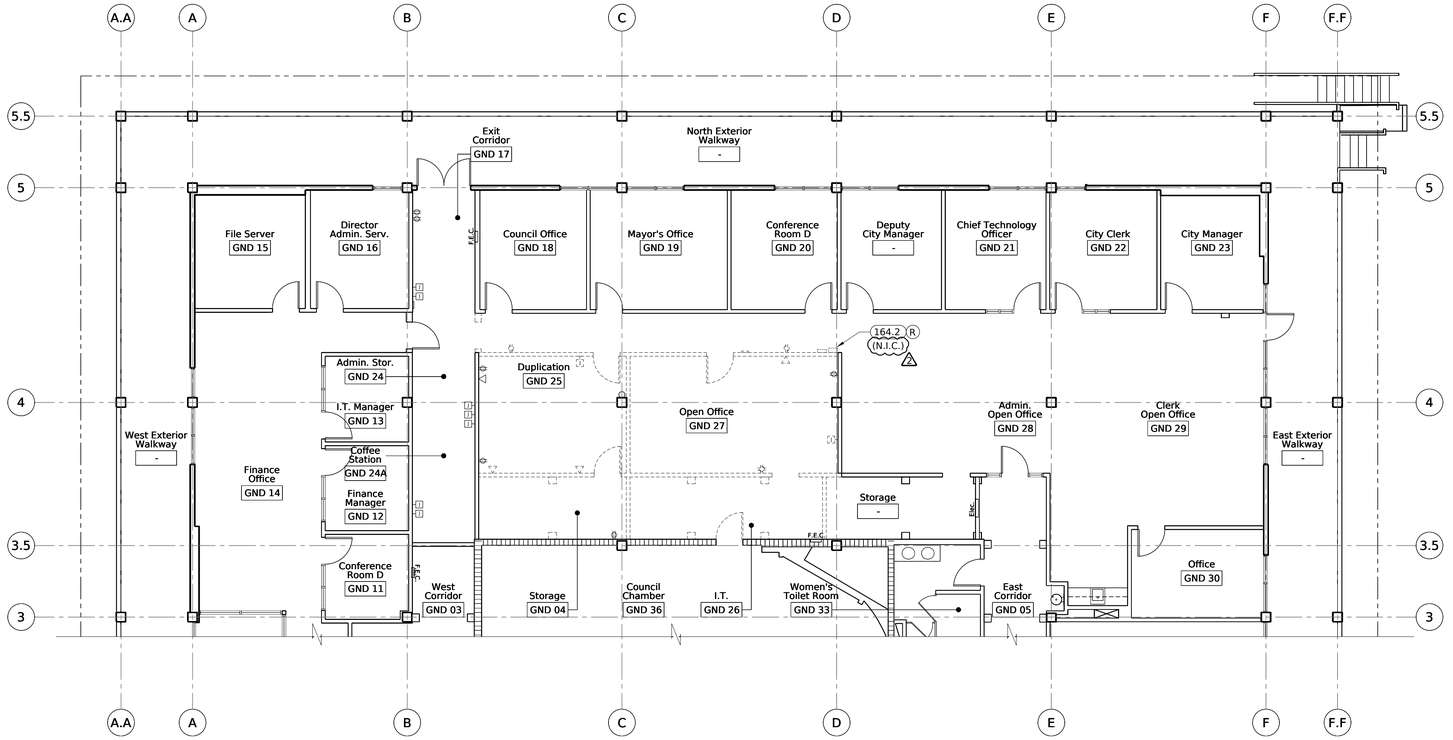
N 4 8 16
1/8"=1'

CITY HALL
CIVIC CENTER
LIBRARY

Demolition Ceiling & Ceiling Plan

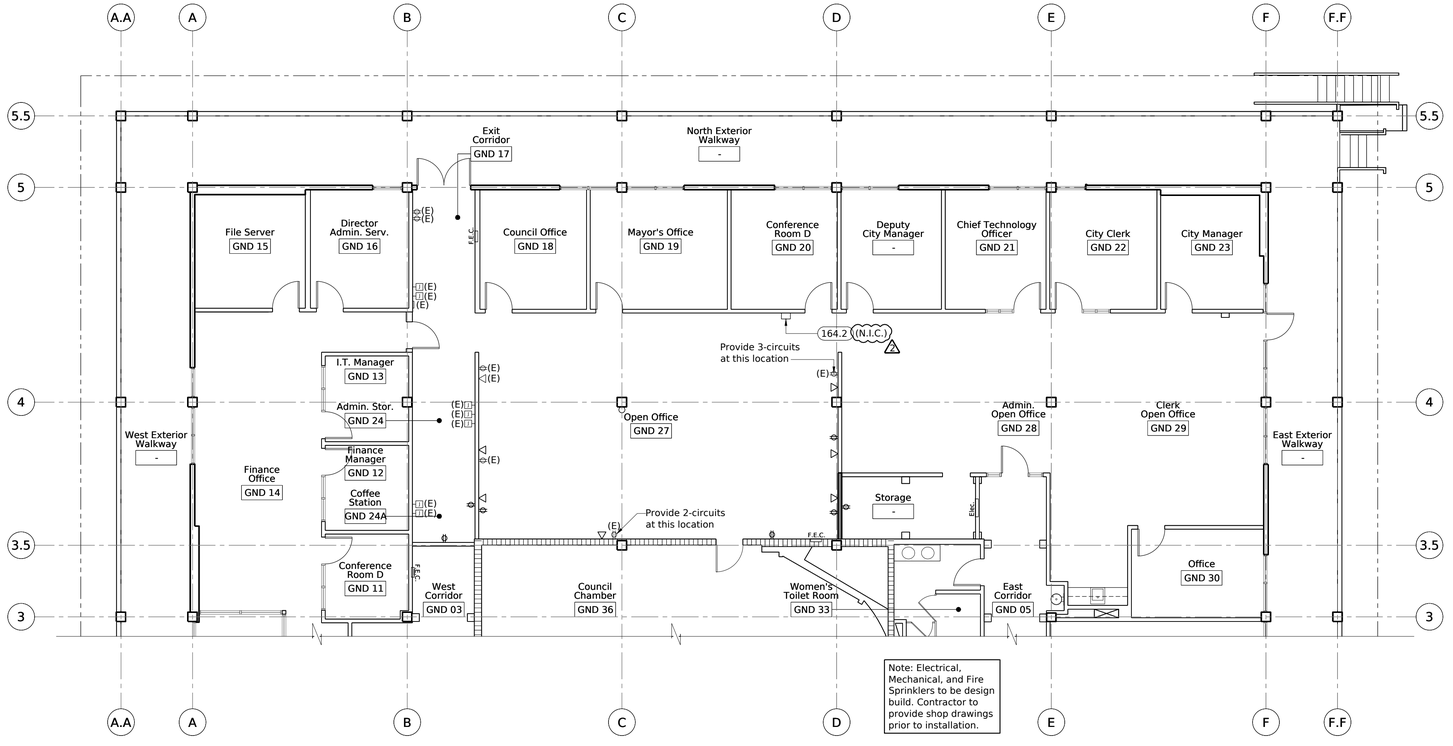
A1.2

BA 16-017



Demolition Power

2



Power Plan

1

Sheet Notes

1. Contractor is responsible for determining as-built conditions of all electrical and mechanical controls and wiring that pass through this building or are a part of this building. This includes homeruns of systems to the MDF rooms, IDf rooms, head end controls locations or other classrooms. This must be performed prior to demolition. This requirement is to determine if there are any systems downstream, to identify conduit pathways to be utilized and to ensure proper safe off of all systems will be impacted by the demolition of components of this project. Once demolition begins, if any system is impacted or if conduit is needed that is not previously identified, it will be the contractor's responsibility to provide a solution at their expense.
2. All materials provided to the project shall be new. The contractor shall be responsible to provide and install all incidental materials required for a complete installation.
3. The contractor shall provide to the architect a construction schedule of electrical work. The construction schedule shall identify all significant milestones with completion dates.
4. The contractor shall provide all required "cutting, patching, excavation, backfill and repairs" necessary to restore damaged surfaces to equal or better than original conditions existing at start of work. The contractor shall contact "underground services alert" for location of existing utilities prior to commencement of underground work.
5. Manufacturer's recommendations for conductor sizing, circuit breaker or fuse protection of electrically operated equipment may differ from those indicated on drawings. Contractor shall confirm ratings prior to ordering equipment. Provide electrical protection to equipment in accordance to manufacturer's specifications and per national electrical code requirements.
6. Contractor shall review equipment requirements of other trades and provide power circuits and connections to electrically operated equipment.
7. Provide seismic bracing for all pendant light fixtures, freestanding electrical distribution equipment, motor control centers etc; and conduit racks per seismic criteria 2013 CBC requirements including engineered load calculations complete with sway bracing criteria.
8. Do not substitute specified material or equipment without first obtaining approval from the owner or his representative.
9. Contractor to ensure that all existing systems remain operational to all portions of the site during construction. Contractor to provide adequate notice to Architect and client to establish alternate systems in case of system stoppage.
10. All utility telephone and catv lines shall be disconnected by the utility company prior to the start of demolition. Contractor shall coordinate the removal of telephones and catv services with the utility company.
11. Demolish existing catv, data, and telephone outlets. Contractor shall field verify exact location and quantity. Remove all associated wiring back to source. Remove all conduits and j-boxes associated with the noted system(s).
12. Demolish existing power outlets and surface mounted raceway. Contractor shall field verify exact location and quantity. Provide junction boxes w/ cover plates (to match size and color of switchplates) where outlets have been removed. Contractor to use these locations as pull boxes to supply power to new outlets.
13. Demolish all security panels, security motion sensors and security keypads. Contractor shall field verify exact location and quantity. Remove all associated wiring back to source. Remove all conduits and j-boxes associated with the noted system(s). The removal of the security panels shall be coordinated with the alarm monitoring company and district security representative.
14. Demolish all exposed conduits, pullcans, terminal cans, junction boxes and associated wiring, uon. Contractor shall field verify exact locations and quantities to be demolished. Coordinate all demolition with other trades.
15. All existing electrical and low voltage equipment shall be demolished. Coordinate demolition with all other trades.
16. Electrical contractor shall provide safe off of all electrical and low voltage equipment prior to the start of demolition.
17. All conduit shall be concealed in the walls and ceilings, U.O.N.
18. Coordinate the connection of all mechanical equipment with mechinal drawings and contractor.
19. Route all low voltage cables on j-hooks for accessible ceiling and t-bar ceilings. For non-accessible and hard lid installations provide conduit.
20. All low voltage cables routed on j-hooks in ceiling space shall be plenum rated.
21. Verify and coordinate exact height of devices with architectural interior elevations.
22. Patch and paint any walls that have been affected by the removal of any electrical devices. Match surface to (E) surrounding area.

Keynotes

(123.1) Keynotes are arranged by CSI section. Refer Specifications for additional information.

(E) Existing, Protect in Place

(D) Demolish and Remove

(R) Remove, Relocate and Reinstall

16 Electrical

164.2 Surface mounted Automated External Defibrillator (AED) provide power to new location. Work to be performed outside normal business hours. (N.I.C.) 2

Legend

- Junction Box/ Pull Box
- Duplex Outlet
- Quad Plex Outlet
- Card Reader Mounted on wall
- Data

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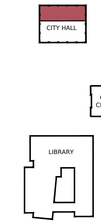
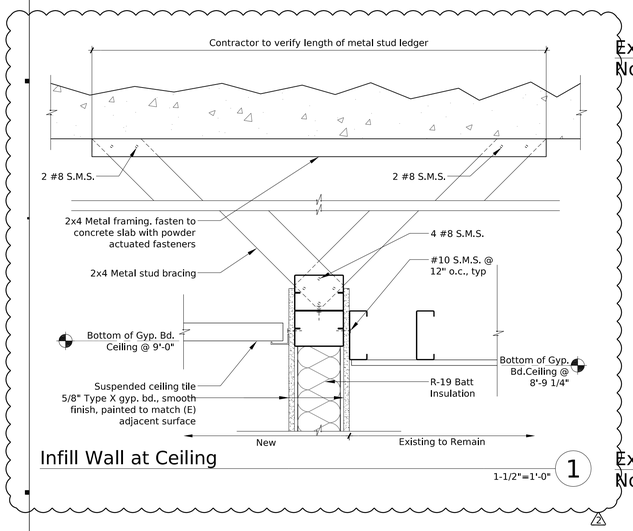
N 4 8 16
1/8"=1'



Demolition Power & Power Plan

A1.3

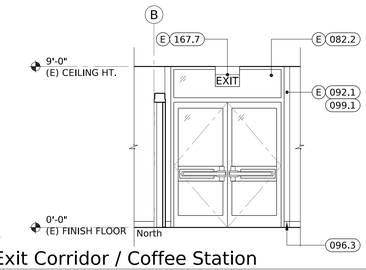
BA 16-017

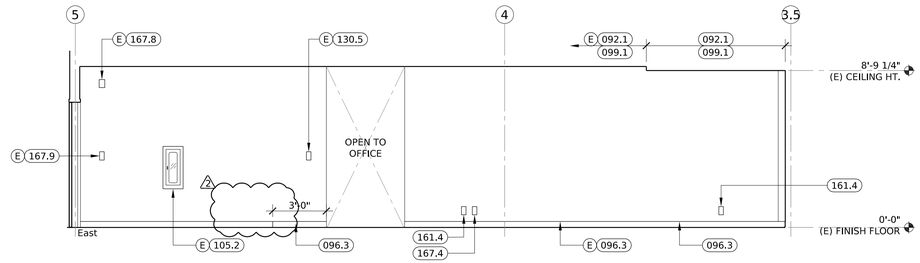


Infill Wall at Ceiling

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

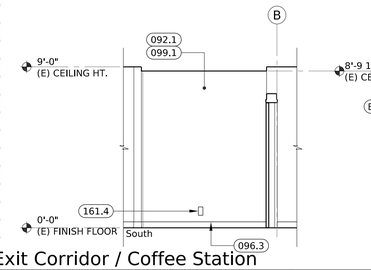
1

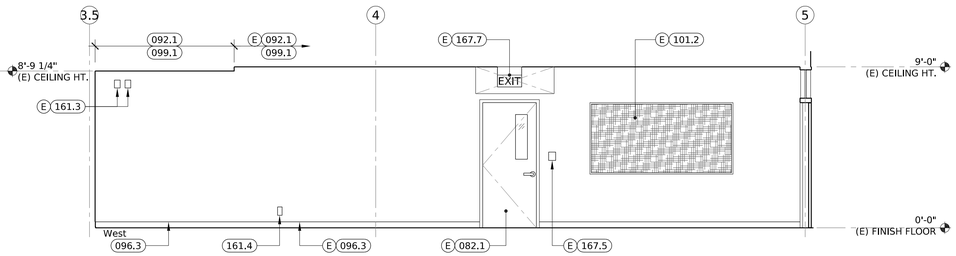




Exit Corridor / Coffee Station
Not In Scope

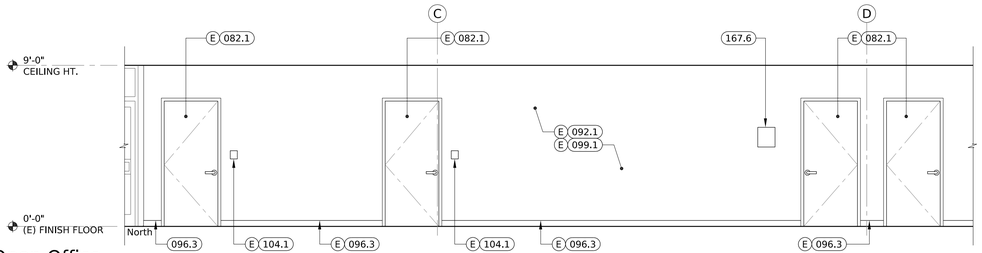
GND 17
GND 24
GND 24A



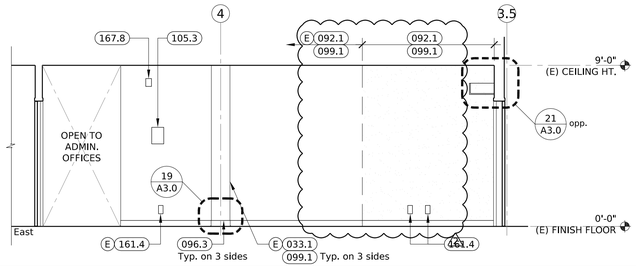


Exit Corridor / Coffee Station
Not In Scope

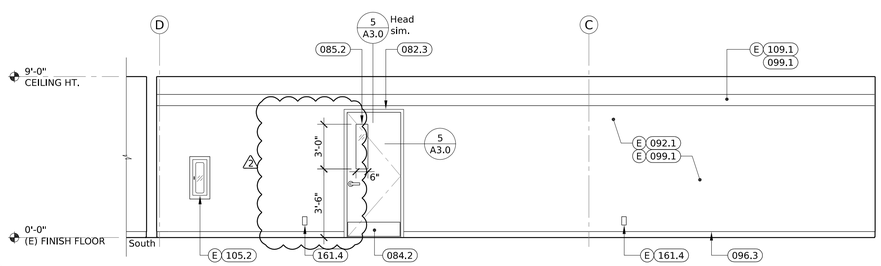
GND 17
GND 24
GND 24A



Open Office



GND 27



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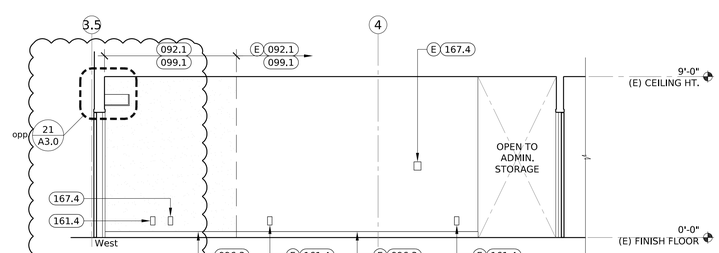

GND 27

Keynotes

123.1 Keynotes are arranged by CSI section. Refer Specifications for additional information.

(E) Existing, Protect in Place

(D) Demolish and Remove

03 Concrete
033.1 Concrete Column

08 Openings
082.1 Wood Door, H M Frame
082.2 H M Frame & H M Door
082.3 Solid Core Wood Door, H M frame 20min.-fire rated w/closer
082.4 Metal kickplate
085.2 Fire rated glazing inset in wood dr. in metal frame

09 Finishes
092.1 Gypsum Board (5/8" Type X) where occurs
096.3 Rubber Wall Base
099.1 Paint

10 Specialties
101.2 Tack panel
104.1 Signage
105.2 Fire Extinguisher, 2-A/10-BC, with valid certification tag in cabinet where occurs
105.3 Surface mounted First Aid Kit
109.1 Light Trough

16 Electrical
161.3 Cover plate at Junction Box, white
161.4 Power Receptacle, white
161.5 Wall Switch, white
165.1 Light Fixture
167.4 Data Receptacle, white
167.5 Card reader
167.6 Surface mounted Automated External Defibrillator (AED) provide power to location
167.7 Illuminated Exit Sign
167.8 Fire Alarm Strobe
167.9 Fire Alarm Pull

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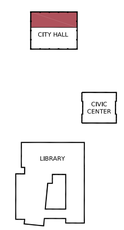
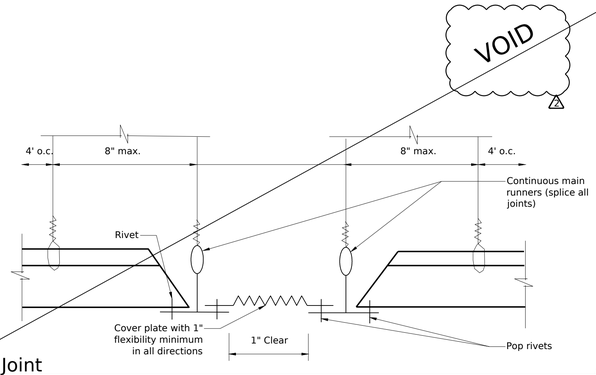
N
2 4 8
1/4"=1'



Interior Elevations

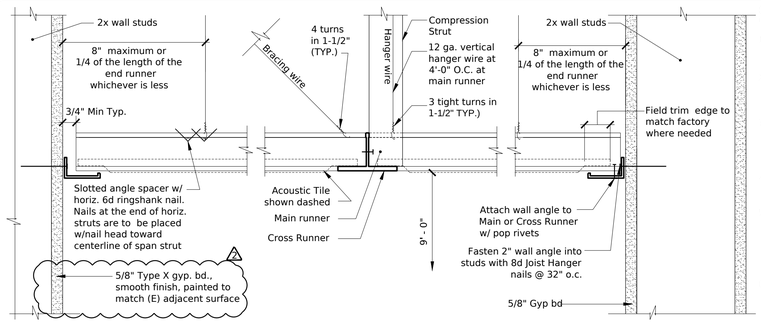
A2.0

BA 16-017



Expansion Joint

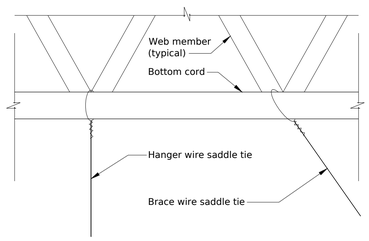
3"=1'-0" 20



Connection to Perimeter Walls

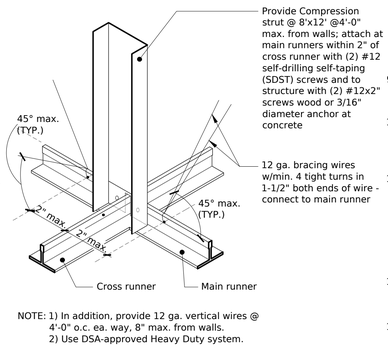
Suspended Acoustical Ceiling Details

3"=1'-0" 12



Connection to Wood Joists

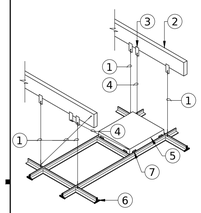
3"=1'-0" 15



NOTE: 1) In addition, provide 12 ga. vertical wires @ 4'-0" o.c. ea. way, 8" max. from walls.
2) Use DSA-approved Heavy Duty system.

Suspension Ceiling Bracing

3"=1'-0" 11



1. Wire to support "T-bar" ceiling grid by others.
2. Roof Purlin
3. Typical 1 1/4" eye screw or caddy flange clamps.
4. One additional #12 GA slack wire at opposite corners of fixture with 4 turns for each #12 in a 1 1/2" distance. (By electrical contractor).
5. Fixture.
6. Ceiling grid system by others.
7. "T-bar" clips.

Fixture mounting general notes:

Attach all fixtures to the ceiling grid runners to resist a horizontal force equal to the weight of the fixture.

Flush or recessed fixture weighing less than 56 lbs. may be supported directly on the runners of a heavy duty grid system but. In addition, the fixtures must have a minimum of 2 #12 gauge slack safety wires attached to the diagonal corners & anchored to the structure above.

All flush or recessed light fixtures weighing 56 lbs. or more must independently supported by no less than 4 taut #12 gauge wires. Each "TAUT" wire shall be attached to the structure regardless of the type of ceiling grid system used.

The 4 taut #12 gauge wires including their attachment to the structure noted above, must be capable of supporting 4 times the weight of the complete unit.

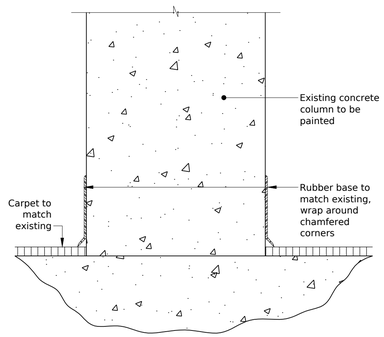
Support surface mounted fixtures by at least two positive devices which surround the ceiling runner & which are each supported from the structure above by a #12 gauge wire, spring clips or clamps that connect only to the runner are not acceptable. Provide additional supports when light fixtures are eight feed (8'-0") or longer.

Support pendant mounted light fixture directly from the structure above with hanger wire(s), or cable passing through each pendant hanger & capable of supporting 4 times the weight of the fixture.

Suspension of Ceiling Fixtures

T-bar Ceiling

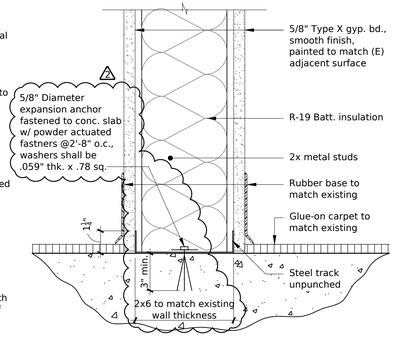
Not To Scale 22



Wall Base

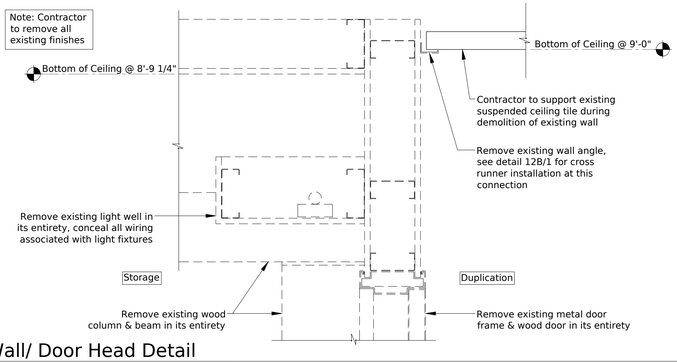
Around Concrete Corners

3"=1'-0" 19



Typical Wall Base

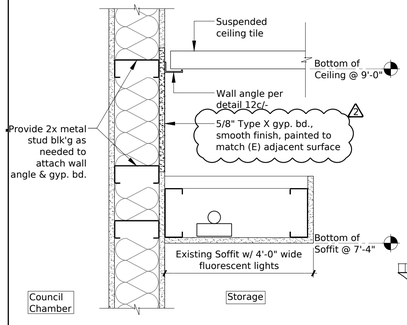
3"=1'-0" 18



Wall/ Door Head Detail

Demolition

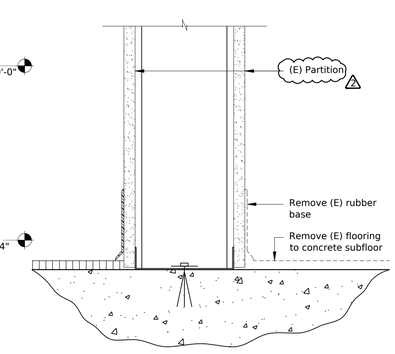
1-1/2"=1'-0" 10



Wall Detail

New

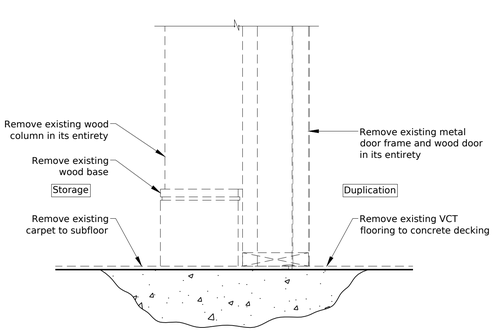
1-1/2"=1'-0" 21



Wall Base

Demolition

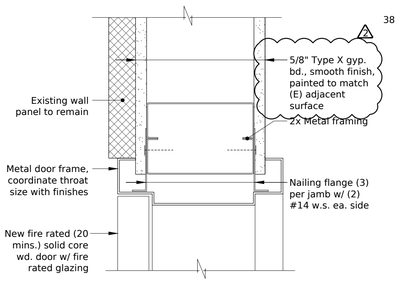
3"=1'-0" 17



Door Threshold

Demolition

1-1/2"=1'-0" 9



Interior Door Head/Jamb Detail

3"=1'-0" 5

Suspended Ceiling Notes

1. The ceiling grid system must be rated heavy duty as defined by ASTM C635.
2. Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
3. Main runners, cross runners, splices, expansion devices, and intersection connectors shall be designed to carry a mean ultimate test load of not less than 180 lbs. in compression and tension per ASTM E580 Section 5.1.2.
4. #12 gage hanger wires may be used for up to and including a 4 foot spacing and shall be attached to main runners.
5. Provide #12 gage hanger wires at the ends of all main and cross runners within eight (8) inches of the support or within one-fourth (1/4) of the length of the end tee, whichever is least, for the perimeter of the ceiling area (see Figure 2). Perimeter wires are not required when the length of the end tee is eight (8) inches or less.
6. Ceiling grid members shall be attached to two (2) adjacent walls per ASTM E580, Section 5.2.3. Ceiling grid members shall be at least 3/4 inch clear of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free, and a minimum of 3/4 inch clear of wall.
7. The width of the perimeter supporting closure angle shall be not less than two inches. Grid systems with specialty or proprietary angles and support clips may be acceptable.
8. At the perimeter of the ceiling area, where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal spreader strut or a #16 gage wire with a positive mechanical connection to the runner may be used and placed within (8) inches of the wall. Where the perpendicular distance from the wall to the first parallel runner is (8) inches or less, this interlock is not required.
9. Expansion joints shall be provided in the ceiling at intersections of corridors and at junctions of corridors and lobbies or other similar areas
10. For ceiling areas exceeding 2,500 square feet, a seismic separation joint shall be provided in accordance with Figure 7, Detail A, to divide the ceiling into areas not exceeding 2,500 square feet. Alternatively, comply with ASTM E580, Section 5.2.9.
11. Penetrations through the ceiling for sprinkler heads and other similar devices that are not integrally tied to the ceiling system in the lateral direction shall have a two (2) inch oversized ring, sleeve or adapter through the ceiling tile to allow free movement of one (1) inch in all horizontal directions. Alternatively, per ASTM E580, Section 5.2.8.5, a flexible sprinkler hose fitting that can accommodate one (1) inch of ceiling movement shall be permitted to be used in lieu of the oversized ring, sleeve, or adapter.
12. Provide lateral force bracing assemblies consisting of a compression strut and four (4) #12 gage splayed bracing wires oriented 90 degrees from each other.
13. Lateral force bracing assemblies shall be spaced per Table 1 for all values of the component importance factor (Ip) of the ceiling.
14. Ceiling grid members shall be attached to two (2) adjacent walls per ASTM E580, Section 5.2.3. Ceiling grid members shall be at least 3/4 inch clear of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free, and a minimum of 3/4 inch clear of wall.
15. LATERAL FORCE BRACE ASSEMBLY SPACING

Design Spectral Acceleration Parameter SDS	Brace Assembly Spacing
Less than or equal to 1.15	12'x12' Full building Height
Greater than 1.15 and less than or equal to 1.73	8'x12' for z/h greater than 0.5 12'x12' for z/h less than or equal to 0.5
Greater than 1.73	8'x8' for z/h greater than 0.5 8'x12' for z/h less than or equal to 0.5

Where, as defined in ASCE 7-10, Section 13.3.1:
z = height in structure of point of attachment of ceiling with respect to the base.
h = average roof height of the structure with respect to the base.

Where different brace spacing is specified at various stories, the respective ceiling plan shall clearly indicate the brace spacing.
There shall be a brace assembly a distance of not more than one half of the above spacing from each surrounding wall, expansion joint and at the edges of any ceiling vertical offset. For example, where the brace spacing is 8'x12', the distance shall be 4 feet in the direction of the 8 foot spacing and 6 feet in the direction of the 12 foot spacing.

16. The slope of bracing wires shall not exceed 45 degrees from the plane of the ceiling and wires shall be taut. Splices in wires are not permitted.
17. Compression struts shall be adequate to resist the vertical component induced by the bracing wires, and shall not be more than one (horizontal) in six (vertical) out of plumb.
18. Fasten hanger wires with not less than three (3) tight turns in three (3) inches. Hanger wire loops shall be tightly wrapped and sharply bent to prevent any vertical movement or rotation of the member within the loops (see ASTM E580, Section 5.2.7.2).
19. Fasten bracing wires with four (4) tight turns. Make all tight turns within a distance of one and one-half (1-1/2) inches.
20. Hanger or bracing wire anchored to the structure should be installed in such a manner that the direction of the anchor aligns as closely as possible with the direction of the wire.
21. Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
22. Hanger wires shall not attach to or bend around interfering material or equipment. Provide trapeze or other supplementary support members at obstructions to typical hanger spacing (see Figure 3A, Detail F). Provide additional hangers, struts or braces as required at all ceiling breaks, soffits, or discontinuous areas.
23. When connection details differ from those in the attached figures, attachment of bracing wires to the structure above and to the main runners shall be adequate for the load imposed. The weight (Wp) shall be taken as not less than four (4) psf for calculating seismic forces (Fp).
24. When drilled-in concrete anchors or power actuated fasteners are used in reinforced concrete for hanger wires, 1 out of 10 wire/anchor assemblies must be field tested for 200 lbs. in tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 wire/anchor assemblies must be field tested for 440 lbs. in tension in the direction of the wire. Power actuated fasteners in concrete are not permitted for bracing wires.
25. Ceiling panels shall not support any light fixtures, air terminals or devices.
26. All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. Screws or approved fasteners are required. A minimum of two attachments are required at each light fixture, per ASTM E580, Section 5.3.1.
27. Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
28. Light fixtures weighing greater than 10 lb. but less than or equal to 56 lbs. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners and anchored to the structure above.
29. Light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) taut #12 gage wires attached to the housing and to the structure above. The four (4) taut #12 gage wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
30. All four foot x four foot light fixtures must have slack safety wires at each corner unless supported per Section 7.2.4.
31. Surface-mounted fixtures shall be attached to the main runner with at least two positive clamping devices made of material with a minimum #14 gage. Rotational spring catches do not comply. A #12 gage suspension wire shall be attached to each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer. Maximum spacing between supports shall not exceed eight (8) feet.
32. Support pendant-mounted light fixtures directly from the structure above with hanger wires or cables passing through each pendant hanger and capable of supporting two (2) times the weight of the fixture.
If the pendant mounted light fixture is directly and independently braced below the ceiling, i.e., aircraft cables to walls, then a brace assembly is not required above the ceiling.
If the pendant mounted light fixture is not directly and independently braced below the ceiling, then a bracing assembly, is required where the pendant hanger penetrates the ceiling. Special details are required to attach the pendant hanger to the bracing assembly to transmit the horizontal force. Exception: Where the weight of the fixture is less than 20 pounds, the compression post shown not required.
33. Rigid conduit shall not be used for attachment of the fixtures.
34. All flexible sprinkler hose fittings, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the component. Screws or approved fasteners are required. A minimum of two attachments are required at each component
35. Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached to the terminal or service to the structure above.
36. Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires attached to the terminal or service to the structure above.
37. Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) taut #12 gage wires attached to the terminal or service and to the structure above. The four (4) taut #12 gage wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
38. All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above. Devices
weighing more than 20 lbs. shall be supported from the structure above.

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City of Cupertino

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Cupertino, California 95014

City Hall I.T. Tenant Improvement Project

APN 369-31-033

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