UNITED STATES VIRGIN ISLANDS SUPERIOR COURT
FEDERAL CONSISTENCY DETERMINATION REQUEST
For
PARTIAL DEMOLITION AND CONSTRUCTION AT THE R.H. AMPHLETT LEADER JUSTICE CENTER

July 4, 2024

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1.0 INTRODUCTION

The U.S. Virgin Islands Superior Court serves an important function in the Virgin Islands' judicial system in pursuit of their aspiration of justice for all. Investing in our judicial system sends a clear positive message to our community on the system's endeavor to minimize the impact of the stacked layers of inequality throughout the Territory. Consequently, it increases confidence that the judicial system will issue fair judgements while providing one mechanism for righting wrongs and overcoming injustice. Today's R.H. Amphlett Leader Justice Center (RHALJC) evolved from three (3) Police Courts of the major cities of Frederiksted, Christiansted and Charlotte Amalie into a present day twenty-first century Court based on a framework that was established a half a century ago.

Figure 1 VI Superior Court R.H. Amphlett Leader Center

The proposed RHALJC of the V.I. Superior Court low environmental impact partial demolition and construction project is located at No. 1 Kingshill Hall of Justice (Property ID 206400020600) on the island of St. Croix at 17° 43′ 30.42″ N and 64° 47′ 01.86″ W.

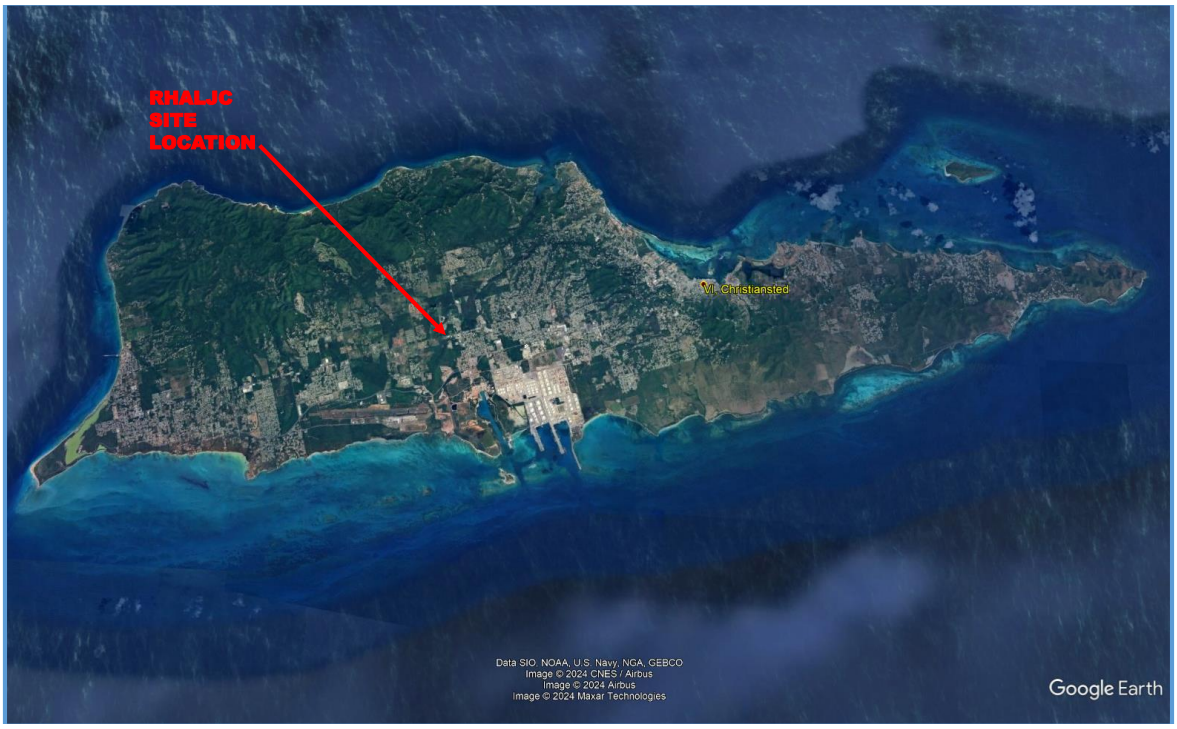

Figure 2 Site Location and Agency Review Map

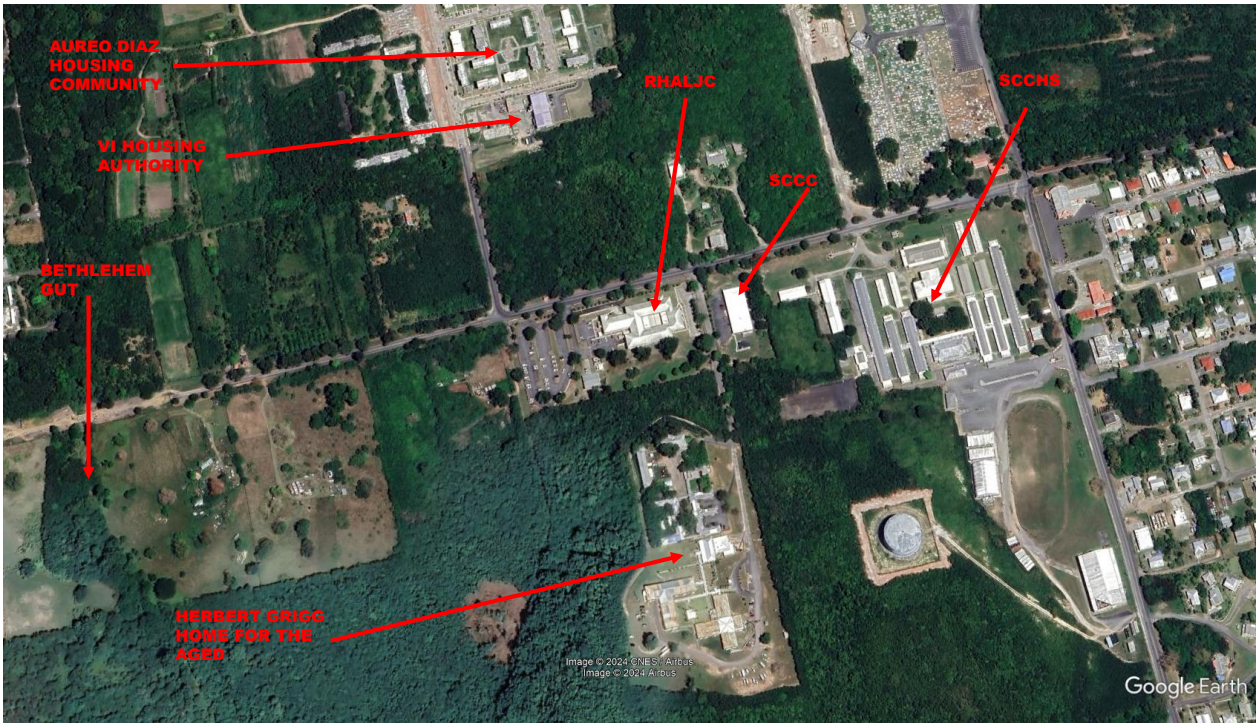

Figure 3 Site Vicinity Diagram

Rectangular in shape, the site is oriented such that the four boundaries are at secondary intercardinal directions (i.e., north-northwest NNW, south-southeast SSE, east-northeast ENE and west-southwest WSW). Zoned public and covering approximately 6.05 acres, the property has been completely developed with an approximately 1.2 acre landscaped area southeast (SE) and south-southeast (SSE) of the justice center building complex. Depicted in Fig. 2 below, the RHALJC includes a two-story series of connected buildings that wraps around a rectangular courtyard with another group of offices that extends outward from the WSW facade.

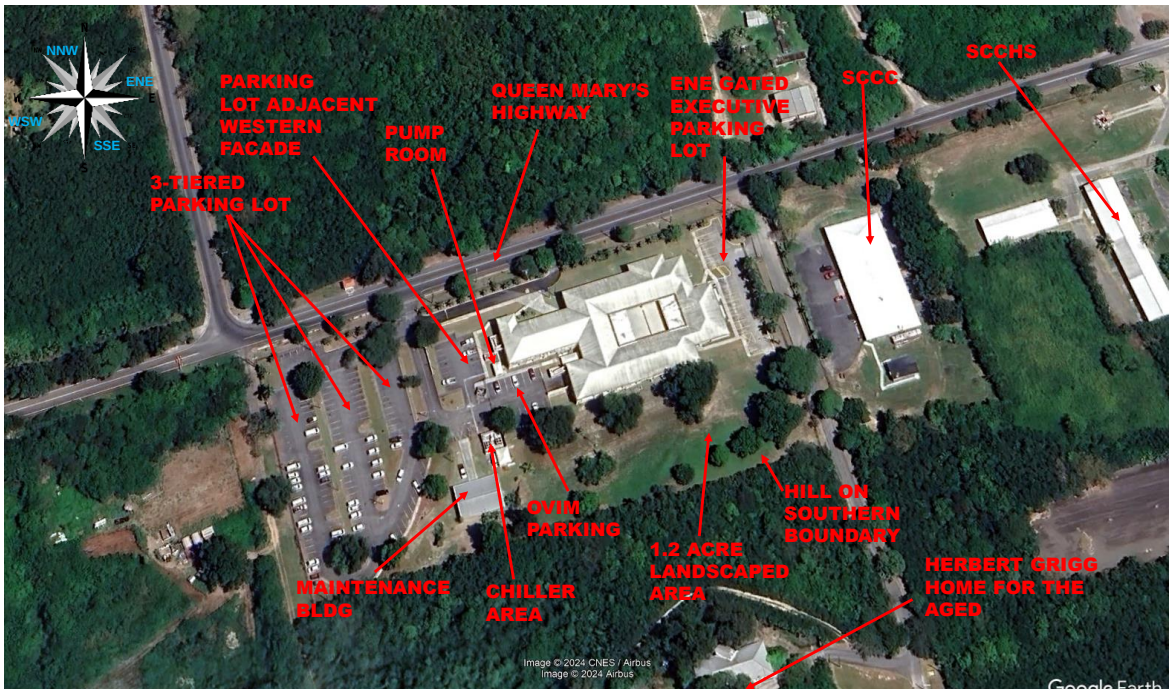

Figure 4 RHALJC Site Diagram

At an approximate elevation of 159 feet on the ENE boundary, the property slopes downward to an approximate elevation of 140 feet toward the WSW boundary. Next to the security station at the main entrance on the first level, there is an elevator, stairway and a series of administrative offices. On the second level, there are the offices of several judges, six courtrooms, two witness rooms, a law library, restrooms and other administrative offices. The most recent building layout is presented in Attachment A. There is a three tiered asphalt paved parking lot WSW of building that covers approximately 2 acres with several large trees around the perimeter and interspersed between the parking area tiers. Two (2) other parking lots are located just ENE of the 3-tiered parking area. One is adjacent to the WSW façade available to the public and employees and the other is the gated Office of Virgin Islands Marshal (OVIM) parking lot to the SSE. Finally, the approximately 0.1-acre executive parking lot used for judges and their secretaries is located on the ENE façade equipped with its own dedicated entrance. The approximately 1.2-acre landscaped area on the SSE perimeter contains approximately ten (10) large trees. A maintenance building sits midway along the

SSE boundary with an enclosed area to the NNW with two (2) chillers. Further NNW of the chillers is a pump room and a small enclosed area where garbage is accumulated prior to offsite disposal. There are two (2) entrances to the RHALJC. Primary access for the general public is through an access road off of the Queen Mary Highway (QMH) that runs along the NNW boundary of the site. This entrance road branches off in 3 directions with direct access straight ahead and to the right to the parking lots described above. The 3-tiered parking lot is WSW of the public entrance road and ENE of that one is another parking area. The entrance roadway that branches off to the left leads to a security barrier for dropping-off only at the main security entrance station (See Fig. 5).

Figure 5 Main Security Station

The second private entrance provides access to the ENE façade of the facility just off of the access road to the St. Croix Curriculum Center (SCCC) and the Herbert Grigg Home for the Aged (HGH). North-northwest of the QMH is approximately 10 acres of woodland. Just NNW of woodland are the Virgin Islands Housing Authority approximately 640-feet away and then the Aureo Diaz Heights housing community approximately 884-feet away. The SCCC is approximately 175-feet to the NNE. The HGH is approximately 195-feet away from the SSE boundary of RHALJC. There are approximately six (6) farms WSW, SW and to the south that cover an estimated 250 acres of land where sheep, goat and cattle are raised.

2.0 PROJECT DESCRIPTION

The VI Superior Court low environmental impact project involves partial demolition of interior offices and of the front edge of the concrete, ceramic tiled foundation of the main security entrance. In addition to demolition activities, the RHALJC contractor will also install a Roof Hugger retrofitted roof system over the existing roof (See Attachment B Roof Retrofit Calculations), cover the courtyard with a barrel vault space frame, translucent corrugated hurricane panels, hurricane impact glass and a louvered system, construct two (2) ADA bathrooms, build out the employee lounge, redesign administrative offices and construct an exterior concrete swale and concrete stairs adjacent to the ESE facade. All of the work described above will occur on the existing RHALJC buildings and the concrete swale and stairs will be constructed adjacent to the SSE facade (See Attachment C Renovation of Superior Court of the VI RHALJC & Attachment D St. Croix Superior Courthouse Concrete Paved Waterway Design for more detail).

The RHALJC team will implement dust, erosion and sediment control measures around areas where demolition activities will take place and also in the limited areas where minor excavation activities will occur. This project will not pose a threat to the environment and will be executed following the environmental planning guidelines provided in the Virgin Islands Environmental Protection Handbook: A Guide to Stormwater Management Standards and Control Measures and will maintain consistency with the Virgin Islands Coastal Zone Management Act. Consequently, demolition or construction activities will be limited to just three specific locations on the site and not occur anywhere else which significantly limits the potential for adverse environmental impacts associated with the RHALJC project.

Project RHALJC objectives are to:

- Implement a financially feasible project that brings social, economic and fiscal benefits to the Government of the Virgin Islands;
- Demolish and redesign interior offices and demolish the front edge of the concrete, ceramic tiled foundation;
- Install a Roof Hugger System over the existing roof and ballistic proof barrier;
- Cover the existing courtyard with a barrel vault space frame and install translucent corrugated panels, hurricane impact glass and a louvered system;
- Construct two ADA bathrooms, an A/C condenser building, concrete paved waterway (swale) and concrete stairs;
- Build out an employee lounge;
- Implement onsite erosion, sediment and stormwater management controls such that there is no impact on the Bethlehem Gut or that could cause degradation of the quality of any potential receiving water;

- Create employment opportunities;
- Conduct work in accordance with all applicable National and Local codes and conventional guidelines (See Attachment E MEP Drawings);
- Erect and maintain dustproof partitions;
- Implement environmentally protective and wildlife conservation practices;
- Contact the Division of Historic Preservation if any historical and/or cultural resources are discovered;
- Comply with Title 12, Chapter 7, Subchapter 186, Water Quality Standards for Waters of the Virgin Islands, applicable water courses and Class "C" waters; and
- Maintain consistency with the V.I. Coastal Zone Management Act.

The VI Superior Court will submit all applicable and relevant permit applications pertaining to demolition and construction activities. Permit applications include, but are not limited to:

- Construction General Permit (with Notice of Intent Form) - DPNR
- Air Pollution Control Construction and Operation Permit- DPNR
- Earth Change - DPNR
- Hazardous Waste Generator and Transporter - DPNR
- Used Oil Management - DPNR
- TPDES Discharge Permit - DPNR
- Demolition Permit – DPNR
- Terminal Facility License Permit-DPNR
- Building Permit - DPNR
- Electrical Permit - DPNR
- Plumbing Permit - DPNR
- Mechanical Permit – DPNR
- Waste Management Permits – WMA

3.0 ENVIRONMENTAL IMPACTS

A targeted assessment was conducted to determine if project activities will impact sensitive environments and/or organisms, if they exist in the project area, and to inform best management practices. Areas considered and covered in the assessment were the potential for disruption of RHALJC North operations, impact on any nearby residents, businesses, archaeological resources, wetlands, critical habitats, refuge lands and fish hatcheries, threatened and endangered species, and migratory birds. The contractor will perform controlled demolition and construction activities that will not generate unacceptable levels of fugitive dust that may become airborne and migrate away from the site. Only very minimal earth disturbance will occur. The footprints of excavation for the ADA bathrooms, the A/C condenser building, concrete swale and concrete stairs are limited to approximately 0.0061 acres (264.2ft^2), 0.0045 acres (179ft^2) and 0.012 acres (525ft^2), respectively. Although this project involves relatively minimal earth disturbance activities, the RHALJC will strategically utilize climate data and information, knowledge of weather patterns and periods of historically lower rainfall and wind velocity to schedule project related earth disturbance and partial demolition operations. Based on a current understanding of the scope of the project, review of a resource species list from the Caribbean Ecological Field Office of the Department of Interior US Fish and Wildlife Service that indicated there are no critical habitats, fisheries, refuge lands, migratory birds or wetlands in the project area and biological survey that did not observe any threatened or endangered species yet acknowledged presence of heritage trees and knowledge of the environs that could potentially be affected by project activities, the RHALJC project will not pose a threat to the environment.

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4.0 CLIMATE/WEATHER [Prevailing Winds]

Derived from the US Department of Agriculture Natural Resources Conservation Service Soil Survey, wind circulation throughout the Lesser Antilles region is dominated by easterly trade winds. The climate is maritime tropical and is characterized by generally fair weather, steady winds, and slight but regular annual, seasonal, and diurnal ranges in temperature. Rain-producing weather systems generally move into the Virgin Islands from the east in the summer and from the northwest in winter. From June through November, these weather systems are in the form of tropical waves that develop in the tropical trade wind belt. Some of these waves develop into tropical depressions, tropical storms, or hurricanes, especially during August and September. From December through May, the weather-producing systems are frontal systems and low-pressure troughs that move in from the northwest. These frontal systems transport cold Canadian air into the Caribbean region.

The Virgin Islands lie within the influence of the "Easterlies" or "Trade Winds" which traverse the southern part of the "Bermuda High" pressure area; thus, the predominant winds are from the east and east-northeast (IRF, 1977). These trade winds wind roses which vary seasonally are presented in Attachment F and broadly divided into the following 4 seasonal modes December to February, March to May, June to August, and September to November.

Below find Tables I and II that present the periods of the mean, maximum and minimum monthly precipitation and monthly temperature data during year 2000 to 2024 from the Henry E. Rohlsen airport meteorological station less than 2 miles away from RHALJC. This information along with other factors is used to guide scheduling of demolition and earth disturbance.

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TABLE 1

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Monthly Total Precipitation for HENRY E. ROHLSEN AIRPORT, VI

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	2.50	1.60	M	0.91	3.46	1.24	2.81	2.07	3.29	7.37	3.42	1.40	M
2001	0.91	1.49	0.48	0.86	11.38	0.10	1.90	2.97	1.64	5.85	6.56	7.86	42.00
2002	1.33	1.65	2.38	2.13	0.39	0.79	1.09	2.41	3.12	1.10	3.05	2.17	21.61
2003	2.75	2.37	0.29	8.53	0.37	0.49	4.77	4.15	3.48	7.08	18.03	3.82	56.13
2004	1.59	1.11	1.81	0.31	8.09	0.78	2.34	1.82	8.67	4.59	6.08	1.68	38.87
2005	5.26	0.11	0.39	M	M	1.88	6.03	1.35	6.29	M	2.83	2.85	M
2006	2.87	0.64	0.76	0.85	2.24	1.19	4.76	3.43	M	10.12	3.74	1.52	M
2007	0.81	0.98	0.97	3.64	0.89	3.04	3.10	2.40	3.68	M	2.10	1.90	M
2008	1.89	1.45	1.36	2.12	0.59	0.99	2.25	5.76	7.42	9.09	1.92	0.75	35.59
2009	0.60	0.82	1.02	1.59	M	1.61	0.95	1.51	3.05	2.57	4.72	2.18	M
2010	1.77	0.32	1.36	1.43	5.97	7.03	4.72	3.39	3.75	9.06	10.71	0.37	49.88
2011	0.49	0.72	1.80	2.34	8.05	7.31	6.57	6.81	2.08	3.06	5.43	3.06	47.72
2012	3.03	1.59	3.81	1.69	3.69	0.26	1.90	2.27	3.74	2.64	2.79	2.18	29.59
2013	1.05	0.61	2.49	1.00	5.34	4.90	1.70	4.63	5.43	4.72	5.76	6.64	44.27
2014	1.13	1.03	1.77	3.71	5.52	0.47	0.90	6.08	2.71	2.30	8.65	5.56	39.83
2015	1.22	1.74	0.76	0.59	1.05	0.56	0.77	3.00	1.27	2.90	6.30	2.38	22.54
2016	0.50	1.47	2.39	3.22	3.21	0.86	3.54	2.87	4.18	1.39	7.30	4.29	35.22
2017	0.93	0.81	6.40	7.69	2.05	2.51	1.08	5.10	M	M	M	4.46	M
2018	M	1.98	1.04	0.62	1.45	2.35	1.26	2.21	4.03	1.95	5.45	1.99	M
2019	M	0.39	0.02	0.49	6.28	0.49	4.67	3.73	2.72	1.12	2.63	1.78	M
2020	2.91	0.92	3.76	0.61	0.56	2.16	2.65	3.96	4.24	M	3.34	2.06	M
2021	1.86	0.88	0.55	1.35	1.47	1.73	2.21	3.27	1.53	4.43	1.00	1.18	21.46
2022	2.22	4.86	1.18	0.57	0.35	0.73	4.15	2.15	11.80	2.80	6.47	0.60	37.88
2023	1.85	0.82	0.29	1.82	0.34	2.25	1.27	2.35	0.76	M	M	M	M
2024	M	4.94	0.68	M	M	M	M	M	M	M	M	M	M
Mean	1.79	1.41	1.57	2.09	3.31	1.91	2.81	3.32	4.04	4.43	5.38	2.73	37.33
Max	5.26 2005	4.94 2024	6.40 2017	8.53 2003	11.38 2001	7.31 2011	6.57 2011	6.81 2011	11.80 2022	10.12 2006	18.03 2003	7.86 2001	56.13 2003
Min	0.49 2011	0.11 2005	0.02 2019	0.31 2004	0.34 2023	0.10 2001	0.77 2015	1.35 2005	0.76 2023	1.10 2002	1.00 2021	0.37 2010	21.46 2021

TABLE 2

Monthly Highest Max Temperature for HENRY E. ROHLSEN AIRPORT, VI

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	86	86	86	90	88	90	91	90	91	88	87	86	91
2001	85	86	86	87	86	90	91	90	91	91	88	87	91
2002	86	85	87	86	88	90	90	92	92	91	89	89	92
2003	86	88	88	88	88	91	90	91	91	89	89	86	91
2004	84	85	86	88	88	89	90	92	90	90	89	86	92
2005	85	93	88	88	89	91	90	91	91	90	90	87	93
2006	85	86	86	88	89	91	91	90	90	90	87	88	91
2007	86	87	86	88	91	91	93	92	92	88	88	88	93
2008	87	85	85	86	88	91	91	91	88	90	87	86	91
2009	85	86	85	88	88	89	92	93	91	91	89	88	93
2010	86	87	89	89	89	92	92	92	90	88	87	84	92
2011	86	87	86	87	88	91	90	90	90	89	87	85	91
2012	84	86	86	88	87	89	91	93	92	90	90	88	93
2013	87	86	86	88	87	90	91	92	91	91	90	89	92
2014	87	87	88	89	89	93	93	91	92	92	90	87	93
2015	87	87	87	90	90	92	93	93	92	93	91	88	93
2016	88	88	89	90	89	91	93	94	93	91	89	88	94
2017	87	87	88	86	90	91	93	94	90	90	87	88	94
2018	85	87	86	89	89	91	92	93	92	92	91	89	93
2019	87	89	87	89	88	91	93	90	92	92	91	89	93
2020	87	88	87	91	92	94	94	95	94	92	90	88	95
2021	87	87	88	89	90	91	92	91	94	91	90	91	94
2022	88	86	87	88	90	92	91	94	95	91	90	88	95
2023	87	87	87	88	90	92	92	96	97	94	92	90	97
2024	90	89	89	90	91	90	M	M	M	M	M	M	91
Mean	86	87	87	88	89	91	92	92	92	91	89	88	93
Max	90 2024	93 2005	89 2024	91 2020	92 2020	94 2020	94 2020	96 2023	97 2023	94 2023	92 2023	91 2021	97 2023
Min	84 2012	85 2008	85 2009	86 2017	86 2001	89 2012	90 2011	90 2019	88 2008	88 2010	87 2017	84 2010	91 2024

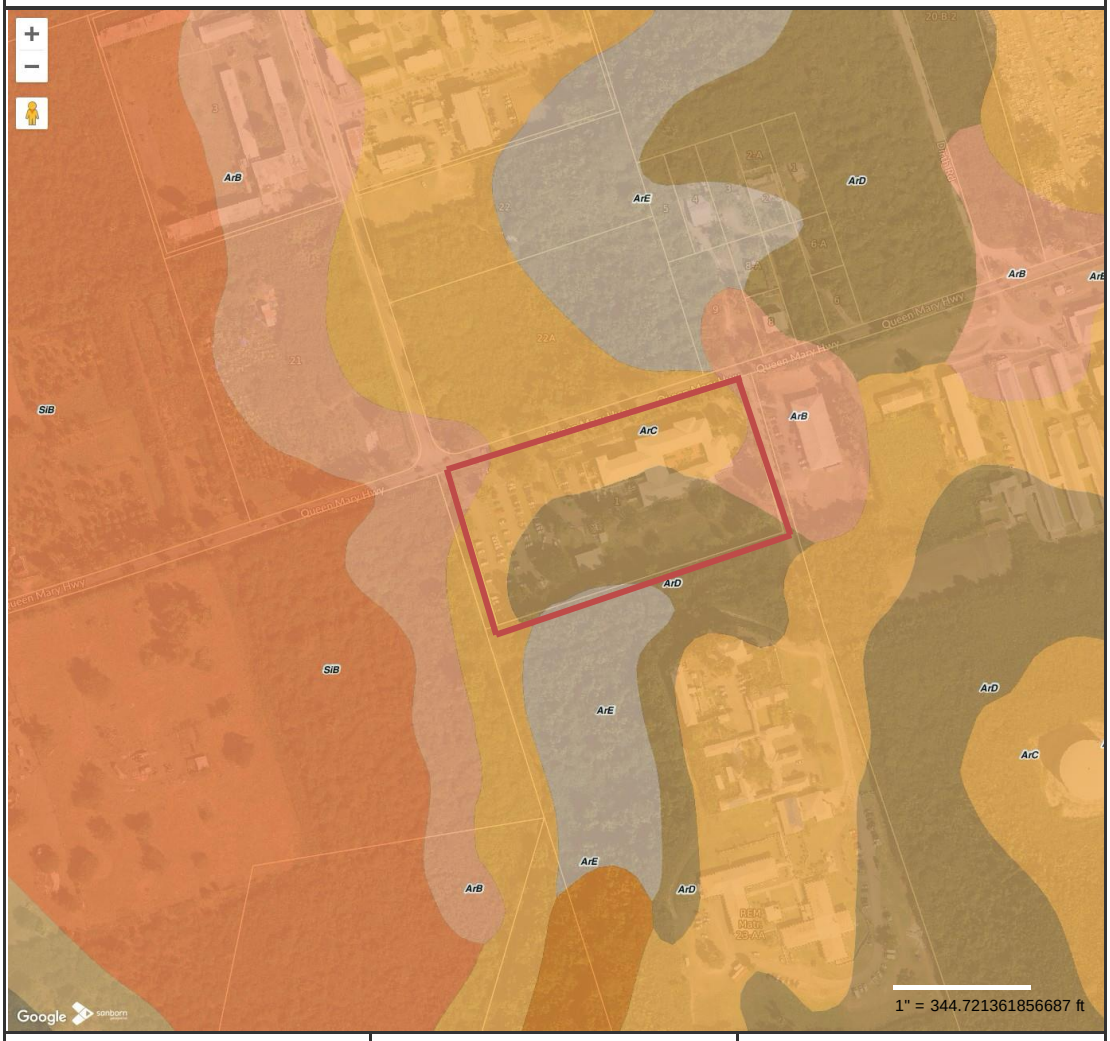
5.0 LANDFORM, GEOLOGY, SOILS and HISTORIC LAND USE

St. Croix was formed from volcanic sediments deposited deep on the ocean floor in the late Cretaceous period (approximately 80 million years ago). The rocks which underlie the mountain ranges are sedimentary, formed by debris from eroding volcanic rocks (Whetten, 1974). Two predominant mountain ranges exist (the Northside Range and East End Range) separated by a central sediment-filled valley near the project site. At one time, the two ranges were distinct islands, separated by a submerged lagoonal environment, which during a later period of uplifting formed the present sediment-filled valley and the island of St. Croix. The landform position associated with soils is on the toe of slopes of hills and mountains underlain by limestone.

According to the Soil Survey of the Virgin Islands, the site consists of three (3) different soils (See Fig. 4 Soils Map):

- ArB-Arawak gravelly loam 2% to 5% slope, very stony;
- ArC-Arawak gravelly loam 5% to 12% slope, very stony; and
- ArD-Arawak gravelly loam 12% to 20% slope, very stony.

Arawak gravelly loams landform position is on the toe slopes of hills and mountains underlain by limestone except for the ArD soils that are on summits and side slopes of hills and mountains. They are composed of 85% Arawak and similar soils with constrasting inclusions minor components of Glynn, Hesselberg and Sion. The surface layer occurs to a depth of 0 to 6 inches and subsurface of 6 to 11 inches where both layers are typically a very dark grayish brown. ArB are in the well-drained class of soils with slow permeability and moderate to high organic content.



MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

US Virgin Islands makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 06/2023
Data updated 06/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

Figure 6 Soils Map

6.0 DRAINING, FLOODING, EROSION CONTROL and DRAINAGE PATTERNS

RHALJC is located in an area of Estate Kingshill where, as the name suggests, the highest elevation is approximate 190-feet at the crest of the hill and lowest elevation in this area is at the Bethlehem Gut at an elevation of 60-feet at the bottom of the hill. The topographic contours of the site, whose boundaries are at secondary intercardinal compass points (directions), is such that it sits almost midway between crest and bottom of the hill with the ENE boundary at an elevation of approximately 159-feet and the WSW boundary at about 110-feet (See Topographic Map Fig.7). There is a hill on the SSE boundary that rises to an elevation of approximately 188 feet. Consequently, existing grading conditions mainly convey stormwater via overland flow in two directions across the site: (ENE) to (WSW) and from (ESE) to (WNW). During heavy rainfall events, the primary direction of stormwater flow is ENE to WSW. Additionally, stormwater enters the site flowing from an ESE to WNW and SE to NW direction before merging with the primary ENE-WSW flow.

Figure 7 RHALJC Topographic Map

RHALJC is located in a Zone X FEMA flood zone designation which is an area of minimal flood risk with an annual flood risk of less than 0.2% (See Fig.8) The first significant offsite stormwater flow emanates from a stormwater discharge pipe located at the St. Croix Central High School (SCCHS) (See Fig 9) which is to the ENE and at a higher elevation than the site. It discharges stormwater downhill through the SCCC, also ENE

of the site, via overland flow directly to a headwall and drainage trench designed to convey the stormwater away from the RHALJC ENE perimeter toward an offsite concrete swale adjacent to the QMH just NNW of RHALJC (See Fig.10). However, the volume of stormwater flow overwhelms the existing stormwater control devices due, in part, to a drainage trench that is clogged with debris. Consequently, the stormwater discharges into RHALJC ENE boundary.

The second significant offsite stormwater source enters from the ESE and SE directions off the entrance road to the SCCC & HGH (See Fig 11). It flows toward the ENE parking lot which is equipped with a six (6) inch concrete curb, drainage inlet and trench drain in front of the curb designed to convey stormwater offsite to the northwest toward the same concrete swale adjacent to QMH. This volume of stormwater sweeps over the existing stormwater management infrastructure in the ENE parking lot and most of it turns almost 90° and flows WSW alongside the SSE façade (See Figs.12 &13). There is a depression along the SSE facade where stormwater accumulates and, reportedly, percolates into an underground pit lined with rocks. Underground pipes connected to the pit discharge the stormwater on the asphalt surface close to the exit of the OVIM parking lot. The stormwater that accumulates in the depression seeps into courtrooms and offices on the SSE side of RHALJC.

RHALJC will design and construct a concrete paved waterway/swale along the SSE side of the building to manage stormwater flow along its natural path (See Attachment D St. Croix Superior Courthouse Concrete Paved Waterway Design for more detail). RHALJC will perform soil excavation to develop footings for 2 ADA bathrooms just next to the main security entrance on the NNW façade and for an A/C condenser building adjacent to the pump room on the WSW facade. The areas where excavation work will occur (i.e., entire SSE façade and portions of the ENE and WSW façade) will be surrounded by a silt fence (See Attachment G Sedimentation and Erosion Site Plan). The contractor will also place sloped sodded earth on selected sections of the SSE façade inside of the silt fencing to ensure that in the event of rainfall, soil will be held in place and not migrate or be transported from the site by rain or wind. Silt fencing will also be erected from the pump house on the SWS façade around the NNW façade and terminate at the main security entrance (See Attachment G Sedimentation and Erosion Control Site Plan). The silt fencing will remain in place and be maintained throughout the demolition and construction phases. Other BMPs include covering any exposed soil at the end of the work day and use of minimal wet suppression, if deemed necessary.

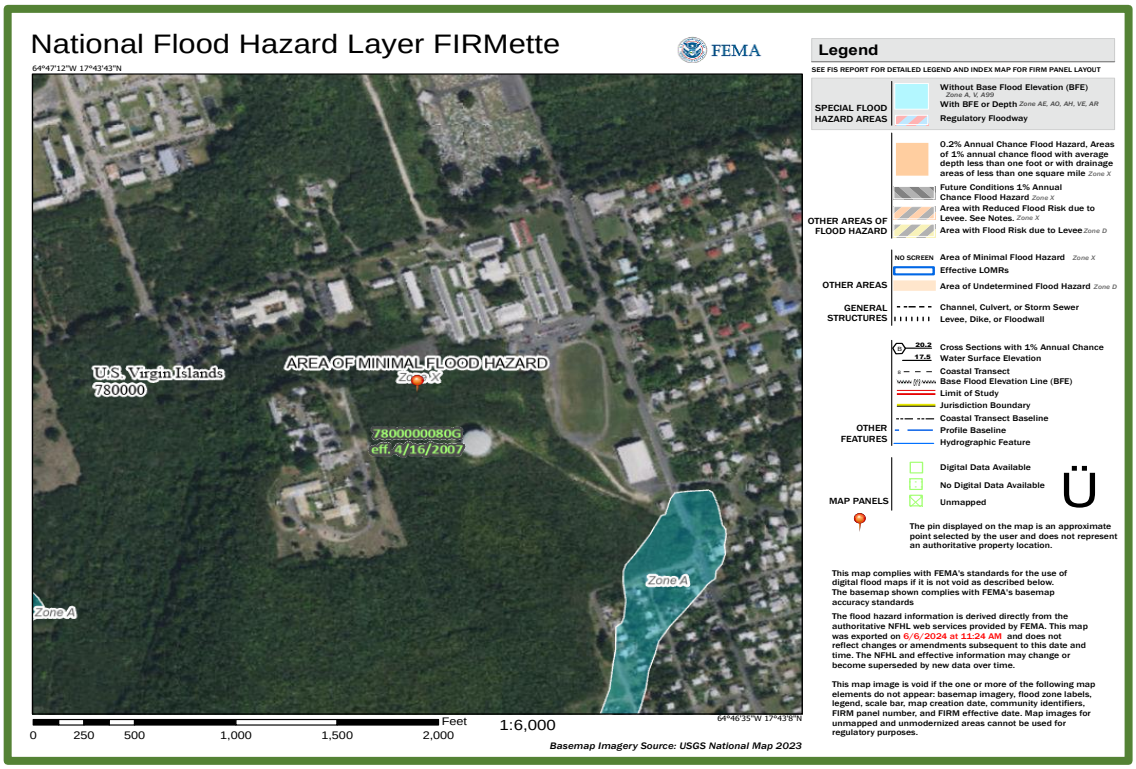


Figure 8 RHALJC FEMA Flood Zone Map

Figure 9 St. Croix Central High School SW Discharge

Figure 10 Concrete Swale Southern Side of Queen Mary's Highway

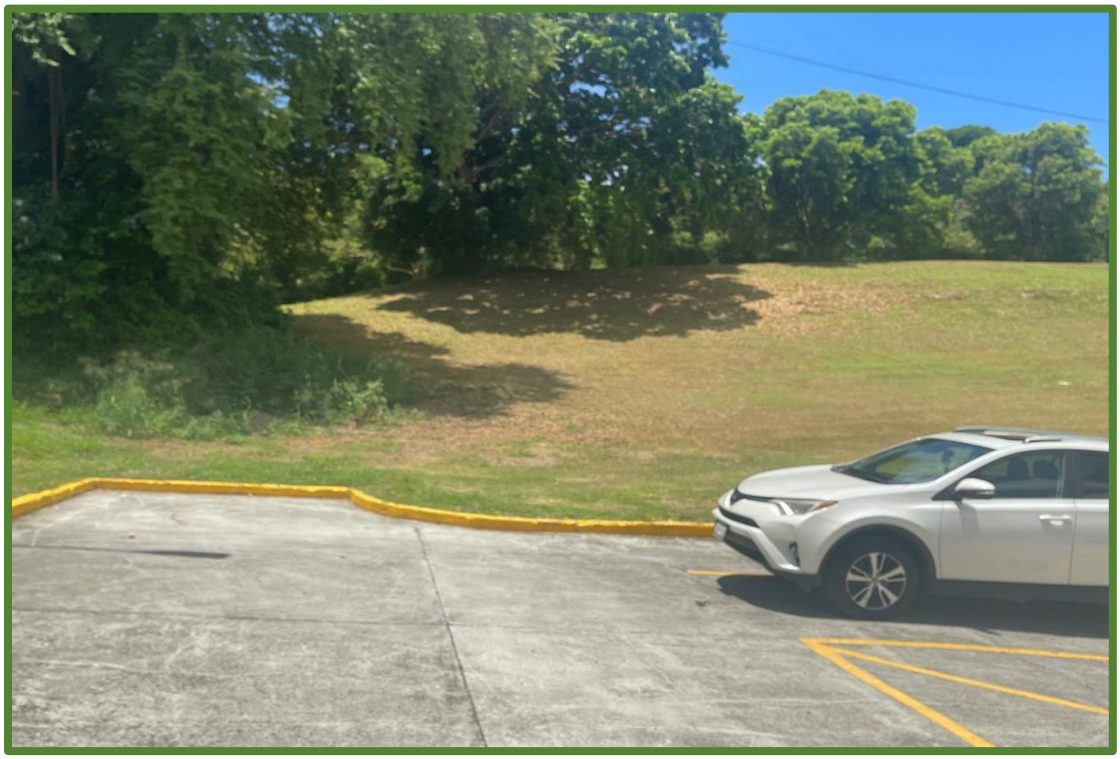


Figure 11 Location of SW entry from HGH entry road into Eastern Parking Lot

Figure 12 Southside of RHALJC WSW to ENE View

Figure 13 Southern Side RHALJC ENE to WSW View

7.0 FRESH WATER RESOURCES

The RHALJC public water system is supplied by two sources of water. The primary source is rain via roof catchment and secondary source is potable water from the Virgin Islands Water and Power Authority. RHALJC relies on rain as the preferred source to supply the facility. The RHALJC public water system includes a 30,135ft^2 roof catchment surface, gutters (size), down spouts and 2 cisterns with a storage capacity of 140,400 gallons.

8.0 OCEANOGRAPHY (Not applicable)

9.0 TERRESTRIAL RESOURCES

A biological survey was conducted at the RHALJC on [DATE]. This inventory covers vegetation on the grounds of the Virgin Islands Superior Court. The approach involved walking throughout the site documenting observations in writing and photographs. It was initiated at the northern entrance of the building, then continued along the eastern boundary. It continued to the southern boundary, then along the western boundary, and was concluded back at the entrance. The site is maintained with a mowed lawn and mature trees throughout the grounds and landscaped ornamentals around the building. The property is surrounded by semi-deciduous forest to the north and south, pastureland to the west and developed land to the east. Species identified as Federally Endangered Plant Species on St. Croix are *Agave eggersiana*, *Buxus vahlii*, and *Catesbaea melanocarpa*. Although native shrubs and herbs were found, very few native trees were present. These were Cordia dentata (Manjack), *Sideroxylon foetidissimum* (Mast Wood) and Capparis indica. None of these are considered as Virgin Island Heritage species. Other non-native trees such as *Melicoccus bijugatus* (Kenip), *Saman samanea* (Rain Tree), *Tamarindus indica* (Tamarind) and *Swietenia mahagoni* (West Indian Mahogany) were present and are considered as Heritage Species. In order to prune or remove a tree listed as a Virgin Islands Heritage Species, one must apply to the Virgin Islands Department of Agriculture for a permit. Please see survey for other species found.

Birds were documented by visual and auditory identification. No rare, threatened, or endangered species were noted during the inventory, but the *Anolis acutus* is an endemic lizard species was observed. No Federally Endangered plant or animal species were found in this survey. See Listing of all of the observations made during the survey in Attachment H.

10.0 ENDANGERED SPECIES ACT

Section 7 of the Endangered Species Act requires Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, of licensed by any Federal agency. A letter from the local office and a species list which fulfils this requirement can **only** be obtained by requesting and official species list from either the Regulatory Review section in IPaC (Information for Planning and Consultation) of the US Fish and Wildlife Service or from the local field office. Accordingly, a request was made on June 11, 2024 for an official species list regarding the proposed action at the R.H. Amphlett Leader Justice Complex to the U.S. Secretary of the Interior. In response to this request, the Caribbean Ecological Services Field Office of the USFWS issued the following resource list for information purposes only. "There are no listed species or critical habitats expected to occur at this location." This statement applies to endangered species and NOAA Fisheries.

10.1 USFWS NATIONAL WILDLIFE REFUGE LANDS and FISH HATCHERIES

The USFWS Caribbean Ecological Field Office resource species list indicates that:
"There are no refuge lands at this location" and "There are no fish hatcheries at this location."

10.2 MIGRATORY BIRDS

The USFWS Caribbean Ecological Field Office resource species list indicates that:
"The data in this location indicates there are no migratory birds of conservation concern expected to occur in this area."

10.3 WETLANDS

The USFWS Caribbean Ecological Field Office resource species list indicates that:
"This location did not intersect any wetlands mapped by NWI."

11.0 AIR QUALITY

The United States Virgin Islands is located in a Class II air quality region and must comply with the National Air Ambient Quality Standards. The Department of Planning and Natural Resources (DPNR) is the state regulatory agency enforcing the Clean Air Act and the Title VI Air Pollution Control Act through administration of the Air Pollution Control Program. According to DPNR's Division of Environmental Protection 2020 U.S Virgin Islands Monitoring Network Plan, the U.S. Environmental Protection Agency regulations at 40 CFR Part 58 does not require monitoring for CO, O3, NO2, PM10, and PM2.5 based on population. From an air pollution source perspective, 40 CFR Part 58 also does not require monitoring for SO^2 and Pb. Still, the Division of Environmental Protection (DEP) currently operates two (2) monitoring stations for particulate matter: one (1) station is located on St. Croix in Bethlehem Village, and the other is on St. Thomas in Vendor's Plaza. Therefore, the particulate matter monitor on St. Croix is approximately 1.2 miles from the project site.

As indicated only very small areas on the site will be disturbed for short periods of time. During construction activities, the selected Contractor will apply a wet suppression method light watering technique frequently to control dust resuspension, if necessary, and cover any exposed soil piles. Is should be noted that since running 3-year summaries are generated from these data to compare with the standard. The annual standard for $PM_{2.5}$ is 12.0µg/m3, averaged over three years, therefore, data useability for determining impact from RHALJC project is at best questionable. PM_{10} or less in diameter is produced by dust from construction sites, wildfires, and industrial sources. The National Ambient Air Quality Standard for PM_{10} 24-hour standard is 150µg/m3.

RHALJC will adhere to the following BMPs.

- Execute work by methods to minimize release of fugitive dust from construction operations.
- Provide positive means to prevent dust dispersion into atmosphere and over adjacent properties.
- Provide dust-proof enclosures to prevent the entry of dust generated outdoors.
- Provide dust-proof barriers between construction areas.

12.0 IMPACTS ON MAN'S ENVIRONMENT

RHALJC, zoned P is surrounded by properties MTR 23-AA Kingshill to the south, 22A Upper Bethlehem to the north, 21 Upper Bethlehem to the northwest all are also zoned public along with TRACT 3 Upper Bethlehem to the east z6oned public and R-2. There are two other zone designations adjacent to the site and they are 1 Vicorp Land zoned A-1 to the southwest and Plots 1, 2, 2A, 3, 4, 5, 6, 6-A,7, 8, 9 & 10 Kingshill Public Village to the northeast zoned R-1.
There are nine Areas of Particular Concern on St. Croix and they are:

- Christiansted Waterfront,
- Salt River,
- Southgate Pond - Chenay Bay,
- St. Croix Coral Reef System,
- East End,
- Great Pond & Great Pond Bay,
- Southshore Industrial Area,
- Sandy Point,
- Frederiksted Waterfront.

The closest APC to the project site is the Southshore Industrial Area. It is approximately two (2) miles away to the south. The Bethlehem Gut which runs perpendicular to the WSW boundary is approximately 2000-feet away down gradient also to the south.

13.0 LAND AND WATER USE PLANS

According to The Virgin Islands Comprehensive Land and Water Use Plan document significant plans have been prepared for various USVI agencies as far back as 1917 with one of the first plans, the Barano Plan, developed and completed in 1954 in the post-military occupation era. Several other efforts produced a document referred to as The Virgin Islands Comprehensive Land and Water Use Plan that was never formally passed or approved by the Legislature of the Virgin Islands. Those valuable early planning efforts provided the basis for our current zoning laws and aspects of natural resource and environmental protection guidelines. However, while the local Coastal Zone Management Program addressed some of the Territory's environmental and ecological concerns, and provides a growth management mechanism, the Virgin Islands of the United States does not have an approved Comprehensive Land and Water Use Plan. However, the CZM program treats coastlines as unique places where particular types of development are prioritized, and also balance the need for coastal access with resource protection and retention of natural areas. Recently, the Department of Planning and Natural

Resources began an effort in February of 2023 to develop a comprehensive land and water use plan and the planning process is currently underway with the release of the first draft currently undergoing a review and comment period. Recently, on June 27, 2024, DPNR held another series of Town Hall Meetings across the territory to review strategies in a "round robin" small group format. A full review by the public of the developing document could occur before the fall of 2024.

In concert with the VI Coastal Zone Management Act, the Coastal Barrier Resources Act encourages conservation of storm-prone and dynamic coastal barriers through the coastal barrier resources system. Through the Coastal Barriers Resources Act, the U.S. Fish and Wildlife Service's primary responsibility is conserving and managing fish, wildlife, plants and their habitats. Mapped areas are CBRS units. There are eleven such areas designated as mapped units on St. Croix and they include:

- Rust Up Twist Unit VI-01;
- Salt River Bay Unit VI-02;
- Altona Lagoon Unit VI-03;
- Southgate Pond Unit VI-04_VI-04P;
- Coakley Bay Unit VI-05;
- Robin Bay Unit VI-06;
- Great Pond Unit VI-07;
- Canegarden Bay Unit VI-08;
- Ruth Cay VI-09;
- Long Point Unit VI-10; and
- West End Salt Pond; Unit VI-11

Fig. 14 below depicts five (5) of the eleven CBRS units that are closest to the RHALJC. Unit VI -09 Ruth Cay, the closest of the five, is 1.88 miles away from the site.

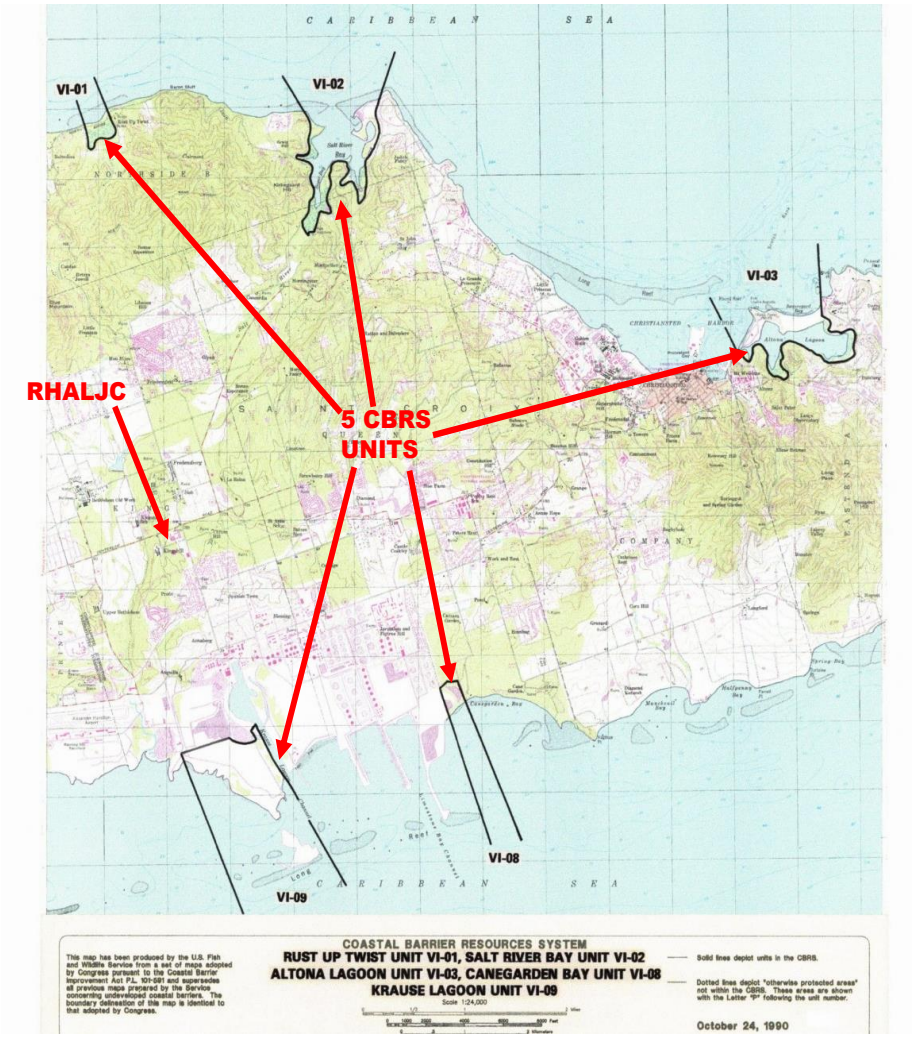


Figure 14 Location of RHALJC Relative 5 Closest CBRS Units

14.0 VISUAL IMPACTS

This courthouse was designed by Richard E. Barringer in 1983. He is known for several large government developments on the island such as the main building of the College of the Virgin Islands and several elementary and high schools. These structures have become iconic in the St. Croix landscape and are distinct in their design fenestrations.

For the roof repairs being undertaken by the Judiciary retain the original design executed by Barringer while hardening the structure to meet present building codes. The main entrance to the facility which is open and without an enclosure is slated to become sealed with a ballistic proof curtain wall. The glazing used will preserve the open and well-lit

characteristics of the entrance while ensuring the courthouse entrance is protected from attack. It will also reduce the manpower that is presently required to secure the facility on a 24-hour basis.

The courtroom located on the ground level on the south-southeast facade flooded during Hurricane Maria due to the lack of proper drainage along this part of the complex. A new swale to mitigate and properly channel the water flow along the building's southern boundary is part of the proposed scope of work. This infrastructure enhancement will allow water to flow away from the structure and will also improve the aesthetics along this building facade. Finally, the existing open aired interior courtyard which flooded during Hurricane Maria is slated to be covered with a curved space frame structure with corrugated translucent roof panels. This feature will preserve the light in the existing courtyard while protecting it from high wind load and rain events. All additions proposed for the facility respect its original design which bringing the facility up to present building code requirements, protection standards and expanded functional spaces. All work proposed will be done while the courthouse remains fully functioning and operational.

15.0 SOCIAL AND ECONOMIC IMPACTS

As the RHALJC development progresses from the current due diligence phase to the design and implementation phases, the Government of the Virgin Islands and local vendors will realize fiscal and economic benefits. Estimates of projected benefits will be based on current values associated with construction costs, retail sales activity and other factors. Input will be gathered from the US Virgin Islands Economic Development Commission, US Virgin Islands Department of Labor and other relevant government and industry sources. Economic and fiscal estimates will be based on sales estimates.

The analysis of fiscal and economic benefits will consider two phases: construction and ongoing operations. Construction benefits will be considered a one-time activity since they are realized when site development improvements are made. Ongoing benefits accrue from business operations. There will be direct and secondary fiscal and economic benefits. Direct benefits will show up as the initial financial construction investment, job creation and tax revenues. Indirect benefits are those that will result from construction and permanent employment spending. Applicable tax revenues include gross receipts and payroll.

Therefore, RHALJC project will promote economic development and growth by providing new job opportunities and serve as an additional revenue stream for an economy that currently relies on tourism. Approximately, 10 new jobs will result in the near term from the planning, design and construction phases, and in the long term the

project will provide approximately seventy (70) jobs with over sixty (60) locally employed individuals for a duration of just under one (1) year.

16.0 HISTORICAL AND ARCHAEOLOGICAL RESOURCES

On behalf of RHALJC, a request was made to the State Historic Preservation Office of the Division of Historic Preservation for a determination on the need for a Phase I archaeological survey. Based on the recommendation of the Senior Archaeologist, the SHPO has indicated that a cultural resource Phase I survey will not be required for this site. RHALJC standard procedure is to notify the Division of Historic Preservation immediately if any suspected cultural resources are discovered in the course of implementing the project.

17.0 WASTE DISPOSAL AND ACCIDENT SPILLS

In concert with environmentally conscious solid waste management practices to reduce, reuse and recycle, every effort will be made to minimize the impact of this project on the island's solid waste management facilities. To the extent practicable and in consultation with the Virgin Islands Waste Management Authority, recyclable construction wastes will be reused or recycled. According to the contractual General Requirements, the contractor is responsible for installing an onsite trailer for their operations including portable bathroom facilities for staff and construction workers. Local contractors will transport sewage generated onsite to the Harold G. Thompson wastewater treatment plant. All demolition material and debris will be the contractor's property who is responsible for removal and disposal in a Government of Virgin Islands (GVI) or federally approved facility.

According to the USVI 2019 Residential Waste Characterization, St. Croix received an estimated 82,740 tons of solid waste at the Anguilla Landfill. Approximately 42% of the materials sorted are considered recyclable in most areas, while another 14% are considered compostable so there is an opportunity to reduce by approximately 56% the overall waste generated by the project and would otherwise go to the landfill as intake waste.

Project activities will generate solid wastes including a minimal amount of soil from excavation of surfaces which will be appropriately handled. It will also generate construction waste, possibly used oils and packaging debris. RHALJC will avoid intermingling of wastes and will manage all substances that exhibit hazardous waste characteristics properly to prevent a release to the environment. RHALJC contractors will adhere to all required federal and local requirements for treatment, storage and disposal including, regulations that govern universal waste management.

The following are recommended waste removal procedures.

A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
B. Provide containers with lids. Remove trash from site periodically.
C. Provide suitable containers onsite to store recyclable materials and locate containers holding flammable material outside of structures unless otherwise approved by DPNR or the VIWMA.
D. Dismantle salvageable material to such a size that it can be readily handled and delivered to a designated storage area.
E. Remove any rejected materials from the site.
F. Transport unsalvageable concrete, concrete block, bricks, and piping to a waste disposal site approved by regulatory agencies.
G. All other materials shall be hauled by the Contractor to a waste disposal site that has been approved by regulatory authorities.
H. Remove and dispose of properly any contaminated materials identified on site according to DPNR and USEPA's requirements.
I. Manage all fluorescent lamps or other bulbs that are regulated under 40 C.F.R. Part 273 Standards for Universal Waste Management, Part 273.5 Lamps and that exhibit properties of a toxicity characteristic waste according to the SOP provided in Attachment H.

18.0 REFERENCES

Soil Survey, Virgin Islands of the United States, United States Department of Agriculture, National Resource Conservation Service.

Bowden, M.J. et. al., 1969. Climate, water balance and climatic change in the north-west Virgin Islands. Caribbean Research Institute, CVI, St. Thomas, Virgin Islands.

Horsley Witten Group, 2022. Virgin Islands Environmental Protection Handbook: A Guide to Stormwater Management Standards and Control Measures, Prepared for VI Department of Planning and Natural Resources, Division of Environmental Protection.

Donnelly, T 1966. Geology of St. Thomas and St. John, U.S. Virgin Islands. In: Hess, H. (ed.) Caribbean geological investigations. Geol Soc. Amer. Mem. 98:85-176.

Gill, Ivan P. and D.K. Hubbard. 1986. Subsurface Geology of the St. Croix Carbonate Rock System, Technical Report No. 26, Caribbean Research Institute, College of the Virgin Islands, 71 pp.

Gershman, Brickner & Bratton, INC (GBB) 2009 Waste Stream Characterization Study, Prepared for the Virgin Islands Waste Management Authority.

Hays,W.W. 1984. Evaluation of the earthquake-shaking hazard in Puerto Rico and the Virgin Islands.

Island Resources Foundation. 1977. Marine environments of the Virgin Islands. Technical Supplement No.1 1976. Prepared for the Virgin Islands Planning Office.

Dr. Greg Guannel, Ariel Stolz, University of the Virgin Islands' Caribbean Green Technology Center,

U.S. Virgin Islands 2019 Residential Waste Characterization.

COASTAL CONSISTENCY

Goal: 903(b)(1)… protect, maintain, preserve and, where feasible, enhance and restore, the overall quality of the environment in the coastal zone, the natural and man-made resources therein, and the scenic and historic resources of the coastal zone for the benefit of residents of and visitors of the United States Virgin Islands;

RHALJC project occurs far enough inland, as delineated in Fig. 16 below, that it will not affect the overall quality of the coastal zone environment. It should be noted that throughout all phases of this project, from pre-demolition to post construction, implementation of erosion and sediment control, and stormwater management systems will result in effective control of stormwater run-on and runoff and minimization of any potential sediment related pollution. Also, project activities will not alter the natural drainage path of stormwater. Moreover, the nearest shoreline to the site, Canegarden Bay, is approximately 2 miles away.

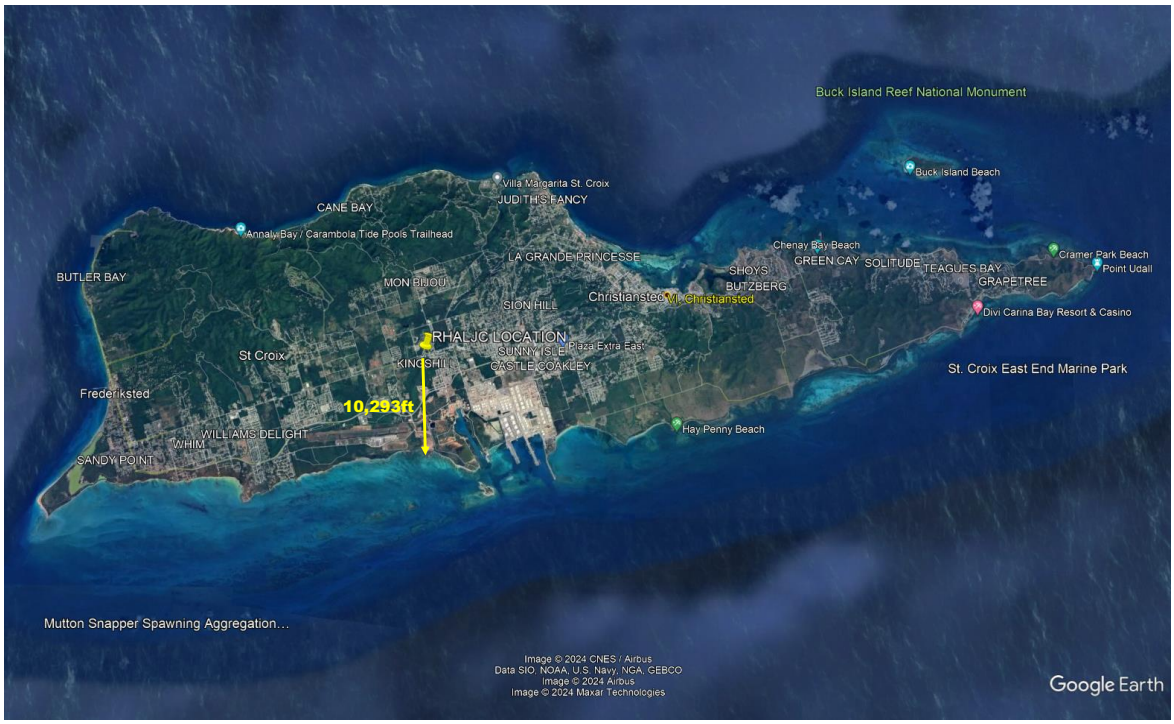


Figure 16 RHALJC Distance to Closest Shoreline

Goal: 903(b)(2)… promote economic development and growth in the coastal zone and consider the need for development of greater than territorial concern by managing: (1) the impacts of human activity and (2) the use and development of renewable and nonrenewable resources so as to maintain and enhance the long-term productivity of the coastal environment;

RHALJC harvests rainwater as part of the green initiative component of the project which provides the environmental benefit of reducing runoff since the water is captured and reused. This practice also reduces costs associated with consumption of potable water.

Goal: 903(b)(3)… assure priority for coastal-dependent development over other development in the coastal zone by reserving areas suitable for commercial uses including hotels and related facilities, industrial uses including port and marine facilities, and recreation uses;

By virtue of its location which is practically in the middle of the island and far away from coastlines, the RHALJC project does not interfere or inhibit furtherance of the Coastal Zone Management Act preference for prioritizing coastal areas for coastal-dependent projects such as hotels, port, marine facilities and recreation. Owing to the fact that the RHALJC project does not occur in coastal areas it intrinsically prioritizes coastal dependent projects for development of marine parks and sanctuaries for the enjoyment of nature enthusiasts and the general public.

Goal: 903(b)(4)… assure the orderly, balanced utilization and conservation of the resources of the coastal zone, taking into account the social and economic needs of the residents of the United States Virgin Islands;

In addition to the strategic utilization of rain described above, the RHALJC partial demolition and construction project addresses the socioeconomic needs of USVI residents. Better criminal justice facilities infuses a communities with confidence regarding criminal justice outcomes. That confidence lends itself to a positive outlook on life rather than engaging in self-victimization. It affords shift to the radical policy of more social justice and less criminal justice as a means toward safe and decent communities. Increased confidence in the criminal justice system allows young men to believe that following a nonviolent path could lead to a better and more productive life. Accordingly, the jobs that are created as a direct result of the RHALJC project provides an avenue for members of the community to benefit economically, as well as for the Government of the Virgin Islands as a whole. Recognizing, though, these

benefits accrue but are not driven by a consideration of a balanced utilization and conservation of coastal resources.

Goal: 903(b)(5)… preserve, protect and maintain the trust lands and other submerged and filled lands of the United States Virgin Islands so as to promote the general welfare of the people of the United States Virgin Islands;

There are several trust lands and submerged lands on/or associated with the island of St. Croix that serve and will continue to serve as safe spaces for Virgin Islanders and the exotic wildlife that inhabit these areas. Along with numerous ephemeral guts, some of these environments include:

- approximately 30 acres of the Buck Island Reef National Monument situated off the northeast coast of the island that constitute part of a significant ecological community;
- Christiansted National Historic Site covers over seven acres in
- Salt River Bay National Historical Park and Ecological Preserve uniquely documents the human and natural Caribbean world from the earliest indigenous settlements in the central Caribbean to their clash with seven different colonial European powers;
- Fifteen acres of a trust property in Estate Marienhoj surrounded by forest on all sides, offering a quiet refuge for birds and wildlife;
- Forty-two acres in Estate Lowry Hill protecting a natural resource of open undeveloped green space and wildlife habitat; and
- Ten acres in the northwest region Estate Spring Garden, part of the largest area of contiguous forest on St. Croix, that protect the headwaters of the Caledonia Valley and serve as catalyst for efforts to preserve lands in the Maroon Ridge/Annaly Bay area and has high ecological and historical value.

The RHALJC project promotes the general welfare of the people since it does not impact any trust resources or other submerged/filled lands on St. Croix.

Goal: 903(b)(6)… preserve what has been a tradition and protect what has become a right of the public by insuring that the public, individually and collectively, has and shall continue to have the right to use and enjoy the shorelines and to maximize public access to and along the shorelines consistent with constitutionally-protected rights of private property owners;

The RHALJC project does not infringe on the right of all Virgin Islanders, individually and collectively to enjoy and maximize public access to shorelines consistent with the constitutionally protected rights of private property owners. As delineated in Figure 16 above, the project is centrally located and occurs far away from coastal resources.

Goal: 903(b)(7)… promote and provide affordable and diverse public recreational opportunities in the coastal zone for all residents of the United States Virgin Islands through acquisition, development and restoration of areas consistent with sound resource conservation principles;

The RHALJC will not impact public recreational activities in the coastal or any other areas on island or elsewhere.

Goal: 903(b)(8)… conserve ecologically significant resource areas for their contribution to marine productivity and value as wildlife habitats, and preserve the function and integrity of reefs, marine meadows, salt ponds, mangroves and other significant natural areas;

The partial demolition and construction project only occurs on a site that is 6.05-acres and on previously disturbed and developed land. It occurs far inland and will not impact any of the nine Areas of Particular Concern or eleven Coastal Barrier Resources System locations on St. Croix. On June 11, 2024, the US Department of Interior Fish and Wildlife Service provided an analysis of any threatened and endangered species including proposed species that may occur in the project location or may be affected by this project. Through USDOI's Caribbean Ecological Services Field Office, the report indicated that:

- There is a total of 0 threatened, endangered, or candidate species on this species list.
- There are no critical habitats within your project area under this office's jurisdiction.
- There are no refuge lands or fish hatcheries within your project area.
- There are no FWS migratory birds of concern within the vicinity of your project area.
- There are no wetlands within your project area.

Further, a biological survey conducted by Rudy O'Reilly did not observe any threatened or endangered species associated with the site. However, several non-native trees such

as *Melicoccus bijugatus* (Kenip), *Saman samanea* (Rain Tree), *Tamarindus indica* (Tamarind) and *Swietenia mahagoni* (West Indian Mahogany) were present and are considered as Heritage Species. In order to prune or remove a tree listed as a Virgin Islands Heritage Species, one must apply to the Virgin Islands Department of Agriculture for a permit.

Goal: 903(b)(9)… maintain or increase coastal water quality through control of erosion, sedimentation, runoff, siltation and sewage discharge;

The RHALJC the stormwater management system contains site perimeter controls such silt fencing, sloped sodded earth includes a series of best management practices to limit the potential for erosion or sediment transport by rain or wind. It also features roof catchment of rain reducing the amount of stormwater that could be generated by the site. To better manage significant sources of offsite stormwater, a new swale to mitigate and properly channel the water flow along the building's south-southeast boundary is part of the proposed scope of work. This infrastructure enhancement will allow water to flow away from the structure and will also improve the aesthetics along this building facade. Again, the JFLHMC project occurs over 10, 000 feet away from the nearest coastline and the Bethlehem Gut is over 2,000 feet from the site.

This facility is connected to the VI Wastewater Management Sewerage System. During demolition and construction, temporary sanitary devices, such as portable toilets, situated throughout the site, will be used to collect sewage generated on site. The contents of portable toilets will be periodically collected with a vacuum truck and transported directly to the Harold G. Thompson Wastewater Treatment Plant for disposal at a designated location or manhole and subsequently treated to meet secondary effluent standards. Secondary effluent standards are typically 85% removal of biological oxygen demand (BOD) and total suspended solids (TSS), as well as a standard for coliform bacteria appropriate to meet the designated uses of the water, temperature, phosphorus and oil and grease. The wastewater collection and disposal permit for the portable toilets is issued pursuant to Title 12, Chapter 7, Virgin Islands Code and provisions of Sections 184, 185 and 186 and pursuant to 40 CFR Part 100 Subpart D and is authorized by the Virgin Islands Waste Management Authority. Consequently, as far as sewage is concerned, the system is designed so that sewage generated during and after completion of the project will be treated to meet secondary effluent standards and not adversely affect coastal water quality.

Goal: 903(b)(10)… consolidate the existing regulatory controls applicable to uses of land and water in the coastal zone into a single unified process consistent with the provisions of this chapter, and coordinate therewith the various regulatory requirements of the United States Government;

Since the Government of the Virgin Islands of the United States is authorized by the US Environmental Protection Agency to administer several environmental programs, existing regulatory controls applicable to land and water use issues and coordination of various Federal regulatory requirements are unified and extremely prominent throughout the VICZM permitting process for the RHALJC project. Through the federal Clean Water Act (CWA), DPNR administers the Virgin Islands Water Pollution Control (VIWPC) Program, pursuant to Title 12 Chapter 7 of the Virgin Islands Code which regulates the discharge of pollutants into waters of the Virgin Islands and allows management of hazardous substances that are directly regulated under the Federal Resource Recovery and Conservation Act. The VIWPC program also covers the ambient water quality monitoring (Section 106 of the CWA and nonpoint source pollution (Section 319 of the CWA) which are critical components of controlling pollution from development projects. Toward compliance with the provisions of the Clean Water Act, 33 USC § 1251 et. Seq., as amended by the Water Quality Act of 1987,P.L.100-4, and the VI Water Pollution Control Act, operators of stormwater discharges associated with industrial activity must apply for authorization to discharge. A Construction General Permit (VIGSA0000) will be required for stormwater runoff with construction activities on properties in excess of one acre. If CGP is required, the following will be generated:

- A Notice of Intent (NOI) per the DPNR;
- A Stormwater Pollution Prevention Plan (SWPPP); and
- A Notice of Termination (NOT) will be submitted upon completion of construction activities.

The stormwater design will include studying onsite and offsite drainage basins based on topographic surveys provided for the site and using the USVI Geospatial Information System Division hosted by VIMapGeo to estimate the drainage basins contributing stormwater runoff. The onsite grading and drainage plan will incorporate trench drains, parking lot inlets and landscape area drains. The pre-development system will be evaluated to determine peak discharge rates. The final design will not exceed pre-development peak storm water discharge rates.

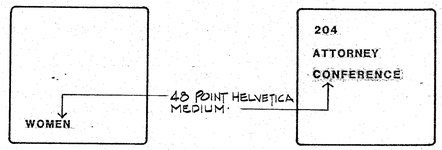
Under the Clean Air Act, air pollution is addressed by the local environmental regulatory agency through the Virgin Islands Air Pollution Control Act under the Title

V operating permit and other programs. Devices, such as generators, that emit conventional and other hazardous air pollutants, are regulated to ensure protection of air quality. All of the water served from the RHALJC to employess must comply with the federal Safe Drinking Water Act and Primary and Secondary Drinking Water Standards as per the Virgin Islands Safe Drinking Water Act.

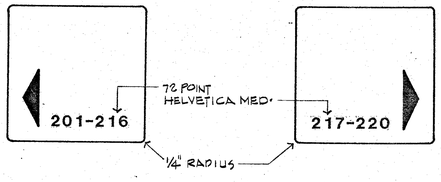
Goal: 903(b)(11)… promote public participation in decisions affecting coastal planning conservation and development.

The Federal Consistency review procedure is conducted through the VICZM permitting process that includes the oversight by CZM committee. It typically involves a pre-application meeting, a completeness determination, an internal review and a 30-day comment period. Subsequently, a public hearing is held where any resident or other interested persons can testify and have their concerns documented in the official record and offer suggestions for minimizing their view of potential unwanted impacts. On the other hand, it can be approved with special conditions or even with recommendations that the project as proposed be rejected by the CZM Committee. Consequently, the proposed RHALJC partial demolition and reconstruction project satisfies the public participation requirements set forth in the Virgin Islands Coastal Zone Management Program and will be conducted in a manner consistent with such program.

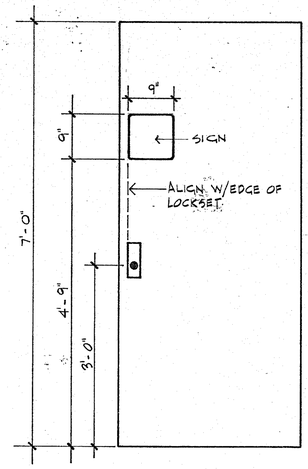
ATTACHMENT A



SIGN ON DOORS



SIGN (ACTUAL SIZE 9"x9")



SIGN LOCATION ON DOOR

SCHEDULE OF DOOR SIGNAGE

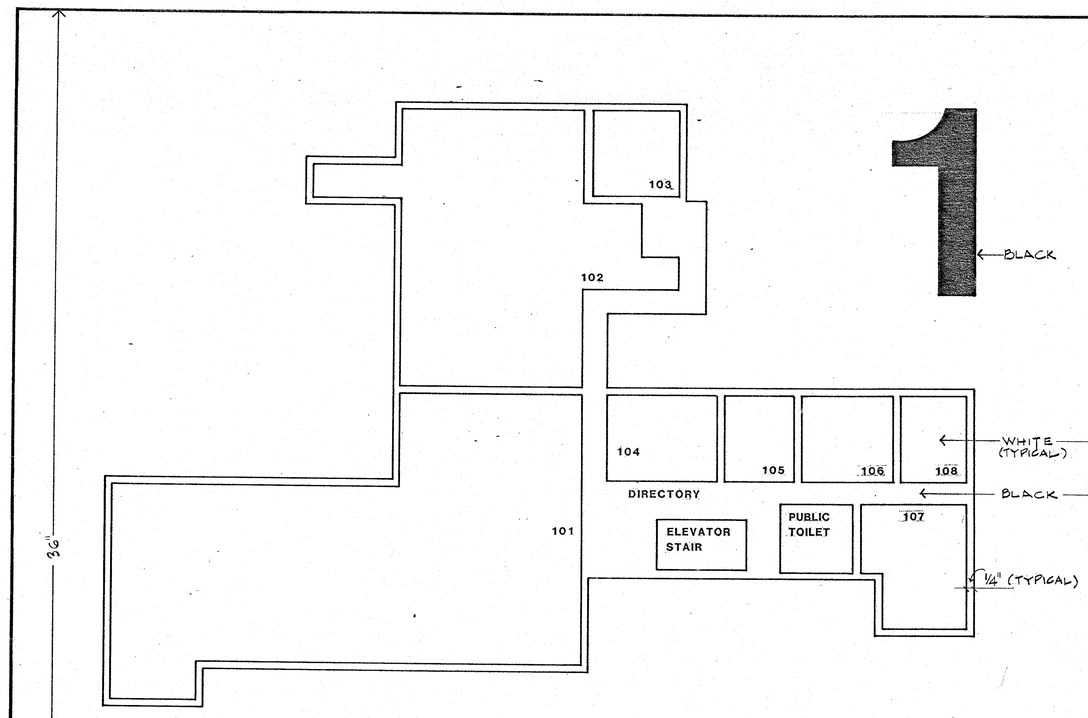
LOWER LEVEL

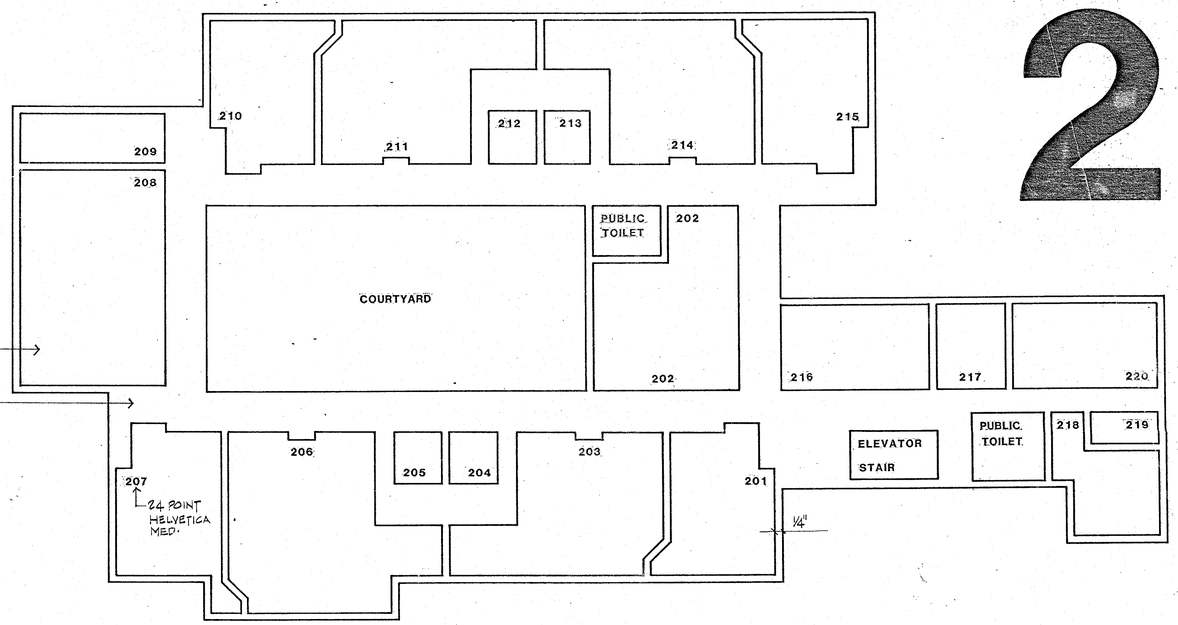
101	CLERK OF THE COURT	105	PROBATION
102	MARSHAL OFFICE	106	PRE-TRIAL INTERVENTION
103	MAINTENANCE	107	EMPLOYEE LOUNGE
104	(ALLOW 10 LETTERS)	108	COURT VOLUNTEER

UPPER LEVEL

201	JUDGE (ALLOW 10 LETTERS)	211	COURTROOM
202	JURY ASSEMBLY	212	WITNESS ROOM
203	COURTROOM	213	ATTORNEY CONFERENCE
204	ATTORNEY CONFERENCE	214	COURTROOM
205	WITNESS ROOM	215	JUDGE (ALLOW 10 LETTERS)
206	COURTROOM	216	COURTROOM
207	JUDGE (ALLOW 10 LETTERS)	217	MAGISTRATE OFFICE
208	LAW LIBRARY	218	ATTORNEY GENERAL
209	VISITING JUDGE	219	CASHIER
210	JUDGE (ALLOW 10 LETTERS)	220	COURTROOM

9 SIGNS FOR "MEN"
9 SIGNS FOR "WOMEN"





BACKGROUND TO BE WHITE

72 POINT HELVETICA MED. BLACK

LOWER LEVEL

24 POINT HELVETICA MED BLACK

101 CLERK OF THE COURT
101 CASHIER
101 ACCOUNTING DIVISION
101 CIVIL DIVISION
101 CRIMINAL DIVISION

101 TRAFFIC DIVISION
101 FAMILY DIVISION
101 MICROFILM DIVISION
102 MARSHAL OFFICE
103 MAINTENANCE

104
105 PROBATION
106 PRETRIAL INTERVENTION
107 EMPLOYEE LOUNGE
108 COURT VOLUNTEER

72 POINT HELVETICA MED. BLACK

UPPER LEVEL

201 JUDGE FINCH
202 JURY ASSEMBLY
203 COURTROOM NO. 1
204 ATTORNEY CONFERENCE
205 WITNESS ROOM

206 COURTROOM NO. 2
207 JUDGE JOESPH
208 LAW LIBRARY
209 VISITING JUDGE
210 JUDGE

211 COURTROOM NO. 3
212 WITNESS ROOM
213 ATTORNEY CONFERENCE
214 COURTROOM NO. 4
215 JUDGE SILVERLIGHT

216 COURTROOM NO. 5
217 MAGISTRATE OFFICE
218 ATTORNEY GENERAL
219 CASHIER
220 COURTROOM NO. 6

78"

DIRECTORY SIGN

DEC 7 19/9
PRELIMINARY
NOT FOR CONSTRUCTION

A-

ATTACHMENT B

Roof Retrofit Calculations: Superior Court of the Virgin Islands 16g 1.83 in. Hugger, Corru-Fit

June 2024

Contents

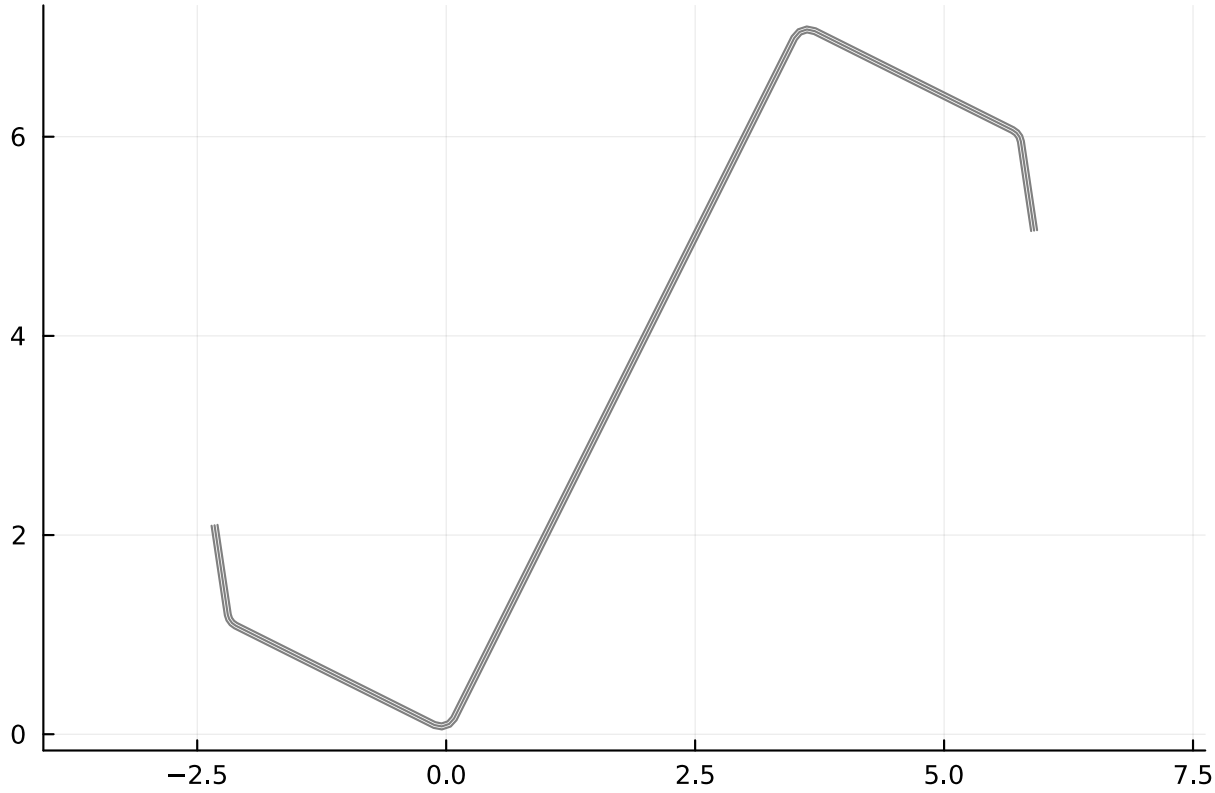
1 Existing roof system

```
using RoofHugger
```

1.1 Build existing roof

```
purlin_types = ["Z8x2.5 060"]

purlin_spans = (25.0, 25.0, 25.0, 25.0, 25.0);  #ft

purlin_size_span_assignment = (1, 1, 1, 1, 1);

purlin_laps = (12.0/12, 12.0/12, 12.0/12, 12.0/12, 12.0/12, 12.0/12, 12.0/12, 12.0/12);

purlin_spacing = 2 + 10/12  #ft

frame_flange_width = 6.0  #in

roof_slope = -6/12

existing_deck_type = "PBR 26 gauge";

purlin_frame_connection = "Direct";
```

1.2 Show purlin geometry

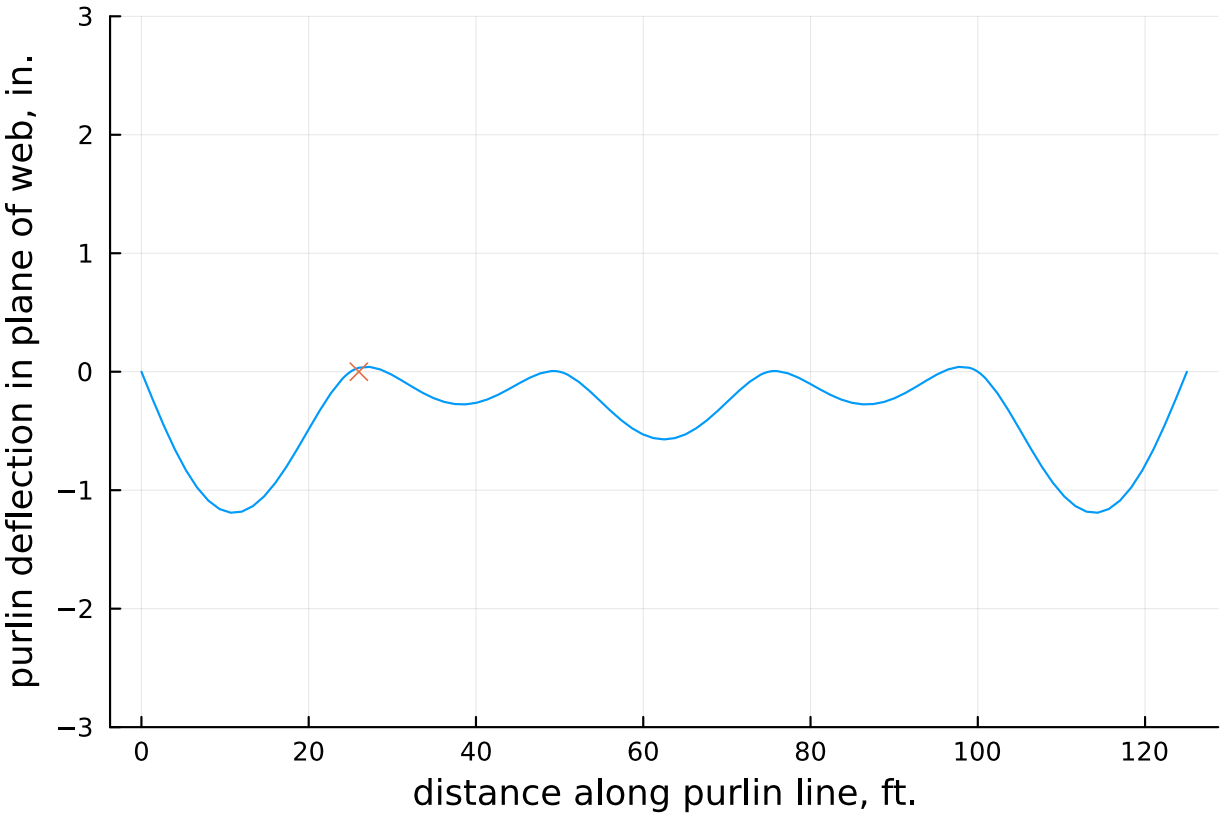


1.3 Existing roof system strength: gravity

```
round(purlin_line.applied_pressure * 1000 * 144, digits=1) * u"lbf/ft^2"
```

```
26.6 lbf ft−2
```

1.4 Existing roof system deflection and failure location: gravity



2 Roof Hugger retrofitted roof system

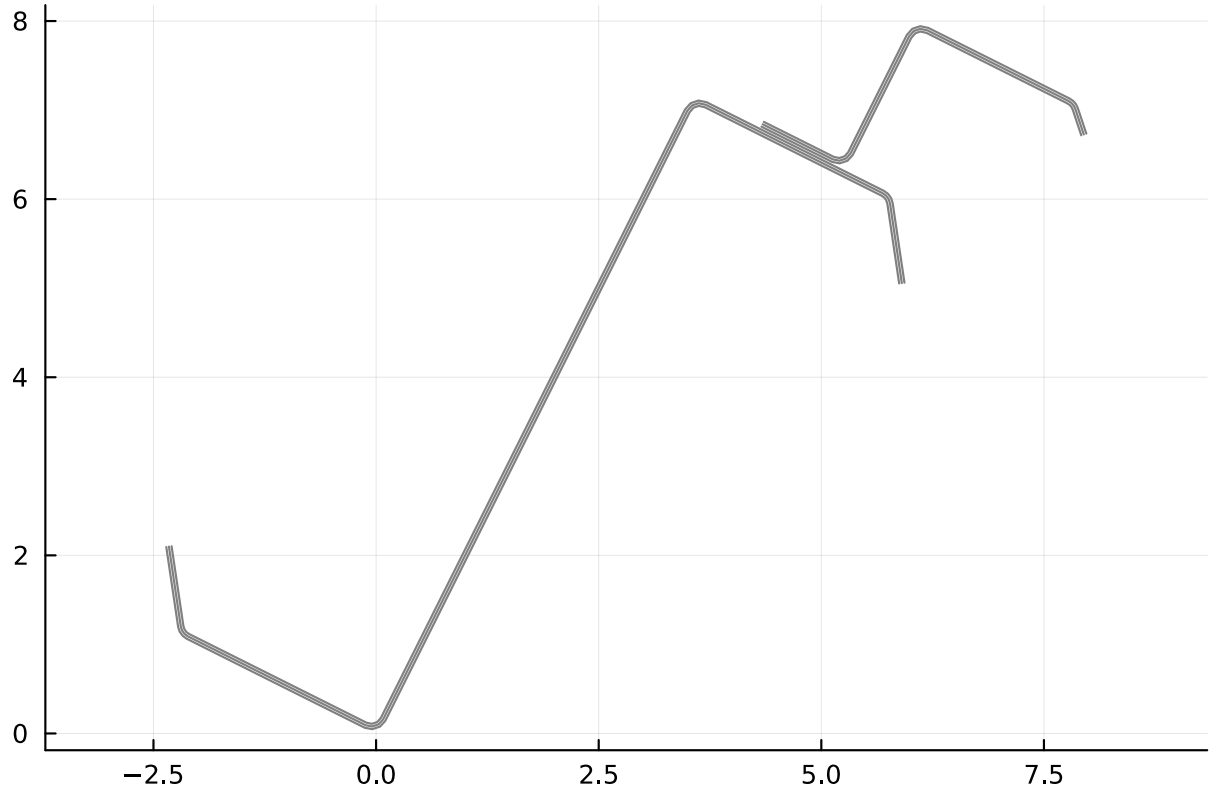
2.1 Add Roof Hugger and new roof panel

```
roof_hugger_type = "Corrufit 1.83 16g";
```

```
new_deck_type = "Trapezoidal SS 24 24 gauge";
```

```
roof_hugger_material_properties = [(29500.0, 0.30, 50.0, 65.0)]; #E, ν, Fy, Fu
```

2.2 Show purlin + Roof Hugger

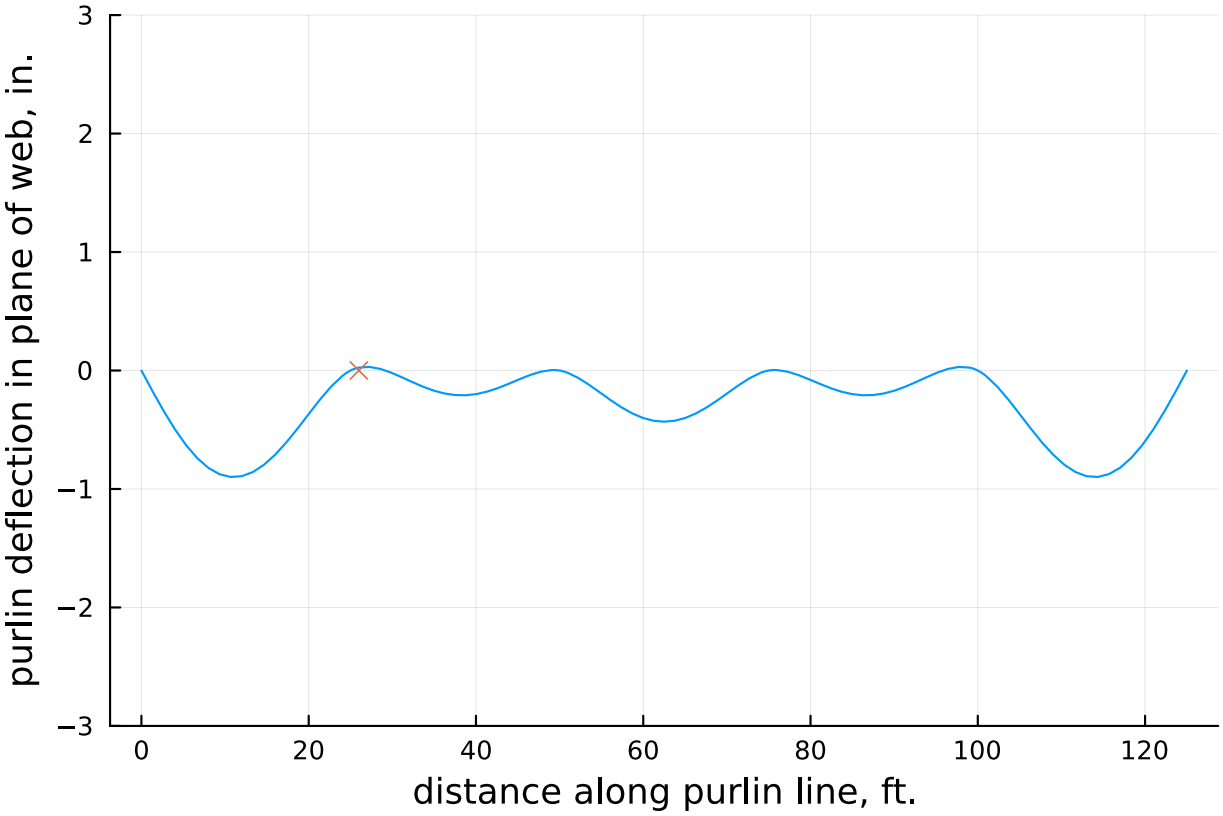


2.3 Retrofitted roof system strength: gravity

```
round(roof_hugger_purlin_line.applied_pressure * 1000 * 144, digits=1) * u"lbf/ft^2"
```

```
34.4 lbf ft−2
```

2.4 Retrofitted roof system deflection and failure location: gravity

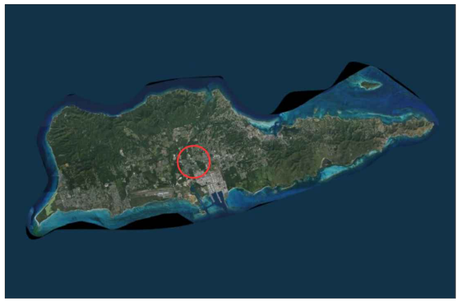


ATTACHMENT C

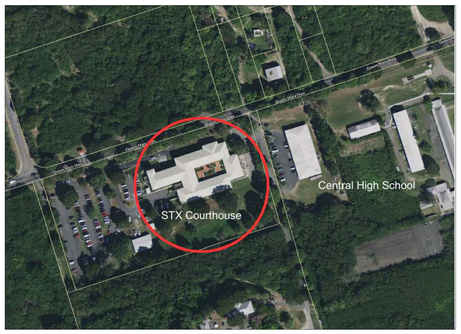
RENOVATION OF
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

PHASE II
REISSUE 12.15.2023

ISLAND MAP



SITE MAP



ARCHITECTS:
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305.665.6151 guso@bellsouth.net

GENERAL SPECIFICATIONS

1. -GENERAL REQUIREMENTS:
1.1 THE FOLLOWING SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO SUPPLEMENT THE DRAWINGS.

1.2 ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL AND LOCAL CODE AND CONVENTIONAL GUIDELINES.

1.3 ALL WORK SHALL BE PERFORMED IN THE MOST PROFESSIONAL MANNER BY MECHANICS SKILLED AND LICENSED IN THEIR RESPECTIVE TRADES.

1.4 THESE PLANS MAY BE USED UNDER SUCH CONDITIONS IN WHICH ALL APPLICABLE SAFETY LAWS, RULES AND REGULATIONS ARE BEING OBSERVED. COMPLIANCE WITH SUCH SAFETY LAWS, RULES AND REGULATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

1.5 THE ARCHITECT SHALL BE PROVIDED WITH SHOP DRAWINGS OR SAMPLES OF A CUSTOM FABRICATED ITEM PRIOR TO CONSTRUCTION. THE ARCHITECT SHALL BE CONSULTED FOR THOSE ITEMS NOT SHOWN IN THE DRAWINGS. SUBSTITUTIONS SHALL BE PERMITTED ONLY UPON WRITTEN CONSENT OF THE ARCHITECT.

1.6 WRITTEN DIMENSIONS HAVE PRECENDENCE OVER SCALED DIMENSIONS. DETAILS ON DETAIL SHEETS HAVE PRECEDENCE OVER DETAILS ON ARCHITECTURAL SHEETS.

1.7 CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES.

1.8 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, FEES, APPROVALS AND TAXES NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT, UNLESS OTHERWISE NOTED.

(SUBMITTAL PROCEDURES)
1.9 SHOP DRAWINGS:
A. PROJECTS WILL REQUIRE ONE COPY OF SHOP DRAWINGS TO BE SUBMITTED TO THE CLIENT REPRESENTATIVE, AS WELL AS USUAL SUBMITTALS TO THE DESIGN A/E. BOTH PARTIES WILL REVIEW THE SHOP DRAWINGS AND REVIEW COMMENTS WILL BE SUBMITTED TO DESIGN A/E THROUGH THE CLIENT REP.
B. LOG: A/E AND CONTRACTOR SHALL SUBMIT LOG SUBMITTALS SHOWING SPECIFICATION PARAGRAPH, CUT SHEET, DATE SENT/RECEIVED/RETURNED, DISPOSITION, AND FOLLOW UP.

1.10 CONTRACTOR IS RESPONSIBLE FOR INSTALLING ON SITE A TRAILER FOR THEIR OPERATIONS INCLUDING PORTABLE BATHROOM FACILITIES FOR THE STAFF AND CONSTRUCTION WORKERS. ALL POWER, COMMUNICATION AND INTERNET SERVICES WILL BE BORNE BY CONTRACTOR IN THESE PREMISES.

1.11 CONTRACTOR CAN DISREGARD ANY SECTION OF THE GENERAL NOTES THAT IS NOT APPLICABLE TO WORK DEFINED AND TO BE EXECUTED IN THE CONSTRUCTION DOCUMENTS.

2. - EXISTING CONDITIONS:
(DEMOLITION)
2.1 UNLESS OTHERWISE INDICATED, DEMOLITION MATERIAL BECOME CONTRACTOR'S PROPERTY. REMOVAL OF ANY CONSTRUCTION DEBRIS WILL BE BORNE BY CONTRACTOR AND DISPOSED OF IN A GVI APPROVED FACILITY ON ISLAND OR FEDERALLY APPROVED FOR ANY OFF ISLAND DEBRIS.

2.2 IF APPLICABLE, CONDUCT DEMOLITON WITHOUT DISRUPTING OWNER'S OCCUPATION OF BUILDING OR PROPERTY.

2.3 IF APPLICABLE, MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE BEFORE PROCEEDING WITH DEMOLITION, PROVIDING BY PASS CONNECTIONS TO OTHER PARTS OF BUILDING.

2.4 IF APPLICABLE, LOCATE, IDENTIFY, SHUT OFF, DISCONNECT AND CAP OFF, UTILITY SERVICE TO BE DEMOLISHED.

2.5 EMPLOY CERTIFIED, LICENSED EXTERMINATOR TO TREAT SITE AND/ OR BUILDING AND TO CONTROL RODENTS AND VERMIN.

2.6 CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDING(S) AND OR SITE IMPROVEMENTS.

2.7 IF APPLICABLE, PROVIDE AND MAINTAIN SHORING, BRACING OR STRUCTURAL SUPPORT TO PRESERVE BUILDING STABILITY AND PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE.

2.8 IF APPLICABLE, PROTECT BUILDING STRUCTURE OR INTERIOR FROM WEATHER AND WATER LEAKAGE AND DAMAGE.

2.9 IF APPLICABLE, PROTECT REMAINING WALLS, CEILINGS, FLOORS, AND EXPOSED FINISHES. ERECT AND MAINTAIN DUSTPROOF PARTITION. COVER AND PROTECT ANY REMAINING FURNITURE, FURNISHINGS AND EQUIPMENT.

2.10 IF APPLICABLE, PROMPTLY PATCH AND REPAIR HOLES AND DAMAGED SURFACES OF BUILDING CAUSED BY THE DEMOLITION. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO REMAINING ADJOINING CONSTRUCTION.

2.11 IF APPLICABLE, PROMPTLY REMOVE DEMOLISHED MATERIAL FROM SITE/ OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.

2.12 CONTRACTOR IS RESPONSIBLE FOR KEEP A CLEAN AND ORDERLY CONSTRUCTION SITE AT ALL TIMES SINCE THIS A FULLY OPERATIONAL COURTHOUSE DURING THE LIFE SPAN OF CONSTRUCTION.

(SITEWORK)
2.12 THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE EASEMENTS ARE NOT ENCROACHED AND AND SETBACKS ARE NOT ENCROACHED UPON.

2.13 ELECTRICAL POWER, TELEPHONE, WATER AND SEWER (IF APPLICABLE) SHALL BE RUN UNDERGROUND.

2.14 CONTRACTOR HAVING REMOVED ALL CONSTRUCTION DEBRIS SHALL LEAVE THE SITE UNIFORMLY GRADED, INCLUDING ALL AREAS UNDER BUILDING.

3. -CONCRETE:
3.1 MORTAR
A. MORTAR OR GROUT PLACED ON HORIZONTAL CONSTRUCTION JOINTS SHALL BE A MIXTURE OF CEMENT, SAND AND WATER IN SAME PROPORTIONS USED IN THE CONCRETE BUT WITH COARSE AGGREGATE OMITTED.
B. MORTAR USED FOR REPAIR OF CONCRETE SHALL BE MADE OF THE SAME MATERIALS USED FOR CONCRETE, EXCEPT THAT THE COARSE AGGREGATE SHALL BE OMITTED AND THE MORTAR SHALL CONSIST OF NOT MORE THAN ONE PART CEMENT TO TWO AND ONE-HALF PARTS SAND BY DAMP LOOSE VOLUMNE. THE QUANTITY OF MIXING WATER SHALL BE NO MORE THAN NECESSARY FOR HANDLING AND PLACING.

5. -METALS:
5.1 GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE TYPE 304 STAINLESS-STEEL FASTENERS FOR EXTERIOR USE AND ZINC-PLATED FASTENERS WITH COATING COMPLYING WITH ASTM B 633 OR ASTM F 1941, CLASS FE/ZN 5, AT EXTERIOR WALLS. PROVIDE STAINLESS-STELL FASTENERS FOR FASTENING ALUMIMUM. SELECT FASTENERS FOR TYPE, GRADE, AND CLASS REQUIRED.

5.2 FASTENING TO IN-PLACE CONSTRUCTION: PROVIDE ANCHORAGE DEVICES AND FASTENERS WHERE METAL FABRICATIONS ARE REQUIRED TO BE FASTENED TO IN-PLACE CONSTRUCTION. PROVIDE THREADED FASTENERS FOR USE WITH CONCRETE AND MASONRY INSERTS, TOGGLE BOLTS, THROUGH BOLTS, LAG BOLTS, WOOD SCREWS, AND OTHER CONNECTIONS.

5.3 ADJUSTING AND CLEANING
A. TOUCH UP PAINTING: CLEANING AND TOUCHUP PAINTING TO MATCH MANUFACTURER'S SPECIFICATIONS.
B. GALVANIZED SURFACES: CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS AND REPAIR GALVANIZING TO COMPLY WITH ASTM A 780

6. -WOOD & PLASTICS:
6.1 LUMBER SHALL BE THOROUGHLY SEASONED AND FREE OF WARP THAT CANNOT BE CORRECTED BY BRIDGING AND NAILING.

6.2 ALL WOOD SHOULD BE PRESSURE TREATED UNLESS OTHERWISE NOTED.

6.3 WOODWORK, WHICH IS TO BE PAINTED SHALL HAVE EXPOSED SURFACE FREE OF DEFECTS, PLYWOOD SHALL BE GRADE A AT PAINTED SURFACES.

7. -THERMAL & MOISTURE PROTECTION:
(PREPARATION)
7.1 COORDINATE METAL ROOFING W/ RAIN DRAINAGE WORK, FLASHING, TRIM, ROOF DECKING REPLACEMENT, AND OTHER ADJOINING WORK TO PROVIDE A PERMANENTLY LEAK PROOF, SECURE, AND NONCORROSIVE INSTALLATION.

(INSTALLATION OF METAL ROOFING)
7.2 ANCHOR UNITS OF WORK SECURELY IN PLACE BY METHODS INDICATED ON DRAWINGS AND MANUFACTURER'S SPECIFICATIONS, PROVIDING FOR THERMAL EXPANSION OF METAL UNITS, CONCEAL FASTERNERS WHERE POSSIBLE, AND SET UNITS TRUE TO LINE AND LEVEL AS INDICATED. INSTALL WORK WITH LAPS, JOINTS AND SEAMS THAT WILL BE PERMANENTLY WATERTIGHT AND WEATHERPROOF.

(WARRANTY)
7.3 THE MANUFACTURER SHALL PROVIDE A MINIMUM 20 YEAR WARRANTY FOR METAL ROOFING SELECTED FOR JOB.

(INSTALLATION OF ELASTOMERIC COATING)
7.4 PREPARE SURFACES FOR COATING APPLICATION AND INSTALL COATINGS AS PER MANUFACTURER'S SPECIFICATIONS.

9. - FINISHES:
(PAINTING)
9.1 SURFACES TO BE PAINTED SHALL BE FILLED AND SANDED AS REQUIRED TO REMOVE VISIBLE BLEMISHES.

9.2 OBTAIN BLOCK FILLERS, PRIMERS AND UNDERCOAT MATERIAL FOR EACH COATING SYSTEM FROM SAME MANUFACTURER AS THE FINISH COATS.

9.3 PAINT ALL EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED.

9.4 DO NOT PAINT PREFINISHED ITEMS, FINISHED METAL SURFACES, OPERATING PARTS, LABELS AND MATERIALS OBVIOUSLY INTENDED TO BE LEFT EXPOSED.

9.5 COMPLY WITH PAINT MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SURFACE PREPARATION, ENVIRONMENTAL AND SUBSTRATE CONDITIONS, PRODUCT MIXING AND APPLICATION.

9.6 EXTERIOR PAINT SCHEDULE AS FOLLOWS:

A. CONCRETE, STUCCO AND MASONRY:
- EGGSHELL/LOW LUSTER ACRYLIC LATEX PAINT: 2 COATS OVER PRIMER. BRAND - SHERWIN WILLIAMS EXTERIOR GRADE OR APPROVED EQUAL.

B. SMOOTH WOOD:
- EGGSHELL/ LOW LUSTER ACRYLIC LATEX PAINT: 2 COATS OVER PRIMER. BRAND- SHERWIN WILLIAMS EXTERIOR GRADE OR APPROVED EQUAL.

C. WOOD SHAKES AND ROUGH SIDING:
- FLAT ALKYD: 2 COATS ALKYD/ OIL STAIN.

D. PLYWOOD:
- EGGSHELL/ LOW LUSTER ACRYLIC: 2 COATS OVER PRIMER. BRAND- SHERWIN WILLIAMS EXTERIOR GRADE OR APPROVED EQUAL.

E. WOOD TRIM:
- EGGSHELL/ LOW LUSTER ACRYLIC LATEX PAINT: 2 COATS OVER PRIMER. BRAND SHERWIN WILLIAMS EXTERIOR GRADE OR APPROVED EQUAL.

F. FERROUS METAL:
- SEMI-GLOSS ENAMEL/ OIL: 2 COATS OVER RUST-INHIBITIVE PRIMER. BRAND TO BE APPROVED BY ARCHITECT.

G. ALUMINUM:
- SEMI-GLOSS ENAMEL/OIL: 2 COATS OVER PRIMER. BRAND BY ARCHITECT.

9.8 IF APPLICABLE, PROTECT BUILDING STRUCTURE OR INTERIOR FROM WEATHER AND WATER LEAKAGE AND DAMAGE.

(INTERIOR FINISHES)
9.9 DRYWALL MATERIAL SHALL BE $\frac{5}{8}$" FOR WALLS AND $\frac{5}{8}$" FOR CEILINGS ON USG DRYWALL SUSPENSION SYSTEM UNLESS OTHERWISE INDICATED. DRYWALL AT BATHROOMS, GARAGES, AND EXTERIOR SOFFITS SHALL BE MOISTURE RESISTANT GREEN BOARD OR DUROCK. DRYWALL SHALL BE FIRE RATED AS SPECIFIED IN THE APPLICABLE CODES.

9.10 FLOOR FINISHES SHALL BE AS NOTED IN SCHEDULES. ARCHITECT SHOULD APPROVE TEXTURE & COLOR PRIOR TO THE EXECUTION OF THE WORK. CLEARANCES SHALL ALLOW FOR VARIOUS MATERIAL THICKNESSES. APPLY CLEAR SEALER TO CLEAN TILE FLOORING ACCORDING TO SEALER MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALL AND FINISH FLOORS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

9.11 EXTERIOR STUCCO FINISH SHALL CONSIST OF A SCRATCH COAT AND SMOOTH FINISH WITHIN 12 HOURS DRYING INTERVALS. ALL CORNERS SHALL BE APPLIED AGAINST WOOD RULERS. TEST SAMPLE SHOULD BE MADE FOR APPROVAL BY ARCHITECT PRIOR TO EXECUTION OF WORK. NO POPCORN FINISHES ARE ALLOWED ON EXTERIOR OR INTERIOR SURFACES.

9.12 IF APPLICABLE, EXISTING FINISHES, WHEN BROKEN OR JOINTED WITH NEW CONSTRUCTION, SHALL BE PATCHED TO MATCH ADJACENT SURFACES.

10.0 SIGNAGE:

10.1 SIGNAGE - NEW OFFICES, ROOMS, LOUNGES, BATHROOMS, ETC. REQUIRING SIGNAGE, ALL SIGNAGE MUST BE IN COMPLIANCE W/ INDUSTRY STANDARDS AS WELL AS ADA REQUIREMENTS.

15. -MECHANICAL/PLUMBING:
15.1 THESE ARE THE BASIC REQUIREMENTS FOR MECHANICAL/PLUMBING RETROFIT INSTALLATIONS AND INCLUDES REQUIREMENTS COMMON TO MORE THAN ONE SECTION OF DIVISION 15. IT EXPANDS AND SUPPLEMENTS THE REQUIREMENTS SPECIFIED IN SECTIONS OF DIVISION 1.

15.2 PRIOR TO WORK COMMENCING, EXISTING HVAC SYSTEMS SHOULD BE INSPECTED AND VERIFIED TO BE OPERATING AT DESIGNED CAPACITY.

15.3 VERIFY EXISTING EQUIPMENT, COMPONENTS, PIPING, DUCTWORK AND ELECTRICAL CONNECTIONS ARE IN OPTIMUM AND FUNCTIONING CAPACITY AS PER MANUFACTURER'S SPECIFICATIONS. ANY DAMAGED OR NON-CODE COMPLIANT ITEMS MUST BE UPGRADED TO MEET CURRENT MECHANICAL/PLUMBING/ELECTRICAL CODE REQUIREMENTS.

15.4 ALL HVAC CONDENSATE LINES TO HAVE REQUIRED INSULATION AND CASE COVERS FOR CLEAN AND PROFESSIONAL INSTALLATION.

15.5 HORIZONTAL PIPELINES SHALL HAVE THE FOLLOWING SLOPES, UNLESS OTHERWISE DERIVED FROM SITE CONDITIONS WHICH MUST PROVIDED TO A/E.
A. ALL WATER SUPPLY AND WATER DISTRIBUTION: .2% TO .5%.
B. SOIL, RAIN WATER DRAINS: 1% TO 2%.

(PIPING SYSTEMS TESTING, ADJUSTING & BALANCING)

15.6 EACH SYSTEM (WATER, CONDENSATE) SHALL BE FLUSHED, CHECKED FOR LEAKS, CORROSION INHIBITORS ADDED WHERE APPLICABLE, DISINFECTED FOR DOMESTIC WATER AND OTHERWISE MADE READY FOR ACCEPTANCE. NOTICE OF SUCH TEST WILL BE PROVIDED TO CLIENT AND A/E.

15.7 ALL HVAC PRESSURE TESTS SHALL BE PERFORMED USING CERTIFIED GAUGE WHICH HAS BEEN APPROVED FOR USE BY THE FACILITY'S MANAGER.

15.8 HVAC PRESSURE TESTING NEEDS TO BE CONDUCTED ON THE EXISTING SYSTEM FOR THE ENTIRE BUILDING TO ENSURE RELOCATION OF HVAC EQUIPMENT FUNCTIONS PROPERLY AND AS PER WARRANTY.

(AIR SYSTEMS TESTING, ADJUSTING & BALANCING)
15.9 ALL AIR DISTRIBUTION SYSTEMS SHALL BE BALANCED THROUGHOUT BUILDING.

15.10 PROVIDE VERIFICATION THAT SYSTEMS IS OPERATING AT 50% TO 75% OF CAPACITY AS DESIGNED FOR BUILDING.

16. -ELECTRICAL:
16.1 THESE ARE THE BASIC REQUIREMENTS FOR ELECTRICAL INSTALLATIONS AND INCLUDES REQUIREMENTS COMMON TO MORE THAN ONE SECTION OF DIVISION 16. IT EXPANDS AND SUPPLEMENTS THE REQUIREMENTS SPECIFIED IN SECTIONS OF DIVISION 1.

(ROUGH-IN)
16.2 VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPEMENT TO BE CONNECTED.V

16.3 COORDINATE ELECTRICAL EQUIPMENT AND MATERIALS INSTALLATION WITH BUILDING COMPONENTS.

16.4 VERIFY ALL DIMENSIONS IN FIELD.

16.5 SEQUENCE, COORDINATE, AND INTEGRATE INSTALLATIONS OF ELECTRICAL MATERIALS AND EQUIPMENT FOR EFFICIENT FLOW OF WORK.

16.6 INSTALL ELECTRICAL EQUIPMENT TO FACILITATE MAINTENANCE AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.

16.7 COORDINATE THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT WITH OTHER TRADES.

16.8 COORDINATE CONNECTION OF ELECTRICAL SYSTEMS WITH EXISTING UNDERGROUND UTILITIES AND SERVICES. COMPLY WITH REQUIREMENTS OF GOVERNING REGULATIONS, SERVICE COMPANIES, AND CONTROLLING AGENCIES. OBTAIN ALL NECESSARY PERMITS LOCAL JURISDICTION, SERVICE COMPANIES AND CONTROLLING AGENCIES. FROM AND SERVICES.

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NOTES:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - GENERAL NOTES

GN-1

SCALE: AS NOTED | DWN BY: G.L | CHKD BY: G.L.

DWG NAME:

SEAL:

NOTES:

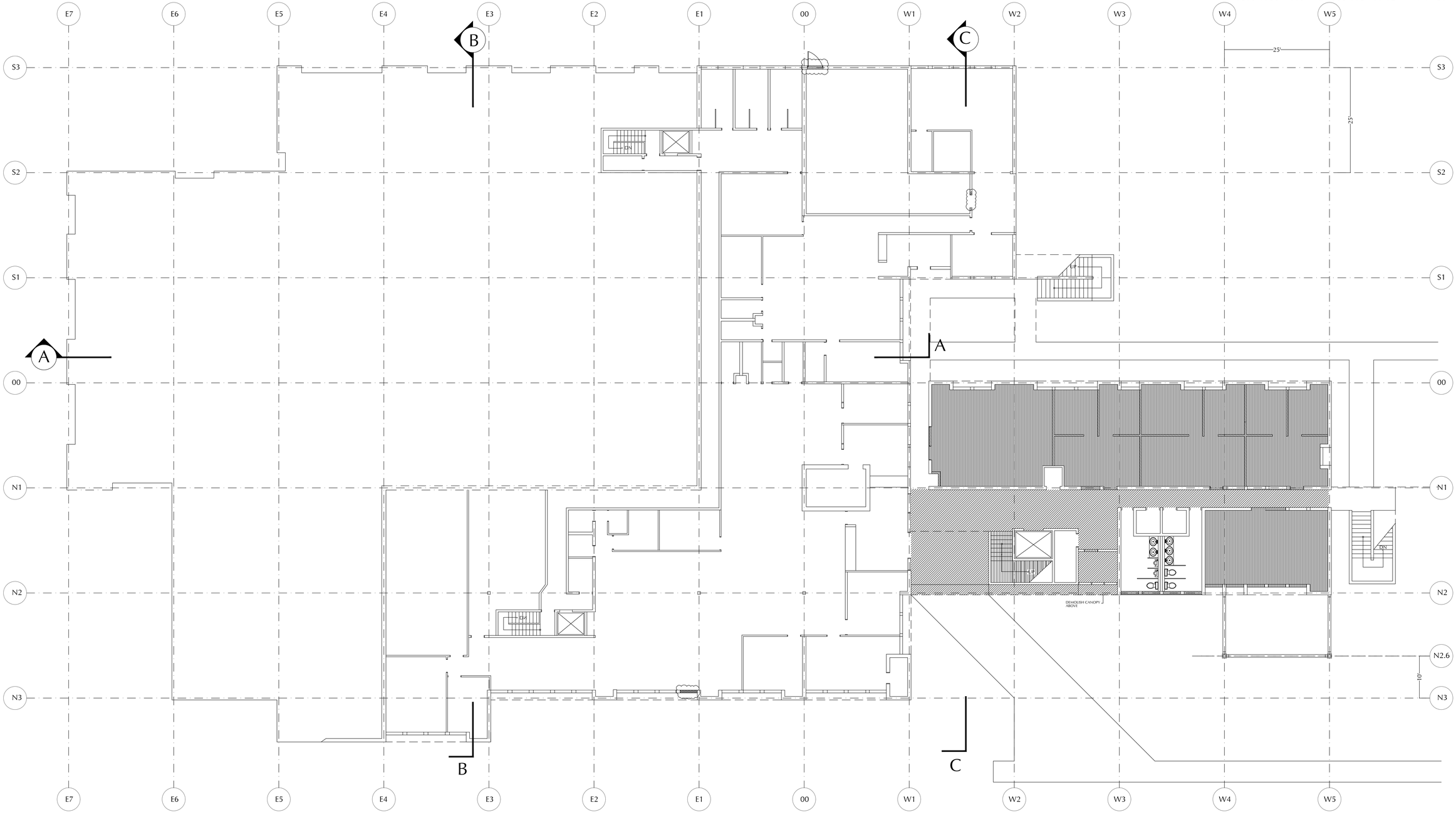
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. SCOPE OF WORK: PHASE 2B & 2C

LEGEND

AREA OF FLOOR TILE DEMOLITION WORK (TYP.)
FLOOR AREA: 1441 S.F.
BASEBOARD LINEAL FT: 320 L.F. NOTE:
PHASE 2B

AREA OF INTERIOR WALL PARTITION, CEILING, VINYL TILE & BASEBOARD DEMOLITION
FLOOR AREA: 2830 S.F.
PHASE 2C

WALL SECTION OR WINDOW UNIT TO BE DEMOLISHED (TYP.)
NOTE: PHASE 2B



1 EXISTING/DEMOLITION GROUND FLOOR PLAN

1/8" = 1' - 0"

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARIAS, LLC
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LANIO & ASSOCIATES ARCHITECTS, INC.

2154 QUEEN STREET, CHRISTIANSTED
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DATE:

NOTES:

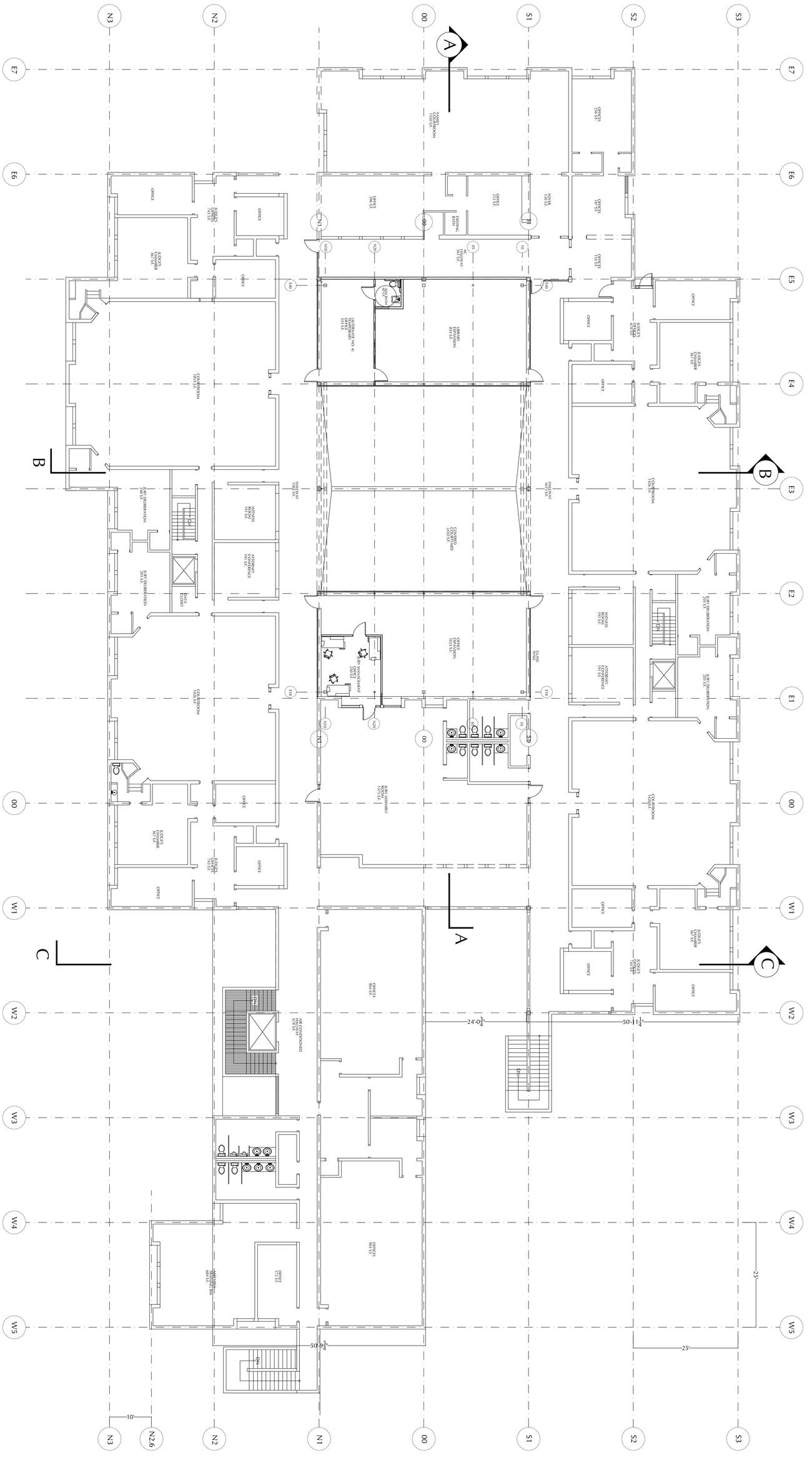
NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2- EXISTING/ DEMOLITION GROUND FLOOR PLAN

CHKD BY: GL | DWN BY: GL | SCALE: AS NOTED | DWG.NUM.

D-1

SEAL:



NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.

LEGEND

▨ WALL SECTION OR WINDOW UNIT TO BE DEMOLISHED (TYP.)
NOTE: PHASE 2B

1 EXISTING/DEMOLITION UPPER FLOOR PLAN
1/8" = 1' - 0"

PROJECT TITLE:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
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340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NO.	REVISIONS	DATE:	NOTES:
1	BID SET		
2	BID PACKAGE REISSUE	12.15.2023	

DRAWING TITLE:
PHASE 2 - EXISTING/ DEMOLITION UPPER FLOOR PLAN

SCALE: AS NOTED
DWN BY: GL
CHKD BY: G.L.

D-1.1

DWG NAME:

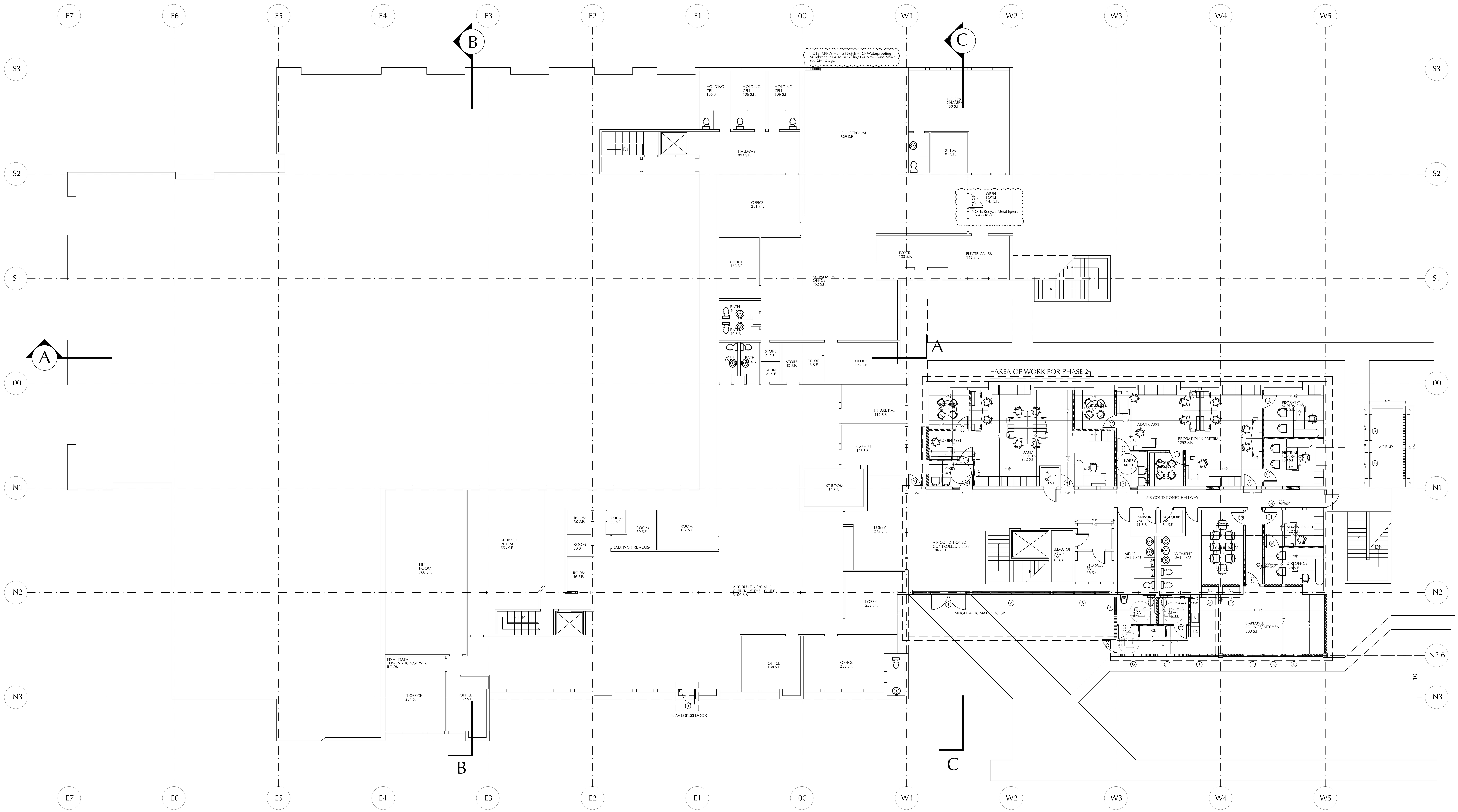
SEAL:

NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. THIS SCOPE OF WORK IS PHASE 2C EXCEPT FOR THE NEW AC ENCLOSURE.

LEGEND

- 8" MTL. STUD 16" O.C. W/ 5/8 DUROCK EA. SIDE TEXTURE ON EXTERIOR TO MATCH EXIST. STRUCTURE FIN./SMOOTH FIN. ON ALL INTERIORS (TYP.)
- 6" MTL. STUD 16" O.C. W/ 5/8 DUROCK EA. SIDE TEXTURE TO MATCH EXIST. STRUCTURE FIN. (TYP.)
- 4" MTL. STUD 16" O.C. W/ 5/8 DUROCK EA. SIDE TEXTURE TO MATCH EXIST. STRUCTURE FIN. (TYP.)
- 8" C.M.U. W/ 1/2" SMOOTH PLASTER EA. SIDE OF WALL (TYP.)



1 PROPOSED PHASE 2 GROUND FLOOR PLAN

1/8" = 1' - 0"

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

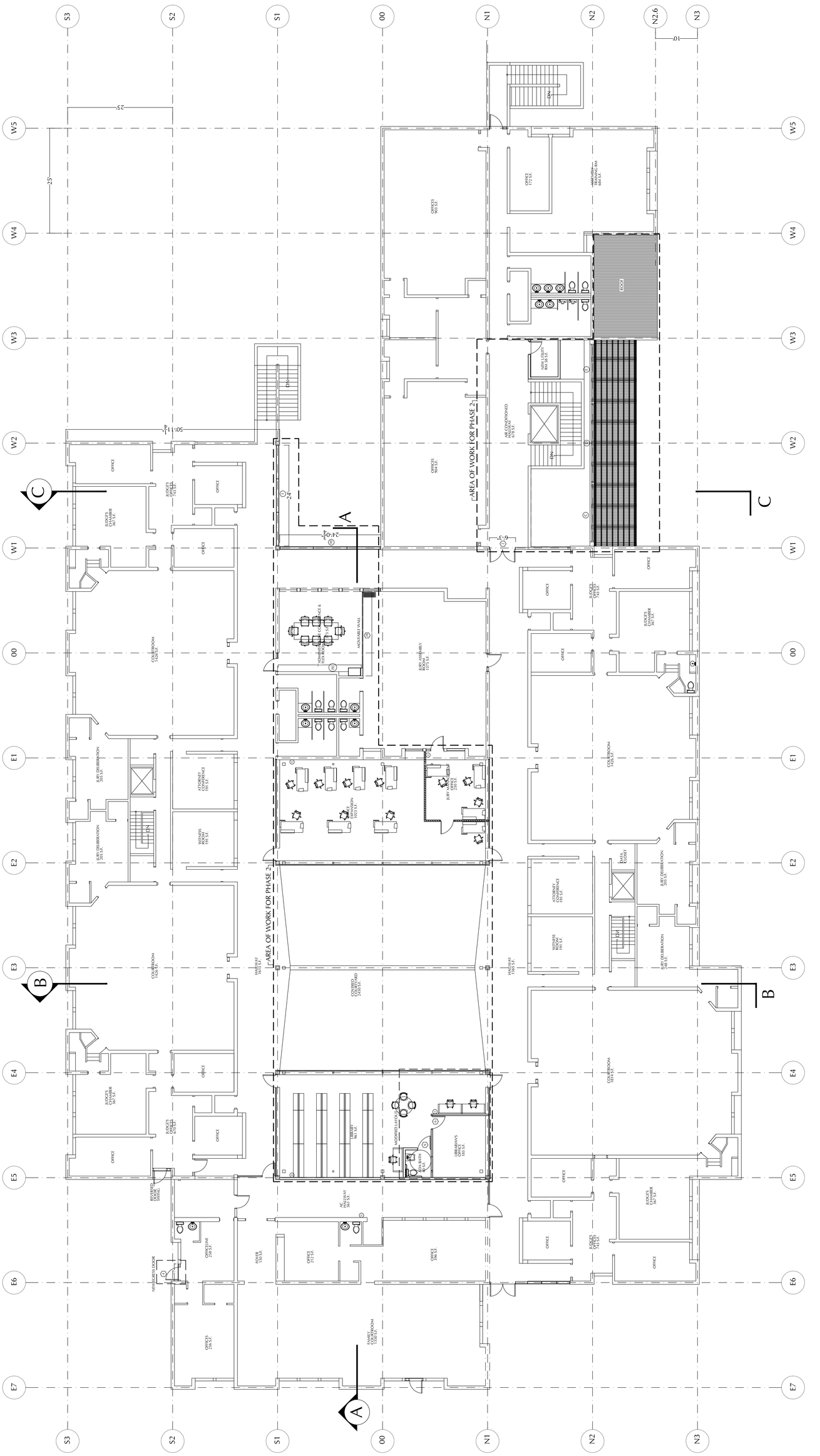
NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - GROUND FLOOR PLAN

SCALE: AS NOTED | DWN BY: | CHKD BY:

DWG NAME:
A-1

SEAL:



NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. SCOPE OF WORK PHASE 2 & PHASE 2B
FOR ADMINISTRATIVE CONFERENCE & FLEX SPACE.

LEGEND

▨ 6" MTL. STUD WALL W/ 5/8" DUROCK W/ 1/2" SMOOTH PLAST. EA. SIDE (TYP.)

▨ 4" MTL. STUD WALL WALL W/ 5/8" DUROCK W/ 1/2" SMOOTH PLAST. EA. SIDE (TYP.)

(FE) 10 LB. COMMERCIAL GRADE FIRE EXSTINGUISHER

1 PROPOSED PHASE 2 UPPER FLOOR PLAN

1/8" = 1' - 0"

PROJECT:

PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:

TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:

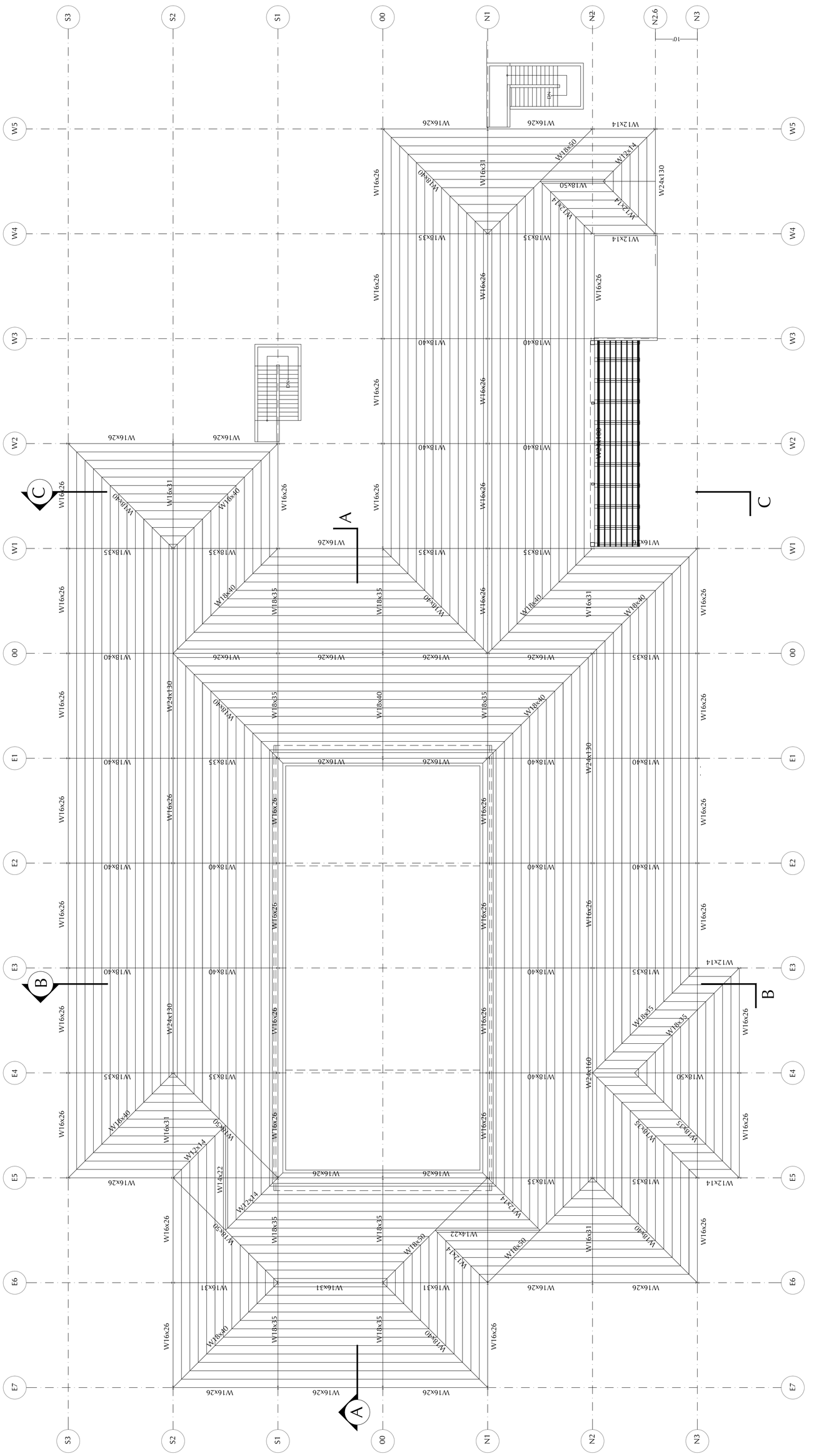
PHASE 2 - UPPER FLOOR PLAN

SCALE: AS NOTED
DWN BY:
CHKD BY:

A-1.1

DWG NAME:

SEAL:



LEGEND:

10Z12 w/ 3 1/2" FLANGE PURLIN

NOTES:

1.- ALL DIMENSIONS TO BE FIELD VERIFIED
2.- COORDINATE WORK WITH ALL TRADES.
3. ALL NEW GALVALUME ROOFING TO BE INSTALLED AS PER MANUFACTURER'S SPECS. INSTALL ON REQUISITE PURLINS OVER SILVRBOARD INSULATION BARRIER TAPED AS PER MAN. INSTRUCT. ON 3/4" PLY. WD. SUBSTRATE (TYP.).
4. SCOPE OF WORK PHASE 2.

1 NEW ROOF FRAMING PLAN
1/8" = 1' - 0"

PROJECT:

PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:

TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.

20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:

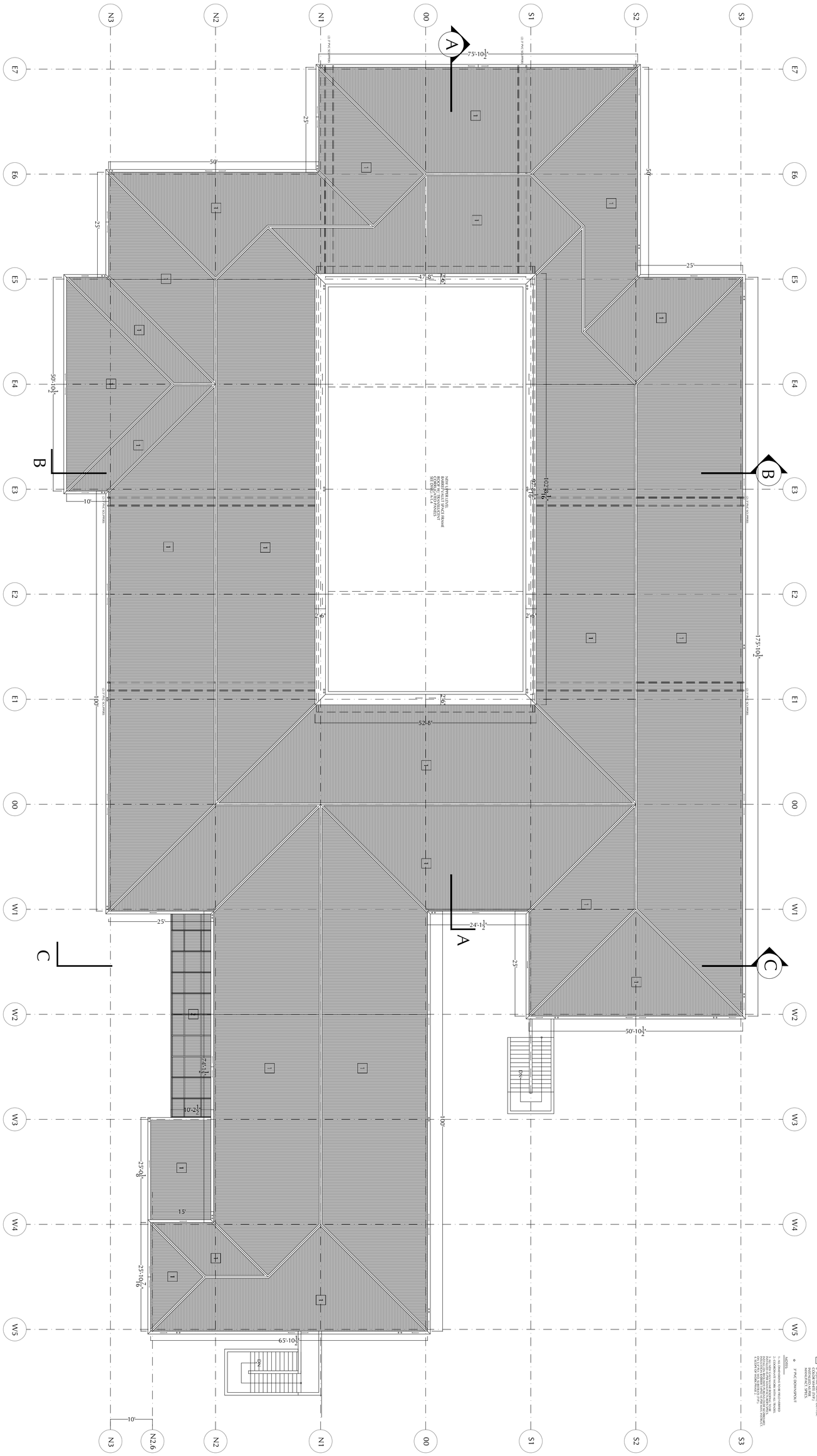
PHASE 2 - PROPOSED ROOF FRAMING PLAN

SCALE: AS NOTED
DWN BY:
CHKD BY:

A-1.2

DWG NAME:

SEAL:



1 PROPOSED ROOF PLAN
1/8" = 1'-0"

SEAL:

A-1.3

DRAWING TITLE:
PHASE 2 - PROPOSED ROOFING PLAN

DWG. NAME:
SCALE: AS NOTED
DWN BY:
CHKD BY:

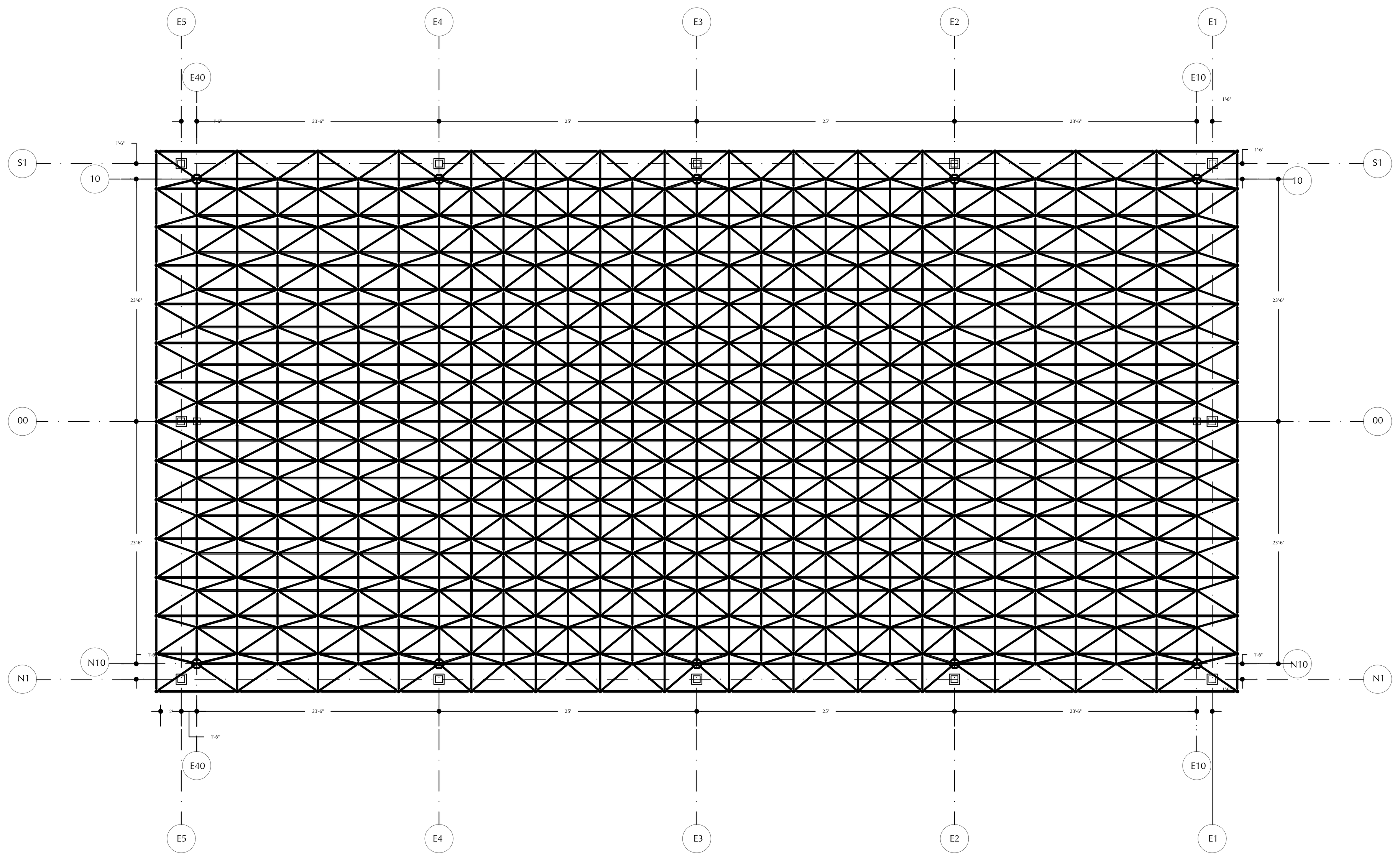
NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

ENGINEERING CONSULTANT:

NOTES:

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850



1 PROPOSED SPACE FRAME SYSTEM PLAN
1/8" = 1' - 0"

LEGEND:

1 DSI SPACE FRAME W/ PURLIN FRAME TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS

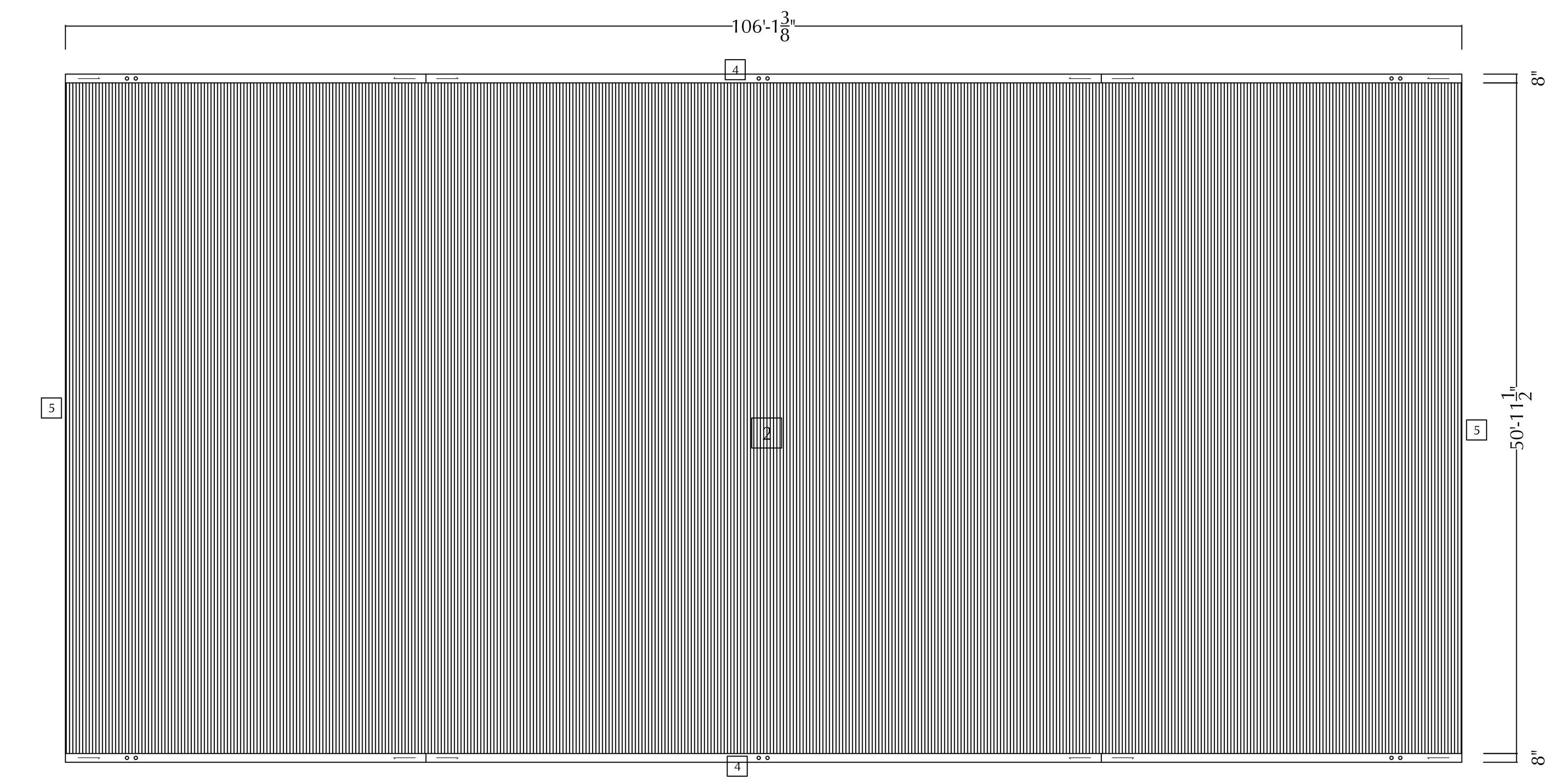
NOTES:

1.- ALL DIMENSIONS TO BE FIELD VERIFIED

2.- COORDINATE WORK WITH ALL TRADES.

3. PROVIDE SHOP DRAWINGS TO MATCH EXISTING STEEL STRUCTURAL COLUMNS ON SITE. (TYP.)

4. SCOPE OF WORK PHASE 2.



2 PROPOSED SPACE FRAME ROOF PLAN
1/8" = 1' - 0"

LEGEND:

2 2.8 MM PALRAM TRANSLUCENT SUNTUF GH PANEL - SOLAR ICE

4 3/4" PLY. WD. FASCIA BD. W/ ELASTOMERIC COATING & MTL. FLASHING - COLOR: WHITE & 8" SQUARE K&M MTL. GUTTER: COLOR WHITE INSTALLED AS PER MANUFACT. SPECS.

5 3/4" PLY. WD. FASCIA BD. W/ ELASTOMERIC COATING & METAL FLASHING - COLOR: WHITE. INSTALLED AS PER MANUFACT. SPECS.

o 3" PVC DOWNSPOUT

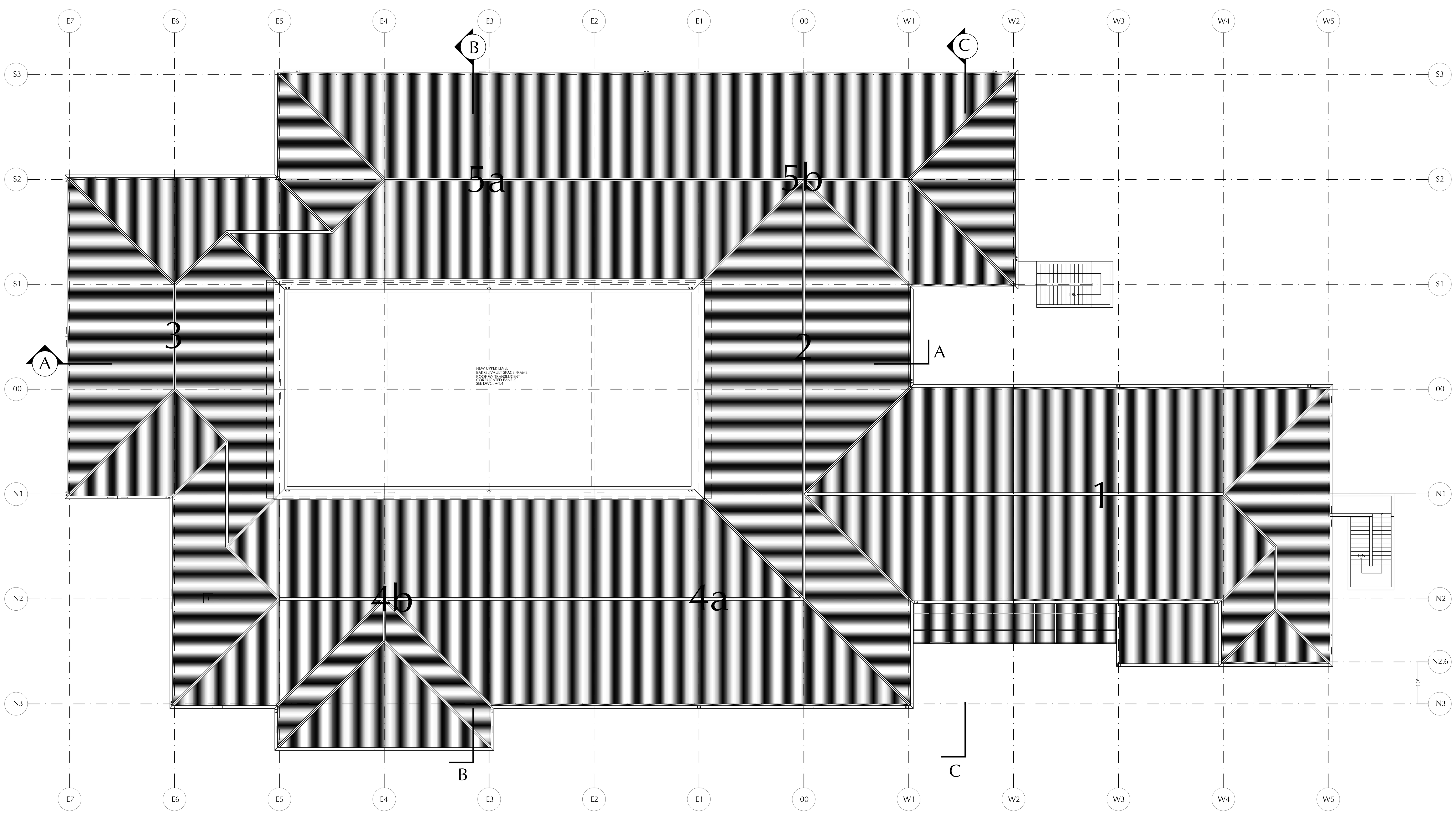
NOTES:

1.- ALL DIMENSIONS TO BE FIELD VERIFIED

2.- COORDINATE WORK WITH ALL TRADES.

3. ALL NEW PALRAM BH TRANSLUCENT PANELS TO BE INSTALLED AS PER MANUFACTURER'S SPECS. INSTALL ON PURLINS SYSTEM AS PER STRUCTURAL DWGS. (TYP.)

4. SCOPE OF WORK PHASE 2.



3 ROOF REPLACEMENT SEQUENCING PLAN
3/32" = 1' - 0"

LEGEND:

GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DESIGNATED SEQUENCING FOR ROOF REMOVAL AND INSTALLATION THAT MINIMALLY AFFECTS COURT OPERATIONS.
4. EACH SECTION OF ROOF REMOVED MUST BE REPLACED AND SEALED IMMEDIATEDLY AFTER NEW Z CHANNEL PURLINS ARE INSTALLED WITH PLY. WD. SUBSTRATE THAT IS ELASTOMERIC SEALED TO PREVENT WATER INFILTRATION.
5. DURING PERIOD THAT ROOF IS OPEN & EXPOSED, CONTRACTOR IS RESPONSIBLE TO INSPECT ALL EXISTING PIPING, ELECTRICAL WIRING, CONDUITS AND SYSTEMS EXISTING IN ROOF PLENUM. CLIENT/ARCHITECT MUST BE INFORMED IF ANY SYSTEMS ARE SUBSTANDARD OR NON-CODE COMPLIANT BEFORE ROOFING IS RESEALED. CONTRACTOR WILL BE INSTRUCTED AS TO REPAIRS TO BRING SYSTEMS UP TO CODE COMPLIANCE.
6. SCOPE OF WORK PHASE 2.

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - PROPOSED SPACE FRAME & ROOFING PLAN & MAIN ROOF INSTALLATION SEQUENCING PLAN

SCALE: AS NOTED DWN BY: CHKD BY:

A-1.4

DWG NAME:

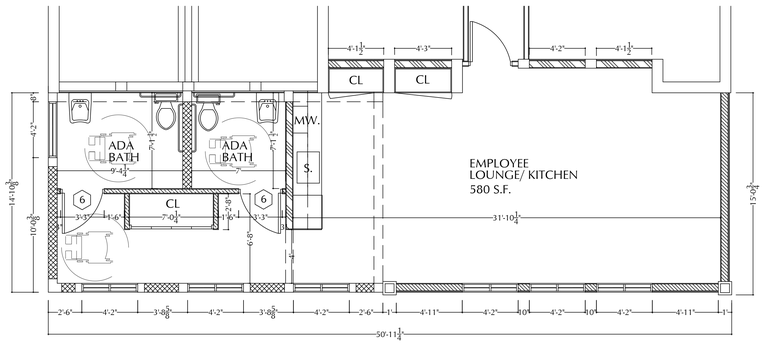
SEAL:

NOTES:

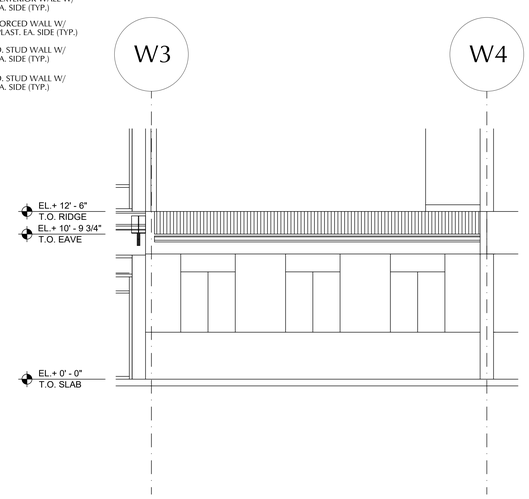
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. THIS SCOPE OF WORK IS FOR PHASE 2C.

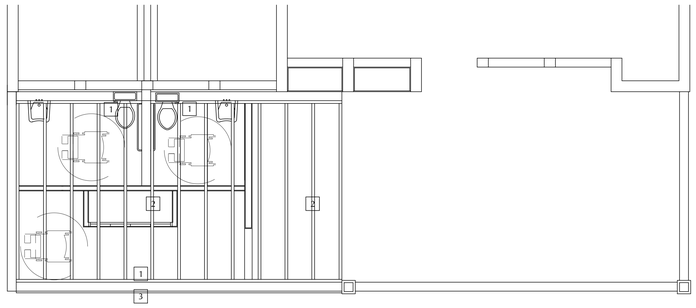
LEGEND

- 2x6 MTL. STUD EXTERIOR WALL W/ 5/8" DUROCK EA. SIDE (TYP.)
- 8" C.M.U. REINFORCED WALL W/ 1/2" SMOOTH PLAST. EA. SIDE (TYP.)
- 2x6 WOLM. WD. STUD WALL W/ 5/8" DUROCK EA. SIDE (TYP.)
- 2x4 WOLM. WD. STUD WALL W/ 5/8" DUROCK EA. SIDE (TYP.)



1 PROPOSED LOUNGE & ADA BATHROOM ADDITION
1/4" = 1' - 0"





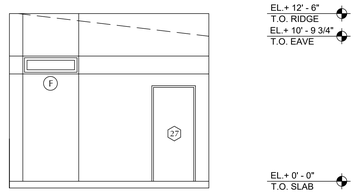
2 LOUNGE & BATHROOM ADDITION
ROOF FRAMING PLAN
1/4" = 1' - 0"

LEGEND:

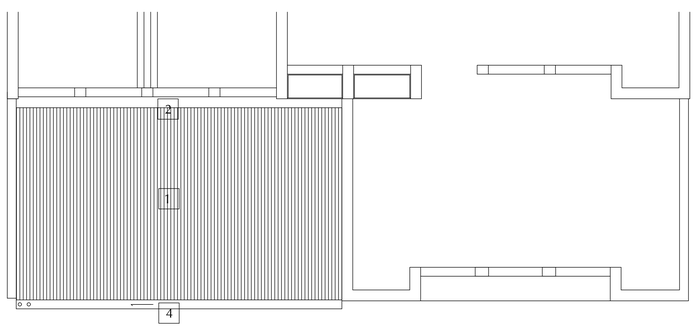
1. 3 x 8 PLATE BEAM & HEADER (TYP.)
2. 3 X 8 JACK RAFTER @ 2'-0" O.C. (TYP.) W/ (2) 2 X 6 COLLAR TIES @ 4'-0" O.C. (TYP.)
3. 1 X 8 FASCIA BD. W/ 8" MTL. GUTTER: COLOR WHITE (TYP.)

NOTES:

1.- ALL DIMENSIONS TO BE FIELD VERIFIED.
2.- COORDINATE ALL WORK WITH TRADES.



4 LOUNGE & BATHROOM ADDITION
EAST & NORTH ELEVATIONS
1/4" = 1' - 0"



3 LOUNGE & BATHROOM ADDITION
ROOF PLAN
1/4" = 1' - 0"

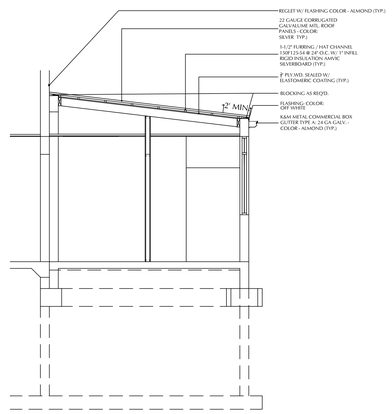
LEGEND:

1. 22 GAUGE GALVALUME MTL. ROOF PANEL: COLOR - SILVER
2. 22 GAUGE MTL. FLASHING: COLOR - SILVER
3. 1 X 6 FASCIA BD. W/ 8" SQUARE K&M MTL. GUTTER: COLOR WHITE (TYP.) INSTALLED AS PER MANUFACT. SPECS.

○ 3" PVC DOWNSPOUT

NOTES:

1.- ALL DIMENSIONS TO BE FIELD VERIFIED
2.- COORDINATE WORK WITH ALL TRADES.
3. ALL NEW GALVALUME ROOFING TO BE INSTALLED AS PER MANUFACTURER'S SPECS. INSTALL ON REQUISITE PURLINS OVER SILVERBOARD INSULATION BARRIER TAPED AS PER MAN. INSTRUCT. ON 3/4" PLY. WD. SUBSTRATE (TYP.).



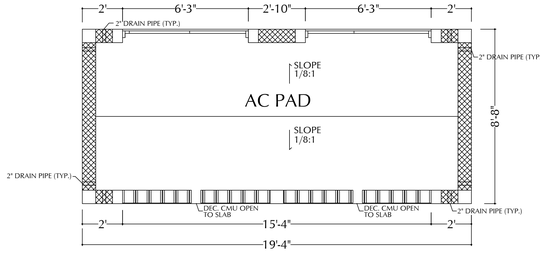
5 LOUNGE & BATHROOM ADDITION
SECTION
1/4" = 1' - 0"

NOTES:

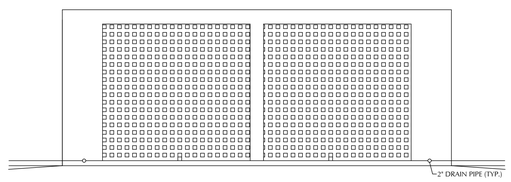
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. NEW CONC. AC PAD FIN. FLOOR IS A BROOM FINISH SLOPED AS INDICATED.
3. THIS SCOPE OF WORK IS FOR PHASE 2.

LEGEND

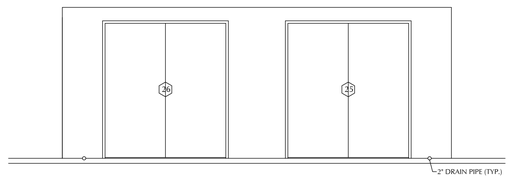
- 8" C.M.U. REINFORCED WALL W/ 1/2" SMOOTH PLAST. EA. SIDE (TYP.)
- 8" SQUARE DECORATIVE BLOCK W/ MESH EA. COURSE (TYP.)



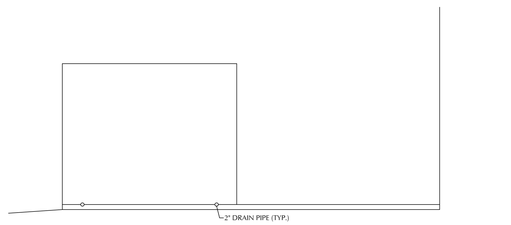
6 AC COND. PAD FLOOR PLAN
3/8" = 1' - 0"



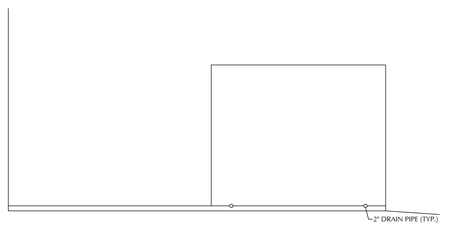
7 WEST ELEVATION
3/8" = 1' - 0"



8 EAST ELEVATION
3/8" = 1' - 0"



9 SOUTH ELEVATION
3/8" = 1' - 0"



10 NORTH ELEVATION
3/8" = 1' - 0"

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
2BA QUEEN STREET, CHRISTIANSTED
U.S.V.I. 00820-4610
340.779.3939 INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

DATE: 12.15.2023

REVISIONS

NO.	
1	BID SET
2	BID PACKAGE REISSUE

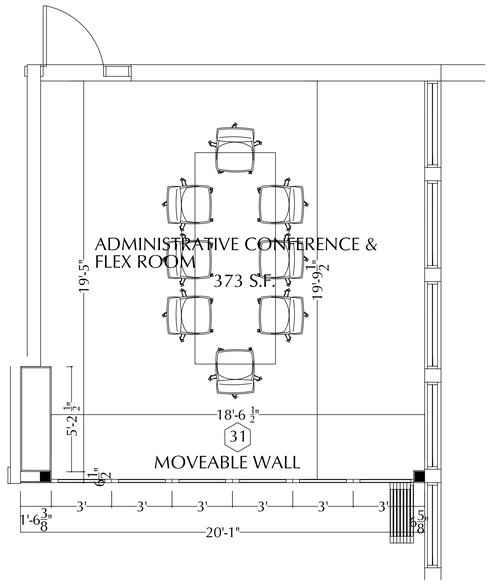
DRAWING TITLE:
PHASE 2: PROPOSED EMPLOYEE LOUNGE/KITCHEN & BATHROOM ADD. & AC PAD STRUCTURE

SCALE: AS NOTED | DWN BY: | CHKD BY:

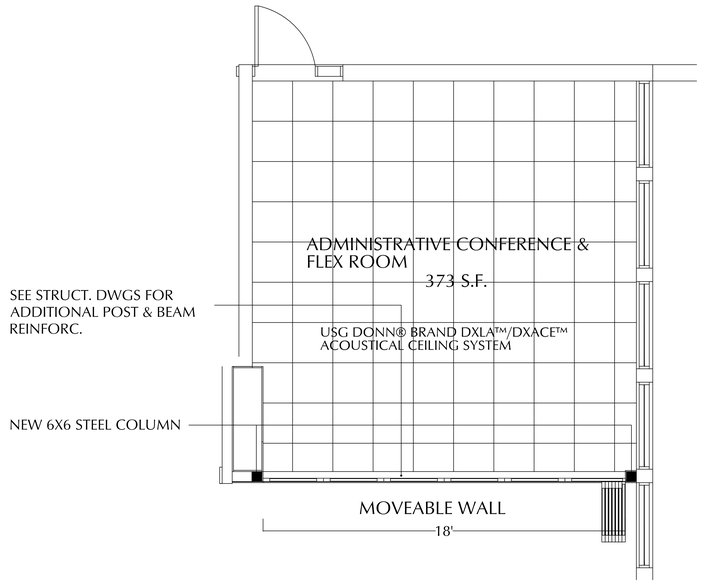
A-1.5

DWG.NAME

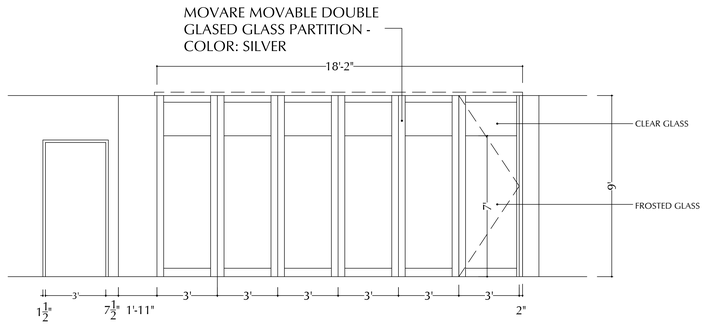
SEAL:



1 MOVEABLE DIVIDER FLOOR PLAN
1/4" = 1' - 0"



2 MOVEABLE DIVIDER REFLECTED CEILING PLAN
1/4" = 1' - 0"



3 ELEVATION
1/4" = 1' - 0"

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

NOTES:

ARCHITECTURE:
TALLER LARIAS, LLC
A LIMITED LIABILITY COMPANY
LANIO & ASSOCIATES ARCHITECTS, INC.
2D-A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.1039 | INFO@TALLERLARIAS.COM

CONSULTANT:
ENGINEERING CONSULTANTS

NO.	REVISIONS	DATE:
1	BID PACKAGE RESPONSE	10.13.2023
2	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - PROPOSED
ADMIN. CONFERENCE
RM & FLEX SPACE

SCALE: AS NOTED | DRAWN BY: | CHKD BY:

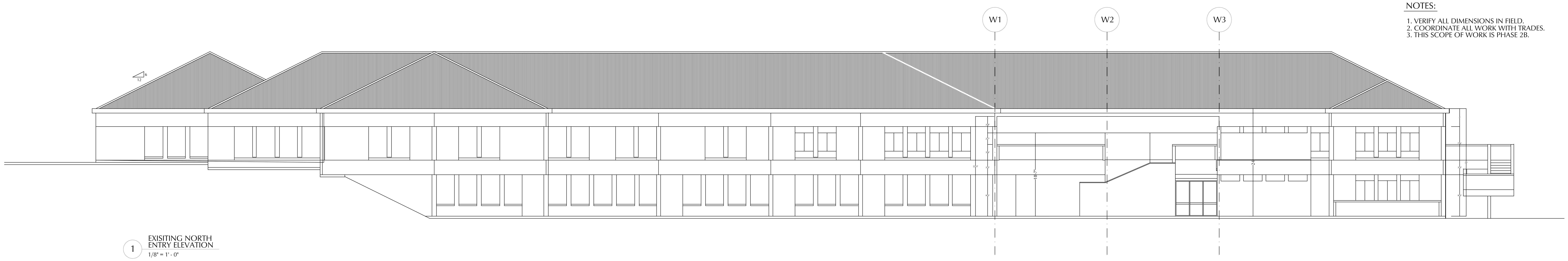
DWG.NAME:

A-1.6

SEAL:

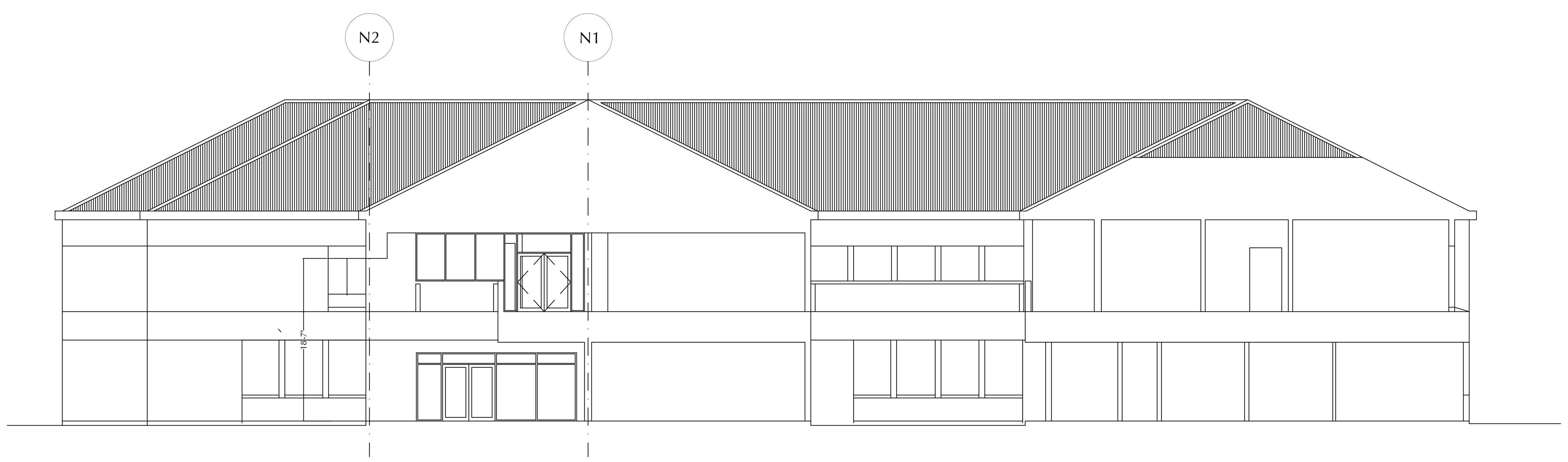
NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. THIS SCOPE OF WORK IS PHASE 2B.

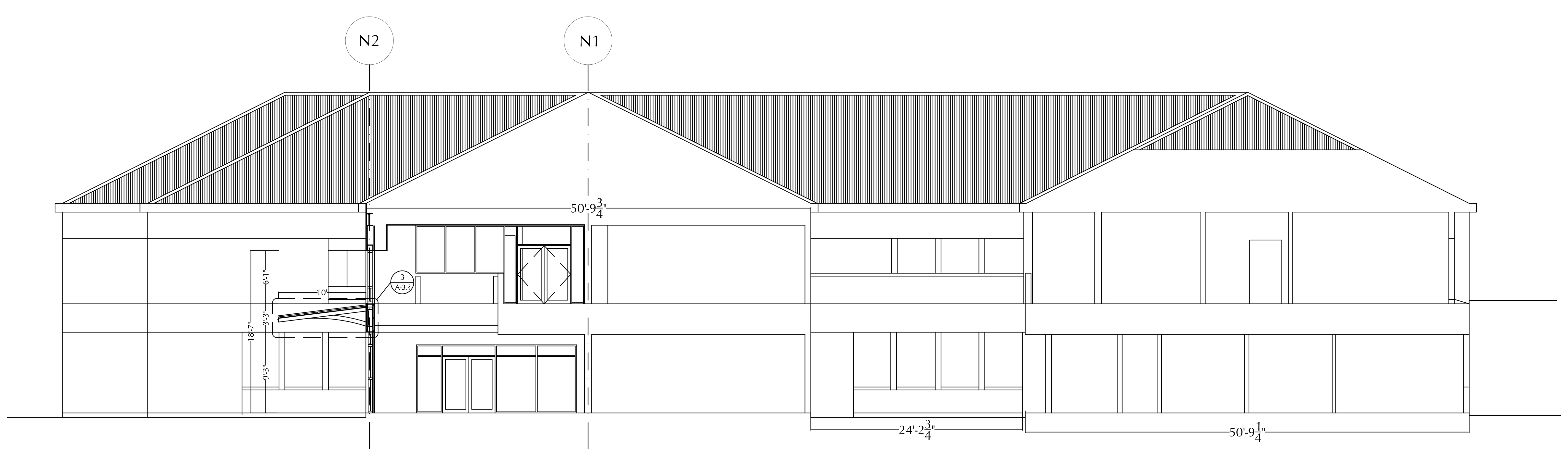


1 EXISITING NORTH ENTRY ELEVATION
1/8" = 1' - 0"

2 PROPOSED NORTH ELEVATION
1/8" = 1' - 0"



3 EXISTING NORTH ENTRY CROSS SECTION CC
1/8" = 1' - 0"



4 PROPOSED NORTH ENTRY CROSS SECTION CC
1/8" = 1' - 0"

PROJECT:
PHASE 2:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

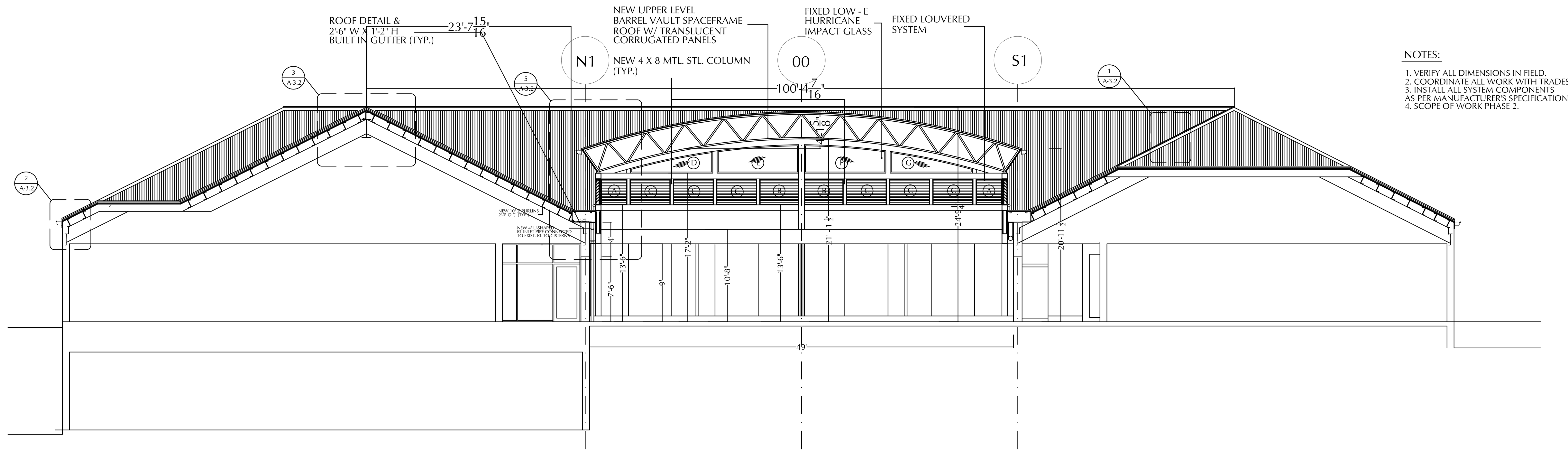
DRAWING TITLE:
PHASE 2 - ENTRY CANOPY ELEVATIONS & SECTIONS

SCALE: AS NOTED | DWN BY: | CHKD BY:

A-2

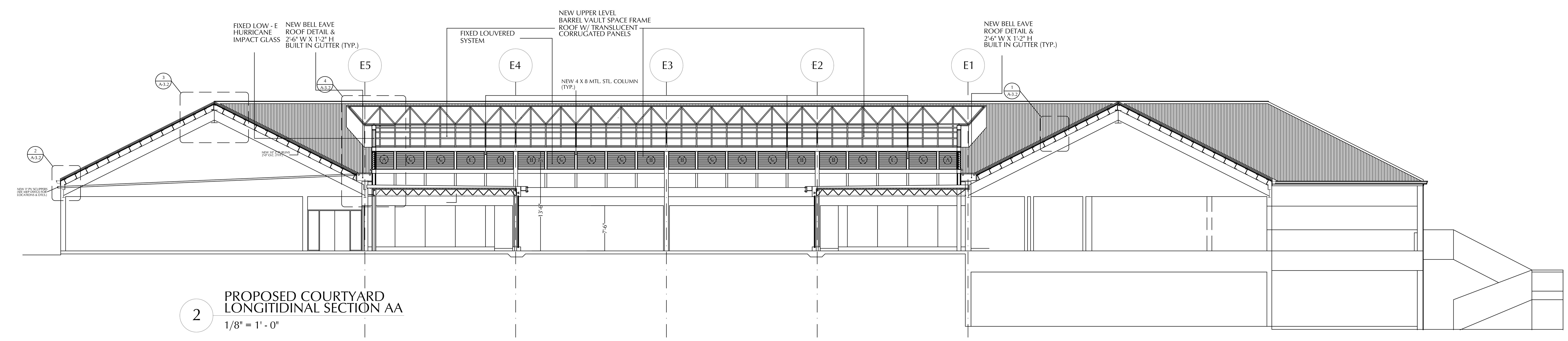
DWG.NAME:

SEAL:

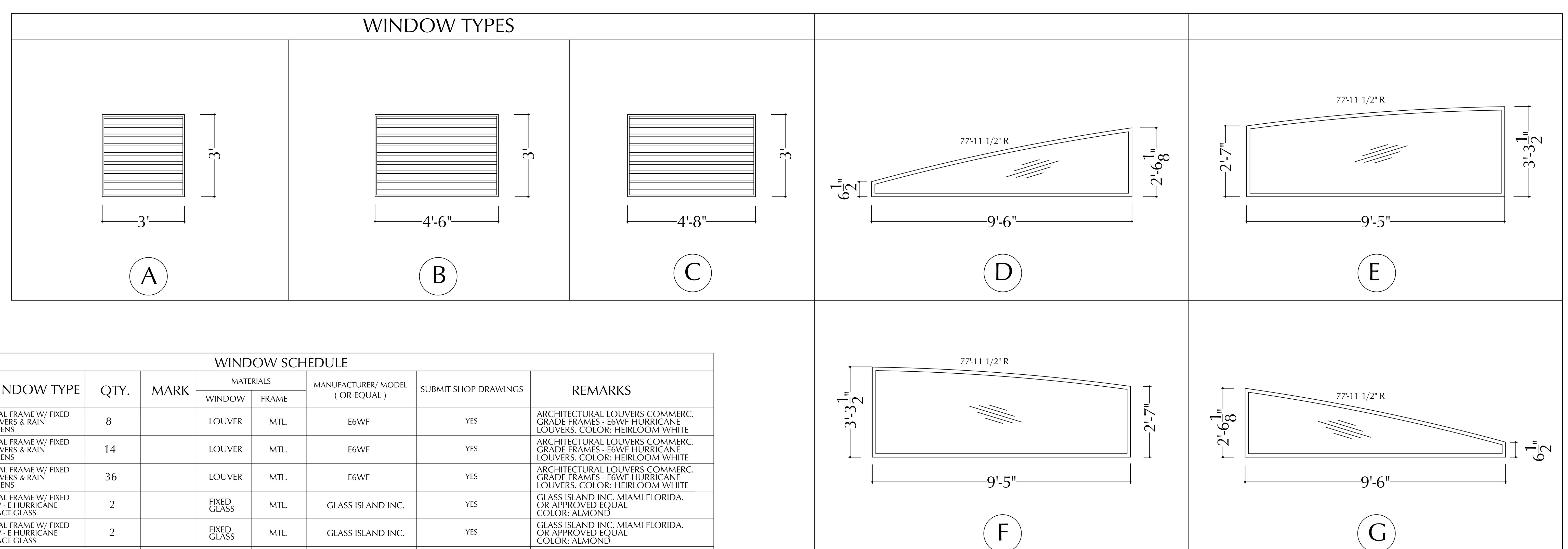


1 PROPOSED COURTYARD CROSS SECTION BB
1/8" = 1' - 0"

NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. INSTALL ALL SYSTEM COMPONENTS AS PER MANUFACTURER'S SPECIFICATIONS.
4. SCOPE OF WORK PHASE 2.



2 PROPOSED COURTYARD LONGITIDINAL SECTION AA
1/8" = 1' - 0"



GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD. COORDINATE WORK WITH ALL TRADES.
2. ALL FIXED LOUVERED UNITS TO HAVE A PEARLESCENT KYNAR FINISH: COLOR - HEIRLOOM WHITE.
3. ALL DIMENSIONS PROVIDED ARE FINISH OPENINGS TO BE VERIFIED WITH SHOP DRAWING TO ENSURE PROPER FIT AND RADIUS/ARC SHAPES.
4. ALL INSTALLATIONS ARE TO BE AS PER MANUFACTURER'S SPECIFICATIONS.
5. ALL LISTED MANUFACTURER'S ARE INDICATED OR APPROVED EQUAL.
6. SCOPE OF WORK PHASE 2.

WINDOW SCHEDULE

NO.	SIZE OF ROUGH OPENING	WINDOW TYPE	QTY.	MARK	MATERIALS		MANUFACTURER/ MODEL (OR EQUAL)	SUBMIT SHOP DRAWINGS	REMARKS
	W X H				WINDOW	FRAME			
A	3'-0" X 3'-0"	METAL FRAME W/ FIXED LOUVERS & RAIN SCREENS	8		LOUVER	MTL.	E6WF	YES	ARCHITECTURAL LOUVERS COMMERC. GRADE FRAMES - E6WF HURRICANE LOUVERS. COLOR: HEIRLOOM WHITE
B	4'-6"" X 3'-0"	METAL FRAME W/ FIXED LOUVERS & RAIN SCREENS	14		LOUVER	MTL.	E6WF	YES	ARCHITECTURAL LOUVERS COMMERC. GRADE FRAMES - E6WF HURRICANE LOUVERS. COLOR: HEIRLOOM WHITE
C	4'-8" X 3'-0"	METAL FRAME W/ FIXED LOUVERS & RAIN SCREENS	36		LOUVER	MTL.	E6WF	YES	ARCHITECTURAL LOUVERS COMMERC. GRADE FRAMES - E6WF HURRICANE LOUVERS. COLOR: HEIRLOOM WHITE
D	9'-6" X 2'-6 1/8" & 6 1/2"	METAL FRAME W/ FIXED LOW - E HURRICANE IMPACT GLASS	2		FIXED GLASS	MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. OR APPROVED EQUAL COLOR: ALMOND
E	9'-5" X 3'-3 1/2" & 2'-7"	METAL FRAME W/ FIXED LOW - E HURRICANE IMPACT GLASS	2		FIXED GLASS	MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. OR APPROVED EQUAL COLOR: ALMOND
F	9'-5" X 3'-3 1/2" & 2'-7"	METAL FRAME W/ FIXED LOW - E HURRICANE IMPACT GLASS	2		FIXED GLASS	MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. OR APPROVED EQUAL COLOR: ALMOND
G	9'-6" X 2'-6 1/8" & 6 1/2"	METAL FRAME W/ FIXED LOW - E HURRICANE IMPACT GLASS	2		FIXED GLASS	MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. OR APPROVED EQUAL COLOR: ALMOND

3 WINDOW SCHEDULES
1/2" = 1' - 0"

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DATE:

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	12.15.2023

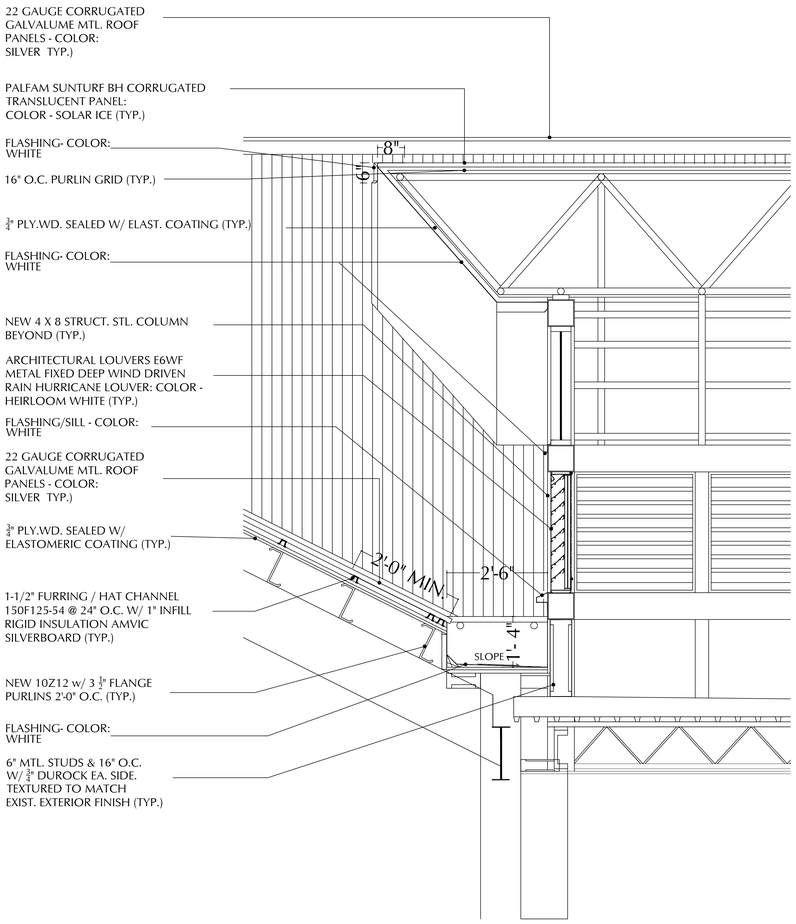
DRAWING TITLE:
PHASE 2 - COURTYARD SECTIONS & WINDOW/LOUVER SCHEDULES

SCALE: AS NOTED | DWN BY: GL | CHKD BY: G.L.

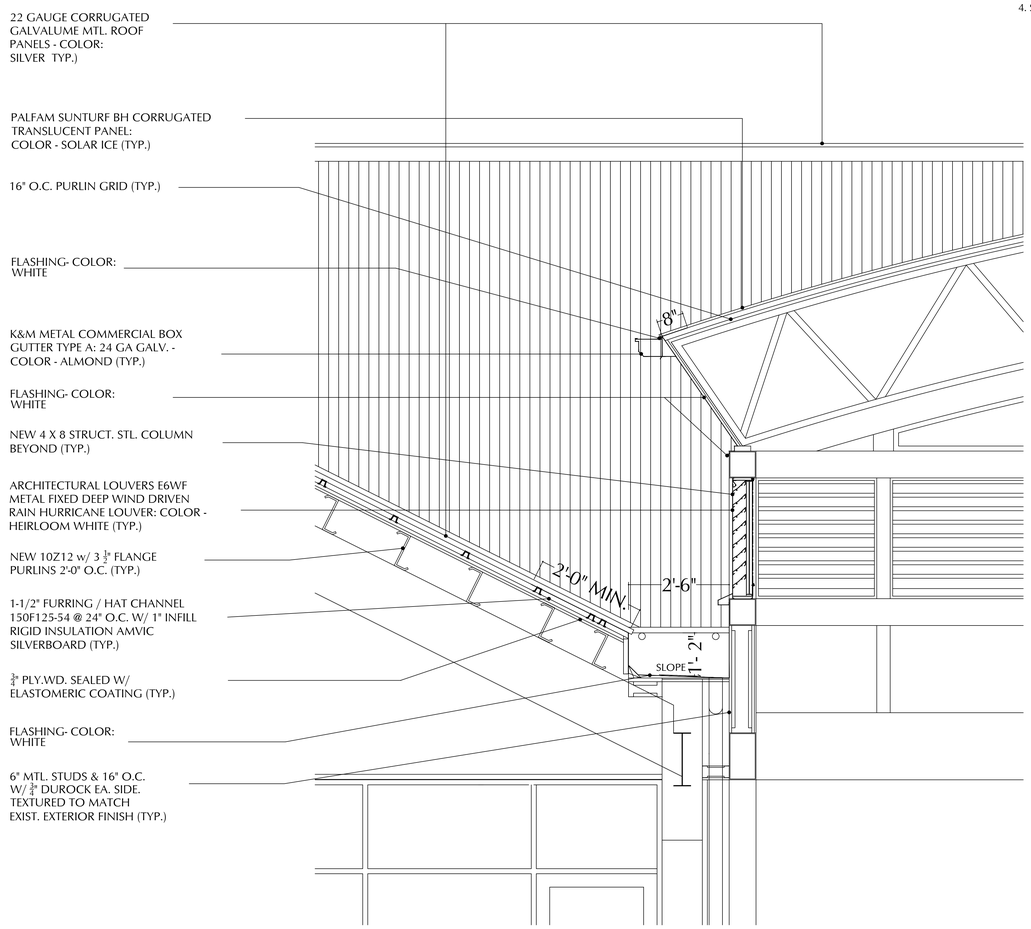
A-3

DWG NAME:

SEAL:



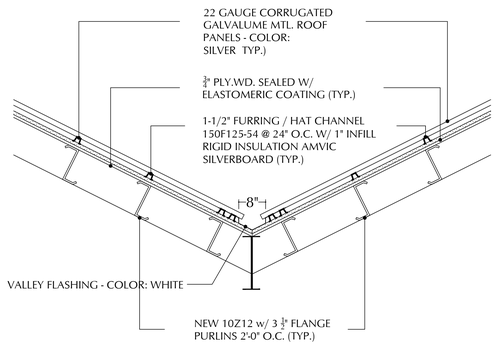
1 SPACE FRAME GABLE END SECTION DETAIL (TYP.)
3/4" = 1' - 0"



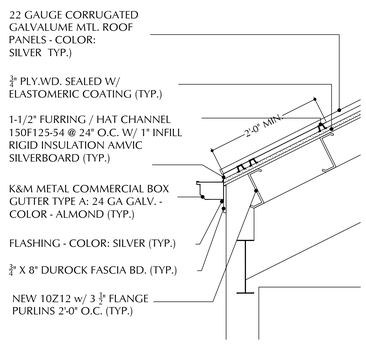
2 SPACE FRAME EAVE SECTION DETAIL (TYP.)
3/4" = 1' - 0"

NOTES:

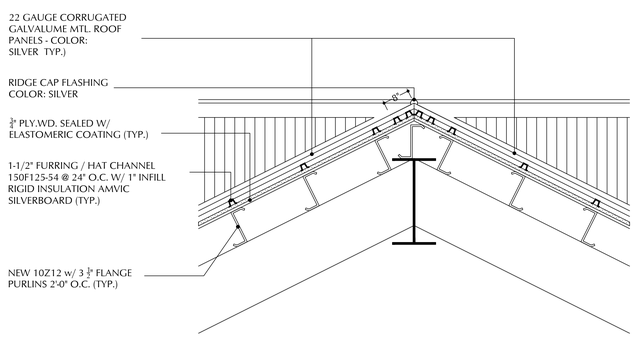
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. INSTALL ALL COMPONENT SYSTEMS AS MANUFACTURER'S SPECIFICATIONS.
4. SCOPE OF WORK PHASE 2.



3 VALLEY SECTION DETAIL (TYP.)
3/4" = 1' - 0"



4 EAVE SECTION DETAIL (TYP.)
3/4" = 1' - 0"



5 RIDGE SECTION DETAIL (TYP.)
3/4" = 1' - 0"

NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE ALL WORK WITH TRADES.
3. INSTALL ALL COMPONENT SYSTEMS AS MANUFACTURER'S SPECIFICATIONS.
4. SCOPE OF WORK PHASE 2.

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
2DA QUEEN STREET CHRISTIANSTED
U.S. VIRGIN ISLANDS 00820
340.779.3039 INFO@TALLERLARJAS.COM

DATE:

NOTES:

DATE:	NOTES:
12.15.2023	

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE REISSUE	

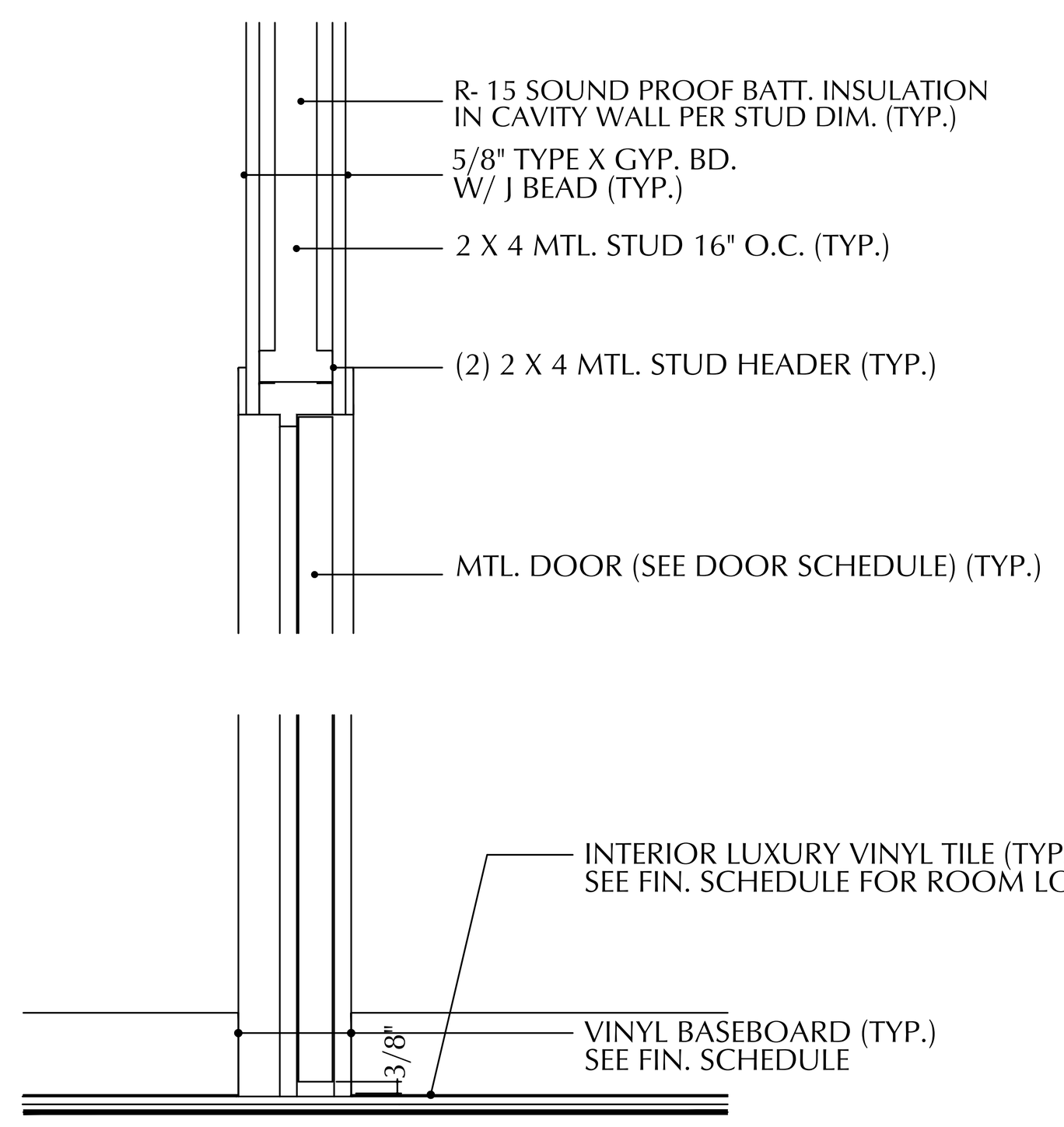
DRAWING TITLE:
PHASE 2
ROOF SECTION DETAILS

CHKD BY: G.L.
DWN BY: G.L.
SCALE: AS NOTED

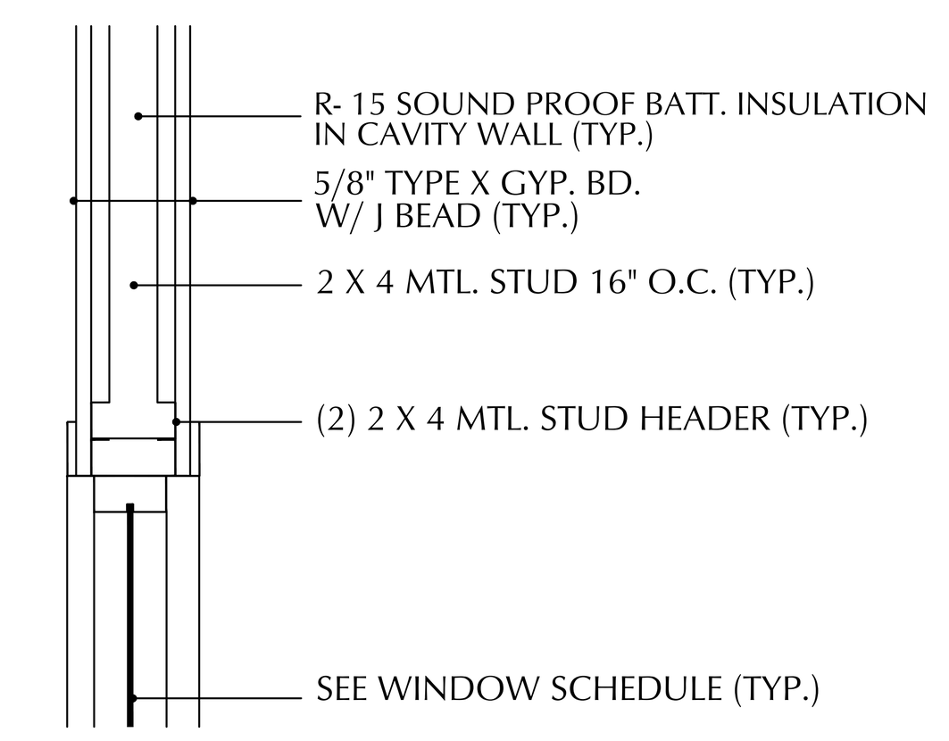
A-3.1

DWG.NUMB.

SEAL:

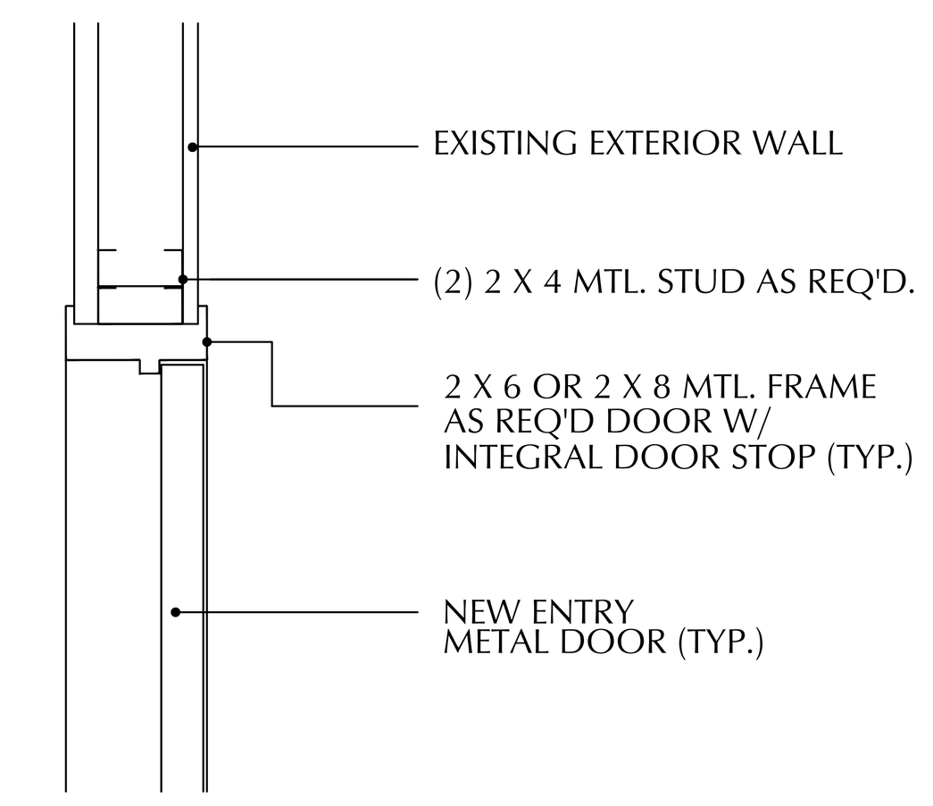


1 INTERIOR WALL DOOR HEADER & SILL DETAIL (TYP.)
1 1/2" = 1'-0"

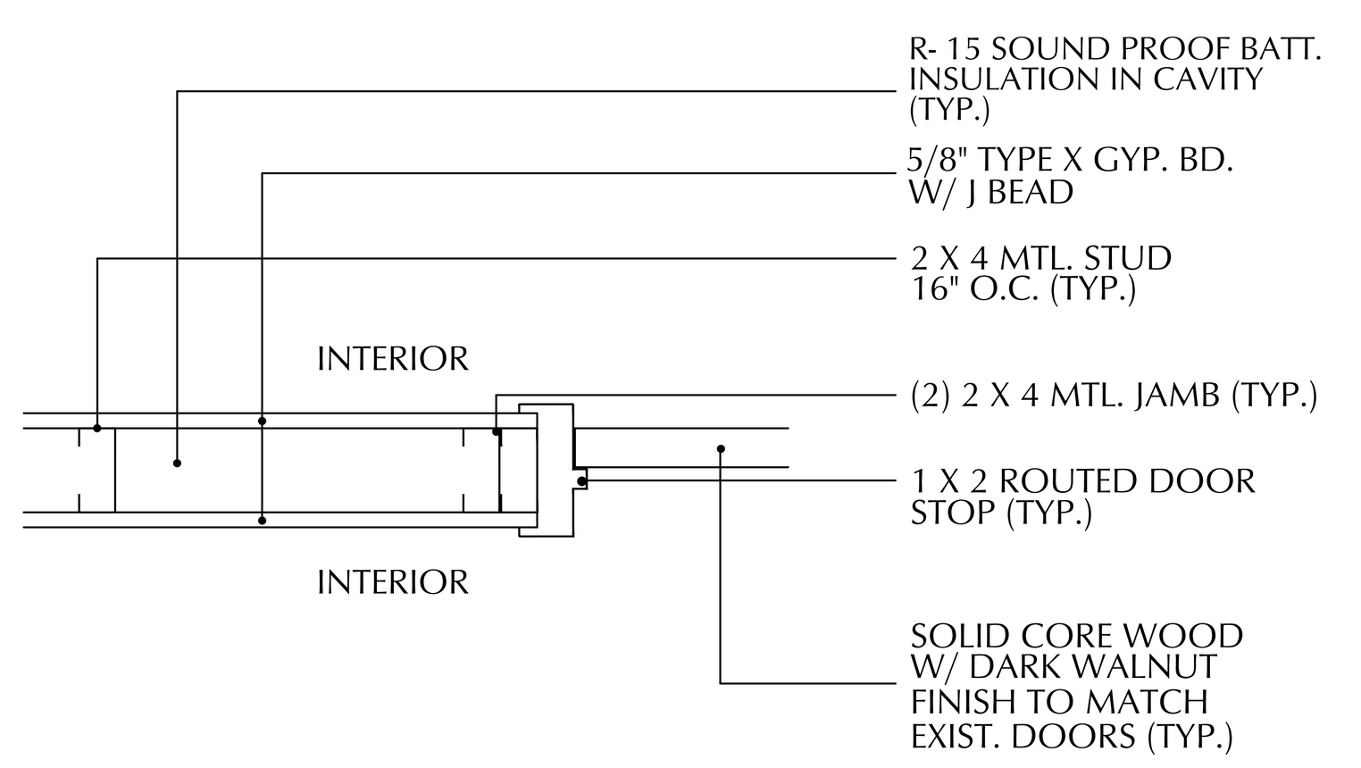


4 INTERIOR WALL WINDOW HEADER DETAIL (TYP.)
1 1/2" = 1'-0"

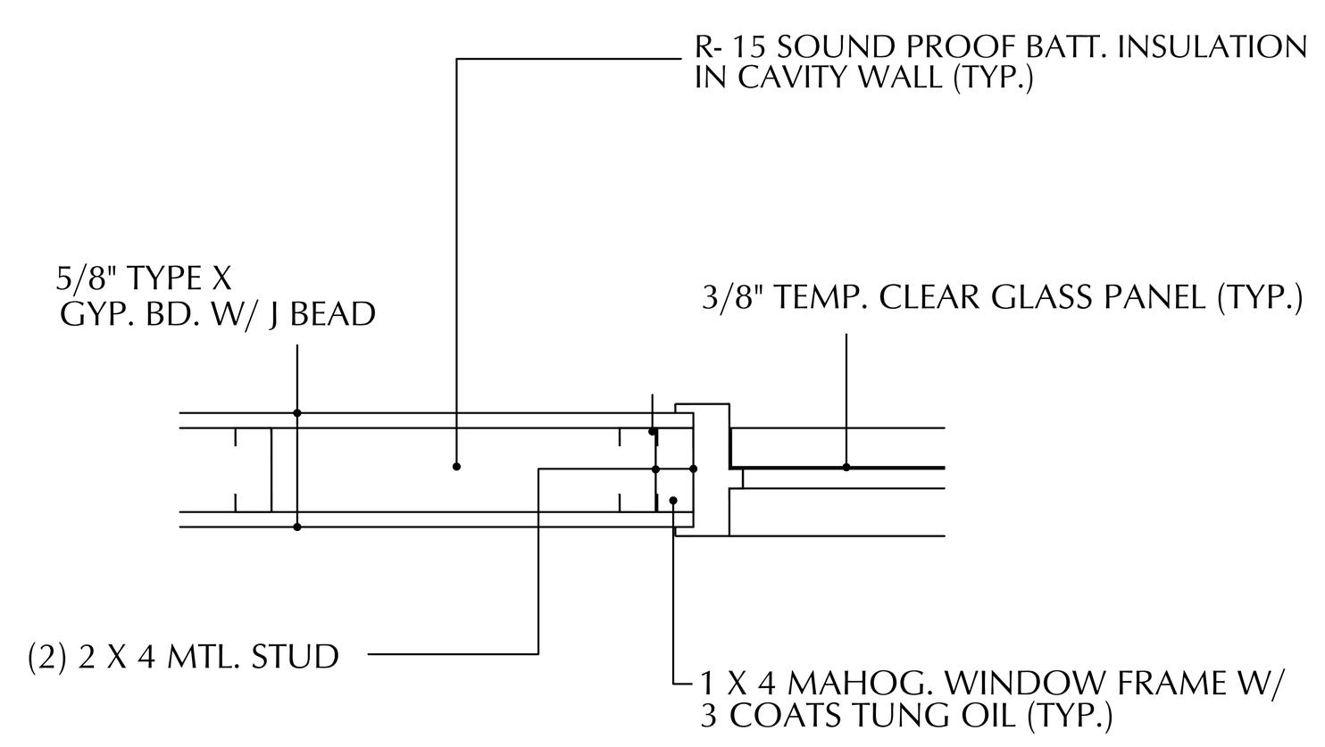
GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. ALL COLORS ARE TO BE SELECTED BY ARCHITECT/OWNER.
3. ALL ROOMS EXCEPT WALLS WITH CABINETRY ARE TO HAVE BASEBOARDS.
4. ALL SPECIFIED BRANDS ARE AS INDICATED OR APPROVED EQUAL.
5. ALL OUTSWING DOORS INTO EXTERIOR SPACES TO HAVE COMMERCIAL GRADE SECURITY HINGE (TYP.)
6. SEE WALL SECTIONS FOR PROPER BATT. INSULATION DIM. BASED ON WALL THICKNESSES.



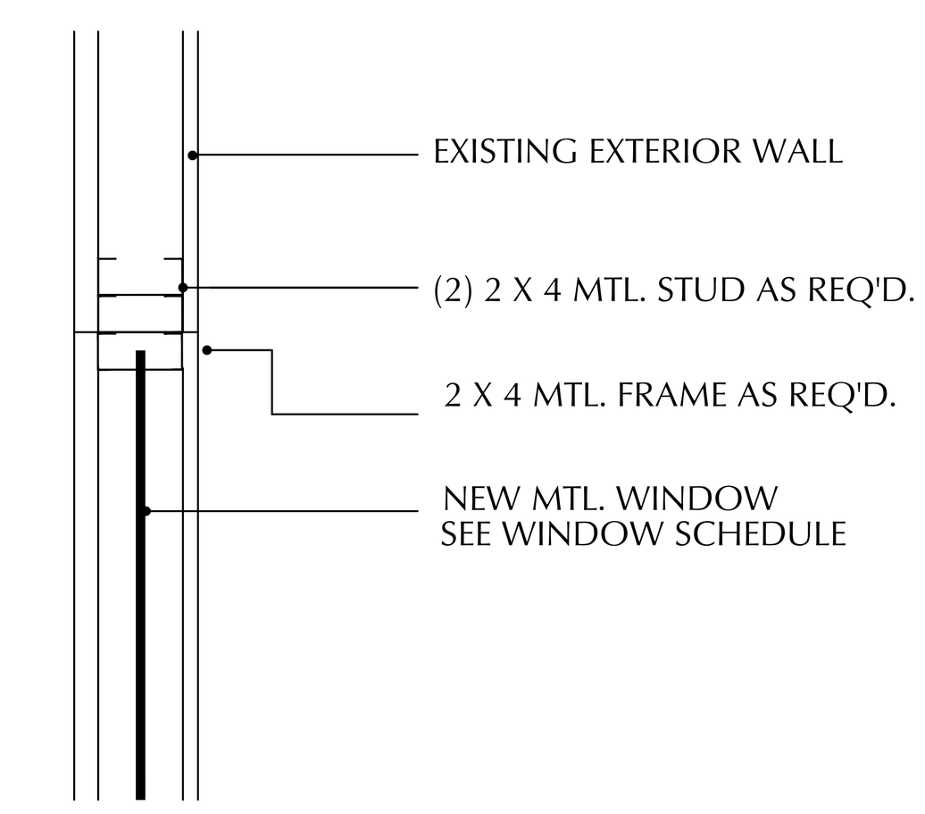
7 EXTERIOR WALL DOOR HEADER DETAIL (TYP.)
1 1/2" = 1'-0"



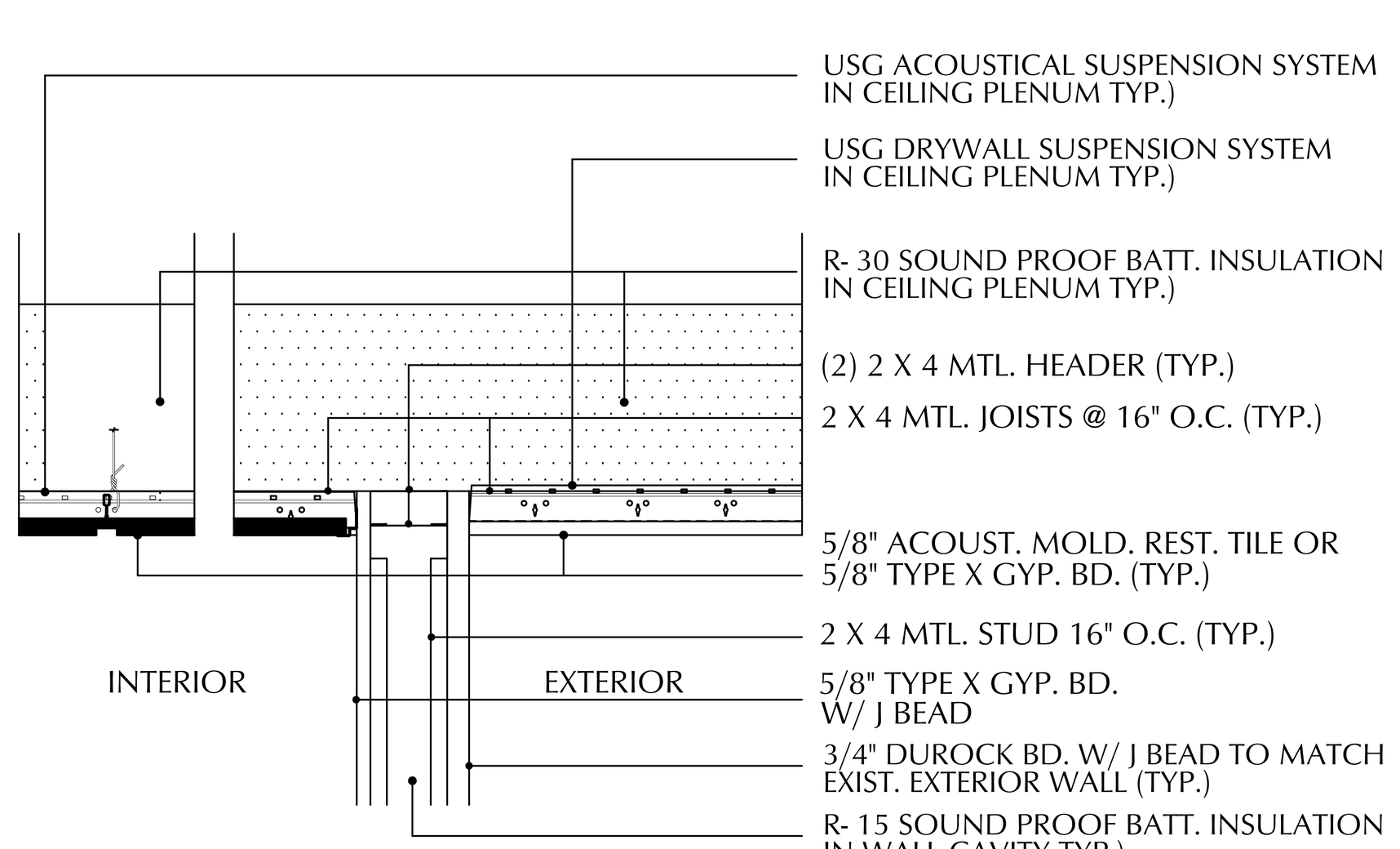
2 INTERIOR WALL DOOR JAMB DETAIL (TYP.)
1 1/2" = 1'-0"



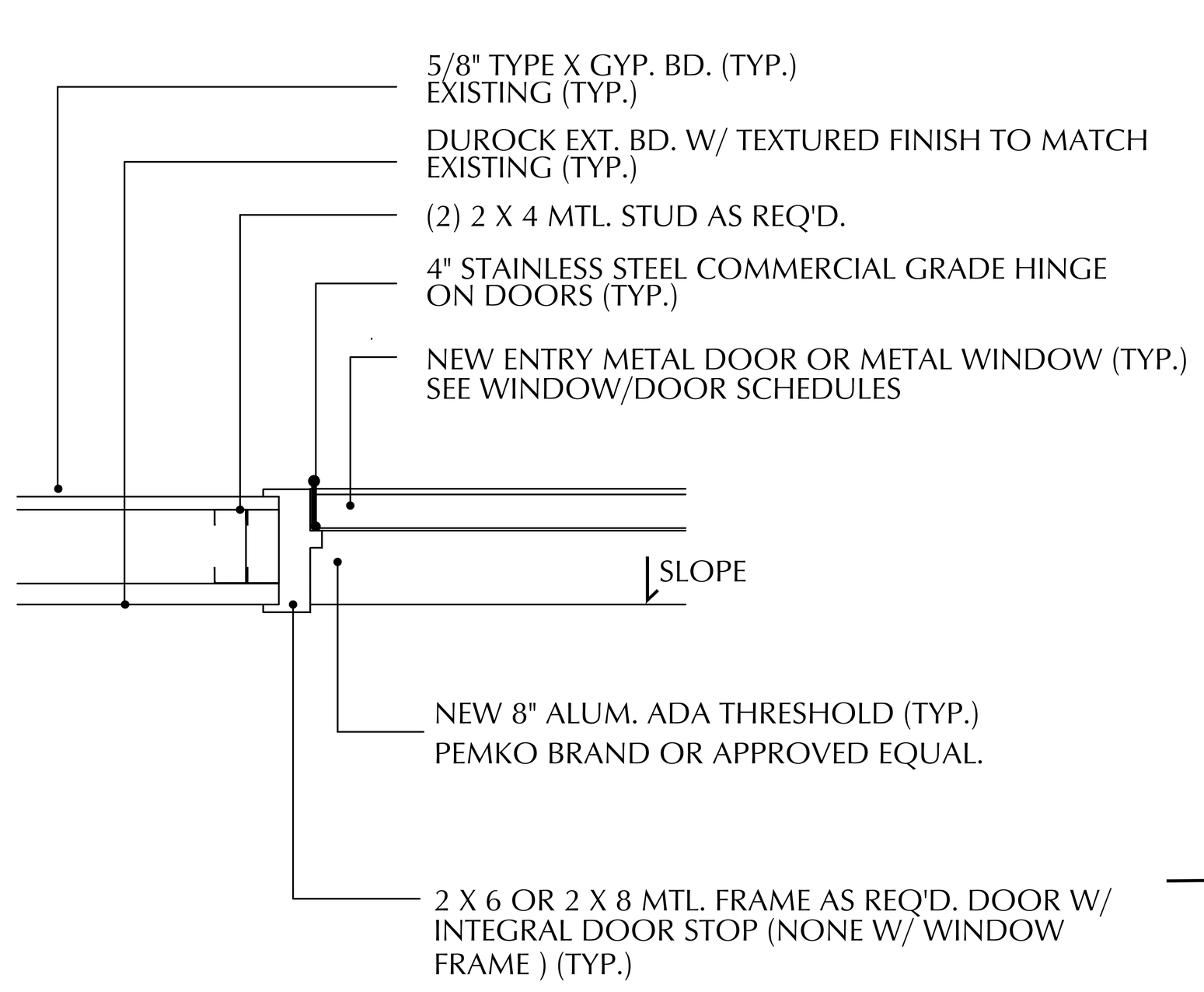
5 INTERIOR WALL WINDOW JAMB DETAIL (TYP.)
1 1/2" = 1'-0"



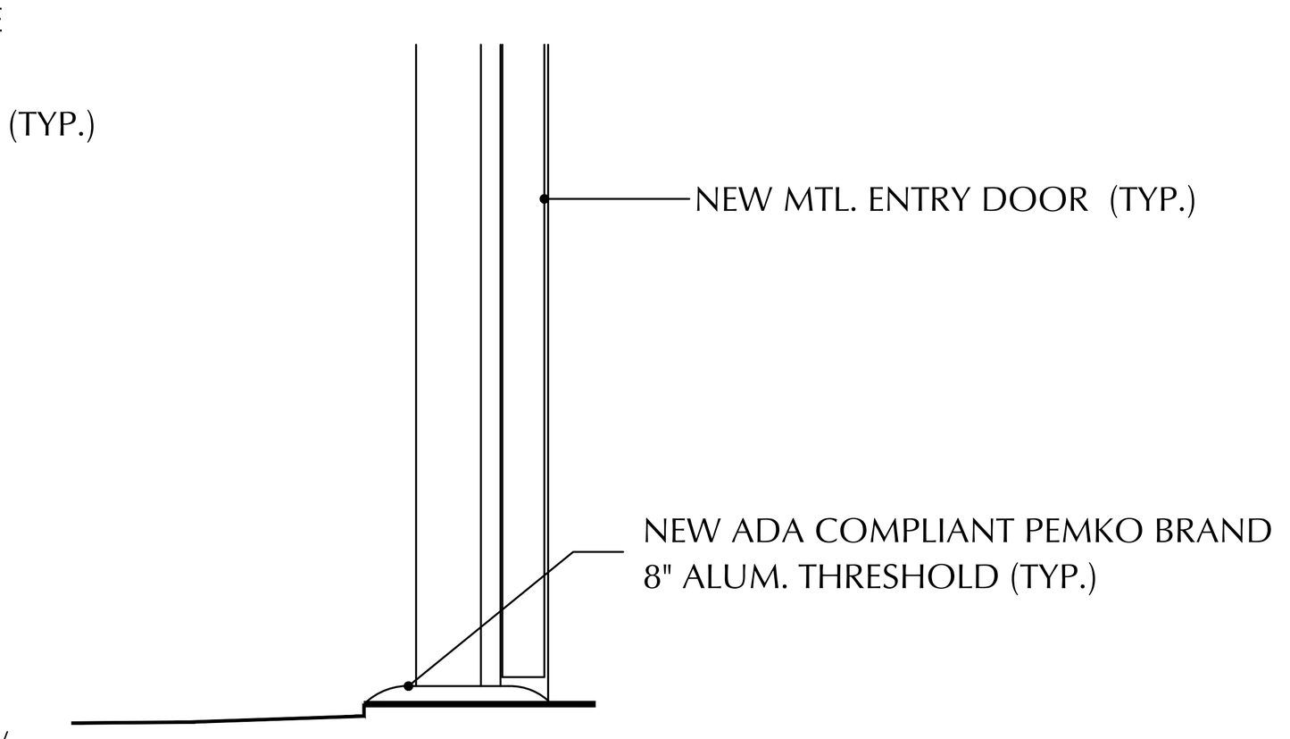
8 EXTERIOR WALL WINDOW HEADER DETAIL (TYP.)
1 1/2" = 1'-0"



3 DROP CEILING OR ACOUSTICAL CEILING AT NEW MTL. STUD WALL (TYP.)
1 1/2" = 1'-0"

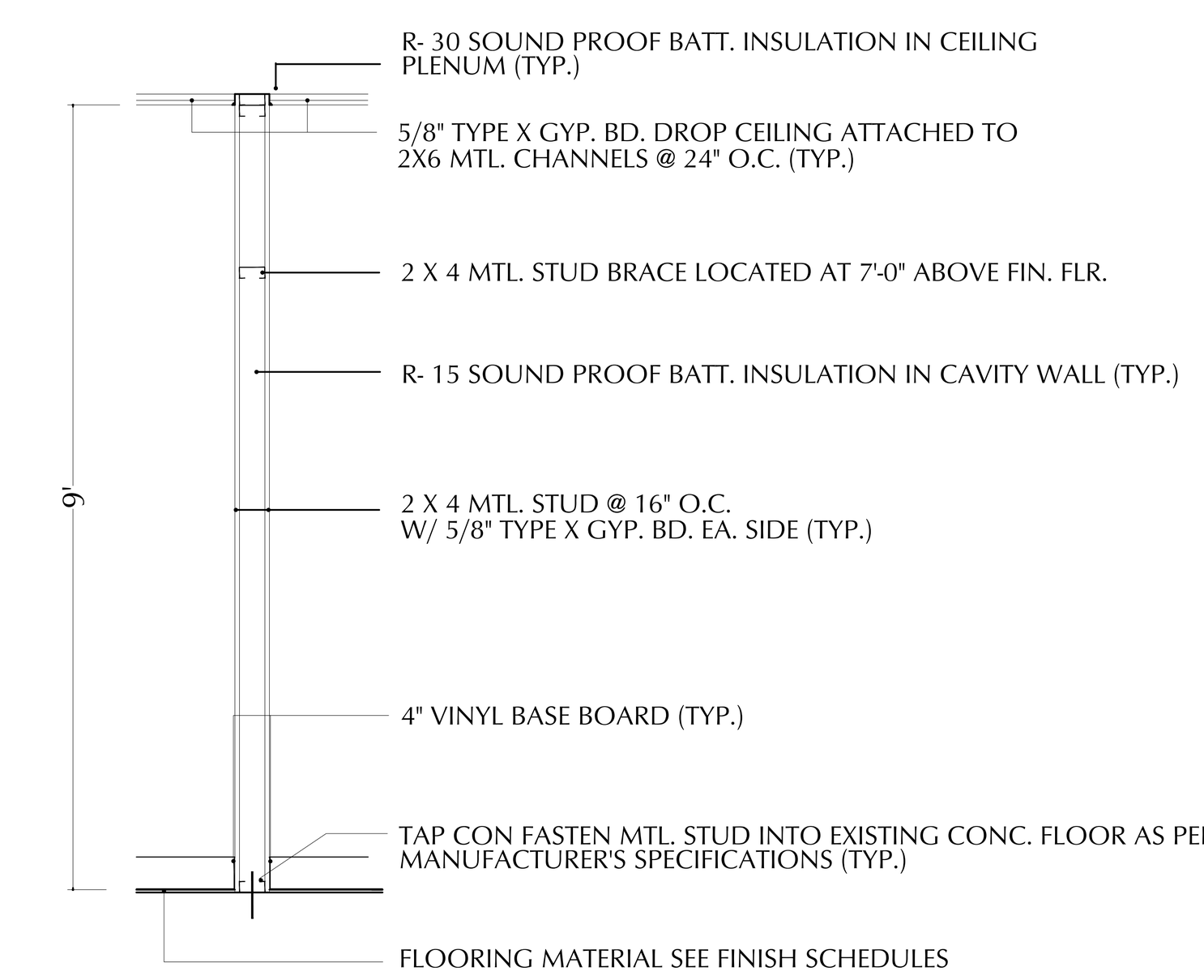


6 EXTERIOR WALL WINDOW & DOOR JAMB DETAIL (TYP.)
1 1/2" = 1'-0"

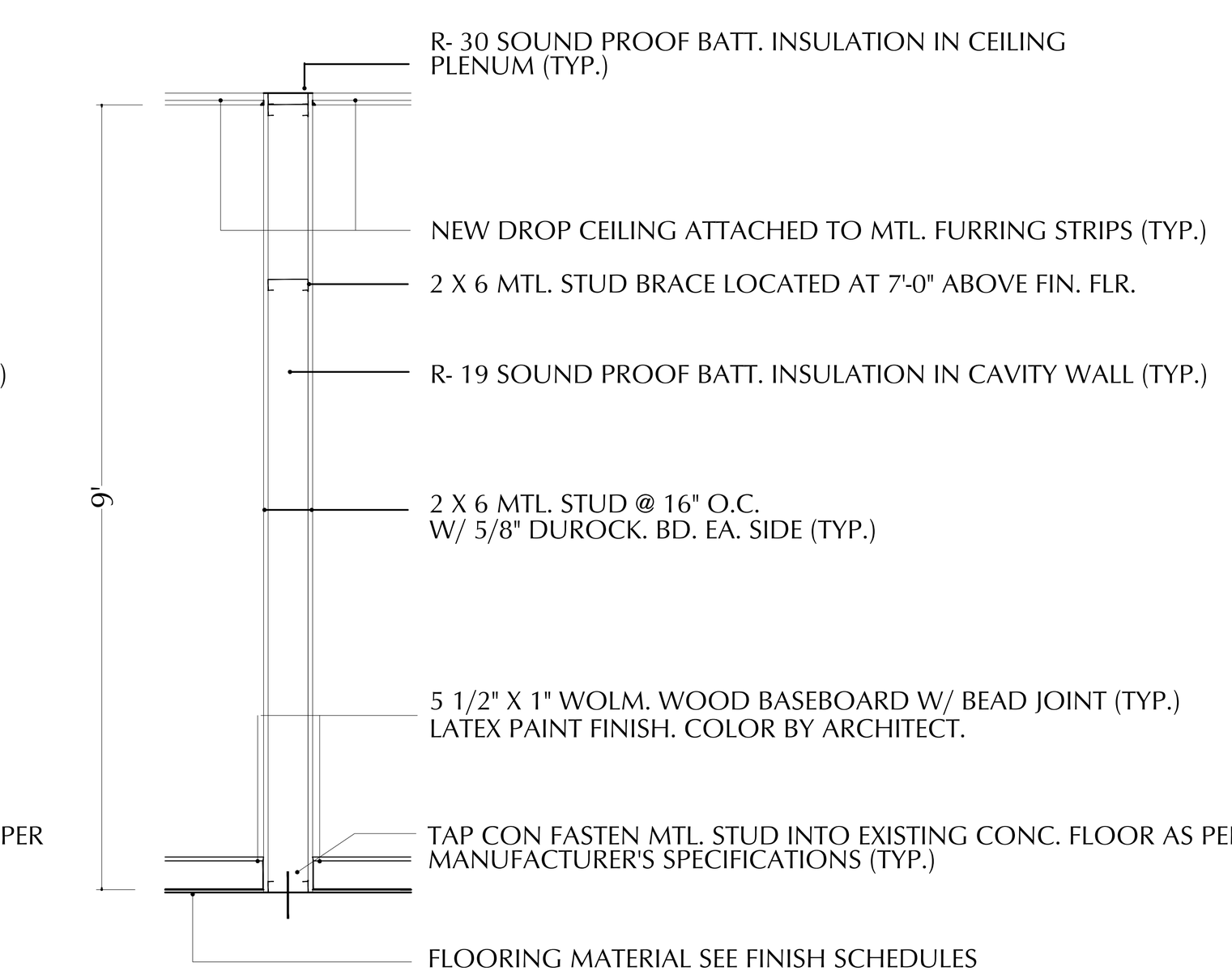


9 EXTERIOR WALL DOOR THRESHOLD DETAIL (TYP.)
1 1/2" = 1'-0"

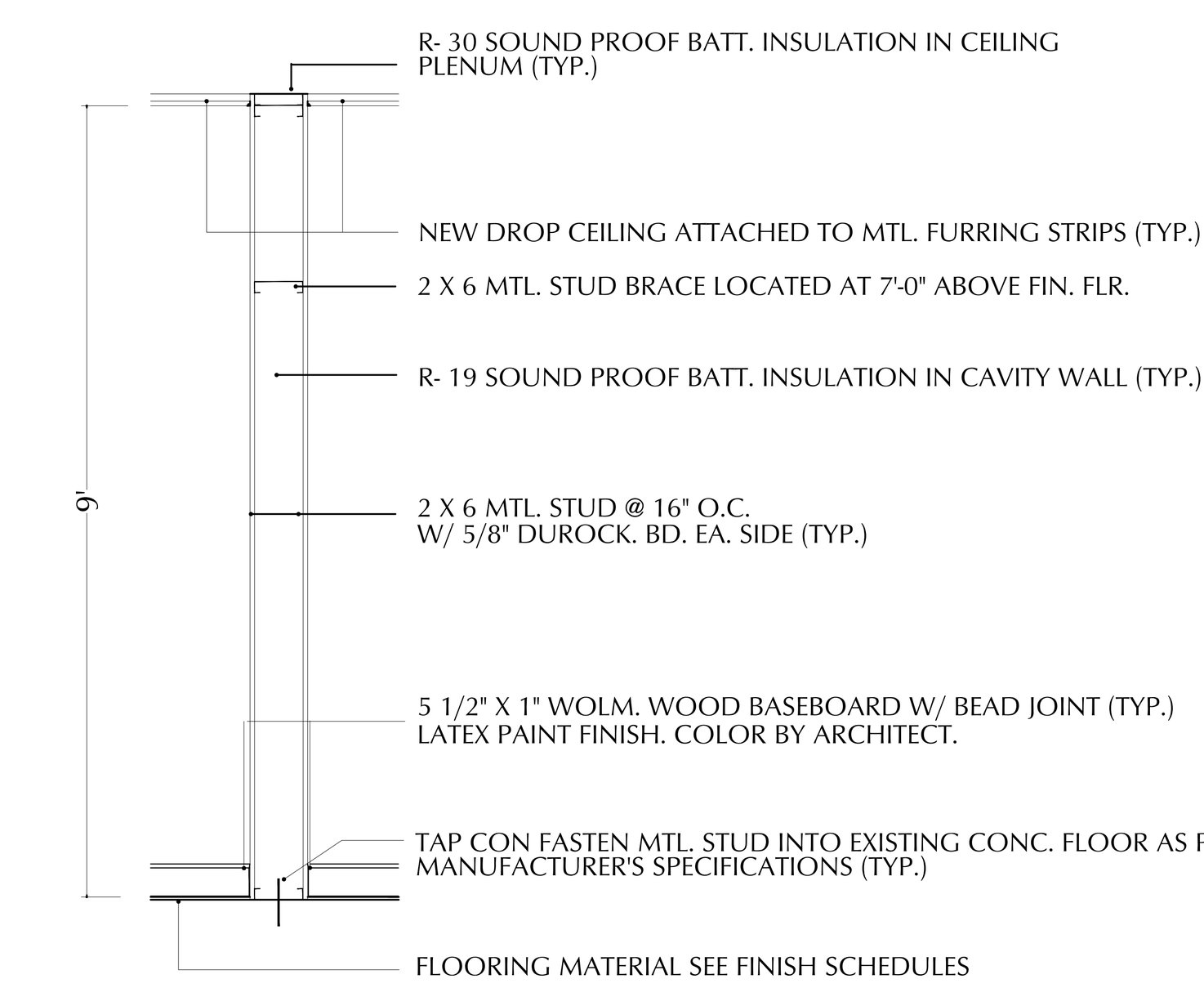
GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WILL ALL TRADES.
3. REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS. REMOVE ALL EXISTING PLAST. LATH, PLASTER, FURRING, ETC. AS IN ALL SPACES ROOMS AS PER DEMOLITION PLANS.
4. ALL SHEETROCK WALLS TO BE 5/8" DUROCK CEMENTITIOUS BD. (TYP.)
5. ALL DROP CEILINGS TO BE 5/8" GP TOUGH ROCK MOLD GUARD BD. OR APPROVED EQUAL (TYP.).
6. ALL NEW DOOR AND WINDOW HEADERS TO BE FRAMED W/ (2) 2 X MTL. STUDS STACKED AS PER DRAWINGS (TYP.).
7. NOTE: PHASE 2B & 2C



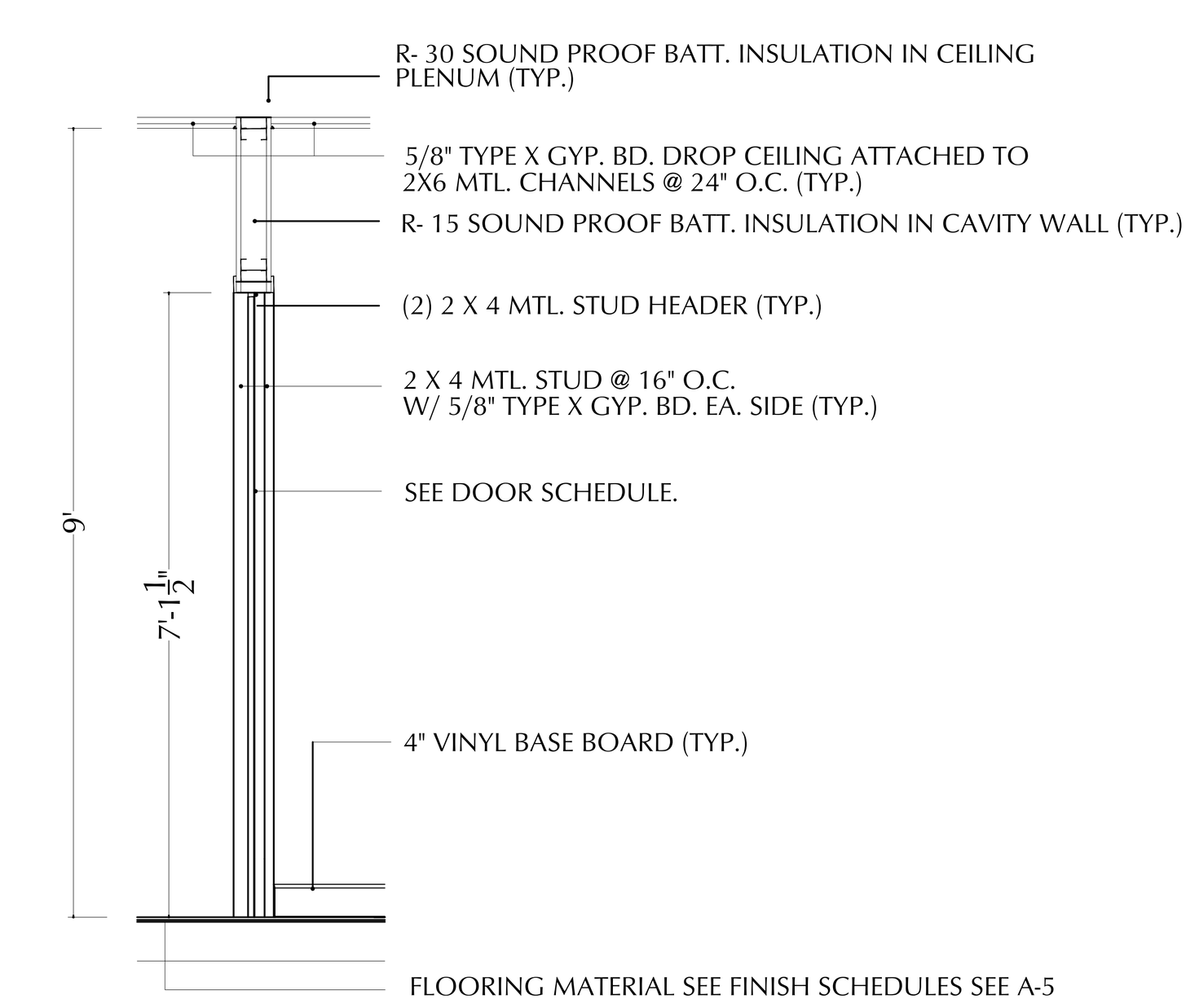
10 NEW 4" MTL. STUD & GYP. BD. INTERIOR WALL SECTION (TYP.)
1/2" = 1' - 0"



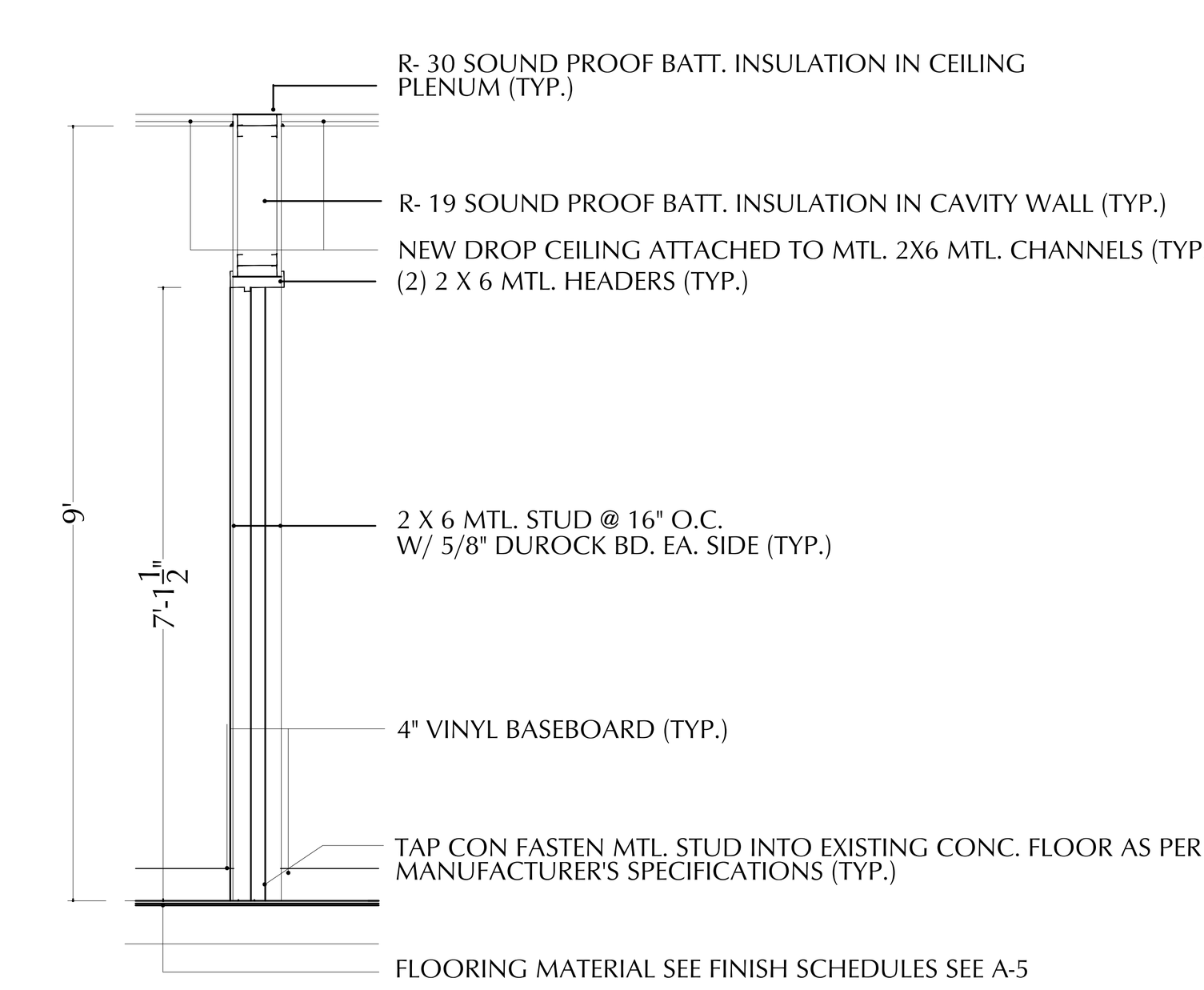
11 NEW 6" MTL. STUD & GYP. BD. INTERIOR WALL SECTION W/ DOOR (TYP.)
1/2" = 1' - 0"



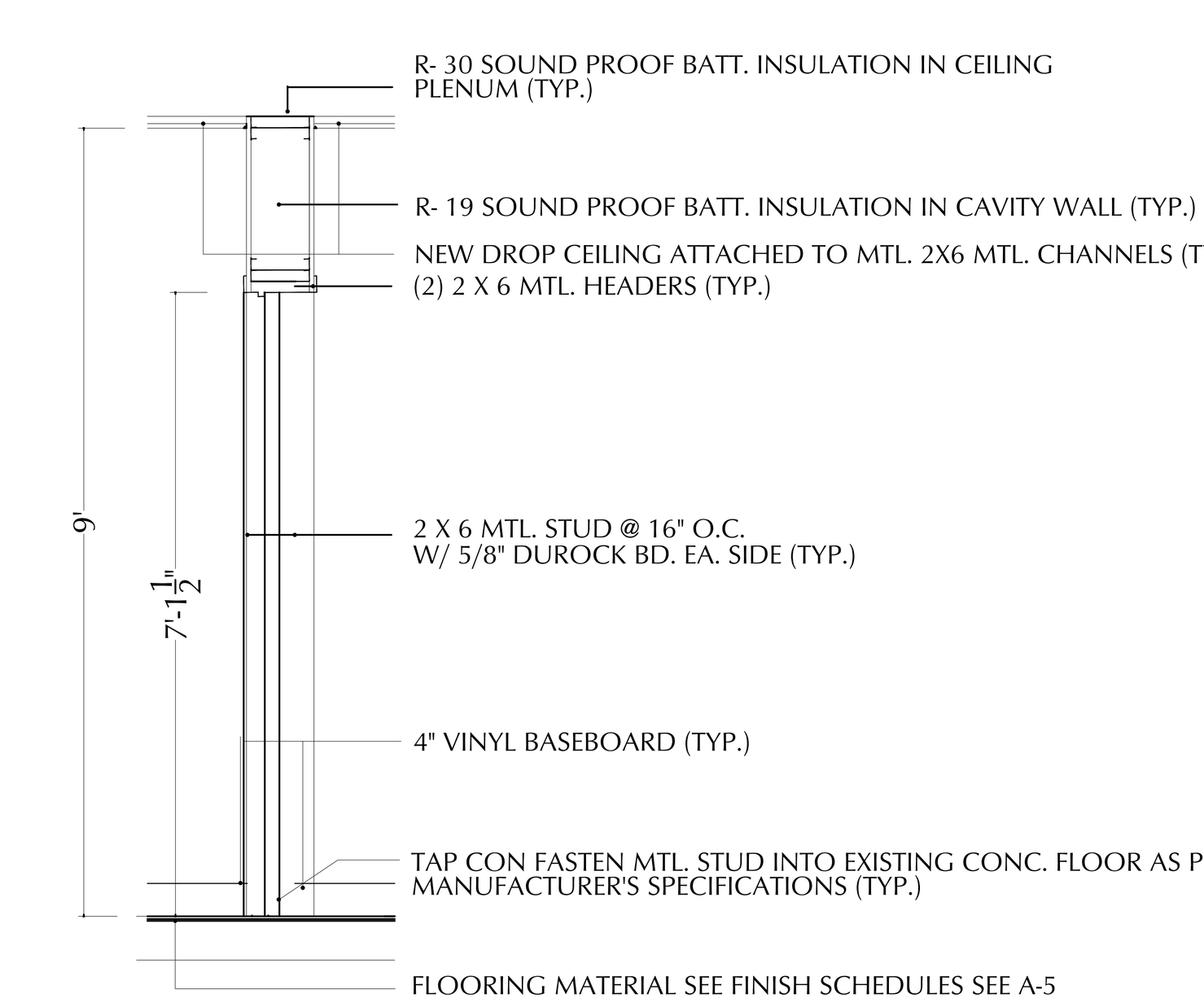
12 NEW 8" MTL. STUD & GYP. BD. INTERIOR WALL SECTION W/ DOOR (TYP.)
1/2" = 1' - 0"



13 NEW 6" MTL. STUD & GYP. BD. INTERIOR WALL (TYP.)
1/2" = 1' - 0"

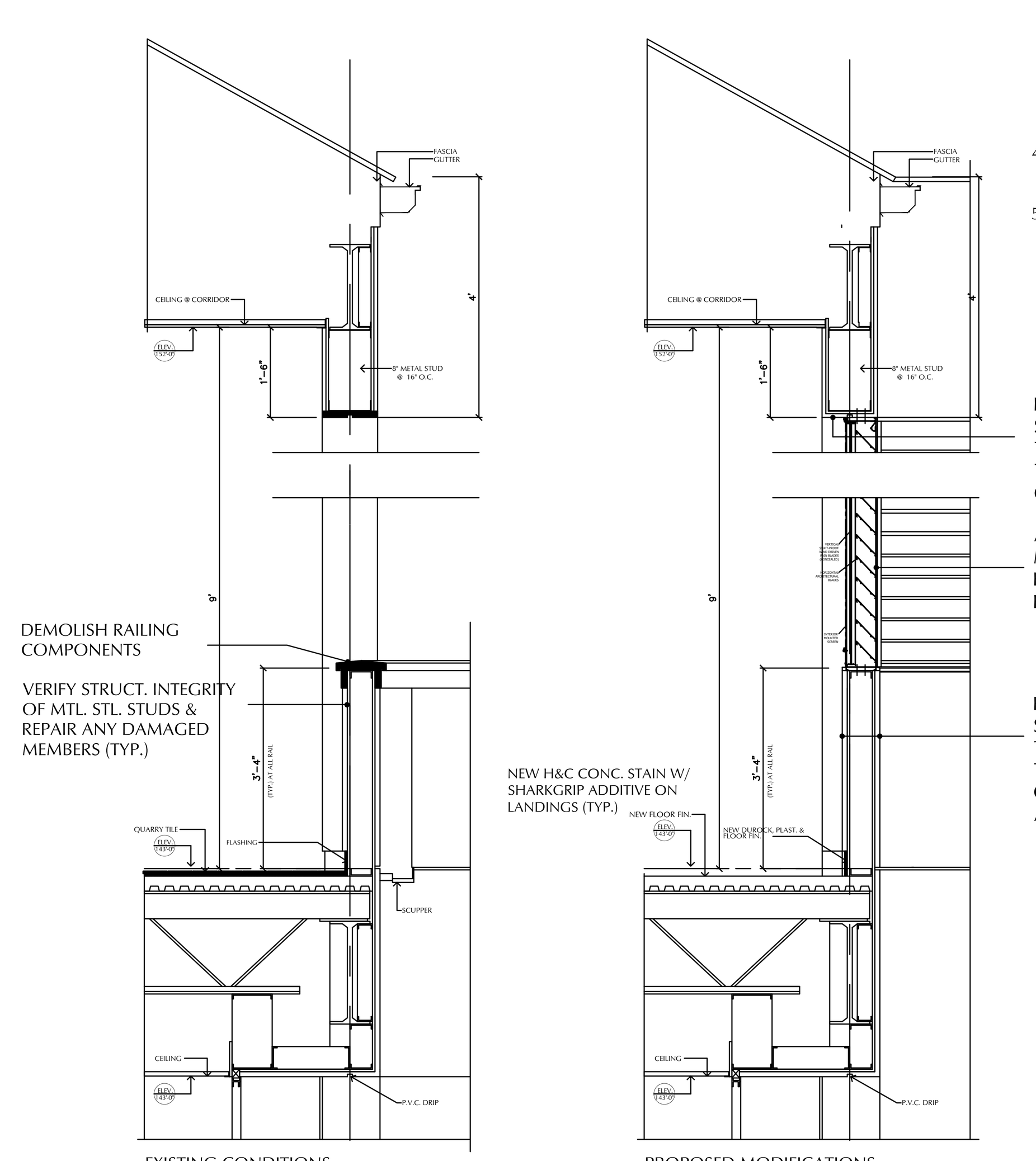


14 NEW 6" INTERIOR WALL W/ DOORS (TYP.)
1/2" = 1' - 0"

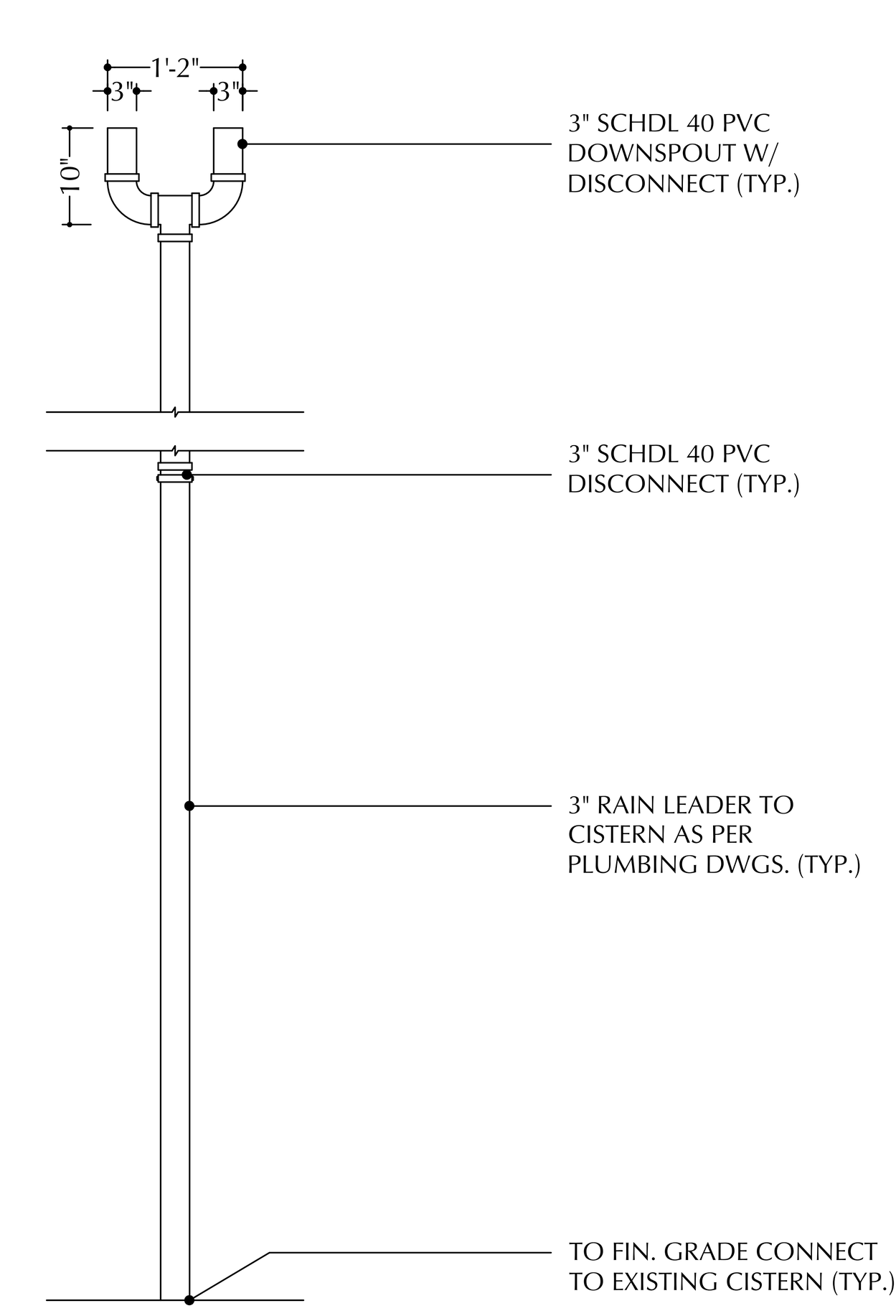


15 NEW 8" INTERIOR WALL W/ DOORS (TYP.)
1/2" = 1' - 0"

GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. REMOVE ALL EXISTING SAUSALITO TILES & PREP. FLOOR WITH H&C HEAVY SHIELD WATER- BASED SOLID COLOR CONC. & DRIV. STAIN W/ H&C SHARKGRIP SLIP-RESISTANT ADDITIVE. THIS IS ONLY APPLICABLE TO THE EXISTING GROUND FLOOR & STAIR TILES. INSTALL FLOOR TO MATCH THE EXISTING UPPER FLOOR COLOR & AS PER MANUFACTURER'S SPECS.
4. INSTALL NEW DUROCK IN ALL BASEBOARD LOCATIONS & PREP FOR CONC. STAIN & GRIP FINISH AS LISTED ABOVE (TYP.).
5. NOTE: PHASE 2B

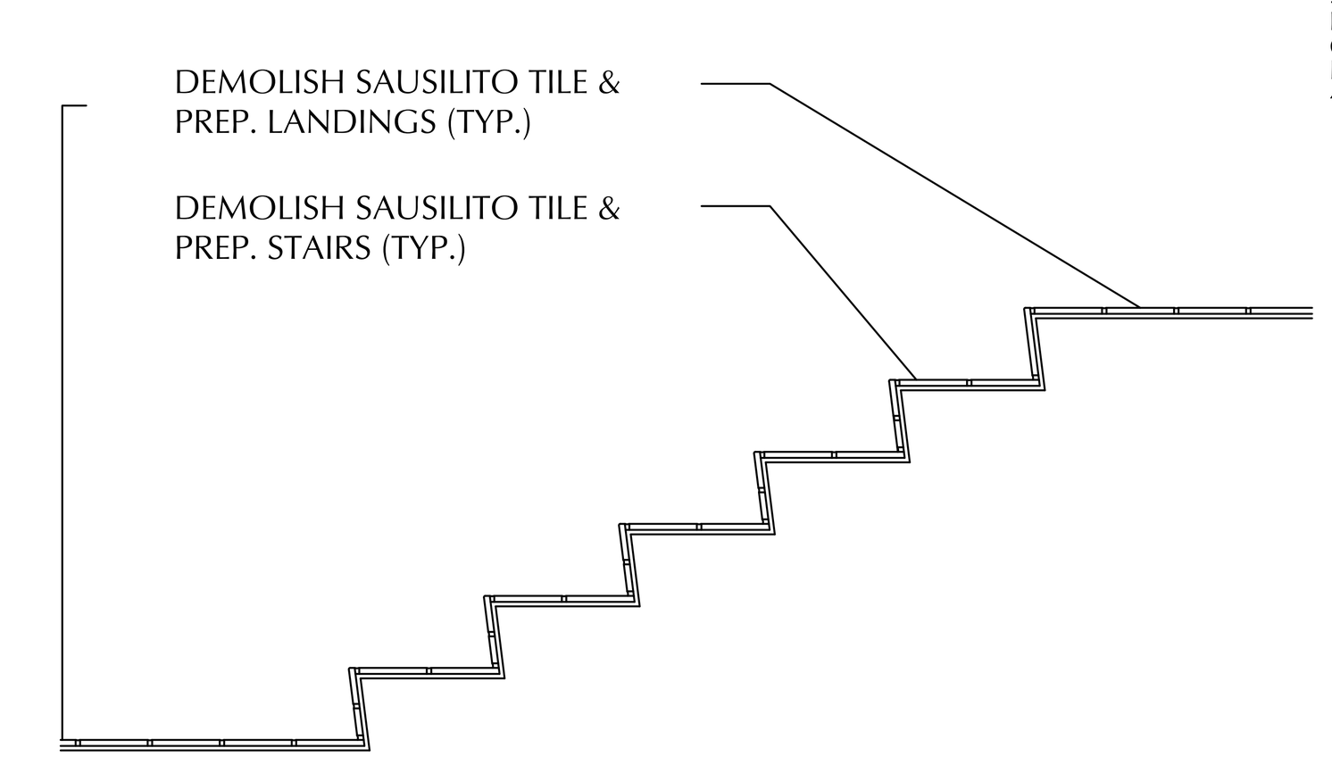


16 MODIFIED RAILING DETAIL W/ HURRICANE SLATTED SCREEN (TYP.)
1/2" = 1' - 0"

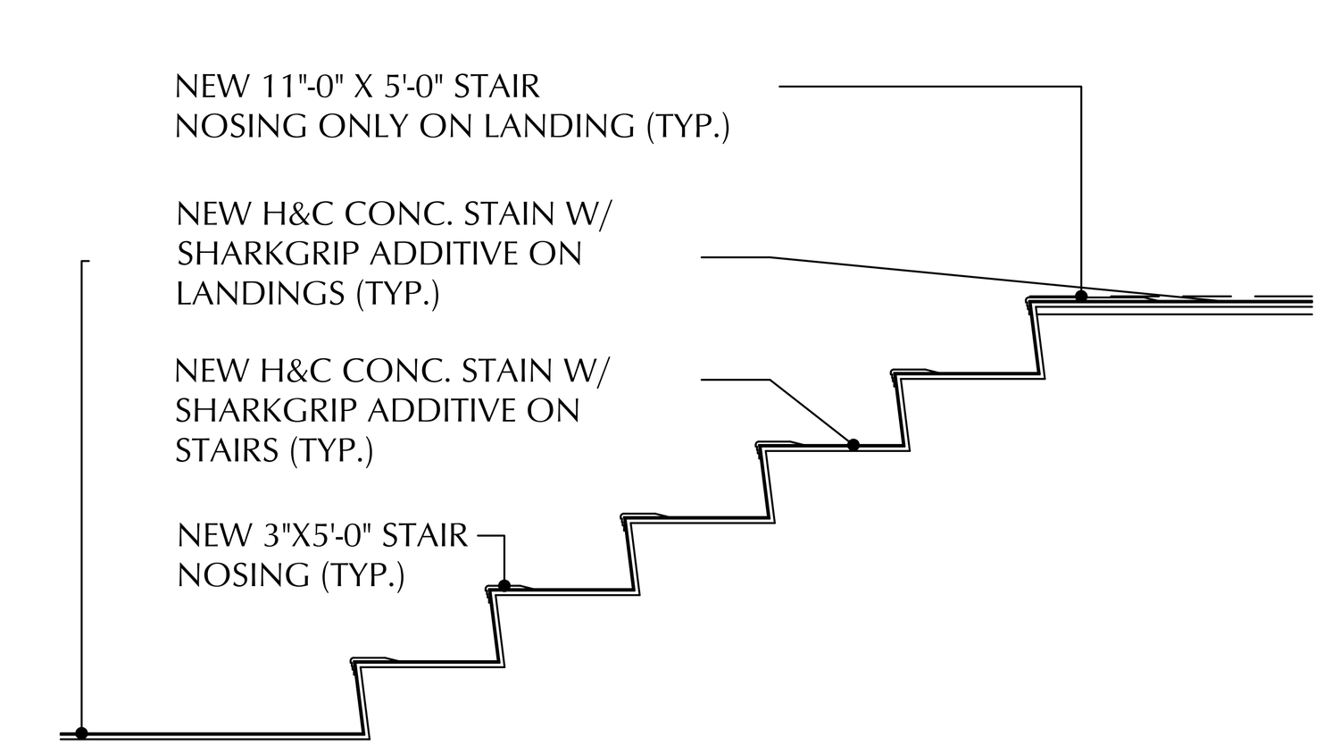


17 STANDARD DOUBLE INLET DOWNSPOUT DETAIL (TYP.)
3/4" = 1' - 0"

GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WILL ALL TRADES.
3. REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS. REMOVE ALL EXISTING SAUSALITO TILES & PREP. FLOOR WITH H&C HEAVY SHIELD WATER-BASED SOLID COLOR CONC. & DRIV. STAIN. W/ H&C SHARKGRIP SLIP-RESISTANT ADDITIVE. INSTALL FLOOR TO MATCH EXISTING UPPER FLOOR COLOR & AS PER MANUFACTURER'S SPECIFICATIONS.
5. ALL STAIRS TO MEET UNIFORM 6" RISER HEIGHT & HAVE A 3"W X 5'-0"L KOFFLER METAL STAIR TREADS & NOSINGS - #A781 ON EA. STAIR TREAD. ON TOP OF LANDING, 11"-0"W X 5'-0"L KOFFLER METAL STAIR TREADS & NOSINGS - #A781 (TYP.).
4. NOTE: PHASE 2B



18 EXISTING CONDITION OF STAIRS & LANDINGS (TYP.)
3/4" = 1' - 0"



19 MODIFIED STAIRS W/ CONC. STAIN COAT. & STAIR NOSING (TYP.)
3/4" = 1' - 0"

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARIAS, LLC
IN ASSOCIATION WITH
LAND & ASSOCIATES ARCHITECTS, INC.

DATE:

NOTES:

DATE: 12.15.2023

NO.	REVISIONS
1	BID SET
2	BID PACKAGE REISSUE

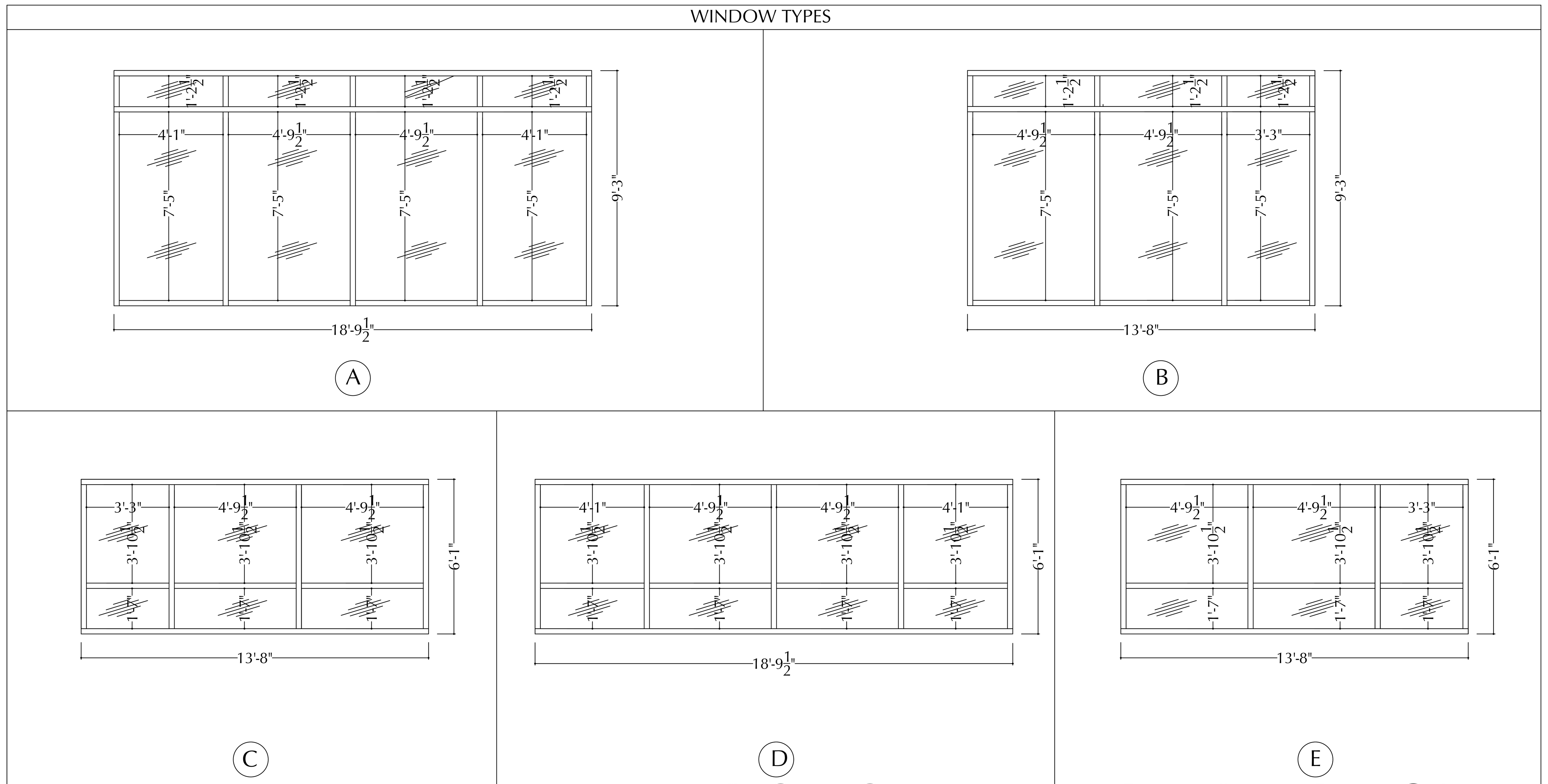
DRAWING TITLE:
PHASE 2 - WALL SECTIONS; JAMB, SILL, HEADER DETAILS

A-3.2

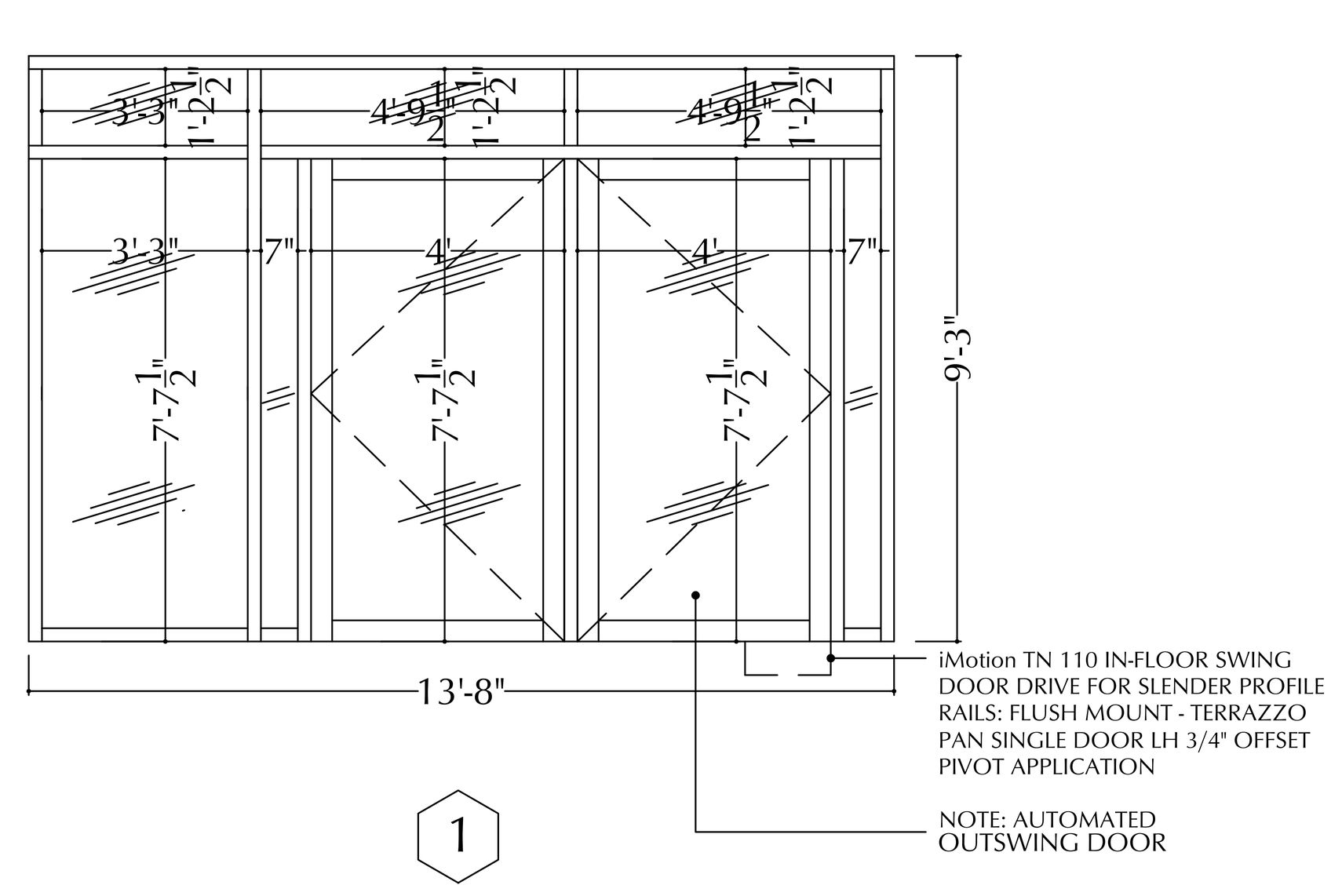
SEAL:

GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. ALL GLAZING REQUIREMENTS FOR WINDOW AND DOORS WILL BE E-GLASS BALLISTIC PROOF - GLASS-CLAD POLYCARBONATE 2-1/4" NO SPALL (LEVEL 8).
4. ALL WINDOW/DOOR UNIT FRAMES TO BE THERMAL FRAMING SYSTEM (LEVEL 8) PART #BL650.
5. CONTRACTOR TO COORDINATE W/ OWNER TO HAVE ALL LOCKSETS KEYED TO OWNER SPECIFICATIONS.
6. ALL EXTERIOR WINDOW AND DOOR UNIT FRAMES TO BE FINISHED COLOR: BRONZE.
7. ALL LISTED MANUFACTURER'S ARE AS INDICATED OR APPROVED EQUAL.
8. THIS SCOPE OF WORK IS ALTERNATE 1.
9. ENTRANCE DOORS TO HAVE ADA COMPLIANT COMMERCIAL GRADE CLOSER ARMS, HANDLE BARS & PANIC BARS.
10. ENTRANCE DOORS TO HAVE COMMERCIAL GRADE SINGLE CYLINDER DEAD BOLT & LOCKSET.
11. ENTRANCE DOORS TO HAVE COMMERCIAL GRADE ADA COMPLIANT THRESHOLD.
12. SCOPE OF WORK PHASE 2B.

WINDOW TYPES



DOOR TYPES



WINDOW SCHEDULE

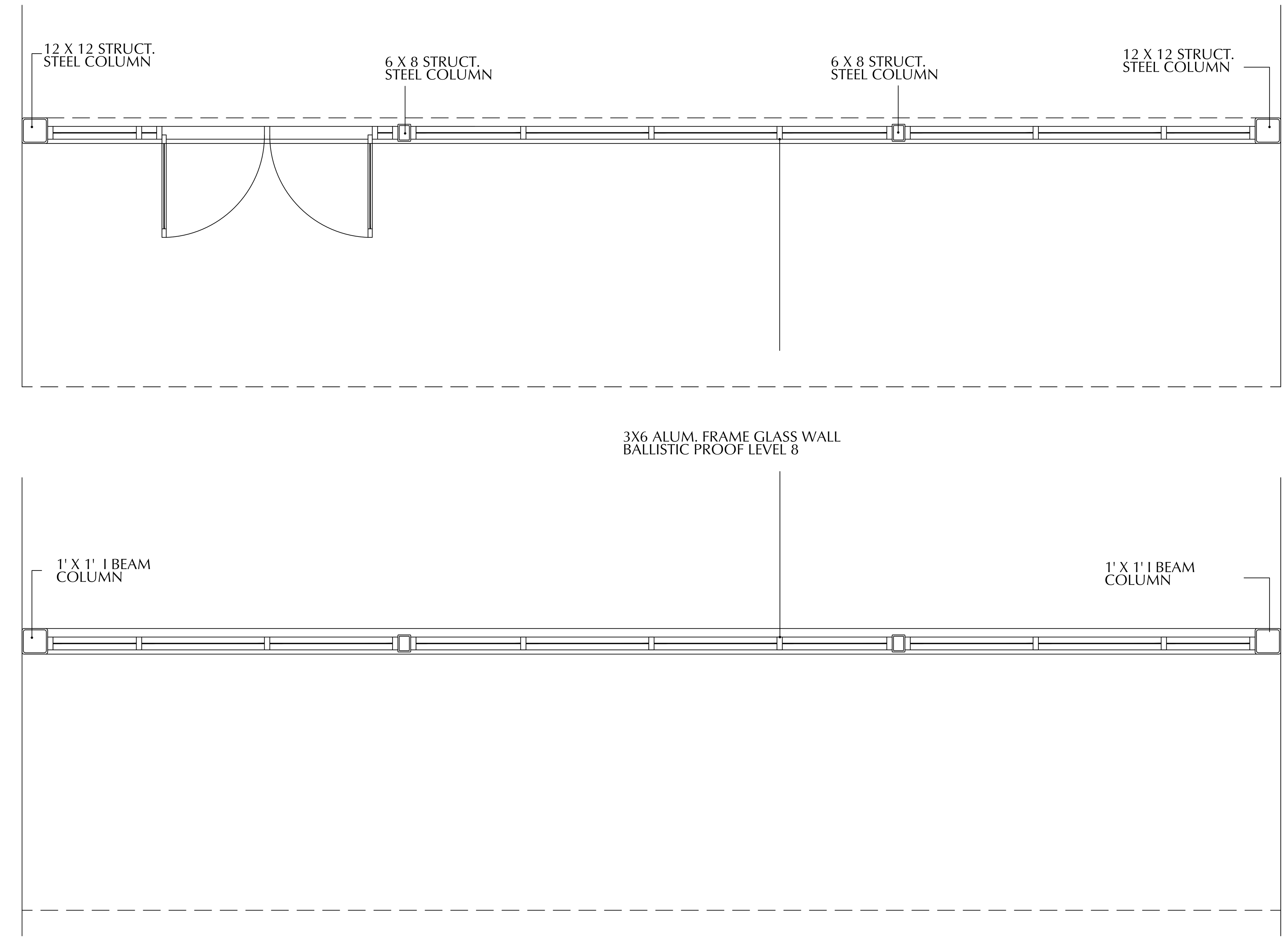
NO.	SIZE OF ROUGH OPENING W X H	WINDOW TYPE	QTY.	MARK	MATERIALS WINDOW	MATERIALS FRAME	MANUFACTURER/ MODEL (OR EQUAL)	SUBMIT SHOP DRAWINGS	REMARKS
A	18'-9 1/2" X 9'-3"	BALLISTIC LEVEL 8 FRAME & FIXED WINDOW UNIT LOW E IMPACT GLASS	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
B	13'-8"" X 9'-3"	FRAMELESS FIXED WINDOW UNIT LOW E IMPACT GLASS	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
C	13'-8" X 6'-1"	FIXED WINDOW UNIT LOW E IMPACT GLASS	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
D	18'-9 1/2" X 6'-1"	FIXED WINDOW UNIT LOW E IMPACT GLASS	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
E	13'-8" X 6'-1"	FIXED WINDOW UNIT LOW E IMPACT GLASS	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS

DOOR SCHEDULE

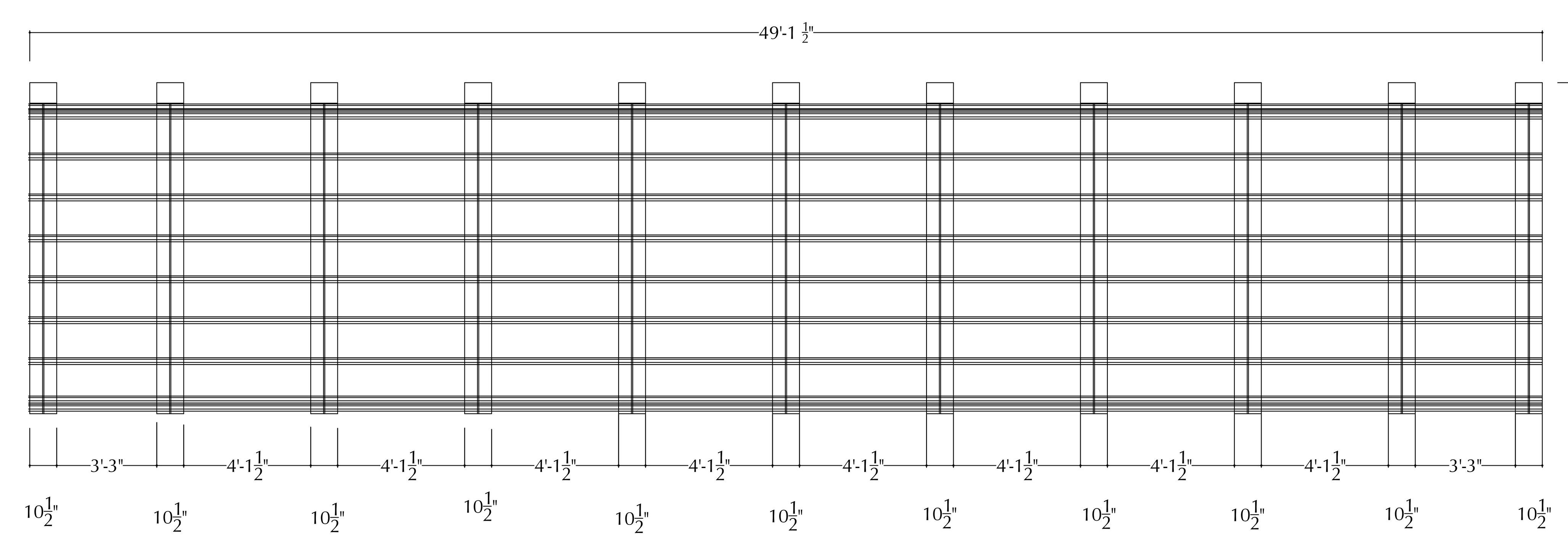
NO.	SIZE OF ROUGH OPENING W X H	DOOR TYPE	QTY.	MARK	MATERIALS DOOR	MATERIALS FRAME	MANUFACTURER/ MODEL (OR EQUAL)	SUBMIT SHOP DRAWINGS	REMARKS
1	13'-8" X 9'-3"	BALLISTIC LEVEL 8 FRAME & GLASS ENTRY DOOR	1		GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS

1 WINDOW & DOOR SCHEDULES
3/8" = 1' - 0"

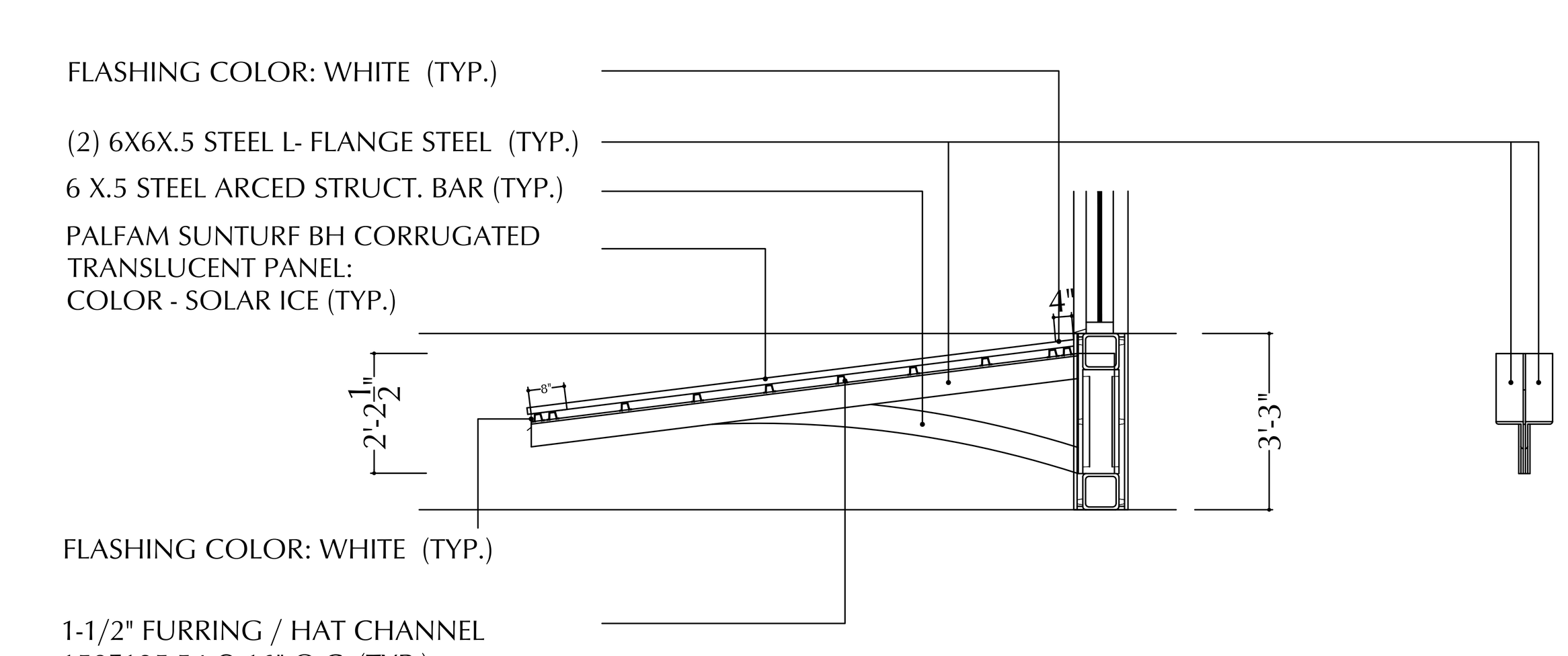
GENERAL NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. ALL GLAZING REQUIREMENTS FOR WINDOW AND DOORS WILL BE E-GLASS BALLISTIC PROOF - GLASS-CLAD POLYCARBONATE 2-1/4" NO SPALL (LEVEL 8).
4. ALL WINDOW/DOOR UNIT FRAMES TO BE THERMAL FRAMING SYSTEM (LEVEL 8) PART #BL650.
5. CONTRACTOR TO COORDINATE W/ OWNER TO HAVE ALL LOCKSETS KEYED TO OWNER SPECIFICATIONS.
6. ALL EXTERIOR WINDOW AND DOOR UNIT FRAMES TO BE FINISHED COLOR: BRONZE.
7. ALL LISTED MANUFACTURER'S ARE AS INDICATED OR APPROVED EQUAL.
8. THIS SCOPE OF WORK IS ALTERNATE 1.
9. ENTRANCE DOORS TO HAVE ADA COMPLIANT COMMERCIAL GRADE CLOSER ARMS, HANDLE BARS & PANIC BARS.
10. ENTRANCE DOORS TO HAVE COMMERCIAL GRADE SINGLE CYLINDER DEAD BOLT & LOCKSET.
11. ENTRANCE DOORS TO HAVE COMMERCIAL GRADE ADA COMPLIANT THRESHOLD.
12. SCOPE OF WORK PHASE 2B.



2 ENTRY CANOPY PLAN:
3/8" = 1' - 0"



3 ENTRY CANOPY FRAMING PLAN
3/8" = 1' - 0"



4 ENTRY CANOPY SECTION
3/8" = 1' - 0"

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
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IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NOTES:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE RESPONSE	10.31.2023
3	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - NEW ENTRY BALLISTIC GLASS CURTAIN WALL WINDOW/DOOR SCHEDULE & NEW ENTRY CANOPY DETAILS

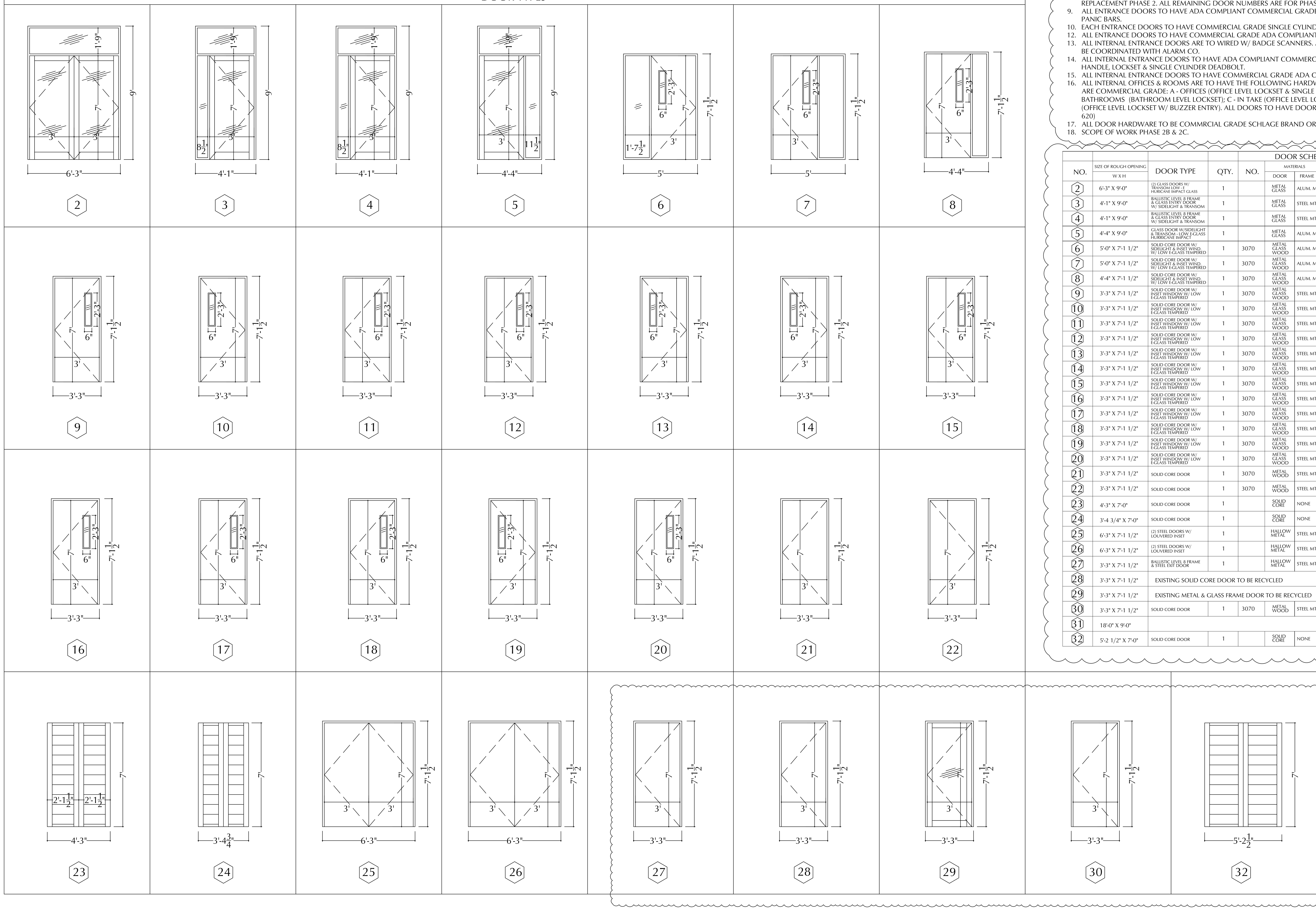
SCALE: AS NOTED | DWN BY: G.L. | CHKD BY: G.L.

DWG NAME:

A-4

SEAL:

DOOR TYPES



1 DOOR SCHEDULES
3/8" = 1' - 0"

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. ALL GLAZING REQUIREMENTS FOR WINDOW AND DOORS WILL BE E-GLASS BALLISTIC PROOF - GLASS-CLAD POLYCARBONATE 2-1/4" NO SPALL (LEVEL 8) UNLESS OTHERWISE INDICATED.
4. ALL WINDOW/DOOR UNIT FRAMES TO BE THERMAL FRAMING SYSTEM (LEVEL 8) PART #BL650.
5. CONTRACTOR TO COORDINATE W/ OWNER TO HAVE ALL LOCKSETS KEYED TO OWNER SPECIFICATIONS.
6. ALL EXTERIOR WINDOW AND DOOR UNIT FRAMES TO BE FINISHED COLOR: BRONZE.
7. ALL LISTED MANUFACTURER'S ARE AS INDICATED OR APPROVED EQUAL.
8. THE SCOPE OF WORK FOR PHASE 2B ARE DOOR UNITS 2&5. DOORS 3,4, 25 & 26 ARE PART OF ROOF REPLACEMENT PHASE 2. ALL REMAINING DOOR NUMBERS ARE FOR PHASE 2C.
9. ALL ENTRANCE DOORS TO HAVE ADA COMPLIANT COMMERCIAL GRADE CLOSER ARMS, HANDLE BARS & PANIC BARS.
10. EACH ENTRANCE DOORS TO HAVE COMMERCIAL GRADE SINGLE CYLINDER DEAD BOLT & LOCKSET.
12. ALL ENTRANCE DOORS TO HAVE COMMERCIAL GRADE ADA COMPLIANT THRESHOLD.
13. ALL INTERNAL ENTRANCE DOORS ARE TO WIRED W/ BADGE SCANNERS. ALL ELECTRONIC LOCKS ARE TO BE COORDINATED WITH ALARM CO.
14. ALL INTERNAL ENTRANCE DOORS TO HAVE ADA COMPLIANT COMMERCIAL GRADE CLOSER ARMS, LEVER HANDLE, LOCKSET & SINGLE CYLINDER DEADBOLT.
15. ALL INTERNAL ENTRANCE DOORS TO HAVE COMMERCIAL GRADE ADA COMPLIANT THRESHOLD.
16. ALL INTERNAL OFFICES & ROOMS ARE TO HAVE THE FOLLOWING HARDWARE REQUIREMENTS WHICH ARE COMMERCIAL GRADE: A - OFFICES (OFFICE LEVEL LOCKSET & SINGLE CYLINDER DEADBOLT); B - BATHROOMS (BATHROOM LEVEL LOCKSET); C - IN TAKE (OFFICE LEVEL LOCKSET); D - INNER LOBBY (OFFICE LEVEL LOCKSET W/ BUZZER ENTRY). ALL DOORS TO HAVE DOOR STOPS PER DOOR LEAF. (436B 620)
17. ALL DOOR HARDWARE TO BE COMMRCIAL GRADE SCHLAGE BRAND OR APPROVED EQUAL.
18. SCOPE OF WORK PHASE 2B & 2C.

DOOR SCHEDULE

NO.	SIZE OF ROUGH OPENING W X H	DOOR TYPE	QTY.	NO.	MATERIALS DOOR	MATERIALS FRAME	MANUFACTURER/ MODEL (OR EQUAL)	SUBMIT SHOP DRAWINGS	REMARKS
2	6'-3" X 9'-0"	(2) GLASS DOORS W/ TRANSOM LOW - E HURICANE IMPACT GLASS	1		METAL GLASS	ALUM. MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS HURRICANE IMPACT FRAME COLOR: BRONZE
3	4'-1" X 9'-0"	BALLISTIC LEVEL 8 FRAME & GLASS ENTRY DOOR W/ SIDELIGHT & TRANSOM	1		METAL GLASS	STEEL MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
4	4'-1" X 9'-0"	BALLISTIC LEVEL 8 FRAME & GLASS ENTRY DOOR W/ SIDELIGHT & TRANSOM	1		METAL GLASS	STEEL MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
5	4'-4" X 9'-0"	GLASS DOOR W/SIDELIGHT & TRANSOM - LOW E-GLASS HURRICANE IMPACT	1		METAL GLASS	ALUM. MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. OR APPROVED EQUAL FRAME COLOR: BRONZE
6	5'-0" X 7'-1 1/2"	SOLID CORE DOOR W/ SIDELIGHT & INSET WIND. W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	ALUM. MTL.	CDF DISTRIBUTORS GLASS ISLAND INC.	YES	CDF 3070 DARK WALNUT STAIN GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
7	5'-0" X 7'-1 1/2"	SOLID CORE DOOR W/ SIDELIGHT & INSET WIND. W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	ALUM. MTL.	CDF DISTRIBUTORS GLASS ISLAND INC.	YES	CDF 3070 DARK WALNUT STAIN GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
8	4'-4" X 7'-1 1/2"	SOLID CORE DOOR W/ SIDELIGHT & INSET WIND. W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	ALUM. MTL.	CDF DISTRIBUTORS GLASS ISLAND INC.	YES	CDF 3070 DARK WALNUT STAIN GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
9	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS GLASS ISLAND INC.	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
10	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
11	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
12	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
13	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
14	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
15	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
16	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
17	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
18	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
19	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
20	3'-3" X 7'-1 1/2"	SOLID CORE DOOR W/ INSET WINDOW W/ LOW E-GLASS TEMPERED	1	3070	METAL GLASS WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
21	3'-3" X 7'-1 1/2"	SOLID CORE DOOR	1	3070	METAL WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN FRAME COLOR: BRONZE
22	3'-3" X 7'-1 1/2"	SOLID CORE DOOR	1	3070	METAL WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN FRAME COLOR: BRONZE
23	4'-3" X 7'-0"	SOLID CORE DOOR	1		SOLID CORE	NONE	ONE DAY CLOSET & DOORS	YES	ALIGN CYBER DOOR COLLECTION MODERN SERIES - COLOR: WHITE
24	3'-4 3/4" X 7'-0"	SOLID CORE DOOR	1		SOLID CORE	NONE	ONE DAY CLOSET & DOORS	YES	ALIGN CYBER DOOR COLLECTION MODERN SERIES - COLOR: WHITE
25	6'-3" X 7'-1 1/2"	(2) STEEL DOORS W/ LOUVERED INSET	1		HALLOW METAL	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF STEEL METAL DOOR W/ INSET LOUVERED STEEL CRAFT - FALCON SZ SERIES DOOR FRAME COLOR: BRONZE
26	6'-3" X 7'-1 1/2"	(2) STEEL DOORS W/ LOUVERED INSET	1		HALLOW METAL	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF STEEL METAL DOOR W/ INSET LOUVERED STEEL CRAFT - FALCON SZ SERIES DOOR FRAME COLOR: BRONZE
27	3'-3" X 7'-1 1/2"	BALLISTIC LEVEL 8 FRAME & STEEL EXIT DOOR	1		HALLOW METAL	STEEL MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5
28	3'-3" X 7'-1 1/2"	EXISTING SOLID CORE DOOR TO BE RECYCLED							
29	3'-3" X 7'-1 1/2"	EXISTING METAL & GLASS FRAME DOOR TO BE RECYCLED							
30	3'-3" X 7'-1 1/2"	SOLID CORE DOOR	1	3070	METAL WOOD	STEEL MTL.	CDF DISTRIBUTORS	YES	CDF 3070 DARK WALNUT STAIN FRAME COLOR: BRONZE
31	18'-0" X 9'-0"								
32	5'-2 1/2" X 7'-0"	SOLID CORE DOOR	1		SOLID CORE	NONE	ONE DAY CLOSET & DOORS	YES	ALIGN CYBER DOOR COLLECTION MODERN SERIES - COLOR: WHITE

HARDWARE SCHEDULE

DOOR NOS.	HARDWARE NUMBER & DESCRIPTION	MODEL NO.	QTY.	REMARKS
1	SCHLAGE HANDLESET MONACO FINISH: 620 ENTRANCE HANDLESET W/ ACCENT LEVER	FA360 MON/ F10 ACC 620	1	ENTRANCE LOCKSET
2, 5, 6, 7, 8, 10, 11, 12, 27, 30	SCHLAGE LEVER: ATHENS (ATH)2 FINISH: 619 US15	ND80ELPD ELECTRIFIED SR FINISH: 619 US15	10	ADA COMPLIANT
13, 15	SCHLAGE LEVER: ATHENS (ATH)2 FINISH: 619 US15	ND80ELPD ELECTRIFIED SR FINISH: 619 US15	2	ENTRY BUZZER OPTION ADA COMPLIANT
14, 16, 17, 18, 19, 20, 29	SCHLAGE LEVER: ATHENS (ATH)2 FINISH: 619 US15	ND50PD ENTRANCE/OFFICE LOCK FINISH: 619 US15	7	OFFICE LOCK ADA COMPLIANT
21, 22	SCHLAGE LEVER: ATHENS (ATH)2 FINISH: 619 US15	ND85PD FACULTY RESTROOM LOCK FINISH: 619 US15	2	BATHROOM LOCK ADA COMPLIANT
23, 24, 32	SCHLAGE EVEREST 29 SL FINISH: 626 US26D	EVEREST 29 SL	3	CLOSET
25, 26	SCHLAGE LEVER: ATHENS (ATH)2 FINISH: 619 US15	ND53PD F109 ENTRANCE LOCK FINISH: 619 US15	2	ENTRANCE LOCK ADA COMPLIANT
28	EXISTING LOCK TO BE RECYCLED	N/A	1	BATH
29	EXISTING LOCK TO BE RECYCLED	N/A	1	OFFICE
ALL DOORS	SCHLAGE SIENA KNOB- HALL/ CLOSET	F10 SIE 620	3	HALL/ CLOSET

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NOTES:

NO.	REVISIONS	DATE:
1	BID PACKAGE RESPONSE	10.31.2023
2	BID PACKAGE REISSUE	12.15.2023

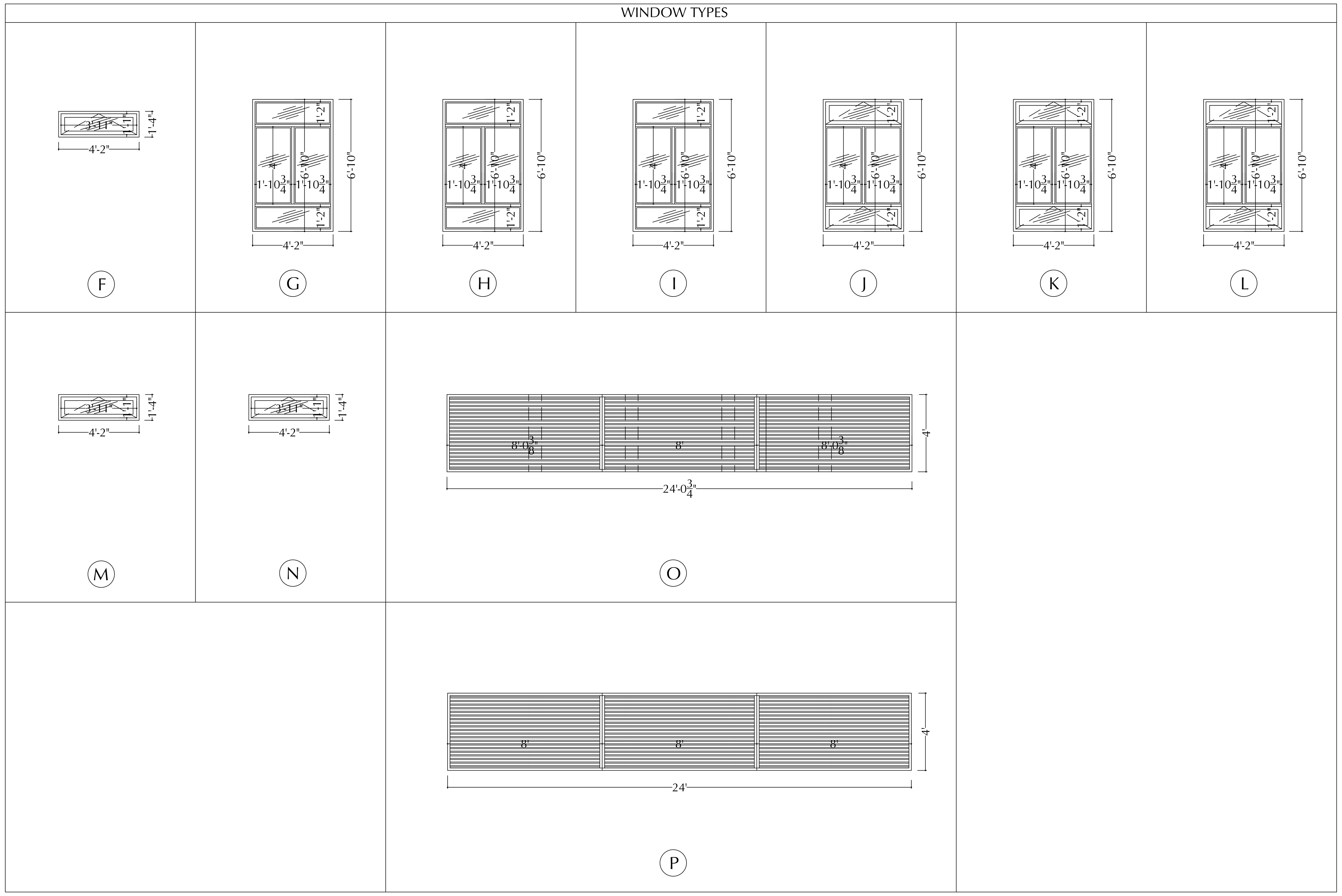
DRAWING TITLE:
PHASE 2 - GROUND FLOOR NEW EMPLOYEE LOUNGE & ADA BATHROOMS WINDOW/DOOR SCHEDULES

SCALE: AS NOTED | DWN BY: G.L. | CHKD BY: G.L.

A-4.1

DWG NAME:

SEAL:



1 WINDOW SCHEDULE
3/8" = 1' - 0"

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. ALL GLAZING REQUIREMENTS FOR WINDOW AND DOORS WILL BE E-GLASS BALLISTIC PROOF - GLASS-CLAD POLYCARBONATE 2-1/4" NO SPALL (LEVEL 8) UNLESS OTHERWISE INDICATED.
4. ALL WINDOW/DOOR UNIT FRAMES TO BE THERMAL FRAMING SYSTEM (LEVEL 8) PART #BL650.
5. CONTRACTOR TO COORDINATE W/ OWNER TO HAVE ALL LOCKSETS KEYED TO OWNER SPECIFICATIONS.
6. ALL EXTERIOR WINDOW AND DOOR UNIT FRAMES TO BE FINISHED COLOR: BRONZE.
7. ~~ALL LISTED MANUFACTURER'S ARE AS INDICATED. OR APPROVED EQUAL.~~
8. THIS SCOPE OF WORK IS FOR PHASE 2C, EXCEPT FOR ITEMS O & P WHICH ARE TO BE INSTALLED IN CONJUNCTION WITH THE ROOF REPLACEMENT.
9. ~~SCOPE OF WORK PHASE 2C.~~

WINDOW SCHEDULE

NO.	SIZE OF ROUGH OPENING W X H	DOOR TYPE	QTY.	NO.	MATERIALS DOOR	MATERIALS FRAME	MANUFACTURER/ MODEL (OR EQUAL)	SUBMIT SHOP DRAWINGS	REMARKS
F	4'-2" X 1'-4"	TRANSOM CASEMENT WINDOW - IMPACT RESISTANT GLASS & MTL. FRAME	1		METAL GLASS	ALUM. MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
G	4'-2" X 6'-10"	(4) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS	STEEL MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
H	4'-2" X 6'-10"	(4) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS	STEEL MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
I	4'-2" X 6'-10"	(4) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS	ALUM. MTL.	TOTAL SECURITY SOLUTIONS	YES	TOTAL SECURITY SOLUTIONS TSS BL 5.5; GCP LOW - E GLASS
J	4'-2" X 6'-10"	(2) CASEMENT WINDOWS W/ (2) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS WOOD	ALUM. MTL.	N/A	N/A	RECYCLED EXISTING WINDOW UNIT
K	4'-2" X 6'-10"	(2) CASEMENT WINDOWS W/ (2) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS WOOD	ALUM. MTL.	N/A	N/A	RECYCLED EXISTING WINDOW UNIT
L	4'-2" X 6'-10"	(2) CASEMENT WINDOWS W/ (2) FIXED UNITS - BALLISTIC LEVEL 8 FRAME & GLASS	1		METAL GLASS WOOD	ALUM. MTL.	N/A	N/A	RECYCLED EXISTING WINDOW UNIT
M	4'-2" X 1'-4"	TRANSOM CASEMENT WINDOW - IMPACT RESISTANT GLASS & MTL. FRAME	1		METAL GLASS WOOD	STEEL MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
N	4'-2" X 1'-4"	TRANSOM CASEMENT WINDOW - IMPACT RESISTANT GLASS & MTL. FRAME	1		METAL GLASS WOOD	STEEL MTL.	GLASS ISLAND INC.	YES	GLASS ISLAND INC. MIAMI FLORIDA. LOW E-GLASS TEMPERED FRAME COLOR: BRONZE
O	24'- 0 3/4" X 4'-0"	METAL FRAME W/ FIXED LOUVERS & RAIN SCREENS	1		LOUVER	STEEL MTL.	E6WF	YES	ARCHITECTURAL LOUVERS COMMERC. GRADE FRAMES - E6WF HURRICANE LOUVERS. COLOR: HEIRLOOM WHITE
P	24'-0" X 4'-0"	METAL FRAME W/ FIXED LOUVERS & RAIN SCREENS	1		METAL GLASS WOOD	STEEL MTL.	E6WF	YES	ARCHITECTURAL LOUVERS COMMERC. GRADE FRAMES - E6WF HURRICANE LOUVERS. COLOR: HEIRLOOM WHITE

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
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NOTES:

NO.	REVISIONS	DATE:
1	BID SET	10.31.2023
2	BID PACKAGE RESPONSE	12.15.2023
3	BID PACKAGE REISSUE	

DRAWING TITLE:
PHASE 2- GROUND & UPPER FLOOR WINDOW/ DOOR SCHEDULE CONTINUED

SCALE: AS NOTED | DWN BY: G.L. | CHKD BY: G.L.

A-4.2

DWG. NAME:

SEAL:

ROOM FINISH SCHEDULE - UPPER FLOOR

ROOM NAME	FLOOR	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	BASE	WINDOW/DOOR MOLDING	CROWN MOLDING	REMARKS
COURTYARD STRUCTURE & UPPER SPACE FRAME STRUCTURE	N/A	DUROCK	DUROCK	DUROCK	DUROCK	EXPOSED	N/A	N/A	N/A	
MODIFIED COURTYARD & HALLWAY WALLS	N/A	DUROCK	DUROCK	DUROCK	DUROCK	DRYWALL CEIL.	N/A	N/A	N/A	
AIR CONDITIONED HALLWAY	N/A	DUROCK	DUROCK	DUROCK	DUROCK	DRYWALL CEIL.	N/A	N/A	N/A	
ADMINISTRATIVE CONF. & FLEX RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	DRYWALL CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
NEW UTILITY ROOM	MANNINGTON COMMERCIAL LVT - TERRATZI BIANC UPW20 1230	DUROCK	DUROCK	DUROCK	DUROCK	DRYWALL CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	

ROOM FINISH SCHEDULE - GROUND FLOOR

ROOM NAME	FLOOR	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	BASE	WINDOW/DOOR MOLDING	CROWN MOLDING	REMARKS
AIR CONDITIONED CONTROLLED ENTRY & HALLWAY	H&C HEAVY SHIELD WATER-BASED SOLID COLOR CONCRETE & DRIV. STAIN	DUROCK	DUROCK	DUROCK	DUROCK	DRYWALL CEIL.	DUROCK FILL W/ COATING H&C HEAVY SHIELD WATER-BASED SOLID COLOR CONCRETE & DRIV. STAIN	N/A	N/A	W/ H&C SHARKGRIP SLIP-RESISTANT ADDITIVE
STAIRWAY	H&C HEAVY SHIELD WATER-BASED SOLID COLOR CONCRETE & DRIV. STAIN	DUROCK	DUROCK	DUROCK	DUROCK	DRYWALL CEIL.	DUROCK FILL W/ COATING H&C HEAVY SHIELD WATER-BASED SOLID COLOR CONCRETE & DRIV. STAIN	N/A	N/A	W/ H&C SHARKGRIP SLIP-RESISTANT ADDITIVE
STORAGE RM	MANNINGTON COMMERCIAL LVT - TERRATZI BIANC UPW20 1230	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
CONFERENCE RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
ADMIN. RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
DIRECT. OFFICE	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
EMPLOYEE LOUNGE/ KITCHEN	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
ADA BATH	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
ADA BATH	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	DRYWALL/ PORC. TILE	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
FAMILY OFFICES LOBBY	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
ADMIN. ASST.	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
INTAKE RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
FAMILY OFFICES	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
PROBATION & PRETRIAL FAMILY OFFICES LOBBY	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
ADMIN. ASST.	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
INTAKE RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
INTAKE RM	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
PROBATION & PRETRIAL OFFICES	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
PROBATION SUPERVISOR OFFICE	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
PRETRIAL SUPERVISOR OFFICE	MANNINGTON COMMERCIAL LVT - SPACIA XPRESS CERAMIC LIGHT SS5S1565	DRYWALL	DRYWALL	DRYWALL	DRYWALL	ACOUST. CEIL.	MANNINGTON COMMERCIAL PREMIUM TS MOLDED WALL BURKEBASE - SKY GRAY 663	N/A	N/A	
AC PAD STRUCTURE	BROOM FIN. CONCRETE	SM. PLAST. 8" CMU & DECOR. BLOCK	SM. PLAST. 8" CMU & DECOR. BLOCK	SM. PLAST. 8" CMU & DECOR. BLOCK	SM. PLAST. 8" CMU & DECOR. BLOCK	N/A	N/A	N/A	N/A	

GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN FIELD. COORDINATE ALL WORK WITH TRADES.
2. ALL EXTERIOR REPAIRS, PATCHES & NEW EXTERIOR DUROCK SURFACES TO BE TEXTURED TO MATCH EXISTING CONDITIONS. ALL SURFACES TO BE PRIMED AND PAINT READY W/ 1 PRIME COAT, 2 FINISH COATS EXTERIOR COMMERCIAL GRADE SATIN FINISH LATEX SHERWIN WILLIAMS BRAND OR APPROVED EQUAL.
3. ALL HALLWAY DUROCK CLASSIFICATIONS ARE TO BE TEXTURED TO MATCH EXISTING FINISH W/ 1 PRIME COAT, 2 FINISH COATS EXTERIOR COMMERCIAL GRADE SATIN FINISH LATEX SHERWIN WILLIAMS BRAND OR APPROVED EQUAL.
4. ALL HALLWAY DROP CEILING CLASSIFICATIONS ARE TO BE SMOOTH FINISHED PAINT READY W/ 1 PRIME COAT, 2 FINISH COATS EXTERIOR COMMERCIAL GRADE SATIN FINISH LATEX SHERWIN WILLIAMS BRAND OR APPROVED EQUAL.
5. ALL INTERIOR TYPE X GYP. BD. SURFACES TO BE SMOOTH FINISHED PAINT READY W/ 1 PRIME COAT, 2 FINISH COATS INTERIOR COMMERCIAL GRADE SATIN FINISH LATEX SHERWIN WILLIAMS BRAND OR APPROVED EQUAL.
6. ALL BATHROOMS TO HAVE WALL DAL-TILE PORCELAIN TILE WAINSCOTING TO BE INSTALLED A MINIMUM OF 5' - 0" ABOVE FINISH FLOOR ON ALL 4 WALLS. TILE TO BE 12 X 12 AND SELECTED BY ARCHITECT.
7. ALL PAINT MUST BE APPLIED & EXECUTED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
8. ALL PAINT COLORS ARE TO BE SELECTED BY ARCHITECT.
9. SCOPE OF WORK PHASE 2, PHASE 2B & PHASE 2C.

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.

20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NO.	REVISIONS	DATE:	NOTES:
1	BID SET	10.31.2023	
2	BID PACKAGE RESPONSE	12.15.2023	
3	BID PACKAGE REISSUE		

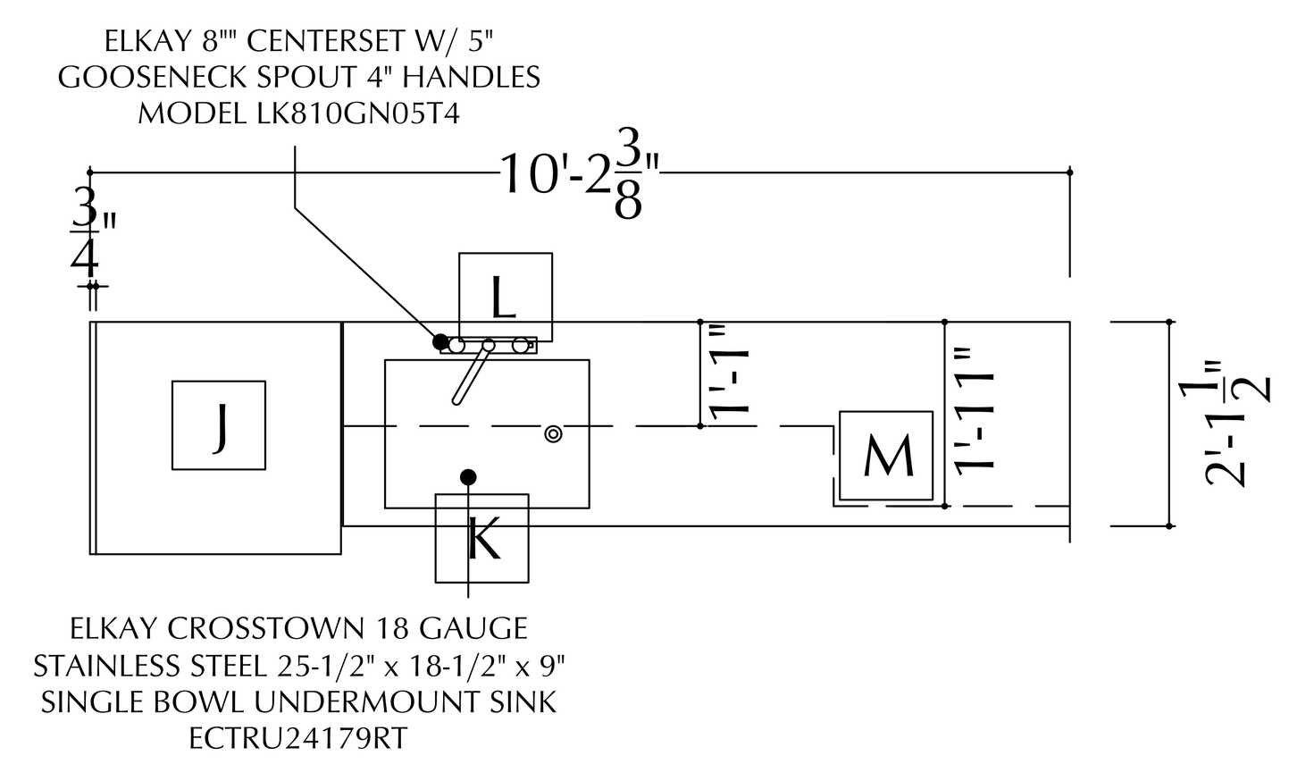
DRAWING TITLE:
PHASE 2 - GROUND & UPPER FLOOR FINISH SCHEDULE

SCALE: AS NOTED | DWN BY: GL | CHKD BY: G.L.

A-4.3

DWG NAME:

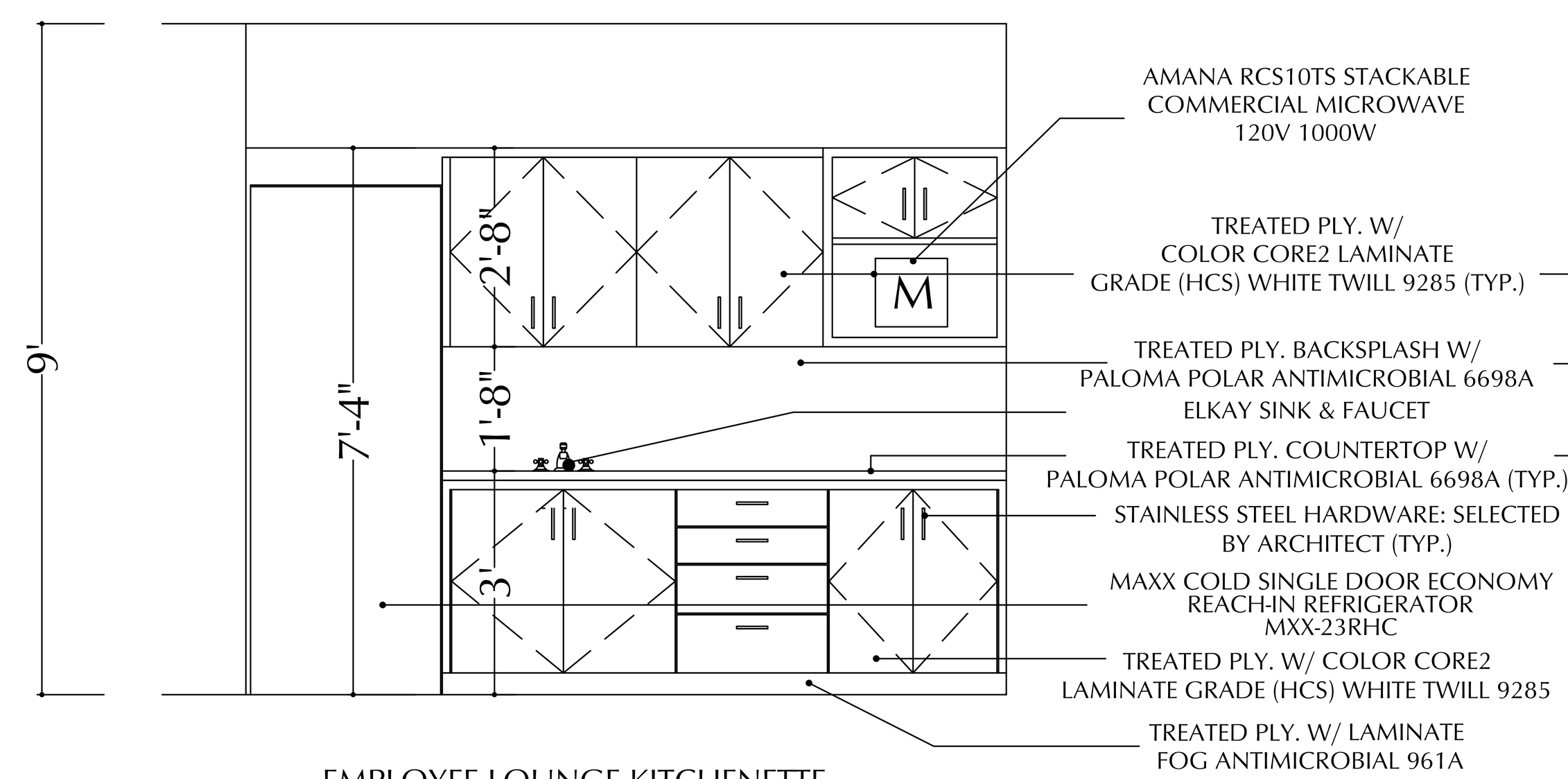
SEAL:



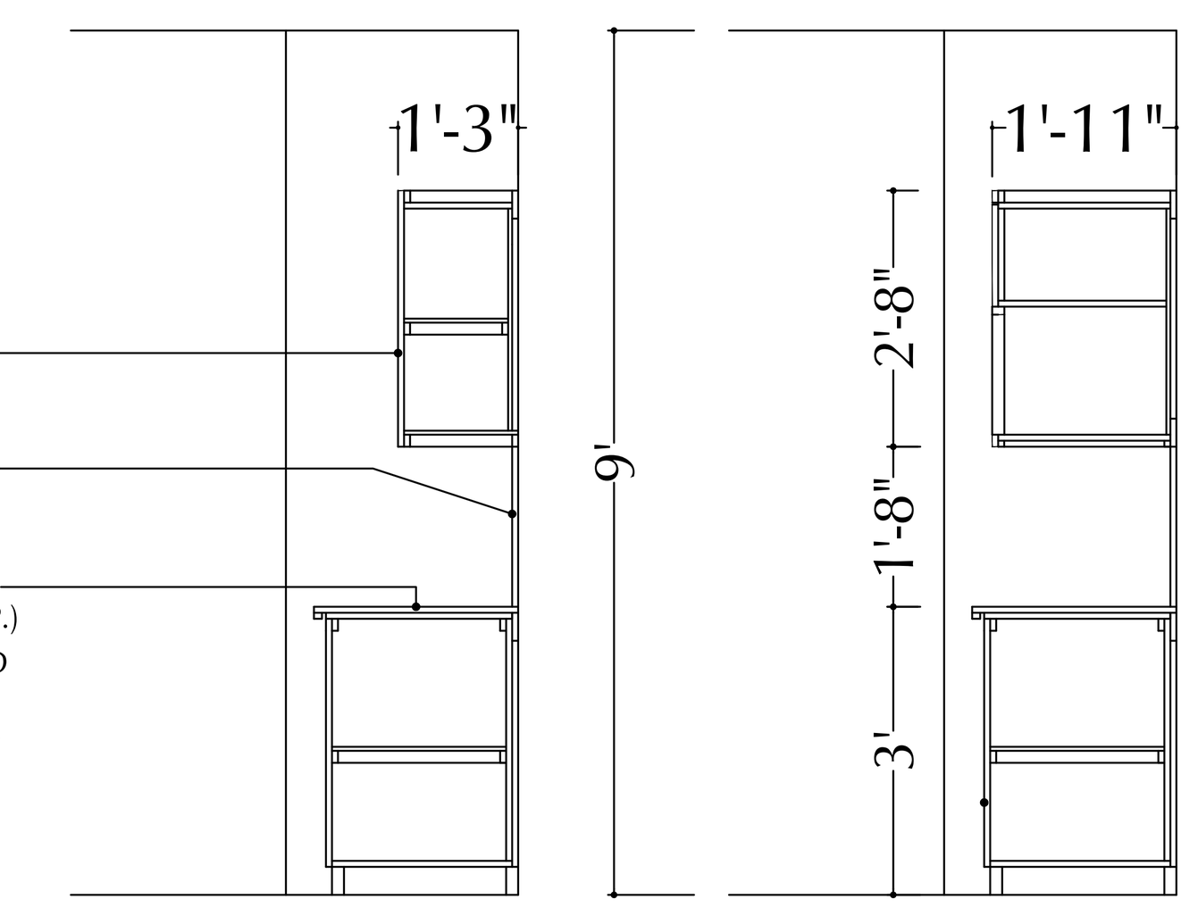
1 EMPLOYEE LOUNGE KITCHENETTE PLAN
3/8" = 1' - 0"

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS IN FIELD.
2. COORDINATE WORK WITH ALL TRADES.
3. ALL CABINATE SUBSTRATE PLYWOOD TO BE GRADE A BORATE TREATED LUMBER.
4. ALL INTERIOR EXPOSED SURFACES TO BE PLASTIC LAMINATE: COLOR - WHITE.
5. ALL VERTICAL EXTERIOR SURFACES EXCEPT BACKSPLASH & BASEBOARD TO BE FORMICA COLOR CORE2 LAMINATE GRADE (HCS) WHITE TWILL 9285.
6. ALL COUNTERTOP & BACKSPLASH SURFACES TO BE FORMICA LAMINATE ANTIMICROBIAL COLLECTION PALOMA POLAR ANTIMICROBIAL 6698A.
7. BASEBOARD TO BE FORMICA LAMINATE ANTIMICROBIAL COLLECTION FOG ANTIMICROBIAL 961A.
8. ALL LISTED MANUFACTURER'S ARE AS INDICATED OR APPROVED EQUAL.
9. SCOPE OF WORK PHASE 2C.



2 EMPLOYEE LOUNGE KITCHENETTE FRONT ELEVATION
3/8" = 1' - 0"



3 EMPLOYEE LOUNGE KITCHENETTE SECTION
3/8" = 1' - 0"

PLUMBING FITTINGS SCHEDULE

MARK	TYPE	QTY.	BRAND	MODEL	FINISH	REMARKS
A	36" HORIZ. GRAB BAR	4	BOBRICK	B-5806 X 36"	SEE NOTE 1	
B	SURFACE MOUNTED DOUBLE ROLL TOILET TISSUE DISPENSER	2	BOBRICK	B-7686 B-76867	SEE NOTE 1	* CLASSIC SERIES
C	SURFACE MOUNTED PAPER TOWEL DISPENSER & WASTE RECEPTACLE	2	BOBRICK	B-43699	SEE NOTE 1	* CONTURA SERIES
E	TILT MIRROR W/ S.S. FRAME	2	BOBRICK	B-293	SEE NOTE 1	
F	LAVATORY MOUNTED SOAP DISPENSER	2	BOBRICK	B-8221	SEE NOTE 1	

NOTES

1	ALL BATHROOM ACCESSORIES TO BE STAINLESS STEEL, SATIN FINISH WHERE AVAILABLE

PLUMBING FIXTURES & APPLIANCES SCHEDULE

MARK	TYPE	QTY.	BRAND	MODEL	FINISH	REMARKS
G	CADET 3 FLOWISE SKIRTED TWO-PIECE ELONGATED TOILET WITH SEAT	2	AMERICAN STANDARD	2989101.020	VITREOUS CHINA/ WHITE	PROVIDE ALL REQUIRED FITTINGS
H	DECORUM WALL HUNG RECTANGLE VESSEL SINK 8" FAUCET HOLES W/ GUARD	2	AMERICAN STANDARD	9134008EC/0062.000	VITREOUS CHINA/ WHITE	PROVIDE ALL REQUIRED FITTINGS
I	SERIN SINGLE HOLE SINGLE HANDLE W/ LEVER HANDLE	2	AMERICAN STANDARD	2064101.295	BRUSHED NICKEL	PROVIDE ALL REQUIRED FITTINGS & PLUG PLATE TO MATCH
J	MAXX COLD SINGLE DOOR ECONOMY REACH-IN REFRIGERATOR	1	MAXX COLD	MXX-23RHC	WHITE	
K	ELKAY CROSSTOWN SS SINGLE BOWL UNDERMOUNT SINK	1	ELKAY	ECTRU24279RT	STAINLESS STEEL	18 GAUGE SS 25-1/2" x 18-1/2" x 9"
L	ELKAY 8"" CENTERSET W/ 5" GOOSENECK SPOUT 4" HANDLES	1	ELKAY	LK810GN05T4	CHROME	
M	AMANA RCS10TS STACKABLE COMMERCIAL MICROWAVE 120V 1000W	1	AMANA	RCS10TS	STAINLESS STEEL	

NOTES

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NOTES:

NO.	REVISIONS	DATE:
1	BID SET	
2	BID PACKAGE RESPONSE	10.31.2023
3	BID PACKAGE RESPONSE	11.24.2023
4	BID PACKAGE REISSUE	12.15.2023

DRAWING TITLE:
PHASE 2 - EMPLOYEE LOUNGE KITCHENETTE PLANS/DETAILS & PLUMB. FIXTURES, FITTINGS & APPLIANCE SCHEDULES

SCALE: AS NOTED | DWN BY: GL | CHKD BY: G.L.

A-4.4

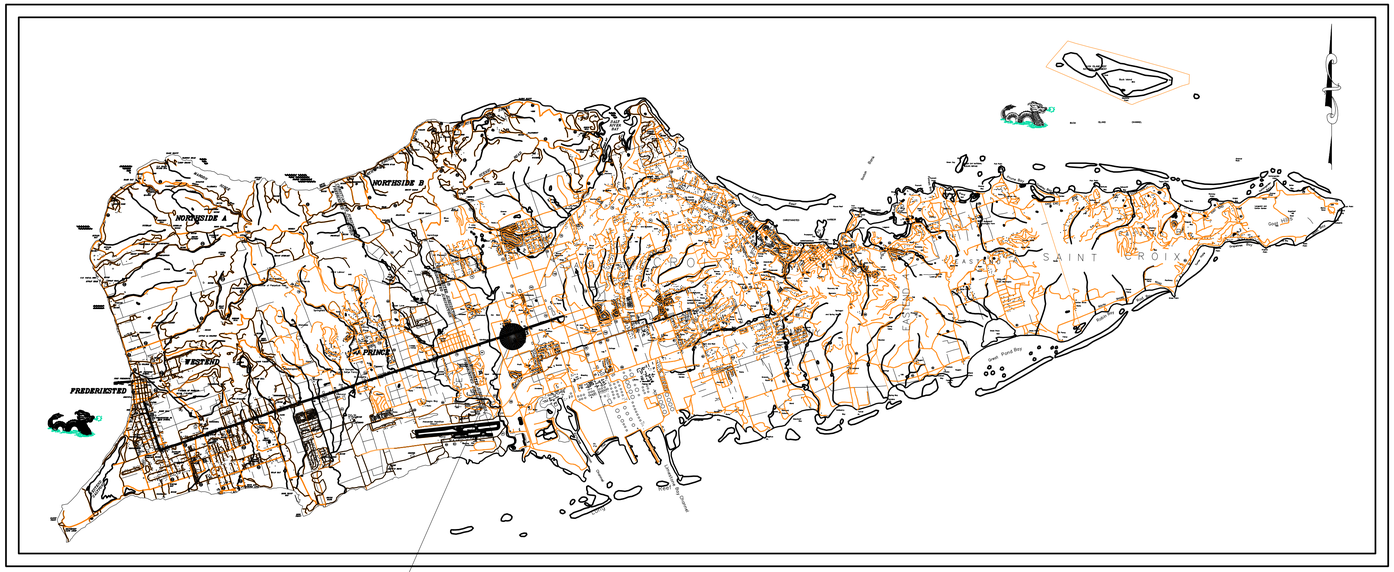
DWG NAME:

SEAL:

ATTACHMENT D

ST. CROIX SUPERIOR COURTHOUSE
CONCRETE PAVED WATERWAY DESIGN
ST. CROIX, USVI

JULY 24, 2023



PROJECT LOCATION

LOCATION
NTS

DRAWING INDEX

TALLER LARJAS, LLC
architecture & design

ANTILLEAN ENGINEERS INC.
No. 1-B CLIFTON HILL, ST. CROIX
PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851
340-778-8828

FINAL SUBMITTAL

NO:	DATE:	REVISION COMMENT:	BY:

RAYMOND M. BERKELEY, P.E.
USVI License No. 903-E

GENERAL NOTES

1. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE REQUIRED SPECIFICATIONS, DETAILS AND EXISTING SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION IMPROVEMENTS DEPICTED IN THESE CONSTRUCTION DOCUMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO PERFORM AND COMPLETE THE WORK DEPICTED IN THESE CONTRACT DOCUMENTS.
3. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DAMAGED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR'S SURVEYOR SHALL REFERENCE THE MONUMENT AND PREPARE A SIGNED AND SEALED DOCUMENT SHOWING THE MONUMENT AND ITS REFERENCE INFORMATION.
4. ALL STATION AND OFFSETS ARE FROM THE C/L OF CONSTRUCTION UNLESS NOTED OTHERWISE.
5. ALL DIMENSIONS ARE IN ENGLISH.
6. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS OF ANY EXCAVATION AND DEMOLITION ACTIVITY A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE BEGINNING OF THE WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY AND REQUIRED TRAFFIC CONTROL.
8. CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ACCESS TO ALL BUSINESS AND RESIDENTIAL ENTRANCES AT ALL TIMES.
9. CONTRACTOR SHALL KEEP THE SITE AND THE ADJACENT PARKING AREAS CLEAN AND FREE OF DEBRIS.
10. ALL ELEVATIONS ARE TO THE FINISH GRADE REGARDLESS OF THE MATERIAL.
11. THE CLEARING AND GRUBBING LIMITS ARE DEFINED BY THE CATCH POINTS OF THE CUT AND FILL SLOPES AS INDICATED ON THE PLAN SHEETS. CLEARING AND GRUBBING LIMITS SHOULD EXTEND A MINIMUM OF 5 FEET BEYOND THE TOE OF SLOPE AT THOSE LOCATIONS WHERE A SILT FENCE WILL BE INSTALLED.
12. PRIOR TO FINAL ACCEPTANCE THE CONTRACTOR SHALL CLEAN/REPAIR ROADWAYS USED OR DAMAGED DURING CONSTRUCTION AS A RESULT OF THIS CONSTRUCTION.
13. CONTRACTOR SHALL COORDINATE WORK WITH OTHER ONGOING PROJECTS THAT MAY IMPACT THIS PROJECT.
14. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION'S OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ANY UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER INSTRUCTION. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE RELOCATION OF VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED.

CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING TREES. UNDER NO CIRCUMSTANCES ANY OF THE EXISTING TREES SHALL BE REMOVED AND/OR DAMAGED.

15. EROSION AND SILTATION CONTROL MEASURES ARE TO BE PROVIDED AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THESE MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR ON A REGULAR BASIS AND ARE TO BE MAINTAINED OR REPAIRED ON AN IMMEDIATE BASIS AS REQUIRED. REFER TO ENVIRONMENTAL QUALITY BOARD PERMITS FOR REQUIREMENTS FOR EROSION CONTROL AND SURFACE DRAINAGE.

ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN
ST. CROIX, USVI

PREPARED FOR:

TALLER LARJAS, LLC
architecture & design

ANTILLEAN ENGINEERS INC.
No. 1-B CLIFTON HILL, ST. CROIX
PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851
340-778-8828

PREPARED BY:

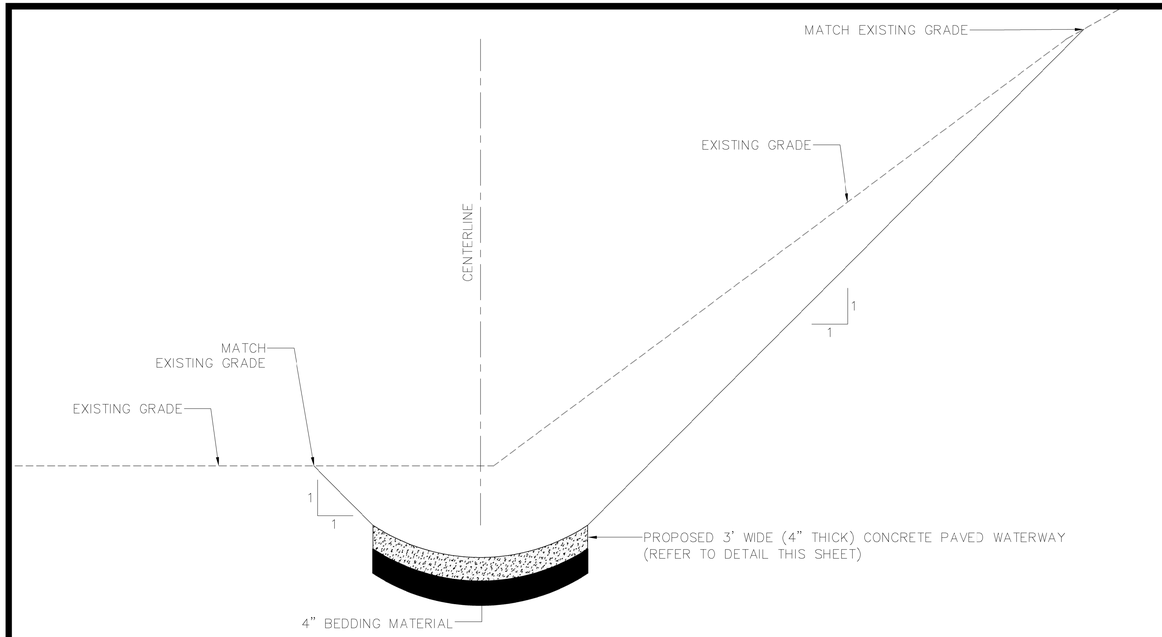
VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

RAYMOND M. BERKELEY, P.E.
USVI License No. 905-E

DATE: 7/24/2023

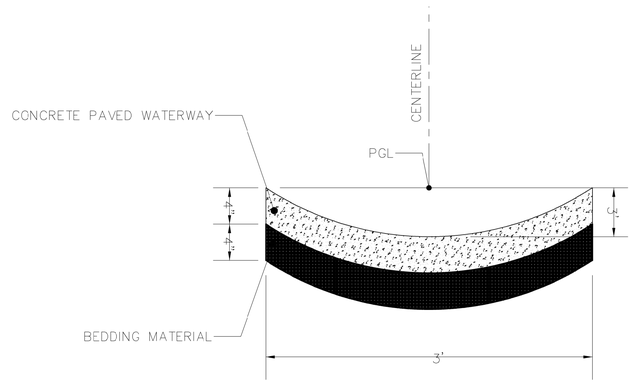
SHEET #: 2 OF 8

DRAWING: C-2.0 GENERAL NOTES



GRAPHIC SCALE
1" = 1'
0' 1' 2' 3'

T YPICAL SECTION
STA 0+00.00 TO STA 3+10.00

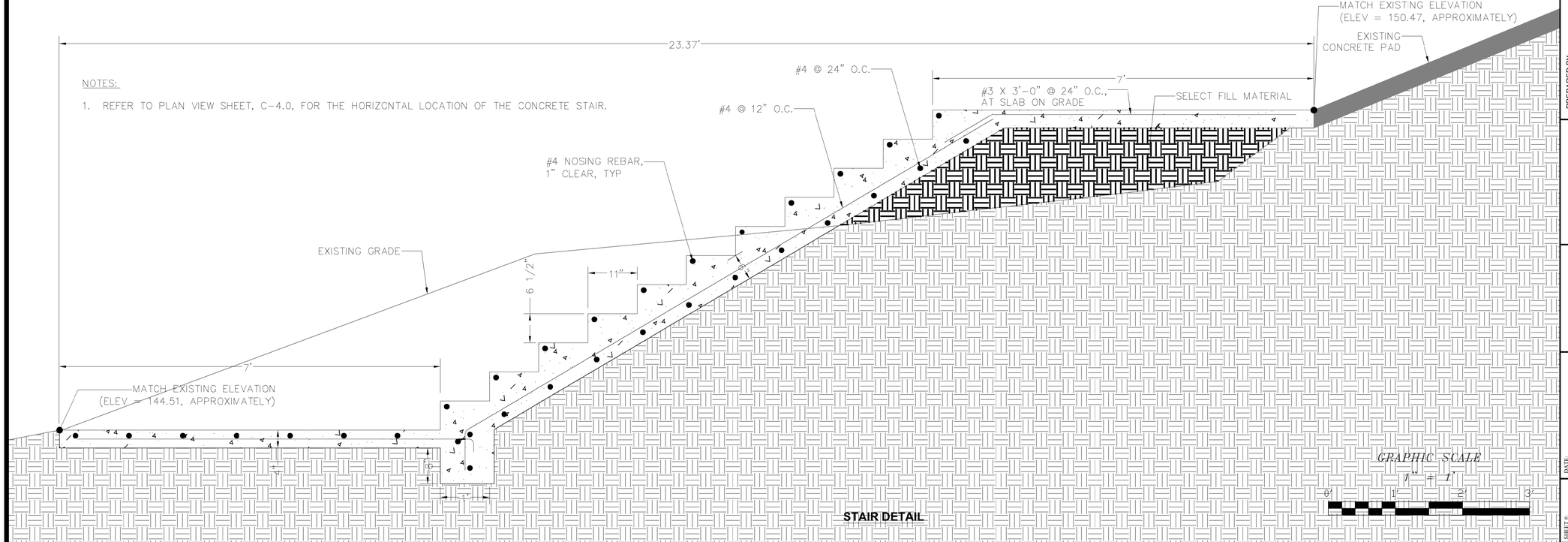


NOTES:

1. CONTRACTOR SHALL ENSURE THAT THE APPROXIMATE SHAPE OF THE CONCRETE PAVED WATERWAY IS AN ARC WITH A RADIUS OF 2.9 FEET.
2. CONTRACTOR SHALL CONSTRUCT THE CONCRETE PAVED WATERWAY IN UNIFORM SECTIONS OF 20 FEET IN LENGTH.
3. THE BEGINNING AND THE END OF THE CONCRETE PAVED WATERWAY (STA 0+00 AND STA 3+10) SHALL BE CONSTRUCTED WITH A 1.5 FEET RADIUS. REFER TO THE PLAN VIEW SHEET, C-4.0.

CONCRETE PAVED WATERWAY DETAIL

SCALE
NOT TO SCALE



NOTES:

1. REFER TO PLAN VIEW SHEET, C-4.0, FOR THE HORIZONTAL LOCATION OF THE CONCRETE STAIR.

GRAPHIC SCALE
1" = 1'
0' 1' 2' 3'

STAIR DETAIL

ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN
ST. CROIX, USVI

PREPARED FOR:

TALLER LARJAS, LLC architecture & design

ANTILLEAN ENGINEERS INC.
No. 1-B CLIFTON HILL, ST. CROIX
PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851
340-778-8828

PREPARED BY:

VERIFY SCALES
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RAYMOND M. BERKELEY, P.E.
USVI License No. 903-E

DATE: 7/24/2023

DETAILS

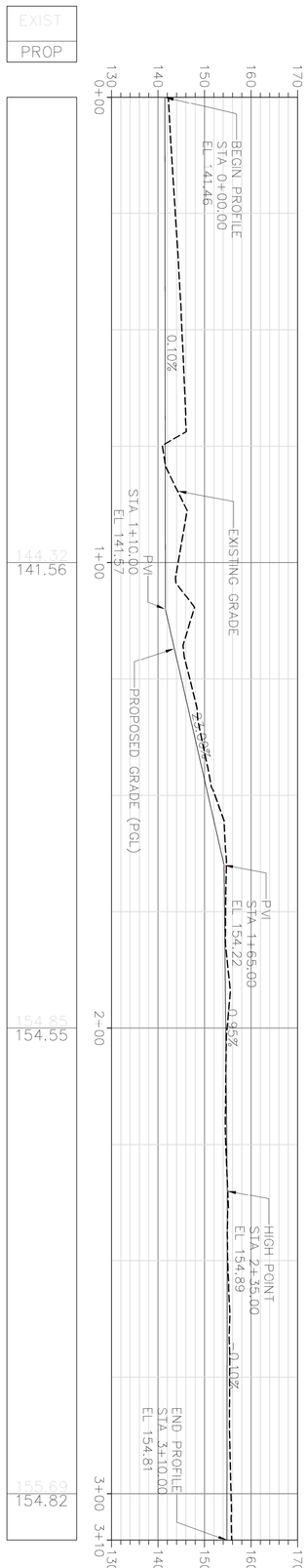
SHEET #: 3 OF 8

DRAWING: C-3.0

PLAN VIEW

GRAPHIC SCALE
1" = 20'
0' 20' 40' 60'

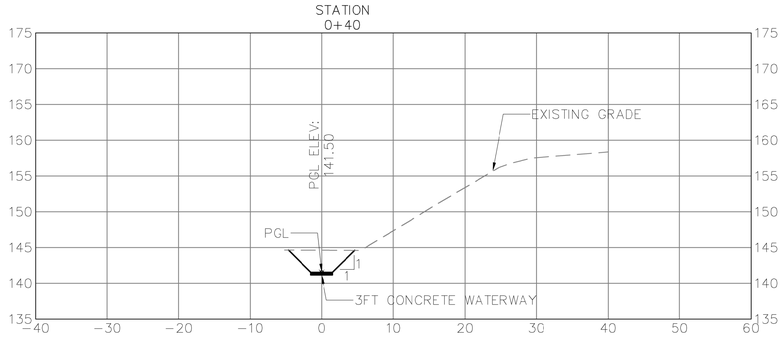
SHEET #:	DATE:			PREPARED BY:	PREPARED FOR:	
4 OF 8	7/24/2023		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	**ANTILLEAN ENGINEERS INC.** No. 1-B CLIFTON HILL, ST. CROIX PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851 340-778-8828	TALLER LARJAS, LLC architecture & design	**ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN** ST. CROIX, USVI
DRAWING:						
C-4.0	PLAN VIEW	RAYMOND M. BERKELEY, P.E. USVI License No. 903-E				

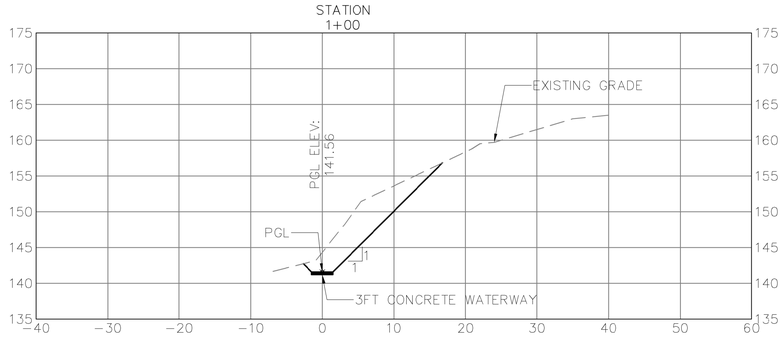


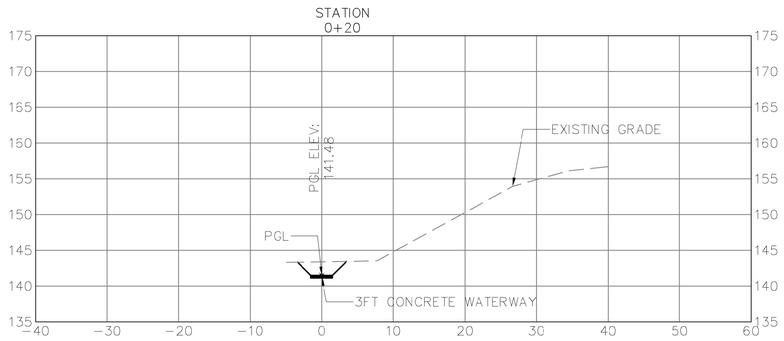
PROFILE VIEW

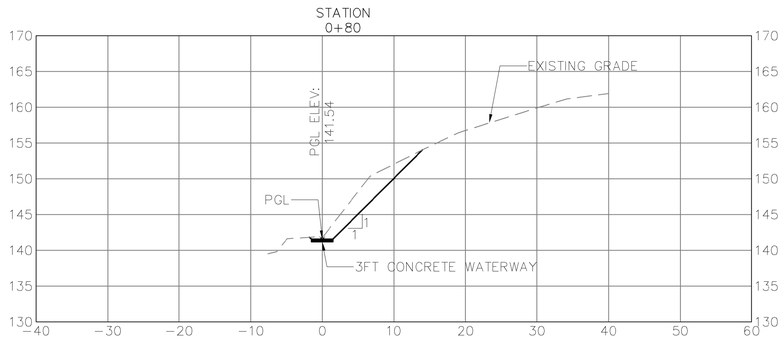
GRAPHIC SCALE
1" = 15'
0'
15'
30'
45'

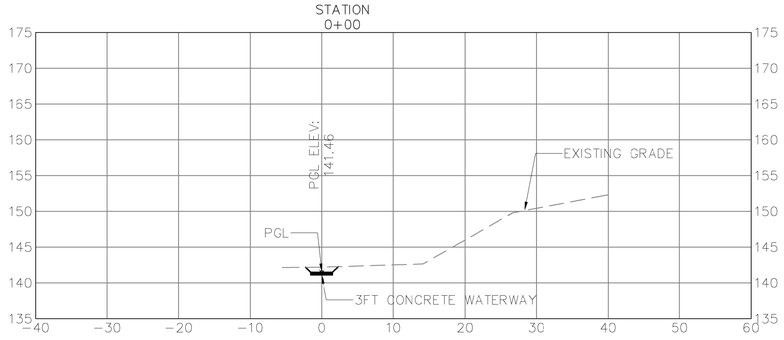
SHEET #: 5 OF 8	DATE: 7/24/2023		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	PREPARED BY:	PREPARED FOR:	**ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN** ST. CROIX, USVI
DRAWING: C-5.0	PROFILE VIEW	RAYMOND M. BERKELEY, P.E. USVI License No. 903-E		**ANTILLEAN ENGINEERS INC.** No. 1-B CLIFTON HILL, ST. CROIX PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851 340-778-8828	TALLER LARJAS, LLC architecture & design	

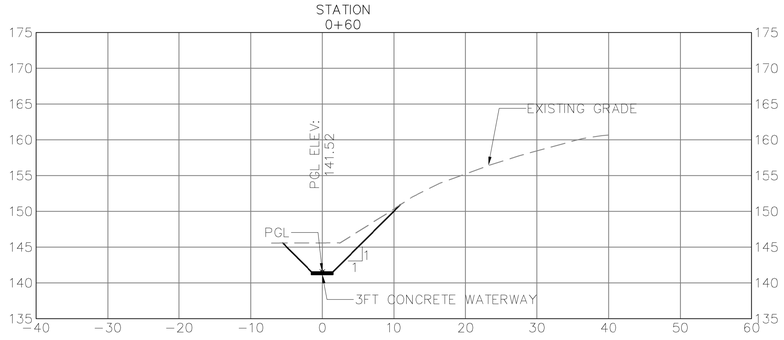












GRAPHIC SCALE
1" = 10'
0' 10' 20' 30'

CROSS SECTIONS

ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN
ST. CROIX, USVI

PREPARED FOR:

TALLER LARJAS, LLC architecture & design

PREPARED BY:
ANTILLEAN ENGINEERS INC.
No. 1-B CLIFTON HILL, ST. CROIX
PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851
340-778-8828

VERIFY SCALES
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RAYMOND M. BERKELEY, P.E.
USVI License No. 903-E

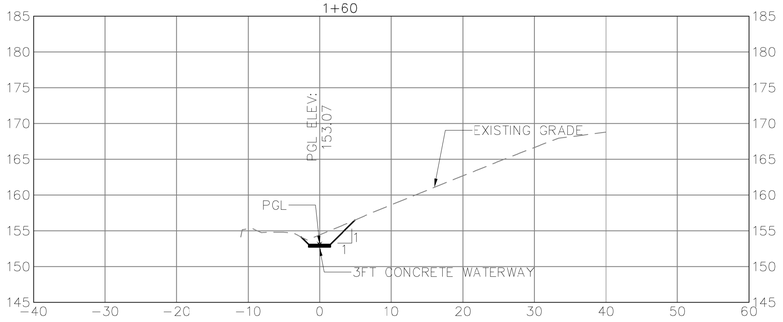
DATE: 7/24/2023

CROSS SECTIONS SHEET 1

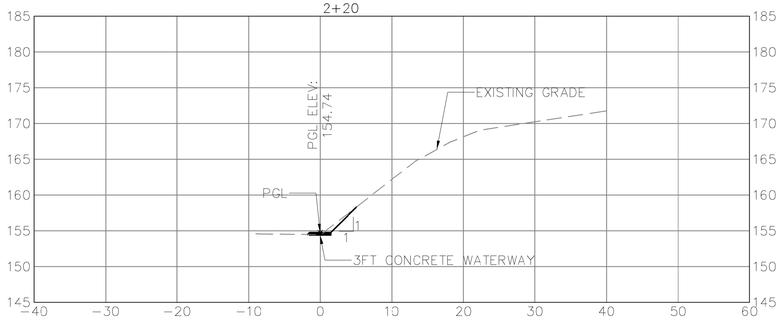
SHEET #: 6 OF 8

DRAWING: C-6.0

STATION
1+60



STATION
2+20



STATION
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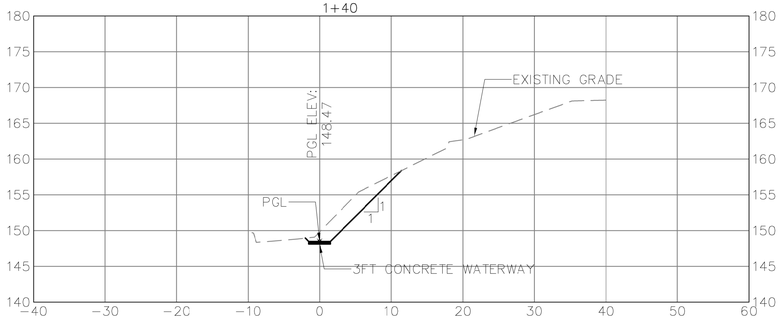
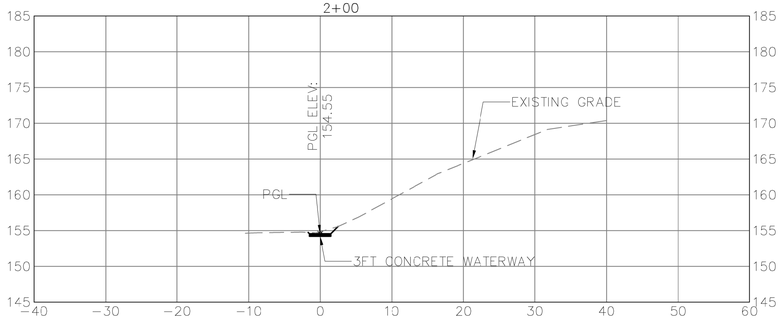


STATION
2+00



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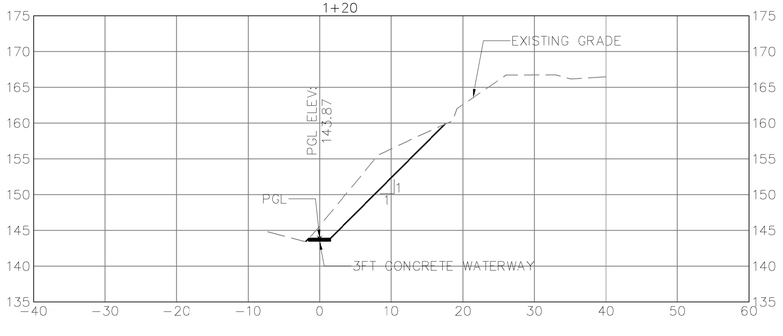

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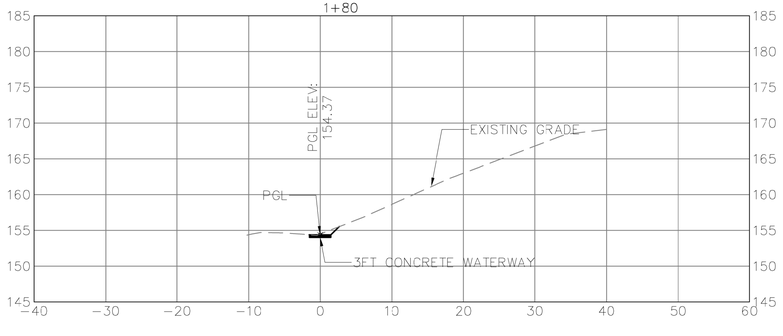

GRAPHIC SCALE
1" = 10'

CROSS SECTIONS

ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN
ST. CROIX, USVI

PREPARED FOR:

TALLER LARJAS, LLC
architecture & design

PREPARED BY:

ANTILLEAN ENGINEERS INC.
No. 1-B CLIFTON HILL, ST. CROIX
PO BOX 3023 KINGSHILL, ST. CROIX USVI 00851
340-778-8828

VERIFY SCALES
BAR IS ONE INCH
ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

RAYMOND M. BERKELEY, P.E.
USVI License No. 905-E

DATE: 7/24/2023

CROSS SECTIONS SHEET 2

SHEET #: 7 OF 8

DRAWING: C-7.0

GRAPHIC SCALE
1" = 10'
0' 10' 20' 30'

CROSS SECTIONS

ST. CROIX SUPERIOR COURTHOUSE CONCRETE WATERWAY DESIGN
ST. CROIX, USVI

PREPARED FOR:

TALLER LARJAS, LLC architecture & design

ANTILLEAN ENGINEERS INC.
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RAYMOND M. BERKELEY, P.E.
USVI License No. 905-E

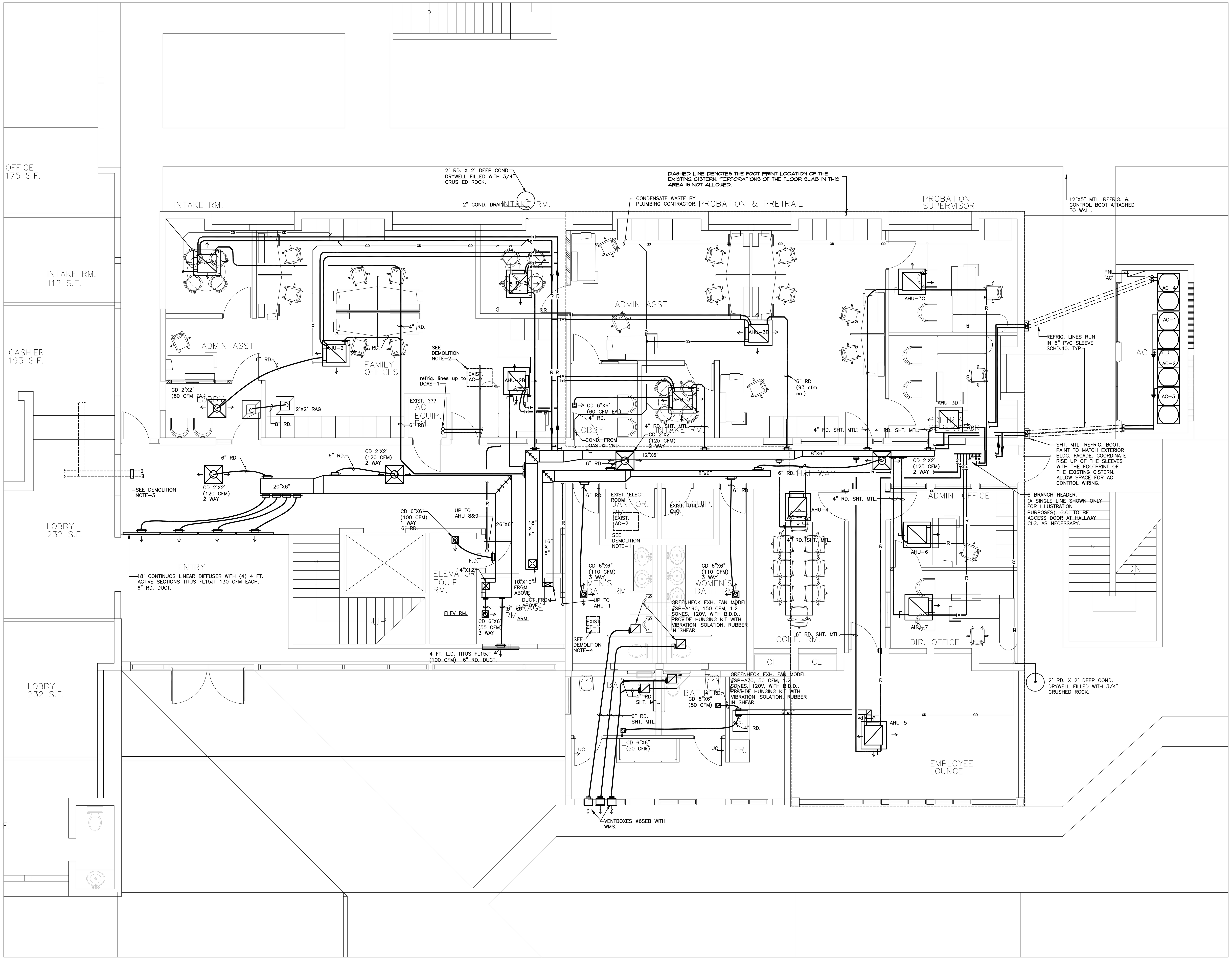
DATE: 7/24/2023

CROSS SECTIONS SHEET 3

SHEET #: 8 OF 8

DRAWING: C-8.0

ATTACHMENT E



PARTIAL GROUND FLOOR PLAN

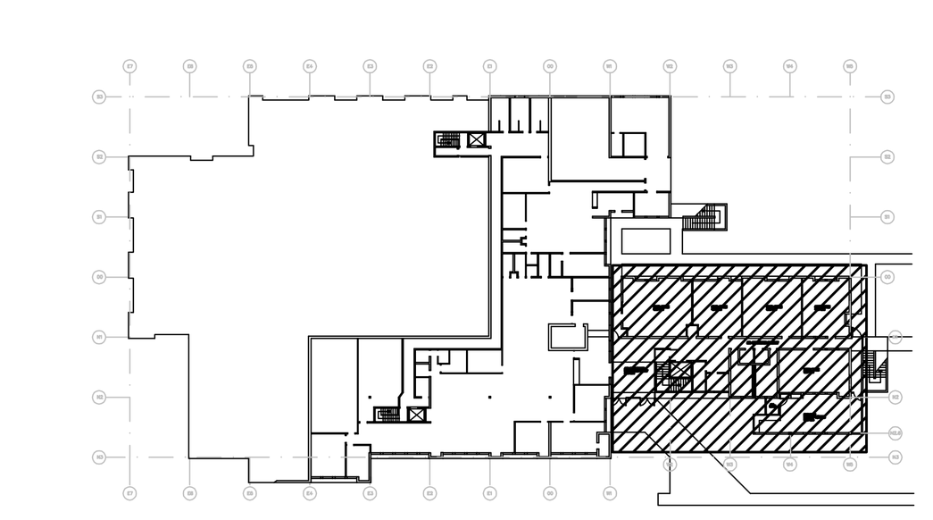
1/4" = 1' – 0"

DEMOLITION NOTES

1. THE EXISTING AHU–2 AND ALL DUCTWORK IS TO BE REMOVED AND DISPOSED OFF.
2. THE EXISTING AHU–1 AND ALL THE DUCTWORK IS TO BE REMOVED AND DISPOSED OFF.
3. EXISTING 1.5" CHILLED WATER LINES TO BE CAPPED WATER TIGHT. REMOVED LINES SERVING THE EXISTING AHU–1 AND 2 SYSTEMS.
4. REMOVE EXISTING FAN EF–1 AND ALL DUCTWORK IS TO BE REMOVED AND DISPOSED OFF.

H.V.A.C. LEGEND :

TG	TRANSFER GRILLE	ACCU	AIR–COOLED CONDENSING UNIT
DG	DOOR GRILLE	(SD)	SMOKE DETECTOR CLG. MTD.
CD	CEILING SUPPLY DIFFUSER	(SD)— – –	DUCT SMOKE DETECTOR
CR	CEILING SUPPLY REGISTER	OA	OUTSIDE AIR
RAR	RETURN AIR REGISTERS	RA	RETURN AIR
ER	EXHAUST AIR REGISTERS	SA	SUPPLY AIR
EG	EXHAUST AIR GRILLE	OAI	OUTSIDE AIR INTAKE
(T)	THERMOSTAT	—R—	REFRIG. PIPING (INSUL. SUCTION & LIQUID)
(T)~~~	THERMOSTAT W/ REMOTE BULB SENSOR		DUCTWORK TRANSITION
F.D. ▲	FIRE DAMPER W/ ACCESS DOOR		VOLUME EXTRACTOR
OBMVD	OPPOSED BLADE MANUAL VOLUME DAMPER	——→	SUPPLY AIR FLOW
VD	VOLUME DAMPER	—⌁→	RETURN AIR FLOW
SD	SPLITTER DAMPER	W.M.S.	WIRE MESH SCREEN
UC	UNDER–CUT (DOOR)	S.R.	SIDEWALL REGISTER
AHU	AIR HANDLING UNIT	○ ALD	AUTOMATIC LOUVERE DAMPER
BDD	BACK DRAFT DAMPER	[S]	MOTION DETECTOR SWITCH
(CC)	CENTRALIZED AC CONTROLLER	[CO2]	CO2 SENSOR



KEY PLAN

NTS

PROJECT TITLE:

SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:

TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410–B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 – 6 1 5 1

NO.	REVISIONS	DATE:
1	REVISED CONSTRUCTION SET	01–07–22

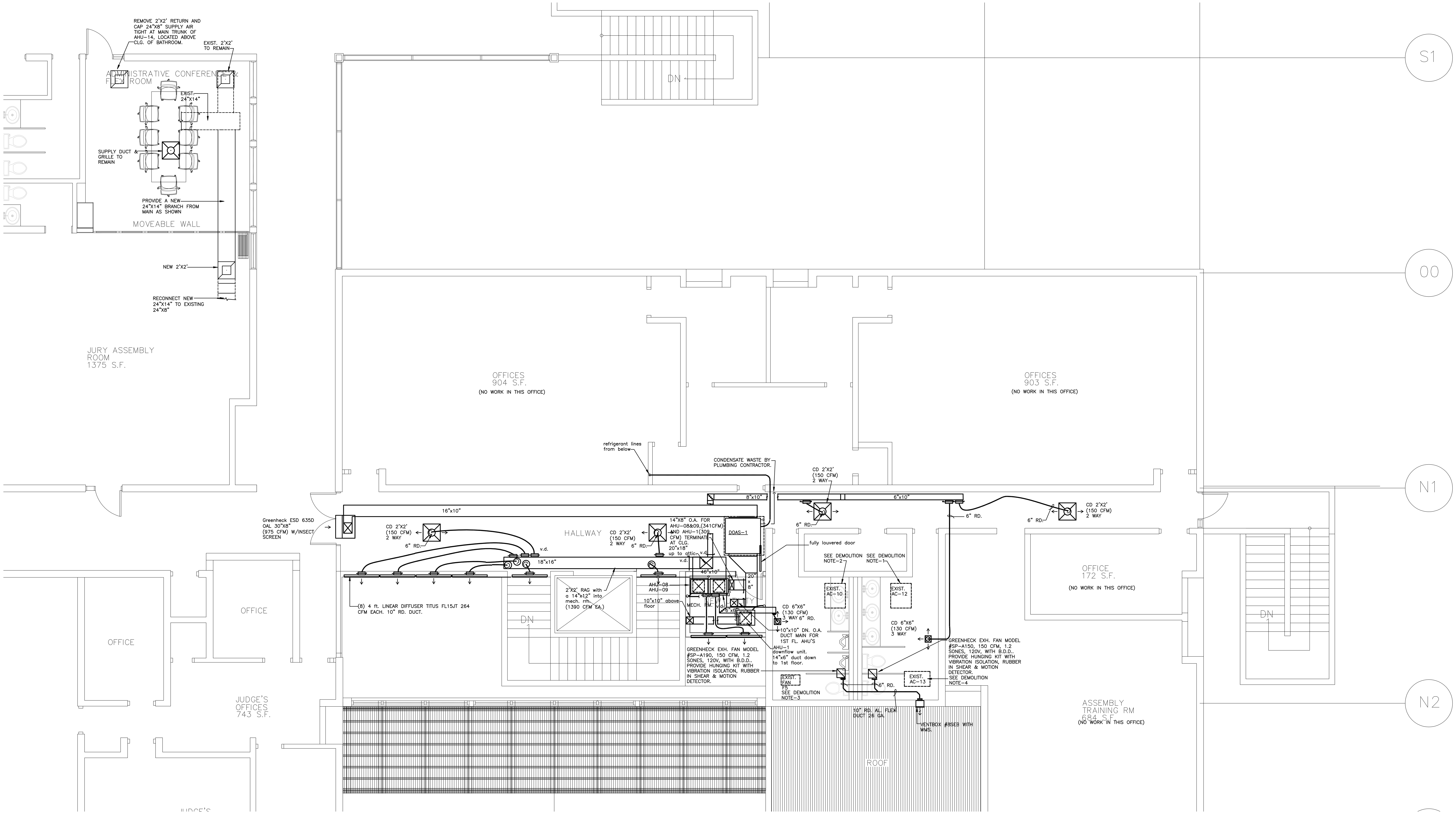
DRAWING TITLE:

SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

DWG NAME:

SEAL:

AC-1



H.V.A.C. LEGEND :

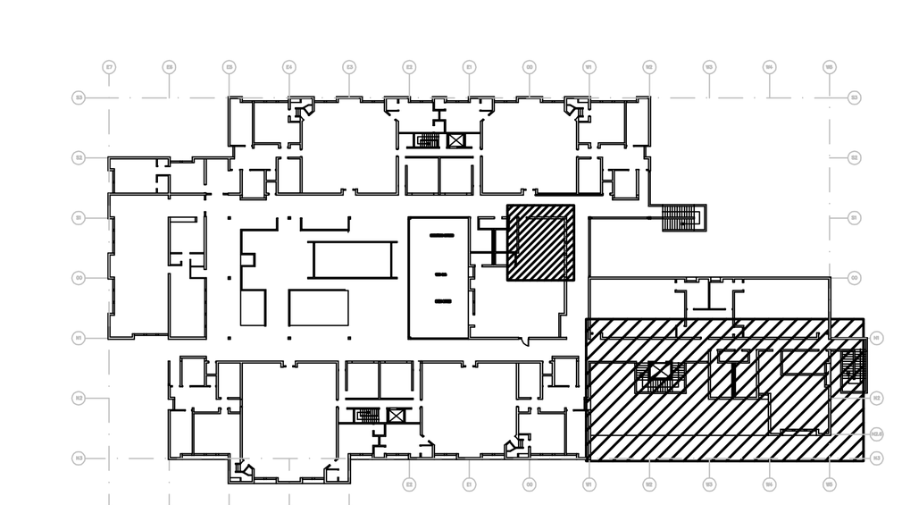
TG	TRANSFER GRILLE	ACCU	AIR-COOLED CONDENSING UNIT
DG	DOOR GRILLE	(SD)	SMOKE DETECTOR CLG. MTD.
CD	CEILING SUPPLY DIFFUSER	(SD)---	DUCT SMOKE DETECTOR
CR	CEILING SUPPLY REGISTER	OA	OUTSIDE AIR
RAR	RETURN AIR REGISTERS	RA	RETURN AIR
ER	EXHAUST AIR REGISTERS	SA	SUPPLY AIR
EG	EXHAUST AIR GRILLE	OAI	OUTSIDE AIR INTAKE
(T)	THERMOSTAT	—R—	REFRIG. PIPING (INSUL. SUCTION & LIQUID)
(T)	THERMOSTAT W/ REMOTE BULB SENSOR		DUCTWORK TRANSITION
F.D.	FIRE DAMPER W/ ACCESS DOOR		VOLUME EXTRACTOR
OBMVD	OPPOSED BLADE MANUAL VOLUME DAMPER		SUPPLY AIR FLOW
VD	VOLUME DAMPER		RETURN AIR FLOW
SD	SPLITTER DAMPER	W.M.S.	WIRE MESH SCREEN
UC	UNDER-CUT (DOOR)	S.R.	SIDEWALL REGISTER
AHU	AIR HANDLING UNIT	ALD	AUTOMATIC LOUVERE DAMPER
BDD	BACK DRAFT DAMPER	S	MOTION DETECTOR SWITCH
(CC)	CENTRALIZED AC CONTROLLER	CO2	CO2 SENSOR

PARTIAL UPPER FLOOR PLAN

1/4" = 1' - 0"

DEMOLITION NOTES

1. EXISTING AC-12 TO REMAIN AS IS.
2. EXISTING AC-10 TO REMAIN AS IS.
3. EXISTING FAN F5 TO BE REMOVED. DUCTWORK TO BE REMOVED AND DISPOSED OFF.
4. EXISTING AC-13 AND DUCTWORK TO REMAIN AS IS.



KEY PLAN

NTS

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R.H. AMPHLETT LEADER JUSTICE CENTER
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ARCHITECTURE:
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IN ASSOCIATION WITH
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NOTES:

ENGINEERING CONSULTANT:
GUSTAVO SOLANO, P.E.
mechanical / electrical consulting engineer

DATE: 01-07-22

REVISIONS
NO. △ REVISED CONSTRUCTION SET

DRAWING TITLE:

SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

AC-2

AIR CONDITIONING GENERAL NOTES

1. ALL FINAL BIDS SHALL BE BASED ON THE APPROVED DOCUMENTS FROM THE BUILDING DEPARTMENT.

2. THE ENGINEER SHALL BE THE FINAL INTERPRETER OF THE WORK PROVIDED UNDER THE ENGINEER'S CONTRACT WITH THE ARCHITECT.

3. ALL WORK TO COMPLY WITH THE 2021 INTERNATIONAL BLDG. CODE & & ALL OTHER LOCAL CODES AND ORDINANCES IN EFFECT.

4. ANY AND ALL INTENDED CHANGES TO THE PLANS SHALL FIRST BE COMMUNICATED TO THE ARCHITECT IN WRITTEN FORM USING CHANGE ORDER FORMAT. CHANGE ORDERS SHALL BE INITIATED BY THE OWNER ONLY.

   4.1 EQUIPMENT SPECIFIED SHALL BE ADHERED TO. HOWEVER, OWNER HAS THE FINAL DECISION ON THE TYPE AND QUALITY OF EQUIPMENT TO BE SUPLLIED. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE OWNER PRIOR TO PURCHASING SUBSTITUTING EQUIPMENT. CONTRACTOR SHALL BEAR THE COST OF ALL ENGINEERING WORK RELATED TO SUBSTITUDED EQUIPMENT.

5. THE WORK THAT IS TO BE DONE UNDER THIS HEADING INCLUDES THE FURNISHINGS OF ALL LABOR, MATERIALS, EQUIPMENT, PERMIT FEES, INSPECTIONS, TESTS, INSURANCE, EXCAVATIONS AND BACKFILLING, ETC., REQUIRED FOR THE COMPLETION OF THE AIR CONDITIONING SYSTEM SHOWN ON THE DRAWINGS AND OR LISTED BELOW. ALL MATERIAL SHALL BE OF AMERICAN MANUFACTURE.

6. CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE THAT ALL WORK SHALL BE FREE FROM DEFFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF EQUIPMENT START–UP AND FINAL ACCEPTANCE. A/C COMPRESSORS TO HAVE FIVE YEAR GUARANTEE. MANUFACTURE'S INSTRUCTIONS AND MANUALS SHALL BE GIVEN TO OWNER.

7.0 DUCTWORK OF FIBERGLASS MATERIAL SHALL BE 1.5 IN. THICK R= 6.0 BOARD BRACING & SUSPENSION IN ACCORDANCE WITH THE RECOMENDATIONS SET FORTH IN THE LATEST EDITION OF THE ASHRAE GUIDE AND SMACNA STANDARDS. DUCT SIZES SHOWN ARE "AIRSIDE" DIMENSIONS. VERIFY EXACT LOCATION OF DUCT WITH RESPECT TO STRUCTURE BEFORE FABRICATION. ALL EXTERIOR DUCTS SHALL BE LINED AND SEALED WEATHER TIGHT AND WITHOUT LEAKS BY SOLDERING AND/OR CAUKING ALL JOINTS AND SEAMS WITH MASTIC. MIXING AND/OR COLLECTION DUCT PLENUMS BEHIND AIR HANDLING EQUIPMENT SHALL BE GALVANIZED SHEET METAL. ALL EXHAUST AND OUTSIDE AIR INTAKES SHALL BE GALVANIZED SHEET METAL 24 GA.

8. FIRE DAMPERS SHALL BE INSTALLED WHERE INDICATED FOR ALL DUCTS PENETRATING FIRE BARRIERS. DAMPERS SHALL BE CONSTRUCTED AND INSTALLED TO CONFORM TO REQUIREMENTS OF NFPA 90–A AND UL 555. FIRE DAMPERS SHALL BE 100% FREE AREA WITH BLADE OUT OF AIR STREAM AND U.L. LISTED. ACCESS SHALL BE PROVIDED FOR REPLACEMENT OF FUSIBLE LINKS.

9. TEST AND BALANCE ALL AIR SYSTEMS TO DELIVER QUANTITIES AT EACH OUTLET WITHIN 5% USING A.A.B.C. PROCEDURES AND TESTS. SUBMIT AIR BALANCE TEST RESULTS FOR APPROVAL PRIOR TO FINAL INSPECTION. TESTING TO BE DONE BY AN APPROVED V.I. REGISTERED TEST & BALANCE INDEPENDENT CONTRACTOR. SUBMIT TEST RESULTS SIGNED & SEALED BY A V.I. (VIRGIN ISLAND) REGISTERED ENGINEER.

10. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.

11. VERIFY ALL VOLTAGES WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT.

12. VERIFY ALL DIMENSIONS WITH STRUCTURE PRIOR TO ANY FABRICATION OR INSTALLATION.

13. AIR DISTRIBUTION DEVICES SHALL BE PRICE, TITUS, METALAIRE, (WHITE FINISHED) OR EQUAL AS FOLLOWS:

    (CD) CEILING DIFFUSER AMD SERIES WITH VOLUME CONTROL DAMPER OPERABLE THRU FACE OF DIFFUSER
    RAG RETURN AIR GRILLE MODEL PDDR–ALUMINUM ROUND INLET.
    O.A.L. OUTSIDE AIR LOUVERS GREENHECK EHH SERIES DADE CO. APPROVED
    ALL AHU'S SHALL BE PROVIDED WITH FILTERS 1" THICK THROW AWAY TYPE INSTALLED AT EQUIPMENT RETURN.

14. PRIOR TO COMMENCEMENT OF WORK VERIFY MEASUREMENTS AT BUILDING SITE. SUBMIT DISCREPANCIES AND DIFFERENCES TO ARCHITECT–ENGINEER FOR CONSIDERATION AND DECISION BEFORE PROCEEDING.

15. OBTAIN FULL INFORMATION REGARDING PECULARITIES AND LIMITATIONS OF SPACE AVAILABLE FOR INSTALLATION OF THE EQUIPMENT AND MATERIALS UNDER CONTRACT, AND PROVIDE READY ACCESSIBILITY TO DAMPERS, VALVES, AND OTHER APPARATUS, INCLUDING ANY PART OF SYSTEM REQUIRED TO BE REACHED FOR MAINTENACE AND OPERATIONS.

16. FLEXIBLE DUCT SHALL BE SELF–SUPPORTING CONTRUCTION WITH 1.5 IN THICK BLANKET TYPE INSULATION WITH EXTERIOR VAPOR BARRIER OF ALUMINUM METALLIZED POLYESTER FILM LAMINATED TO GLASS MESH, ELASTOMER BACK COATED. U.L. STANDARD 181. LOW PRESSURE TYPE AS MANUFACTURED BY WIREMOLD CO., VENTURE TYPE VTKC, THERMAFLEX II, GENFLEX. PROVIDE SPIN COLLAR DAMPER AND EXTRACTOR.

    A. ALL SEAMS AND JOINTS IN ALL DUCTWORK SHALL BE MADE AIRTIGHT. USE AN ADHESIVE SEALING COMPOUND OF SYNTHETIC RUBBER TYPE AS MANUFACTURED BY BENJAMIN FOSTER #30–02, 3M HARDCAST. ADHESIVE SEALER SHALL BE U. L. LISTED.

17. PROVIDE ALL PIPING SPECIALITIES SHOWN IN PIPING DIAGRAMS INCLUDING, BUT NOT LIMITED TO VALVES, BALANCING COCKS, FLEXIBLE PIPE CONNECTORS, STRAINERS, GAUGES, THERMOMETERS, AIR ELIMINATION EQUIPMENT, ETC.

18. PROVIDE ACCESS PANELS IN ALL WALLS AND CEILINGS FOR ALL VALVES, DAMPERS, CONTROL DEVICES, ETC. ACCESS PANELS SHALL BE MILCOR FLUSH TYPE.

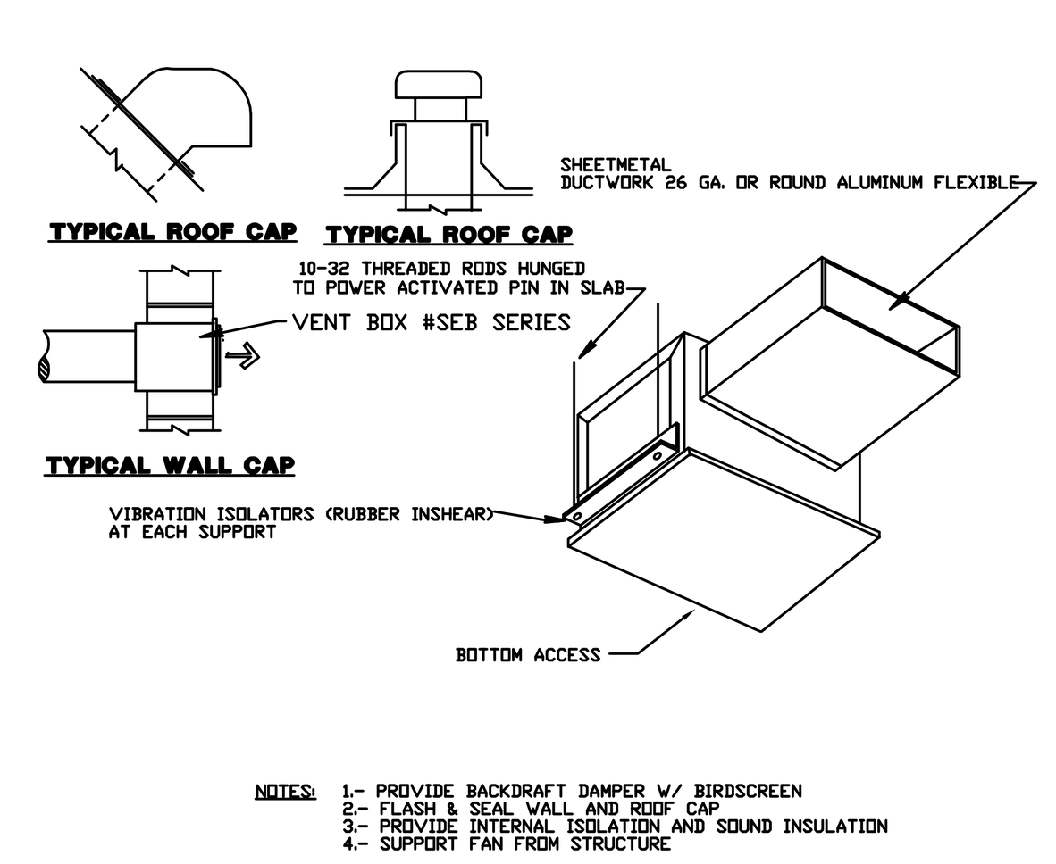
19. TEMPERATURE CONTROL SHALL BE AS INDICATED ON DRAWINGS. AC CONTRACTOR SHALL FURNISH ALL MOTOR STARTERS REQUIRED FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT AND SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.

20. VIBRATION ISOLATION: ALL EQUIPMENT AS PER MANUFACTURER RECOMMENDATIONS(RUBBER IN SHEAR) TO ELIMINATE ANY EQUIPMENT NOISE FROM BEING HEARD.

21. CUT ALL OPENINGS AND CHASES REQUIRED TO ACCOMODATE THE WORK UNDER THIS DIVISION, AND REPAIR ALL FLOORS, WALLS, ETC. DAMAGED BY SUCH CUTTINGS.

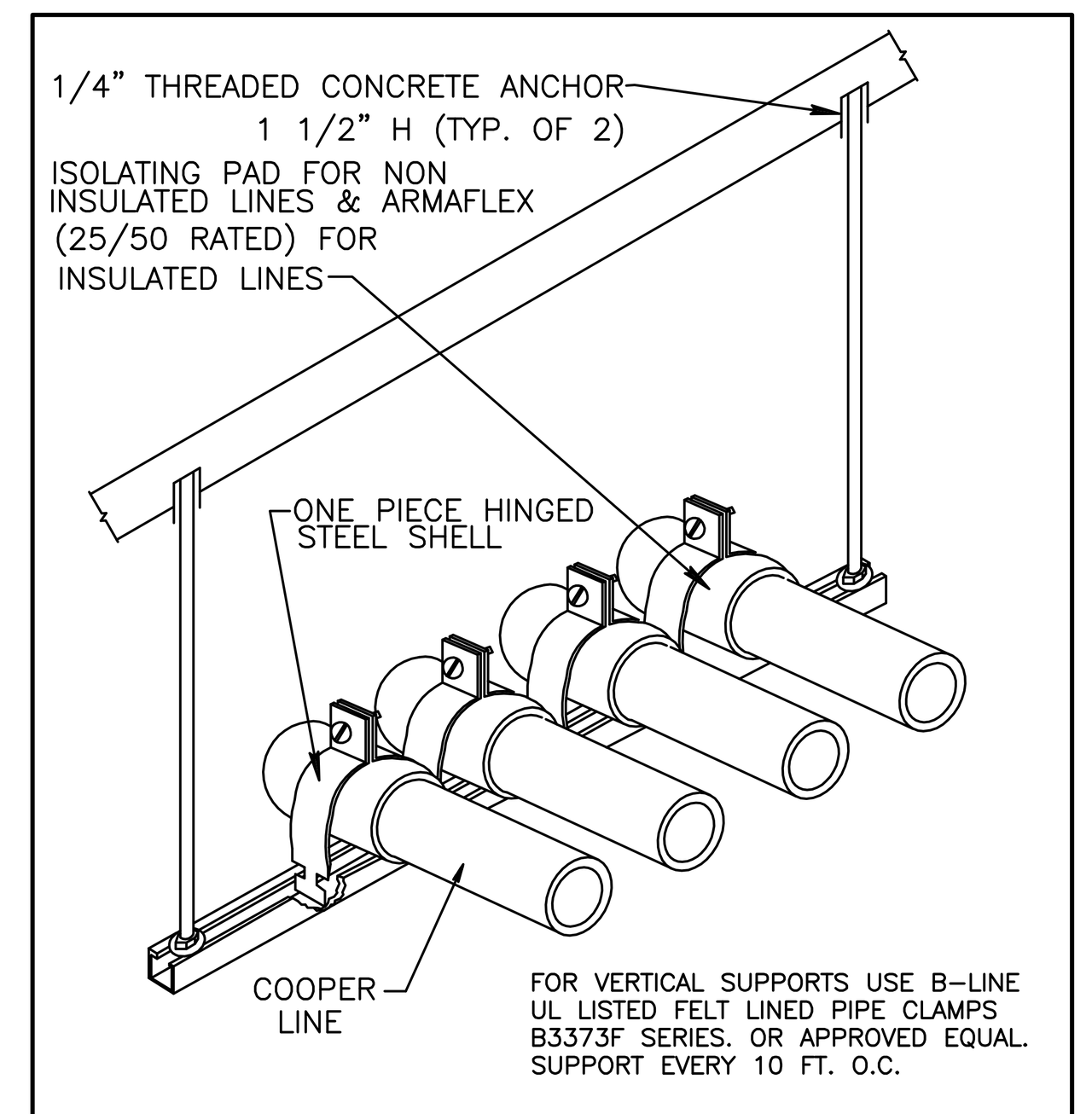
22. PROVIDE CONDENSATE DRAIN PIPING TO CONDENSATE DRAINAGE SYSTEM.
    PIPING SHALL BE INSULATED PVC SCHD. 40 TYPE WITH DRAINAGE FITTINGS AND REMOVABLE CLEANOUTS AT EACH ELBOW.

23. PROVIDE DIELECTRIC FITTINGS WHEN JOINING DISSIMILAR METALS.

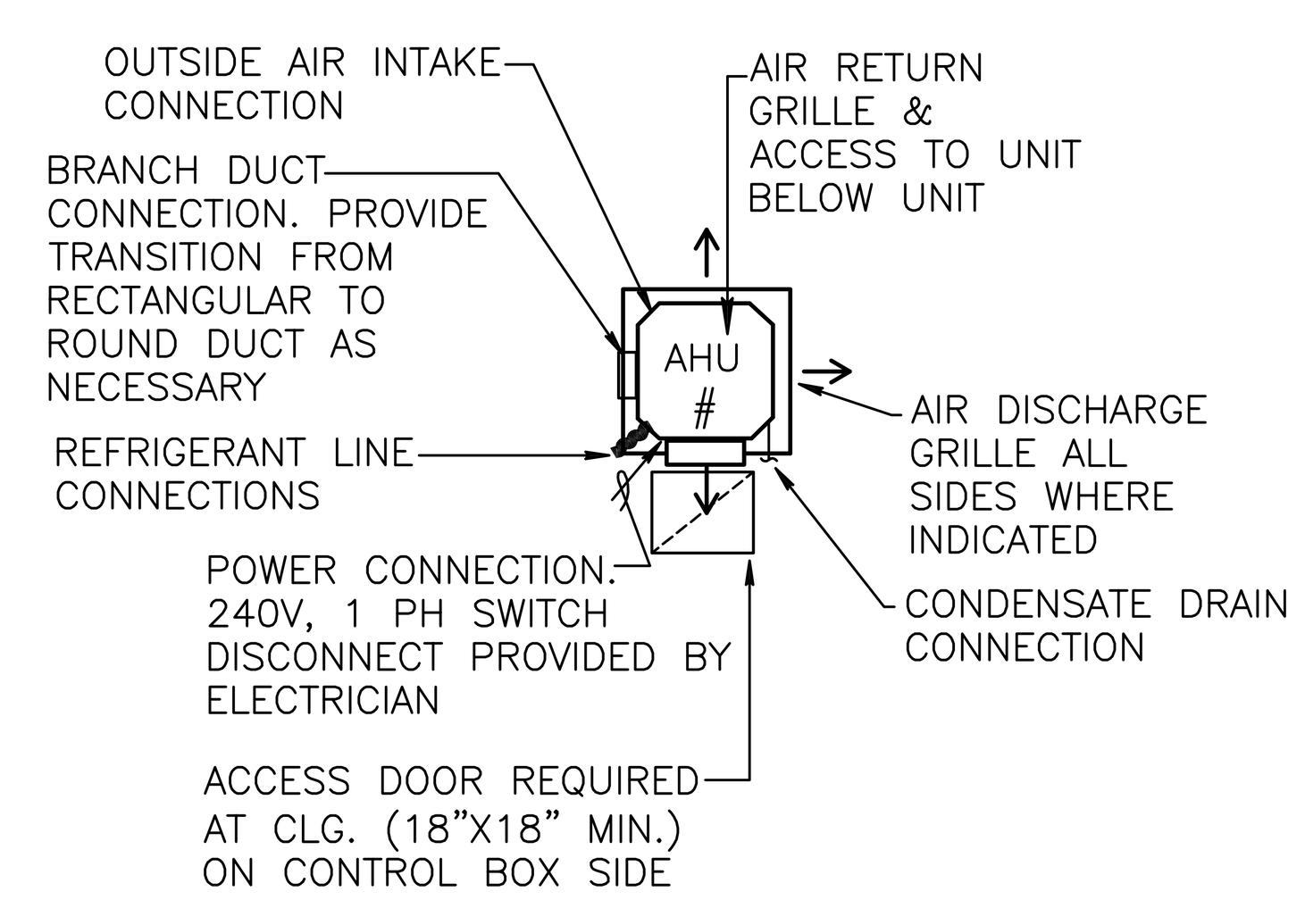


NOTES: 1.- PROVIDE BACKDRAFT DAMPER W/ BIRDSCREEN
2.- FLASH & SEAL WALL AND ROOF CAP
3.- PROVIDE INTERNAL ISOLATION AND SOUND INSULATION
4.- SUPPORT FAN FROM STRUCTURE

CABINET CEILING FAN DETAIL
N.T.S.



REFRIGERANT LINE HORIZONTAL SUPPORT DETAIL
N.T.S.



KEY TO CASSETTE TYPE AIR HANDLER

NTS

OUTSIDE AIR TO AHU'S

UNIT	CALCULATION	TOTAL * (MIN. CFM)
1	BATH EXHAUST: 250 CFM 9990 SF X 0.06 CFM/SF= 59 CFM	309
2	14 PLP X 5 CFM/PLP=70 CFM 981 SF X 0.06 CFM/SF= 95 CFM	129
2A	4 PLP X 5 CFM/PLP= 20 CFM 92 SF X 0.06 CFM/SF=6 CFM	26
2B	1 PLP X 5 CFM/PLP= 5 CFM 127 SF X 0.06 CFM/SF= 8 CFM	13
3	4 PLP X 5 CFM/PLP= 20 CFM 93 SF X 0.06 CFM/SF= 6 CFM	26
3A	4 PLP X 5 CFM/PLP= 20 CFM 93 SF X 0.06 CFM/SF= 6 CFM	26
3B	7 PLP X 5 CFM/PLP= 35 CFM 651 SF X 0.06 CFM/SF= 39 CFM	74
3C	3 PLP X 5 CFM/PER= 15 CFM 160 SF X 0.06 CFM/SF= 7 CFM	22
3D	3 PLP X 5 CFM/PLP= 50 CFM 158 SF X 0.06 CFM/SF= 9 CFM	59
4	8 PLP X 5 CFM/PLP= 45 CFM 177 SF X 0.06 CFM/SF= 11 CFM	56
5	8 PLP X 5 CFM/PLP= 45 CFM 775 SF X 0.06 CFM/SF= 46 CFM	91
6	2 PLP X 5 CFM/PLP= 10 CFM 116 SF X 0.06 CFM/SF= 7 CFM	17
7	3 PLP X 5 CFM/PLP= 15 CFM 118 SF X 0.06 CFM/SF= 7 CFM	22
8 & 9	BATH EXHAUST = 250 CFM 677 SF X 0065 CFM/SF= 41 CFM	291
–	– –	–

* REQUIRED BY IBC 2021 CODE= 5 CFM/PLP.

AHU SCHEDULE (MITSUBISHI SYSTEM)

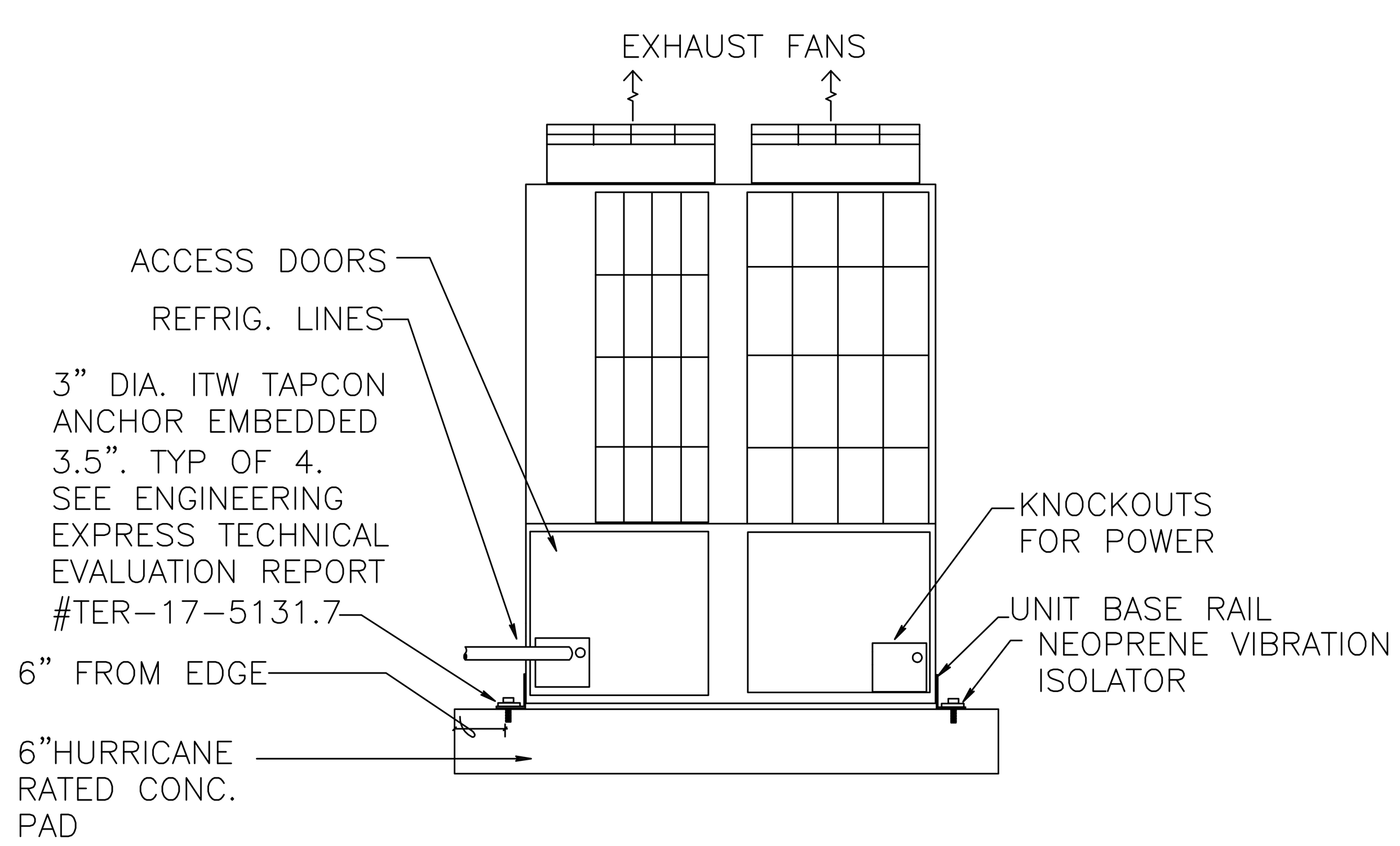
MARK	LOCATION	MANUFACTURER	MODEL NO.	TYPE	AIR QUANITY TOTAL CFM	AIR QUANITY OUT. AIR CFM (3)	COOLING COIL DATA EAT F DB/RH	COOLING COIL DATA LAT DB/WB	CAPACITY TMBH	CAPACITY SMBH	HEATING DATA DESIGN TEMP F	HEATING DATA CAPACITY MBH	SOUND dba	HXWXD INCH	WEIGHT LBS	MOTOR DATA MCA A	MOTOR DATA FUSE A	MOTOR DATA VOLT-PH-HZ
AHU- 1	MECH. RM. 2FL	Mitsubishi	PVFY-P48NAMU-E1 LP-41EAEU	VERTICAL	1485	309	–	–	48	34	68	60	45	59X25X21	172	0.43	15	240-1
AHU- 2	FAMILY OFFICE	Mitsubishi	PLFY-048NEMU LP-41EAEU	CASSETTE	1236	129	–	–	48	34	68	60	45	11.75X33.1X33.1	67	0.21	15	240-1
AHU-2A AHU-2B	IN RM-FAM OFF FAMILY OFFICE	Mitsubishi	PLFY-P08NEMU-E	CASSETTE	530	26 13	–	–	8.0	5.6	68	9.0	31	10.18X33.1X33.1	53	0.33	15	240-1
AHU-3 AHU-3A	IN-RM PRO-PRE	Mitsubishi	PLFY-P08NEMU-E	CASSETTE	530	26 26			8.0	5.6	68	9.0	31	10.18X33.1X33.1	53	0.43	15	240-1
AHU-3C	PRO. & PRET.	Mitsubishi	PLFY-018NEMU LP-41EAEU	CASSETTE	636	22			18	12.6	68	20	45	11.75X33.1X33.1	53	0.21	15	240-1
AHU-3B	PRO. SUPER.	Mitsubishi	PLFY-P15NEMU-E LP-41EAEU	CASSETTE	600	74			15	10	68	17	31	10.18X33.1X33.1	53	0.33	15	240-1
AHU-3D	PRET. SUPER.	Mitsubishi	PLFY-P12NEMU-E LP-12EAEU	CASSETTE	565	59			12	8.4	68	13.5	31	10.18X33.1X33.1	53	0.33	15	240-1
AHU-4	CONFERENCE	Mitsubishi	PLFY-P36NEMU-E	CASSETTE	1201	56			36	25	68	54	54	11.75X33.1X33.1	62	0.21	15	240-1
AHU- 5	EMP. LOUNGE	Mitsubishi	PLFY-24NEMU-E	CASSETTE	777	91			24	17	68	34	37	11.75X33.1X33.1	57	0.21	15	240-1
AHU- 6 AHU- 7	ADMIN OFF DIREC. OFF.	Mitsubishi	PLFY-P08NEMU-E	CASSETTE	530	17 22			8.0	5.6	68	9.0	31	10.18X33.1X33.1	53	0.33	15	240-1
AHU- 8 AHU- 9	MECH. RM. 2FL	Mitsubishi	PLFY-048NEMU LP-41EAEU	VERTICAL	1485	291			48	34	68	60	45	59X25X21	172	0.43	15	240-1
DOAS-1	ATTIC	Mitsubishi	PEFYP-120AR140A	HORIZONTAL	1200	–			112	–	68	61.4	43	9.6X49.25X55.12	309	3.45	15	240-1

NOTES:
1. PROVIDE 1" THICK FILTER.
2. PROVIDE AC CONTROL MODEL TAC–YT53CRAU–J FOR TWO OR THREE CASSETTES AS SHOWN.
3. VIA DOAS UNIT.

CONDENSING UNIT SCHEDULE (MITSUBISHI SYSTEM)

MARK	LOCATION	SELECTION BASED ON MANUFACTURER	MODEL NO.	COMB %	CAPACITY COOLING MBTU	CAPACITY HEATING KW	AHRI REFRIG.(410A) LB-OZ	IEER	COP	ELECTRICAL DATA MIN. AMPS AMPS	START CURR. AMPS	FUSES AMPS	VOLT-PH-HZ	HXWXD INCH	WEIGHT LBS
AC-3 AC-2 AC1	GR FL SE SIDE	Mitsubishi	PUHY-P72TLMU-ABS PUHY-P96TLMU-ABS PUHY-P120TLMU-ABS		288	320	99.82	24.7	3.88	24 33 42	–	35 50 60	208-3-60	64.9X36.25X29.15 64.9X48.0X29.15 64.9X68.9X29.15	435 580 605
AC-4 (DOAS)	GR FL SE SIDE	Mitsubishi	PUHY-P120TLMU-ABS		120	135	17-10	28.8	4.01	42	–	60	208-3-60	64.9X68.9X29.15	671
							–				–				

NOTES:
1. ALL REFIGERANT LINES SHALL BE COPPER TYPE K. COPPER TYPE M PIPE IS NOT ACCEPTABLE.
2. FLUX IS NOT ALLOWED. USE SOLDERING RODS WITH 15% SILVER ONLY.
3. ALL REFRIGERANT LINES SHALL BE PRESSURE TESTED AT 550 PSI FOR 24 HRS. WITH NITROGEN.
4. VACUUM REFRIGERANT LINES 3 TIMES PRIOR TO INTRODUCING REFRIGERANT. USE A TWO STAGE VACUUM PUMP WITH A BACK FLOW PREVENTOR.
5. INSULATE SUCTION AND LIQUID LINES WITH 1/2" THICK (R=4.2) SELF CLOSING ARMAFLEX FOR UP TO 1" PIPES. 0.75" THICK FOR 1.125" PIPES AND LARGER. IF 1.125" PIPES ARE EXPOSED TO OUTSIDE TEMPERATURES PROVIDE 1.25" THICK INSULATION. MITSUBISHI TO PROVIDE INSULATION FOR REFNET JOINTS.
6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS AT ALL TIMES. ALL CONTROL WIRING, LABOR & MATERIALS FOR ALL CONTROL CONNECTIONS BY A/C CONTRACTOR.
7. A/C CONTRACTOR TO SUBMIT TO MANUFACTURER A DIMENSIONED RISER DIAGRAM OF THE FINAL REFRIGERANT PIPING LAYOUT FOR A FINAL REFRIGERANT CHARGE PRIOR TO START UP OF SYSTEM.



CONDENSING UNIT MTG. DETAIL

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
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20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:
GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410-B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 - 6 1 5 1

DATE: 01-07-22

NO. | REVISIONS
△ | REVISED CONSTRUCTION SET

DRAWING TITLE:

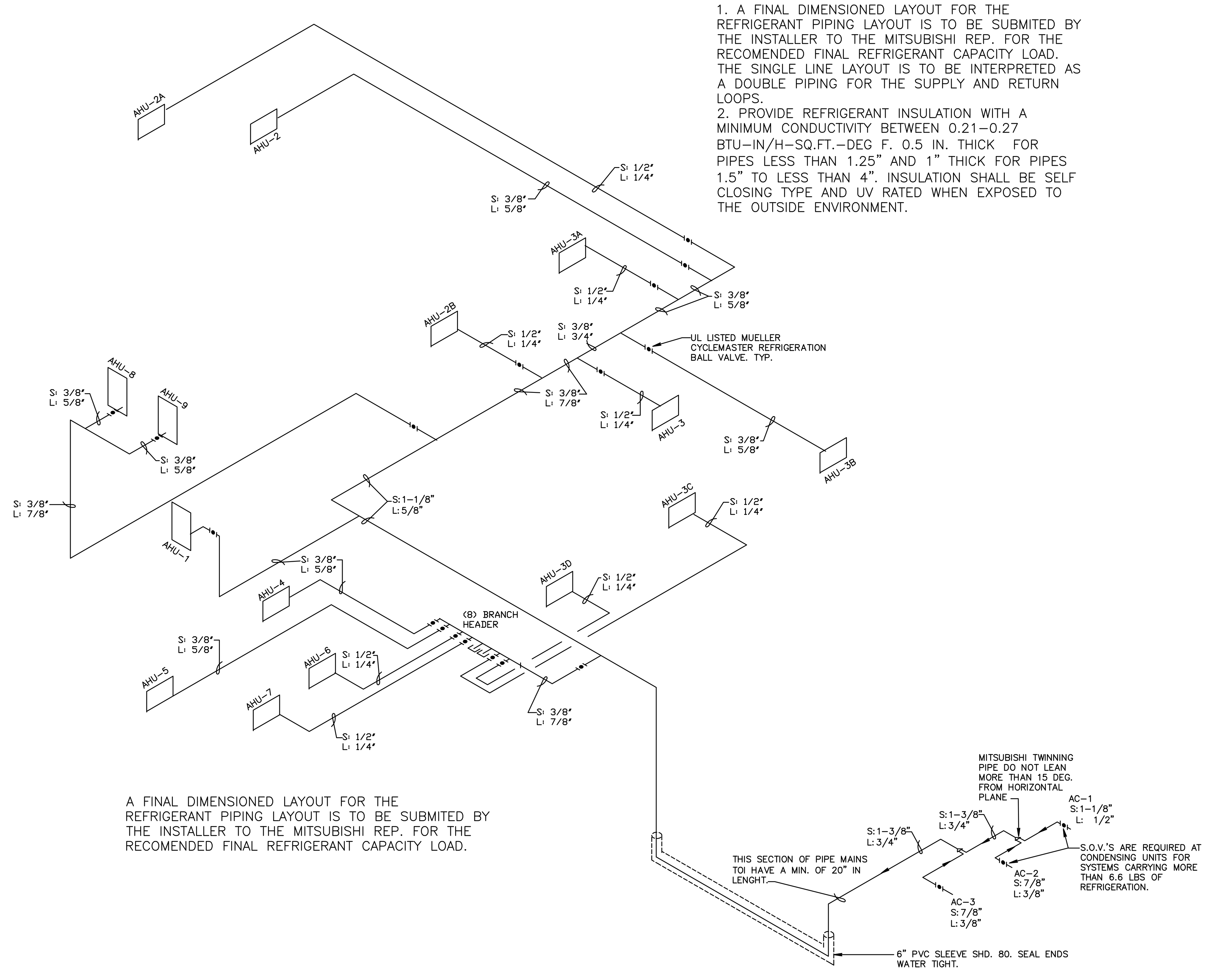
SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

AC-3

1. A FINAL DIMENSIONED LAYOUT FOR THE REFRIGERANT PIPING LAYOUT IS TO BE SUBMITED BY THE INSTALLER TO THE MITSUBISHI REP. FOR THE RECOMENDED FINAL REFRIGERANT CAPACITY LOAD. THE SINGLE LINE LAYOUT IS TO BE INTERPRETED AS A DOUBLE PIPING FOR THE SUPPLY AND RETURN LOOPS.

2. PROVIDE REFRIGERANT INSULATION WITH A MINIMUM CONDUCTIVITY BETWEEN 0.21–0.27 BTU–IN/H–SQ.FT.–DEG F. 0.5 IN. THICK FOR PIPES LESS THAN 1.25" AND 1" THICK FOR PIPES 1.5" TO LESS THAN 4". INSULATION SHALL BE SELF CLOSING TYPE AND UV RATED WHEN EXPOSED TO THE OUTSIDE ENVIRONMENT.



A FINAL DIMENSIONED LAYOUT FOR THE REFRIGERANT PIPING LAYOUT IS TO BE SUBMITED BY THE INSTALLER TO THE MITSUBISHI REP. FOR THE RECOMENDED FINAL REFRIGERANT CAPACITY LOAD.

REFRIGERANT PIPING DIAGRAM

This drawing is schematic in nature. Final routing of piping & wiring shall be determined by the installing contractor and/or designer of record

Additional refrigerant charge is needed depending on the size and length of extended piping. Please refer the amount of pre–charge and the formula of calculation which is mentioned on the data book.

$1.25mm^2$(16 AWG) : $1.25mm^2$(16 AWG) or more. $0.75mm^2$(20 AWG) : between $0.5mm^2$(24 AWG) and $0.75mm^2$(20 AWG).

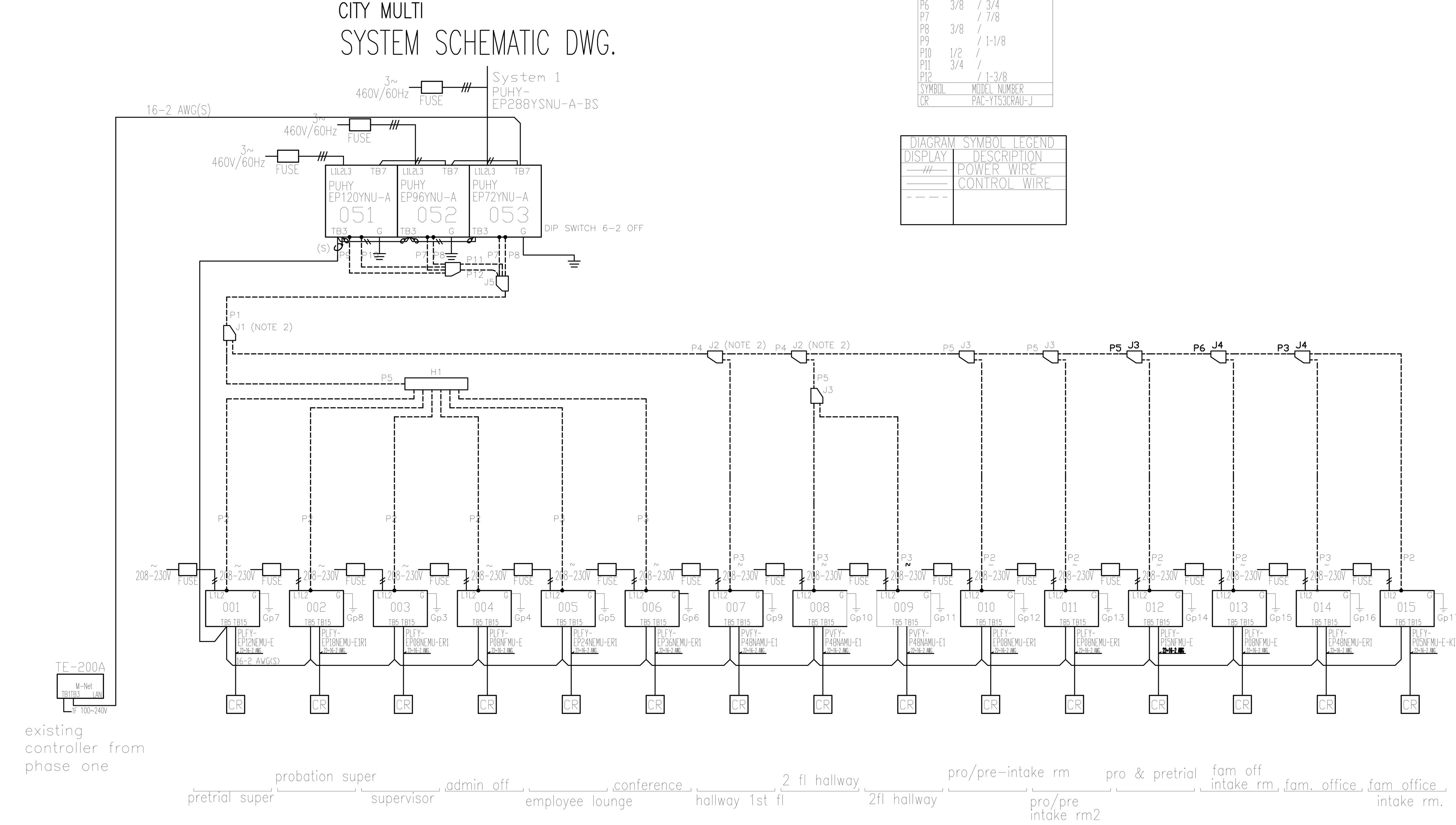
Coded Notes:

NOTE 1: Install twinning Y's within 15 degrees of level and with 20 inches of straight pipe on converging connection – reference installation manual for additional details including but not limited to special trapping requirements when twinning, and pipe slope requirements

NOTE 2: CMY–Y202S–G2 or CMY–Y302S–G2 gas joints should be installed within 15 degrees of horizontal or vertical. When vertical the tee joint should not face downward – reference installation manual for additional details

CITY MULTI

SYSTEM SCHEMATIC DWG.



WIRING DIAGRAM

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
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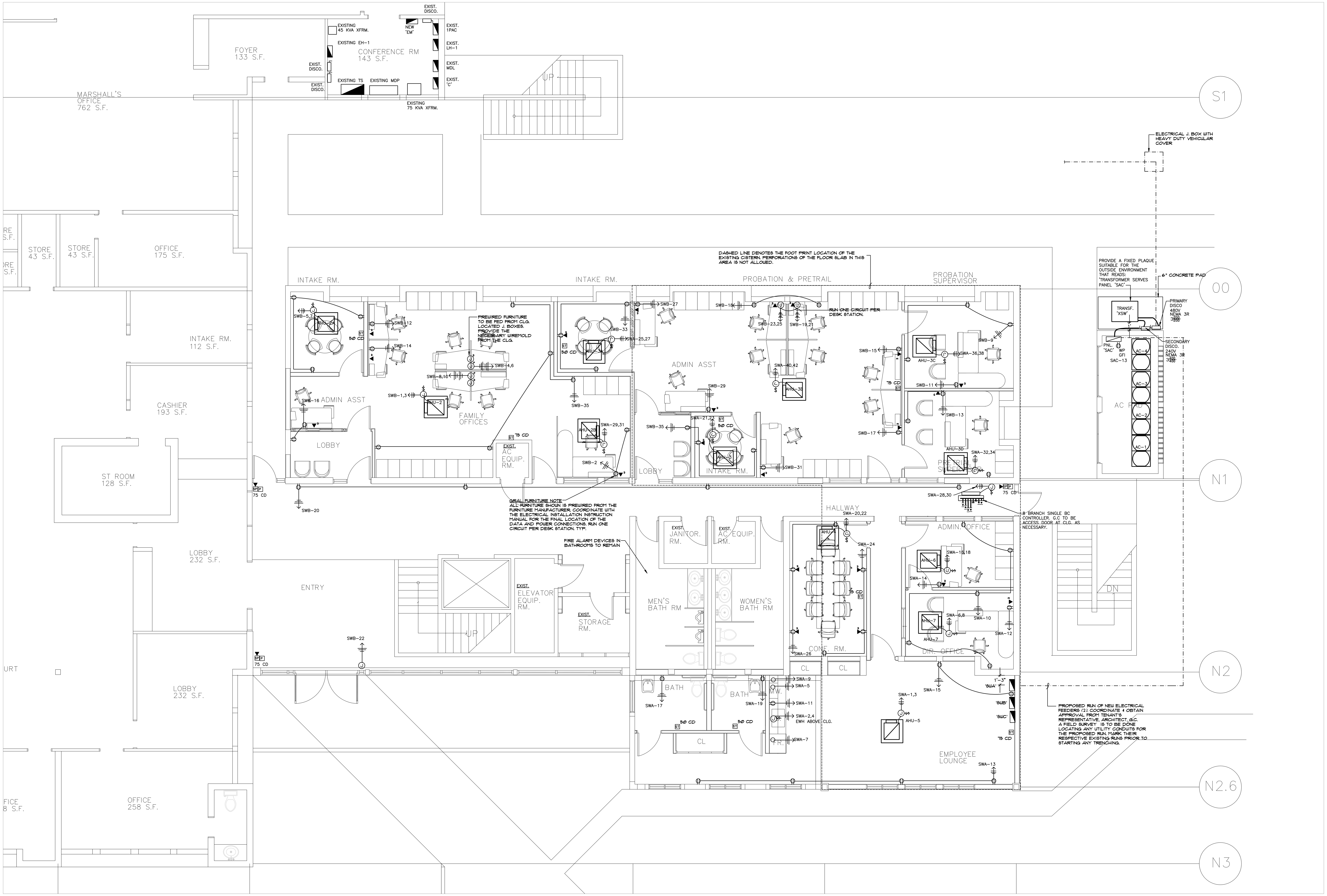
SEAL:

AC-4

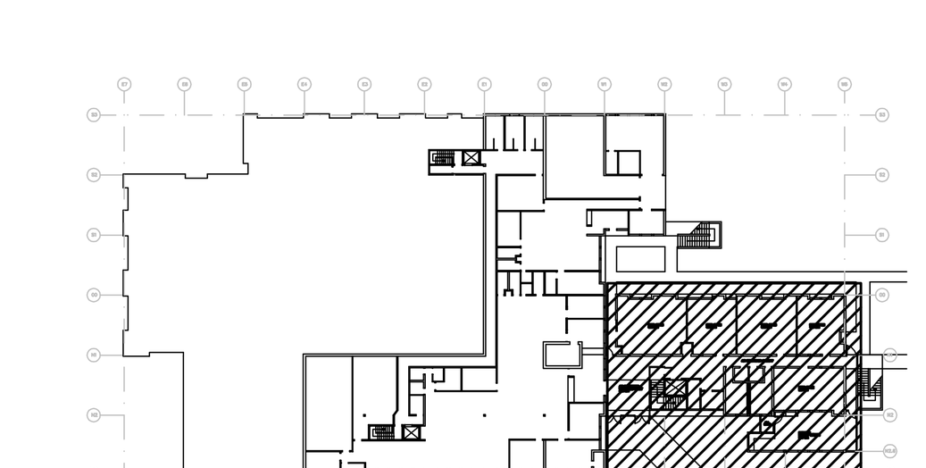


PARTIAL
GROUND FLOOR PLAN

1/4" = 1' – 0"

ELECTRICAL LEGEND

SWITCHES & RECEPTACLES	LIGHTS & FIXTURES	SIGNALING SYSTEM
SWITCH / DIMMER SWITCH		PUSH BOTTON
3-WAY SWITCH / MOTION DETECTOR	RECESSED DOWNLIGHT	BELL
TIME SWITCH	WALL LIGHT	TELEPHONE
SINGLE RECEPTACLE	4 ft led STRIP	DATA/TELE SAME COVER PLATE.
DUPLEX RECEPTACLE	4 FT LED ENCLOSED LTG	INTERCOM
SPLIT-CIRCUTED DUPLEX RECEPTACLE	POLE MOUNT LIGHT	STROBE LIGHT CANDELA ILLUMINATION
240 V. OUTLET	FLOODLIGHT	PULL STATION
QUAD. RECEPT.	EXIT LIGHT	HORN / STROBE
120V RECEPTACLE	EXHAUST FAN	FIRE ALARM SPEAKER
JUNCTION BOX	CEILING FAN	SPEAKER / STROBE CANDELA ILLUMINATION
S. DETECT. TEST KEY STAT.	GARAGE DOOR MOTOR	THERMOSTAT
CIRCUIT BREAKER	DISPOSAL	MOTION DETECTOR
ELECTRICAL METER	ELECTRIC DOOR STRIKE	TELEVISION OUTLET
DUPLEX RECEPTACLE ABOVE COUNTER	ELECTRICAL PANEL	FIRE ALARM HORN
WALL DIMMER 3=3 WAY	GROUND FAULT INTERRUPTER	SMOKE DETECTOR
LOW VOLTAGE SWITCH	FLOOR DUPLEX RECEPT.	DUCT SMOKE DETECTOR
EXISTING TO REMAIN	SAFETY SWITCH 2-30/30 box size / fuse size / # of poles	2x2 recessed troffer w/battery pack
EXISTING TO BE REMOVED		
EXISTING TO BE RELOCATED	2x4 recessed troffer w/battery pack	2x2 recessed troffer
WEATHER-PROOF		



KEY PLAN
NTS

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RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

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DWG NAME:

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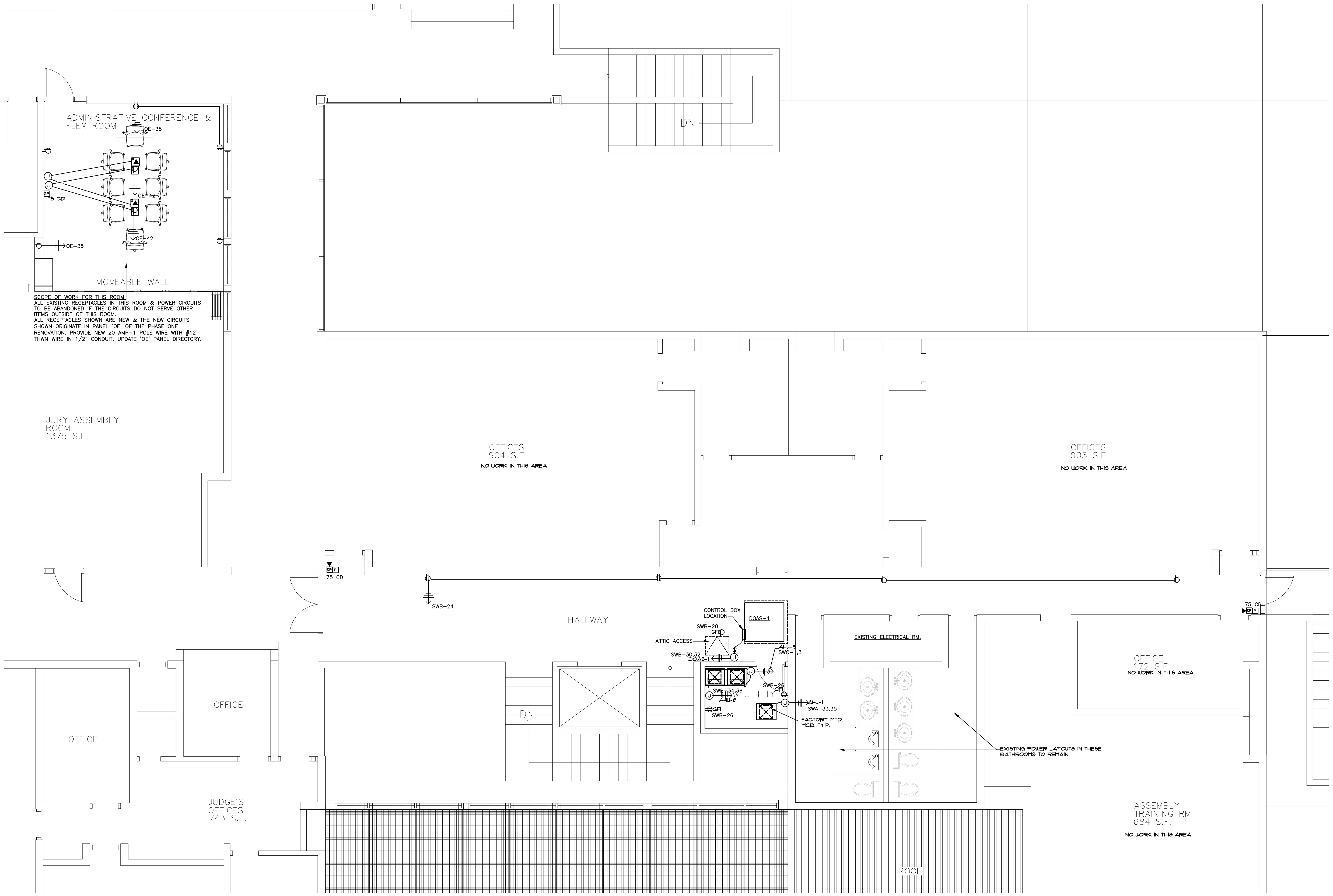
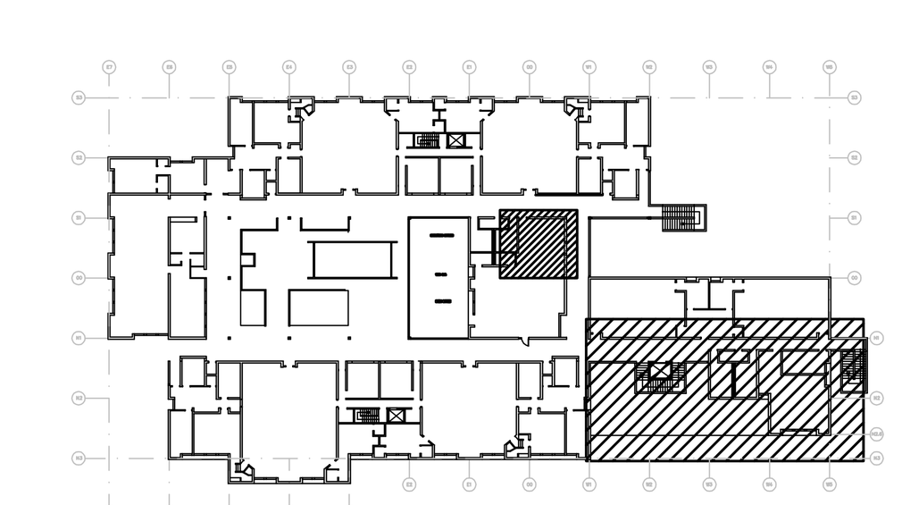
E-1



PARTIAL UPPER FLOOR PLAN

1/4" = 1' - 0"



KEY PLAN

NTS

ELECTRICAL LEGEND

SWITCHES & RECEPTACLES	LIGHTS & FIXTURES	SIGNALING SYSTEM
SWITCH / DIMMER SWITCH		PUSH BOTTON
3-WAY SWITCH / MOTION DETECTOR	RECESSED DOWNLIGHT	BELL
TIME SWITCH	WALL LIGHT	TELEPHONE
SINGLE RECEPTACLE	4 ft led STRIP	DATA/TELE SAME COVER PLATE.
DUPLEX RECEPTACLE	4 FT LED ENCLOSED LTG	INTERCOM
SPLIT-CIRCUTED DUPLEX RECEPTACLE	POLE MOUNT LIGHT	STROBE LIGHT CANDELA ILLUMINATION
240 V. OUTLET	FLOODLIGHT	PULL STATION
QUAD. RECEPT.	EXIT LIGHT	HORN / STROBE
120V RECEPTACLE	EXHAUST FAN	FIRE ALARM SPEAKER
JUNCTION BOX	CEILING FAN	SPEAKER / STROBE CANDELA ILLUMINATION
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CIRCUIT BREAKER	DISPOSAL	MOTION DETECTOR
ELECTRICAL METER	ELECTRIC DOOR STRIKE	TELEVISION OUTLET
DUPLEX RECEPTACLE ABOVE COUNTER	ELECTRICAL PANEL	FIRE ALARM HORN
WALL DIMMER 3=3 WAY	GROUND FAULT INTERRUPTER	SMOKE DETECTOR
LOW VOLTAGE SWITCH	FLOOR DUPLEX RECEPT.	DUCT SMOKE DETECTOR
EXISTING TO REMAIN	SAFETY SWITCH 2 30/30 box size fuse size # of poles	2x2 recessed troffer w/battery pack
EXISTING TO BE REMOVED		
EXISTING TO BE RELOCATED	2x4 recessed troffer w/battery pack	2x2 recessed troffer
WEATHER-PROOF		

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DWG NAME:

SEAL:

E-2

PARTIAL REFLECTED CLG. GROUND FLOOR PLAN

1/4" = 1' – 0"

ELECTRICAL LEGEND

SWITCHES & RECEPTACLES	LIGHTS & FIXTURES	SIGNALING SYSTEM
3-WAY SWITCH / MOTION DETECTOR		PUSH BOTTON
SWITCH / DIMMER SWITCH	RECESSED DOWNLIGHT	BELL
TIME SWITCH	WALL LIGHT	TELEPHONE
SINGLE RECEPTACLE	4 ft led STRIP	DATA/TELE SAME COVER PLATE.
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240 V. OUTLET	FLOODLIGHT	PULL STATION
QUAD. RECEPT.	EXIT LIGHT	HORN / STROBE
120V RECEPTACLE	EXHAUST FAN	FIRE ALARM SPEAKER
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S. DETECT. TEST KEY STAT.	GARAGE DOOR MOTOR	THERMOSTAT
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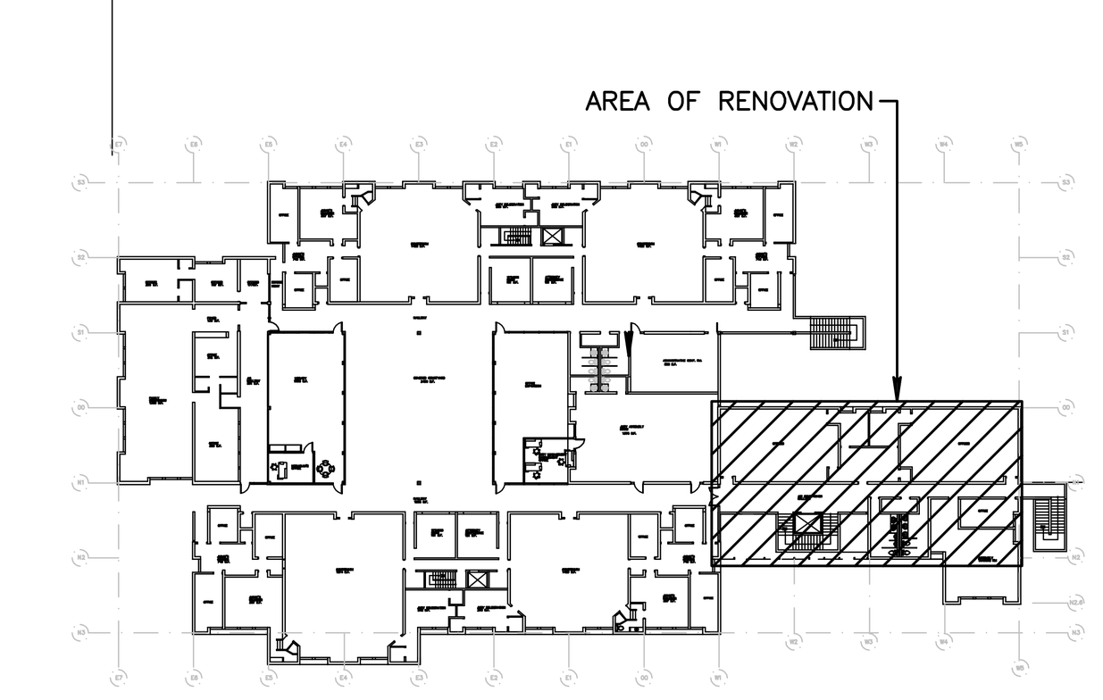
ELECTRICAL METER	ELECTRIC DOOR STRIKE	TELEVISION OUTLET
DUPLEX RECEPTACLE ABOVE COUNTER	ELECTRICAL PANEL	FIRE ALARM HORN
WALL DIMMER 3=3 WAY	GROUND FAULT INTERRUPTER	SMOKE DETECTOR
LOW VOLTAGE SWITCH	FLOOR DUPLEX RECEPT.	DUCT SMOKE DETECTOR
EXISTING TO REMAIN	SAFETY SWITCH 2 30/30 box size / fuse size, # of poles	2x2 recessed troffer w/battery pack
EXISTING TO BE REMOVED		
EXISTING TO BE RELOCATED	2x4 recessed troffer w/battery pack	2x2 recessed troffer
WEATHER-PROOF		



KEY PLAN
NTS

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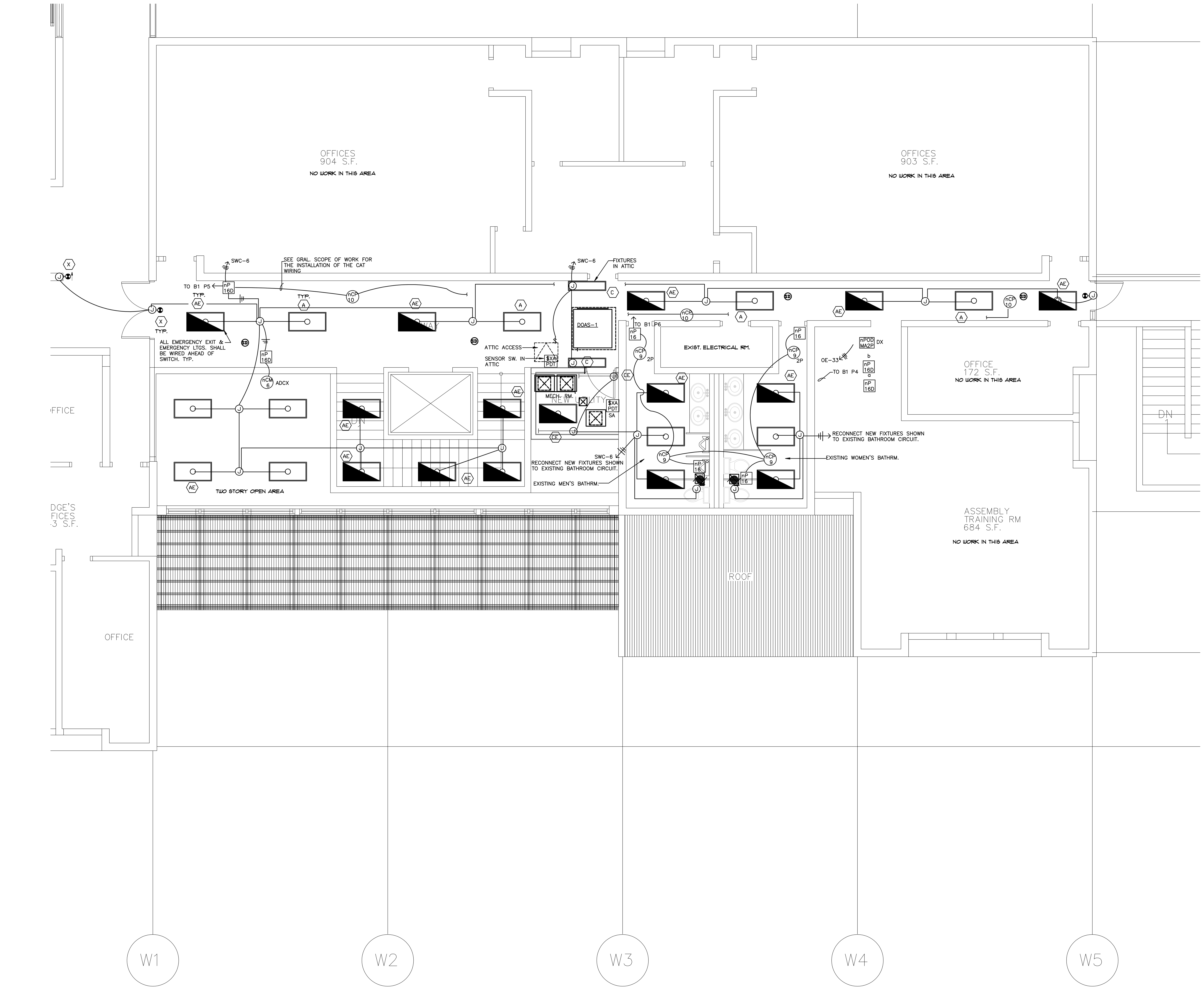
2	HALLWAY LTGS & CONTROLS	05-10-23

DRAWING TITLE:

DWG NAME: | SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

E-3



PARTIAL REFLECTED CLG. SECOND FLOOR PLAN

1/4" = 1' – 0"

ELECTRICAL LEGEND

SWITCHES & RECEPTACLES	LIGHTS & FIXTURES	SIGNALING SYSTEM
3-WAY SWITCH / MOTION DETECTOR		PUSH BOTTON
SWITCH / DIMMER SWITCH	RECESSED DOWNLIGHT	BELL
TIME SWITCH	WALL LIGHT	TELEPHONE
SINGLE RECEPTACLE	4 ft led STRIP	DATA/TELE SAME COVER PLATE.
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WALL DIMMER 3=3 WAY	GROUND FAULT INTERRUPTER	SMOKE DETECTOR
LOW VOLTAGE SWITCH	FLOOR DUPLEX RECEPT.	DUCT SMOKE DETECTOR
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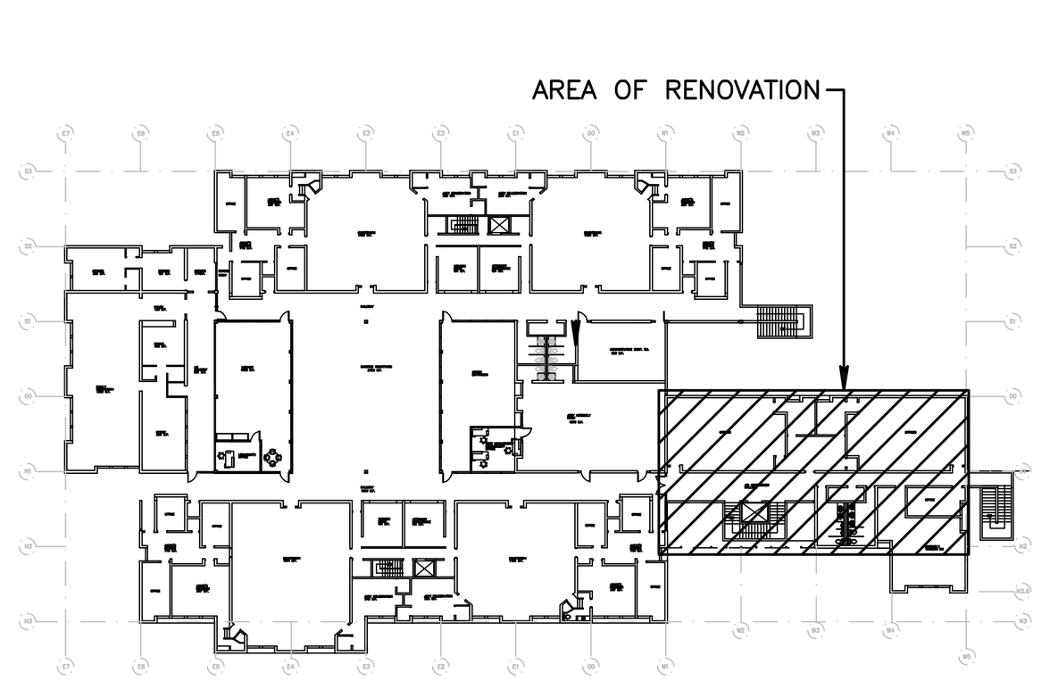
EXISTING TO BE REMOVED		
EXISTING TO BE RELOCATED	2x4 recessed troffer w/battery pack	2x2 recessed troffer
WEATHER-PROOF		



KEY PLAN
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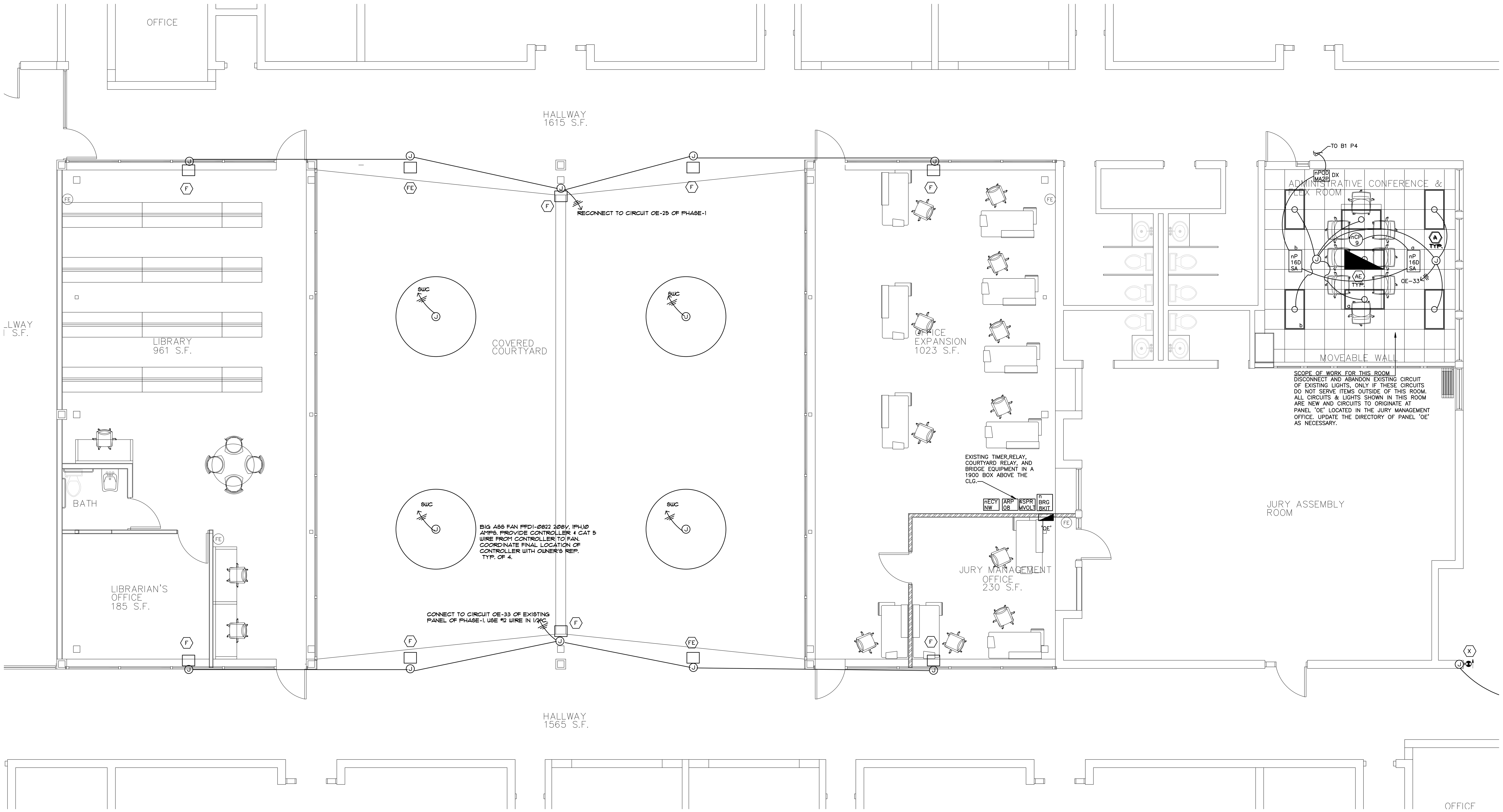
E-4



PARTIAL REFLECTED CLG. SECOND FLOOR PLAN

1/4" = 1' – 0"

ELECTRICAL LEGEND

SWITCHES & RECEPTACLES	LIGHTS & FIXTURES	SIGNALING SYSTEM
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JUNCTION BOX	CEILING FAN	SPEAKER / STROBE CANDELA ILLUMINATION
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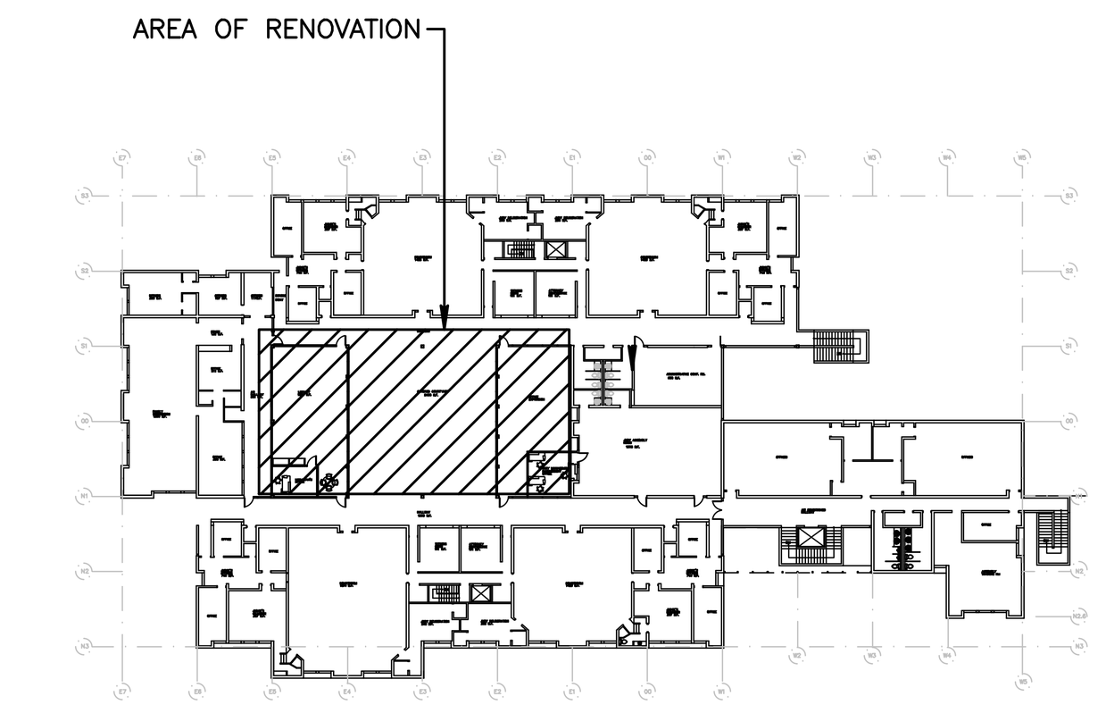
CIRCUIT BREAKER	DISPOSAL	MOTION DETECTOR
ELECTRICAL METER	ELECTRIC DOOR STRIKE	TELEVISION OUTLET
DUPLEX RECEPTACLE ABOVE COUNTER	'X' ELECTRICAL PANEL	FIRE ALARM HORN
WALL DIMMER 3=3 WAY	GROUND FAULT INTERRUPTER	SMOKE DETECTOR
LOW VOLTAGE SWITCH	FLOOR DUPLEX RECEPT.	DUCT SMOKE DETECTOR
E EXISTING TO REMAIN	SAFETY SWITCH 2 30/30 box size / fuse size, # of poles	2x2 recessed troffer w/battery pack
R EXISTING TO BE REMOVED		
ER EXISTING TO BE RELOCATED	2x4 recessed troffer w/battery pack	2x2 recessed troffer
WP WEATHER-PROOF		

AREA OF RENOVATION



KEY PLAN

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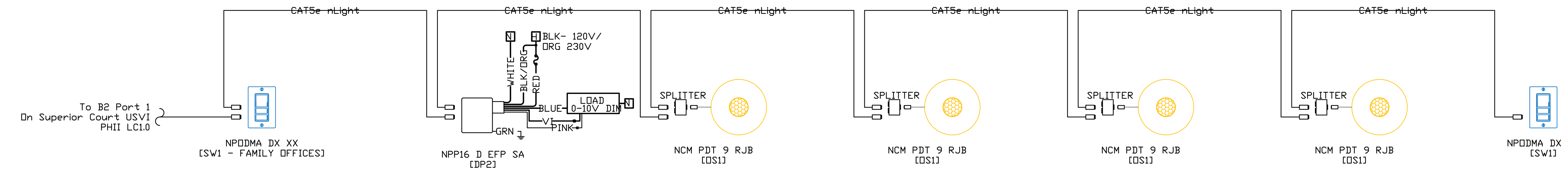
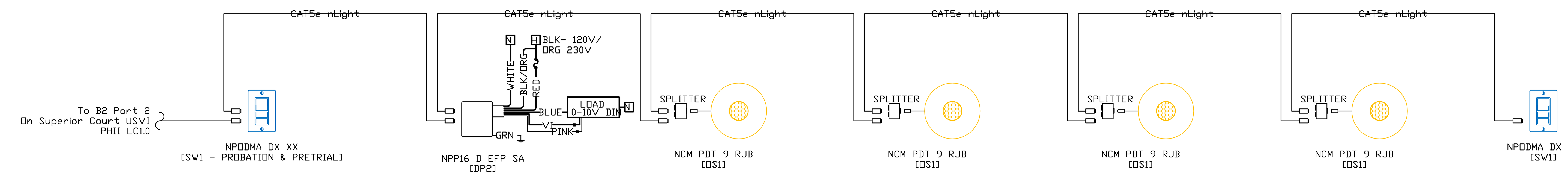
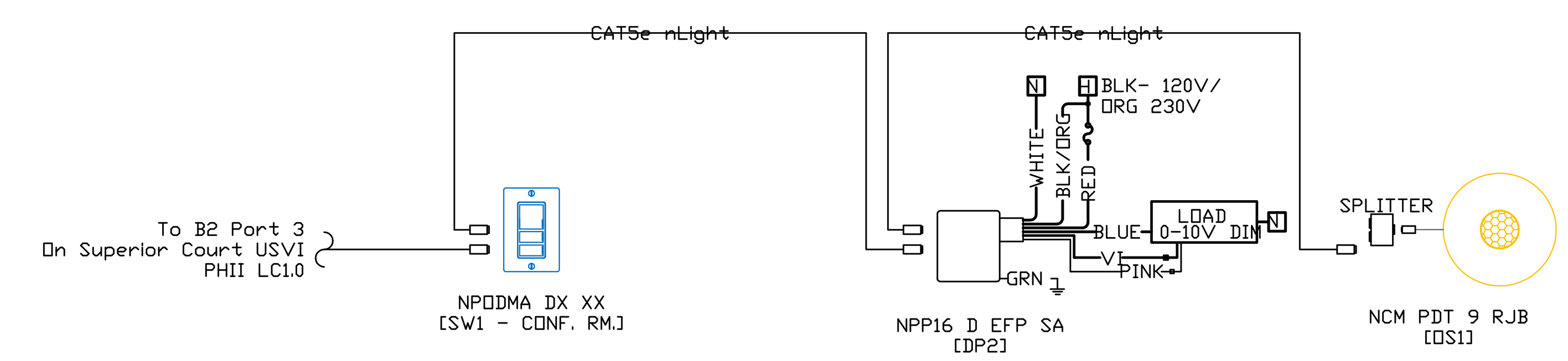
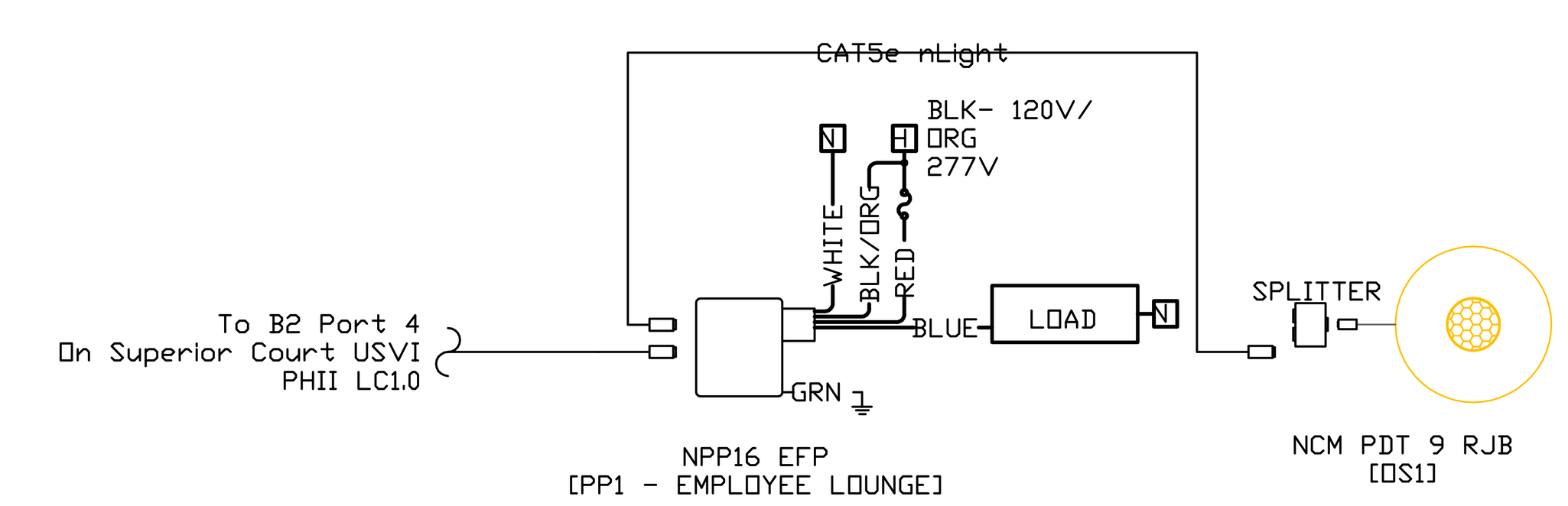


7 B2 Port 1 - FAMILY OFFICES
Superior Court USVI PHII LC1.0

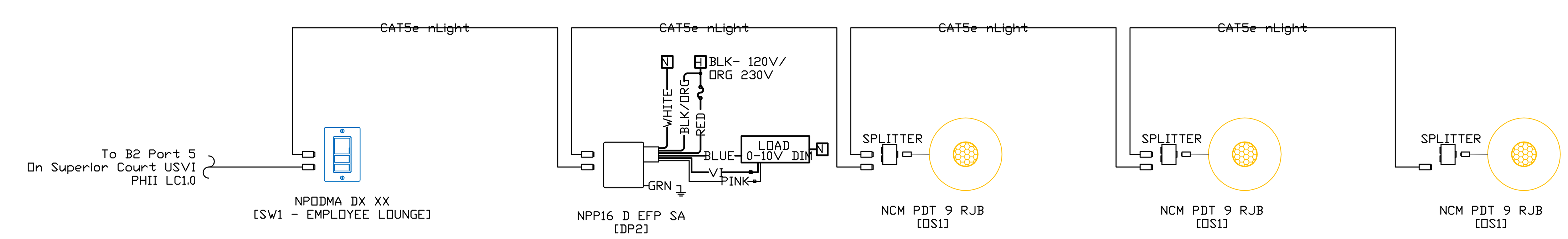


8 B2 Port 2 - PROBATION & PRETRIAL
Superior Court USVI PHII LC1.0

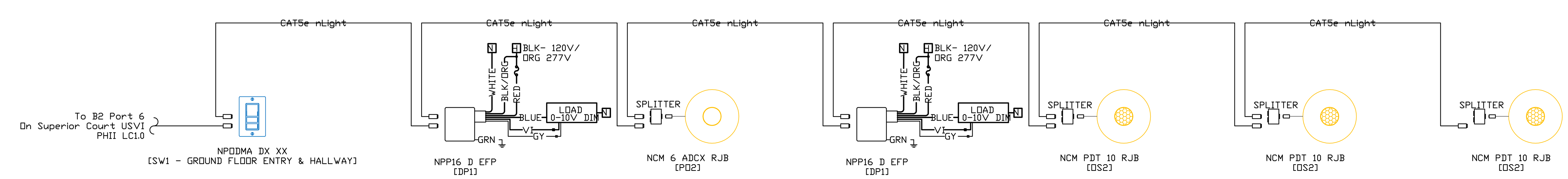




10 B2 Port 4 - EMPLOYEE LOUNGE
Superior Court USVI PHII LC1.0



11 B2 Port 5 - EMPLOYEE LOUNGE
Superior Court USVI PHII LC1.0



12 B2 Port 6 - GROUND FLOOR ENTRY & HALLWAY
Superior Court USVI PHII LC1.0

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DWG NAME:

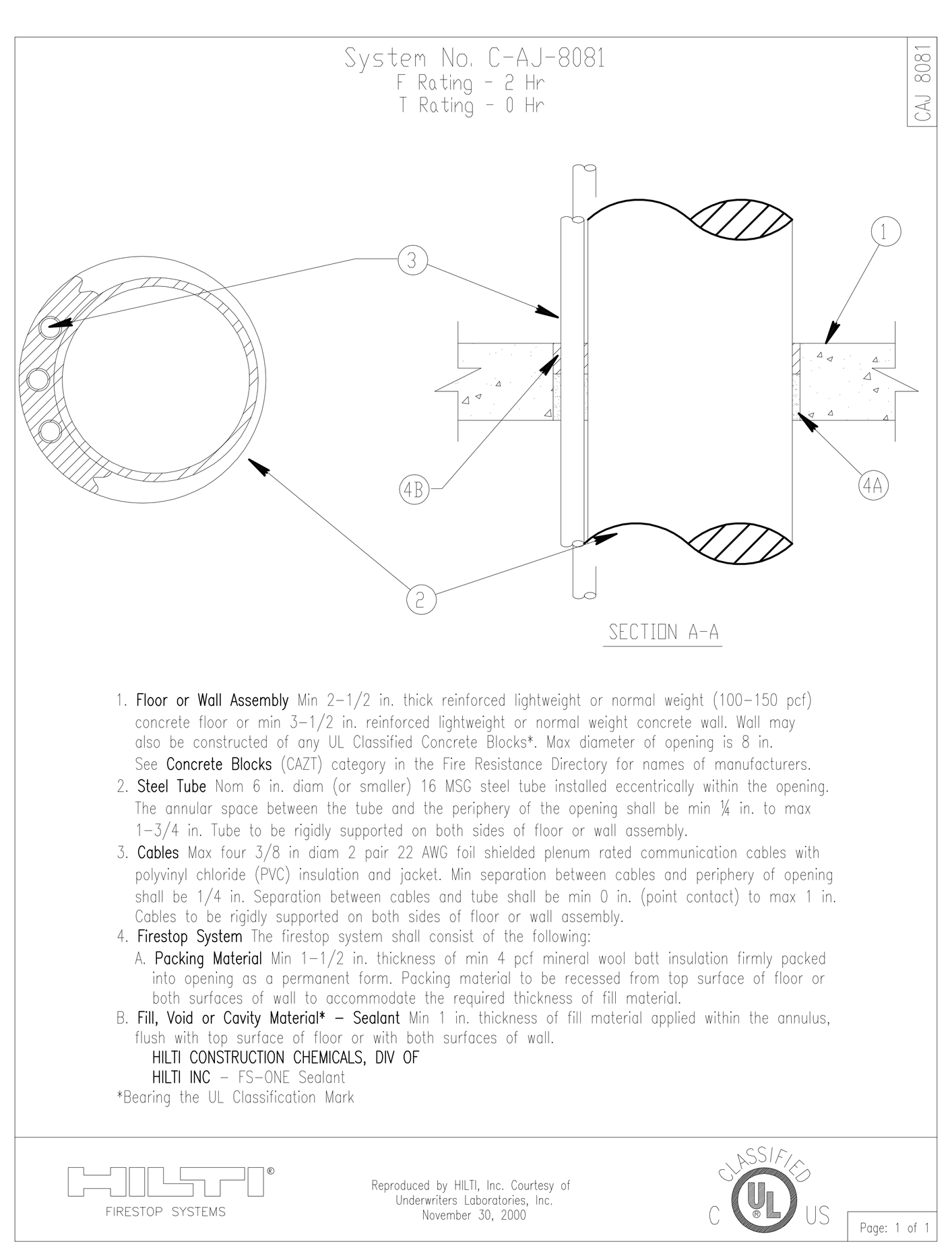
SEAL:

E-4B

LIGHTING CONTROLS SYMBOL LEGEND

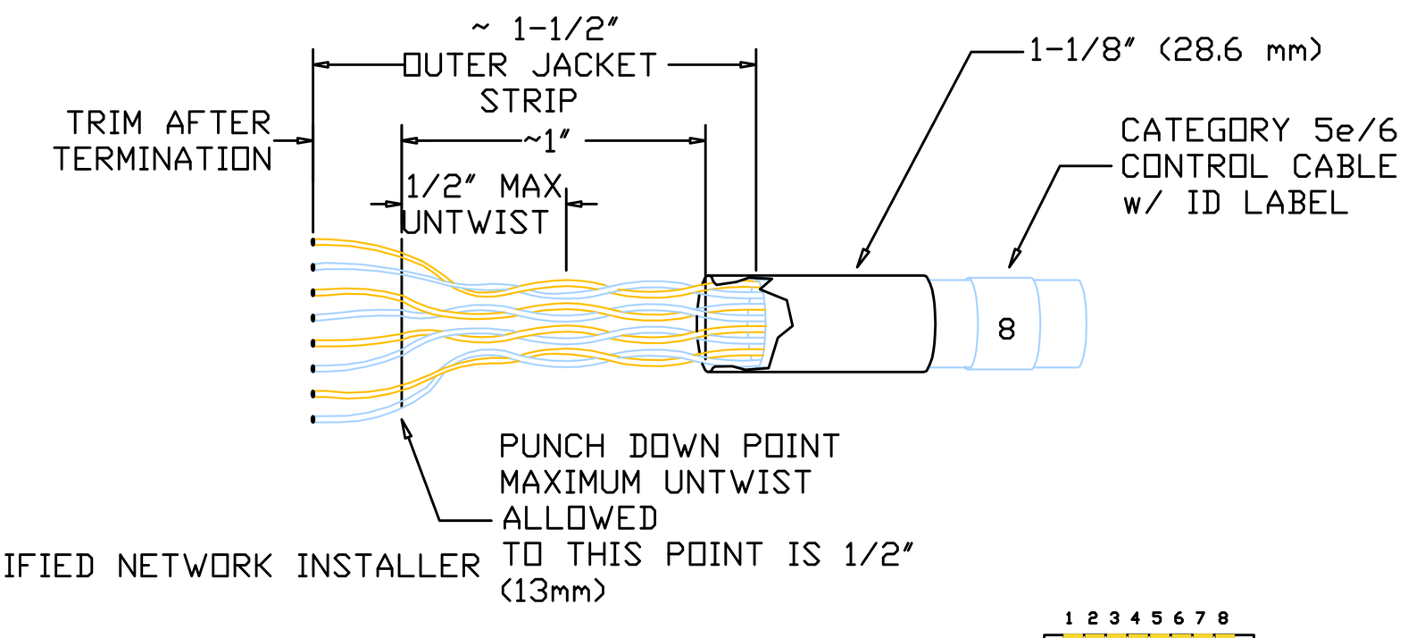
QTY	SYMBOL	DESCRIPTION
1	ARP 08 4SPR MVOLT	PANEL PL1 ACUITY ERELAY PANEL INCLUDE INT AND ENC, 8-SIZE, NLIGHT, 4-SINGLE POLE RELAYS, 120-277 VAC SCREW COVER, SURFACE MOUNT.
6	nP 16DSA	POWER PACK DP2 POWER/RELAY PACK, DIMMING EXTERNAL FAULT PROTECTION, VACANCY(DEFAULT) OR AUTO ON
7	nP 16D	POWER PACK DP1 POWER/RELAY PACK, DIMMING, EXTERNAL FAULT PROTECTION
9	nP 16	POWER PACK PP1 POWER/RELAY PACK, EXTERNAL FAULT PROTECTION
7	$XA PDT D	SWITCH SO2 WSX PDT D XX Wall Switch Sensor, Passive Dual Technology, DIMMING
2	nPOD	switch NPODM XX Low Voltage Push-Button Wallpod
11	nPOD MADX	switch SW1 NLIGHT WIRED AESTHETIC Wallpod. RAISE/LOWER DIMMING
3	2P FAN $XA PDT	SWITCH SO4 Wall Switch Sensor, Passive Dual Technology,2 POLE MIN. FAN RUN TIME
2	SA $XA PDT	SWITCH SO3 Wall Switch Sensor, Passive Dual Technology, VACANCY(DEFAULT) OR AUTO ON
1	nPOD MA	switch SW3 NLIGHT WIRED AESTHETIC Wallpod
1	DX nPOD MA2P	switch SW2 NLIGHT WIRED AESTHETIC Wallpod 2 POLE, RAISE/LOWER DIMMING
1	NCP 10 ADCX	SENSOR P02 NCM PDT ADCX10 Low Voltage Ceiling Mount Sensor, HIGH BAY 360 LENS, Extended Range 360 deg Lens photocontrol w/ auto dimming wireless, 0-10V OUTPUT PROVIDED BY OTHER DEVICES REAR RJ-45 PORTS
2	NCP 10 ADCX	SENSOR P01 Low Voltage Ceiling Mount Sensor, LARGE MOTION/EXTENDED 360 LENS, Extended Range 360 deg Lens photocontrol w/ auto dimming wireless, 0-10V OUTPUT PROVIDED BY OTHER DEVICES REAR RJ-45 PORTS
14	NCP 10	SENSOR NCM PDT 10 Low Voltage Ceiling Mount Sensor, Passive Dual Technology, Large Motion / Extended Range 360 Lens. REAR RJ-45 PORTS
8	NCP 9 2P	SENSOR OS1 Low Voltage Ceiling Mount Sensor, Passive Dual Technology, SMALL Motion / STD. Extended Range 360 Lens. REAR RJ-45 PORTS
14	NCP 9	SENSOR OS3 Low Voltage Ceiling Mount Sensor, Passive Dual Technology, SMALL Motion / STD. Extended Range 360 Lens. 2 POLE, REAR RJ-45 PORTS
1	nECY NM	SYSTEM CONTROLLER SC1 nLIGHT ECLYPSE, 120-277, ENCLOSURE FOR nLIGHT ECLYPSE NO WIFI
2	n BRG 8KIT	SYSTEM CONTROLLER BG1 NBRG 8 KIT nLIGHT BRIDGE, 8 PORTS KIT

GENERAL NOTE
SUBSTITUTIONS TO ANY OTHER CONTROL MANUFACTURER IS NOT ACCEPTABLE. UNLESS, THE CHANGE ORDER ORIGINATES FROM THE OWNER AFTER FINAL BIDS. IF CONTROLS ARE SUBSTITUTED THE NEW MANUFACTURER IS RESPONSIBLE FOR THE COST OF ENGINEERING AND REVISION OF ANY DRAWINGS.
COMMISSIONING OF THE LIGHT CONTROL SYSTEM IS TO BE PROVIDED BY THE EQUIPMENT MANUFACTURER, THROUGH THE SALES REPRESENTATIVE. COMMISSIONING IS TO BE DONE UPON THE COMPLETE INSTALLATION OF ALL CONTROL ITEMS. ELECTRICIAN SHALL PROVIDE ALL THE NECESSARY LABOR AND MATERIALS FOR A COMPLETE COORDINATION OF THE NECESSARY ELECTRICAL ITEMS FOR A COMPLETE INSTALLATION OF THE LIGHT CONTROLS.
SALES REPRESENTATIVE CONTACT:
DAVID MELENDEZ
3832 SHIPPING AVENUE, MIAMI, FLORIDA 33146
TEL: 305-444-8520



TIA / EIA-568-B CABLING STANDARD TERMINATION

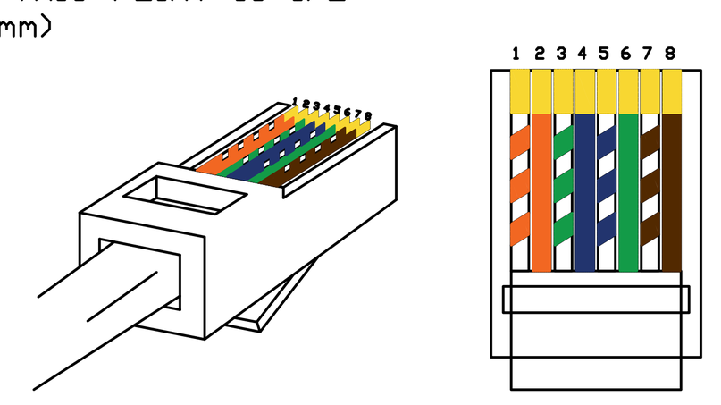
Function	Pair #	Pin Out (T568B)	Wire Color
(T1) (R1)	1	5 4	WHITE w/ BLUE BLUE
Tx + (T2) Tx - (R2)	2	1 2	WHITE w/ ORANGE ORANGE
Rx + (T3) Rx - (R3)	3	3 6	WHITE w/ GREEN GREEN
(T4) (R4)	4	7 8	WHITE w/ BROWN BROWN



TERMINATION & TESTING OF CAT5 CABLES MUST BE DONE BY A QUALIFIED NETWORK INSTALLER

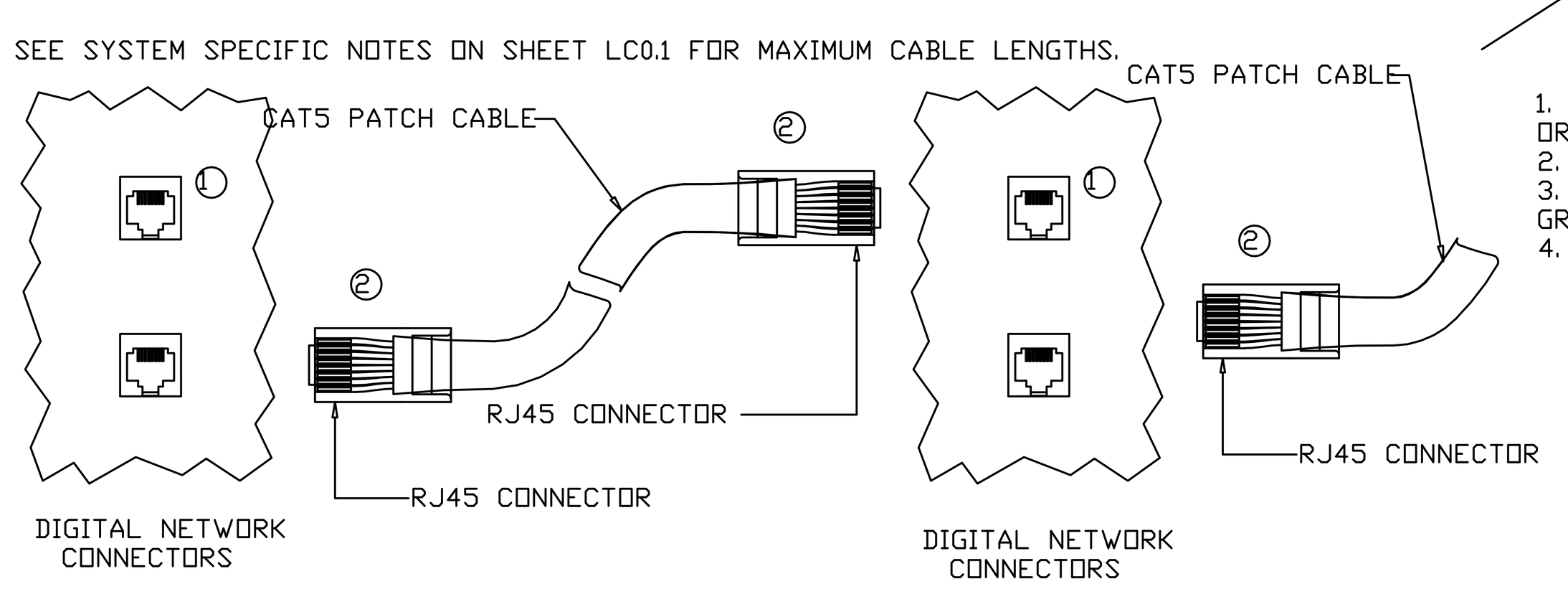
Cable termination requirements

1. Strip off outer jacket - approximately 1-1/2" (37.6 mm)
2. Terminate approximately 1/2" (12.2 mm) from end of conductors on type 110 punch down block or connector per schedule (t568b) - maximum untwist of conductors to terminations is 1/2" (12.2 mm) - trim excess leads.



1. WHITE w/ ORANGE
2. ORANGE
3. WHITE w/ GREEN
4. BLUE
5. WHITE w/ BLUE
6. GREEN
7. WHITE w/ BROWN
8. BROWN

SEE SYSTEM SPECIFIC NOTES ON SHEET LC0.1 FOR MAXIMUM CABLE LENGTHS.



1 RJ45 FEMALE CONNECTOR
2 RJ45 MALE CONNECTORS. ALL CABLES SUPPLIED BY CONTRACTOR.

Notes:

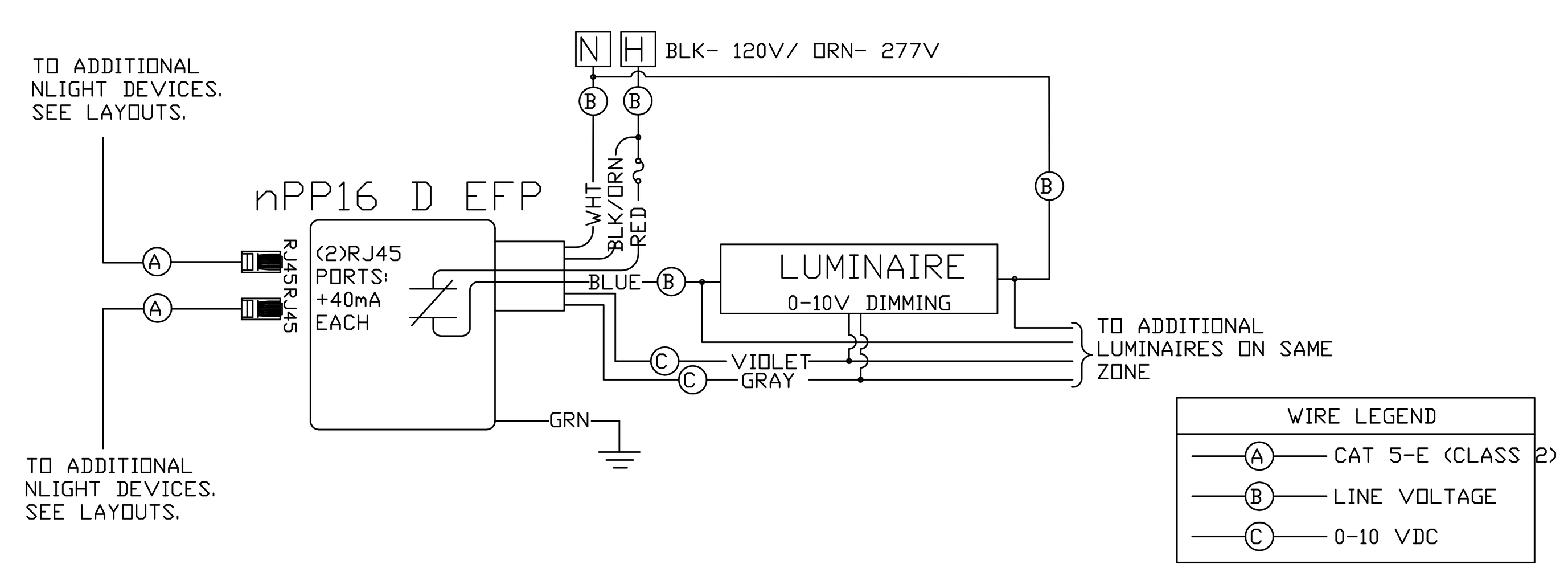
Daisy-chain CAT5 patch cable with RJ45 connectors from digital device to digital device.

Refer to manufacturers instructions for long distance runs between digital devices.

Crimp and test each cable with a LAN circuit tester prior to installation.

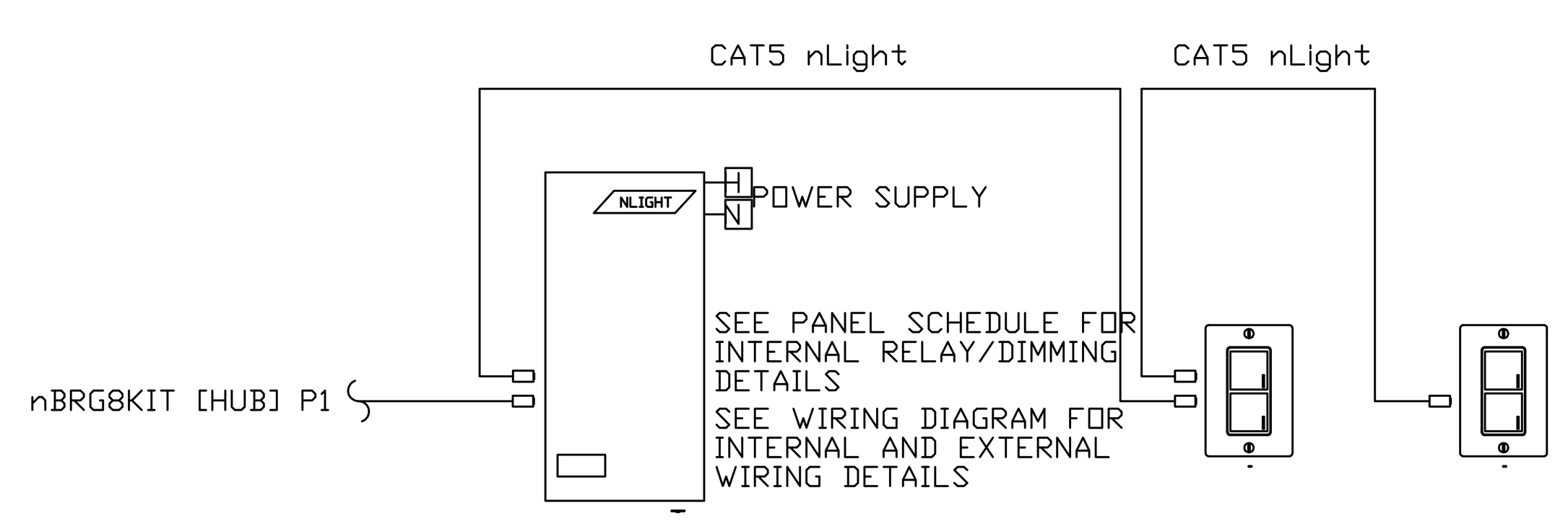
CAT5E/6 CABLE TERMINATION

N.T.S.



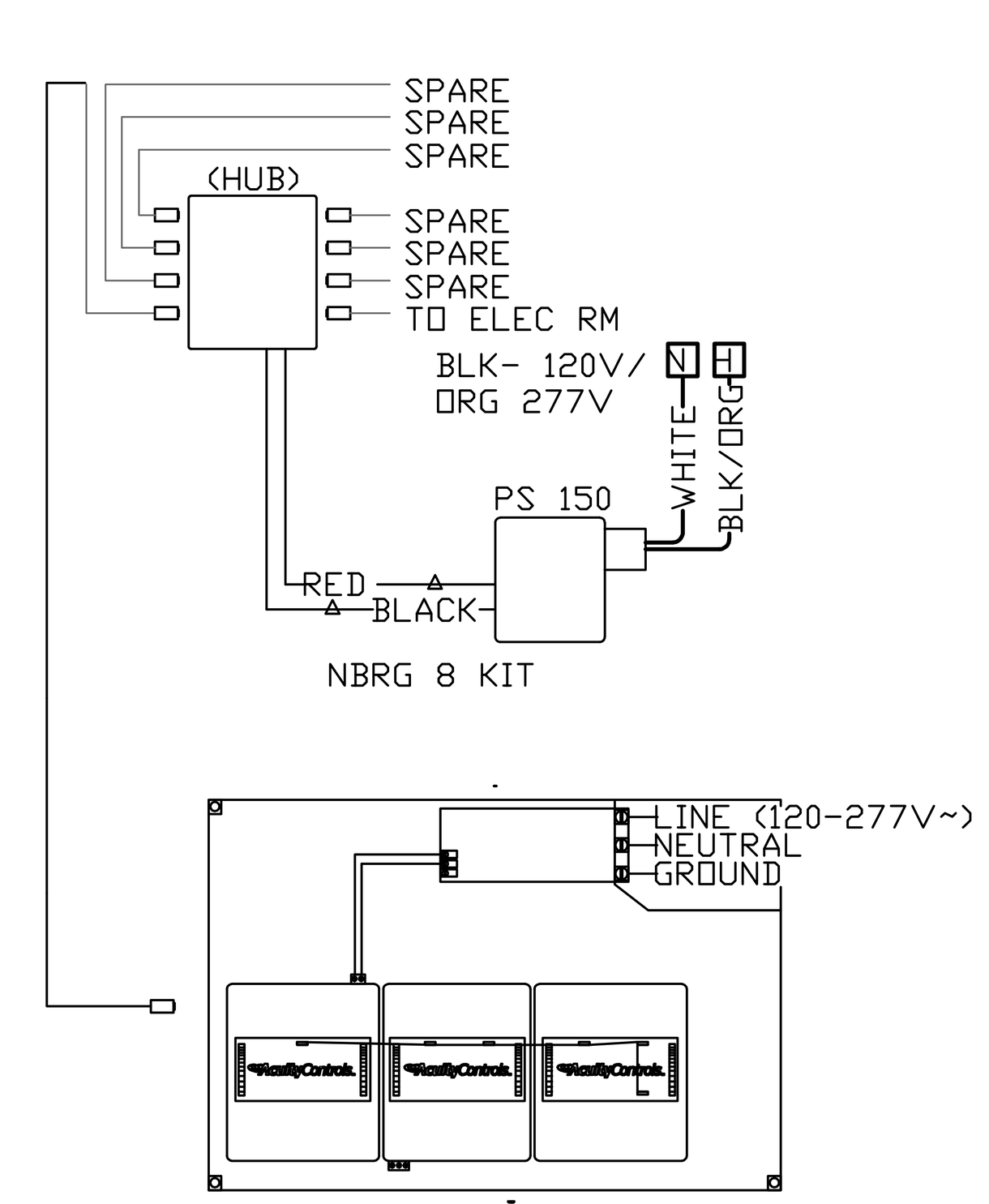
TYPICAL WIRING DIAGRAM: NPP16 D EFP

N.T.S.



2 Design 1 - BG1 HUB Port 1 Elec Rm

NOT TO SCALE



1 Design 1 - SC1 NECY1

NTS

LUMINAIRE SCHEDULE							
	SYMBOL	ARRANGEMENT	MANUFACTURER	DESCRIPTION	LUMINAIRE LUMENS	LLF	LUMINAIRE WATTS
	A	SINGLE	LITHONIA	2ALLS4-40L-MVOLT-EZ1-LP840	3940	0.760	32
	AE	SINGLE	LITHONIA	2ALLS4-40L-MVOLT-EZ1-LP840 -EL14L	3940	0.760	32
	B	SINGLE	LITHONIA	WDGE1 LED P1 40K 80 CRI VW	1229	0.900	10
	BE	SINGLE	LITHONIA	WDGE1 LED P1 40K 80 CRI VW E4WH	1229	0.850	10
	C	SINGLE SUSPENDED	LITHONIA	ZL 1D L48 000LM FST MVOLT 40K 80 CRI ZACVH	5542	0.760	40.6
	CE	SINGLE	LITHONIA	ZL 1D L48 000LM FST MVOLT 40K 80 CRI E7W	5542	0.760	40.6
	-	SINGLE	LITHONIA	-	-	-	-
	-	SINGLE	LITHONIA	-	-		-
	X	SINGLE	BARRON	VEX-WP-1/2-WB-WH-G2			10
	E	SINGLE	LITHONIA	OLVTWM	600		15
	F	SINGLE	ALIGHT	ANGW4-SEH2-WL-36LONG-AL1A4-40K-MVOLT-XXX. MTG @ +12 AFF	-	0.670	209.5
	FE	SINGLE	ALIGHT	ANGW4-SEH2-WL-36LONG-AL1A4-40K-MVOLT-XXX. MOUNTING @ +12 AFF		0.670	209.5

GENERAL NOTES
1. SUBMIT SHOP DRAWINGS FOR FINAL APPROVAL PRIOR TO ORDERING FIXTURES.

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:
GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410-B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 - 6 1 5 1

NO.	REVISIONS	DATE:
1	REVISED CONSTRUCTION SET	01-07-22

DRAWING TITLE:

SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

E-5B

TYPE : .	SERVICE : 277-480V-3φ-4W	MOUNTING : FLOOR	POLES : .	PANEL MDH EXISTING	MAIN BUS : 800 A	NEUTRAL : FULL	MAINS : MLO	A.I.C. : 65K

DEM K.V.A.	NO. DEM K.V.A.	TRIP POLE	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CON-DUIT	TRIP POLE	NO. DEM K.V.A.	DEM K.V.A.
.	.	.	.	.	-	1	2	.	.	.	.	.	.
.	.	200-3	2.5	4/0	SPARE	3	4	AC PAD PANEL	3	1.25	100-3	50	.
.	.	.	.	.	.	5	6						
.	.	.	.	.		7	8						
.	59	200-3	2.5	4/0	EXIST. 1 PAC	9	10	SPARE		1.25	100-3		
.	.	.	.	.	.	11	12						
					.	13	14	.	.	.	.	.	.
	50	200-3	2.5	4/0	EXIST. 75 KVA	15	16	CHILLER PUMP	6	1	60-3	32	.
					.	17	18						
						19	20						
	32	200-3	2.5	4/0	E. CHILLER-2	21	22	CHILLER PUMP	6	1	60-3	32	
						23	24						
						25	26						.
	32	200-3	2.5	4/0	W. CHILLER-1	27	28	SPARE		1.25	100-3		
						29	30						.
						31	32						.
	59	200-3	2.5	4/0	EXIST. 2 PAC	33	34	30 KVA	3	1.25	100-3	24	.
						35	36						.
						37	38						.
	300	500-3	2.5	2 SETS OF 250	TRANSF. SWITCH	39	40	STORAGE	6	1	60-3	32	
					.	41	42						
						43	44					.	.
					SPACE	45	46	SPARE	6	1	60-3		
						47	48						
						49	50						
					SPACE	51	52	TRANF SWX	3/0	3.5	200-3	126	
						53	54						
						55	56						
					SPACE	57	58	SPACE					
						61	60						

As per energy bill data of 08-2022:
TOTAL = 226.4 kva
I = 334 amps

TYPE : SIEMENS P1	SERVICE : 120-208-3φ-4W	MOUNTING : WALL	POLES : 42	PANEL SWA NEMA 1R	MAIN BUS : 400A	NEUTRAL : FULL	MAINS : MLO	A.I.C. : 22K

DEM K.V.A.	NO. DEM K.V.A.	TRIP POLE	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CON-DUIT	TRIP POLE	NO. DEM K.V.A.	DEM K.V.A.
.	.	.		.	.	1	2	.	.	.	.	.	.
.	0.05	15-2	1/2	14	AHU-5	3	4	LOUNGE WTR. HTR.	4	1	70-2	11.9	.
GFI	1.5	20-1	1/2	12	LOUNGE M/W	5	6	AHU-7	14	1/2	15-2	0.05	.
					REFRIG.	7	8		.	.	.	.	.
					COFFEE	9	10	ADMIN/DIR. RECEP.	12	1/2	20-1	1.0	GFI
					LOUNGE RECEP.	11	12	DIR'S. DESK RECEP.					
						13	14	ADMIN. DESK RECEP.					
						15	16	AHU-6	14	1/2	15-2	0.05	
					LOUNGE BATH.	17	18						
					LOUNGE BATH.	19	20	AHU-4	14	1/2	15-2	0.05	
.	0.05	15-2	1/2	14	AHU-3	21	22						
.						23	24	CONF. RM. RECEP.	12	1/2	20-1	1.2	GFI
.	0.05	15-2	1/2	14	AHU-3A	25	26	CONF. RM. RECEP.	14	1/2	15-1	1.2	GFI
.						27	28	AC BRA. CONT.	14	1/2	15-2	0.1	.
.	0.05	15-2	1/2	14	AHU-3A	29	30						.
.						31	32	AHU-3D	14	1/2	15-2	0.05	.
.	.	.	.	.		33	34						.
.	0.05	15-2	1/2	14	AHU-1	35	36	AHU-3C	14	1/2	15-2	0.05	.
.	.	.	.	.		37	38						.
.	.	20-3	1/2	12	SURGE SUPPRESSOR	39	40	AHU-3B	14	1/2	15-2	0.05	.
.	.	.	.	.	.	41	42						.
.	.											.	.

TOTAL = 30.0 KVA

I=200A

① SIEMENS SURGE SUPPRESSOR TPS3C01-10X002

TYPE : SIEMENS P1	SERVICE : 120-208-3φ-4W	MOUNTING : WALL	POLES : 42	PANEL SWB NEMA 1R	MAIN BUS : 200A	NEUTRAL : FULL	MAINS : MLO	A.I.C. : 22K

DEM K.V.A.	NO. DEM K.V.A.	TRIP POLE	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CON-DUIT	TRIP POLE	NO. DEM K.V.A.	DEM K.V.A.
.	0.1	15-2	1/2	14	AHU-2A	1	2	FAM. OFF. DESK	12	1/2	20-1	1.2	GFI
.						3	4						
.	0.1	15-2	1/2	14	AHU-2	5	6						
						7	8						
GFI	1.2	20-1	1/2	12	SUPER RECEP	9	10						
					SUPER DESK	11	12						
					PRET. SUPER DESK	13	14						
					PROB. PRET. DESK	15	16						
						17	18	ADMN RECEP.					
						19	20	1 FL HALLWY RECEP.					
						21	22	MAIN ENT. DOOR					
						23	24	2FL HALL RECEP.					
						25	26	MECH RM. RECEP.					
						27	28	ATTIC RECEP.					
						29	30	DOAS-1	14	1/2	15-2	0.7	
						31	32						
					INT.RM. PROB. RECEP.	33	34	AHU-8	14	1/2	15-2	0.2	
					FAM GRL. . RECEP.	35	36						
.	.	.	.	.		37	38						
.	.	20-3	1/2	12	SURGE SUPPRESSOR	39	40	PANEL SWC	3#8	1	60-2	4.0	
.	.	.	.	.	.	41	42						
.	.											.	

RECEP. LOAD= 34 KVA
NEC 220.44 DEMAND:
FIRST 10KVA @ 100 P.C= 10.0 KVA
REMAINDER 24 KVA @ 50 P.C.= 12 KVA
OTHER LOADS @ 100 P.C= 5.0 KVA

TOTAL = 27.0 KVA

I=75 A

① SIEMENS SURGE SUPPRESSOR TPS3C01-10X002

TYPE : SIEMENS EQ	SERVICE : 120-208-1φ-3W	MOUNTING : WALL	POLES : 12	PANEL SWC NEMA 1R	MAIN BUS : 100A	NEUTRAL : FULL	MAINS : MLO	A.I.C. : 22K

DEM K.V.A.	NO. DEM K.V.A.	TRIP POLE	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CON-DUIT	TRIP POLE	NO. DEM K.V.A.	DEM K.V.A.
		20-2	1/2	12	COURTYARD FAN	1	2	LTGS. GR FLOOR	12	1/2	20-1	1.2	.
.						3	4	LTGS. OFFICES GR. FL.	12	1/2	20-1	1.2	
		20-2	1/2	12	COURTYARD FAN	5	6	HALWAY LTGS 1&2 FL.	12	1/2	20-1	1.2	
						7	8	SPACE					
		20-2	1/2	12	COURTYARD FAN	9	10						
						11	12						
		20-2	1/2	12	COURTYARD FAN	13	14						
						15	16						
					SPACE	17	18						
					SPACE	19	20						

TOTAL = 4.0 KVA

I=200A

TYPE : SIEMENS P3	SERVICE : 120-208V-3φ-4W	MOUNTING : FLOOR	POLES : 30	PANEL SAC NEMA 3R	MAIN BUS : 400A	NEUTRAL : FULL	MAINS : MLO	A.I.C. : 45K

DEM K.V.A.	NO. DEM K.V.A.	TRIP POLE	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CON-DUIT	TRIP POLE	NO. DEM K.V.A.	DEM K.V.A.
.						1	2						
.	15.1	60-3	1	6	AC-3	3	4	AC-1	10	1/2	35-3	8.7	
.						5	6						
						7	8						
	15.1	60-3	1	6	AC-4	9	10	AC-2	6	1	50-3	11.2	
						11	12						
GFI	1.0	20-1	1/2	12	PAD RECEP.	13	14						
					SPACE	15	16	PANEL 'SWA'	3#3	1.25	100-3	30.0	
						17	18						
						19	20						
						21	22	PANEL 'SWB'	3#1	1.25	125-3	45	
						23	24						
						25	26	SPACE					
①		20-3	1/2	12	SURGE SUPPRESS.	27	28						
						29	30						

① SIEMENS SURGE SUPPRESSOR TPS3C01-10X002

TOTAL = 126 KVA
I=350 A

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:
GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410-B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 - 6 1 5 1

DATE:	REVISIONS	NO.
01-07-22	REVISED CONSTRUCTION SET	1
09-26-22	ELECT. ITEMS ADDED	2

DRAWING TITLE:

SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

DWG NAME:

SEAL:

E-6

GENERAL ELECTRICAL NOTES

1- ALL ELECTRICAL WORK PERFORMED IN THIS CONTRACT SHALL COMPLY WITH THE 2021 INTERNATIONAL CODE AND, NEC, 2017 EDITION, LATEST MUNICIPAL ORDINANCES, AND REGULATIONS OF THE LOCAL UTILITY COMPANIES.

2- EXCEPT AS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER. USE TYPE THW STRANDED CABLE FOR ALL CONDUCTORS. CABLE SIZES # 4/0 AND LARGER SHALL TERMINATE WITH PRESSURE CRIMP CONNECTORS. ALL CIRCUITS WHICH DO NOT SHOW WIRING AND CONDUIT SIZE ARE TO BE # 12 CU. IN 1/2" CONDUIT.

3- ROUTING OF RACEWAYS, INTERCONNECTING OUTLETS AND HOME-RUNS IS UP TO ELECTRICAL CONTRACTOR, BUT AFTER COMPLETION OF THE INSTALLATION, HE SHALL SUBMIT TO THE ENGINEER AS BUILT DRAWINGS OF HIS WORK FOR FUTURE RECORD. ALL CONDUCTORS SHALL BE IN CONDUIT. FOR UNDERGROUND/IN-SLAB LOCATIONS USE GALVANIZED RIGID STEEL (GRS) CONDUIT OR SCHEDULE 40 PVC CONDUIT WITH GROUND WIRE SIZED AS INDICATED OR REQUIRED BY NEC. UNDERGROUND GRS SHALL BE COATED WITH TWO COATS OF BITUMASTIC # 50 APPLIED WITHOUT THINING. ALL SECTIONS OF METALLIC CONDUIT SYSTEM SHALL BE GROUNDED AND ELECTRICALLY CONTINOUS. USE ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR CONCEALED WIRING AND ELSEWHERE AS PERMITED BY THE NEC. USE FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO LIGHT FIXTURES AND TRANSFORMERS. USE LIQUID TIGHT FOR FLEXIBLE CONNECTIONS IN ALL WET LOCATIONS. INSTALL A NYLON PULL CHORD IN ALL EMPTY RACE WAYS FOR FUTURE USE. SIZE ALL GUTTERS AND PULL BOXES PER NEC 370 AND 374.

4- FUSES SERVING ELECTRICAL MOTORS SHALL BE TIME DELAYED TYPE, UNLESS OTHERWISE INDICATED. ALL MOTERS STARTERS ARE TO BE SUPPLIED AND INSTALLED. GENERAL CONTRACTOR IS REQUIRED TO COORDINATE WITH ELECTRICAL AND MECHANICAL SUBCONTRACTORS PRIOR TO BID.

5- ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE HUBBELL OR APPROVED EQUAL. WIRING DEVICE PLATES IN FINISHED AREAS SHALL BE PHENOLIC COMPOUND WITH POLISH FINISH. COLOR AND STYLE SELECTED BY ARCHITECT, TENANT, OR OWNER, AS APPLICABLE. ALL SWITHCHES MOUNTED VERTICALLLY @48" A.F.F. UNLESS OTHERWISE SPECIFIED. ALL RECEPTACLES MOUNTED VERTICALLY @18 A.F.F. UNLESS OTHERWISE SPECIFIED. WHERE APPLICABLE, OUTLETS (POWER, TELEPHONE, DATA, SECURITY, ETC.) WITHIN CASEWORK ARE TO BE COORDINATED WITH CASEWORK MANUFACTURER. IN THE CASE OF OUTLETS SERVING CASEWORK MOUNTED EQUIPMENT, COORDINATE WITH CASEWORK MANUFACTURER AND EQUIPMENT MANUFACTURER FOR EXACT REQUIREMENTS PRIOR TO BID. COORDINATE INSTALLATION OF FLOOR OUTLETS WITH OWNER OR TENANT FOR EXACT LOCATION. IF FLOOR OUTLETS SERVE DISPLAY FIXTURES COORDINATE WITH MANUFACTURER FOR EXACT LOCATION REQUIRED. LOCATIONS ON THESE DRAWINGS ARE APPROXIMATE.

6- PROVIDE WRITTEN GUARANTEE STATING THAT THE CONDUCTOR WILL REPLACE OR REPAIR, FREE OF CHARGE, ANY EQUIPMENT OR MATERIAL WHICH FAILS DURING A ONE YEAR PERIOD FROM THE DATE OF SUBSTANTIAL COMPLETION.

7- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS WORK WITH THAT OF OTHER TRADES AND/OR GENERAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS WHICH ARE NECESSARY TO COMPLETE THE INSTALLATION OF A COMPLETE AND WORKING ELECTRICAL SYSTEM INDICATED BY CONTRACT DRAWINGS. ELECTRICAL CONTRACTOR SHALL SECURE A COMPLETE SET OF DRAWINGS PRIOR TO BID TO DETERMINE IF OTHER WORK INDICATED IN STRUCTURAL, ARCHITECTURAL, MECHANICAL, OR OTHER DISCIPLINE, WILL AFFECT HIS BID. CONTRACTOR IS TO THE VISIT SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND THE EXISTING INSTALLATION.

8- IN EXISTING BUILDINGS, ALL ROOF AND SLAB PENETRATIONS MUST CONFORM TO LANDLORD'S STANDARD CRITERIA AND SHALL BE SUBJECT TO LANDLORD'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS. ROOFING AND/OR WEATHERPROOFING OF ANY INSTALLATION AND/OR PENETRATION MUST BE PERFORMED BY A ROOFING CONTRACTOR AUTHORIZED BY THE LANDLORD. CONTRACTOR IS REQUIRED TO MAINTAIN FIRE RATING OF ALL WALL AND SLAB PENETRATIONS.

9- ELECTRICAL CONTRACTOR IS TO COORDINATE HIS WORK WITH THE ARCHITECT, TENANT, OR OWNER, AS APPLICABLE, BEFORE ROUGH INSTALLATION OF LIGHTS, RECEPTACLES, AND SWITCHES FOR EXACT LOCATION AND HEIGHT. CONTRACTOR SHALL VERIFY THE CEILING FINISHES AND SUSPENSION SYSTEMS FOR SELECTION OF THE PROPER TRIM AND SUPPORT ARRANGMENTS OF THE FIXTURE. COORDINATE REQUIREMENTS PRIOR TO BID.

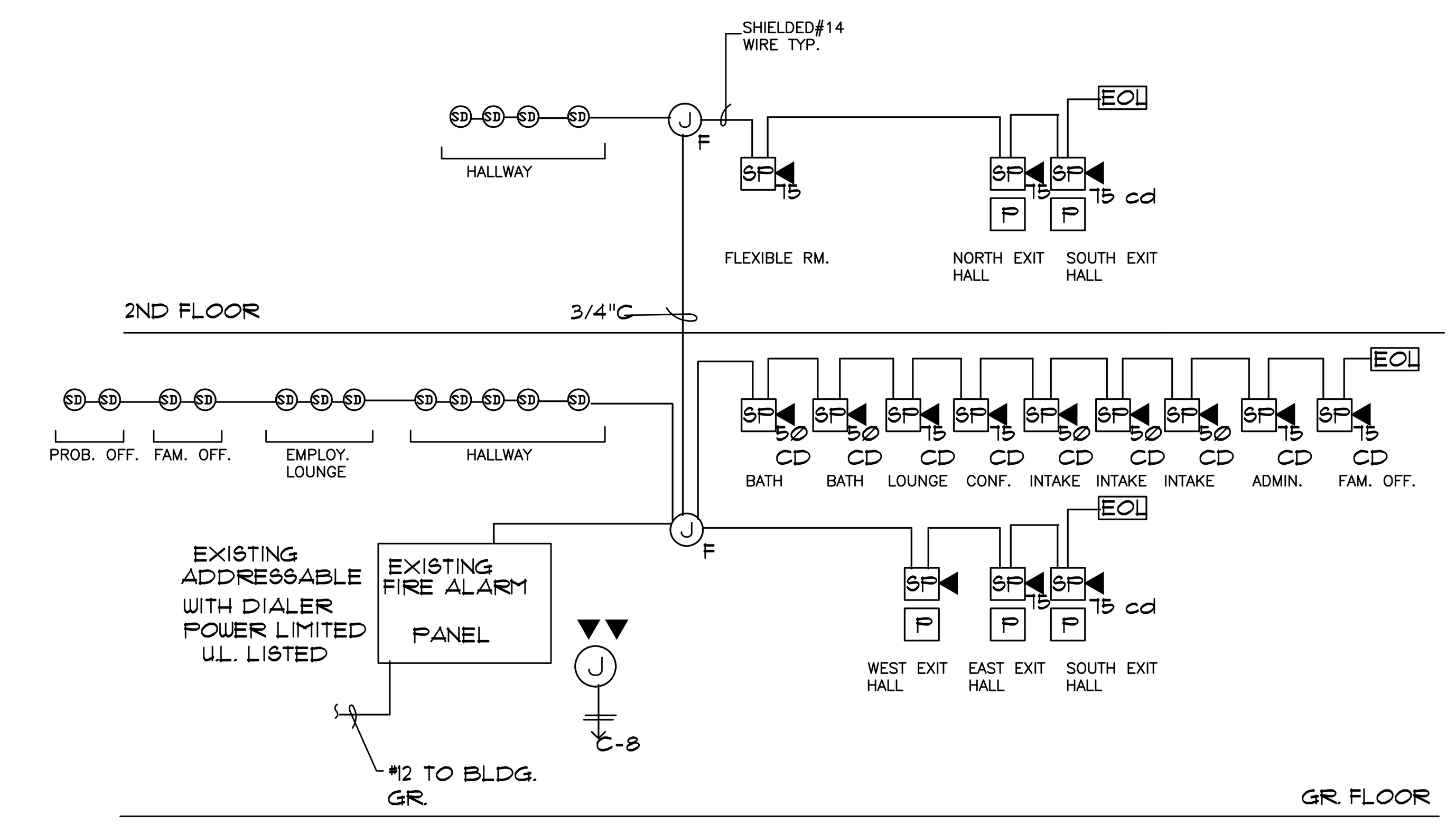
10- ELECTRICAL CONTRACTOR SHALL COORDINATE THE REQUIREMENTS OF PLUG AND CHORD TYPE EQUIPMENT WITH MANUFACTURER AND IS REQUIRED TO PROVIDE ELECTRICAL OUTLETS THAT WILL ACCEPT MANUFACTURER'S SUPPLIED PLUGS.

11- ALL AREAS IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.

12- EQUIPMENT SPECIFIED SHALL BE ADHERED TO. HOWEVER, OWNER HAS THE FINAL DECISION ON THE TYPE AND QUALITY OF EQUIPMENT TO BE SUPPLIED. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE OWNER PRIOR TO PURCHASING SUBSTITUTING EQUIPMENT. CONTRACTOR SHALL BEAR THE COST OF ALL ENGINEERING WORK RELATED TO SUBSTITUTED EQUIPMENT.

13- PROVIDE REQUIRED CONDUIT WITH PULL-STRINGS FOR TELEPHONE AS INDICATED. OBTAIN REQUIREMENTS FROM TELEPHONE COMPANY, TENANT, OR OWNER, AS APPLICABLE , FOR THE INSTALLATION OF TELEPHONE OUTLETS SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL SUPPLY AND INSTALL RACEWAYS TO TELEPHONE COMPANY POINT OF SERVICE. CONTRACTOR SHALL SUPPLY AND INSTALL RACEWAYS AND JUNCTION BOXES FROM TELEPHONE BACKBOARD TO ALL LOCATIONS INDICATED ON DRAWINGS. PRIOR TO BID, CONTACT OWNER OR TENANT TO DETERMINE IF TELEPHONE WIRING AND OR FINISHED PLATES ARE TO BE INCLUDED IN CONTRACT PRICE.

14- ALL FINAL BIDS SHALL BE BASED ON THE APPROVED BLDG. DEPARTMENT DOCUMENTS.



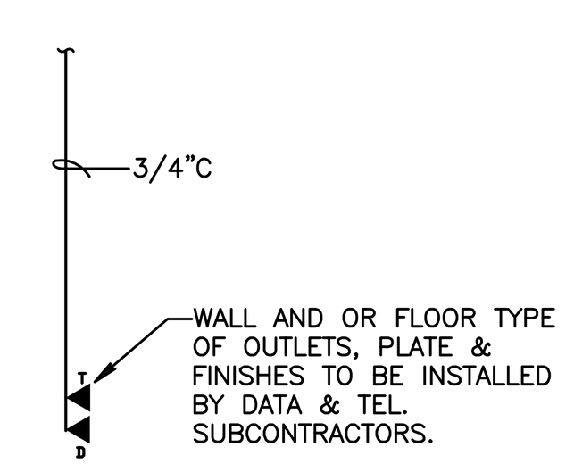
FIRE ALARM LEGEND	
P	PULL STATION NOTIFIER #NBG12 LOB
SP	SPEAKER/ STROBE 75 CD. NOTIFIER
WP	WEATHER PROOF
SD	SMOKE DETECTOR NOTIFIER FSP#851 WITH SOUNDER BASE
J F	FIRE ALARM J. BOX
EOL	END OF LINE RESISTOR

NOTE:
1. STROBE LIGHTS SHALL BE ADA MOUNTED.
2. FIRE ALARM CONTRACTOR SHALL INCLUDE IN BID THE PREPARATION OF A COMPLETE FLOOR PLAN LAYOUT, BATTERY CALCULATIONS AND SHOP DWGS., OF ALL ITEMS, TO BE SUBMITTED FOR PERMIT IN TRIPLICATE SIGNED AND SEALED BY A V.I. REGISTERED PROFESSIONAL.
ANY NEW DEVICE SHALL BE FULLY COMPATIBLE WITH THE EXISTING SYSTEM.

FIRE ALARM RISER

NOT TO SCALE.

ELECTRICIAN SHALL PROVIDE THE CONDUIT FOR DATA OUTLETS, AND TELEPHONE, WHERE APPLICABLE, AND TERMINATE THE CONDUIT ABOVE THE CEILING. THE DATA WIRE IS TO BE PROVIDED AND INSTALLED BY THE DATA SUBCONTRACTOR.



DATA,TEL.RISER

NTS

THREE PHASE FAULT CALCULATION

AVAILABLE FAULT AT TRANSFORMER AS REPORTED BY POWER UTILITY= 16133 AMPS AT 480 VOLTS.
(VERIFY REPORTED VALUES, DISTANCE TO TRANSFORMER AND ADJUST FAULT CALCULATION AS NECESSARY PRIOR TO ORDERING ANY MAIN BREAKER)

BASED ON THHN CU. FEEDER IN AN UNSHIELDED PLASTIC CONDUIT
C= 17900

$$F = \frac{1.732(110\ FT)(16133)}{(3)17900\ (480)}$$

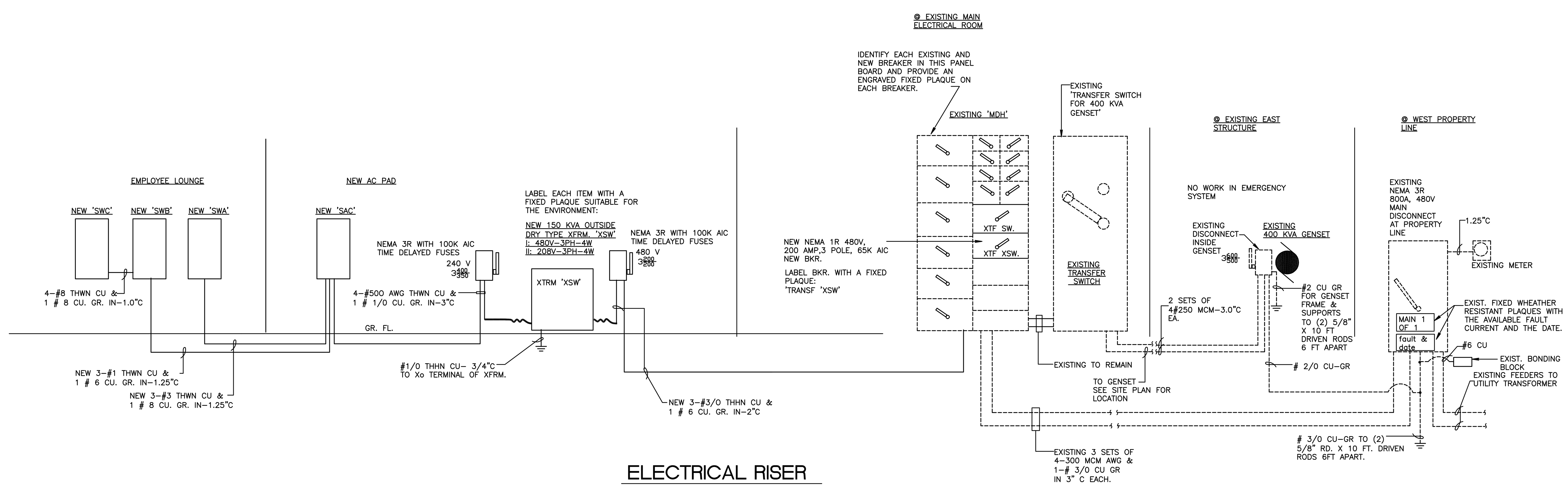
F=0.1192

$$M = \frac{1}{1 + 0.1192}$$

M=0.8934
Isca= 16133(0.8934)

ISCA= 14413

RATING OF MCB'S= 65K AIC



ELECTRICAL RISER

NTS

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:

TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:

GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410-B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 - 6 1 5 1

NO.	REVISIONS	DATE:
1	REVISED CONSTRUCTION SET	01-07-22

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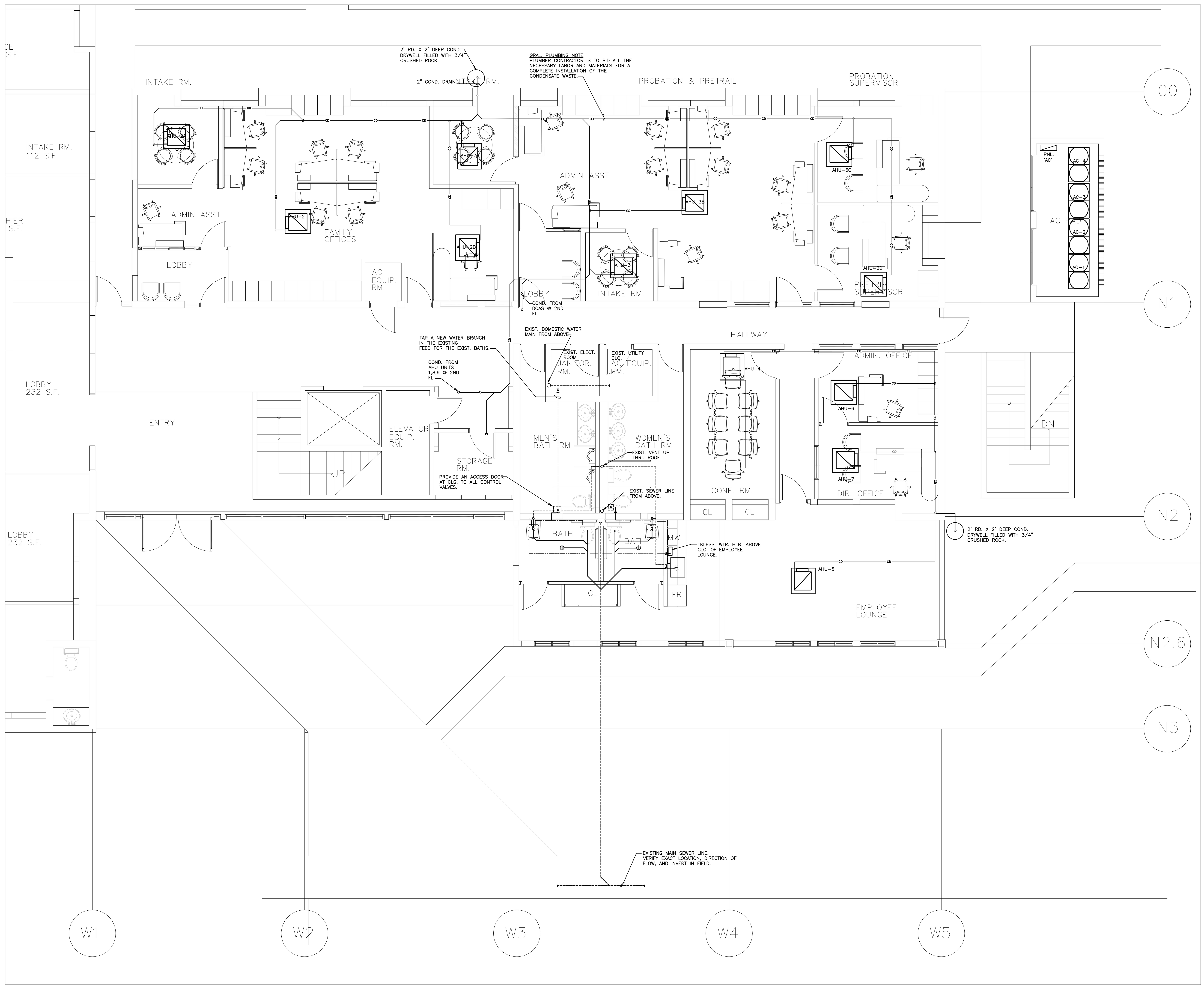
DWG NAME:

SEAL:

E-7

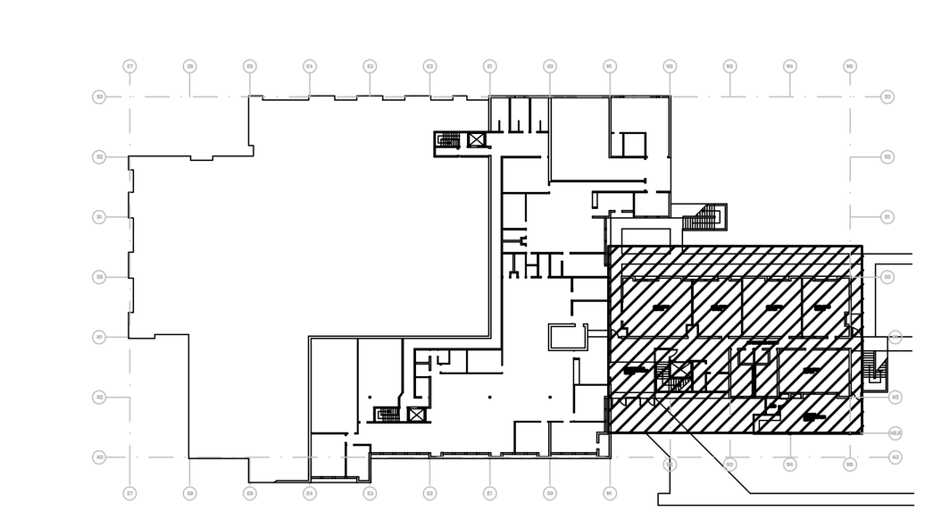


PARTIAL PLUMBING GROUND FLOOR PLAN

1/4" = 1' - 0"

PLUMBING SYMBOLS :

Symbol	Description	Symbol	Description
(solid heavy line)	SOIL & WASTE	(hose bib symbol)	HOSE BIB
(dashed line)	VENT	(thermometer symbol)	DIAL THERMOMETER
(dash-dot line)	COLD WATER	(wavy line)	FLEXIBLE CONNECTOR
(dash-dot-dot line)	HOT WATER	(line with circle)	RISER UP
—F—	FIRE MAIN	(line with hook)	RISER DOWN
—G—	GAS MAIN	⊖ C.O.	FLOOR CLEANOUT
—SD—	STORM DRAIN	C.T.G.	CLEAN OUT TO GRADE
(gate valve symbol)	GATE VALVE	O.R.D.	ROOF DRAIN
(check valve symbol)	CHECK VALVE	V.T.R.	VENT THRU ROOF
(OS & Y valve symbol)	OS & Y VALVE	C.I.	CAST IRON
○	ROOF DRAIN	D.F.	DRINKING FOUNTAIN
(pressure relief symbol)	PRESSURE RELIEF	F.U.	FIXTURE UNITS
		I.W.	indirect waste



KEY PLAN

NTS

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R.H. AMPHLETT LEADER JUSTICE CENTER
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t e l . (3 0 5) 6 6 5 - 6 1 5 1

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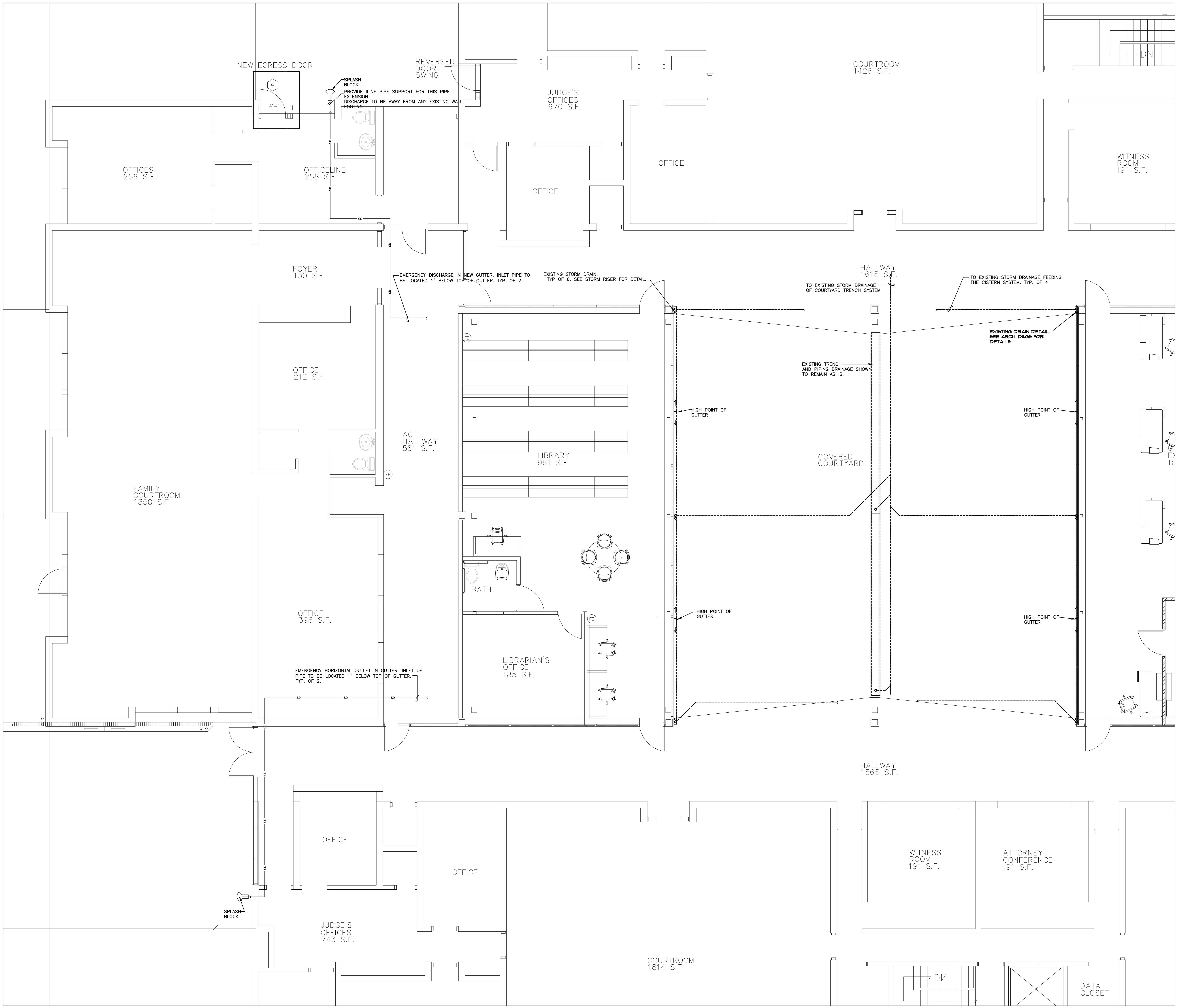
SEAL:

P-1

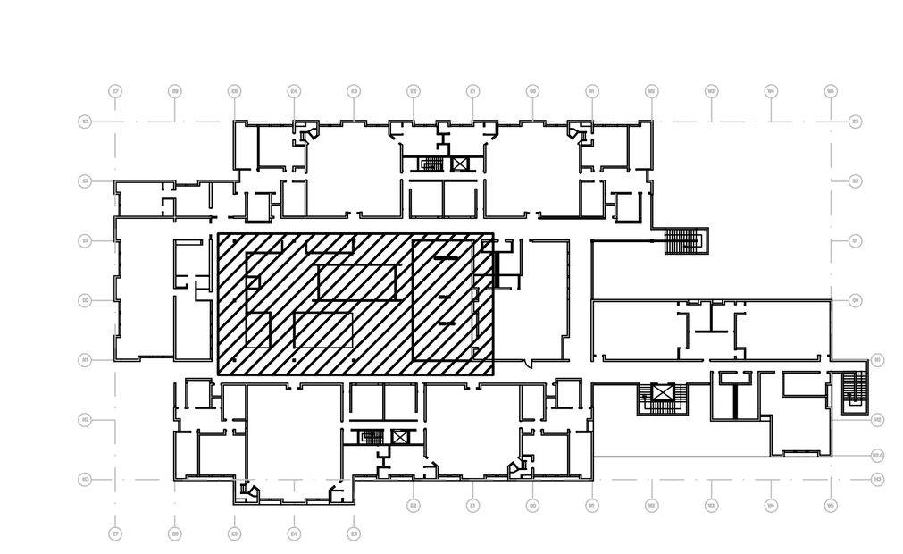

NEW EGRESS DOOR
SPLASH BLOCK
PROVIDE ILINE PIPE SUPPORT FOR THIS PIPE EXTENSION.
DISCHARGE TO BE AWAY FROM ANY EXISTING WALL FOOTING.
REVERSED DOOR SWING
COURTROOM 1426 S.F.
JUDGE'S OFFICES 670 S.F.
OFFICES 256 S.F.
OFFICELINE 258 S.F.
OFFICE
OFFICE
WITNESS ROOM 191 S.F.
FOYER 130 S.F.
EMERGENCY DISCHARGE IN NEW GUTTER. INLET PIPE TO BE LOCATED 1" BELOW TOP OF GUTTER. TYP. OF 2.
EXISTING STORM DRAIN. TYP OF 6. SEE STORM RISER FOR DETAIL.
HALLWAY 1615 S.F.
TO EXISTING STORM DRAINAGE OF COURTYARD TRENCH SYSTEM
TO EXISTING STORM DRAINAGE FEEDING THE CISTERN SYSTEM. TYP. OF 4
EXISTING DRAIN DETAIL. SEE ARCH. DWGS FOR DETAILS.
EXISTING TRENCH AND PIPING DRAINAGE SHOWN TO REMAIN AS IS.
OFFICE 212 S.F.
AC HALLWAY 561 S.F.
LIBRARY 961 S.F.
COVERED COURTYARD
HIGH POINT OF GUTTER
FAMILY COURTROOM 1350 S.F.
BATH
OFFICE 396 S.F.
LIBRARIAN'S OFFICE 185 S.F.
EMERGENCY HORIZONTAL OUTLET IN GUTTER. INLET OF PIPE TO BE LOCATED 1" BELOW TOP OF GUTTER. TYP. OF 2.
HALLWAY 1565 S.F.
OFFICE
OFFICE
WITNESS ROOM 191 S.F.
ATTORNEY CONFERENCE 191 S.F.
SPLASH BLOCK
JUDGE'S OFFICES 743 S.F.
COURTROOM 1814 S.F.
DN
DATA CLOSET

PARTIAL PLUMBING UPPER FLOOR PLAN

1/4" = 1' – 0"

PLUMBING SYMBOLS :

SOIL & WASTE	HOSE BIB
VENT	DIAL THERMOMETER
COLD WATER	FLEXIBLE CONNECTOR
HOT WATER	RISER UP
FIRE MAIN	RISER DOWN
GAS MAIN	C.O. FLOOR CLEANOUT
STORM DRAIN	C.T.G. CLEAN OUT TO GRADE
GATE VALVE	O.R.D. ROOF DRAIN
CHECK VALVE	V.T.R. VENT THRU ROOF
OS & Y VALVE	C.I. CAST IRON
ROOF DRAIN	D.F. DRINKING FOUNTAIN
PRESSURE RELIEF	F.U. FIXTURE UNITS
	I.W. indirect waste



KEY PLAN

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SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
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IN ASSOCIATION WITH
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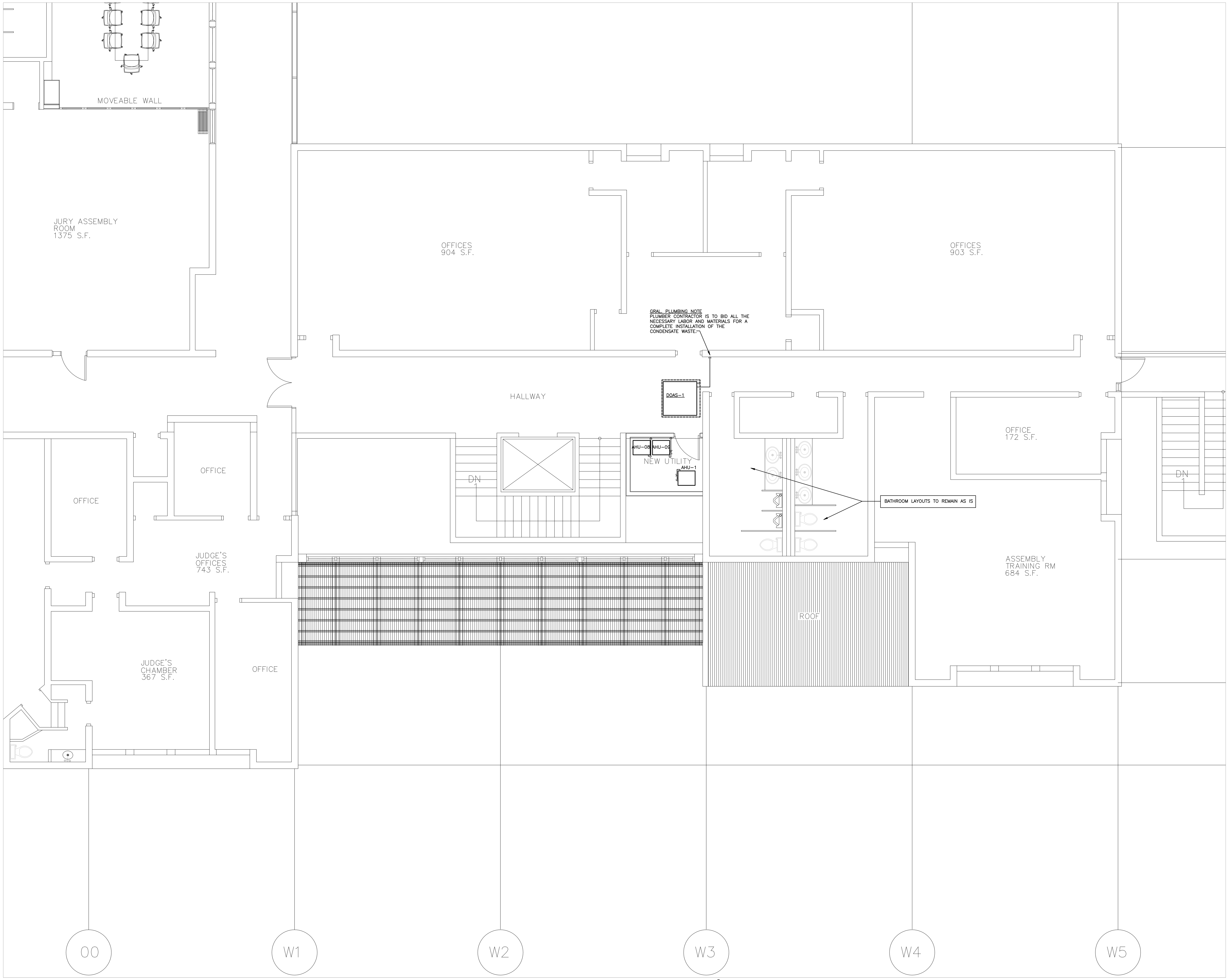
P-2

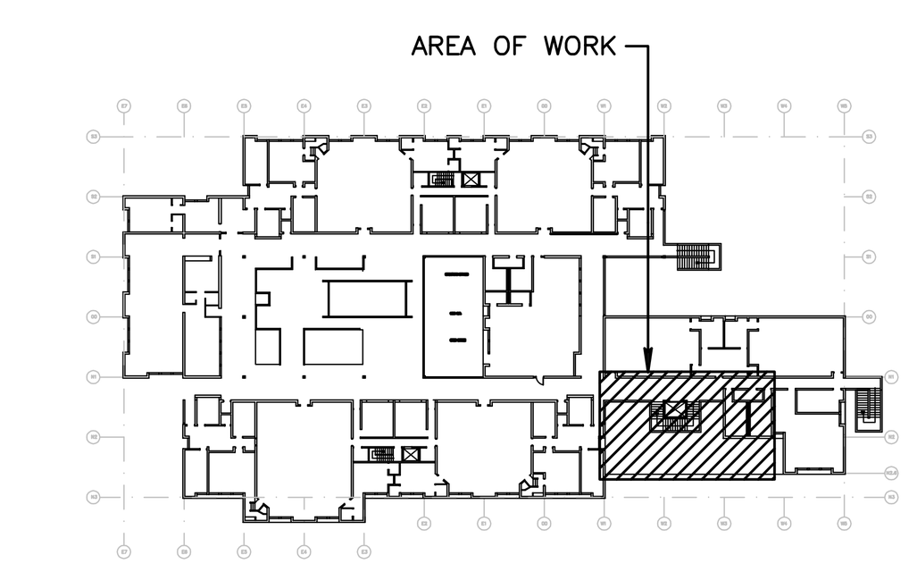


PARTIAL UPPER FLOOR PLAN-2

1/4" = 1' – 0"

PLUMBING SYMBOLS :

SOIL & WASTE	HOSE BIB
VENT	DIAL THERMOMETER
COLD WATER	FLEXIBLE CONNECTOR
HOT WATER	RISER UP
F — FIRE MAIN	RISER DOWN
G — GAS MAIN	C.O. — FLOOR CLEANOUT
SD — STORM DRAIN	C.T.G. — CLEAN OUT TO GRADE
GATE VALVE	O.R.D. — ROOF DRAIN
CHECK VALVE	V.T.R. — VENT THRU ROOF
OS & Y VALVE	C.I. — CAST IRON
ROOF DRAIN	D.F. — DRINKING FOUNTAIN
PRESSURE RELIEF	F.U. — FIXTURE UNITS
	I.W. — indirect waste



KEY PLAN

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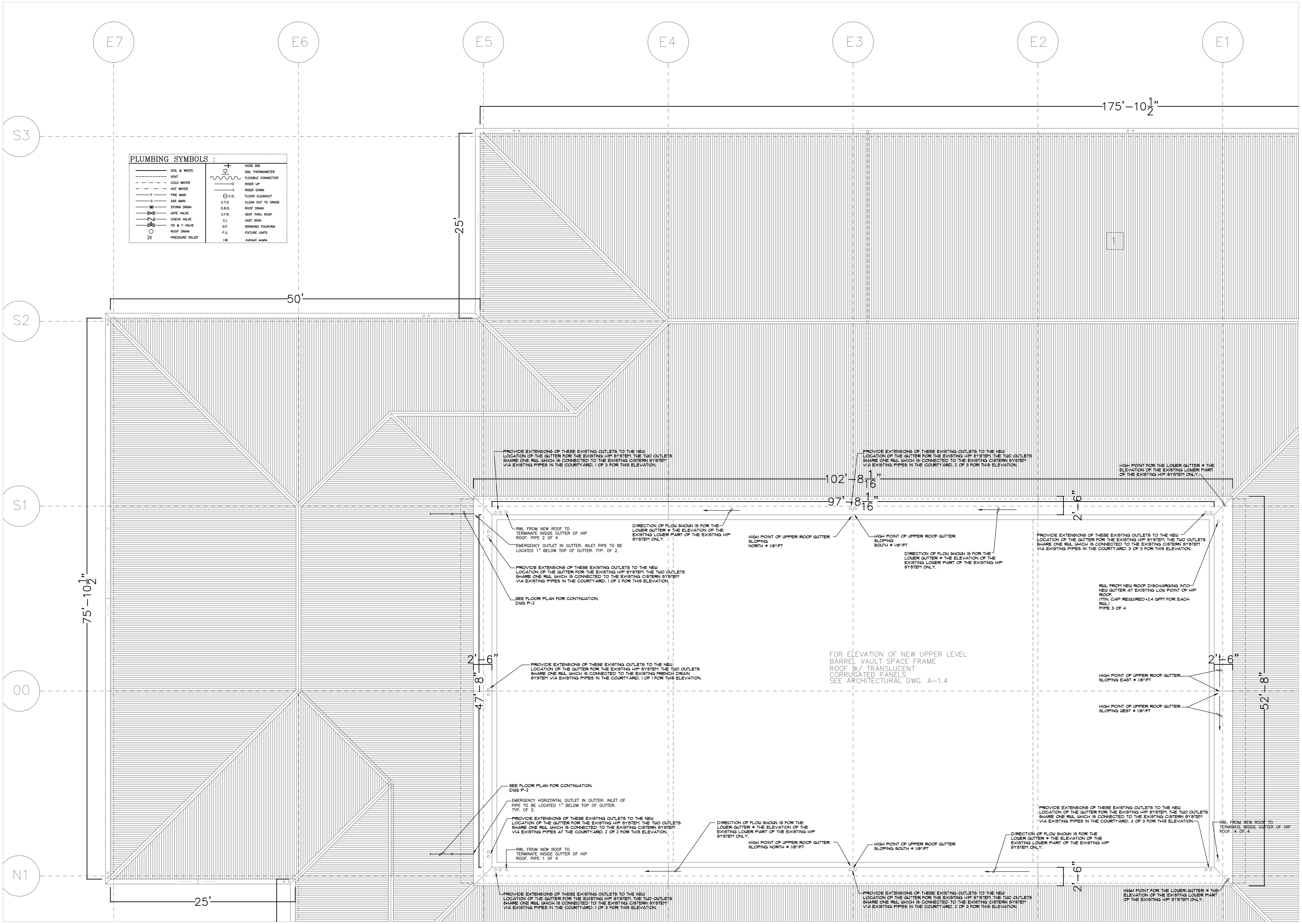
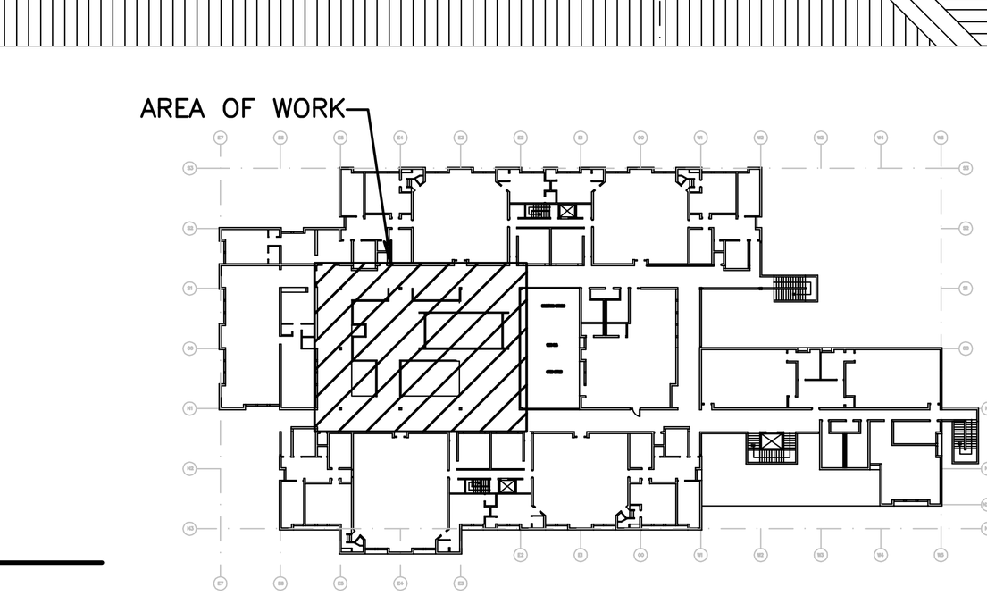
P-3



E7
E6
E5
E4
E3
E2
E1
S3
S2
S1
00
N1
175'-10 1/2"
25'
50'
75'-10 1/2"
25'
102'-8 1/16"
97'-8 1/16"
2'-6"
2'-6"
2'-6"
2'-6"
47'-8"
52'-8"
PLUMBING SYMBOLS :
SOIL & WASTE
VENT
COLD WATER
HOT WATER
FIRE MAIN
GAS MAIN
STORM DRAIN
GATE VALVE
CHECK VALVE
OS & Y VALVE
ROOF DRAIN
PRESSURE RELIEF
HOSE BIB
DIAL THERMOMETER
FLEXIBLE CONNECTOR
RISER UP
RISER DOWN
C.O. FLOOR CLEANOUT
C.T.G. CLEAN OUT TO GRADE
O.R.D. ROOF DRAIN
V.T.R. VENT THRU ROOF
C.I. CAST IRON
D.F. DRINKING FOUNTAIN
F.U. FIXTURE UNITS
I.W. indirect waste
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 1 OF 3 FOR THIS ELEVATION.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 2 OF 3 FOR THIS ELEVATION.
HIGH POINT FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.
RWL FROM NEW ROOF TO TERMINATE INSIDE GUTTER OF HIP ROOF. PIPE 2 OF 4
EMERGENCY OUTLET IN GUTTER. INLET PIPE TO BE LOCATED 1" BELOW TOP OF GUTTER. TYP. OF 2.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 1 OF 2 FOR THIS ELEVATION.
SEE FLOOR PLAN FOR CONTINUATION. DWG P-2
DIRECTION OF FLOW SHOWN IS FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.
HIGH POINT OF UPPER ROOF GUTTER SLOPING NORTH @ 1/8"/FT
HIGH POINT OF UPPER ROOF GUTTER SLOPING SOUTH @ 1/8"/FT
DIRECTION OF FLOW SHOWN IS FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 3 OF 3 FOR THIS ELEVATION.
RWL FROM NEW ROOF DISCHARGING INTO NEW GUTTER AT EXISTING LOW POINT OF HIP ROOF. (MIN. CAP REQUIRED=2.4 GPM FOR EACH RWL) PIPE 3 OF 4
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING FRENCH DRAIN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 1 OF 1 FOR THIS ELEVATION.
FOR ELEVATION OF NEW UPPER LEVEL BARREL VAULT SPACE FRAME ROOF W/ TRANSLUCENT CORRUGATED PANELS SEE ARCHITECTURAL DWG. A-1.4
HIGH POINT OF UPPER ROOF GUTTER SLOPING EAST @ 1/8"/FT
HIGH POINT OF UPPER ROOF GUTTER SLOPING WEST @ 1/8"/FT
SEE FLOOR PLAN FOR CONTINUATION. DWG P-2
EMERGENCY HORIZONTAL OUTLET IN GUTTER. INLET OF PIPE TO BE LOCATED 1" BELOW TOP OF GUTTER. TYP. OF 2.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES AT THE COURTYARD. 2 OF 2 FOR THIS ELEVATION.
RWL FROM NEW ROOF TO TERMINATE INSIDE GUTTER OF HIP ROOF. PIPE 1 OF 4
DIRECTION OF FLOW SHOWN IS FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.
HIGH POINT OF UPPER ROOF GUTTER SLOPING NORTH @ 1/8"/FT
HIGH POINT OF UPPER ROOF GUTTER SLOPING SOUTH @ 1/8"/FT
DIRECTION OF FLOW SHOWN IS FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 3 OF 3 FOR THIS ELEVATION.
RWL FROM NEW ROOF TO TERMINATE INSIDE GUTTER OF HIP ROOF. 4 OF 4
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 1 OF 3 FOR THIS ELEVATION.
PROVIDE EXTENSIONS OF THESE EXISTING OUTLETS TO THE NEW LOCATION OF THE GUTTER FOR THE EXISTING HIP SYSTEM. THE TWO OUTLETS SHARE ONE RWL WHICH IS CONNECTED TO THE EXISTING CISTERN SYSTEM VIA EXISTING PIPES IN THE COURTYARD. 2 OF 3 FOR THIS ELEVATION.
HIGH POINT FOR THE LOWER GUTTER @ THE ELEVATION OF THE EXISTING LOWER PART OF THE EXISTING HIP SYSTEM ONLY.

ROOF FLOOR PLAN

1/4" = 1' - 0"



KEY PLAN

NTS

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
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SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

P-4

PLUMBING GENERAL NOTES

1.0 EQUIPMENT SPECIFIED SHALL BE ADHERED TO. HOWEVER, OWNER HAS THE FINAL DECISION ON THE TYPE AND QUALITY OF EQUIPMENT TO BE SUPLLIED. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE OWNER PRIOR TO PURCHASING SUBSTITUTING EQUIPMENT. CONTRACTOR SHALL BEAR THE COST OF ALL ENGINEERING WORK RELATED TO SUBSTITUDED EQUIPMENT.

2. PRIOR TO COMMENCEMENT OF WORK, VERIFY MEASUREMENTS AT BUILDING SITE. SUBMIT DESCREPANCIES AND DIFFERENCES TO ARCHITECT/ENGINEER FOR CONSIDERATION AND DECISION BEFORE PROCEEDING.

3. PROVIDE ACCURATE LAYOUT, GRADES AND ELEVATIONS, SET SLEEVES AND OPENINGS IN AMPLE TIME, TAKE PROPER PRECAUTIONS TO PROTECT WORK AND EQUIPMENT FROM DAMAGE.

4. DO ALL TRENCHING, EXCAVATING AND BACKFILLING NECESSARY TO ACCOMODATE THE WORK UNDER THIS DIVISION. TRENCH WIDTHS TO BE ADEQUATE TO PERMIT INSTALLATION ALLOWING A MINIMUM OF 8" CLEARANCE ON EACH SIDE OF PIPE. BOTTOM OF TRENCH TO BE TAMPERED FIRM AND EVENLY GRADED TO PROVIDE SPECIFIED PITCH. SHEATH AND BRACE TRENCHES AND EXCAVATIONS. AFTER TESTING AND INSPECTION, BACKFILL WITH CLEAN EARTH. BACKFILLING AND REMOVAL OF ANY SHEATHING AND BRACING TO BE DONE WITHOUT DISTURBING INSTALLED PIPING.

5. EQUIPMENT SCHEDULES ON THE DRAWINGS WERE USED TO ARRIVE AT SPACE AND SERVICE REQUIREMENTS.

6. ANY SUBSTITUTE EQUIPMENT MUST BE EQUAL IN ALL RESPECTS AND WILL BE ALLOWED ONLY UPON WRITTEN APPROVAL BY ENGINEER PRIOR TO SUBMISSION OF BIDS.

7. SHOP DRAWINGS TO BE SUBMITTED FOR THE FOLLOWING ITEMS: DRAINAGE SPECIALITIES, FIRE PROTECTION EQUIPMENT, PLUMBING FIXTURES, PRESSURE CONTROL SYSTEMS, VALVES, VIBRATION ISOLATION EQUIPMENT.

8. DRAWINGS, ARE APPROXIMATE ONLY AND ARE UNDERSTOOD TO BE SUBJECT TO SUCH REVISIONS AS MAY PROVE NECESSARY OR DESIRABLE AT THE TIME THE WORK IS INSTALLED. EACH CONTRACTOR WILL BE REQUIRED TO INSTALL HIS WORK WITH RELATION TO EXISTING BUILDING CONDITIONS AND WILL BE ENTIRELY RESPONSIBLE FOR FINISH ELEVATIONS, ETC. EXTERIOR UTILITIES SHOWN ON DRAWINGS ARE DIAGRAMMATIC ONLY; THEIR EXACT LOCATIONS, DEPTHS AND INVERT ELEVATIONS ARE AS REQUIRED FOR PROPER FLOW AND COORDINATION WITH OTHER TRADES (REFER TO CIVIL ENGINEER PLANS).

9. DRAWING SHOW ARRANGEMENT OF PIPING AND EQUIPMENT. SHOULD LOCAL CONDITIONS NECESSITATE ANY REARRANGMENT, OR IF THE PIPING CAN BE INSTALLED TO BETTER ADVANTAGE IN A DIFFERENT MANAGER, THE CONTRACTOR SHALL BEFORE PROCEEDING WITH WORK, SUBMIT 2 COPIES OF DRAWINGS OF PROPOSED ARRANGEMENT FOR ENGINEER TO REVIEW.

10. IF CONTRACTOR PROPOSED TO INSTALL EQUIPMENT, INCLUDING PIPING REQUIRING SPACE CONDITIONS OTHER THAN THOSE SHOWN, OR TO REARRANGE EQUIPMENTS, HE SHALL ASSUME FULL RESPONSIBILITY FOR REARRANGEMENT OF SPACE AND SHALL HAVE ARCHITECT REVIEW CHANGES BEFORE PROCEEDING WITH THE WORK. REQUEST FOR SUCH CHANGES SHALL BE ACCOMPNIED BY SHOP DRAWINGS OF SPACE IN QUESTION.

11. EACH CONTRACTOR IS RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF SLOTS, HOLES OR OPENINGS IN BUILDING STRUCTURE PERTAINING TO HIS WORK AND FOR CORRECT LOCATION OF PIPE SLEEVES.

12. EACH CONTRACTOR SHALL SO HARMONIZE HIS WORK WITH THAT OF THE SEVERAL OTHER TRADES SO THAT IT MAY BE INSTLALLED IN A MOST DIRECT AND WORKMANLIKE MANNER WITHOUT HINDERING OR HANDICAPPING OTHER TRADES. PIPING INTERFERENCES SHALL BE HANDLED BY GIVING PRECEDENCE TO PIPELINES WHICH REQUIRE A STATED GRADE FOR PROPER OPERATION. SEWER LINES SHALL TAKE PRECEDENCE OVER WATER LINES REQUIRING STATED GRADE FOR THEIR PROPER OPERATIONS SHALL HAVE PRECEDENCE OVER ELECTRICAL CONDUIT AND DUCTWORK.

13. FURNISH OWNER WITH 2 SETS OF ACCURATELY MARKED COPIES OF THE DRAWINGS, INDICATING ALL CHANGES FROM ORIGINALS AS INSTALLED.

14. FURNISH OWNER WITH ALL GUARANTEES FOR EQUIPMENT OR MATERIALS EXTENDING BEYOND THE GUARANTEE PERIOD SPECIFIED IN THE GENERAL CONDITIONS OF THESE SPECIFICATIONS.

15. PLUMBING SYSTEMS SHALL BE PROVIDED COMPLETE. SHOULD A SYSTEM OR ANY PART THEROF FAIL TO MEET PERFORMANCE REQUIREMENTS, NECESSARY REPLACEMENTS, ALTERATIONS OR REPAIRS AS REQUIRED BY THE ARCHITECTURE/ENGINEER, SHALL BE MADE TO BRING PERFORMANCE UP TO SPECIFIED REQUIREMEMTS AND ALL BUILDING CONSTRUCTION AND FINISHES DAMAGED OR MARRED BY SUCH REPLACEMENTS, ALTERATIONS OR REPAIRS SHALL BE RESTORED TO PRIOR CONDITION AT NO ADDITIONAL COST TO OWNER.

16. SUB–CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO THE WORK OF OTHER SUB–CONTRACTORS, OR TO THE BUILDING, OR TO ITS CONTENTS, PEOPLE, ETC.; CAUSED BY LEAKS IN ANY OF THE EQUIPMENT, OR MATERIAL FAILURES, OR DISCONNECTED PIPES, FITTINGS OR BY OVERFLOWS, AND SHALL MAKE AT HIS OWN EXPENSE, ALL REPAIRS TO MATERIALS AND EQUIPMENT SO DAMAGED.

17. ALL WORK, EQUIPMENT AND MATERIALS SHALL BE PROTECTED AT ALL TIMES TO PREVENT OBSTRUCTION, DAMAGE, OR BREAKAGE. ALL PIPE OPENINGS SHALL BE CLOSED WITH CAPS OR PLUGS.

18. PLUMBING FIXTURES SHALL BE TESTED FOR PROPER OPERATION AND ALL FLUSH VALVES ADJUSTED.

19. A CLEANOUT SHALL BE PROVIDED AT THE BASE OF EACH SOIL AND WASTE PIPE.

20. A MINIMUM PITCH OF ALL HORIZONTAL BRANCHES AND SEWER LINES SHALL BE 1/4" PER LINEAL FOOT FOR 2" AND SMALLER PIPE SIZES AND 1/8" PER FT. MIN. FOR 3" AND LARGER PIPE SIZES.

21. ALL DOMESTIC WATER PIPING AND FITTINGS SHALL BE CPVC RATED FOR DOMESTIC WATER USE AND RESISTANCE TO CHLORINE. PEX AS MANUFACTURED BY UPONOR OR GREEN PIPE PP–R TYPE BY AQUATHERM.

22. IN GENERAL ALL WORK OF THIS TRADE MUST COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE, AND ALL OTHER LATEST MUNICIPAL CODES IN EFFECT.

23. PROVIDE SAFEWASTE FOR AIR CONDITIONING UNIT CONDENSATE WITH TRAP.

28. PROVIDE PAN DRAINS TO BUILDING EXTERIOR 6" ABOVE GRADE TURNED DOWN (EACH SEPARATEDLY).

24. ALL HOSE BIBBS SHALL BE PROVIDED WITH VACUUM BREAKERS (WATTS 8A) AND SHUT OFF VALVE.

25. ALL OUTSIDE CLEANOUT SHALL BE BROUGHT TO GRADE WITH COVER.

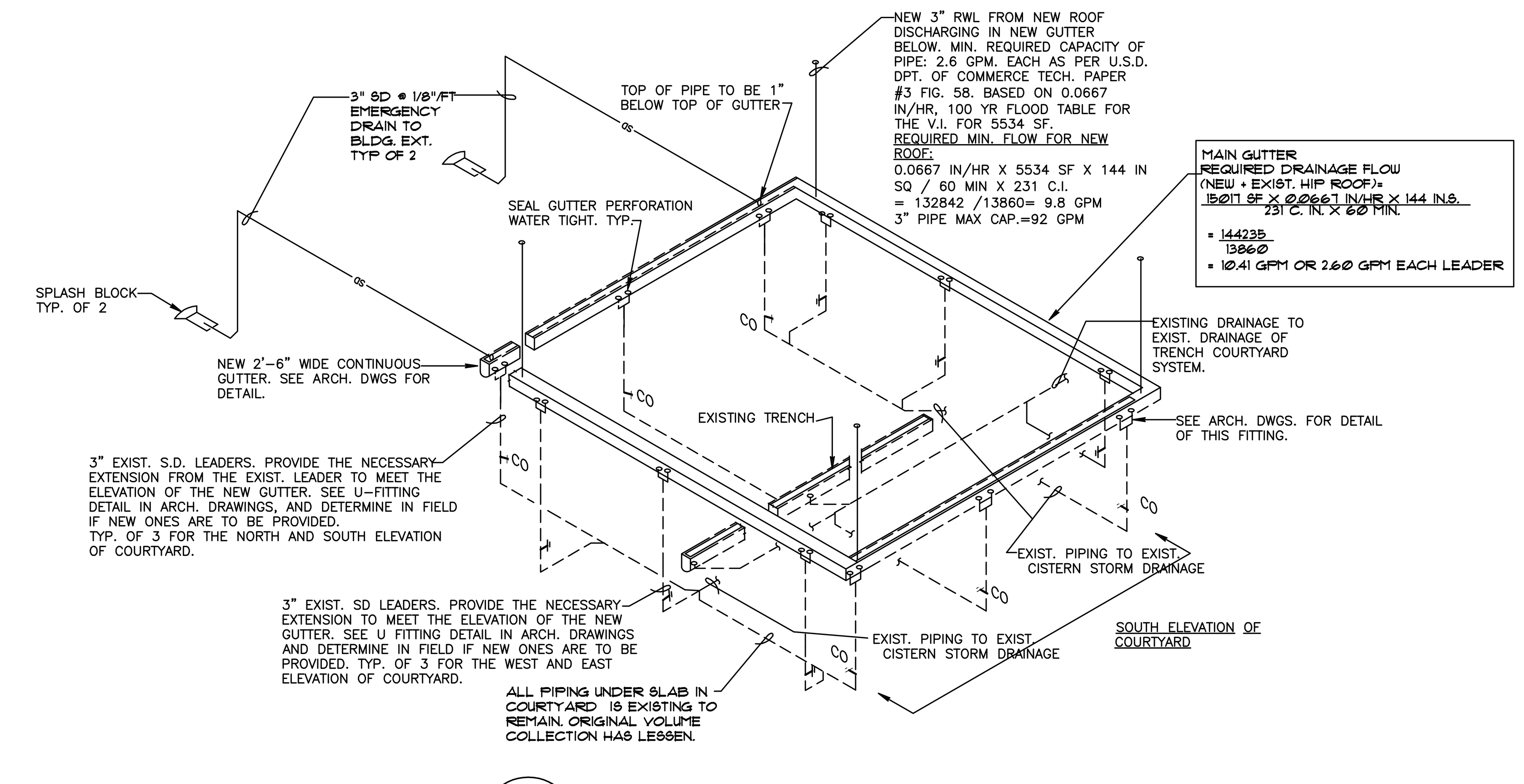
26. PROVIDE CLEANOUT EVERY 75 FEET INSIDE BUILDING.

27. SEWER AND STORM PIPING SHALL BE PVC SCHEDULE 40.

28. APPLY A WATER PRESSURE TEST TO ALL PARTS OF THE WATER SUPPLY AND DRAINAGE SYSTEMS BEFORE THE PIPING IS CONCEALED AND BEFORE THE FIXTURES AND EQUIPMENT ARE CONNECTED. FOR THE WATER SYSTEM USE A HYDRO–STATIC PRESSURE OF NOT LESS THAN 150 PSIG OR 1.25 TIMES THE SYSTEM WORKING PRESSURE, APPLIED TO THE SYSTEM FOR A PERIOD OF 4 HOURS. THERE SHALL BE NO LEAKS AT ANY POINT IN THE SYSTEM AT THIS PRESSURE. FOR THE DRAINAGE SYSTEM USE NOT LESS THAN 10 FT. OF HYDROSTATIC HEAD. LEAVE THE WATER IN THE SYSTEM FOR NOT LESS THAN 30 MINUTES, AFTER WHICH TIME NO LEAKS AT ANY POINT OR LOWERING OF THE WATER LEVEL AT THE OVERFLOW SHALL BE VISIBLE. LEAVE CONCEALED WORK UNCOVERED UNTIL REQUIRE TESTS HAVE BEEN COMPLETED. MAKE REPAIRS OF DEFECTS THAT ARE DISCOVERED WITH NEW MATERIALS. CAULKING OF SCREW JOINTS, CRACKS OR HOLES WILL NOT BE ACCEPTED. REPEAT TESTS AFTER DEFECTS HAVE BEEN ELIMINATED.

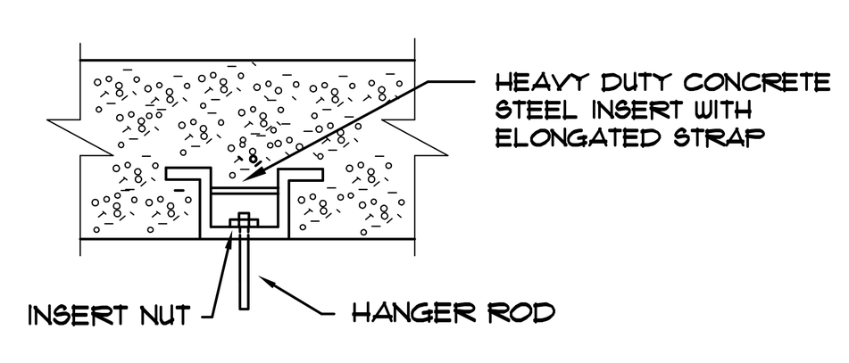
29. PROVIDE DIELECTRIC FITTINGS WHEN JOINING DISSIMILAR METALS.

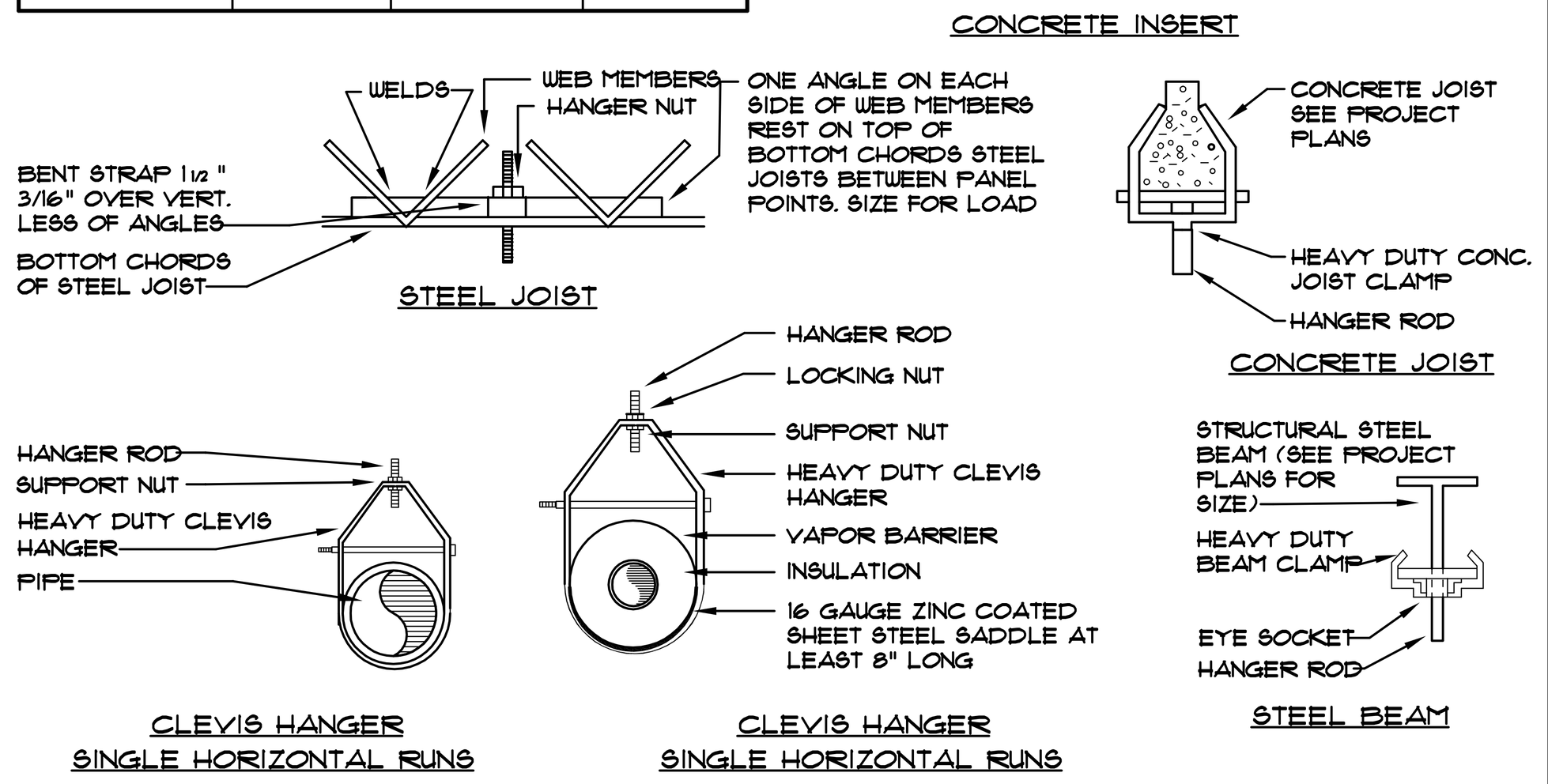
30. FINAL BIDS SHALL BE BASED ON THE BLDG. DPT. APPROVED DOCUMENTS.



5 EXIST. STORM WASTE RISER @ COURTYARD
P-4 N.T.S.

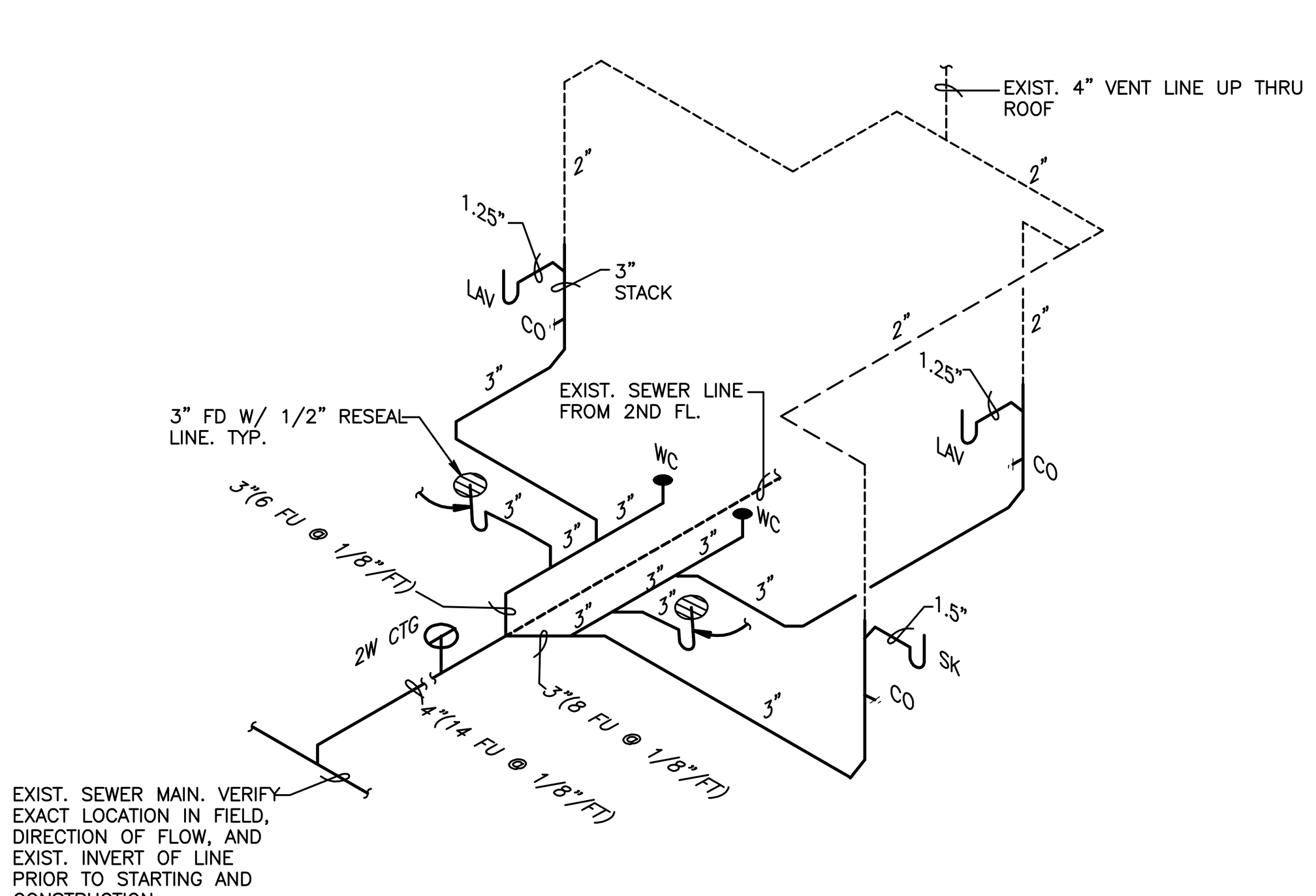
HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 6"	5/8" DIA.
2 1/2" TO 3"	1/2"	6" THRU 12"	7/8" DIA.



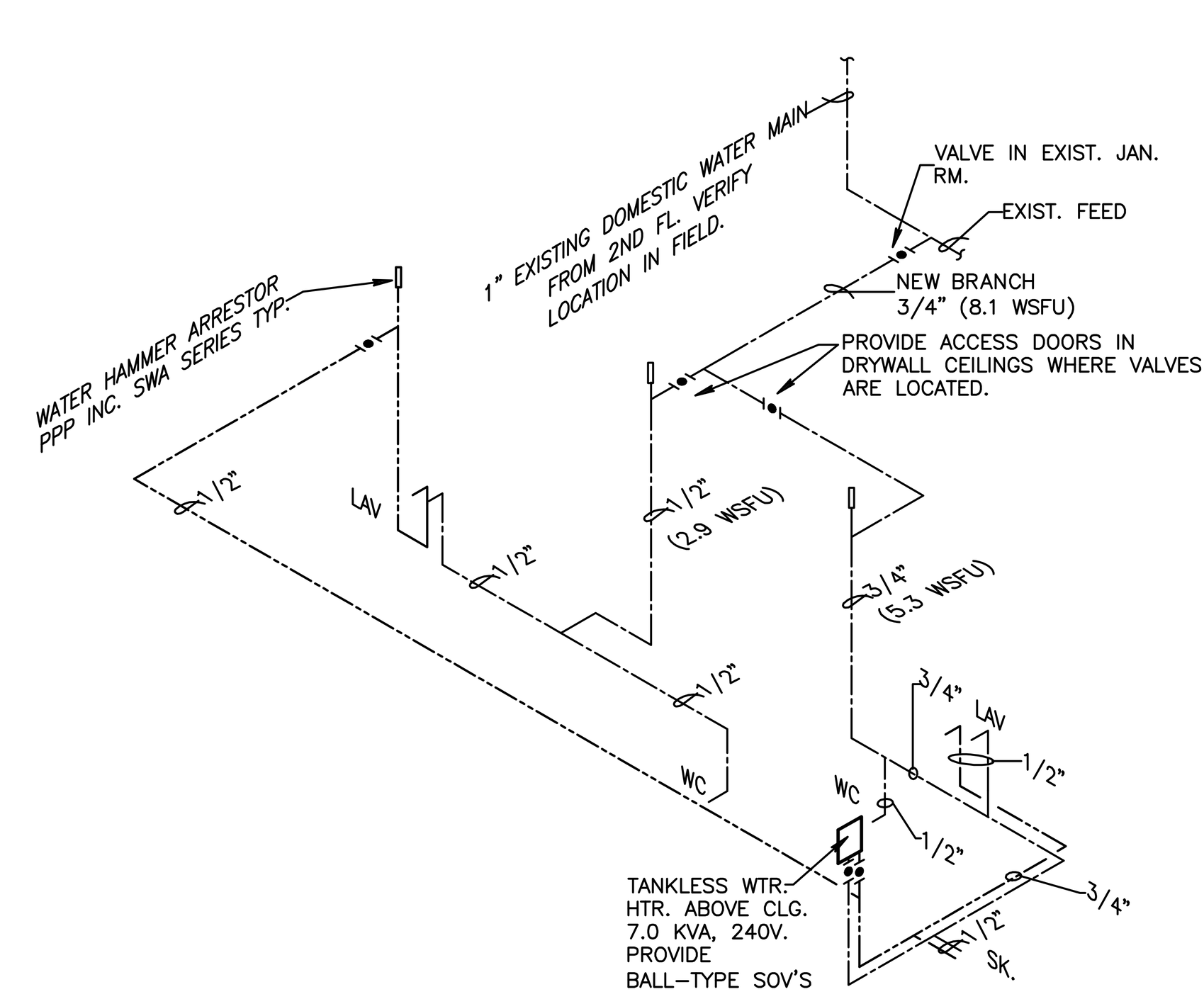


PIPE SUPPORT DETAIL

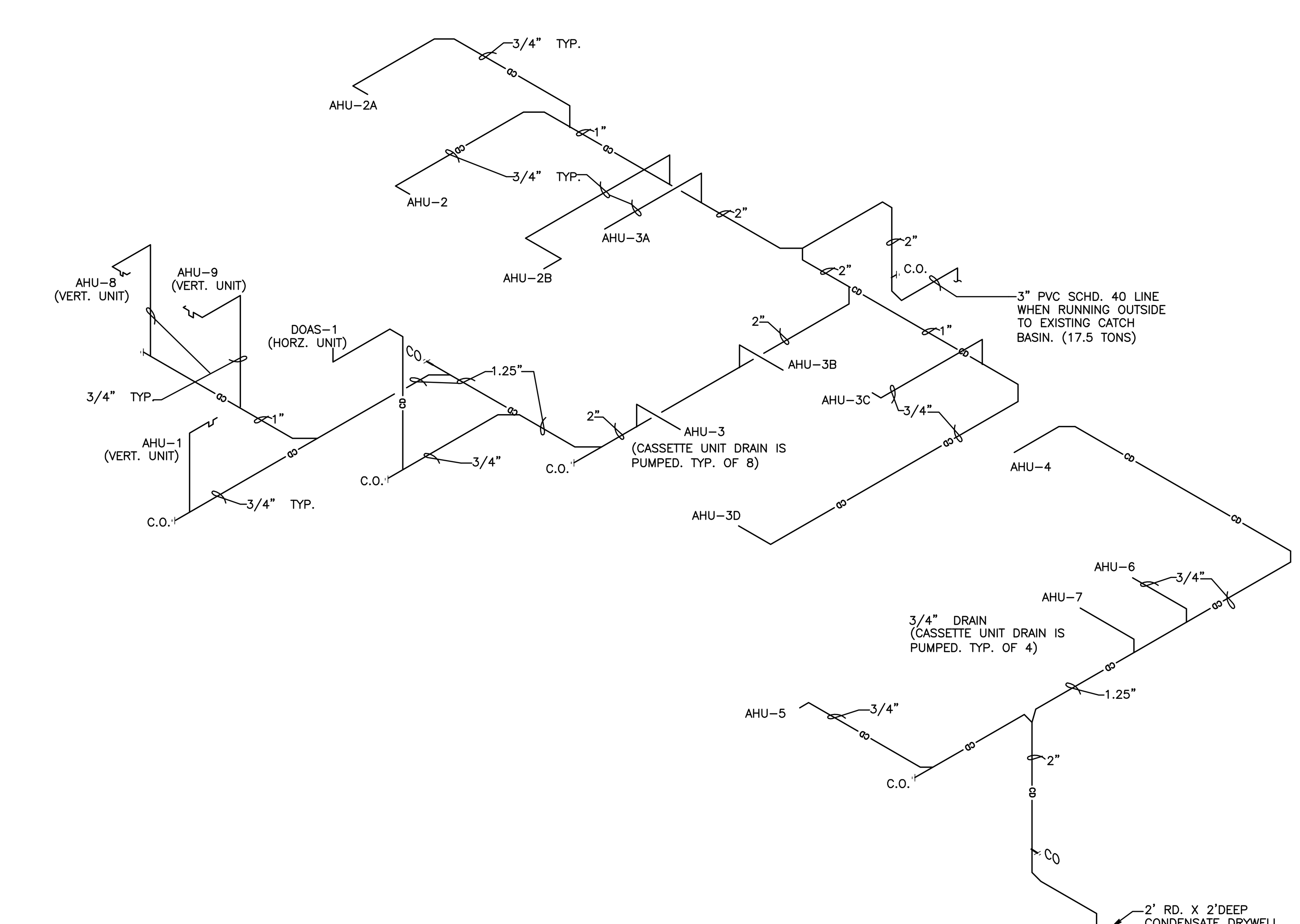
N.T.S.



3 SEWER RISER-EMPLOY. BATH
P-4 N.T.S.



4 WATER RISER-EMPLOY. BATH
P-4 N.T.S.



6 CONDENSATE WASTE RISER
P-4 N.T.S.

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

ARCHITECTURE:
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IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

NOTES:

ENGINEERING CONSULTANT:
GUSTAVO SOLANO, P.E.
mechanical / electrical
consulting engineer
fla. registration # : 3 4 9 2 3
7410-B s.w. 48th. ST., miami, fl. 33155
t e l . (3 0 5) 6 6 5 - 6 1 5 1

DATE: 01-07-22

REVISIONS
NO. 1 REVISED CONSTRUCTION SET

DRAWING TITLE:

SCALE: AS NOTED | DWN BY: GS | CHKD BY: G.L.

SEAL:

P-5

ATTACHMENT F

December - February

During the winter, trade winds reach a maximum and blow with great regularity from the east-northeast. Wind speeds range from eleven to twenty-one knots about sixty percent of the time in January. This is a period when the Bermuda High is intensified with only nominal compensation pressure changes in the Equatorial Trough. The trade winds during this period are interrupted by "Northerners" or "Christmas Winds" which blow more than twenty knots from a northerly direction in gusts from one to three days. Such outbreaks average about thirty each year and they are created by the strengthening of high-pressure cells over the North American continent which, in turn, allows weak cold fronts to move southeastward over the entire Caribbean region. Intermittent rains, clouds, and low visibility for mariners accompany these storms.

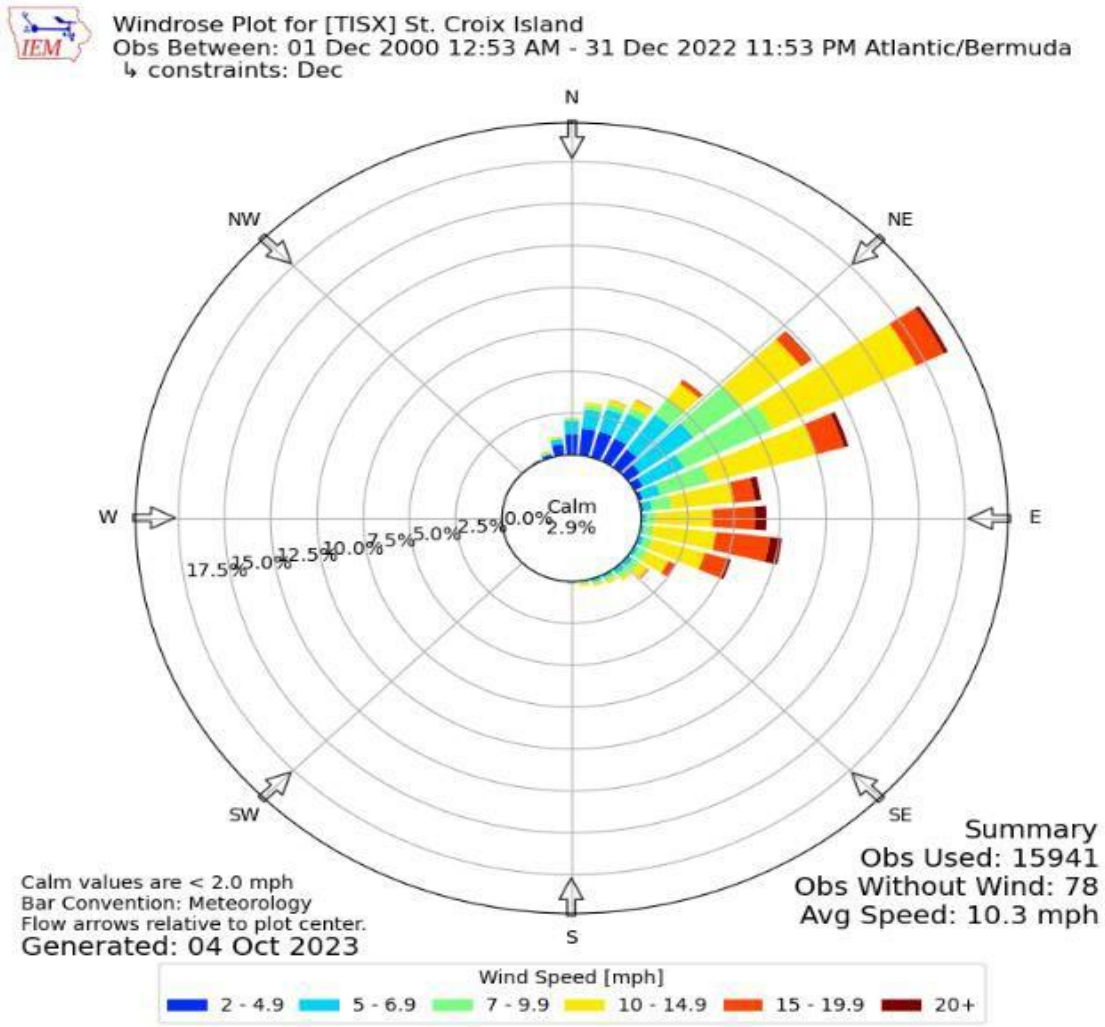


Figure 6 Dec 1, 2000 to Dec 31, 2022 Wind Rose

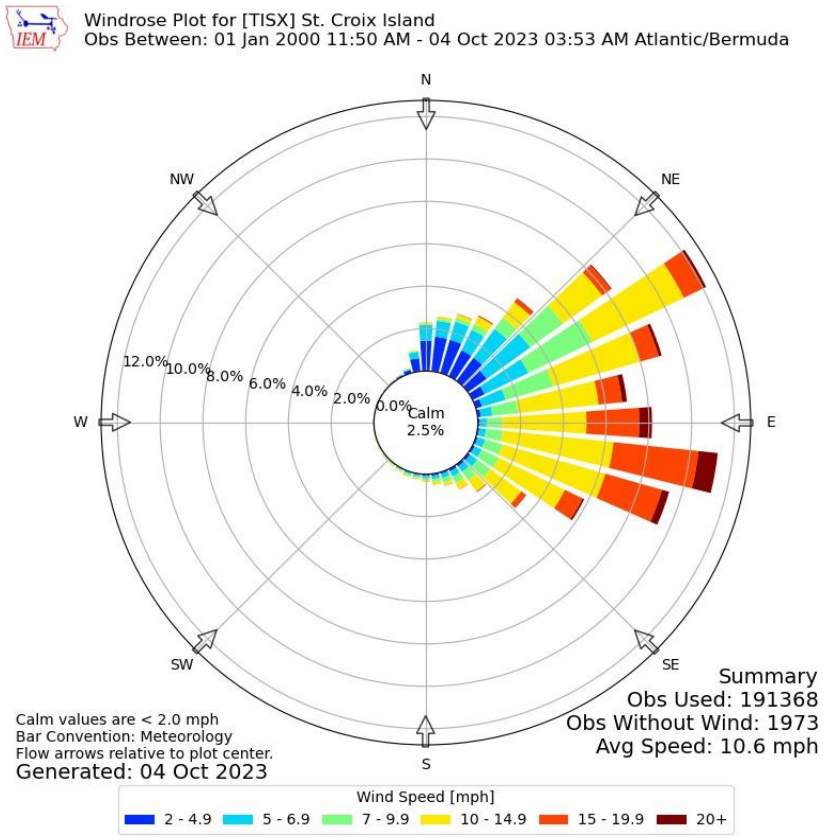


Figure 7 Jan 1, 2000 to Oct 4, 2023 Wind Rose

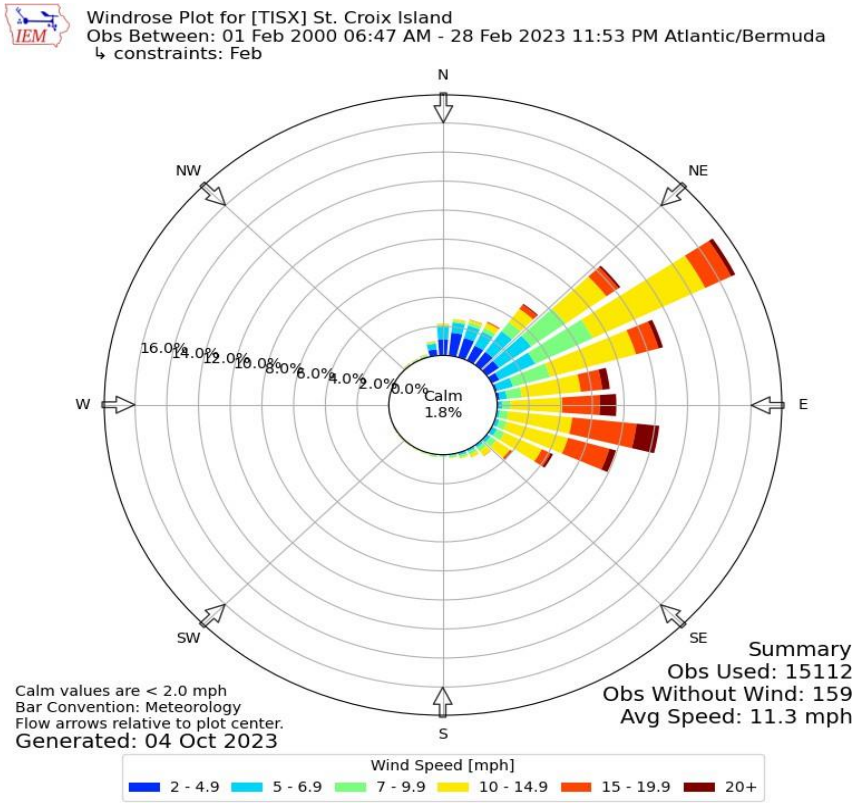


Figure 8 Feb 1, 2000 to Feb 28, 2023 Wind Rose

March – May

During the spring, the trade winds are reduced in speed and blow mainly from the east. Winds exceed twenty knots only thirteen percent of the time in April. The change in speed and direction is the result of a decrease in the Equatorial Trough.

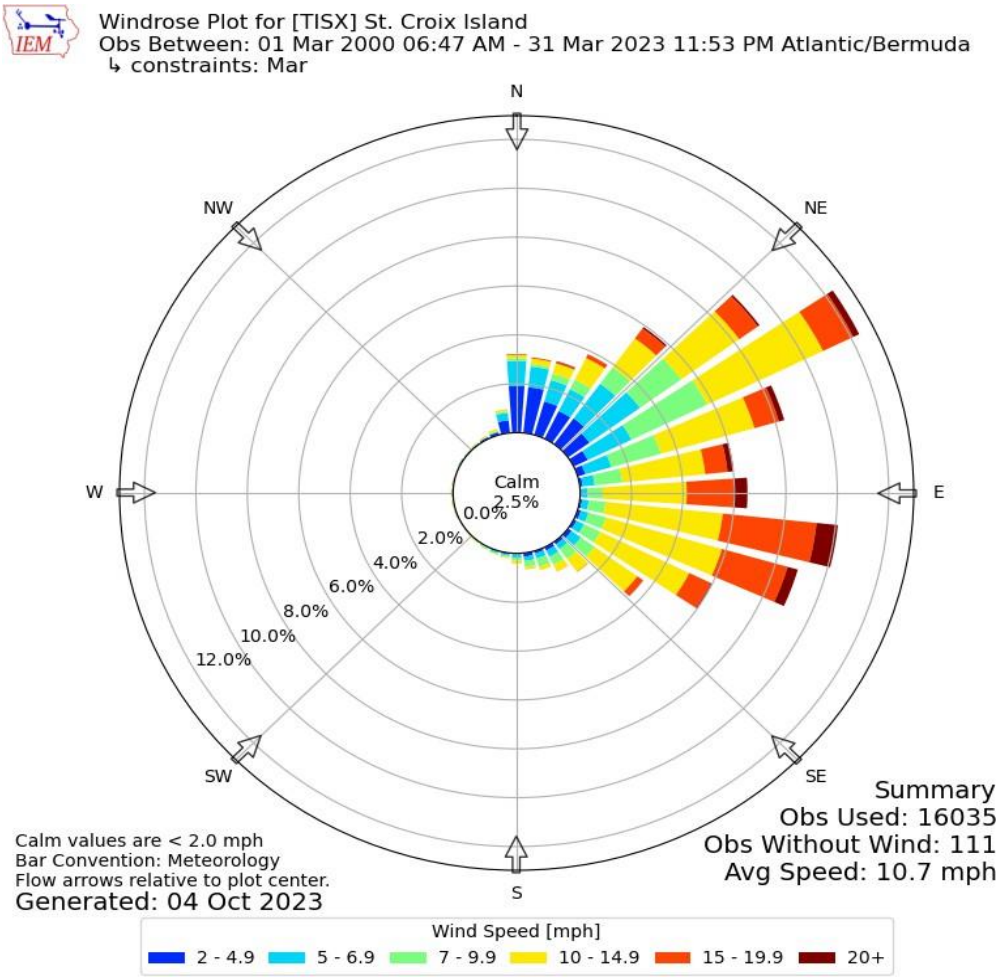


Figure 9 Mar 1, 2000 to Mar 31, 2023 Wind Rose

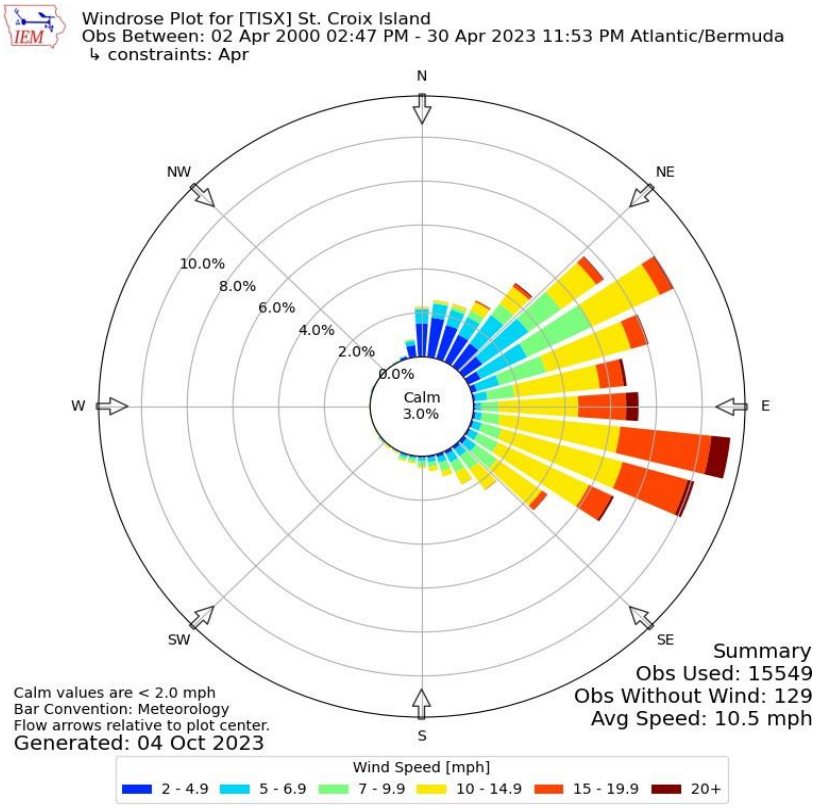


Figure 10 - April 2, 2000 to April 30, 2023 wind Rose

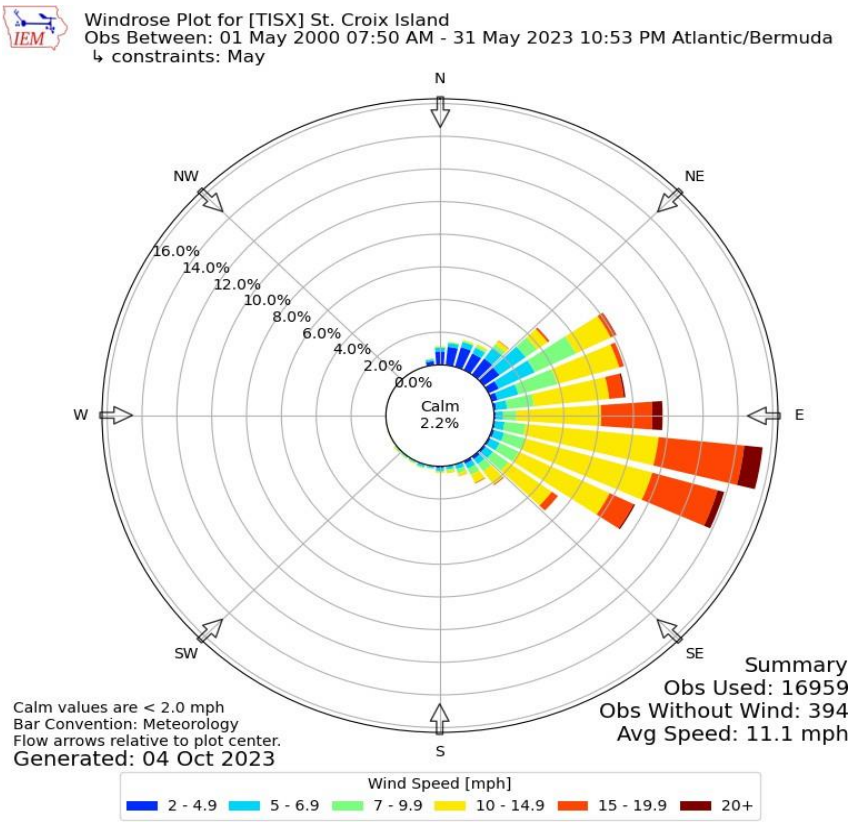


Figure 11 May 1, 2000 to May 31, 2023 Wind Rose

June – August

Trade winds reach a secondary maximum during this period and blow predominantly from the east to east-southeast; speeds exceed twenty knots twenty-three percent of the time during July. The trend for increasing winds results from the strengthening of the Bermuda High and a concurrent lowering of the pressure in the Equatorial Trough. Trade winds during this period are interrupted by occasional hurricane.

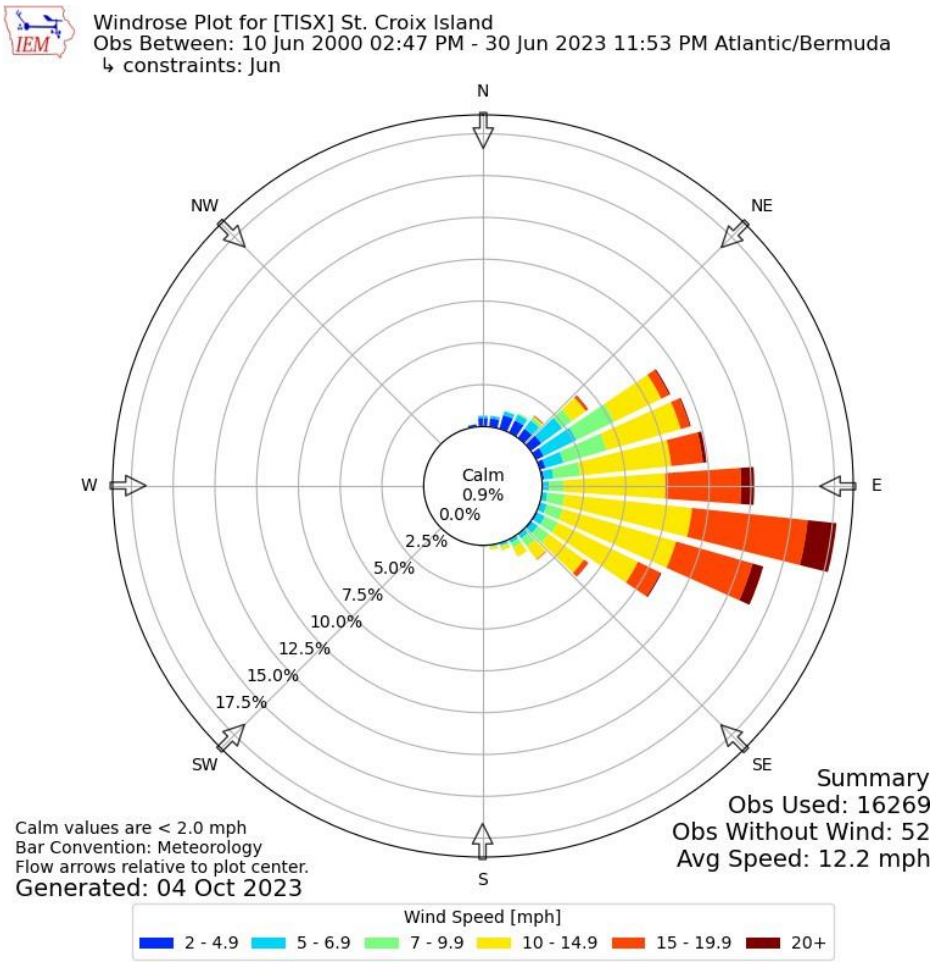


Figure 12 June 10, 2000 to June 30, 2023 Wind Rose

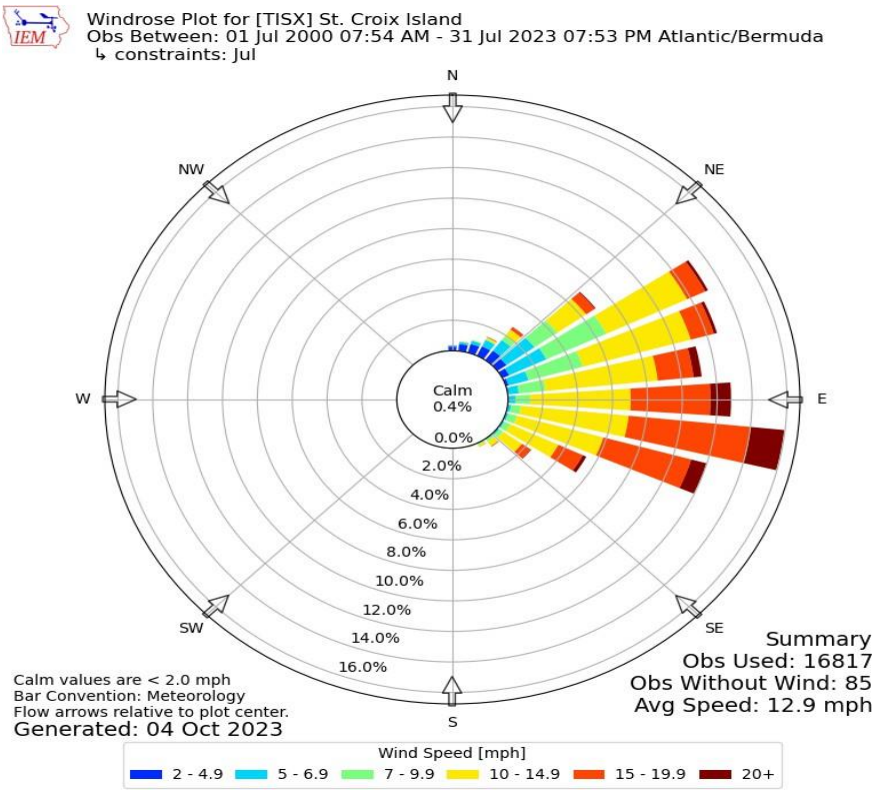


Figure 13 July 1, 2000 to July 31, 2023 Wind Rose

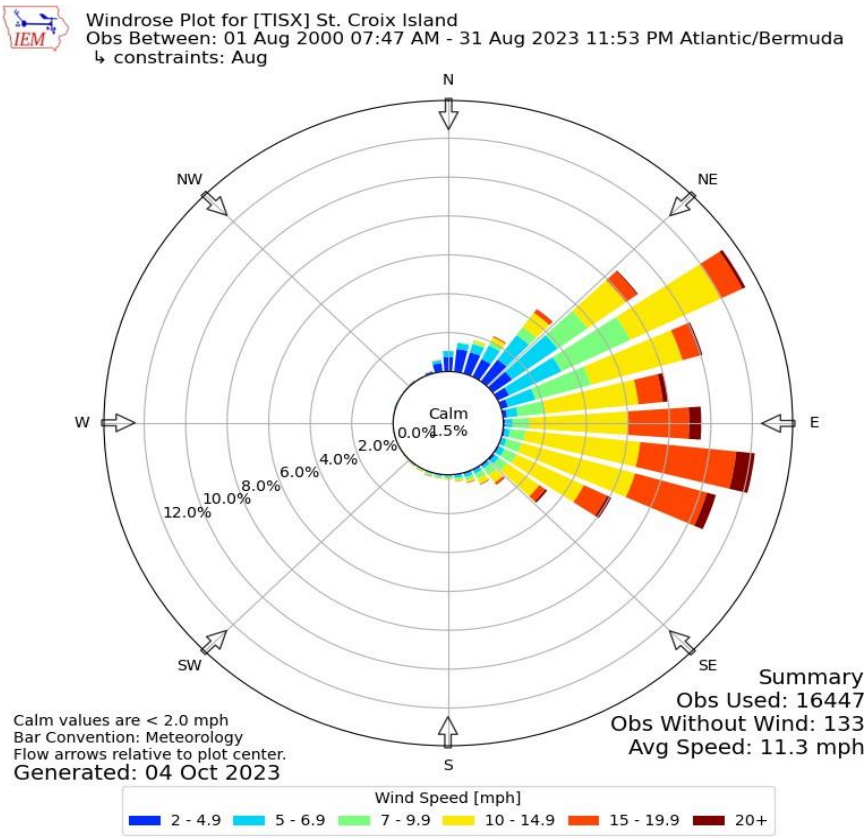


Figure 14 August 1, 2000 to August 31, 2023 Wind Rose

September – November

During the fall, winds blow mainly from the east or southeast and speeds reach an annual minimum; only 7 percent of the winds exceed 20 knots in October. The low speeds result from a decrease in the Equatorial Trough. During this period, especially during late August through mid-October, easterly waves, tropical storms in-October and hurricanes often break down the normal trade wind regime.

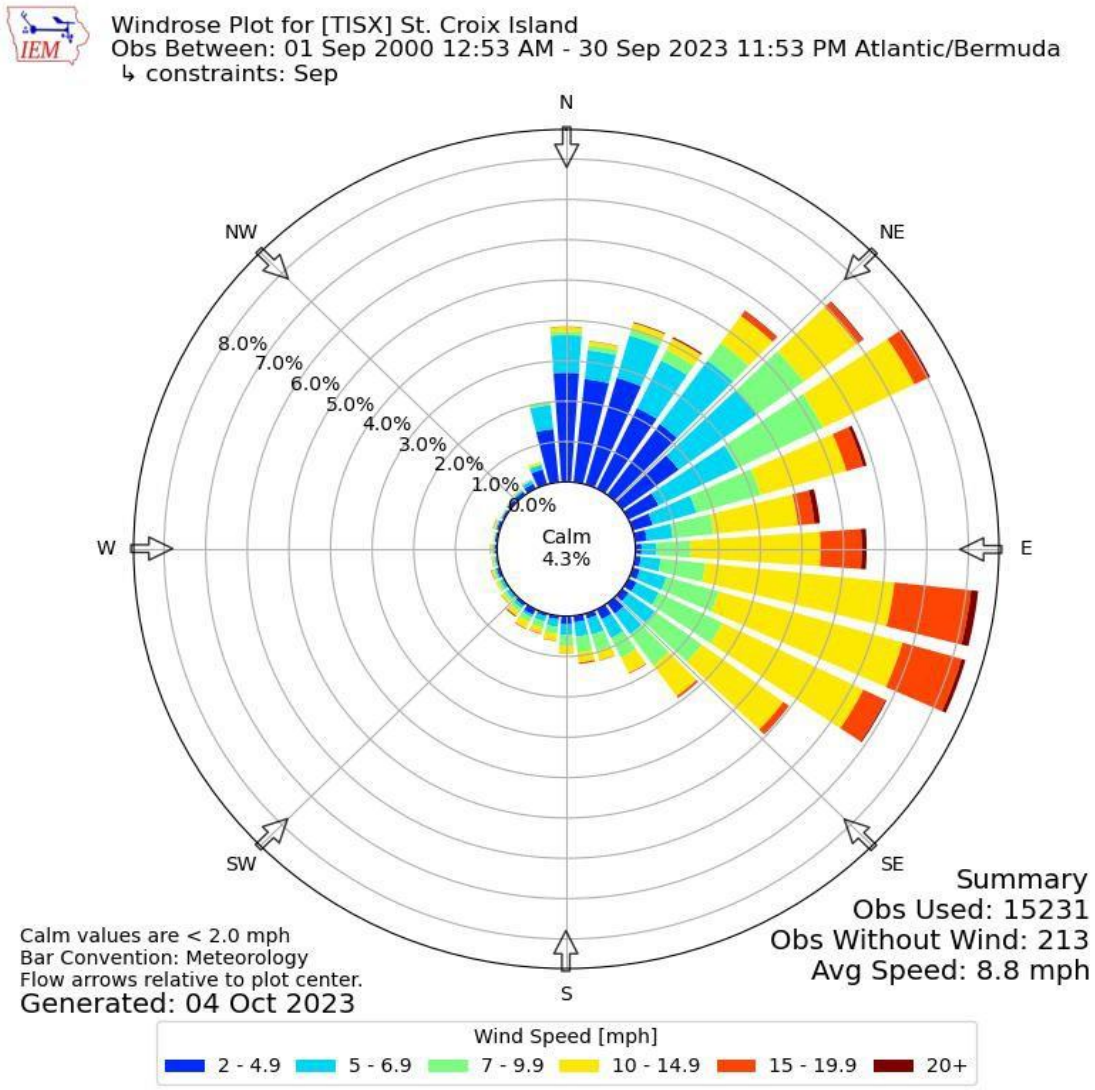


Figure 15 Sept 1, 2000 to Sept 30, 2023 Wind Rose

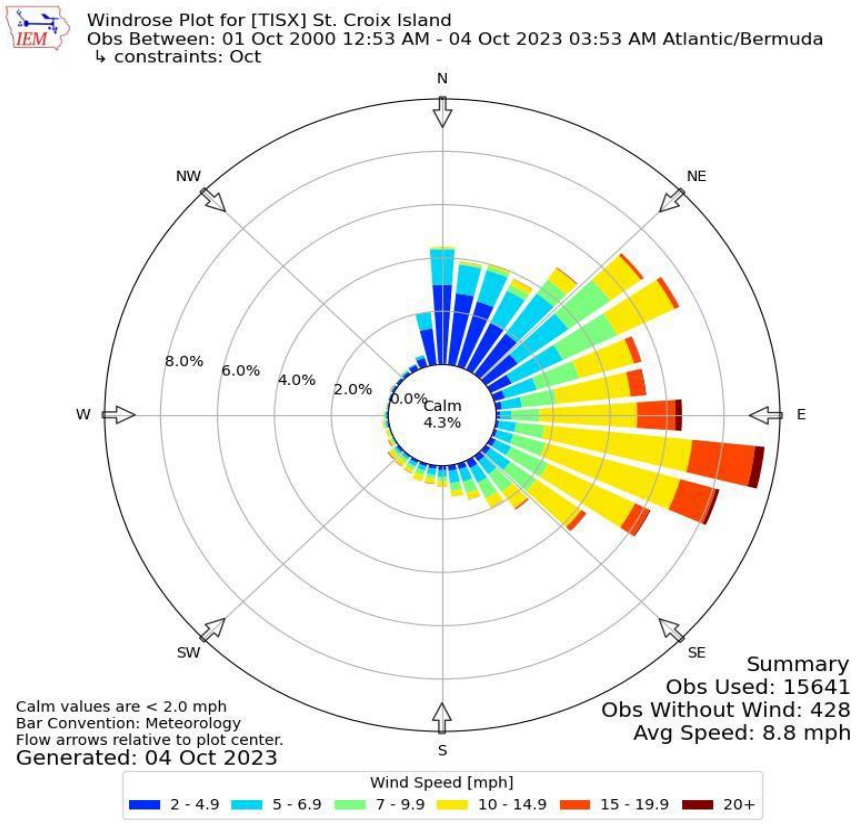


Figure 16 Oct 1, 2000 to Oct 4, 2023 Wind Rose

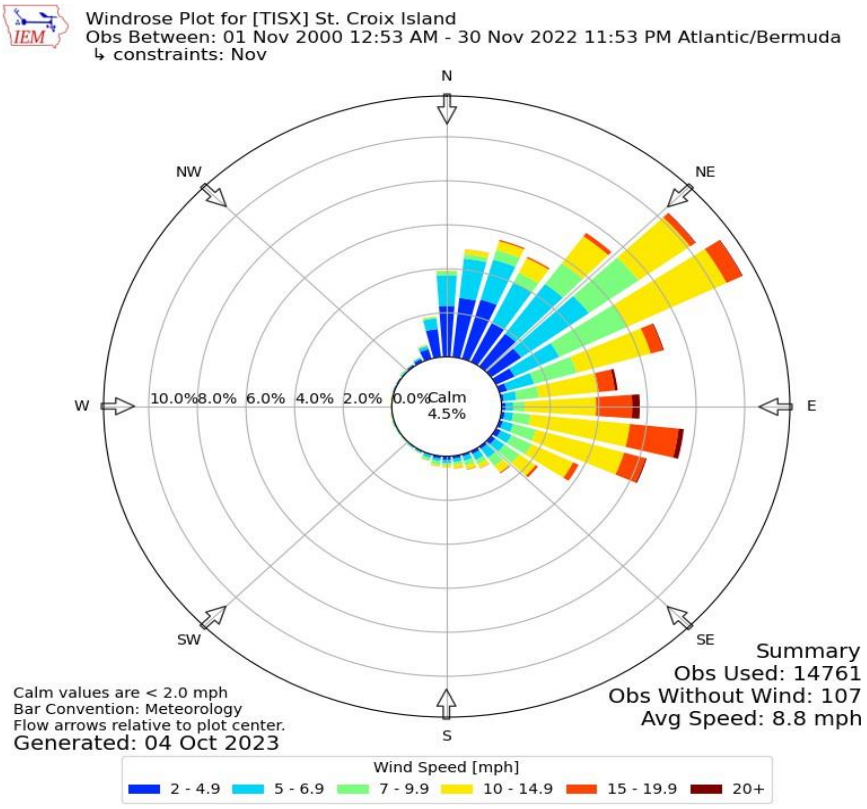
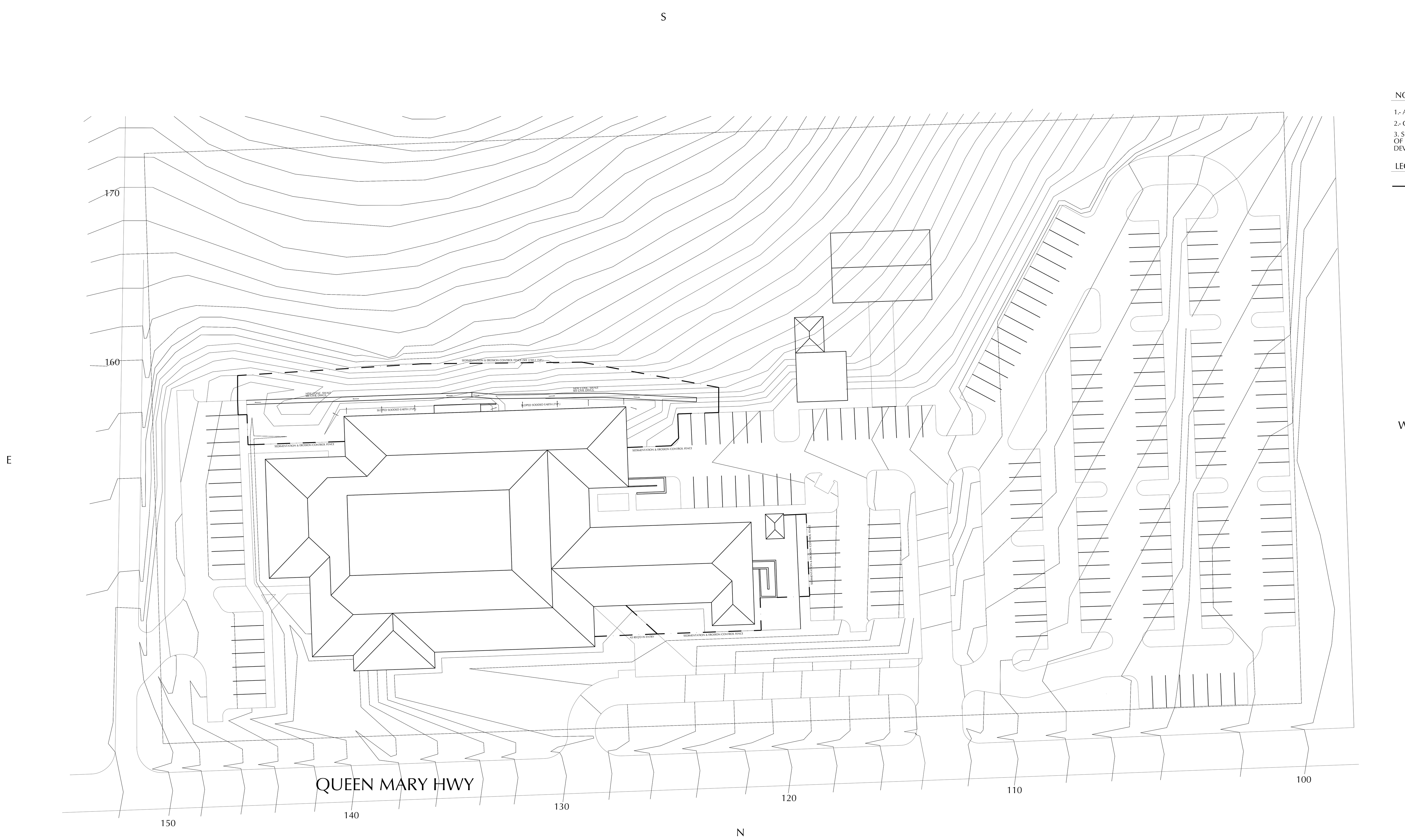


Figure 17 Nov 1, 2000 to Nov 30, 2022 Wind Rose

ATTACHMENT G



1 SITE PLAN
1/32" = 1' - 0"

NOTES:

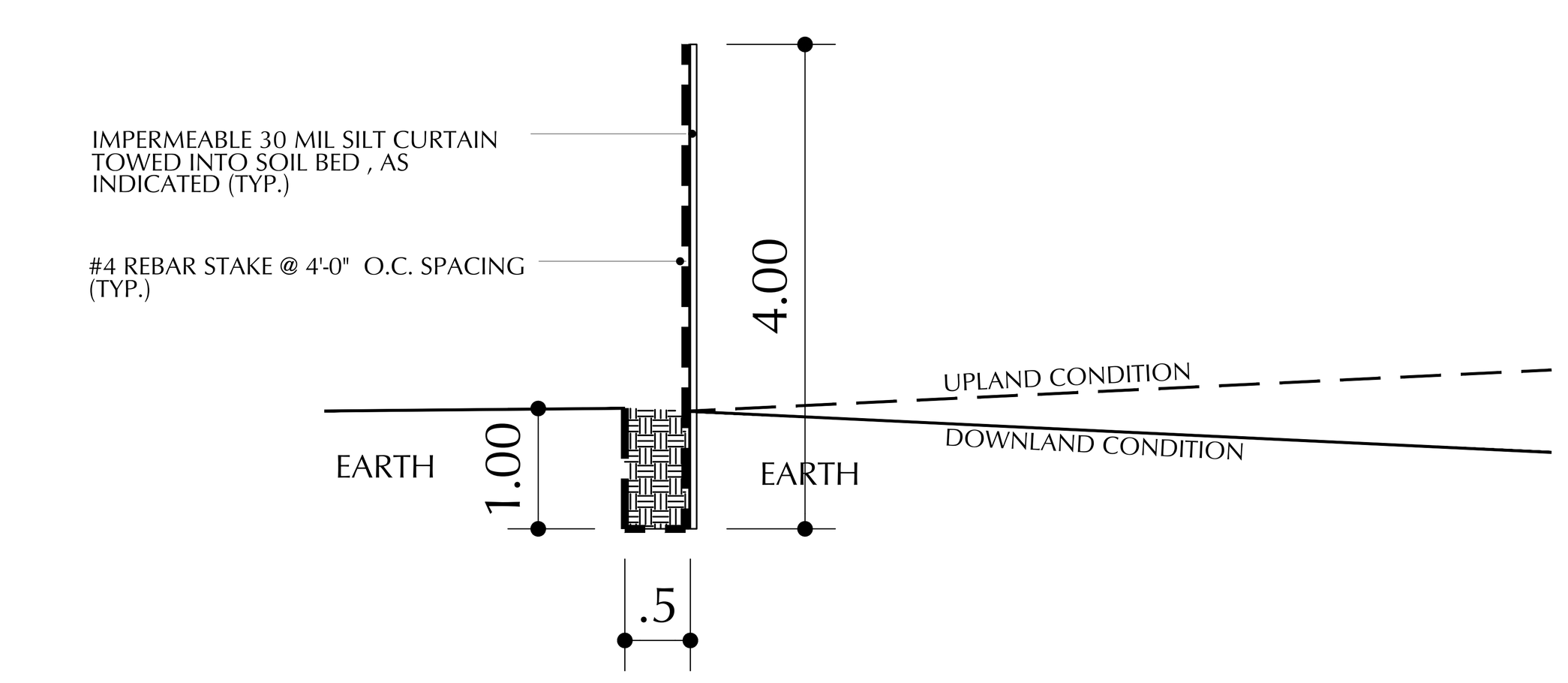
1.- ALL DIMENSIONS TO BE FIELD VERIFIED

2.- COORDINATE WORK WITH ALL TRADES.

3. SEE CIVIL DWGS NOTES. FOR INSTALLATION OF SEDIMENTATION & EROSION CONTROL DEVICES.

LEGEND:

SILT FENCE



2 SILT FENCE INSTALLATION IN EARTH
3/4" = 1' - 0"

PROJECT TITLE:
SUPERIOR COURT OF THE VIRGIN ISLANDS
R.H. AMPHLETT LEADER JUSTICE CENTER
RR1 9000 KINGSHILL, VIRGIN ISLANDS 00850

DESIGNER TITLE:
TALLER LARJAS, LLC
IN ASSOCIATION WITH
LANIO & ASSOCIATES ARCHITECTS, INC.
20A QUEEN STREET CHRISTIANSTED
ST. CROIX, U.S.V.I. 00820
340.779.3039, INFO@TALLERLARJAS.COM

DATE:

NOTES:

NO.	REVISIONS	DATE:
1	FCD EARTH CHANGE PACKAGE	6.4.2024

DRAWING TITLE:
PHASE 2 - SITE EROSION & SEDIMENTATION CONTROL MEASURES

SD-1

DWG NAME

SCALE: AS NOTED | DWN BY: G.L. | CHKD BY: G.L.

SEAL:

ATTACHMENT H

ATTACHMENT A-LIST OF PLANTS FOUND AT SITE

FAMILY	SPECIES	COMMON NAME	PLANT TYPE	NATIVE	HERITAGE
Amaranthaceae	Amaranthus viridis	Amaranth	Herb		
Annonaceae	Annona muricata	Sour Sop	Tree		
Annonaceae	Annona squamosa	Sugar Apple	Tree		
Annonaceae	Cananga odorata	Ylang Ylang	Tree		
Apocynaceae	Adenium obesum	Desert Rose	Shrub		
Apocynaceae	Nerium oleander	Oleander	Shrub		
Arecaceae	Adonidia merrillii	Christmas Palm	Tree		
Arecaceae	Cocos nucifera	Coconut	Tree		
Arecaceae	Roystonea borenquena	Royal Palm	Tree	x	
Asphodelaceae	Aloe vera	Sempervive	Herb		
Asteraceae	Luanaea intybacea	Wild Lettuce	Herb		
Asteraceae	Syndrella nodiflora	Node Weed	Herb	x	
Boraginaceae	Bourreria succulenta	Pigeon Berry	Tree	x	
Boraginaceae	Cordia collococca	Red Manjack	Tree	x	
Boraginaceae	Cordia dentata	White Manjack	Tree	x	
Boraginaceae	Heliotropium angiospermum	Eyebright	Herb	x	
Capparidaceae	Capparis flexousa	Flexible Caper	Shrub	x	
Capparidaceae	Capparis indica	Linguam	Tree	x	
Caricaceae	Carica papaya	Papaya	Tree		
Commelinaceae	Commelina erecta	Water Grass	Herb		
Convolvulaceae	Evolvulus nummularius		Vine		
Convolvulaceae	Ipomoea sp.	Sweet Potato	Vine		
Convolvulaceae	Merremia quinquefolia	Snake Vine	Vine	x	
Dracaenaceae	Sansevieria trifasciata	Snake Plant	Herb		
Euphorbiaceae	Dalechampia scandens		Vine	x	
Euphorbiaceae	Euphorbia lactea	Monkey Puzzle	Tree		
Fabaceae	Alysicarpus vaginalis		Herb		
Fabaceae	Delonix regia	Flamboyant	Tree		
Fabaceae	Leucaena leucocephala	Tan Tan	Tree		
Fabaceae	Indigofera spicata	Creeping Indigo	Herb		
Fabaceae	Pithecellobium unguis-cati	Bread and Cheese	Tree	x	
Fabaceae	Tamarindus indica	Tamarind	Tree		*
Lauraceae	Persea americana	Avocado	Tree		
Lythraceae	Lagerstroemia speciosa	Queen of Flowers	Tree		
Malvaceae	Malvastrum americanum		Herb	x	
Meliaceae	Azadirachta indica	Neem	Tree		
Meliaceae	Swietenia mahagoni	West Indian Mahogany	Tree		*
Meliaceae	Swietenia mahagoni x macrop	Hybrid Mahogany	Tree		
Musaceae	Musa spp.	Banana	Hreb		
Myrtaceae	Eugenia foetida	Boxleaf Stopper	Shrub	x	
Nyctaginaceae	Boerhavia diffusa	Batta Batta	Herb	x	
Nyctaginaceae	Bougainvilla glabra	Bougainvilla	Liana		
Nyctaginaceae	Bougainvilla spectabilis	Bougainvilla	Liana		
Nyctaginaceae	Guapira fragrans	Black Mampoo	Tree	x	
Oleaceae	Jasminum fluminense	Wild Jasmine	Liana		
Oxalidaceae	Oxalis corniculata		Herb		
Passifloraceae	Passiflora suberosa	Cork Stem Indigo Berry	Liana	x	

Phytolaccaceae	Rivina humilis	Jumbie Pepper	Herb	x	
Phytolaccaceae	Trichostigma octandrum	Hoop Vine	Liana	x	
Poaceae	Chloris barbata		Herb		
Poaceae	Urochloa maxima	Green Panic	Herb		
Poaceae	Urochloa maxima	Guinea Grass	Herb		
Polygonaceae	Antigonon leptopus	Coral Vine	Vine		
Polypodiaceae	Pteris vittata	Ruin Fern	Herb	x	
Rhamnaceae	Krugiodendron ferreum	Ironwood	Tree	x	
Rubiaceae	Chiococca alba		Liana	x	
Rubiaceae	Ixora coccinea x	Red Ixora	Shrub		
Sapindaceae	Melicoccus bijugatus	Kenip	Tree		*
Sapindaceae	Serjania polyphylla	White Root	Liana	x	
Sapotaceae	Sideroxylon foetidissimum	Mastic	Tree	x	
Sapotaceae	Sideroxylon salicifolium		Tree	x	
Turneraceae	Turnera ulmifolia		Herb	x	
Urticaceae	Pilea microphylla	Artillery plant	Herb		
Verbenaceae	Citharexylum fruticosum	Fiddlewood	Tree	x	
Verbenaceae	Vitex trifolia	White Pepper	Shrub		

LIST OF BIRDS

FAMILY	SCIENTIFIC NAME	COMMON NAME
Columbidae	Columba squamosa	Blue Pigeon
Mimidae	Margarops fuscatus	Thrush
Tyrannidae	Tyrannus dominicensts	Chinchery
Nymphalidae	Precis lavinia	Buck eye
		Red Dragonfly
Dactyloidae	Anolis acutus	St. Croix Anole

ATTACHMENT I

VIRGIN ISLANDS SUPERIOR COURT
UNIVERSAL WASTE LAMP MANAGEMENT
STANDARD OPERATING PROCEDURE

Introduction

This document provides Virgin Islands Superior Court standard operating procedures (SOP) for managing universal waste lamps under the federal universal waste rule (UWR). **UWR** requirements are a streamlined and less stringent set of standards for managing lamps, batteries, mercury-containing equipment and pesticides to encourage recycling and proper disposal. This SOP only addresses lamps. Although handlers of universal wastes can meet less stringent standards for storing, transporting and collecting these wastes, handlers must still comply with the full applicable hazardous waste requirements for recycling, treatment or disposal. This procedure pertains ONLY to Lamps as defined below.

A lamp is defined as the bulb or tube portion of an electric lighting device and is specifically designed to produce radiant energy, most often in the ultraviolet, visible, and infra-red regions of the electromagnetic spectrum. For example, they include, but is not limited to, fluorescent, metal halide, high pressure sodium, neon, high intensity discharge and mercury vapor.

In addition to regulatory standards for storing, transporting and collecting, universal wastes will be handled to prevent breakage and/or release of constituents that may exhibit hazardous characteristics to the environment from generation through recycling/disposal. A person, owner or operator of a facility that generates, receives or sends universal waste to another handler is legally referred to as a universal waste handler or handler. This SOP provides regulatory context and addresses these basic areas: accumulation/storage; labeling-marking; response to releases; disposal; record keeping; tracking; and training.

Regulatory Context

Title 19 Health, Chapter 56: Solid and Hazardous Waste Management § 1553(a) Administration declares the Virgin Islands Waste Management Authority (VIWMA) as the Solid Waste Management Agency with duties and responsibilities as authorized by Title 3, § 67 of the V. I. Code.

Title 19 Health, Chapter 56: Solid and Hazardous Waste Management § 1553(g) Administration authorizes the Department of Planning and Natural Resources (DPNR)[1] to enforce provisions of the above referenced chapter relating to environmental effects of hazardous wastes.

[1] The Virgin Islands "Territorial/State Environmental Protection Regulatory Agency"

Title 40 Protection of Environment, Code of Federal Regulations (CFR) Part 273 Standards For Universal Waste Management establishes requirements for managing universal wastes.

Federal regulations (i.e., 40 CFR § 261.2) define a solid waste as any material that is discarded by being either abandoned, inherently waste-like, certain military munitions, or recycled. Further, 40 CFR 261.2(b) indicates that materials are solid wastes if they are abandoned by being disposed of, burned or incinerated, accumulated, or stored. Consequently, spent hazardous universal waste lamds covered by the SOP that are being accumulated, stored and destined for recycling/disposal are solid wastes. Solid wastes are also defined in Title 19 VIC Chapter 56 "Solid and Hazardous Waste Management" rules and regulations.

In the Resource Conservation and Recovery Act (RCRA) §1004(5), Congress defined hazardous waste as a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

Hazardous wastes are also defined in Section 1560-1(r) of Title 19 VIC Chapter 56 "Solid and Hazardous Waste Management" of the local solid and hazardous management rules and regulations. Two other types of wastes (i.e., scrap tires and used oil) are identified as special wastes in Section 1560-1 under local/state requirements.

The section of the Virgin Islands Solid and Hazardous Waste Management Rules and Regulations (VISHWMRR) that addresses hazardous wastes is designated "Division 6. Hazardous Wastes in Accordance With 40 Code of Federal Regulations (CFR) Part 261". Title 40-Protection of the Environment, Part 261 of the CFR is titled Identification and Listing of Hazardous Waste and accordingly § 261.9 is titled "Requirements for Universal Waste".

40 CFR Part 261.9 is presented below and this section:

1. Lists the four federal items designated as universal wastes (UWs);
2. Indicates they are exempt from CFR parts 262 through 270; and
3. States they are not fully regulated as hazardous wastes and are regulated under 40 CFR 273.

40 CFR § 261.9 Requirements for Universal Waste

The wastes listed in this section are exempt from regulation under parts 262 through 270 of this chapter except as specified in part 273 of this chapter and, therefore are not fully regulated as hazardous waste. The wastes listed in this section are subject to regulation under 40 CFR part 273:

(a) Batteries as described in 40 CFR 273.2;

(b) Pesticides as described in § 273.3;

(c) Mercury-containing equipment as described in § 273.;
(d) Lamps as described in § 273.5; and
(e) Aerosols cans as described in § 273.6.

VIWMA has adopted universal waste guidelines consistent with the federal Universal Waste Rule [2] as part of their current hazardous waste management regulatory framework[3].

Scope

This universal waste management SOP applies to the VISC partial demolition and renovation/construction project located at No. 1 Kingshill Hall of Justice (Property ID 206400020600) on the island of St. Croix at 17° 43′ 30.42″ N and 64° 47′ 01.86″ W. Contractors must adhere to the procedures outlined herein, particularly those with specific responsibility for handling of universal waste lamps containing constituents that may exhibit hazardous characteristics.

Applicability

These procedures apply to lamps as described above.

1. Retain the original manufacturer's box/package/container that universal wastes arrived in and package universal wastes or procure safe and durable containers for storing, transporting and shipping universal wastes lamps.
2. Store universal wastes containing constituents that may exhibit hazardous characteristics in a controlled secure environment in safety packs or safety boxes to minimize breakage and prevent release of hazardous substances into the environment.

Accumulation/Storage-Labeling/Marking

Acquire and complete RCRA Subtitle C Site Identification Form [EPA Form 8700-12[4]] to make an initial notification to the EPA of your regulated hazardous waste activity since all persons, except small quantity handlers of universal wastes, who generate, transport, recycle, treat, store, or dispose of hazardous waste are required to inform EPA (or their State agency (i.e., DPNR) if the State is authorized to operate its own hazardous waste program) of their hazardous waste activities. Section 3010 of Subtitle C of RCRA requires any person who generates, transports, or recycles regulated wastes or who owns

[2] Universal wastes are a subset of the Resource Conservation and Recovery Act (RCRA) hazardous wastes whose generators have been given relief from the full RCRA regulations to encourage recycling and proper disposal. Common items classified as universal wastes include batteries, pesticides, mercury-containing equipment and universal wastes.

[3] Please find in Attachment B a general comparison of generator requirements to universal waste requirements and hazardous waste transporter requirements to universal waste transporter requirements.
[4] www.epa.gov/osw/inforesources/data/form8700/forms.htmf

or operates a facility for the treatment, storage, or disposal of regulated wastes to notify EPA of their activities.

Apply for permit to generate and store hazardous wastes from the Department of Planning and Natural Resources pursuant to19 V.I.C., Chapter 56 Solid and Hazardous Waste Management § 1560-501. If you are a large quantity handler of universal wastes or are a small quantity or large quantity generator of hazardous waste, acquire an EPA ID number. As a best management practice, it is recommended that VISC acquire an EPA ID number.

Determine the facility's waste generator category each month to understand which set of generator requirements apply by measuring the amount/weight of universal wastes lamps generated each month[5]. Federal requirements establish and regulate three generator and two universal waste handler categories differently: conditionally exempt small quantity generator (CESQG); small quantity generator (SQG); large quantity generator (LQG); small quantity handler and large quantity handler.

1. Identify a location where spent hazardous universal wastes lamps can be accumulated safely prior to transfer to another handler or destination facility for recycling/disposal. This area should be free from the type of activity, traffic or equipment (e., forklift) that could lead to breakage of spent universal wastes.
2. Place spent universal wastes lamps/bulbs safely into container in original manufacturer boxes, safety packages or fiber drums to avoid breakage.
3. Ensure that universal waste lamps do not protrude, fill lamp storage container to capacity and secure boxes with tape.
4. Conduct lamp inventories and tape lamp inventories to boxes.

Make sure accumulation date (i.e., earliest date when first universal waste is placed in storage) is placed on containers, on a prominent place in storage area or room where universal wastes are kept.

Label each container and accumulation area where spent universal wastes are stored as "Spent Universal wastes for Recycling" or "Universal Wastes", or "Waste (or Used) Universal wastes.

Label the accumulation area with the date the first universal waste was generated so that all future universal wastes placed in the accumulation area will be associated with Perform and document (e.g., weekly) inspections of accumulation/storage area to ensure accumulation area is labeled/marked, universal wastes are dated, not broken and containers are in good shape

[5] Universal wastes do not have to be counted toward determining your generator category, however if universal wastes are broken, the lamp and clean up materials must be managed as hazardous wastes and therefore included in determination of your hazardous waste generator category each month.

Send written notification to the EPA Administrator and acquire an EPA ID Number before exceeding the 5,000[6] kilogram storage limit, if applicable. Note that if you are a CESQG you are not required to obtain an EPA ID.

Accumulate universal waste for no longer than one year from the date the first universal waste is generated or received unless you can demonstrate/prove that storage for longer than a year is solely for the purpose of accumulation of such quantities to facilitate proper recovery, treatment or disposal.

Response to Releases

1. Contain all universal wastes and releases from universal waste universal wastes immediately;
2. Determine if any releases from universal wastes are a hazardous waste and, if so, manage the hazardous waste in compliance with hazardous waste generator requirements in 40 CFR parts 260 through 272.

Broken Lamp Response

If universal wastes lamps are accidentally broken, ventilate area where breakage occurred. Immediately contain the broken universal wastes, avoid generating dust and store them in a tightly sealed container. It is recommended that you mark the container as "Broken Spent Mercury-Containing Universal wastes For Recycling". Determine whether the released material is a hazardous waste and manage accordingly.

Before Clean-up: Air Out the Room

- Have people leave the room, and don't let anyone walk through the breakage area on their way out.
- Open a window, leave the room and ventilate for 15 minutes or more.
- Shut off the central forced-air or other air conditioning system, if you have one.

Clean-Up Steps for Hard Surfaces

- Carefully scoop up glass pieces and powder using stiff paper or cardboard and place them in a labeled glass jar with metal lid (such as a canning jar) or in a sealed plastic bag.
- Use sticky tape, such as duct tape, to pick up any remaining small glass fragments and powder.
- Wipe the area clean with damp paper towels or disposable wet wipes. Place towels in the glass jar or plastic bag.
- Do not use a vacuum or broom to clean up the broken bulb on hard surfaces.

[6] This 5,000 kilograms limit applies to all universal wastes collectively and not just universal wastes/bulbs.

Clean-up Steps for Carpeting or Rug

- Carefully pick up glass fragments and place them in a labeled glass jar with metal lid (such as a canning jar) or in a sealed plastic bag.
- Use sticky tape, such as duct tape, to pick up any remaining small glass fragments and powder.
- If vacuuming is needed after all visible materials are removed, vacuum the area where the bulb was broken.
- Remove the vacuum bag (or empty and wipe the canister), and put the bag or vacuum debris in a sealed plastic bag.

Clean-up Steps for Clothing and Other Soft Materials

- If clothing comes in direct contact with broken glass or mercury-containing powder from inside the bulb that may stick to the fabric, the clothing should be thrown away. Do not wash such clothing because mercury fragments in the clothing may contaminate the machine and/or pollute sewage.
- You can, however, wash clothing or other materials that have been exposed to the mercury vapor from a broken CFL, such as the clothing you are wearing when you cleaned up the broken CFL, as long as that clothing has not come into direct contact with the materials from the broken bulb.
- If shoes come into direct contact with broken glass or mercury-containing powder from the bulb, wipe them off with damp paper towels or disposable wet wipes. Place the towels or wipes in a labeled glass jar or plastic bag for disposal.

Disposal of Clean-up Materials

- Ensure that all glass jars, sealed plastic bags or other devices used to store clean-up residues or materials are properly labeled.
- Immediately place all clean-up materials in a labeled sealed container and protected area.
- Contact the local regulatory agency (DPNR) and arrange for safe disposal with an approved treatment, storage and disposal facility (TSDF), since broken universal wastes can no longer be managed as universal wastes.
- Wash your hands after disposing of the jars or plastic bags containing clean-up materials.

Future Cleaning of Carpeting or Rug: Air Out the Room During and After Vacuuming

- The next several times you vacuum, shut off the central forced-air or other air conditioning system and open a window before vacuuming.

- Keep the air conditioning system shut off and the window open for at least 15 minutes after vacuuming is completed.

Disposal

To prevent spent universal wastes from breaking, they must be packed properly for storage and transportation. When universal wastes are removed and replaced with new universal wastes (e.g., during group relamping), the used universal wastes should be packed in the cardboard boxes that contained the replacement universal wastes or in fiber drums. Boxes containing hazardous waste must be properly labeled. Pre-printed labels or rubber stamps that meet Department of Transportation regulations are recommended for high-volume disposal. Contact VIWMA to determine if technical assistance and support is available. If technical assistance is not available:

1. Contact licensed and permitted TSDF to find out their acceptance terms and conditions and arrange for delivery or pickup by a permitted transporter particularly if universal wastes are broken and are being managed as a hazardous waste[7].
2. Inquire from TSDF whether disposal mechanism involves recycling or treatment.
3. Acquire disposal invoice and await written record of final arrival to recycling/disposal location.
4. Retain copy of documentation of arrival of spent hazardous universal wastes to TSDF.

Record Keeping

1. Obtain and keep receipts of shipments of universal wastes off-site as evidence of proper hazardous lamp management. Receipts should have the following information:
   (a) Quantity of universal wastes shipped or received,
   (b) Date of shipment or receipt, and
   (c) Name and address of the handler or recycling facility receiving any shipped universal wastes.
2. Maintain records of receipts and shipments of universal wastes (for large quantity handler facilities) for 3 years from the date of shipment or receipt.

Tracking

Develop lamp spreadsheet database to track lamp shipments and more importantly track spent universal wastes destined for recycling/disposal. The database entries should include number of universal wastes, bulb type, model number, length etc., of each bulb and date when the lamp becomes a waste. Lamp

purchase invoices or receipts and MSDS sheets should be recorded in an electronic database. This information could be used to reconcile number of universal wastes disposed/recycled versus the number purchased. Personnel assigned to manage overall database will generate periodic summaries and updates.

Employee Training

Employees will be trained in proper lamp handling, packaging, emergency cleanup and containment procedures. Non-lamp residues containing mercury and that are generated as a result of a lamp cleanup must to be managed as hazardous waste.