AREA C - ADDENDUM #1

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Date:	12.23.2015	Addendum No:	Area "C" – Addm #1
Project:	York General Health Care Services Hospital Addition And Remodel	Project No:	24902
To:	Jake Kulhanek	Firm:	Sampson

NOTICE
THIS ADDENDUM IS ISSUED BY THE ARCHITECT TO ALL PARTIES WHO HAVE RECEIVED BIDDING DOCUMENTS FOR THE ABOVE LISTED PROJECT. THIS ADDENDUM SHALL BECOME PART OF THE CONTRACT DOCUMENTS AS A REVISION TO THE ORIGINAL DOCUMENTS.

CONSTRUCTION DOCUMENTS:

STRUCTURAL:

1. Sheet S1-0, STRUCTURAL NOTES / DETAILS. (Reissue in its entirety):
    a. Revised the jamb stud required for openings above 7'-0" in Detail 6.
2. Sheet S1-1, FOUNDATION & FLR FRAMING / DETAILS AREA A. (Reissue in its entirety):
    a. Added size and reinforcing for footing pad "F13" to the footing schedule. No new pads were added and no modifications to current footings were made. The pad in question already appears on the plans.
3. Sheet S1-6, LOW ROOF & FLR FRAMING / DETAILS AREA A. (Reissue in its entirety):
    a. Modified the tag for steel beam X21;XHH-XLL and X16;XHH-XKK to existing. The sizes shown on the plan are correct.
4. Sheet S5-3, STRUCTURAL DETAILS. (Reissue in its entirety):
    a. Added notes to Detail 20 & 21 for optional equivalent steel framing sections to the unistrut shown. Framing member's selection is contractor's option.
    b. Added detail 24, a loading diagram for the "14KSP1" joists called out on S1-7. No new joists were added and no modifications to current framing were made. The joist in question already appears on the plans.

ARCHITECTURAL:

5. Sheet A1-3, FLOOR PLAN – AREA C (Reissue in its entirety):
    a. Revised OR layouts

6. Sheet A6-3, REFLECTED CEILING PLAN – AREA C (Reissue in its entirety):
    a. Revised OR ceiling plans

MECHANICAL / ELECTRICAL: (See Attached)

M1-3 – Floor Plan – HVAC – Area C
Reissue in entirety

E1-3 – Floor Plan – Lighting – Area C
Reissue in entirety

E2-3 - Floor Plan – Power – Area C
Reissue in entirety

VENDOR DRAWINGS (for reference only)

Stryker Equipment Layout package
Plans and Boom elevations

Attachments: Drawings
S1-0, STRUCTURAL NOTES / DETAILS
S1-1, FOUNDATION & FLR FRAMING / DETAILS AREA A
S1-6, LOW ROOF & FLR FRAMING / DETAILS AREA A
S5-3, STRUCTURAL DETAILS
A1-3, FLOOR PLAN – AREA "C"
A6-3, REFLECTED CEILING PLAN – AREA C
M1-3 – Floor Plan – HVAC – Area C
E1-3 – Floor Plan – Lighting – Area C
E2-3 - Floor Plan – Power – Area C

Stryker Equipment Layout sheets

By: Scott Oglesby - Altus

STRUCTURAL NOTES, GENERAL

1. CODE: 2009 International Building Code w/ City of York, Nebraska Ammendments

2. STRUCTURAL DESIGN LOADS:

   SNOW:
   Ground Snow Load: 25 PSF I=1.2
   Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1608.1 of the 2009 International Building Code.

   FLOOR LIVE LOADS: 100 PSF

   WIND:
   Basic Wind Speed: 90 MPH (Exposure C) I=1.15
   Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1609.1.1 of the 2006 International Building Code.

   SEISMIC:
   Spectral Response Accelerations: S_S= 0.158 ; S_1= 0.043
   Site Class: D
   Occupancy Category: IV
   Seismic Design Category: C
   Note: Buildings have been designed in accordance with ASCE 7-05 as required by Section 1613.1 of the 2009 International Building Code.

   ROOF LIVE LOADS: 25 PSF

3. FOUNDATION DESIGN CRITERIA:

   Soils investigation report dated November 7, 2013 by Thompson, Dreesen, Dorner Inc.. (TD2 File No. 1272-257)

   Allowable Net Soil Bearing per Soil Report: 2000 PSF

4. EXCAVATION, FILL, AND BACKFILL:

   A. See specification 31 21 00 for requirements.

   B. All earthwork should be observed and tested by Geotechnical Engineer

5. GENERAL NOTES:

   A. All work shall comply with requirements of the 2009 International Building Code, with recommendations of manufacturers, and with recognized workmanship and material standards.

   B. Comply with all applicable codes, ordinances, and regulations including those promulgated and enforced by OSHA. The structural design represented by the drawings and specifications is based on interaction of the various components, materials, and systems shown or required by all of the drawings and specifications. The contractor shall determine the need for and provide all required bracing or other means to insure stability and safety until all work required by the contract documents is complete. When and where necessary to comply with these requirements, the contractor shall provide appropriate additional temporary or permanent connections and/or members or, in the alternative, shall make appropriate modifications of specified connections and/or members. Where additions to or modifications of specified requirements are proposed, they shall be submitted to the Architect for review and approval. Such review and approval will be only for compliance with the structural and architectural design intent for the work. The adequacy for construction phase stability and safety is the responsibility of the contractor.

   C. Adapt requirements of details, sections, plans, and notes at all locations of which conditions are similar.

   D. The structural drawings are to be read in view of all other drawings and all specifications. Coordinate all work shown with all other work.

   E. Shop drawings for any part of the work shall show the interface with and provisions for related other work including such adaptations of requirements given as may be necessary.

   F. Contractor shall cross check dimensions and elevations between architectural, mechanical, and structural plans and notify Architect of any variance before contractor begins work.

6. SPECIAL INSPECTION:

   Special Inspection in accordance with Section 1704 of the 2009 International Building Code will be performed for the following types of work:

   A. Soils: Special Inspection in accordance with Section 1704.7 of the IBC is required for site preparation, fill placement, evaluation of in-place density of fill material, and footings.

   B. Concrete & Reinforcing Steel : Special Inspection in accordance with Table 1704.4 of the IBC is required for all reinforced concrete, excluding slabs-on-grade that do not have reinforcing bars and site work concrete fully supported on earth. Cast-In anchor bolts shall be inspected.

   C. Structural Steel : Special Inspection in accordance with Section 1704 and Table 1704.3 of the IBC is required for all structural steel.

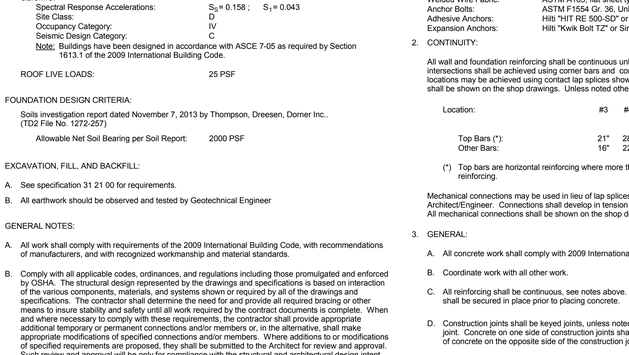
   D. Masonry: Level 1 Special Inspection in accordance with Table 1704.5.1 of the IBC is required for all masonry. Prism tests are not required.

   E. Post-Installed Anchors: Provide special inspection in accordance with the product's ICC/ES Report. All stress increases have been utilized.

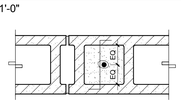
   The Contractor shall provide the Special Inspector sufficient notification to allow the required inspections to be made without delaying the construction schedule. The Contractor shall confirm that ALL inspections have been completed and approved by the Special Inspector prior to proceeding with Work.

7. ABBREVIATIONS

ARCH.	Architect	HORIZ.	Horizontal
B.O.	Bottom Of	H.S.	Headed Stud
B.O.L.	Bottom Of Lintel	HSS.	Hollow Structural Section
B.O.S.	Bottom Of Steel	JST. BRG.	Joist Bearing
BOTT.	Bottom	MIR.	Mirror
BRG.	Bearing	o.c.	On Center
BTWN.	Between	PL.	Plate
CLR.	Clear	REINF.	Reinforcing
COL.	Column	REQ'D.	Required
CONC.	Concrete	SIM.	Similar
CONT.	Continuous	STD.	Standard
COORD.	Coordinate	STL.	Steel
d.b.a.	Deformed Bar Anchor	THK.	Thick
DBL.	Double	T.O.	Top Of
DET.	Detail	T.O.F.	Top Of Footing
EA.	Each	T.O.S.	Top Of Steel
EXIST.	Existing	T.O.W.	Top Of Wall
EXP.	Expansion	TYP.	Typical
FND.	Foundation	U.N.O.	Unless Noted Otherwise
FTG.	Footing	VERT.	Vertical
F.V.	Field Verify	w/	With



1 CMU WALL REINFORCING
3/8" = 1'-0"



NOTES:
1. SEE PLANS FOR BAR SIZES.
2. LOCATE REINFORCING AT ALL CORNERS, EACH SIDE OF OPENINGS AND CONTROL JOINTS, AND AT SPACING SHOWN ON PLANS.
3. PROVIDE WIRE REBAR POSITIONERS TO HOLD BARS IN PLACE.

2 CMU REINFORCING DETAIL
1 1/2" = 1'-0"

CAST-IN-PLACE CONCRETE WORK

1. MATERIALS:

Concrete:

Class	Locations	28-Day Strength	Max. Slump	Max. Aggregate	Air Entrainment
TYPE I	Interior slab-on-grade	3000 PSI	5"	3/4"	N.A.
TYPE II	Exterior slabs	4000 PSI	5"	1"	5%-7%
TYPE III	Footings and Walls.	3000 PSI	5"	3/4"	5%-7%
TYPE IV	Interior flat slab & slab-on-deck	4000 PSI	5"	3/4"	N.A.

Other Materials:

Reinforcing Bars: ASTM A615 Grade 60, deformed.
Deformed Bar Anchors: ASTM A496, with a minimum tensile strength of 80 ksi.
Welded Wire Fabric: ASTM A185, flat sheet type.
Anchor Bolts: ASTM F1554 Gr. 36, Unless Noted Otherwise.
Adhesive Anchors: Hilti "HIT RE 500-SD" or Simpson "SET-XP", when anchoring to concrete.
Expansion Anchors: Hilti "Kwik Bolt TZ" or Simpson "Strong-Bolt"

2. CONTINUITY:

All wall and foundation reinforcing shall be continuous unless noted otherwise. Continuity at corners and intersections shall be achieved using corner bars and contact lap splices, see detail 2/SS.1 Continuity at other locations may be achieved using contact lap splices shown on approved shop drawings. Location of lap splices shall be shown on the shop drawings. Unless noted otherwise, the following lap splices shall be used:

Location:	#3	#4	#5	#6	#7	#8	#9	#10	#11
Top Bars (*):	21"	28"	35"	46"	63"	82"	104"	132"	162"
Other Bars:	16"	22"	27"	35"	48"	63"	80"	102"	125"

(*) Top bars are horizontal reinforcing where more than 12" of concrete is cast in the member below the reinforcing.

Mechanical connections may be used in lieu of lap splices provided approval is obtained from the Architect/Engineer. Connections shall develop in tension 125 percent of the specified yield strength of the bar. All mechanical connections shall be shown on the shop drawings.

3. GENERAL:

   A. All concrete work shall comply with 2009 International Building Code and ACI 301.

   B. Coordinate work with all other work.

   C. All reinforcing shall be continuous, see notes above. All reinforcing, anchor bolts, and embedded items shall be secured in place prior to placing concrete.

   D. Construction joints shall be keyed joints, unless noted otherwise, with reinforcing continuous through the joint. Concrete on one side of construction joints shall not be placed less than 48 hours after placement of concrete on the opposite side of the construction joint.

   E. Clear cover from reinforcing to surfaces of concrete shall be as shown. Clear distance between parallel bars in a layer shall be as shown on the plans with minimum of 1" or the diameter of the reinforcing, whichever is greater. Clear distance between parallel bars in two or more layers shall be as shown on the plans with a minimum of 1" or the diameter of the reinforcing bar, which ever is greater.

4. FOOTING WORK:

   A. See plans for Footing Schedule. Coordinate footing work with all other work.

   B. Pipes and other work which require trenching adjacent to pad footings and parallel to continuous footings shall not be located below lines extending downward from the bottom edges of the footing at a 45-degree angle from the horizontal. Pipes and other work perpendicular to continuous footings may be located beneath the footing. Footing elevations may be lowered if approved on the footing shop drawings.

   C. All openings in concrete work shall be formed or sleeved, see 11/SS-1. Drilled openings are not permitted.

5. INTERIOR SLAB-ON-GRADE WORK:

   A. Coordinate slab-on-grade work with all other work. Provide slopes, thickened slabs, depressed slabs, equipment pads, blockouts, etc. as needed.

   B. Sawcut control joints in slab to a depth equal to 1/3 the slab thickness.

   C. Slab-on-grade Requirements:

      (1). Thickness: 4" minimum.
      (2). Reinforcing: 6x6 - W1.4xW1.4 welded wire fabric (w.w.f.)
      (3). Control Joints: Sawcut at 10'-0"o.c. maximum each way along column lines and at equal spaces between column lines. Coordinate with Architect.

   D. All slabs-on-grade shall have a minimum STEGO 15 mil. vapor barrier beneath the slab. .

   E. Provide 4" of free draining, well graded, and compacted material over 12" of low plasticity "structural fill" beneath the vapor barrier.

   F. Separate slab-on-grade from all columns, walls, or other vertical surfaces w/ 3/8" expansion joint material.

6. STRUCTURAL STOOPS:

   A. Slabs at structural stoops shall be 4" minimum / 8" maximum concrete slab on 4" biodegradable void forms. See 1/SS-1 for typical stoop construction and reinforcing.

   B. Stoop slabs shall bear on and/or be supported on all sides by concrete walls or footings as shown on the drawings. Coordinate stoop size with Architectural Drawings.

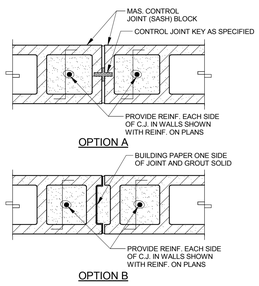
7. CONCRETE WALLS:

   A. Designations for walls, reinforcing, and other notes are noted on the plans and detailed in the sections. All walls shall be reinforced.

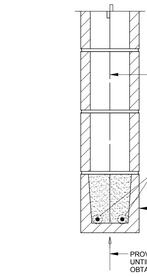
   B. All walls shall have dowels with a 90° ACI standard hook, unless noted otherwise, embedded in the footing. The dowels shall be the same size and spacing, and lap spliced with the vertical wall reinforcing in the wall. The dowel shall extend to within 3" of the bottom of the footing.

   C. Walls may have openings at various locations. Coordinate all openings with other requirements. Openings not shown shall be brought to the attention of the Architect/Engineer for determination of reinforcing requirements. Wall reinforcing shop drawings shall show all openings and reinforcing provisions for each opening.

   D. All reinforcing shall be continuous through construction joints. All construction joints shall be shown on the shop drawings and approval obtained.



3 CMU CONTROL JOINT DETAIL
1 1/2" = 1'-0"



4 LINTEL 'L-' SECTION
1 1/2" = 1'-0"

STRUCTURAL STEEL WORK

1. MATERIALS:

Structural Members (W shapes): ASTM A992, Grade 50, U.N.O.
Angles, Channels, Plates, and Bars: ASTM A36, U.N.O.
Hollow Structural Section: ASTM A500 Grade B
Steel Pipe: ASTM A53, Type E or S, Grade B
Headed Studs: ASTM A108, Grade 1015
Anchor Bolts: ASTM F1554, Gr. 36, headed type; U.N.O.
Non-High Strength Bolts: ASTM A307
High Strength Bolts: ASTM A325 bolts, U.N.O.
Adhesive Anchors: Hilti "HIT-RE 500-SD", Simpson "SET-XP", when anchoring to concrete. Hilti "HY150 MAX", Simpson "Acrylic-Tie", when anchoring to solid masonry.
Welding Electrodes: E70
Deformed Bar Anchors: ASTM A496, with a minimum tensile strength of 80 ksi.

2. STRUCTURAL STEEL:

   A. Provide structural steel work as shown on the drawings and described in the specifications and submit shop drawings for the same. Where the design of members or connections are not specifically noted, provide such in accordance with the latest AISC specifications and submit the design with the shop drawings for approval.

   B. Steel shall be fabricated to achieve the elevations, slopes, and geometry shown on the Architectural and Structural Drawings. Structural steel shall provide a uniform surface for the attachment of metal deck.

   C. Comply with all applicable codes, ordinances, and regulations including those promulgated and enforced by OSHA. See STRUCTURAL GENERAL NOTE 5.B.

   D. All structural steel shapes, plates, bolts, ect. exposed to weather or in contact with treated lumber shall be either hot dip galvanized, painted with Tnemec 90-97 zinc rich primer.

3. METAL DECK:

   A. METAL ROOF DECK:

      (1) Vulcraft 1.5B, 3N, 3NIA or Approved Equal with the following minimum section properties:

      Depth: See Plans
      Thickness: See Plans
      Finish: See Plans
      Yield Stress: 33 ksi

      (2) Metal roof deck shown on the drawings shall be used in 3 or more span condition U.N.O.

      (3) Metal roof deck shall be attached as follows, unless noted otherwise on the drawings:

      a. Where deck is perpendicular to steel supports fasten deck to supports with 5/8" diameter puddle welds at 36/4 pattern [1.5" deck] and 24/4 pattern [3" deck] .

      b. Where deck is parallel to steel supports fasten deck with 5/8" diameter puddle welds @ 12".

      c. Fasten side laps of individual sheets together with (4) #10 TEK screws/span, minimum 12"o.c.

      (4) All edges and openings in deck shall be supported. Unless noted or approved otherwise, provide support in accordance with the following:

      a. Openings less than 8":
      Add a 2'-0" (min.) wide x 3'-0" long piece of deck nested on top of deck. Screw flutes together with #10 screws @ 6" centers. Opening may be cut through the center of the deck.

      b. Openings greater than 8" in either direction:
      Support edges of opening with steel framing supported by the steel joists or beams as shown on 3/SS-2. The steel deck shall be welded to the framing with welds at 12" centers.

      (5) Up to 50 pounds may be supported from metal deck provided the individual attachments are located not less than 4'-0" o.c. and the attachment to the deck distributes the load to at least 3 deck flutes.

   B. METAL FLOOR DECK:

      (1) Vulcraft 1.5C, 0.6C or Approved Equal with the following minimum section properties:

      Depth: See Plans
      Thickness: See Plans
      Finish: See Plans
      Yield Stress: 33 ksi

      (2) Metal floor deck shown on the drawings shall be used in 3 or more span condition U.N.O.

      (3) Metal floor deck shall be attached as follows, unless noted otherwise on the drawings:

      a. Where deck is perpendicular to steel supports fasten deck to supports with 5/8" diameter puddle welds at 36/6 pattern [1.5" deck], and #12 TEK screws at 30/4 pattern [0.6" deck]..

      b. Where deck is parallel to steel supports fasten deck with 5/8" diameter puddle welds @ 12" [1.5" deck], and #12 TEK screws at 12" o.c. [0.6" deck].

      c. Fasten side laps of individual sheets together with (2) #10 TEK screws/span [1.5" deck], and (1) #10 TEK screw/span [0.6" deck].

4. STEEL JOISTS:

   A. Steel Joists are designated on the drawings using Steel Joist Institute designations. Provide special joist designs as noted on the drawings.

   B. Design all joists for a net uplift of 10 pounds per square foot. Provide bridging as required for uplift.

   C. Steel joists shall be designed for the following Deflection limitations:

Location	Total Load	Live Load
Roof	L/240	L/360

   D. All bridging shall be continuous. Bridging may be terminated where necessary (e.g. for mechanical work) provided diagonal cross bridging is provided at each adjacent joist space. Bridging shall not be interrupted at two adjacent joist spaces.

   E. Where diagonal cross bridging is used, provide horizontal bridging at first joist space adjacent to walls.

   F. Do not place concentrated loads in excess of 50 lbs. between panel points of steel joists unless web members are installed in accordance with 4/SS-2.

   G. Joist locations shall be shown on the shop drawings. Any deviations in locations for those shown on the drawings shall be highlighted.

   H. K series joists shall have a 2 1/2" bearing unless noted otherwise.

   J. Add steel joists to the existing roofs where shown on plans. Joists shall be two piece with a bolted splice connection. ASTM F1852 or ASTM F2280 bolts shall be used at slip-critical joints. New steel joist seats to match existing adjacent joists, contractor verify. Reconnect all bridging to the joists. Top chord bracing requirements by joist manufacturer. 5

5. MECHANICAL, ELECTRICAL, AND PIPING SYSTEMS WORK:

   A. Do not support concentrated loads from steel roof deck except as allowed per note 3.A.(5) above.

   B. Secondary framing, bridging, or other means shall be provided to distribute loads to structural members. Such framing, bridging, or other means shall be shown on the shop drawings for the work of the mechanical, electrical and piping systems.

6. VENEER:

   A. All veneer shall be supported at the head of openings.

   B. All openings in brick veneer shall have a lintel at the head of the opening. Unless noted otherwise, use a galvanized steel angle as follows:

   - Openings up to 4'-0": L4"x4"x5/16" angle..... Ref.: 7A/S1-0
   - Openings wider than 4'-0 and up to 7'-0": L6"x4"x3/8" angle [L.L.V.]..... Ref.: 7B/S1-0
   - Openings wider than 7'-0" and up to 10'-0": Ref.: 7C/S1-0

   Any opening that can not be made in accordance with the requirements above and are not detailed on the Structural Drawings, shall be brought to the attention of the Architect/Engineer for determination of lintel size.

STRUCTURAL COLD-FORMED METAL FRAMING WORK

1. GENERAL:

   A. All cold-formed metal framing work shall comply with the 2009 International Building Code and AISI - American Iron and Steel Institute - "Cold-Formed Steel Design Manual".

   B. Structural cold-formed metal framing is all exterior walls, canopies, and soffits. See Specifications Section 05 40 00 for the balance of information.

   C. Structural cold formed metal framing shall be constructed to achieve the geometry shown on the Architectural or Structural drawings.

   D. All structural lightgage framing members shall be 18 gage and spaced at 16"o.c. maximum, unless noted or detailed otherwise. Stud and Track properties are as follows:

   E. Connection material noted on the plans shall be by 'The Steel Network, Inc.' of Raleigh, North Carolina [www.steelnetwork.com / 1-888-474-4876] or Approved equal.

2. INSTALLATION:

   A. Metal stud walls may be prefabricated. Prefabricated frames shall be square, with components attached in a manner to prevent racking during fabrication, transportation, and lifting. Provisions to lift the panel shall be included in the frame's design and construction.

   B. Field cutting of steel framing members shall be by saw or shear. Torch cutting will not be permitted.

   C. At any locations where OSB or Gypsum sheathing is not attached to both sides of wall, provide lateral bracing per 5/S1-1-0.

   D. At track butt joints, abutting pieces of track shall be securely anchored to a common stud. Where splicing of wall track is necessary between stud spacings, a piece of stud shall be placed in the adjoining track sections and fastened to the track flanges at both sides of the wall with (3)-#12-14 TEK screws on each side of the joint.

   E. Studs shall be installed seated squarely (within 1/16") against the web of the top and bottom track. Studs shall be plumbed, aligned and secured to the continuous runner tracks with (2)-#12-14 TEK screws (Both sides).

   F. Openings:
   (1) Unless detailed otherwise, construct openings 4'-0" and less as follows:
   - Provide (2)-studs at jambs. Use a 16ga. track at head and sill attached to jamb studs at each end w/ 2"x2"x5 3/4"-14ga .clip angle. Attach clip angle to both track and jamb stud w/ (3)-#12-14 TEK screws each.

   (2) Openings greater than 4'-0" but less than of equal to 10'-0" shall be constructed with a lightgage beam at the head and sill of the opening per 6/S1-0. (U.N.O.) 1

   G. Connect multiple studs and track together with #12-14 TEK screws @ 12" unless noted otherwise on the drawings.

   H. Attach track to concrete/grouted CMU w/ (1)-Hilti 0.157 X-U Universal kurnled shank fasteners at 8"o.c. [1" embedment], unless noted or detailed otherwise.

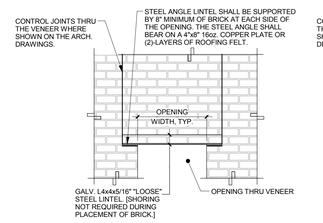
   I. Attach track to steel framing w/ #12 TEK screws at 8"o.c., unless noted or detailed otherwise.

EXISTING WORK

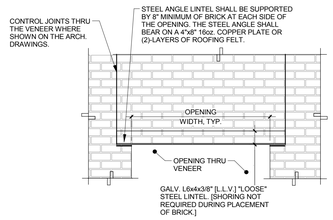
1. Existing conditions shown or noted on the drawings were obtained from existing plans or or were assumed. If conditions other than those shown exist, immediately notify Architect before proceeding with the work at that location. If conditions other than those shown exist, alternate methods of construction may need to be used.

2. Use appropriate construction methods and equipment as necessary to support existing structures and to avoid overstressing the existing structures.

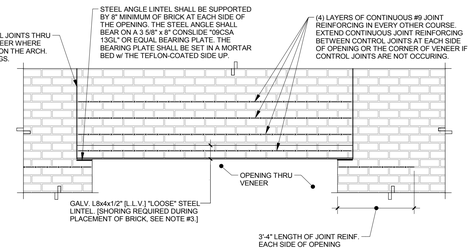
3. All openings in existing construction shall have a lintel at the head. Notify engineer of any openings in existing walls which are not shown on plans.



A OPENING WIDTH LESS THAN OR EQUAL TO 4'-0"



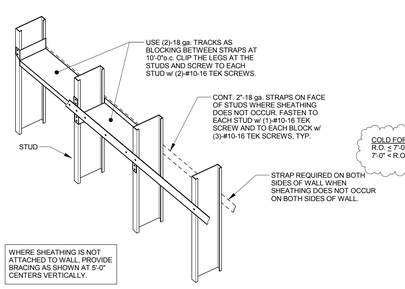
B OPENING WIDTH GREATER THAN 4'-0" AND LESS THAN OR EQUAL TO 7'-0"



NOTES FOR OPENING WIDTH GREATER THAN 7'-0" & LESS THAN OR EQUAL TO 10'-0":
1. JOINT REINFORCING SHALL BE HOT-DIP GALV. TRUSS-TYPE OR LADDER-TYPE FABRICATED FOR 4" NOMINAL VENEER.
2. IF MORE THAN (1) SECTION OF JOINT REINFORCING IS REQUIRED IN A ROW, OVERLAP 1'-6" MINIMUM.
3. SHORE THE STEEL ANGLE DURING PALCEMENT OF THE BRICK VENEER UNTIL THE FULL HEIGHT OF VENEER OVER THE OPENING HAS OBTAINED DESIGN STRENGTH. SHORING SHALL BE AT 5'-0" MAXIMUM AND BE DESIGNED TO SUPPORT THE FULL WEIGHT OF THE VENEER ABOVE THE OPENING.
4. NOTIFY ENGINEER OF ANY OPENINGS GREATER THAN 10'-0" WIDE WHERE LINTEL IS NOT SHOWN ON THE DRAWINGS.

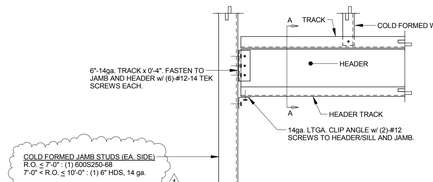
C OPENING WIDTH GREATHER THAN 7'-0" & LESS THAN OR EQUAL TO 10'-0"

7 MASONRY VENEER OPENING DETAILS
3/8" = 1'-0"

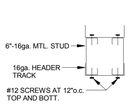


WHERE SHEATHING IS NOT ATTACHED TO WALL, PROVIDE BRACING AS SHOWN AT 5'-0" CENTERS VERTICALLY.

5 LIGHTGAGE STUDWALL BRACING
3/4" = 1'-0"



6 STRUCT. LTGA. WALL AT OPENINGS
1 1/2" = 1'-0"



SECTION A-A

MASONRY WORK

1. MATERIALS:

Reinforcing Bars: ASTM A615 Grade 60, deformed.
Weldable Reinforcing Bars: ASTM A706 Grade 60, deformed.
Concrete Masonry Units: Grade N, F'm = 1500 psi (Type S mortar)
Grout Strength: 2000 psi @ 28 days
Adhesive Anchors: Hilti "HY70" adhesive, when anchoring into brick or hollow CMU material. Hilti "HY150" or Simpson "SET" adhesive, when anchoring into grouted solid CMU.
Expansion Anchors: Hilti "Kwik Bolt 3" anchors U.N.O.

2. CONTINUITY:

All wall and foundation reinforcing shall be continuous unless noted otherwise. Continuity at corners and intersections shall be achieved using corner bars and contact lap splices, see detail 2/SS-1 . Continuity at other locations may be achieved using contact lap splices shown on approved shop drawings. Location of lap splices shall be shown on the shop drawings. Unless noted otherwise, the following lap splices shall be used:

Location:	#3	#4	#5	#6	#7
Masonry	20"	24"	30"	36"	48"

3. All masonry work shall comply w/ the 2009 International Building Code and ACI 530-05 and ACI 530.1-05

4. Requirements for masonry wall construction are given on the drawings and Wall Construction. All reinforcing shown shall be continuous in grout-filled cells. See note above for continuity requirements.

5. Provide dowels in footings and in concrete walls at each vertical rebar. For footings less than 2'-0" deep, dowels shall have a 90° ACI standard hook. The dowels shall be the same size and spacing, and lap spliced with the vertical reinforcing in the wall.

6. Locate vertical reinforcing at corners, jambs, intersections, and at spacings noted on the drawings.

7. Unless noted otherwise on the plans, all openings shall have a lintel at the head. For any openings not shown on plan and less than 4'-0" thru CMU, the lintel shall be an 8" deep minimum bond beam bearing 8" on each jamb, see 4/S1-0. A 1"□ hole shall be cut in the bottom of the lintel unit at each jamb to place the vertical jamb reinforcing. The bond beam shall be reinforced with (2)-#4's horiz. bottom. Where a lintel is not shown on the drawings and cannot be made in accordance with these requirements, submit the opening size and location to the Architect/Engineer for determination of the lintel to be used.

8. Submit reinforcing shop drawings for all work. Provide wall elevations showing the location of openings in masonry and the location of reinforcing including lap splices. Vertical reinforcing lengths shall be coordinated with heights of CMU to be placed.

9. Complete work in accordance with ACI 530-05 and ACI 530.1-05 . Use "fine" grout having a slump of 8 to 11 inches. The minimum dimension of any grouted space measured perpendicular to reinforcing is 3"x3". Place grout in lifts not exceeding 8'-0".

10. CONTROL JOINTS: Construct in plan as shown on the architectural drawings, but not to exceed 24'-0" spacing. All horizontal joint reinforcing shall be terminated at the control joint as detailed in 3/S1-0.

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Client:
YORK GENERAL HEALTH CARE SERVICES

Project Title:
HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
1	02/25/14	Addendum 1
5	12/23/15	AREA C - ADDM #1

Stamp:
KARL P. SQUIRE III E-5522 REGISTERED PROFESSIONAL ENGINEER STATE OF NEBRASKA
01/28/2014

Drawn By:	Project Manager:
DJS	QGP

Project Number: 24902
Date: 01/28/2014
Sheet Title: STRUCTURAL NOTES / DETAILS
Sheet Number: S1-0

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10836 Old Mill Rd Omaha, NE 68154
402.330.8860 www.td2co.com
TD2 PROJECT # 1272-253

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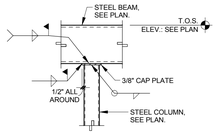
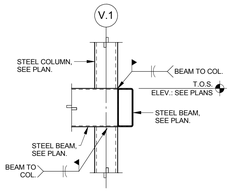
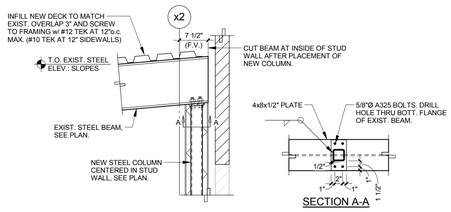


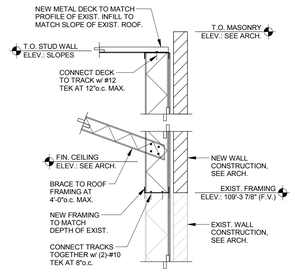
1 COL. TO BEAM MOMENT CONN.
3/4" = 1'-0"



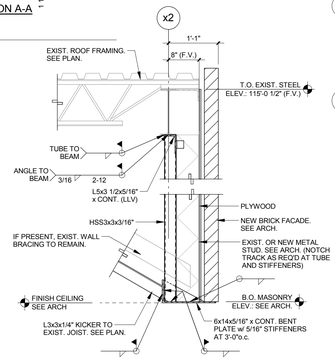
2 BEAM TO COL. CONN.
3/4" = 1'-0"



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



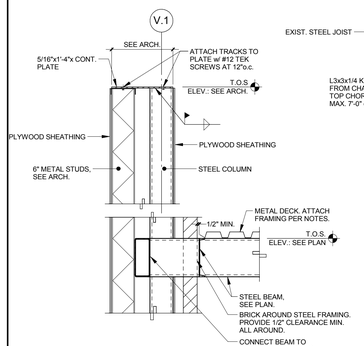
4 SECTION
3/4" = 1'-0"



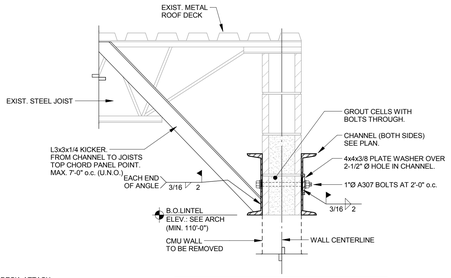
5 SECTION
3/4" = 1'-0"

NOT USED

6 FRAMING DETAIL
3/4" = 1'-0"

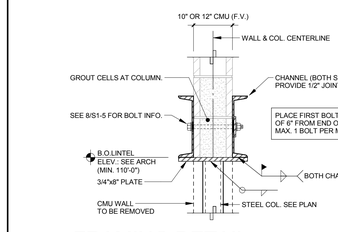


7 FRAMING DETAIL
3/4" = 1'-0"

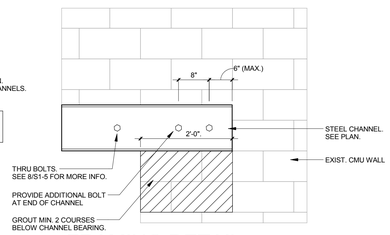


PROCEDURE:
1. CONTRACTOR VERIFY CONDITIONS ARE AS ASSUMED.
2. BOLT CHANNELS TO WALL.
3. GROUT CELLS WITH THRU BOLTS.
4. INSTALL BRACE ANGLES.
5. REMOVE WALL AFTER GROUT HAS OBTAINED STRENGTH.

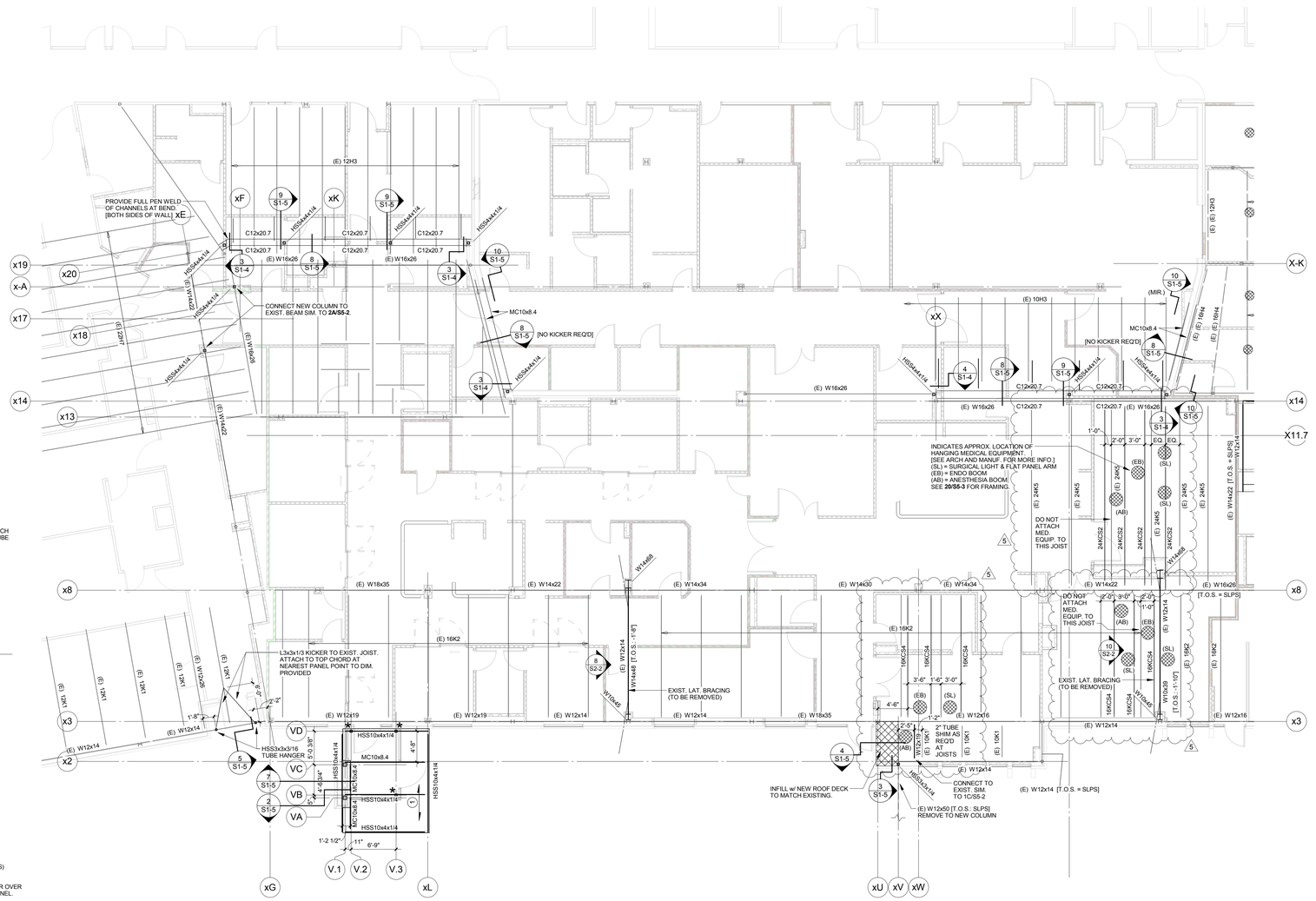
8 FRAMING AT EXISTING
1" = 1'-0"



9 FRAMING DETAIL
1" = 1'-0"



10 FRAMING DETAIL
3/4" = 1'-0"



ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES - AREA C:

1. SEE STRUCTRUAL NOTES ON SHEET S1-0.
2. COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. TOP OF STEEL/JOIST BRG. ELEVATION = 110'-5 3/8", UNLESS NOTED OTHERWISE AS SPECIFIC ELEVATIONS ON GRID LINES OR ON INDIVIDUAL MEMBERS. MEMBERS INDICATED AS "WXXxXX [+/- x'-xx"]" DESIGNATES DIFFERENTIAL TOP OF STEEL ELEVATION FROM TYPICAL.
4. (X) : INDICATES SPAN DIRECTION OF METAL DECK NOTED BELOW:
   (1) : 1 1/2" 22ga. VULCRAFT '1.5B' METAL ROOF DECK.
5. CONNECT BEAMS TOGETHER PER **1C/S5-2** U.N.O. WHERE EQUAL DEPTH BEAMS FRAME ACROSS FROM EACH OTHER CONNECT PER **1E/S5-2**.
6. BEAR STEEL BEAMS ON HSS COLUMNS PER **2A/S5-2** OR **2B/S5-2**, U.N.O.. FRAME BEAMS INTO HSS COLUMNS PER **19/S5-2**.
7. ✱ : INDICATES MOMENT CONNECTION OVER COLUMN PER **1/S1-5**.

KEYPLAN

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5	12/23/15	AREA C - ADDM #1

Stamp:
KARL P. SQUIRE III E-5522 PROFESSIONAL ENGINEER STATE OF NEBRASKA
01/28/2014

Drawn By:	Project Manager:
DJS	QGP

Project Number: 24902
Date: 01/28/2014
Sheet Title: **ROOF FRAMING / DETAILS AREA C**
Sheet Number: **S1-5**

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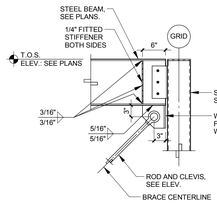
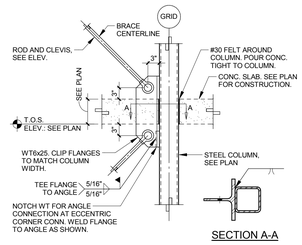


1 SECTION
3/4" = 1'-0"



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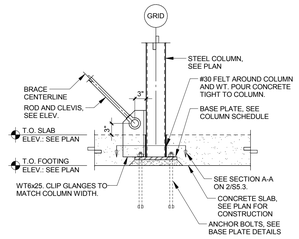
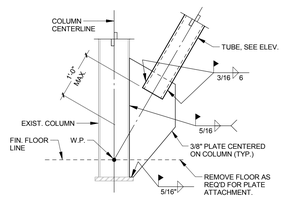
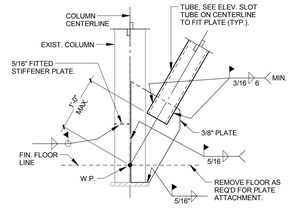


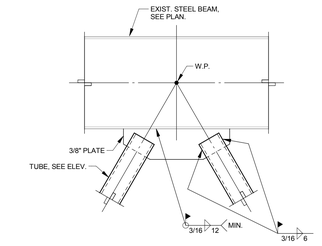
3 SECTION
3/4" = 1'-0"



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



5 SECTION
3/4" = 1'-0"



6 SECTION
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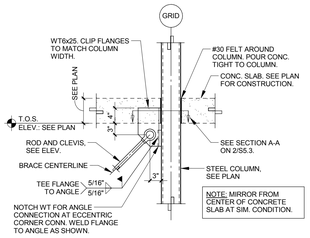

7 SECTION
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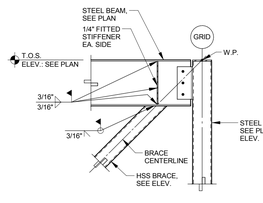

8 SECTION
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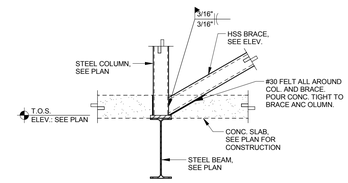

9 SECTION
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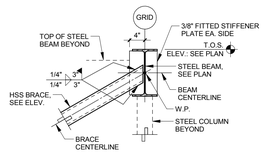

10 SECTION
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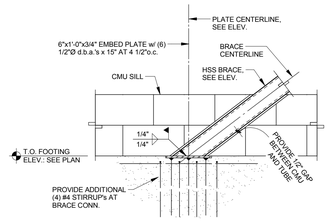

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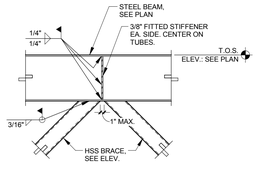
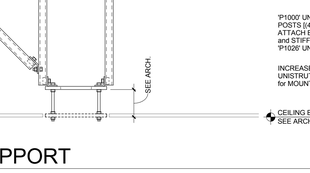


12 SECTION
3/4" = 1'-0"



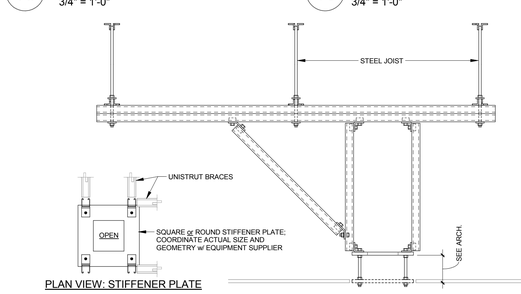
14 SECTION
3/4" = 1'-0"

15 SECTION
3/4" = 1'-0"

16 SECTION
3/4" = 1'-0"

17 SECTION
3/4" = 1'-0"

18 DETAIL
3/4" = 1'-0"

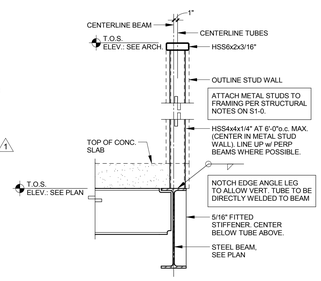


13 SECTION
3/4" = 1'-0"

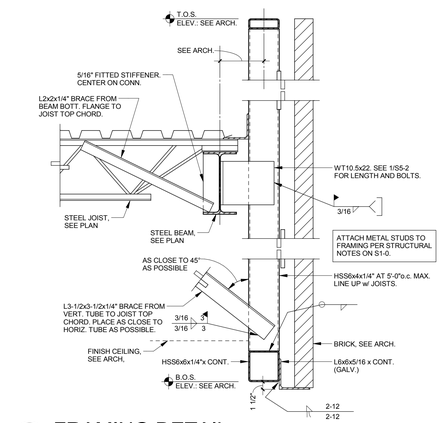
19 DETAIL
3/4" = 1'-0"

HANGING EQUIPMENT FRAMING NOTES: (DETAILS 20 & 21)
1. BOLT UNISTRUT MEMBERS TOGETHER w/ 1/2" dia. BOLTS, U.N.O.
2. AT (EB) ENDO BOOM AND (AB) ANESTHESIA BOOM USE (3) 'P1001 3'.
3. AT (EB) ENDO BOOM AND (AB) ANESTHESIA BOOM USE 3/4" PLATE.
4. WHERE REQUIRED, CONNECT UNISTRUT SUPPORT AND/OR BRACES TO EXISTING STEEL JOIST TOP CHORD.
5. IN LIEU OF UNISTRUT THE FOLLOWING CONVENTIONAL FRAMING SUBSTITUTIONS ARE ACCEPTABLE (CONTRACTORS OPTION):
P1000 = L3x3x3/16
P1001 = HSS3x3x3/16
P1001 3 = HSS3x3x3/16
ALL CONNECTIONS SHALL BE MADE w/ 1/8" WELDS ALL AROUND ALL MEMBERS.

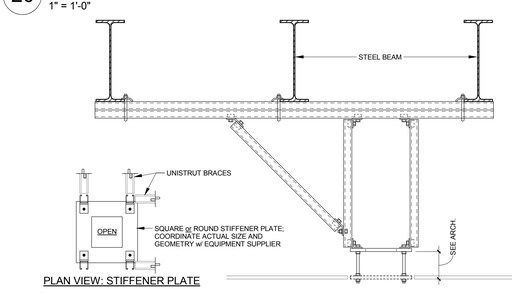
1



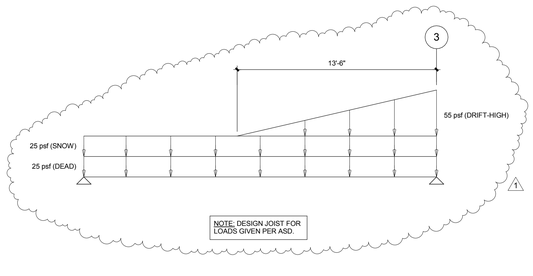
22 FRAMING DETAIL
3/4" = 1'-0"



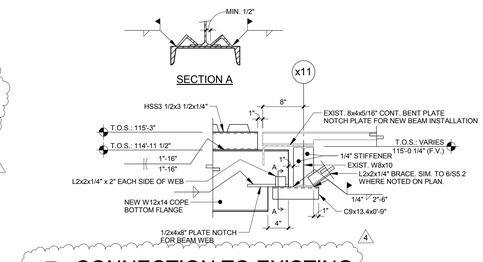
23 FRAMING DETAIL
1" = 1'-0"



20 MEDICAL EQUIPMENT SUPPORT
1" = 1'-0"



24 14KSP1 LOADING DIAGRAM
1/2" = 1'-0"



25 CONNECTION TO EXISTING
1" = 1'-0"

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TD2 engineering & surveying

Contractor:

Sampson Construction

Client:

YORK GENERAL HEALTH CARE SERVICES

Project Title:

HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
1	02/25/14	Addendum 1
4	08/08/14	ASI #2
5	12/23/15	AREA C - ADDM #1

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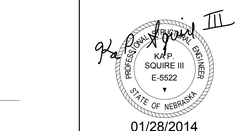


01/28/2014

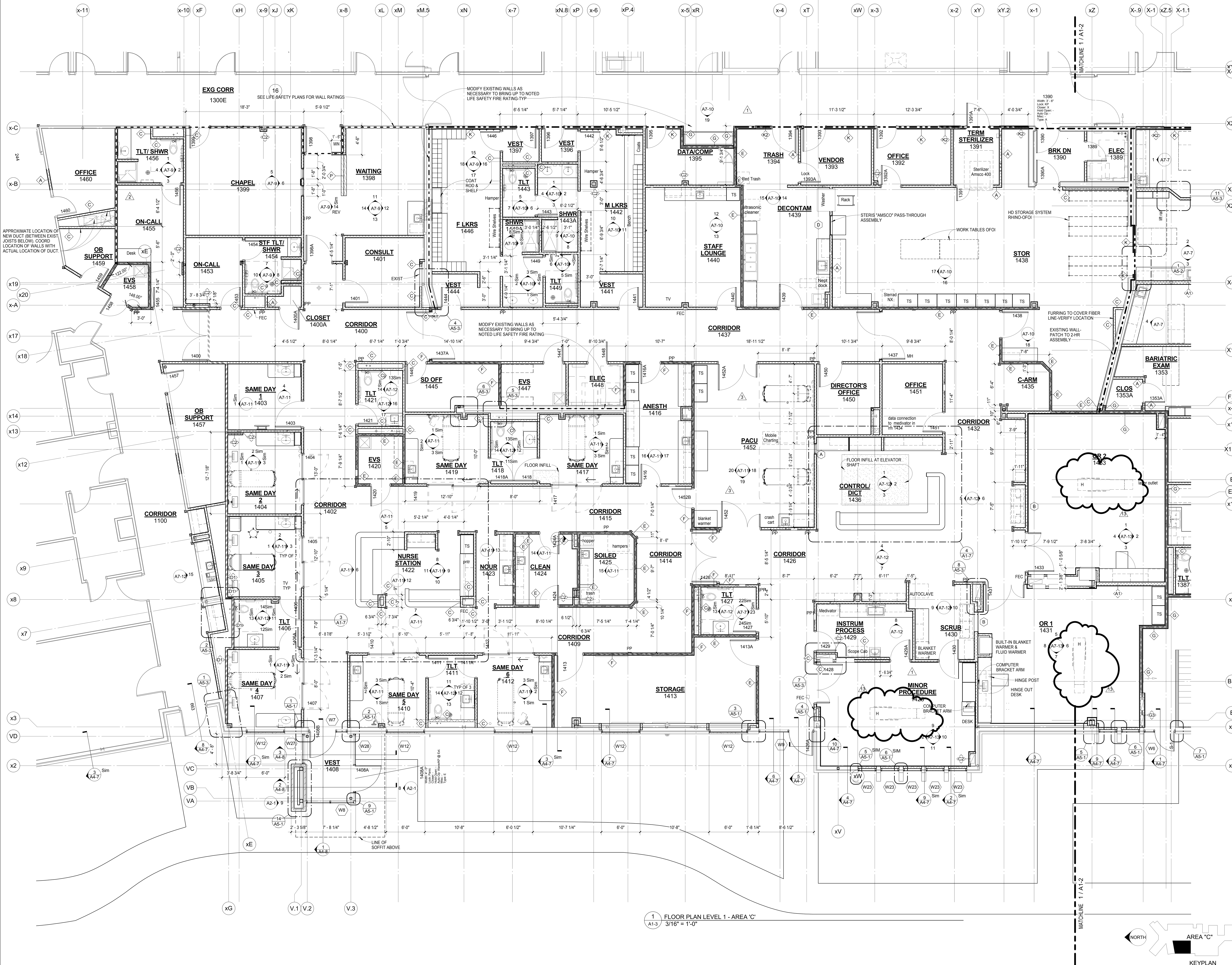
Drawn By:	Project Manager:
Author	Approver

Project Number: 24902

Date: 01/28/2014

Sheet Title: STRUCTURAL DETAILS

Sheet Number: S5-3



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Rev	Date	Description
1	02/25/2014	Addm No.1
2	03/05/2014	Addm No.2
3	06/09/2014	ASI No. 1
11	12/04/2015	AREA "C"
13	12/23/2015	AREA C - ADDM #1

Stamp:

ARCHITECT MICHAEL S. LEVIN A-2040 STATE OF NEBRASKA
01-28-14

Drawn By: MSL
Project Manager: MSL
Project Number: 24902
Date: 01/28/2014

Sheet Title:

FLOOR PLAN - AREA "C"

Sheet Number:

A1-3

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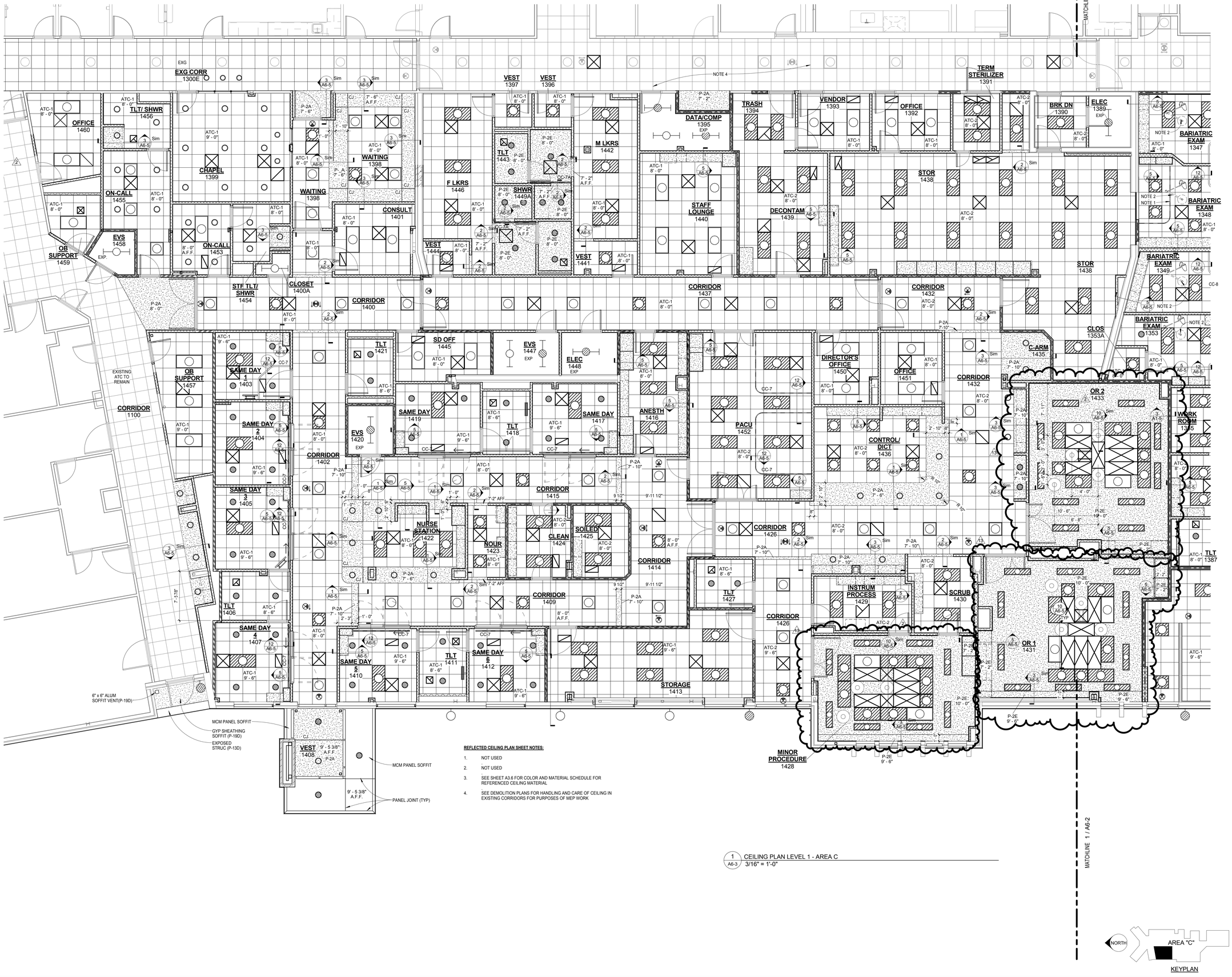

REFLECTED CEILING PLAN SHEET NOTES:

1. NOT USED
2. NOT USED
3. SEE SHEET A3.6 FOR COLOR AND MATERIAL SCHEDULE FOR REFERENCED CEILING MATERIAL
4. SEE DEMOLITION PLANS FOR HANDLING AND CARE OF CEILING IN EXISTING CORRIDORS FOR PURPOSES OF MEP WORK

1 / A6-3 CEILING PLAN LEVEL 1 - AREA C
3/16" = 1'-0"

KEYPLAN

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Phone: 402.991.5520
www.specializedeng.com

TD2 engineering & surveying

Contractor:

Sampson Construction

Client:

YORK GENERAL HEALTH CARE SERVICES

Project Title:

HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
2	03/05/2014	Addm No.2
11	12/04/2015	AREA 'C'
13	12/23/2015	AREA C - ADDM #1

Stamp:

ARCHITECT MICHAEL S. LEVIN A-2040 STATE OF NEBRASKA
01-28-14

Drawn By:	Project Manager:
MR	MSL

Project Number: 24902

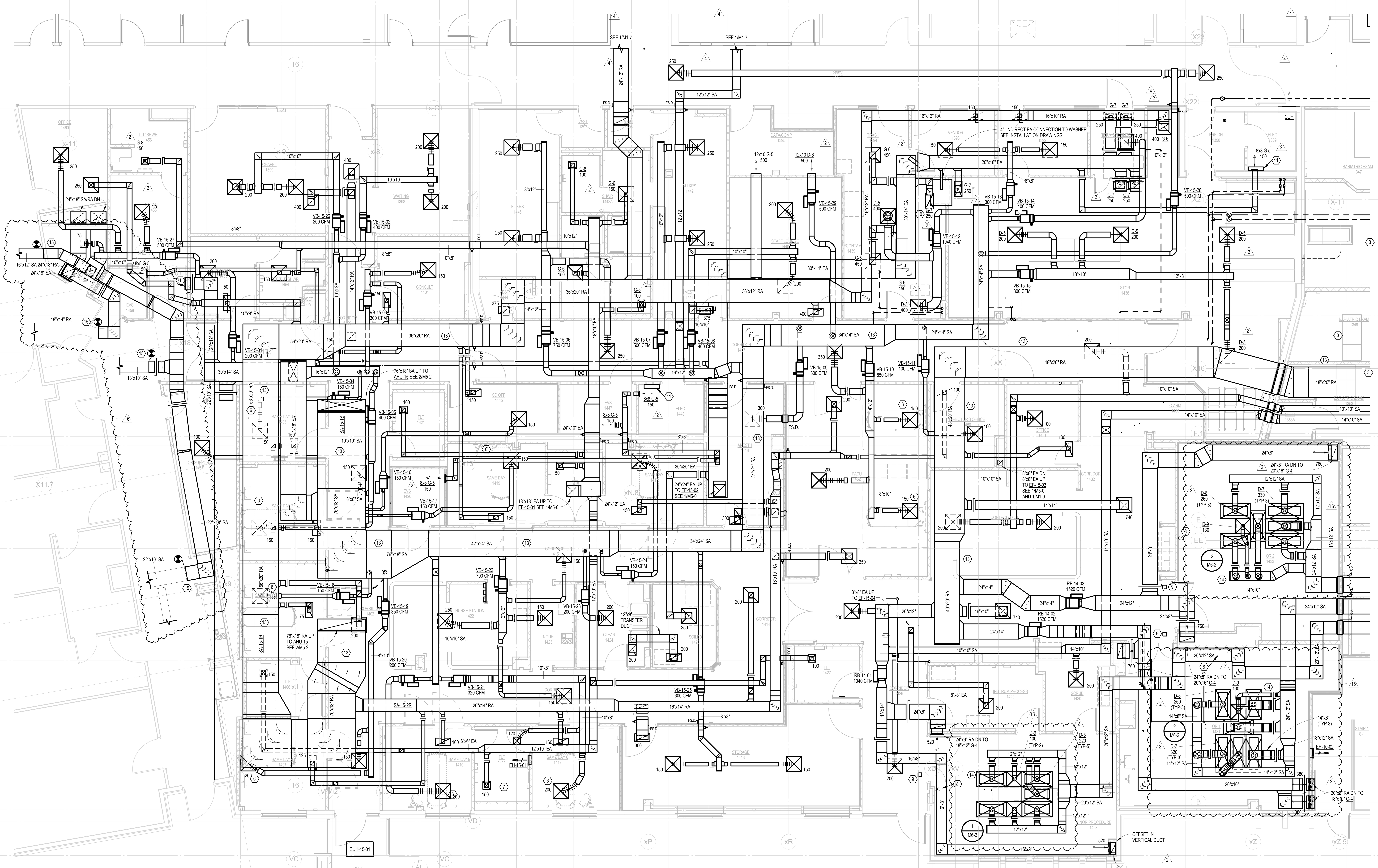
Date: 01/28/2014

Sheet Title:

REFLECTED CEILING PLAN - AREA "C"

Sheet Number:

A6-3



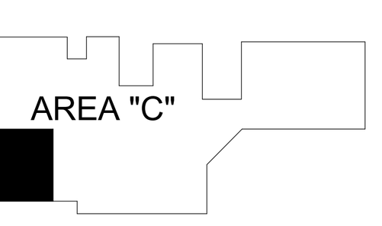
1 FLOOR PLAN LEVEL 1 - HVAC - AREA "C"
M1-3 3/16" = 1'-0"

GENERAL NOTES

A. REFER TO MECHANICAL COVER SHEET M0-0 FOR GENERAL REQUIREMENTS.

SHEET NOTES

1. NOT USED
2. NOT USED
3. NOT USED
4. NOT USED
5. CONTRACTOR TO VERIFY EXISTING DUCT LOCATION AND SIZE. DEMOLITION SECTION OF EXISTING DUCT AS NECESSARY TO TIE INTO AHU-17 MAIN.
6. PROVIDE DIFFUSER WITH 3-WAY THROW AWAY FROM WALL.
7. INSTALL BOTTOM OF WALL HEATER AT 8" A.F.F.
8. INSTALL HVAC SYSTEM OPERATION SWITCH NEAR THERMOSTAT. LABEL SWITCH "HVAC SYSTEM ON/OFF."
9. CONTROL PANEL LOCATION FOR OR/PROCEDURE ROOM REMOTE DAMPER OPERATORS. PROVIDE ALL CABLING FROM EACH SUPPLY AND RETURN DAMPER BACK TO THIS LOCATION FOR TESTING AND BALANCING PROCEDURES. LOCATE CONTROL PANEL IN CEILING SPACE AND EASILY ACCESSIBLE WITH A LADDER. LABEL TERMINALS ON CONTROL PANEL FOR EASILY IDENTIFYING DAMPER LOCATIONS.
10. PROVIDE 10"x8" EA DUCT OVER TO 6"x4" WASHER DUCT CONNECTION. BALANCE TO 300 CFM.
11. TEMPERATURE CONTROL CONTRACTOR TO FURNISH AND INSTALL PANEL FOR CONTORLS.
12. NOT USED
13. DUCT MAIN TO BE SEISMICALLY RESTRAINED.
14. SUPPLIER MUST SEND IN COORDINATED LAYOUTS WITH STRUCTURE, LIGHTING, AND BOOMS PRIOR TO RELEASE
15. CONTRACTOR TO VERIFY EXISTING DUCT LOCATION AND SIZE. DEMOLITION SECTION OF EXISTING DUCT AS NECESSARY TO TIE INTO AHU-17 MAIN.



KEYPLAN

DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

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SES PROJECT # 13048

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Sampson Construction

Client:
YORK GENERAL
HEALTH CARE SERVICES

Project Title:
HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
2	03/05/2014	Addm No 2
4	08/20/2014	ESI #02 - ASI #03
13	12/04/2015	Area C
16	12/23/2015	AREA C – ADDM #1

Stamp:
PROFESSIONAL MECHANICAL ENGINEER
ERIC G. SHERMAN
E-11322
01/28/2014
STATE OF NEBRASKA

Drawn By:	Project Manager:
JSH	CDH

Project Number: 24902

Date: 01/28/2014

Sheet Title:
FLOOR PLAN - HVAC - AREA "C"

Sheet Number:
M1-3

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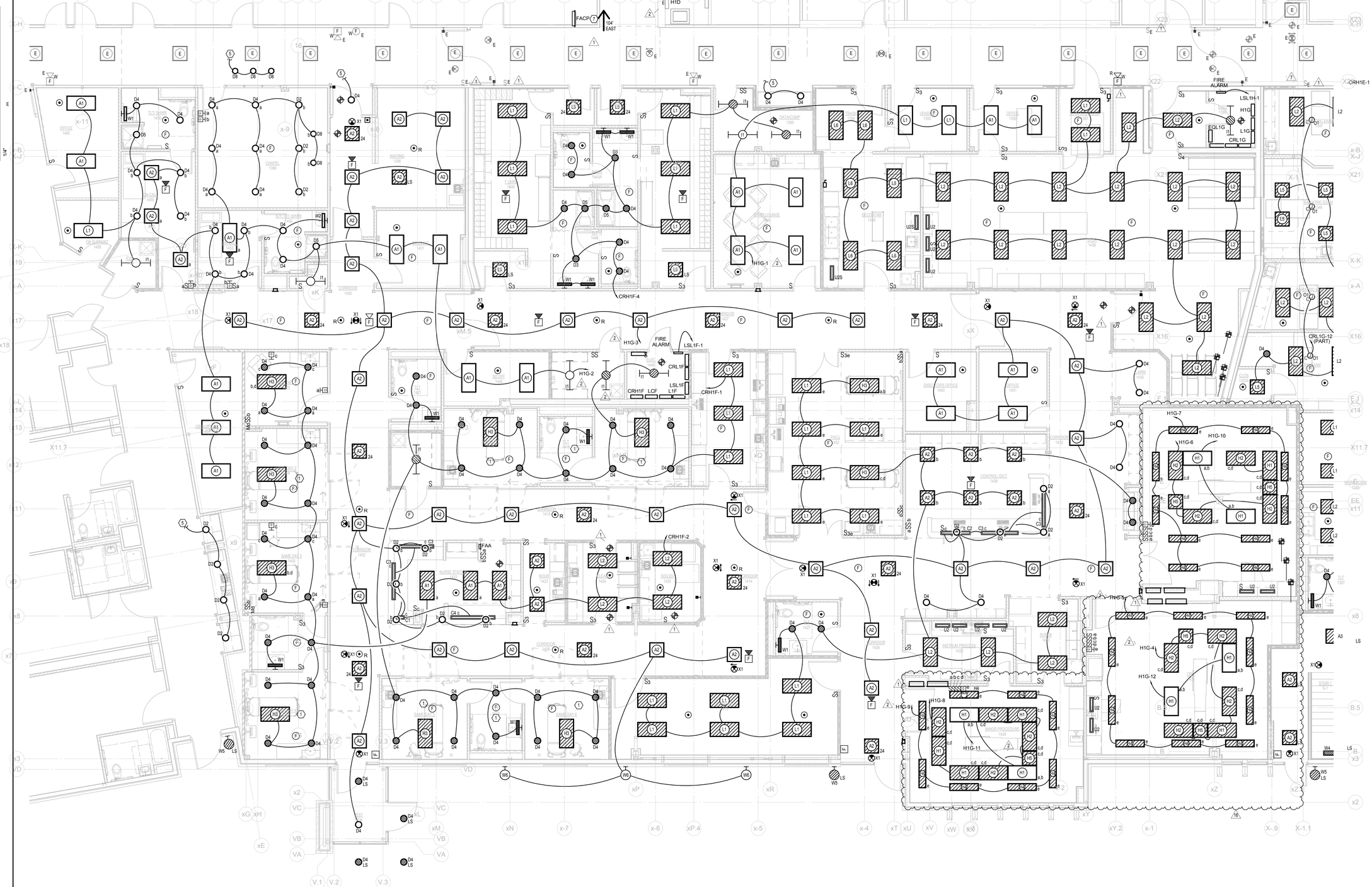

1 FLOOR PLAN LEVEL 1 - LIGHTING - AREA "C"
E1-3 3/16" = 1'-0"

KEYPLAN

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

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Client:

Sampson
Construction

Client:

YORK GENERAL
HEALTH CARE SERVICES

Project Title:

HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
1	02/25/2014	Addm No 1
2	03/05/2014	Addm No 2
7	04/02/2015	ESI #05 - ASI #08
13	12/04/2015	Area C
16	12/23/2015	AREA C – ADDM #1

Stamp:

KRISTOPHER S. BURNHAM
E-11812
01/28/2014

Drawn By: MJF
Project Manager: MJF
Project Number: 24902
Date: 01/28/2014
Sheet Title:

FLOOR PLAN - LIGHTING - AREA "C"

Sheet Number:

E1-3

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1 FLOOR PLAN LEVEL 1 - POWER - AREA "C"
E2-3 3/16" = 1'-0"

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

NORTH

AREA "C"

KEYPLAN

SPECIALIZED ENGINEERING SOLUTIONS
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TD2 engineering & surveying

Client:
Sampson Construction

Client:
YORK GENERAL HEALTH CARE SERVICES

Project Title:
HOSPITAL ADDITION AND REMODEL

Rev	Date	Description
1	02/25/2014	Addm No 1
2	03/05/2014	Addm No 2
7	04/02/2015	ESI #05 - ASI #08
13	12/04/2015	Area C
16	12/23/2015	AREA C – ADDM #1

Stamp:

Drawn By: MJF
Project Manager: MJF
Project Number: 24902
Date: 01/28/2014

Sheet Title:
FLOOR PLAN - POWER - AREA "C"

Sheet Number:
E2-3

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YORK GENERAL HOSPITAL

ORS #1431, 1433, & MINOR PROCEDURE #1428
2222 N. LINCOLN AVE.
YORK, NE
DATE: 11NOV15

DIRECTORY

SALES REP: BRIAN KLIPFEL 515.779.6381

BRIAN.KLIPFEL@STRYKER.COM

PROJECT MANAGER: KEN AGRELLA 214.801.4114

KEN.AGRELLA@STRYKER.COM

ENGINEER: CHRIS LEU 214.984.6176

CHRIS.LEU@STRYKER.COM

TABLE OF CONTENTS

ENGINEERING APPROVAL

AUTHORIZED SIGNATURE:

DRAWING#: NE-201511-1194_5

APPROVED REVISION: 5

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REP: BRIAN KLIPFEL
PM: KEN AGRELLA

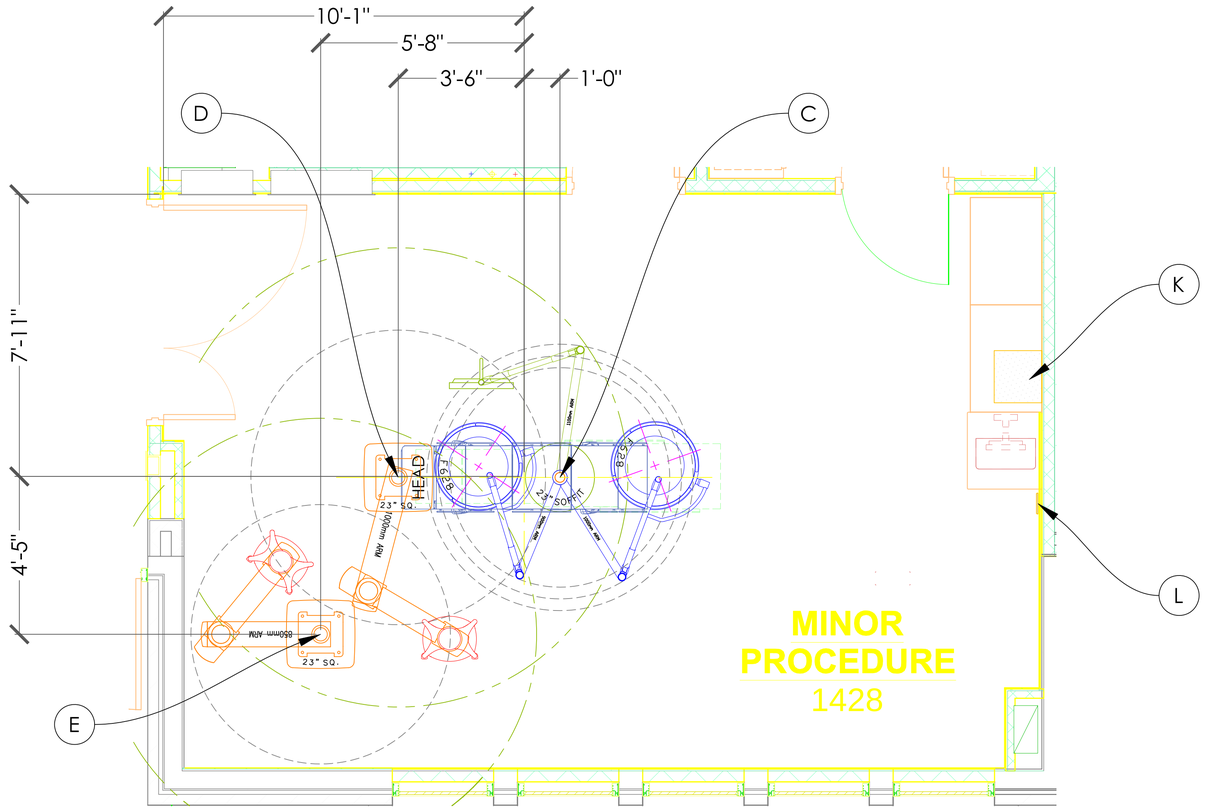
SHEET:
TITLE

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EQUIPMENT LIST:

EQUIPMENT SCHEDULE		
KEY ITEM	**NAME**	**QTY**
C	CHROMOPHARE ® F 628 SURGICAL LIGHT / F 628 SURGICAL LIGHT / SINGLE FLAT PANEL ARM	1
D2	TELETOM ® TM-612 (6 SERIES EQUIPMENT BOOM)	1
	- DVI AUX VIDEO PLATE | SDI AUX VIDEO PLATE |	1
	- VGA/S-VIDEO AUX PLATE | BNC AUX VIDEO PLATE	1
E	TELETOM ® TM-612 (6 SERIES ANESTHESIA BOOM)	1
K	SK ENCLOSURE FOR CHROMOPHARE LIGHTING	1
L	CHROMOPHARE ® SURGICAL LIGHT WALL CONTROL PANEL	1

CONDUIT SCHEDULE		
CONDUIT RUN ITEM - ITEM	**CONDUIT QTY**	**CONDUIT SIZE**
C - J	1	$1\frac{1}{4}$"
C - K	1	2"
D2 - J	1	2"
E - J	1	2"
K - *	1	1"
L - K	1	1"
* - NEAREST ELECTRICAL PANEL		



SCALE: 1/2" = 1'

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5	11NOV15	REFERENCE #: CSR2015111-1903	JREED	-

EQUIPMENT LAYOUT

MINOR PROCEDURE #1428

YORK GENERAL HOSPITAL

YORK, NE

REP: BRIAN KLIPFEL
PM: KEN AGRELLA

SHEET:
R02 OR1428

AUTOCAD DRAWING TEMPLATE | TEM100XX | REV. A

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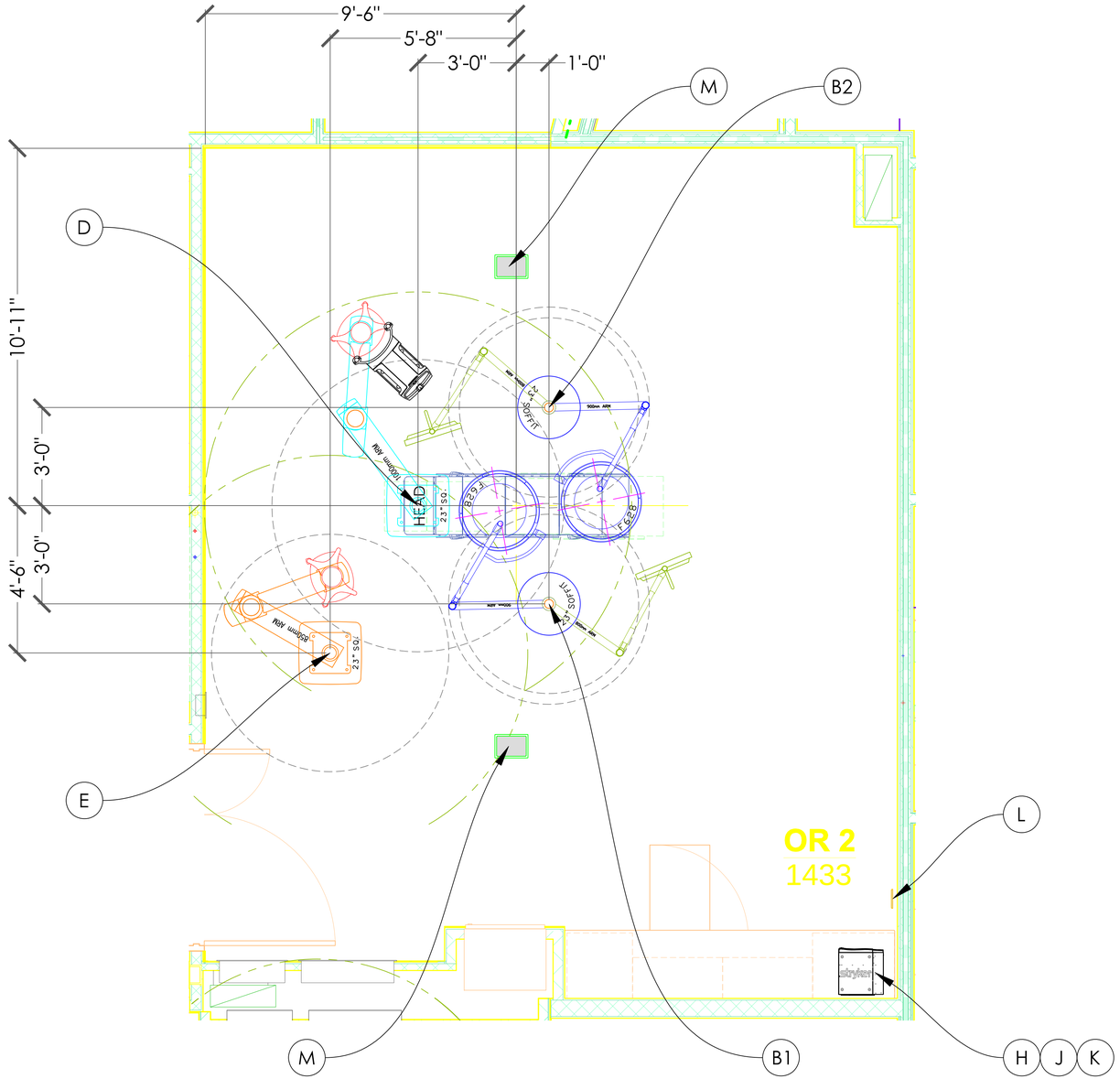
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EQUIPMENT LIST:

EQUIPMENT SCHEDULE		
KEY ITEM	**NAME**	**QTY**
B1	CHROMOPHARE ® F 628 SURGICAL LIGHT / SINGLE FLAT PANEL ARM	1
B2	CHROMOPHARE ® F 628 SURGICAL LIGHT / SINGLE FLAT PANEL ARM	1
D	TELETOM ® TP-622 (6 SERIES EQUIPMENT BOOM)	1
	- DVI AUX VIDEO PLATE | SDI AUX VIDEO PLATE |	1
	- VGA/S-VIDEO AUX PLATE | BNC AUX VIDEO PLATE	1
E	TELETOM ® TM-612 (6 SERIES ANESTHESIA BOOM)	1
H	CUSTOMER SUPPLIED DOCUMENTATION STATION	1
	SPI3 22" TOUCH PANEL | SDC3 | PRINTER	1
J	SWITCHPOINT INFINITY 3 (LITE)	1
K	SK ENCLOSURE FOR CHROMOPHARE LIGHTING	1
L	CHROMOPHARE ® SURGICAL LIGHT WALL CONTROL PANEL	1
M	FLUSH MOUNTED RECTANGULAR CEILING SPEAKER	2

CONDUIT SCHEDULE		
CONDUIT RUN ITEM - ITEM	**CONDUIT QTY**	**CONDUIT SIZE**
B1 - J	1	$1\frac{1}{4}$"
B1 - K	1	2"
B2 - J	1	$1\frac{1}{4}$"
B2 - K	1	2"
B1 - B2	1	1"
D - J	2	2"
E - J	1	2"
K - *	1	1"
L - K	1	1"
M - J	1	$\frac{3}{4}$"
P - J	1	$1\frac{1}{4}$"
* - NEAREST ELECTRICAL PANEL		



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DRAWING #: NE201511-1194_5
REFERENCE #: CSR2015111-1903

EQUIPMENT LAYOUT

OPERATING ROOM #1433

YORK GENERAL HOSPITAL

YORK, NE

REP: BRIAN KLIPFEL
PM: KEN AGRELLA

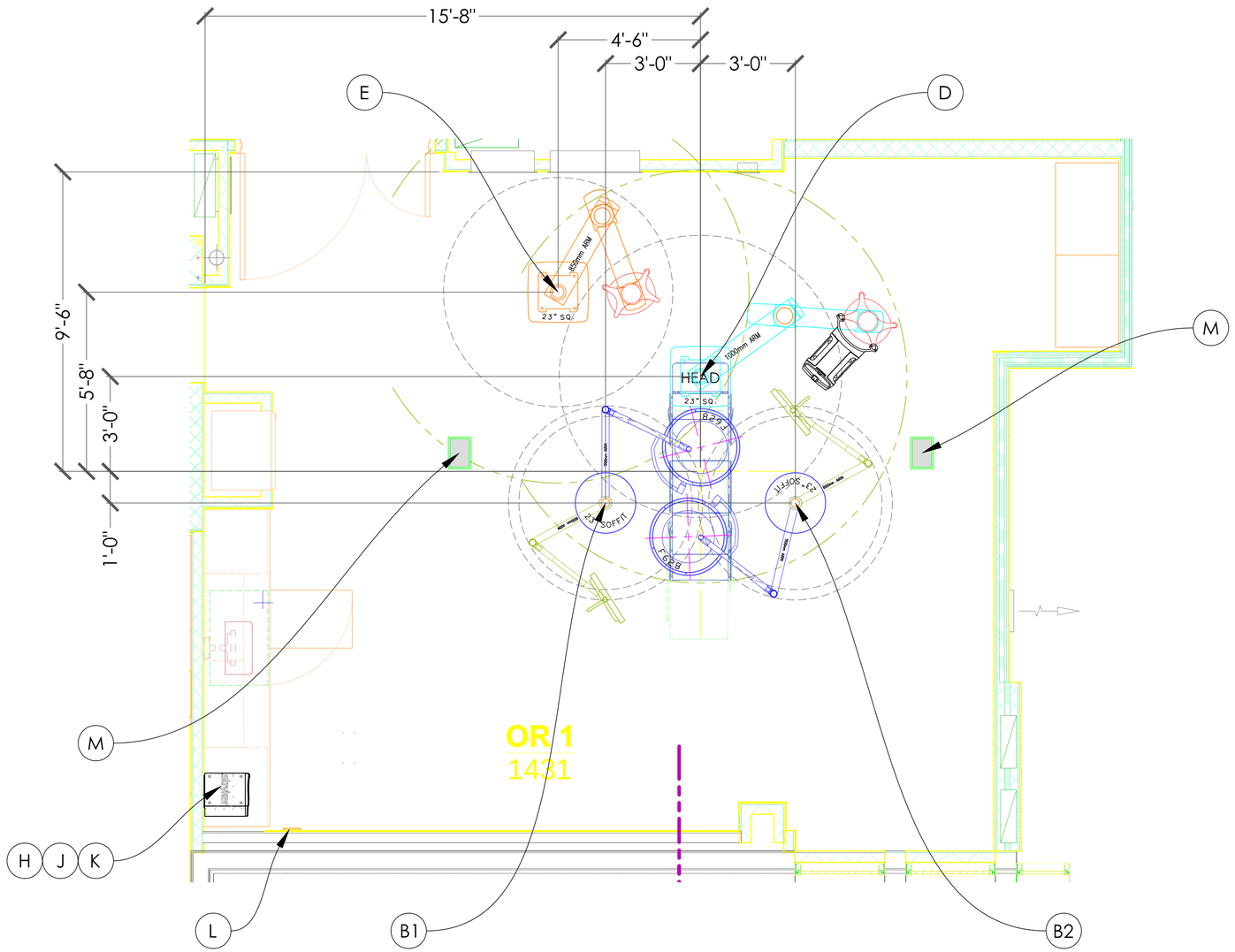
SHEET:
R04OR1433

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EQUIPMENT LIST:

EQUIPMENT SCHEDULE		
KEY ITEM	**NAME**	**QTY**
B1	CHROMOPHARE ® F 628 SURGICAL LIGHT / SINGLE FLAT PANEL ARM	1
B2	CHROMOPHARE ® F 628 SURGICAL LIGHT / SINGLE FLAT PANEL ARM	1
D	TELETOM ® TP-622 (6 SERIES EQUIPMENT BOOM)	1
	- DVI AUX VIDEO PLATE | SDI AUX VIDEO PLATE |	1
	- VGA/S-VIDEO AUX PLATE | BNC AUX VIDEO PLATE	1
E	TELETOM ® TM-612 (6 SERIES ANESTHESIA BOOM)	1
H	CUSTOMER SUPPLIED DOCUMENTATION STATION	1
	SPI3 22" TOUCH PANEL | SDC3 | PRINTER	1
J	SWITCHPOINT INFINITY 3 (LITE)	1
K	SK ENCLOSURE FOR CHROMOPHARE LIGHTING	1
L	CHROMOPHARE ® SURGICAL LIGHT WALL CONTROL PANEL	1
M	FLUSH MOUNTED RECTANGULAR CEILING SPEAKER	2

CONDUIT SCHEDULE		
CONDUIT RUN ITEM - ITEM	**CONDUIT QTY**	**CONDUIT SIZE**
B1 - J	1	$1\frac{1}{4}$"
B1 - K	1	2"
B2 - J	1	$1\frac{1}{4}$"
B2 - K	1	2"
B1 - B2	1	1"
D - J	2	2"
E - J	1	2"
K - *	1	1"
L - K	1	1"
M - J	1	$\frac{3}{4}$"
P - J	1	$1\frac{1}{4}$"
* - NEAREST ELECTRICAL PANEL		



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REFERENCE #: CSR2015111-1903

EQUIPMENT LAYOUT

OPERATING ROOM #1431

YORK GENERAL HOSPITAL

YORK, NE

REP: BRIAN KLIPFEL
PM: KEN AGRELLA

SHEET:
R2.0 OR1431

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. **ALL CONDUIT RUNS INCLUDE INSULATED BUSHINGS AND PULL STRINGS.**
2. **CONDUIT RUNS CANNOT EXCEED 50' FROM END-TO-END. DO NOT EXCEED FOUR (4) 90 DEGREE BENDS.**
3. **THE PRE-INSTALL MANUAL REQUIREMENTS SUPERSEDE ALL PRE-INSTALL NOTES IN THIS DRAWING PACKAGE.**
4. **EQUIPMENT LIST:**

B1 CHROMOPHARE ® F628 SURGICAL LIGHT / FLAT PANEL ARM

B2 CHROMOPHARE ® F628 SURGICAL LIGHT / FLAT PANEL ARM

C CHROMOPHARE ® F628 SURGICAL LIGHT / F628 SURGICAL LIGHT / FLAT PANEL ARM

CONDUIT: REFER TO ROOM LAYOUT FOR CONDUIT SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.
MONITOR POWER: ONE (1) - 20 AMP CIRCUIT LOCATED AT JUNCTION BOX WITHIN 18" OF CENTER OF STRYKER PRE-INSTALL PLATE.
- THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIPS DURING STRYKER INSTALLATION. INSTALL ONE (1) - 5 AMP FUSE FOR 100V- 120V APPLICATIONS, OR A 2.5 AMP FUSE FOR 200V-240V APPLICATIONS, IF REQUIRED BY LOCAL ELECTRICAL CODE. THESE FUSES MUST BE PROVIDED BY THE CONTRACTOR.
LIGHT POWER: REFER TO "ELECTRIC" NOTE FOR POWER.
ACCESS PANEL: ONE (1) 24" X 24" ACCESS PANEL ADJACENT TO SUSPENSION.
STRUCTURAL: STRYKER PRE-INSTALL PLATE SHALL BE INSTALLED BY CUSTOMER/CONTRACTOR FLUSH WITH FINISHED CEILING PER CUSTOMER PROVIDED STRUCTURAL ENGINEER SPECS.
- NEW CONSTRUCTION, A 12" CIRCULAR HOLE CENTERED ON STRYKER PRE-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR NEW INSTALLATION. A 18” CIRCULAR CEILING COVER CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.
- RENOVATION, A 18.25" CIRCULAR HOLE CENTERED ON STRYKER PRE-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR NEW INSTALLATION. A 23” CIRCULAR CEILING COVER CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.

D TELETOM ® TP-622 (6 SERIES EQUIPMENT BOOM)

E TELETOM ® TM-612 (6 SERIES ANESTHESIA BOOM)

E2 TELETOM ® TM-612 (6 SERIES ANESTHESIA BOOM)

CONDUIT: REFER TO ROOM LAYOUT FOR CONDUIT SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.
POWER: REFER TO TELETOM MANUFACTURING SERVICE MODULE DRAWING FOR ELECTRICAL CIRCUIT COUNT. ALL ELECTRICAL CIRCUITS SHALL BE CONNECTED TO TELETOM OUTLET BOX.
- THE CONTRACTOR / ELECTRICIAN TO HARDWIRE STRYKER ELECTRICAL WHIP DURING STRYKER INSTALLATION.
PLUMBING: INSTALL VALVE BRIDGE TO TOP OF PRE-INSTALL PLATE. ALL GAS LINES MUST BE TERMINATED WITH STRYKER SUPPLIED GAS RISERS BY CUSTOMER/MEDGAS INSTALLER.
- ALL FINAL DISS CONNECTIONS TO BE MADE BY CUSTOMER/MEDGAS INSTALLER AFTER STRYKER INSTALLATION.
ACCESS PANEL: ONE (1) 24" X 24" ACCESS PANEL ADJACENT TO SUSPENSION. ON THE OUTLET BOX SIDE OF THE MOUNTING PLATE.
STRUCTURAL: TELETOM PRE-INSTALL PLATE SHALL BE INSTALLED BY CUSTOMER/CONTRACTOR AT 2.5-inch, ± .125-inch ABOVE FINISHED CEILING PER CUSTOMER PROVIDED STRUCTURAL ENGINEER SPECS.
- A 22” SQUARE HOLE CENTERED ON STRYKER PRE-INSTALL PLATE IN THE FINISHED CEILING IS REQUIRED FOR INSTALLATION. A 23.5” SQUARE CEILING COVER CONCEALS HOLE AFTER SUSPENSION IS INSTALLED.

H CUSTOMER SUPPLIED DOCUMENTATION STATION

POWER: RECOMMEND SEVEN (7) - 20 AMP CIRCUITS
- ONE (1) CIRCUIT FOR QUAD OUTLET BEHIND VIDEO ROUTER.
- ONE (1) CIRCUIT FOR QUAD OUTLET BEHIND LIGHT PSB (IF REQUIRED).
- ONE (1) CIRCUIT FOR DUPLEX OUTLET UNDER TOUCH PANEL.
- ONE (1) CIRCUIT FOR QUAD OUTLET BEHIND DIGITAL CAPTURE DEVICE.
- THREE (3) CIRCUITS FOR THREE (3) QUAD OUTLETS BEHIND THE ADDITIONAL STRYKER PROVIDED EQUIPMENT (IF REQUIRED)
- ALL DOCUMENTATION STATION CIRCUITS REQUIRE CRITICAL POWER.

SPACE REQUIREMENTS: DOC STATION MUST ALLOW FOR A MINIMUM 2” CABLE PASSAGE BETWEEN ALL COMPONENTS HOUSED INSIDE.
- SECTION HOUSING VIDEO ROUTER MUST HAVE AN INTERIOR DIMENSION OF AT LEAST 27.5”W X 31”H X 29”D.
- SECTION HOUSING VIDEO ROUTER MUST BE VENTED.
- DOC STATION MUST ALLOW FOR DIRECT ACCESS TO BACKBOXES PER REQUIREMENTS LISTED BELOW.

DATA: PER LISTED EQUIPMENT.
BACKBOX: PER LISTED EQUIPMENT.
NOTE: CUSTOMER / CONTRACTOR RESPONSIBLE FOR RECEIVING AND INSTALLATION OF DOCUMENTATION STATION PRIOR TO STRYKER INSTALLATION.

DOC STATION EQUIPMENT:

SPI-3 TOUCH PANEL, 22”
DIMENSIONS: 20.3”W X 15.8”H X 13.5”D WITH STAND
DATA: NONE
BACKBOX: NONE

SDC
DIMENSIONS: 12.5”W X 7”H X 16.2”D
DATA: ONE (1) ETHERNET CONNECTION
BACKBOX: NONE

PRINTER
DIMENSIONS: 12.5”W X 8.2”H X 16.7”D
DATA: NONE
BACKBOX: NONE

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5	11NOV15	REFERENCE #: CSR2015111-1903	JREED	-

PRE-INSTALL NOTES

YORK GENERAL HOSPITAL

YORK, NE

REP: BRIAN KLIPFEL
PM: KEN AGRELLA

SHEET: P1

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. **ALL CONDUIT RUNS INCLUDE INSULATED BUSHINGS AND PULL STRINGS.**
2. **CONDUIT RUNS CANNOT EXCEED 50' FROM END-TO-END. DO NOT EXCEED FOUR (4) 90 DEGREE BENDS.**
3. **THE PRE-INSTALL MANUAL REQUIREMENTS SUPERSEDE ALL PRE-INSTALL NOTES IN THIS DRAWING PACKAGE.**
4. **EQUIPMENT LIST:**

J SWITCHPOINT INFINITY 3 (LITE)

DIMENSIONS:
- MEDIA ROUTER: 12.8"H X 16.4"W X 17.4"D
- CONTROL SECTION: 2.6"H X 12.5"W X 17"D
- TOTAL SPACE REQUIRED: 30.5"H X 26"W X 23.5"D

DATA: ONE (1) ETHERNET CONNECTION

BACKBOX: ONE (1) 18"W X 18"H X 4"D (OR LARGER) JUNCTION BOX FLUSH MOUNTED.
- SET BOTTOM OF BOX 9" ABOVE FINISHED FLOOR.

NOTE: TERMINATE ALL INTEGRATION CONDUITS TO THIS JUNCTION BOX.

K SK ENCLOSURE FOR CHROMOPHARE LIGHTING

CONDUIT: TWO (2) 1" FROM SK ENCLOSURE TO EACH LIGHT MOUNTING LOCATION, ONE (1) 1" BETWEEN LIGHT MOUNTING LOCATIONS, AND ONE (1) 1" FOR 120VAC TO SK BOX (UP TO THREE(3) LIGHTS PER CIRCUIT). MAXIMUM LENGTH OF 45 FEET (15M) OF CONDUIT RUN TO BOTH THE MOUNTING PLATE AND THE TO WALL CONTROL BOX. MUST BE EASILY ACCESSIBLE, EITHER BY INSTALLATION INTO A WALL, OR IN THE INTERSTITIAL SPACE WITH ACCESS PANEL.

POWER:
- AC WIRING: WIRING SHOULD BE 3 WIRE, 12AWG MIN., AND 600V, TERMINATED TO THE FUSED TERMINAL BLOCK INSIDE THE SK ENCLOSURE. (UP TO 3 LIGHTS PER SK BOX)
- DC WIRING: WIRES SHOULD CONSIST OF 1 PAIR PER LIGHT HEAD AND 1 GROUND WIRE PER MOUNTING RING. WIRES TERMINATE AT THE NON-FUSED TERMINAL BLOCK INSIDE THE SK ENCLOSURE. WIRING SHOULD RUN FROM OUTPUT OF THE SK ENCLOSURE AND FALL A MINIMUM OF 18-INCHES BELOW THE CEILING AT THE MOUNTING RING.

L CHROMOPHARE ® SURGICAL LIGHT WALL CONTROL PANEL

CONDUIT: ONE (1) 1" CONDUIT TO SK ENCLOSURE OR ON TUBE ELECTRONICS.
BACK BOX: NONE. WALL CONTROL RECEIVES CONDUIT.
POWER: NONE

M FLUSH MOUNTED RECTANGULAR CEILING SPEAKER

CONDUIT: ONE (1) ¾" CONDUIT TERMINATED 2" ABOVE SPEAKER CUTOUT
STRUCTURAL: CUSTOMER/CONTRACTOR TO CUT ONE 7 ¼"W X 10 ¾"L (TEMPLATE SUPPLIED W/ SPEAKER) IN CEILING AT EACH SPEAKER MOUNTING LOCATION.
PROVIDE 4" MINIMUM CEILING CLEARANCE.

stryker®
1410 LAKESIDE PARKWAY, SUITE 100
FLOWER MOUND, TEXAS 75028
PHONE: (877) 789-8106
FAX: (972) 410-7001
www.stryker.com

REV:	DATE:	DRAWING #: NE201511-1194_5	DRAFTER	IR
5	11NOV15	REFERENCE #: CSR2015111-1903	JREED	-

PRE-INSTALL NOTES

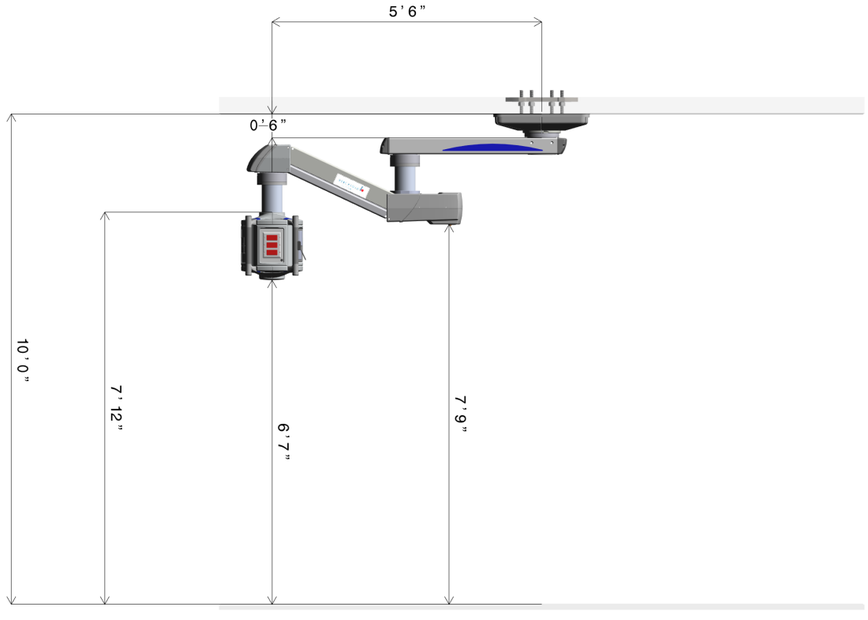
YORK GENERAL HOSPITAL

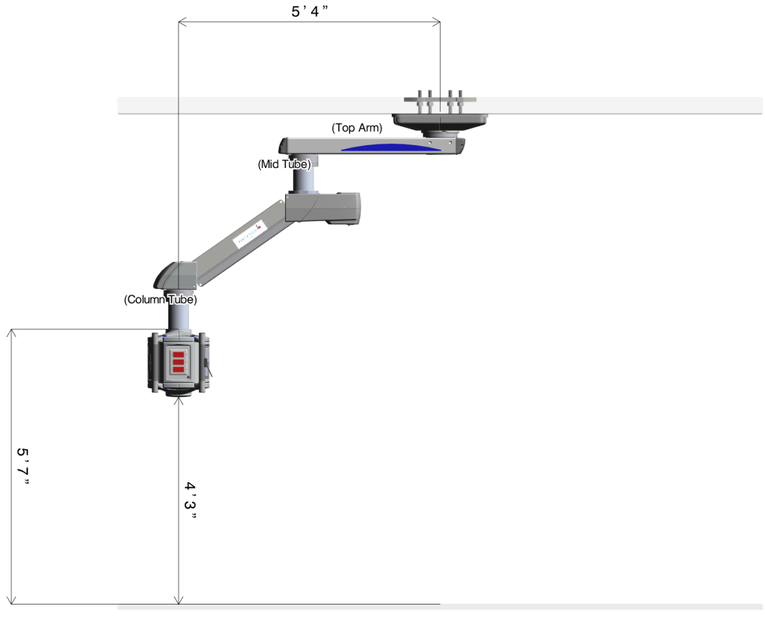
YORK, NE

REP: BRIAN KLIPFEL
PM: KEN AGRELLA

SHEET:
P2

TELETOM ® ANESTHESIA BOOM (6 Series Manual Power TM-612)





MAIN TELETOM

Brake System	Friction
Rail Type	Fairfield (Lifespan) Rails
Upper Arm Length	850mm
Mid Tube Length	150mm
Column Tube Length	250mm
Extension Pole	No Extension Pole
Weight Capacity (see note 5)	25 lbs.
Total Throat Used (%)	80

ACCESSORIES

For a complete list of accessories please refer to your quote.

I confirm the ceiling height and agree with the dimensions as drawn. I confirm the equipment configuration as shown including arm lengths, platforms, gas key styles, brand, and locations; electric, and low voltage selections and locations. I understand that any changes made after an order is in production will result in a change order fee and a delay in shipment.

CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

NOTES:

1. For weights, moments and installation details, please refer to the Stryker TELETOM® or CHROMOPHARE® Pre-installation Manuals.
2. It is the owners responsibility to provide the support structure to meet requirements listed in the Pre-Install Manual.
3. Bottom of Stryker mounting plate must be installed at 3.0" above finished ceiling plane. All vertical boom dimensions shown in drawing are dependent on this requirement.
4. Customer is responsible for reviewing and approving Gas Key Style and Manufacturer.
5. Total weight capacity available for all Stryker and customer supplied accessories, based on weights & moments listed in TELETOM® Pre-Install Manual #700000231 Rev 2 .

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Sales Representative :
Brian Klipfel
brian.klipfel@stryker.com
+1 5157796381

Project:	
Customer: YORK GENERAL HOSPITAL	
City: YORK	State: NE
Equip ID: TM-612	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 3
DWG Rev No.: 1	Page No.: 1
DWG No.: 76713T001	

TELETOM ® ANESTHESIA BOOM (6 Series Manual Power TM-612)

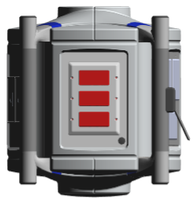
O2
AIR
WAGD
N2O

FRONT

VAC
VAC

CKT: 1
CKT: 1
CKT: 2

RIGHT



Blank
Blank
Blank

REAR

O2
AIR

CKT: 3
CKT: 3
CKT: 4

LEFT

GAS OUTLETS

QTY	GAS	KEY STYLE	MANUFACTURER
2	AIR	D.I.S.S.	Beacon Medaes
1	Nitrous Oxide	D.I.S.S.	Beacon Medaes
2	Oxygen	D.I.S.S.	Beacon Medaes
2	Vacuum	D.I.S.S.	Beacon Medaes
1	WAGD	D.I.S.S.	Beacon Medaes

HIGH VOLTAGE

Main Power Type:	Isolated

Circuit No. / Power Type / Receptacles / Transfer Switch

1 / Emergency / Red Duplex / Red Duplex / A
2 / Emergency / Red Duplex Dedicated / A
3 / Emergency / Red Duplex / Red Duplex / A
4 / Emergency / Red Duplex Dedicated / A

CIRCUIT TOTALS

QTY	Description
2	20A Emergency Circuits
2	20A Dedicated Emergency Circuits

BLANKS

3	Total Gas and Low Voltage Blanks

VIDEO INTEGRATOR: Stryker

I confirm the ceiling height and agree with the dimensions as drawn. I confirm the equipment configuration as shown including arm lengths, platforms, gas key styles, brand, and locations; electric, and low voltage selections and locations. I understand that any changes made after an order is in production will result in a change order fee and a delay in shipment.

CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

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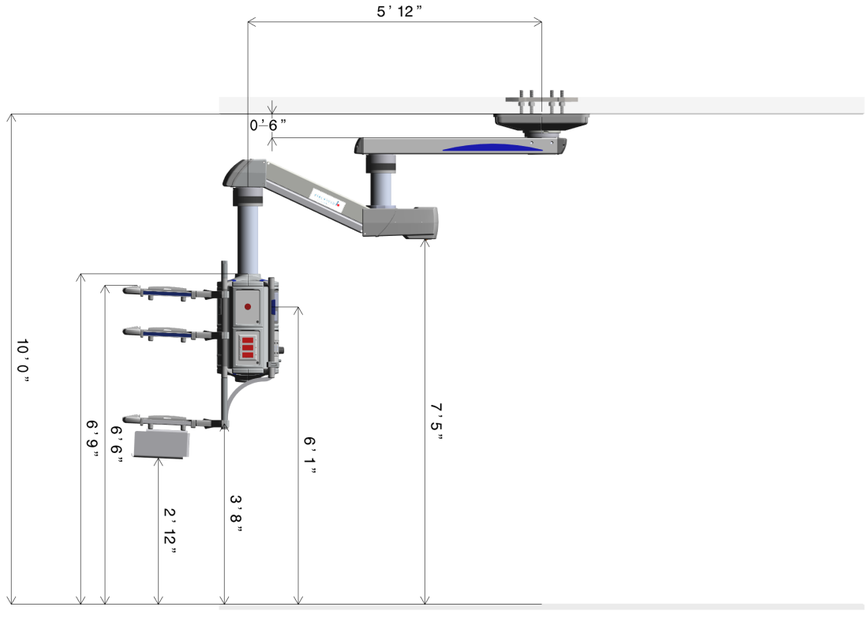
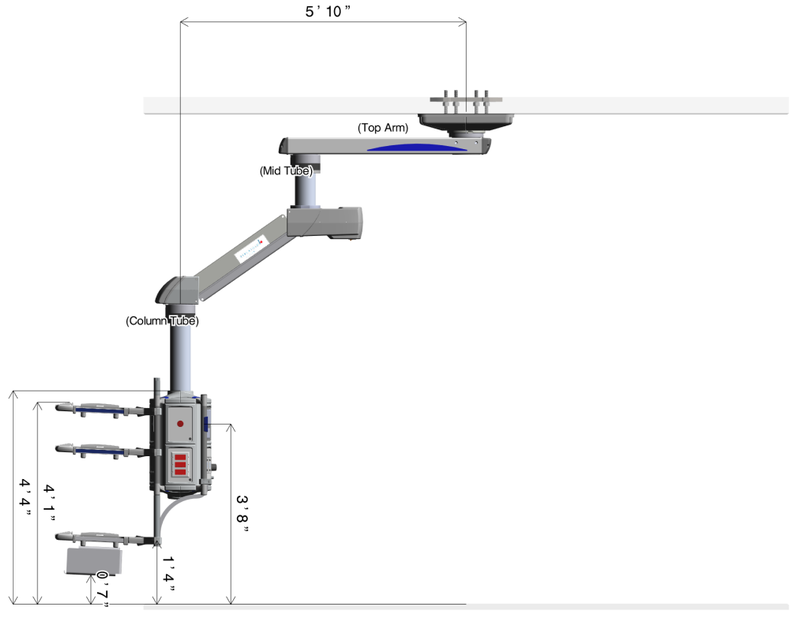
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 3
DWG Rev No.: 1	Page No.: 2
DWG No.: 76713T001	

TELETOM ® EQUIPMENT BOOM (6 Series Electric Power TP-622)





MAIN TELETOM

Brake System	Electric
Rail Type	Fairfield (Lifespan) Rails
Upper Arm Length	1000mm
Mid Tube Length	200mm
Column Tube Length	500mm
Extension Pole	Top and Bottom Extensions
Weight Capacity (see note 5)	255 lbs.
Total Throat Used (%)	98

MAIN TELETOM PLATFORMS

Description	With LED Back Light
Platform Control Location: Platform 2	
Equipment Support Pos. 1: Conform Platform	No
Equipment Support Pos. 2: Conform Platform	No
Equipment Support Pos. 3: Conform Platform / ESU Combo	No

ACCESSORIES

For a complete list of accessories please refer to your quote.

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

NOTES:

1. For weights, moments and installation details, please refer to the Stryker TELETOM® or CHROMOPHARE® Pre-installation Manuals.
2. It is the owners responsibility to provide the support structure to meet requirements listed in the Pre-Install Manual.
3. Bottom of Stryker mounting plate must be installed at 3.0" above finished ceiling plane. All vertical boom dimensions shown in drawing are dependent on this requirement.
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+1 5157796381

Project:	
Customer: YORK GENERAL HOSPITAL	
City: YORK	State: NE
Equip ID: TP-622	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 2
DWG Rev No.: 1	Page No.: 3
DWG No.: 76713T002	

TELETOM ® EQUIPMENT BOOM (6 Series Electric Power TP-622)

FRONT

CKT: 1
CKT: 1
CKT: 1
CKT: 2
CKT: 2
CKT: 2

CO2
Blank
Blank
Dist. Board
LV 29mm: 1

Emergency Stop
CKT: 0
CKT: 0
CKT: 3
CKT: 3
CKT: 3

RIGHT

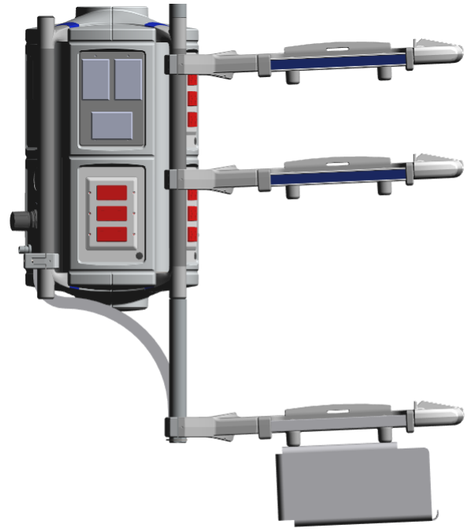
Blank
Blank
Blank
VAC
VAC

REAR

Blank
Blank
Blank
LV 29mm: 1
Nitrogen Control Panel

Blank
Blank
Blank
LV 29mm: 1
CKT: 4
CKT: 4
CKT: 4

LEFT



GAS OUTLETS

QTY	GAS	KEY STYLE	MANUFACTURER
1	Carbon Dioxide	D.I.S.S.	Beacon Medaes
2	Vacuum	D.I.S.S.	Beacon Medaes
1	Nitrogen Control Panel	D.I.S.S.	Tri-Tech

HIGH VOLTAGE

Main Power Type:	Isolated

Circuit No. / Power Type / Receptacles / Transfer Switch

1 / Emergency / Red Duplex / Red Duplex / Red Duplex / A
2 / Emergency / Red Duplex / Red Duplex / Red Duplex / A
3 / Emergency / Red Duplex / Red Duplex / Red Duplex / A
4 / Emergency / Red Duplex / Red Duplex / Red Duplex / A
5 / Emergency/ Motor and Brake / A

CIRCUIT TOTALS

QTY	Description
4	20A Emergency Circuits
1	Circuit for Motor and Brake

BLANKS	
11	Total Gas and Low Voltage Blanks

VIDEO INTEGRATOR: Stryker

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

NOTES:
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Sales Representative :
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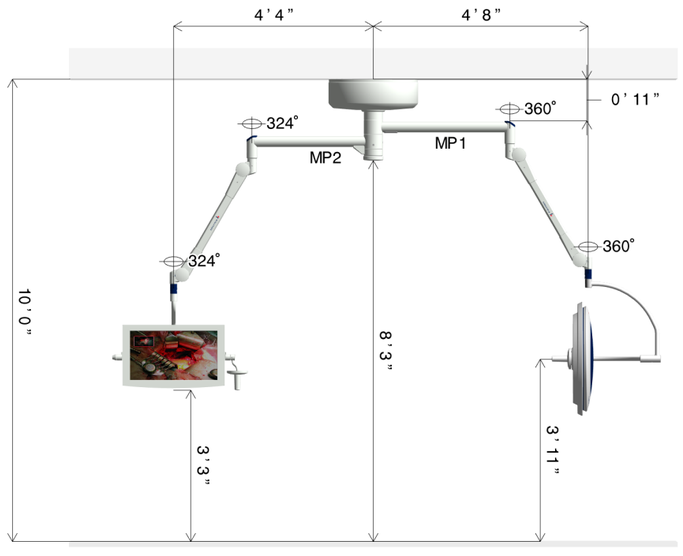
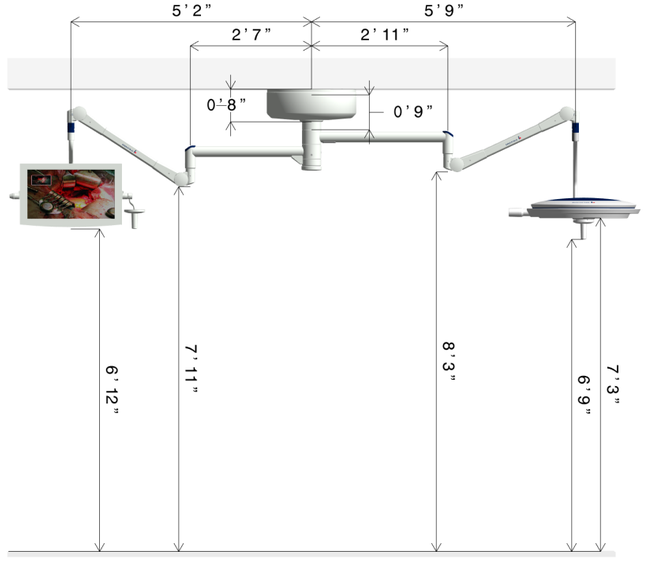
+1 5157796381

Project:	
Customer: YORK GENERAL HOSPITAL	
City: YORK	State: NE
Equip ID: TP-622	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 2
DWG Rev No.: 1	Page No.: 4
DWG No.: 76713T002	

CHROMOPHARE ® SURGICAL LIGHT / FLAT PANEL ARM (F 628/SFP)





MAIN MOUNT
Ceiling Cover: CB 5423004 590x197 TD 125mm
Tube Length: 230
Elektronics in SK Box: Yes
Wall Control: Yes
Control Unit Type: Keypad
Camera Type: HD SD-SDI / Widescreen HD
Central Endo Light: No

ARM NO.1 (MP1)
Equipment: F 628
Arm Length: 900
Cardanic: Classic
Dual Control: No
Main Voltage: 120VAC

ATM NO.2 (MP2)
Equipment: SFP
Arm Length: 800
Video Bundle: Stryker

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
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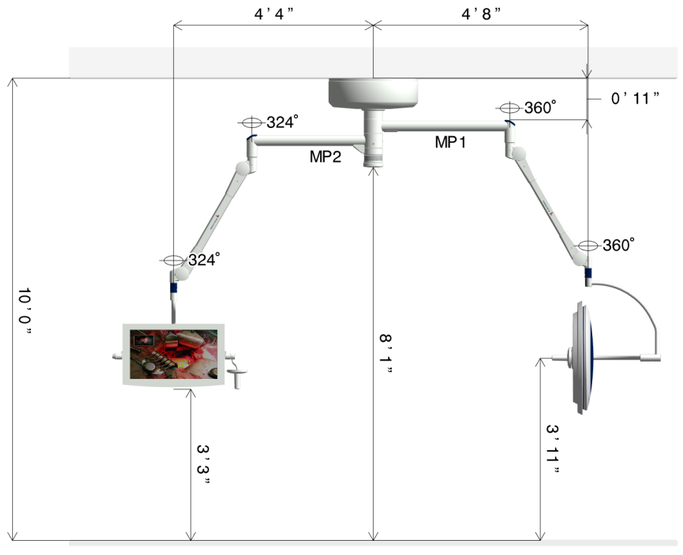
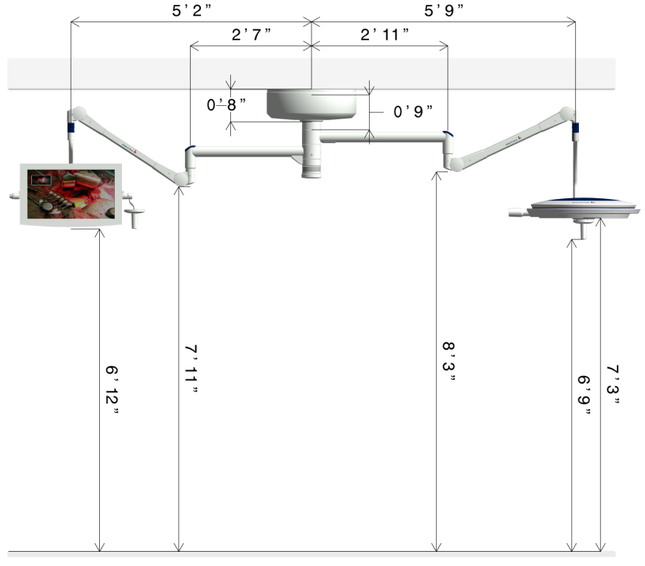
City: YORK	State: NE
Equip ID:	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 2
DWG Rev No.: 3	Page No.: 5
DWG No.: 76713C001	

CHROMOPHARE ® SURGICAL LIGHT / FLAT PANEL ARM (F 628/SFP)





MAIN MOUNT
Ceiling Cover: CB 5423004 590x197 TD 125mm
Tube Length: 230
Elektronics in SK Box: Yes
Wall Control: Yes
Control Unit Type: Keypad
Central Endo Light: Yes

ARM NO.1 (MP1)
Equipment: F 628
Arm Length: 900
Cardanic: Classic
Dual Control: No
Main Voltage: 120VAC

ATM NO.2 (MP2)
Equipment: SFP
Arm Length: 800
Video Bundle: Stryker

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

NOTES:
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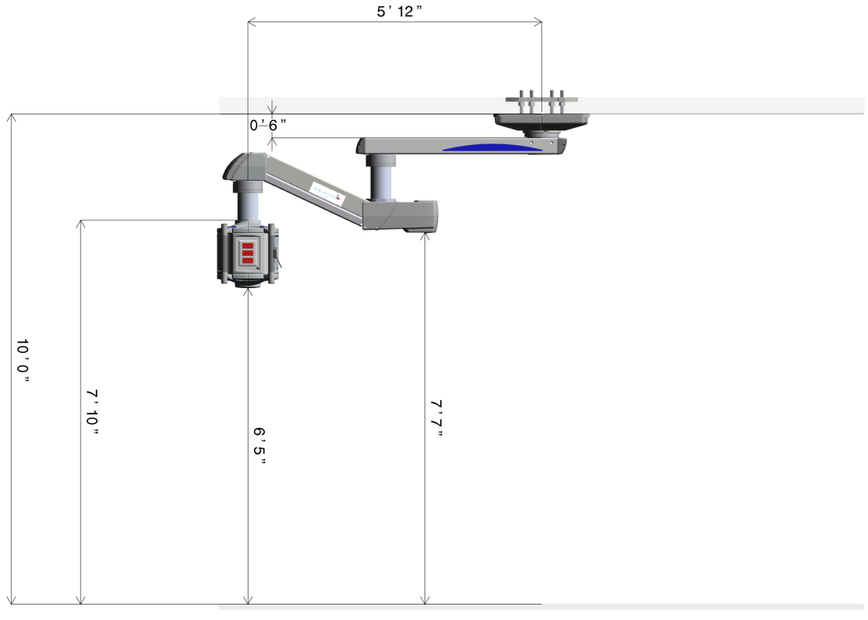
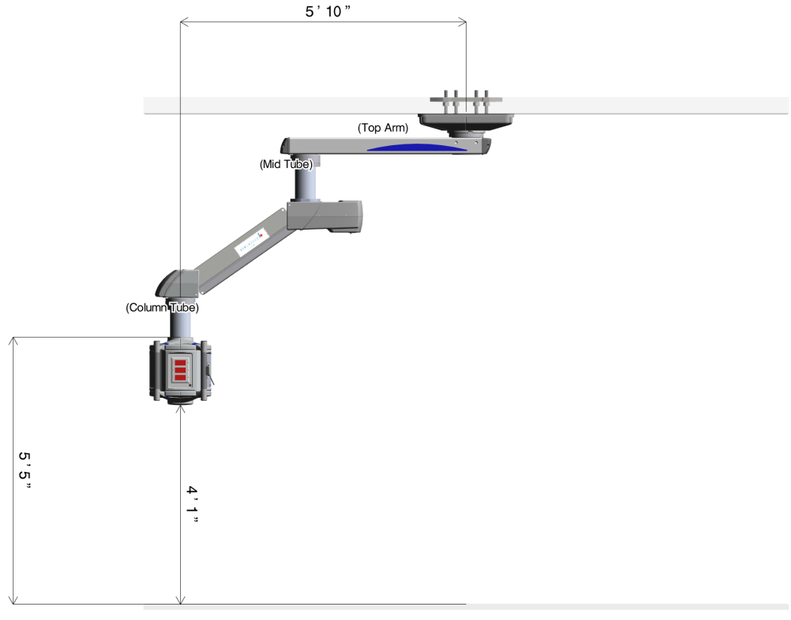
City: YORK	State: NE
Equip ID:	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 2
DWG Rev No.: 3	Page No.: 6
DWG No.: 76713C002	

TELETOM ® MINOR PROCEDURE BOOM (6 Series Manual Power TM-612)





MAIN TELETOM

Brake System	Friction
Rail Type	Fairfield (Lifespan) Rails
Upper Arm Length	1000mm
Mid Tube Length	200mm
Column Tube Length	250mm
Extension Pole	No Extension Pole
Weight Capacity (see note 5)	25 lbs.
Total Throat Used (%)	66

ACCESSORIES

For a complete list of accessories please refer to your quote.

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Project:	
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City: YORK	State: NE
Equip ID: TM-612	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 1
DWG Rev No.: 2	Page No.: 7
DWG No.: 76713T003	

TELETOM ® MINOR PROCEDURE BOOM (6 Series Manual Power TM-612)

FRONT

CO2

Blank
Blank
Blank
LV 29mm: 3

CKT: 1
CKT: 1
CKT: 1

RIGHT

REAR

VAC

VAC

CKT: 2
CKT: 2
CKT: 3

LEFT

GAS OUTLETS

QTY	GAS	KEY STYLE	MANUFACTURER
1	Carbon Dioxide	D.I.S.S.	Beacon Medaes
2	Vacuum	D.I.S.S.	Beacon Medaes

HIGH VOLTAGE

Main Power Type:	Isolated

Circuit No. / Power Type / Receptacles / Transfer Switch

1 / Emergency / Red Duplex / Red Duplex / Red Duplex / A
2 / Emergency / Red Duplex / Red Duplex / A
3 / Emergency / Red Duplex Dedicated / A

CIRCUIT TOTALS

QTY	Description
2	20A Emergency Circuits
1	20A Dedicated Emergency Circuits

BLANKS	
3	Total Gas and Low Voltage Blanks

VIDEO INTEGRATOR: Stryker

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

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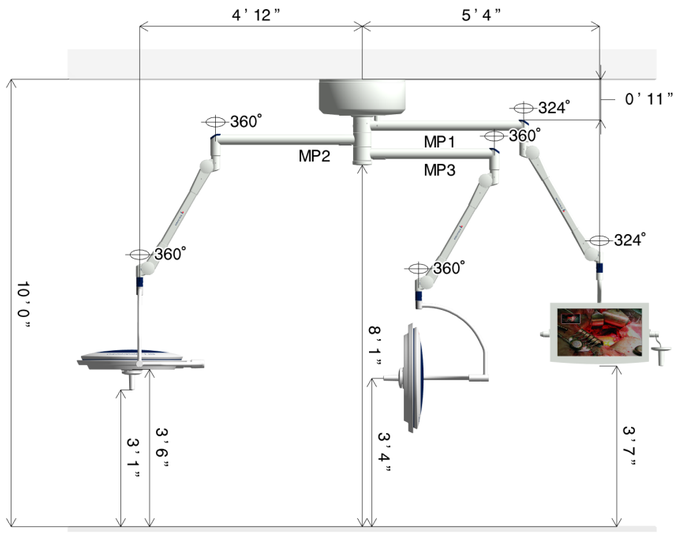
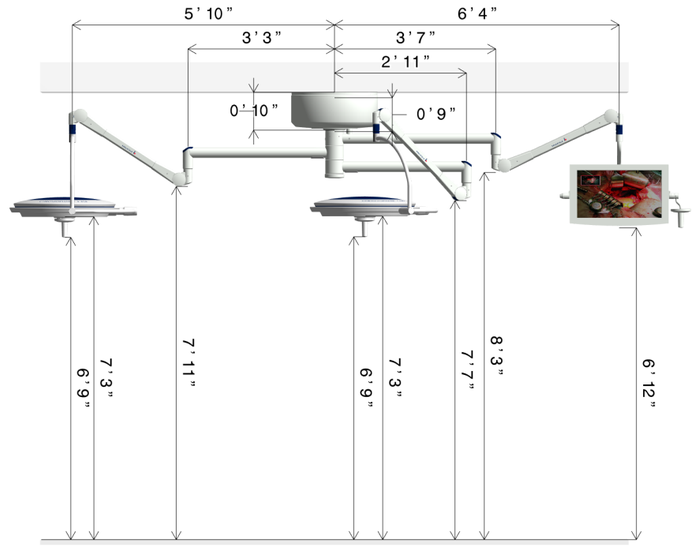
City: YORK	State: NE
Equip ID: TM-612	
Group Name:	
Quote No.: 76713	Quote Rev No.: 4
Quote Date: 11-11-2015	QTY: 1
DWG Rev No.: 2	Page No.: 8
DWG No.: 76713T003	

CHROMOPHARE ® MINOR PROCEDURE ROOM - TRIPLE SUSPENSION (SFP/F 628/F 628)





MAIN MOUNT
Ceiling Cover: CB 6428504 590x240 TD 125mm_310mm_Cable on top
Tube Length: 230
Elektronics in SK Box: Yes
Wall Control: Yes
Control Unit Type: Keypad
Central Endo Light: No

ARM NO.1 (MP1)
Equipment: SFP
Arm Length: 1100
Video Bundle: Stryker

ARM NO.2 (MP2)
Equipment: F 628
Arm Length: 1000
Cardanic: Classic
Dual Control: No
Main Voltage: 120VAC

ARM NO.3 (MP3)
Equipment: F 628
Arm Length: 900
Cardanic: Classic
Dual Control: No
Main Voltage: 120VAC

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CUSTOMER APPROVALS	SIGNATURE	PRINT NAME & TITLE	DATE
CLINICAL REPRESENTATIVE			
FACILITY ENGINEERING			

NOTES:
1. For weights, moments and installation details, please refer to the Stryker TELETOM® or CHROMOPHARE® Pre-installation Manuals.
2. It is the owners responsibility to provide the support structure to meet requirements listed in the Pre-Install Manual.
3. Bottom of Stryker mounting plate must be installed at 3.0" above finished ceiling plane. All vertical boom dimensions shown in drawing are dependent on this requirement.

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Project:	
Customer: YORK GENERAL HOSPITAL	
City: YORK	State: NE
Equip ID:	
Group Name:	
Quote No.: 77131	Quote Rev No.: 1
Quote Date:	QTY: 1
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