# Jefferson Office Park <br> Office Building Type 1 <br> 1030 Johnson Road 

Golden, Colorado 80219


## Wall Types




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 Sind













(1)









(5) meine
 Sid






A1

## Wall Types




























(1)









(5) meine



(8)






## Wall Types




























(1)









(5) meine




Shan and antationin
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$\square$

3
Women's Toilet Room Elevations




A7


## Door Schedule




Finish Schedule


\section*{| 늧 |
| :--- |
| 0 |
| $\pm$ |
| 0 |
| 0 |
| 0 |
| 0 |
| 0 |}




3 South Elevation $\qquad$

(1) West Elevation

$\qquad$ scale $1 / 8^{*}-1=0$



(2) Building Section


(1) Building section




Haezebrouck \& Associates, P.C.
Architects
1543 Sunset Ridge Road
Highlands Ranch, Colorado $\begin{aligned} & \text { FAX 301206-2681 } \\ & \text { 303.470.7874 } \\ & \text { j.f.haezebrobrouck@comcast.net }\end{aligned}$
(1) Typical Wall Section ${\text { Scaee } 1 / 2^{2} \cdot 1-\sigma}^{1-0}$ $\qquad$



(3) Typical Wall Section
of



(5) Wall Capital Detail


1
Parapet Detail


2
Window Head Detail

(3) Window Sill Detail ${ }_{\text {scale: } 1 / 1 / 2^{2-}-1-0^{\circ}}$

$\qquad$











S2.2


ROOF FRAMING PLAN


STEEL ROOF DECK NOTE



$\uparrow \quad$ (3) SPAN CONTTMUOUS (MN)
(3) SPAN CONTMUNU





(S3.0) TYPICAL FOUNDATION WALL DETAIL

(53.0) FOUNDATION WALLL DETAIL

( 3 (3.0) FOUNDATION WALL DETAIL


Architects
1543 Sunset Ridge Road
Highlands Ranch, Colorado $\begin{aligned} & \text { FAX } 30320.47-2681 \\ & \text { 303.470.7872 } \\ & \text { j.f.haezebrouck@comcast.net }\end{aligned}$

4 FDN. WALL DETAIL AT BRICK




S3.0
且
TH=-=-1

PLAN

PLAN
PLAN


PLAN

ELEYATION



©



(S3.2) TYP. COMPOSITE METAL DECK CLOSURE

(5 53.2 TYP. COMPOSITE SLAB ADDITIONAL REINF.


$(323)$ | TYP COMTPOSTE METAL DECC CLOSURE |
| :--- |
| DECK SPAN PARALEL |



## (6) TYP. SHEAR CONN. SPACING CRITERIA



TYP. COMPOSITE METAL DECK CLOSURE FOR
SLABEDGE - DECK SPAN TRANSVERSE TO BEAM


TYP COMPOSITE METAL DECK CLOSUR 4TP COMPOSITE METAL DECK CLOSURE

## S3.2) 314.2 AT ALL OPENNGS




( 2 ( 33 FRAMING DETAIL
(1) FRAMING DETAIL

(53.3) BEAM CONNECTION DETAIL $\qquad$ ( 533 FRAMING DETAIL


VIEW A-A


[^0](3 FRAMING DETAIL




(9) FRAMING DETAIL
 (18) ROOF JOIST BEARING DETAIL

(13 RTU SLAB EDGE DETAIL
533
(14) RTU SLAB EDGE DETAIL

Y|EW $A-A$
(8) FRAMING DETAIL




S3.3

| COLUMN SCHEDULE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} c-1,9 \\ J-1,9 \end{gathered}$ | $\begin{aligned} & A-2,3,7,8 \\ & =-1,9 \\ & G-1,9 \\ & k-2,3,7,8 \end{aligned}$ | $\begin{aligned} & c-2,8 \\ & J-2,8 \end{aligned}$ | $k .5$ |
|  |  |  |  |  |
|  |  |  | ( | (1) |
| LEVEL $3>\frac{127^{\prime}-8^{\prime \prime}}{\text { T.O. STEEL }}$ |  | (1) | (1) |  |
|  |  |  |  |  |
|  |  |  |  |  |

$$
\begin{aligned}
& \text { W L4x8O FRAME BEAM }
\end{aligned}
$$

$$
\begin{aligned}
& \text { (34.0) FRAME FLANGE BRACE }
\end{aligned}
$$


©
© $\qquad$


| AIR DEVICE SCHEDULE |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| striba | TTPE | trus moek | Frame | matreal | FNSH |  | ACCESSores | remares |
| CD－1 | ${ }_{\text {cemen }}^{\text {cifluct }}$ | toc | Lar－w | STEEL |  | NOVE |  | REMOVABLE CORE；BLANK－OFF MAFLE PATTERN UNLESS |
| co－2 |  | TDC | Fanke | Steel |  |  |  | REMOVABLE CORE；BLANK－OFF BAFFLES WHERE SHOWN， 4－WAY PATTERN UNLES OTHERWISE SHOWN |
| ${ }^{C G-1}$ | ${ }_{\text {cemme }}^{\text {cenlile }}$ | ${ }^{\text {50F }}$ | Lat－n | Aluminu |  | NONE | －－－ |  |
| $C^{\text {cR－1 }}$ |  | ${ }^{\text {50F }}$ | FLANGE | Aluminm |  |  | －－－ |  |
| sR－1 |  | 278 L | Fanke | ${ }^{\text {steel }}$ | $\begin{gathered} \text { Buk } \\ \text { Butide } \end{gathered}$ | $\underset{\substack{\text { Opossed } \\ \text { BASE }}}{\text { a }}$ | －－－ |  Horzoital face tars |
|  |  |  |  |  |  |  |  |  |


| EXHAUST FAN SCHEDULE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| smmea | $\underset{\text { TPNE }}{\text { F／}}$ | strvice | MFR | Mooel | $\substack{\text { WHEL } \\ \text { Dic } \\ \text { N }}$ | $\underbrace{\text { cma }}_{\text {e }}$ |  |  | Sones | MN HP | Elec | ${ }_{\text {TrPVE }}^{\text {Prem }}$ | ${ }_{\text {datamer }}^{\text {daper }}$ | remarks |
| EE－1 |  | Tolet exh | ACME | puso | 15 | ${ }_{1,46}$ | 1.0 | 1,26 | 12.0 | 3／4 | $400-30$ | вelt | вассбסAT |  |


| Variable Alr volume unit schedule |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MFR | Mooel | M MEt | ${ }^{\text {UNT T TPE }}$ |  |  |  |  |  |  | CFM$@ 5300^{\prime}$ | fan dat |  |  | HeA |  |
|  |  |  |  |  |  |  |  |  |  |  |  | ckick | НР | Elec | kN | ELEC |
| vav－1 | TRNE | VCEF－8 | $8{ }^{\circ}$ | r | －－－ | 700 | 220 | －－－ | ${ }^{24}$ | 25 | －－－ | －－－ | －－－ | －－－ | －－－ | －－－ |
| FP8－1 | Trene | veek－08 | $8{ }^{\prime \prime}$ | －－－ | r | 800 | ${ }_{5} 5$ | 200 | 27 | ${ }^{35}$ | 925 | 0.5 | 1／3 | $\mathrm{V}-10$ | 6.0 | 4802 |


| Electric CABINET UNIT HEATER |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| smiba | MFR | Mooel | Arrancernet |  | kN | ${ }^{\text {¢ }}$－${ }^{\text {cma }}$ | FAA Mator ${ }_{\text {Mats }}$ | Elec |
| ECCH | TRANE | FFFB64 | ${ }_{\text {V }}^{\text {VERTCAL }}$ | －－－ | 6.0 | 380 | 104 Watts | ${ }^{27 T N-16}$ |


| HVAC LEGEND |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Not All ITMMS LISTED BELOW ARE USED ON THIS SET OF HVAC DRAWMIGS |  |  |  |  |  |
| NG |  | PIPING SYMBOLS |  | Na STrbous |  |
| smbal | HOT WATER SUPPLYHOT WATER RETURN CHILLED WATER SUPP | $\rightarrow$ | Cancentrc revicer |  | Butterli valve |
|  |  | － | ECCCATRCC REDUCRR | 0 | Ball valve |
|  |  | 二気 |  | $\Longrightarrow 』$ | Hose En dean valve |
|  |  | $\times$ |  |  | STRANER MTH |
|  |  | $\cdots$ | FLLCNTEASURING Devt |  | unow |
|  |  |  | ${ }^{\text {PPuG VaLle }}$ | Q | Pressur Gave |
| 三吅三 |  | 凶 |  | 4 |  |
| －RL |  | －为－ |  | $\nsim-$ | SAAETr RELIEF Valve |
|  |  | 二离— | PRESSURE REDUCIN | Q | PuMP |
| Smmon pinc smbile |  |  | ， |  |  |
|  | DIRECTION OF FLOW | － 4 | Suntry | $\otimes$ | Treap |
|  |  |  |  | $\otimes$ |  |
|  | （1） |  | CCK VAVE | 回 |  |
| $\square$ | PIPING UP <br> PIPING DOWN |  |  | $\stackrel{ }{ }$ | mandal ar vert |
|  |  | DOUBEE LINE DUCTWORK |  | STMGELELE DUCTMORK |  |
|  |  | $\square \quad$ V |  | I |  |
| $\dagger$ | REFERENCE BUBBLE <br>  | $\square \square$ | Rectavelur supar | $\checkmark$ | RECANGUAR SUPELT |
|  |  |  | Rect retervex |  | Recteretever |
| EQUP聿 |  |  |  |  |  |
| －u－ | $\begin{aligned} & \text { EKGITNG TO BE } \\ & \text { REMOVVDO } \\ & \text { UNDRECUT DOOR } \end{aligned}$ | $\frac{i}{80}$ |  | $\checkmark$ |  |
| $\bigcirc$ |  | $\bigcirc$ | round duct |  | RaND Duct ur |
| CONTROL DEVICES AND DAMPERSSYMBOL DESCRIPTION |  | － 0 | Duct down | 3 | vo Duct Dan |
|  |  | $5$ |  |  | granch icit |
| $\begin{aligned} & \oplus+ \\ & \stackrel{(9)}{ } \end{aligned}$ | HUMIDISTAT <br> PRESSURE SENSOR | $\sqrt[7]{18}$ |  | $\downarrow$ |  |
| （5） | SEASOR |  |  |  |  |
| $\stackrel{( }{\square}$ | THERMOSTATUNIT MOUNTEDTHERMOSTAT |  | Duct | J |  |
| $\nabla$ |  |  |  |  | duct transtion |
| \＄x |  |  | Pucknsitan |  |  |
| $\stackrel{\theta}{0}$ |  | $51 \pi \mid$ | ${ }_{\text {coix }}^{\text {cox }}$ | $n$ |  |
|  |  |  |  |  | FITTING WDDAMPER FLEXIBLE DUCT |
| ㅁ |  |  |  | $\simeq$ |  |
| ABBREVIATIONS |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |




## SHEET NOTES

(1) PROVDEE'L'SHAED RETVRN AIR DUCT FULL SIE OF RETURN
(2) 1010 EXAAUST UP FROM BELON, $14 / 14$ EXAAUST UP To FLOOR ABOVE
(3) $84 / 24$ RETURN DOWN FROM ABOVE, $62 / 24$ DOWN TO FLOOR BELON




ROOF FLOOR PLAN - HVAC



| 2 | FIRE AND SMOKE DAMPER DETAIL |
| :---: | :---: |
| M3.1 | NOT To SCAIE |



3
M3.1)
ROOT TO SCALE
NHAUST FAN DETAIL

(4.1) FAN POWNERED VAV BOX DETAIL
MOT TO SCALE
MCDONALD CONSULTING + DESIGN
CONSULTN MECHANCOLNNONERS

M3.1

| PLUMBING FIXTURE SCHEDULE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KET | Descripton | manje | rooel | comections |  |  |  | Remakrs | KEY | Descripton | manuF | мо0E | canections |  |  |  |
|  |  |  |  | TRAP | W V | ${ }^{\text {cw }}$ | HTW |  |  |  |  |  | tRAP | w V Cw |  |  |
| Enc- |  |  |  | $11 / 4$ | $2^{\prime \prime} 2^{\prime}$ | 112 | -- | 2,3 | UR-1 | NAL L LME VRIML subport $\operatorname{CARERER}$ |  |  | NT. | $2^{1 / 22^{\prime \prime}} 3 / 44^{4}$ | -- | 2 |
| L-1 |  |  |  | $11 / 4{ }^{\prime \prime}$ | $2^{1} 2^{1}$ | 21 $12{ }^{1}$ | $1 / 2^{\prime}$ | 2 | wC-1 |  |  |  | NT. | $4^{4} 2^{\prime \prime} 112^{\text {a }}$ | -- | 2 |
| MSE-1 |  |  |  | ${ }^{3}$ |  | $12^{\prime}$ | 121 | 6 | WC-2 |  |  |  | wT. |  | -- | - |
| NOTES: A.) REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT ELEVATIONS OF ALL PLUMBING FIXTURES PRIOR TO INSTALLATION. <br>  <br>  <br>  <br>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  <br>  <br>  <br>  <br>  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| PLUMBING EQUIPMENT SCHEDULE |  |  |
| :---: | :---: | :---: |
| ker | DEscrpion | Basis of desian |
| sco-1 |  |  |
| fo-1 | FLCOR DRAN |  |
| Bfp-1 |  |  <br>  |
| wn-1 | nall hropant | HOODFORD MOOEL BGS SERRES BOX TTPE, AUUOMATCC DRAMMG REEEE- <br>  |
| AD-1 | AREA DRAN |  |



| DOMESTIC WATER HEATER SCHEDULE |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| strmeal | MFR | MooEL |  |  |  |  | ${ }_{\text {ELEMENT }}^{\text {KNT }}$ | Elec |
| EwH-1, 263 | BAMMEOPD | L-2003-3 | 20 | 40 | 120 | ${ }^{23}$ | 4.5 | 4800-39 |
|  |  |  |  |  |  |  |  |  |




P1.1
(1) REFER To CIVIL DRAWINGs For Continuation
(2) ${ }^{6}{ }_{\text {ABBVIRE }}$ FiRE LINE UP THROUGH SLAB TO FIRE SERVICE ENTRRANC
(3) $2^{\prime \prime}$ cW LINE UP THROUGH sLaB to backFLow preventer
(4) 4 ' rain leader donn from above



SHEET NOTES
ICE BY XCEL ENERGY, CONTRACTOR To
 (4) TO FRE SpRNKLERS, REER TO RIRE PROTECTION CONTRACTOR (5) 2 " WATER SERVICE ENTERANCE AND BACKFLOW PREVENTER
(7) 4t RLAND ORL DONN FROM



## Jefferson Office Park Officee Building Type 1 1o30. oonsnos Road Golden, Colorado 80219




SHEET NOTES
(1) $2 z^{\prime \prime}$ gas LINE UP AND DONN
(2) $V_{1 \prime}$ cw UP FROM BELOW, II" $c W$ UP TO FLOOR ABOVE
(3) $4^{\prime \prime}$ RLIORL UP AND DONN

## SHEET NOTES

(1) $2 k^{\prime \prime}$ GAS LINE UP AND DONN
(2) 4 " 4 RA UP LROM LEADER AND



SHEET NOTES
(1) $2 z^{\prime \prime}$ GAS UP THROUGH ROOF FROM BELOW




| (1) GAS PIPING THRU ROOF AND ROOF SUPPORT DETAIL |
| :---: |
| P3.1. |
| NOT To SCALE |


| 2 | REDUCED PRESSURE BACKFLOW PREVENTER DETAIL |
| :---: | :---: |
| P3.1 | NOT To scale |

(3) ELECTRIC WATER HEATER DETAIL


4 FIRE SERVICE ENTRY DETAIL

-


MCDONALD CONSULTING + DESIGN



WASTE AND VENT RISER DIAGRAM



## ELECTRICAL NOTES












 EaUument, MRNG AND DEVCES SHONN ARE NN













 COORDNATON



 nReng and Convur










## 

 meve condut runs
 bevces
-


| $\frac{\text { DEVCE }}{\text { DERE }}$ |  | Mobe |
| :---: | :---: | :---: |
|  | Hubet | city |
|  | Hueb | - 4 Hiblize |
| S-MAr sirch |  |  |
| Cicho cupacr sencor | MATT STo | cincin |
| MCANESEENDMMER | Lurrow | Notetere |






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MECHANCA E EOUNMN NTT

## 



 MECHMCALCOMTRACTOR SHALLPROMDE STARTERS FOR MECAMNCAL



 EELEFONE DATA AND CABEE OUTLETS

 TCHEN REWUREMENTS

 IGting




 EECTRC UTUTT COMPANT


 Etrict Aiven







| LIGHTING FIXTURE SCHEDULE |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DEESRRPTIONOF LIMMARE |  |  |  | LUMNARE SPECIFICATION |  |  |  |
| 10 | DESCRPTION | FMSH | MOUnTING NFO | MANTFACTUER | CATALOG NMMER | LAMP（S） | Voltage |
| A | REEESEEEF FLOREECENT | CEAR ALZAK | EESSED | delray | 0．2E | 26 NTT | 271 |
| A－EM |  | ＿ZAK | RECESSED | delrar | H623．302．2EM | 26NTT | 271 |
| в | 4 STRP FLUORESCENT | nHTE | SURACE／CHAN | Columba | C54－232－EJ | （2）F32TB | 271 |
| c | Pendantlight | Er architect | $\begin{array}{\|c\|} \hline \text { PENTANT TO 8' } \\ \text { (VERIFY WITH } \\ \text { ARCHITECT) } \\ \hline \end{array}$ | teronlighting |  | （6）3an ft | 271 |
| － | WNTY LGHT | NHTE | Abovemirror | oxteen | 5106－24 | （2） 28 75 5 | 271 |
| F | 4 WALL Fuorescent | nHTE |  | columba | N4－232－E1 | （2）F3278 | 271 |
| f－EM | $\begin{gathered} \text { 4' WALL MOUNTED FLUORESCENT } \\ \text { WITH EMERGENCY BATTERY } \\ \text { PACK } \\ \hline \end{gathered}$ | мнTE | $\begin{gathered} \text { T'AFF VYRRFT } \\ \text { ARCHTHECT) } \\ \hline \end{gathered}$ | COLMMEA | N4－232－EUEEL | （2） 532 TB | 271 |
| EXTERIOR LIGHTING FIXTURE SCHEDULE |  |  |  |  |  |  |  |
| DESCRPPTION OF LIMMARE |  |  |  | LUMMARE SPECLICACATON |  |  |  |
| 10 | DEECRPTTON | FNSH | Onting ino M | ANTFACTURER | CATALOG NMMER | LaMP（S） | OLT |
| ${ }^{\text {AA }}$ |  SDE SHELD | DARK BRONZ | $25^{\text {POLE }}$ | KIMLGHTTMG | 1AET／4／400PM／DPB－P／HS | （1） 400 NPM | 271 |
| вв | WALL MOUNTED FULL CUTOFF | DARK bronze | NALL 0 A 40 AFF | kmLuhting | NC1 18DG／150PMH／DB－P | （1）150N Prum | 271 |
| co |  | DARK bronze | $\sim_{12}^{*+12}$ | kmLehting | NC14DE／50PMH／DE－P | （1） 50 NPMH | 271 |
| EXIT AND EMERGENCY LIGHTING FIXTURE SCHEDULE |  |  |  |  |  |  |  |
| DESCRPTTITN OF L LMMNARE |  |  |  | LUMMARE SPECIFICATION |  |  |  |
| STMBEL | DEECRPTTON | FMSH | MOUnting nfo M | MANFACTUUER | CATALOO NMMEER | LAMP（S） | Voltage |
| $\stackrel{5}{6}$ | ExTLLGHT（（NVIERSAL） | NHHTE | SEEPLAN | Extronx | （evevirnent | MCLUDED | 120／271 |
| की |  | 幺⿴囗十丌⿺𠃊 | SEEPRAN | ExTronx |  | NTCLUDED | 1201277 |
| 4 | （ MEEREECY LIGHT | ${ }_{\text {NHTE }}^{\text {NHTE }}$ | ${ }_{\text {SEEPLAN }}^{\text {SEEPLAN }}$ | $\xrightarrow{\text { ExTroux }}$ |  | $\frac{\text { NCLODED }}{\text { NCLODEEP }}$ | $\frac{120277}{1201271}$ |





（1）SECNO F FLOOR PONER PLAN








[^0]:    (11) ROOF JOIST BEARING DETAIL

