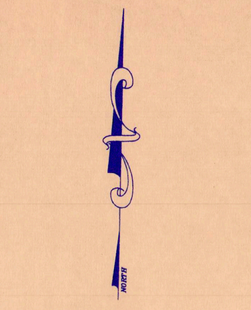
LEGAL DESCRIPTION:

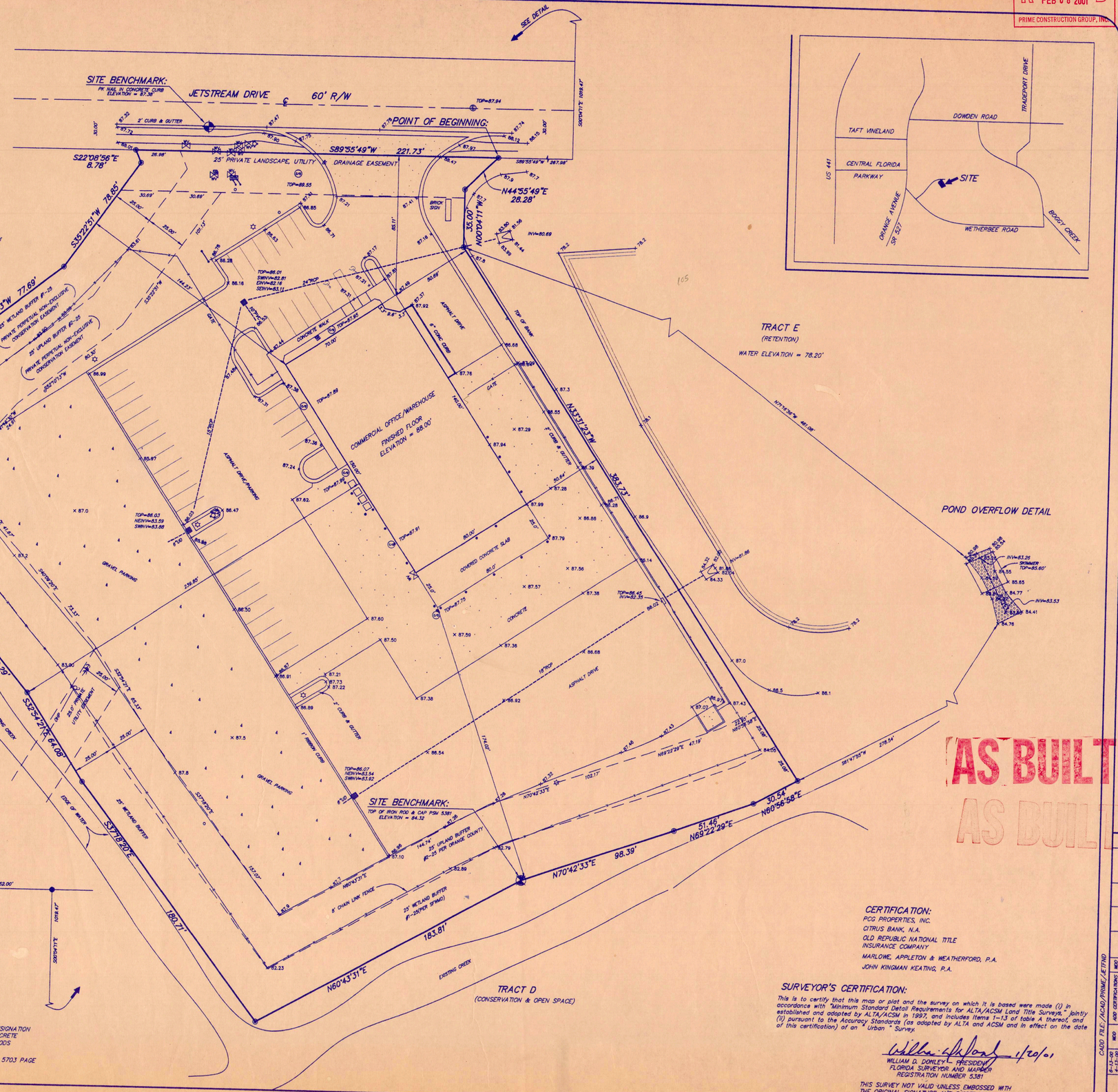
A PARCEL OF LAND LYING IN THE NORTHWEST 1/4 OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST, ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST; THENCE RUN N 89°59'27" E, ALONG THE NORTH LINE OF SAID SECTION 13, A DISTANCE OF 2247.54 FEET; THENCE DEPARTING SAID NORTH LINE RUN S 00°00'33" E, A DISTANCE OF 1345.75 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF A 120 FEET WIDE ORLANDO UTILITIES COMMISION RAILROAD RIGHT OF WAY; THENCE RUN ALONG SAID SOUTHERLY RIGHT OF WAY THE FOLLOWING COURSES AND DISTANCES; N 89°56'23" E, A DISTANCE OF 1059.64 FEET; THENCE RUN S 00°03'37" E, A DISTANCE OF 28.60 FEET; THENCE RUN N 89°59'50" E, A DISTANCE OF 752.00 FEET; THENCE DEPARTING SAID RIGHT OF WAY LINE RUN S 00°04'11" E, A DISTANCE OF 1018.47 FEET; THENCE RUN S89°55'49"W, A DISTANCE OF 267.98 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S 89°55'49" W, A DISTANCE OF 221.73 FEET; THENCE RUN S 22°08'56" E, A DISTANCE OF 8.78 FEET; THENCE RUN S 35°22'51" W, A DISTANCE OF 78.85 FEET; THENCE RUN S 52°01'13" W, A DISTANCE OF 77.69 FEET; THENCE RUN S 41°16'30" W, A DISTANCE OF 43.12 FEET; THENCE RUN S 11°10'34" W, A DISTANCE OF 79.66 FEET; THENCE RUN S 42°09'04" E, A DISTANCE OF 65.91 FEET; THENCE RUN S 40°09'20" E, A DISTANCE OF 69.29 FEET; THENCE RUN S 32°54'21" E, A DISTANCE OF 64.08 FEET; THENCE RUN S 37°18'20" E, A DISTANCE OF 180.71 FEET; THENCE RUN N 60°43'31" E, A DISTANCE OF 183.81 FEET; THENCE RUN N 70°42'33" E, A DISTANCE OF 98.39 FEET; THENCE RUN N 69°22'29" E, A DISTANCE OF 51.46 FEET; THENCE RUN N 60°56'58" E, A DISTANCE OF 30.54 FEET; THENCE RUN N 33°31'23" W, A DISTANCE OF 383.73 FEET; THENCE RUN N 00°04'11" W, A DISTANCE OF 35.00 FEET; THENCE RUN N 44°55'49" E, A DISTANCE OF 28.28 FEET TO THE POINT OF BEGINNING.

CONTAINING: 174,325.50 SQUARE FEET/4.00 ACRES.

THE ABOVE DESCRIBED PARCEL BEING MORE PARTICULARLY DESCRIBED AS:
LOT 7, JETPORT ADDITION NO. 1, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 44, PAGES 29 – 34, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.





LEGEND:

- HALOGEN LIGHT
- SITE BENCHMARK
- MANHOLE
- TELEPHONE CABINET
- 100.0 SPOT ELEVATION
- WV WATER VALVE
- METAL LIGHT POLE
- ELECTRIC RISER
- POWER POLE
- FIRE HYDRANT
- WATER METER
- ROAD SIGN
- MITERED END SECTION
- TELEPHONE WARNING MARKER
- —91— EXISTING CONTOUR
- —TV— BURIED CABLE TELEVISION LINE
- —T— BURIED TELEPHONE LINE
- —P— BURIED POWER LINE
- —W— BURIED WATER LINE
- —G— BURIED GAS LINE
- —OH— OVERHEAD POWER LINE
- TB-2 SOIL BORING SITE

- SET 5/8" IRON ROD (LS 5381)
- FOUND 1/2" IRON ROD LB 1221
- FOUND NAIL & DISK LB 3897

ABBREVIATIONS:

CALC – CALCULATED
CH – CHORD
CH BRG – CHORD BEARING
EL/ELEV – ELEVATION
INV – INVERT
LB – LICENSED BUSINESS
LS – LAND SURVEYOR
OR – OFFICIAL RECORDS BOOK
PC – POINT OF CURVATURE
PI – POINT OF INTERSECTION
PT – POINT OF TANGENCY
PVC – POLYVINYLCHLORIDE PIPE
ERCP – ELLIPTICAL REINFORCED CONCRETE PIPE
RCP – REINFORCED CONCRETE PIPE
R/W – RIGHT-OF-WAY
Δ – DELTA (CENTRAL ANGLE)
R– RADIUS
L – ARC LENGTH
℄ – CENTERLINE

NOTES:

1. BEARINGS SHOWN HEREON ARE BASED ON THE NORTH LINE OF THE NW 1/4 OF SECTION 13–24–29 AS BEING N89°59'27"E.
2. UNDERGROUND FOUNDATIONS AND UTILITIES WERE NOT LOCATED AS A PART OF THIS SURVEY.
3. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHT-OF-WAYS, EASEMENTS, OWNERSHIP AND OTHER INSTRUMENTS OF RECORD.
4. BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS, COMMUNITY PANEL NUMBER 120179 0400 G, EFFECTIVE DATE AUGUST 5, 1986 THE PARCEL SHOWN HEREON LIES WITHIN FLOOD ZONES "A" & "C"; AND DOES LIE WITHIN THE 100 YEAR FLOOD HAZARD AREA.
5. ZONING: PLANNED UNIT DEVELOPMENT (INDUSTRIAL)
   SETBACKS:
   FRONT 35.0'
   SIDE 25.0'
   REAR 10.0'
   FROM PUD BOUNDARY 25.0'
6. ELEVATIONS BASED ON ORANGE COUNTY BENCHMARK DESIGNATION NO. D–370–037; BEING A 2" ALUMINUM DISK IN A CONCRETE HEADWALL AT THE NORTHWEST CORNER OF MEADOW WOODS PROPERTY ELEVATION = 82.065.
7. THE EASEMENT AGREEMENT AS RECORDED IN O.R. BOOK 5703 PAGE PAGE 4601 DOES NOT AFFECT THIS PARCEL.

CERTIFICATION:

PCG PROPERTIES, INC.
CITRUS BANK, N.A.
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
MARLOWE, APPLETON & WEATHERFORD, P.A.
JOHN KINGMAN KEATING, P.A.

SURVEYOR'S CERTIFICATION:

This is to certify that this map or plat and the survey on which it is based were made (i) in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA/ACSM in 1997, and includes Items 1–13 of table A thereof; and (ii) pursuant to the Accuracy Standards (as adopted by ALTA and ACSM and in effect on the date of this certification) of an " Urban " Survey.

1/20/01
WILLIAM D. DONLEY, PRESIDENT
FLORIDA SURVEYOR AND MAPPER
REGISTRATION NUMBER 5381

THIS SURVEY NOT VALID UNLESS EMBOSSED WITH THE ORIGINAL SIGNATURE AND RAISED SEAL OF

AS BUILT
AS BUILT

CADD FILE: /ACAD/PRIME/JETPD									
6-13-00	WED	ADD SECTION TIE-INS	WED						
4-13-00	WED	REVISE SURVEY & ADD CERTS	WED						
4-10-00	WED	REVISE BOUNDARY INCLUDE POND	WED	01-20-01	WED	POND DETAIL	WED		
11-11-99	WED	ADD ROW & BUILDING BUFFER	WED	11-20-00	WED	FINAL	WED		
11-1-99	WED	ADD DIRECTIONS SURVEY	WED	8-8-00	WED	FOUNDATION	WED		
8-30-99	WED								
11/8/95	DATE	DRAWN	REVISION	FB/PG	DATE	DRAWN	REVISION	CKD	

DONLEY & ASSOCIATES, INC.
SURVEYORS AND MAPPERS
420 EAST STATE ROAD 434, SUITE "F"
LONGWOOD, FLORIDA 32750
VOICE: 407.260.1818 FAX: 407.260.1848
(CERTIFICATE OF AUTHORIZATION NO. 6653)

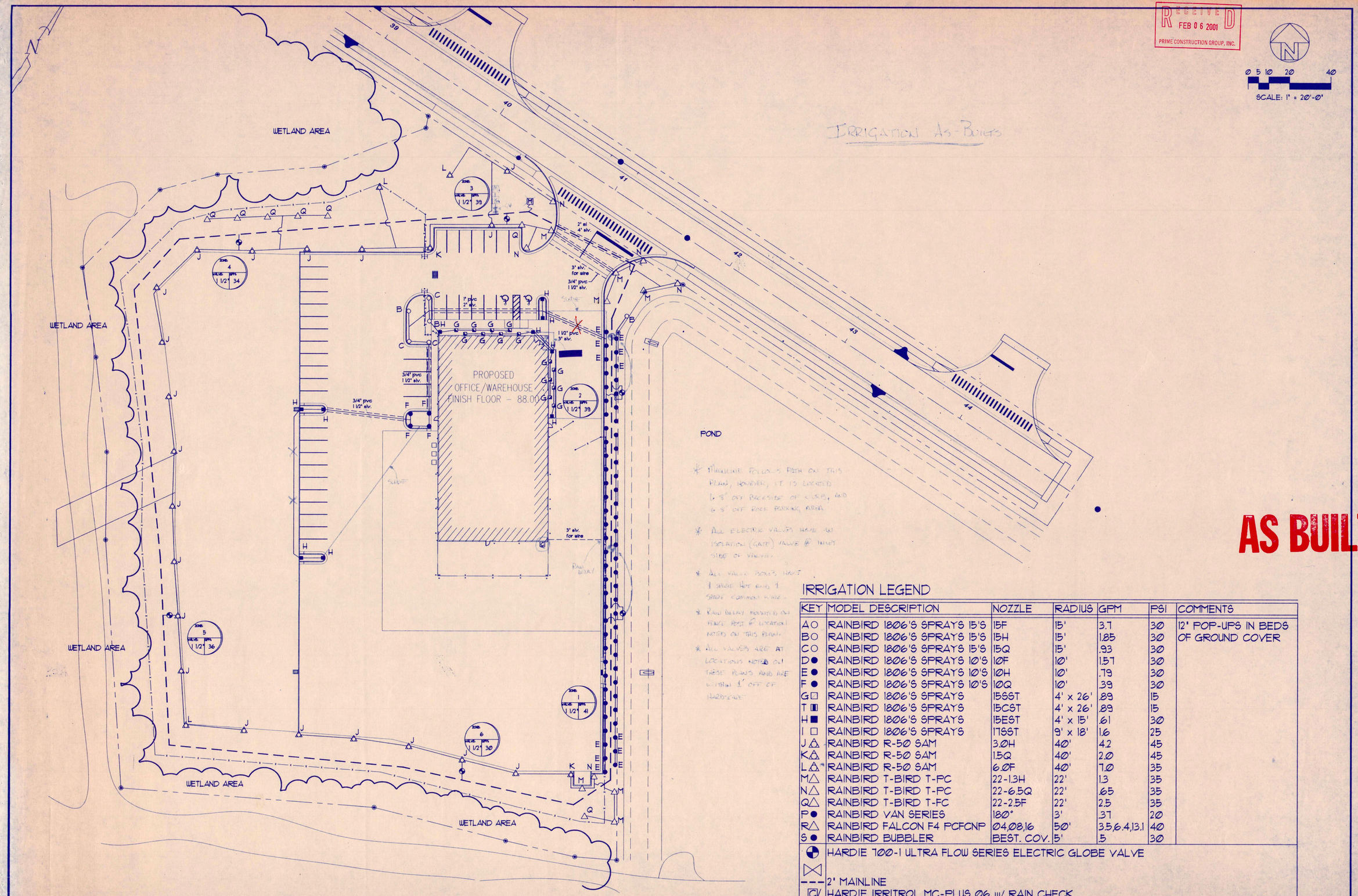
PLAT OF BOUNDARY SURVEY for:
PRIME CONSTRUCTION GROUP

LOT 7
JETPORT PARK ADDITION NO. 1
PLAT BOOK 44, PAGES 29 – 34.
SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST.
ORANGE COUNTY, FLORIDA.

SCALE	WORK ORDER	PROJECT NO.	
1" = 30'	991480 (BOUNDARY) 991480 (FOUNDATION)	300.039	1 OF 1

FILE

Final Survey + Site Asbuilts



AS BUILT

* MAINLINE FOLLOWS PATH ON THIS PLAN, HOWEVER, IT IS LOCATED 6-8' OFF BACKSIDE OF CURB, AND 6-8' OFF ROCK PARKING AREA

* ALL ELECTRIC VALVES HAVE AN ISOLATION (GATE) VALVE @ INLET SIDE OF VALVES.

* ALL VALVE BOXES HAVE 1 SPARE HOT AND 1 SPARE COMMON WIRE.

* RAIN BELT MOUNTED ON FENCE POST @ LOCATIONS NOTED ON THIS PLAN.

* ALL VALVES ARE AT LOCATIONS NOTED ON THESE PLANS AND ARE WITHIN 1' OFF OF HARDSCAPE.

IRRIGATION LEGEND

KEY	MODEL DESCRIPTION	NOZZLE	RADIUS	GPM	PSI	COMMENTS
A ○	RAINBIRD 1806'S SPRAYS 15'S	15F	15'	3.7	30	12" POP-UPS IN BEDS
B ○	RAINBIRD 1806'S SPRAYS 15'S	15H	15'	1.85	30	OF GROUND COVER
C ○	RAINBIRD 1806'S SPRAYS 15'S	15Q	15'	.93	30	
D ●	RAINBIRD 1806'S SPRAYS 10'S	10F	10'	1.57	30	
E ●	RAINBIRD 1806'S SPRAYS 10'S	10H	10'	.79	30	
F ●	RAINBIRD 1806'S SPRAYS 10'S	10Q	10'	.39	30	
G □	RAINBIRD 1806'S SPRAYS	15SST	4' x 26'	.89	15	
T ▥	RAINBIRD 1806'S SPRAYS	15CST	4' x 26'	.89	15	
H ■	RAINBIRD 1806'S SPRAYS	15EST	4' x 15'	.61	30	
I □	RAINBIRD 1806'S SPRAYS	17SST	9' x 18'	1.6	25	
J △	RAINBIRD R-50 SAM	3.0H	40'	4.2	45	
K △	RAINBIRD R-50 SAM	1.5Q	40'	2.0	45	
L △	RAINBIRD R-50 SAM	6.0F	40'	7.0	35	
M △	RAINBIRD T-BIRD T-PC	22-1.3H	22'	1.3	35	
N △	RAINBIRD T-BIRD T-PC	22-6.5Q	22'	.65	35	
Q △	RAINBIRD T-BIRD T-FC	22-2.5F	22'	2.5	35	
P ●	RAINBIRD VAN SERIES	180°	3'	.37	20	
R △	RAINBIRD FALCON F4 PCFCNP	04,08,16	50'	3.5,6.4,13.1	40	
S ●	RAINBIRD BUBBLER	BEST. COV.	5'	.5	30	

◐ HARDIE 700-1 ULTRA FLOW SERIES ELECTRIC GLOBE VALVE

⋈

- - - 2" MAINLINE

C/ HARDIE IRRITROL MC-PLUS 06 w/ RAIN CHECK

M 1 1/2" IRRIGATION METER OR OPTIONAL WELL & PUMP TO DRAW FROM POND

1 1/2" BACKFLOW PREVENTER

*VELOCITY SHALL NOT EXCEED 5' PER SEC. IN ALL PIPELINES

DALE & COMPANY
651 North Mills Avenue Orlando, Florida 32803 telephone (407) 894-1317
Landscape Architecture Analysis Planning

LANDSCAPE SITE PLAN FOR
JETPORT IND. PARK
ORANGE COUNTY, FLORIDA

DESIGNED BY: RCD
DRAWN BY: JWS
CHECKED BY: RCD
DATE: 02-24-00

REVISIONS
1. 03-20-00
2. 04-17-00
3.
4.
5.
6.

SHEET 2 OF 3

RECEIVED
FEB 0 6 2001
PRIME CONSTRUCTION GROUP, INC.

NEW FACILITY FOR:
PRIME CONSTRUCTION GROUP INC.

ARCHITECT:

CUHACI & PETERSON ARCHITECTS
1220 ALDEN ROAD
ORLANDO, FL 32803
PHONE (407) 228-4220
FAX (407) 228-4219

ELECTRICAL ENGINEER:

ALEX PIPER, PE
1226 TURNER ROAD
WINTER PARK, FL 32789
PHONE (407) 628-8418
FAX (407) 628-9793

STRUCTURAL ENGINEER:

HB ASSOCIATES, INC.
STRUCTURAL/CIVIL ENGINEERING

HB ASSOCIATES INC.
990 LEWIS DRIVE
WINTER PARK, FL 32789
PHONE (407) 740-5444
FAX (407) 740-7900

CLIENT:

PCG PROPERTIES INC.
5528 FORCE FOUR PARKWAY
ORLANDO, FLORIDA 32839
PHONE (407) 856-8180
FAX (407) 856-8182

MECHANICAL ENGINEER:

JOHN ANTHONY ANDARY & ASSOCIATES
P.O. BOX 3634
WINTER PARK, FL 32789
PHONE (407) 366-7256
FAX (407) 366-7146

CONSTRUCTION MANAGER:

PERTREE CONSTRUCTORS
845 SUNSHINE LANE
ALTAMONTE SPRINGS, FL 32714
PHONE (407) 869-0039
FAX (407) 869-1848

FIRE PROTECTION ENGINEER:

HAZARD FIRE PROTECTION ENGINEERING, INC.
222 CAPITOL COURT
OCOEE, FL. 34761
PHONE (407) 877-5580
FAX (407) 650-8026

GENERAL NOTES :

1. WRITTEN DIMENSIONS PREVAIL. DO NOT SCALE THESE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING.

2. FOR EASE OF PARTITION LAYOUT, ALL STANDARD GYPSUM BOARD PARTITIONS ARE DIMENSIONED FROM STUD FACE TO STUD FACE. MASONRY AND CONCRETE SURFACES ARE DIMENSIONED TO FACE OF WALL.

3. WHERE BUILDING ELEMENTS ARE TOO LARGE TO FIT INSIDE THE CAVITY OF WALLS, WALLS ARE TO BE FURRED TO CONCEAL OR "BUILD IN" PIPING, ELECTRICAL PANELS AND OTHER RECESSED OBJECTS.

4. IF THE CONTRACTOR DISCOVERS ANY CONFLICT BETWEEN THE DRAWINGS AND THE CONDITIONS WHERE WORK IS TO BE PERFORMED, HE SHALL PROMPTLY NOTIFY THE ARCHITECT

5. THE CONTRACTOR SHALL CONSULT WITH THE FIRE AUTHORITY HAVING JURISDICTION REGARDING FIRE EXTINGUISHER PROTECTION FOR THE BUILDING, OBTAIN CLARIFICATION, AND PROVIDE APPROPRIATE QUANTITIES AND LOCATIONS OF FIRE EXTINGUISHERS.

6. SIDEWALK SLABS SHALL BE A MINIMUM 4" THICK CONCRETE WITH NON-SLIP FINISH ON COMPACTED EXISTING POROUS SUB-BASE OR COMPACTED POROUS FILL AS REQUIRED AND/OR RECOMMENDED BY SOILS ENGINEER. CONTROL JOINTS SHALL BE SPACED AS INDICATED. SIDEWALK TO SLOPE AWAY FROM BUILDING AT 1/4"/FOOT.

7. ALL EXPOSED GYPSUM BOARD WALL AND CEILING SURFACES IDENTIFIED IN THE WORK ARE TO BE APPROPRIATELY PREPARED INCLUDING TAPING, SPACKLING, AND SANDING TO A SMOOTH FINISH COMPLETED WORK SHALL BE PAINT READY. FOR FINISH REQUIREMENT SEE FINISH SCHEDULE.

8. ALL PENETRATIONS THAT OCCUR WHERE FIRE RATINGS ARE REQUIRED SHALL BE APPROPRIATELY SEALED TO MAINTAIN THE INTEGRITY OF THE WALL TO THE COMPLETE REQUIREMENTS OF THE UNDERWRITER'S LABORATORY OR GYPSUM ASSOCIATION ASSEMBLY IDENTIFIED.

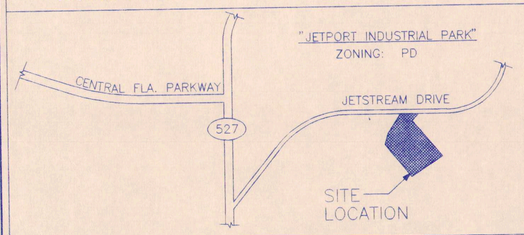
9. WHERE WALLS ARE INDICATED TO BE EXTENDED FROM FLOOR TO ROOF DECK, THE WALL SHALL BE COMPLETELY SEALED TO MAINTAIN THE INTEGRITY OF THE WALL. WHERE FIRE RATINGS ARE REQUIRED, THE WALL SHALL BE SEALED TO THE COMPLETE SPECIFICATIONS OF THE UL/OR GYPSUM ASSOCIATION ASSEMBLY IDENTIFIED.

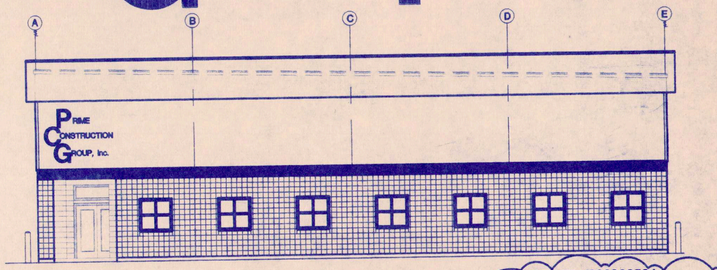
10. THE GENERAL CONTRACTOR IS TO FILE AND SECURE ALL APPROVALS, PERMITS, TESTS, INSPECTIONS ADN CERTIFICATES OF COMPLIANCE AS REQUIRED.

11. THE GENERAL CONTRACTOR IS TO PROVIDE ADEQUATE BARRICADES AS PER LOCAL BUILDING CODES AND ORDINANCES TO INSURE THE SAFETY OF PERSONS AND PROPERTY.

12. NO REPAIR OR PARKING OF EQUIPMENT WITHIN THE WAREHOUSE SPACE. △1

VICINITY MAP





△1 SITE PERMIT: 1300900534
BLDG. PERMIT: 130091235/PCG PROPERTIES

LEGAL DESCRIPTION - 1000 JETSTREAM DRIVE, JETPORT PARK, ADDITION #1, LOT 7.

A PARCEL OF LAND LYING IN THE NORTHWEST 1/4 OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST, ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST; THENCE RUN N 89°59'27" E, ALONG THE NORTH LINE OF SAID SECTION 13, A DISTANCE OF 2247.54 FEET; THENCE DEPARTING SAID NORTH LINE RUN S 00°00'33" E, A DISTANCE OF 1345.75 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF A 120 FEET WIDE ORLANDO UTILITIES COMMISION RAILROAD RIGHT OF WAY; THENCE RUN ALONG SAID SOUTHERLY RIGHT OF THE WAY THE FOLLOWING COURSES AND DISTANCES; N 89°56'23: E, A DISTANCE OF 1059.64 FEET; THENCE RUN S 00°03'37" E, A DISTANCE OF 28.60 FEET; THENCE RUN N 89°59'50" E, A DISTANCE OF 752.00 FEET; THENCE DEPARTING SAID RIGHT OF WAY LINE RUN S 00°04'11" E, A DISTANCE OF 1019.47 FEET; THENCE RUN S 89°55'49" W, A DISTANCE OF 384.60 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S 89°55'49" W, A DISTANCE OF 105.11 FEET; THENCE RUN S 22°08'56" E, A DISTANCE OF 8.78 FEET; THENCE RUN S 35°22'51" W, A DISTANCE OF 78.85 FEET; THENCE RUN S 52°10'13" W, A DISTANCE OF 77.69 FEET; THENCE RUN S 41°16'30" E, A DISTANCE OF 43.12 FEET; THENCE RUN S 11°10'34" W, A DISTANCE OF 79.66 FEET; THENCE RUN S 42°09'04" E A DISTANCE OF 65.91 FEET; THENCE RUN S 40°09'20" E, A DISTANCE OF 69.29 FEET; THENCE RUN S 32°54'21" E, A DISTANCE OF 64.08 FEET; THENCE RUN N 60°43'31" E, A DISTANCE OF 183.81 FEET; THENCE RUN N 70°42'33" E, A DISTANCE OF 98.39 FEET; THENCE RUN N 69°22'29" E, A DISTANCE OF 51.46 FEET; THENCE RUN N 60°56'58" E, A DISTANCE OF 30.54 FEET; THENCE RUN N 33°31'23" W, A DISTANCE OF 383.73 FEET; THENCE RUN N 00°04'11" W, A DISTANCE OF 35.00 FEET; THENCE RUN N 44°56'49" E, A DISTANCE OF 28.28 FEET TO THE POINT OF BEGINNING.

ZONE: PD ZONE
SUBDIVISION PLAT BOOK 44, PAGE 29
RECORDED MARCH 31ST, 2000.

CONTAINING: 174,325.50 SQUARE FEET/4.00 ACRES.

△1 AS BUILT

CODE INFORMATION

1. MEZZANINE:
CONSTRUCTION: TYPE 4 (3" CONCRETE SLAB/1 1/2' 22 GA. MTL. DECK/STEEL JOISTS)
PER 1005.7.3-THE MEZZANINE SPACE, BEING ENCLOSED SHALL HAVE A PROTECTED SMOKE DETECTION SYSTEM IN ACCORDANCE WITH NFPA 72 WHICH SOUNDS AN ALARM IN THE MEZZANINE.
PER 1005.7.3.3-TRAVEL DISTANCE SHALL NOT EXCEED 75 FT WHERE A SINGLE MEANS OF EGRESS IS PERMITTED.

2. BUILDING:
PER SECTION 303.1-A BUILDING CONTAINING TWO OR MORE OCCUPANCIES, NONE GROUP H, MAY BE CONSIDERED A SINGLE OCCUPANY WHEN.
(1) BUILDING MEETS MOST RESTRICTIVE TYPE OF CONSTRUCTION REQUIREMENTS;
(2) ENTIRE BUILDING CONFORMS TO MOST RESTRICTIVE FIRE PROTECTION REQUIREMENTS;
(3) ENTIRE BUILDING CONFORMS WITH THE MOST RESTRICTIVE OCCUPANCY GROUP SPRINKLER, STANDPIPE AND ALARM SYSTEM.

3. CORRIDORS:
PER TABLE 704.2.4-INDUSTRIAL BUILDING, BEING SPRINKLERED DOES NOT NEED TO HAVE A RATED CORRIDOR.

4. WALLS:
PER SECTION 609.2.3-TYPE IV CONSTRUCTION, PARTITIONS IN FULLY SPRINKLERED BUILDINGS, REGARDLESS OF HEIGHT, MAY BE OF ANY MATERIAL PERMITTED BY THIS CODE.

5. A SEPARATE PERMIT MUST BE APPROVED BY THE ORANGE COUNTY FIRE AND RESCUE FOR THE FIRE ALARM SYSTEM, AUTOMATIC SPRINKLER SYSTEM AND/OR SUPPRESSION SYSTEM. △1

STANDARD BUILDING CODE (SBCC) 1997
MECHANICAL CODE 1997
PLUMBING CODE 1994
ELECTRICAL CODE 1996
LIFE SAFETY CODE NFPA-101 1994
FLORIDA ACCESSIBILITY CODE 5TH EDITION 1997
FLORIDA STATE MODEL ENERGY CODE 1997

BUILDING SQUARE FOOTAGE = 12,000 SQUARE FEET

PROJECT ADDRESS:
1000 JETSTREAM DRIVE
JETPORT PARK ADDITION #1 LOT 7,
ORLANDO, FLORIDA

REGULATORY CONTACTS

BUILDING DEPARTMENT: ORANGE COUNTY (407) 836-5760

BUILDING CLASSIFICATION:

TYPE IV, UNPROTECTED SPRINKLED
OCCUPANCY TYPE: INDUSTRIAL
TABLE 400: Maximum Height 55'
Maximum Area 27,000 S.F.

ALLOWABLE HEIGHTS AND FLOOR AREA:

PERIMETER OPEN ALL SIDES MIN. 60'-UNLIMITED AREA

OCCUPANT:

Per Section 1105 SBC and Life Safety Code
NFPA 101 Section 24-1.7.
One person per each 30 s.f. sales area.
One person per each 100 s.f. storage area.

EXIT REQUIREMENTS: Section 5-3.2.1 NFPA 101
Means of egress shall be measured in units of exit width width of .02 inches one (1) unit of exit is required for each 100 occupants. Section 5-2.1.3.1 NFPA 101 no door openings in the means of egress shall be less than 32 inches in clear width.

TRAVEL DISTANCE: Section 24-2.6 NFPA 101 250'-0"
maximum distance in a building protected throughout by an approved automatic sprinkler system.

HANDICAP REQUIREMENTS: Provided per Florida Accessibility Code.

INTERIOR FINISHES: Section 704.3 SBC Class "A" Minimum.

ROOF COVERING: Class "A", Class "B"

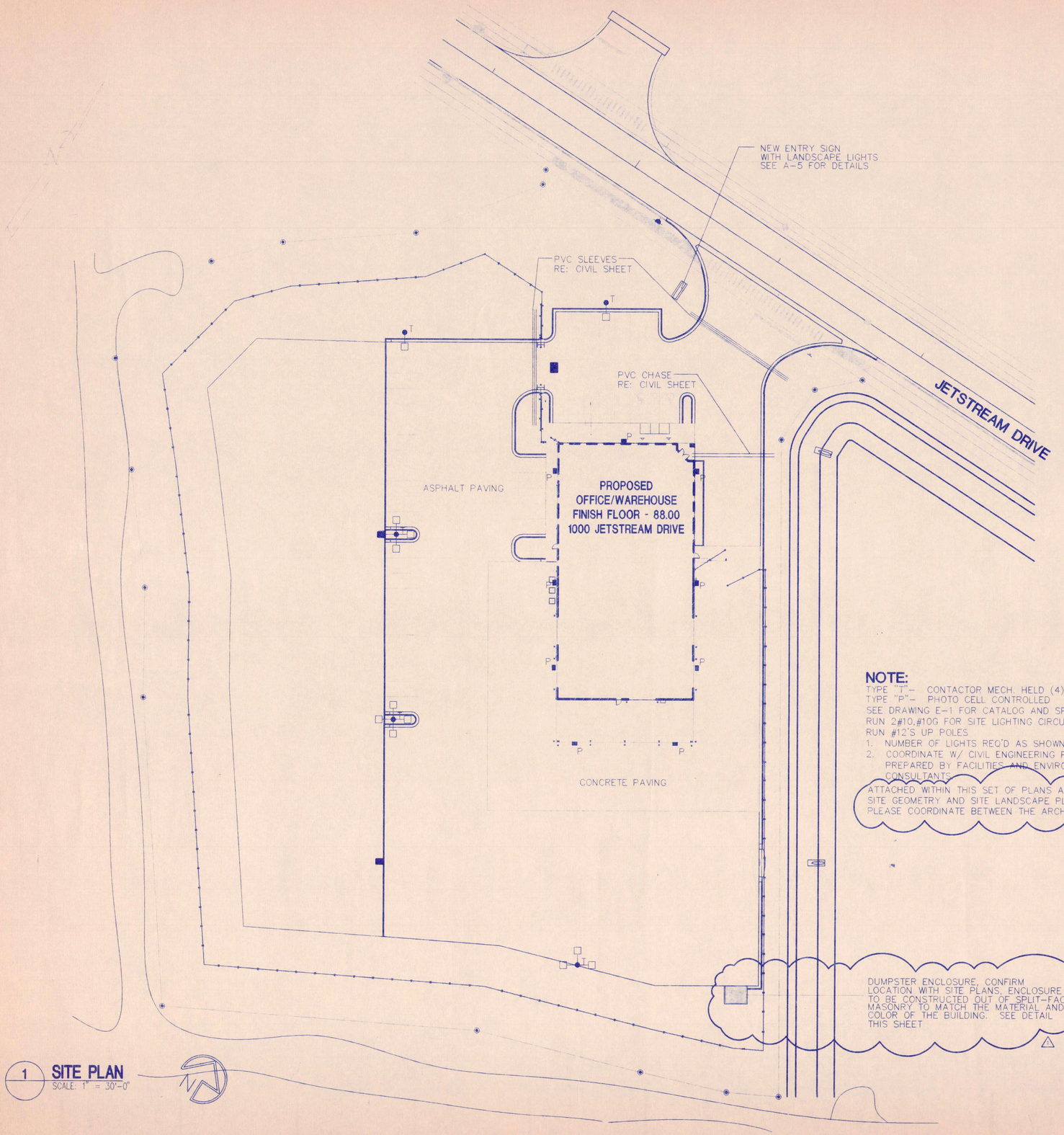
RELEASED FOR
CONSTRUCTION

CONSTRUCTION DOCUMENT INDEX

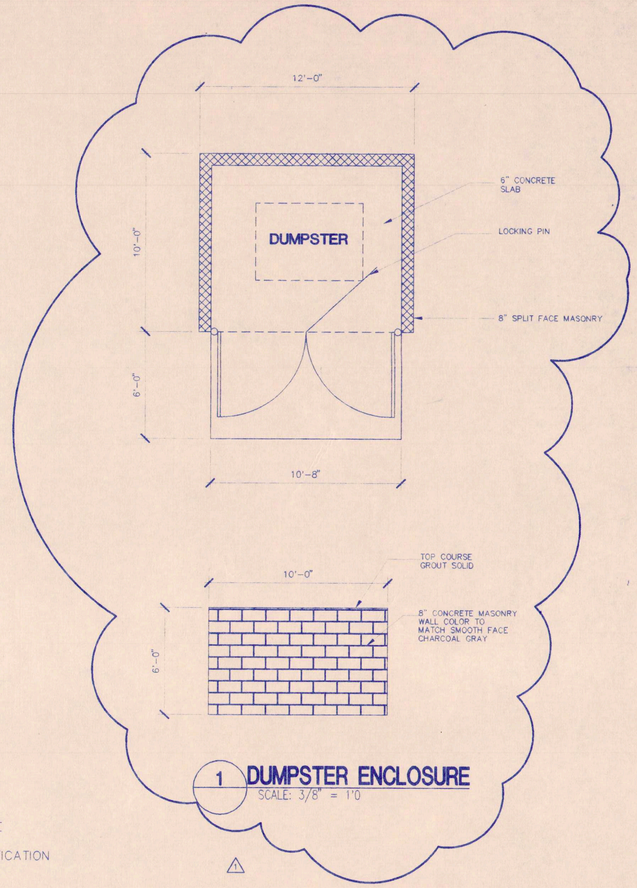
SHEET NO.	DESCRIPTION	DATE:	REVISION △1	REVISION △2	REVISION △3
COVER	COVER SHEET	4/10/00	6/2/00		
SP-1	SITE PLAN/LIGHTING PLAN	4/10/00	6/2/00		
A1	FLOOR PLAN & WALL TYPES	4/10/00	6/2/00		
A2	FLOOR FINISH PLAN, SCHEDULE & DETAIL	4/10/00			
A3	REFLECTED CEILING PLAN	4/10/00			
A4	ROOF PLAN	4/10/00			
A5	EXTERIOR ELEVATIONS & DETAILS	4/10/00	4/27/00	6/2/00	
A6	BUILDING SECTIONS & SECTION DETAILS	4/10/00	6/2/00		
A7	WALL SECTIONS & DETAILS	4/10/00	6/2/00		
A8	INTERIOR ELEVATIONS & DETAILS	4/10/00	6/2/00		
A9	DOORS/WINDOWS, FINISH SCHEDULE	4/10/00	6/2/00		
A10	RESTROOM PLANS & INTERIOR ELEVATIONS	4/10/00	6/2/00		
S1	FOUNDATION/FRAMING PLAN	4/10/00	6/2/00		
S2	DETAILS	4/10/00	6/2/00		
E1	ELECTRICAL LIGHTING PLAN	4/10/00	6/2/00		
E2	POWER PLAN	4/10/00	6/2/00		
M1	MECHANICAL PLAN	4/10/00	6/2/00		
M2	HVAC DETAILS	4/10/00	6/2/00		
P1	PLUMBING PLAN	4/10/00	6/2/00		
P2	PLUMBING DETAILS & RISER	4/10/00	6/2/00		
FP1	FIRE PROTECTION PLAN	4/10/00	6/2/00		
A11	FURNITURE/FIXTURE PLAN				

99228

F:\99228\CD's\99228cdv.dwg Fri Jul 21 15:00:20 2000 Cuhaci & Peterson Architects, Orlando, FL



1 SITE PLAN
SCALE: 1" = 30'-0"



1 DUMPSTER ENCLOSURE
SCALE: 3/8" = 1'0

NOTE:
TYPE "T"- CONTACTOR MECH. HELD (4)POLE
TYPE "P"- PHOTO CELL CONTROLLED
SEE DRAWING E-1 FOR CATALOG AND SPECIFICATION
RUN 2#10,#10G FOR SITE LIGHTING CIRCUITS.
RUN #12'S UP POLES
1. NUMBER OF LIGHTS REQ'D AS SHOWN
2. COORDINATE W/ CIVIL ENGINEERING PLANS PREPARED BY FACILITIES AND ENVIROMENTAL CONSULTANTS

ATTACHED WITHIN THIS SET OF PLANS ARE THE SITE GEOMETRY AND SITE LANDSCAPE PLANS PLEASE COORDINATE BETWEEN THE ARCH/CIVIL

DUMPSTER ENCLOSURE, CONFIRM LOCATION WITH SITE PLANS, ENCLOSURE TO BE CONSTRUCTED OUT OF SPLIT-FACE MASONRY TO MATCH THE MATERIAL AND COLOR OF THE BUILDING. SEE DETAIL THIS SHEET

AS BUILT

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Architects
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Orlando, Florida 32803
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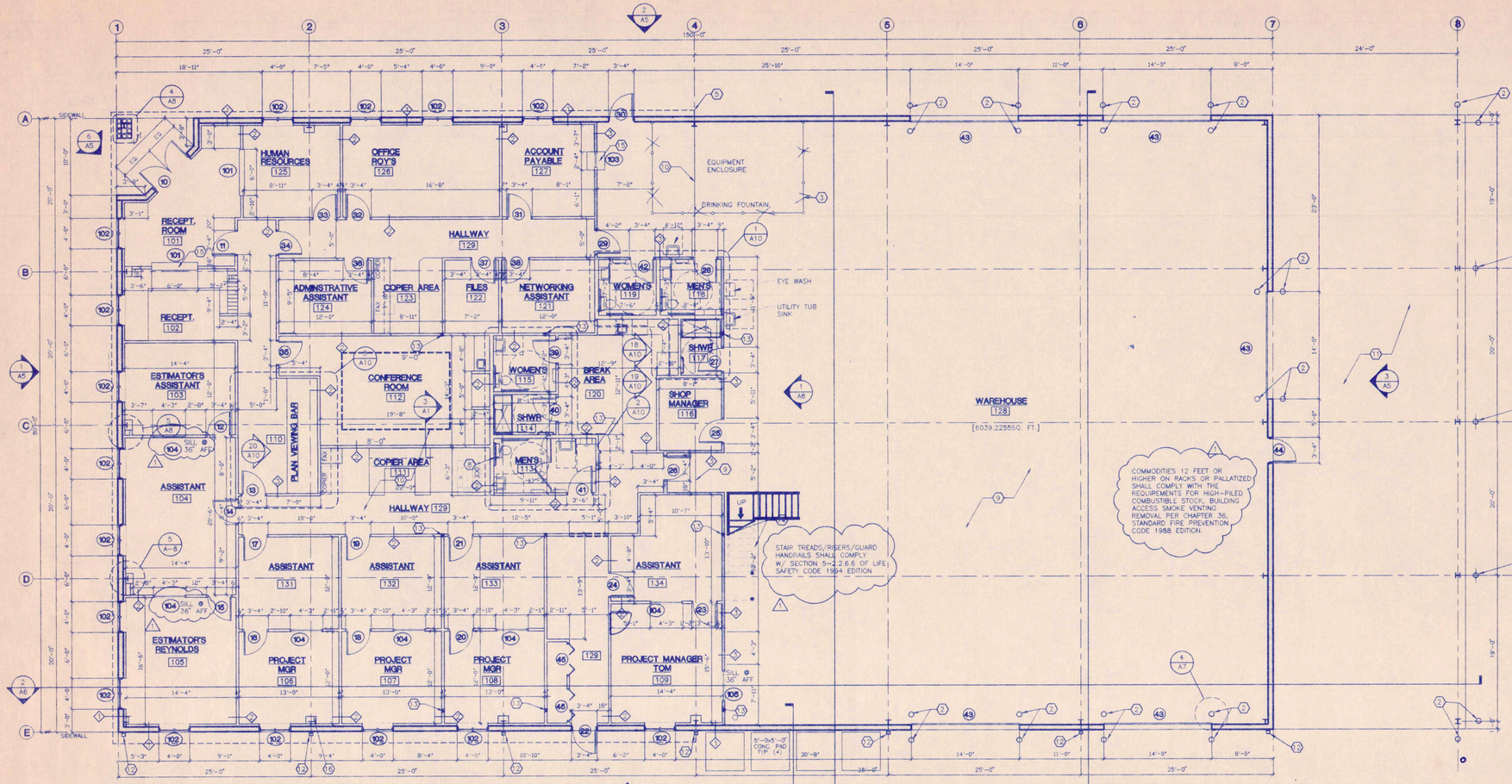
JOB TITLE
P.C.G. INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

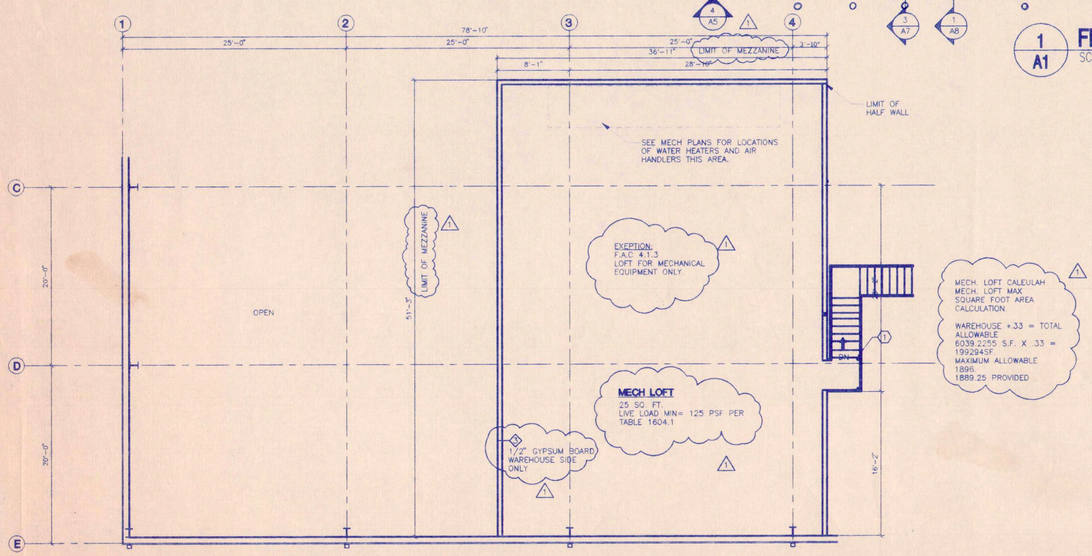
DRAWING TITLE
SITE PLAN
LIGHTING PLAN

REVISION :	
1 6/2/2000	5
2	6
3	7
4	8
4	9

JOB NO.	99228
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	CRW
CHECKED	JAF
DRAWING NO.	SP-1



1 A1 **FLOOR PLAN**
SCALE: 1/8"=1'-0"



2 A1 **MECH. MEZZANINE PLAN**
SCALE: 1/8"=1'-0"

LEGEND

- (X) DOOR NUMBER SEE SHEET A9.
- ◇ WALL TYPE SEE DETAIL THIS SHEET
- XXX WINDOW NUMBER SEE SHEET A9.
- XXX ROOM NUMBERS
- SOUND ATTENUTATED BATT

INSULATION CHART

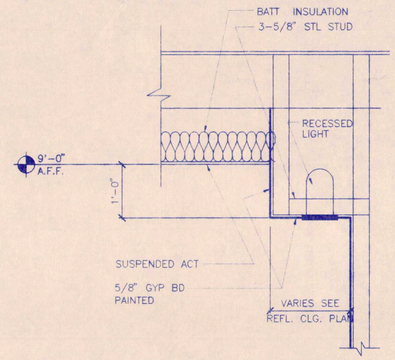
1. R-19: BATT INSULATION ABOVE OFFICE CLG.
2. R-13: INSUL. IN PRE-ENGINEERED ROOF
3. R-13: BATT IN EXT. METAL WALLS

GENERAL NOTES

1. BUILDING SHALL BE SUPPLIED BY BUTLER MFG COMPANY.
2. ALL DIMENSIONS ARE NOMINAL.
3. VERIFY COLUMN DIMENSION AND TAPER IN FIELD AFTER STEEL ERECTION IS COMPLETE PRIOR TO STUDDING THE WALLS.
4. ALL PLUMBING WALLS ARE TO BE 6" WALLS

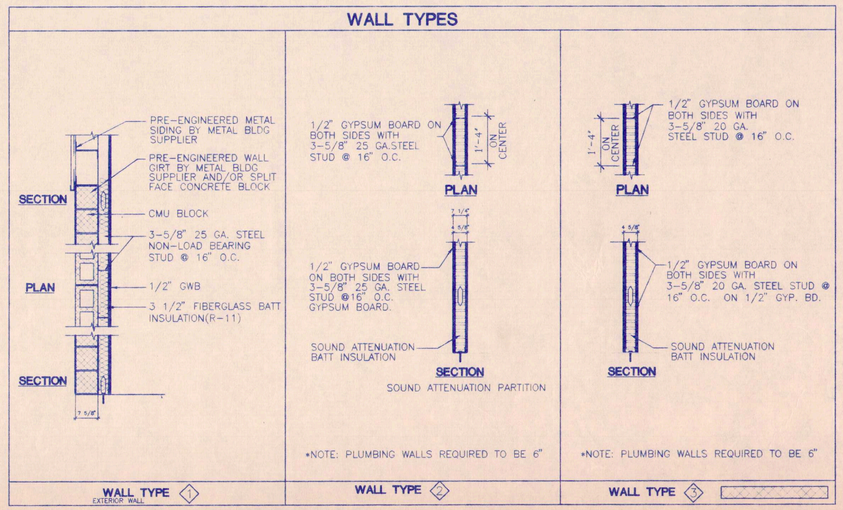
KEYED NOTES

1. PRE-FABRICATED CONCRETE PAN STAIR.
2. 8" STEEL BOLLARD FILLED W/ CONCRETE SEE SHEET A-7 FOR DETAIL.
3. CHAIN LINK FENCE
4. EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR SPECIFICATIONS.
5. FASCIA ABOVE BY BUTLER MANUF. COMPANY.
6. PROVIDE SOLID BLOCKING IN WALL FOR MOUNTING OF HANDRAILS, TOILET ACCESSORIES & GRAB BARS IN RESTROOMS
7. PROVIDE SOLID BLOCKING AS REQUIRED FOR WALL HUNG CABINETRY.
8. PROVIDE SOLID BLOCKING AS REQUIRED FOR ALL PLUMBING FIXTURES.
9. LIMIT OF 6" CONCRETE SLAB(SEE STRUCTURAL DWGS) w/ ASHFORD FORMULA SEALER
10. LIMIT OF 4" CONCRETE SLAB(SEE STRUCTURAL DWGS) w/ CURE-n-SEAL (OFFICE AREA ONLY)
11. 6" CONCRETE SLAB(SEE STRUCTURAL DWGS) w/ LIGHT BROOM FINISH (EXTERIOR SLAB ONLY)
12. DOWNSPOUT w/ GUARD (SEE DETAIL 5/A-5) DISCHARGE TO UNDERGROUND PIPE (SEE CIVIL ENGINEERING DWGS.)
13. COLUMN IN WALL (SEE STRUCTURAL ENGINEERING DWGS.)
14. METAL HANDRAIL AT EACH SIDE OF STAIRS AND LANDING(TYP.)
15. 12" PLASTIC LAMINATE PASS-THRU COUNTER
16. GYPSUM BOARD COLUMN WRAP RE: DTL 5/A-8



3 A1 **SOFFIT DETAIL-CONF. ROOM**
SCALE: 3/4"=1'-0"

WALL TYPES



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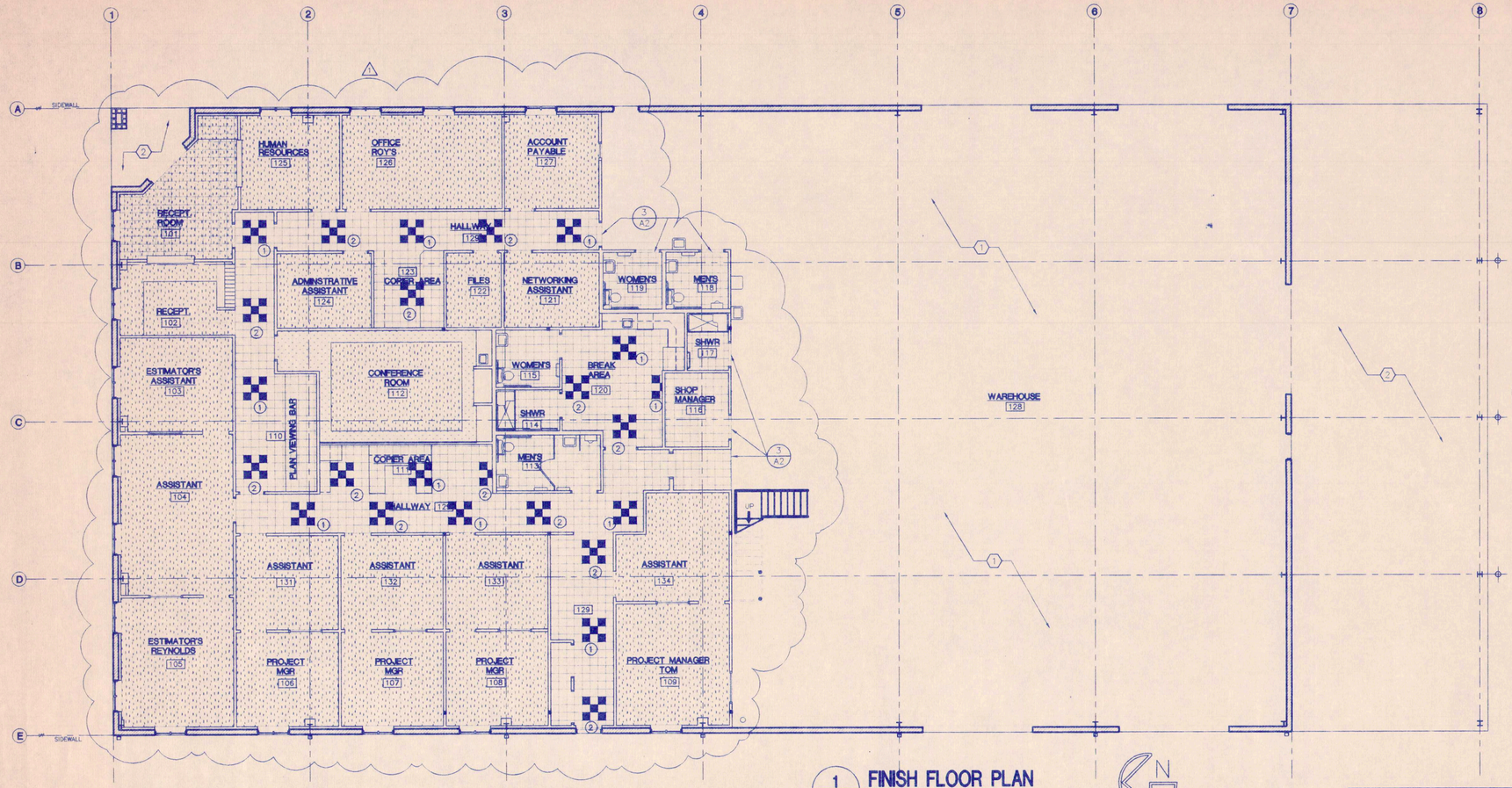
JOB TITLE
P.C.G. INC.
1000 JETSTREAM DRIVE
ORLANDO FLORIDA

DRAWING TITLE
FLOOR PLAN & WALL TYPES

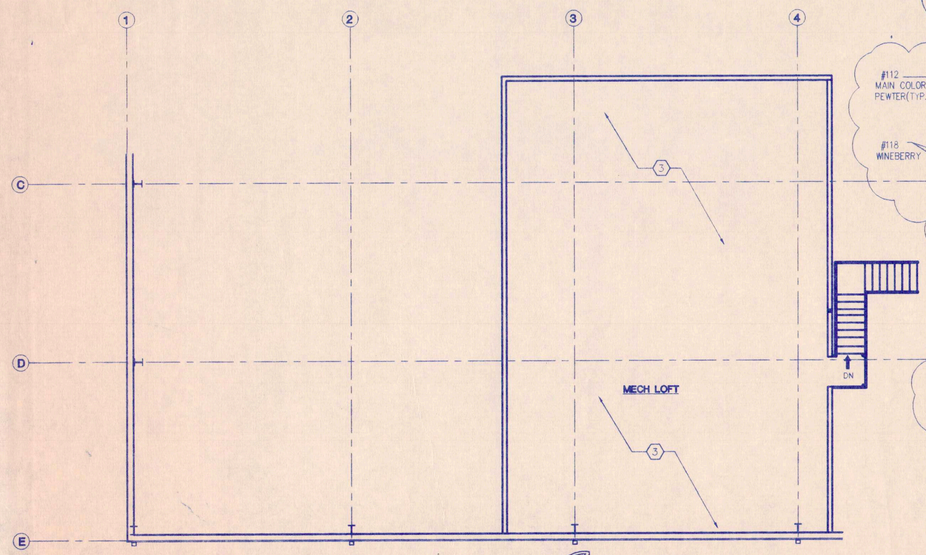
REVISION :	
6/2/2000	

JOB NO.	99228
SCALE	AS SHOWN
DATE	4/20/2000
DRAWN	CRW
CHECKED	
DRAWING NO.	A1

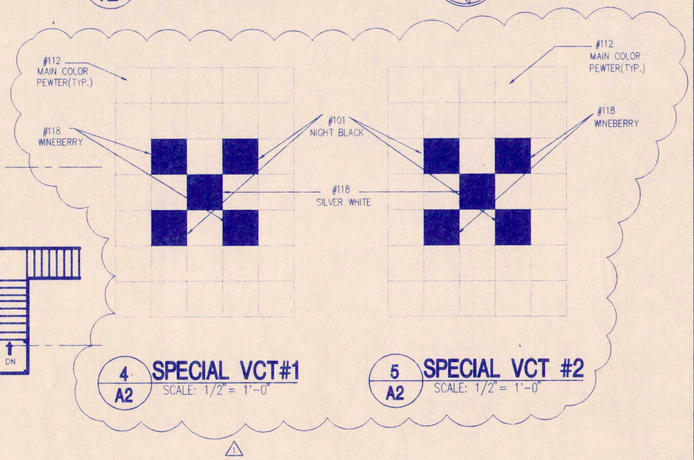
AS BUILT



1 A2 FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"

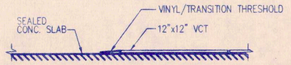


2 A2 MEZZANINE FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"



4 A2 SPECIAL VCT#1
SCALE: 1/2" = 1'-0"

5 A2 SPECIAL VCT #2
SCALE: 1/2" = 1'-0"



3 A2 CONC. SLAB / VCT DETAIL
SCALE: 1-1/2" = 1'-0"

LEGEND

- VCT – 12"x12"
- CT-1 – 12"x12"
- CP-1 – CARPETING
- PC-1 – ASHFORD HAREDNER/DUSTPROOFER SEALER
- CP-2 – CARPETING

KEYED NOTES

1. 6" CONCRETE FLOOR TO BE ASHFORD FORMULA HARDENER /DUSTPROOFER SEALER
2. CONCRETE APRON WITH ASHFORD FORMULA HARDENER/SEALER "LIGHT" BROOM FINISH
3. MEZZANINE TO BE CONCRETE SLAB SEE STRUCTURAL DRAWINGS FOR CONCRETE SPECIFICATIONS

FINISH LEGEND

FLOOR TILE

VCT-1 LOCATION: HALLWAYS/BREAK AREA
COMPANY: MANNINGTON ESSENTIALS
ITEM:
COLOR: 112 PEWTER(MAIN), 118 WINEBERRY, 101 NIGHTBLACK, 121 SILVER WHITE
SIZE: TEMPEST NIGHT #39490

CT-1 LOCATION: RECEPTION ROOM
COMPANY: DALTILE/PORCELATO/ORIGIO
ITEM: GRANITE CD 40 TEXTURED UNPOLISHED
COLOR: GROUT COLOR: MAPEI, COLOR 11, SAHARA BEIGE
SIZE: 12"X12"

CARPETING

CP-1 LOCATION: OFFICE AREA AND FILE ROOM
COMPANY: SHAW
ITEM: COMMERCIAL
STYLE: WILD CREEK #50639
COLOR: TEMPEST NIGHT #39490

CP-2 LOCATION: CONFERENCE ROOM
COMPANY: SHAW
ITEM: COMMERCIAL
STYLE: 50639
COLOR: TEMPEST NIGHT #39490

CP-3 LOCATION: CONF. RM BORDER
COMPANY: SHAW
ITEM: COMMERCIAL
STYLE: HENNA – #56816
COLOR: CONNECTION 42 – #50257

COVE BASE

VB-1 LOCATION: OFFICE AREA AS NOTED
COMPANY: MERCER
NOTE: **CONSIDER RUBBER BASE
ITEM: COLOR 607
SIZE: 4" COVE

TILE BASE

TB-1 LOCATION: RECEPTION ROOM
COMPANY:
NOTE: MATCH CT-1
ITEM:
SIZE:

CARPET BASE

CB-2 LOCATION: CONFERENCE ROOM
COMPANY:
NOTE:
ITEM:
SIZE:

WALL FINISHES

PC-1 LOCATION: WAREHOUSE
COMPANY: ASHFORD HARDENER/DUSTPROOFER SEALER

PC-2 LOCATION: CONF. ROOM
COMPANY: RICHARDS
COLOR: 3276 D "CLAYMIST"

PC-3 LOCATION: HALLWAYS/BREAK AREA/MENS RESTROOM
COMPANY: RICHARDS
COLOR: 3592P "NORDIC WHITE"

PC-4 LOCATION: WOMENS RESTROOM
COMPANY: RICHARDS
COLOR: 3154T "ROSE BEIGE"

PC-4 LOCATION: OFFICES
COMPANY: RICHARDS
COLOR: 3273P "LIMESTONE"

CEILING FINISHES

SUSPENDED CEILING- ACCOUSTIC TILE

ACT-1 2"X4" USE ILLUSION REGULAR TILE W/CLIMAPIUS

ACT-2 2"X2" ARMSTRONG AIMES ANGLED REGULAR W/CLIMAPIUS

COUNTER SHELL- CASE WORK

HPL-1 LOCATION:
COMPANY:
ITEM:
COLOR:
FINISH:

HPL-2 LOCATION:
COMPANY:
ITEM:
COLOR:
FINISH:

INTERIOR DOOR FINISHES:

ST-1 LOCATION: OFFICES
COMPANY: MOHAWK PREMIUM 2000 PRE-FINISH
COLOR: MAHOGANY
FINISH: PLAIN SLICED CHERRY PREMIUM

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM DESCRIPTION	FLOORS: VCT-1 VINYL COMPOSITION TILE 12"x12"	FLOORS: CT-1 CERAMIC TILE 12"x12"	FLOORS: CP-1 CARPETING	FLOORS: PC-1 ASHFORD FORMULA-HARDNER/SEALER	FLOORS: CP-2 CARPETING	BASE: VB-1 4" VINYL BASE	BASE: CB-2 CARPET BASE	BASE: TB-1 TILE BASE	WALLS: PT-1 S.W.B. PAINTED	WALLS: WP-1 WALL PAPER	CEILINGS: ACT-1 ACOUSTICAL TILE – 24"x48"	CEILINGS: ACT-2 ACOUSTICAL TILE – 24"x24"	CEILINGS: GYP. BOARD PAINTED	CEILINGS: NONE– (EXPOSED STRUCTURE)	CEILING HEIGHT	OTHER FINISHES: DRS ST-1 DOORS AND FRAMES	REMARKS
101	RECEPT. RM.		●						●				●			9'-0"		
102	RECEPT.				●		●			●			●			9'-0"		
103	ESTIMATOR'S ASSISTANT				●		●			●			●			9'-0"		
104	ASSISTANT				●		●			●			●			9'-0"		
105	ESTIMATOR'S – REYNOLDS				●		●			●				●		9'-0"		
106	PROJECT MANAGER				●		●			●			●			9'-0"		
107	PROJECT MANAGER				●		●			●			●			9'-0"		
108	PROJECT MANAGER				●		●			●			●			9'-0"		
109	PROJECT MANAGER – TOM				●		●			●				●		9'-0"		
110	PLAN VIEWING BAR	●					●			●			●			8'-0"		
111	COPIER AREA	●					●			●			●			8'-0"		
112	CONFERENCE ROOM				●	●		●		●				●	●	9'-0"		
113	MEN'S RESTROOM	●					●				●		●			8'-0"		
114	SHOWER ROOM	●					●			●						8'-0"		
115	WOMEN'S RESTROOM	●					●				●		●			8'-0"		
116	SHOP MANAGER	●					●			●			●			9'-0"		
117	SHOWER ROOM	●					●			●						8'-0"		
118	MEN'S RESTROOM	●					●				●		●			8'-0"		
119	WOMEN'S RESTROOM	●					●				●		●			8'-0"		
120	BREAK AREA	●					●			●			●			8'-0"		
121	NETWORKING ASSISTANT				●		●			●			●			9'-0"		
122	FILES				●		●			●			●			9'-0"		
123	COPIER AREA	●					●			●			●			8'-0"		
124	ADMINISTRATIVE ASSISTANT				●		●			●			●			9'-0"		
125	HUMAN RESOURCES				●		●			●			●			9'-0"		
126	OFFICE – ROY'S				●		●			●				●		9'-0"		
127	ACCOUNT PAYABLE				●		●			●						9'-0"		
128	WAREHOUSE					●	●		●	●					●	EXPOSED		WAREHOUSE SIDE VINYL BASE ONLY.
129	HALLWAY	●					●			●			●			8'-0"		
130	ASSISTANT				●		●			●			●			9'-0"		
131	ASSISTANT				●		●			●			●			9'-0"		
132	ASSISTANT				●		●			●			●			9'-0"		
133	ASSISTANT				●		●			●			●			9'-0"		
134	ASSISTANT				●		●			●			●			9'-0"		

RELEASED FOR [redacted]

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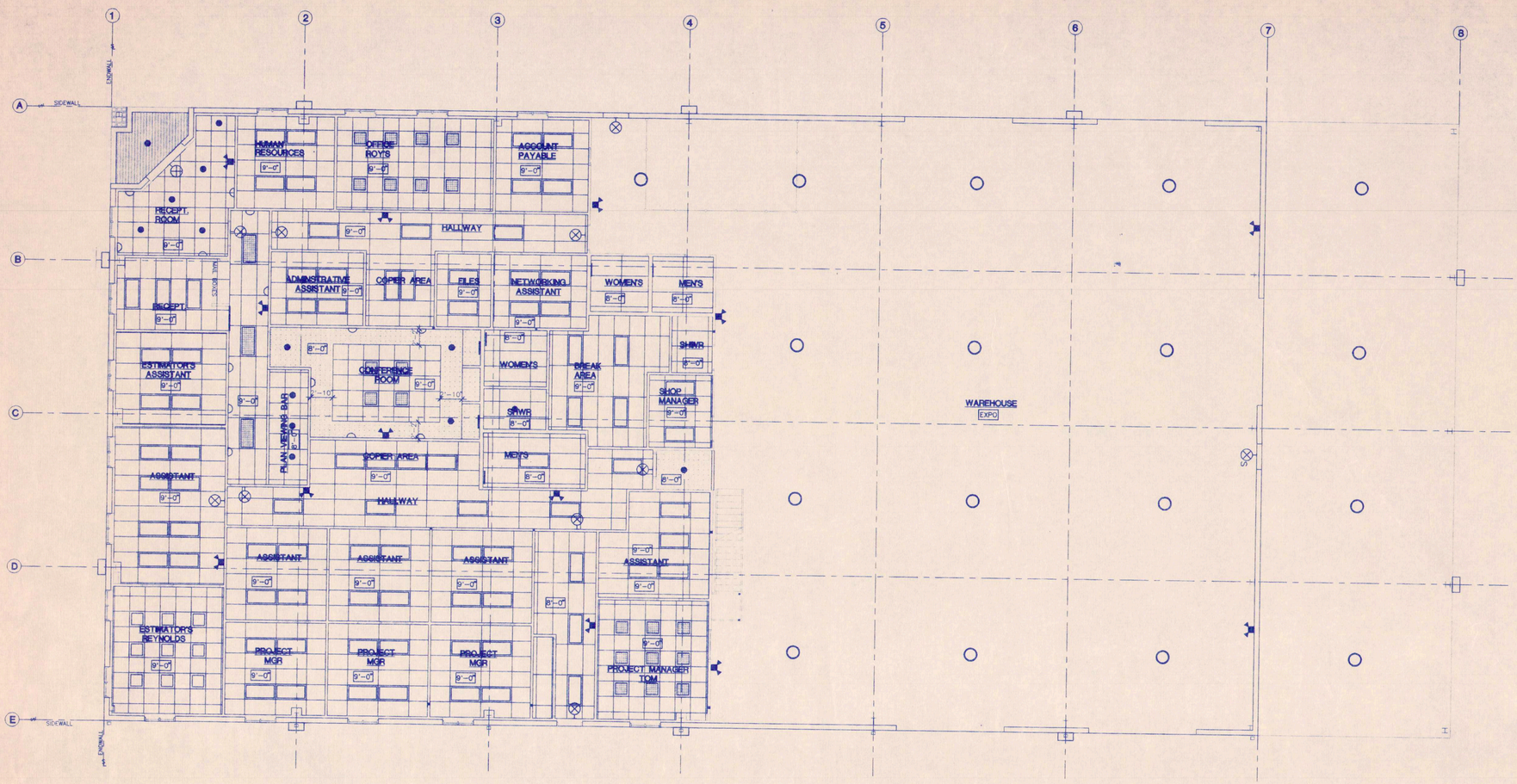
JOB TITLE
P.C.G. INC.
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

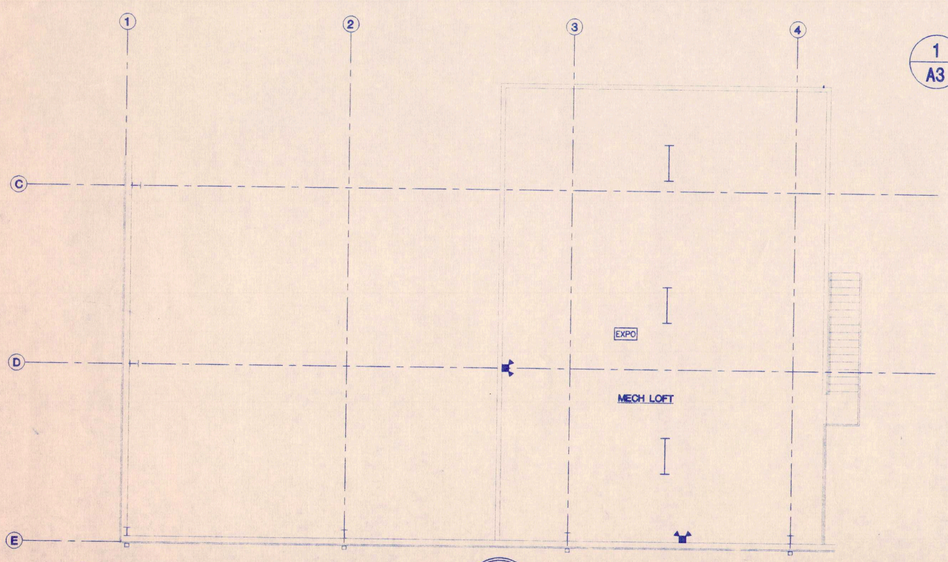
DRAWING TITLE
FLOOR FINISH PLAN
SCHEDULES &
DETAILS

REVISION:
1 6/2/2000
2 6/5/2000
3
4
5
6
7
8

JOB NO. 99228
SCALE AS SHOWN
DATE 4/10/2000
DRAWN CRW
CHECKED JAF
DRAWING NO. A2



1 / A3 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



2 / A3 MECH. MEZZANINE CEILING PLAN
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- EXIT LIGHT (WALL MOUNTED)
- EMERGENCY EXIT LIGHT
- HIGH BAY FIXTURE METAL HALIDE
- 4'-0" FLUORESCENT LIGHT FIXTURE
- 2'-0"x4'-0" FLUORESCENT LIGHT FIXTURE
- 2'-0"x2'-0" FLUORESCENT LIGHT FIXTURE
- 2'-0"x4'-0" FLUORESCENT LIGHT FIXTURE W/PARABOLIC REFLECTORS
- 2'-0"x2'-0" LIGHT FIXTURE W/PARABOLIC REFLECTORS
- RECESSED LIGHT
- WALL SCONCE
- WALL MOUNTED EXTERIOR FIXTURES
- XX CEILING HEIGHT TAG

AS BUILT

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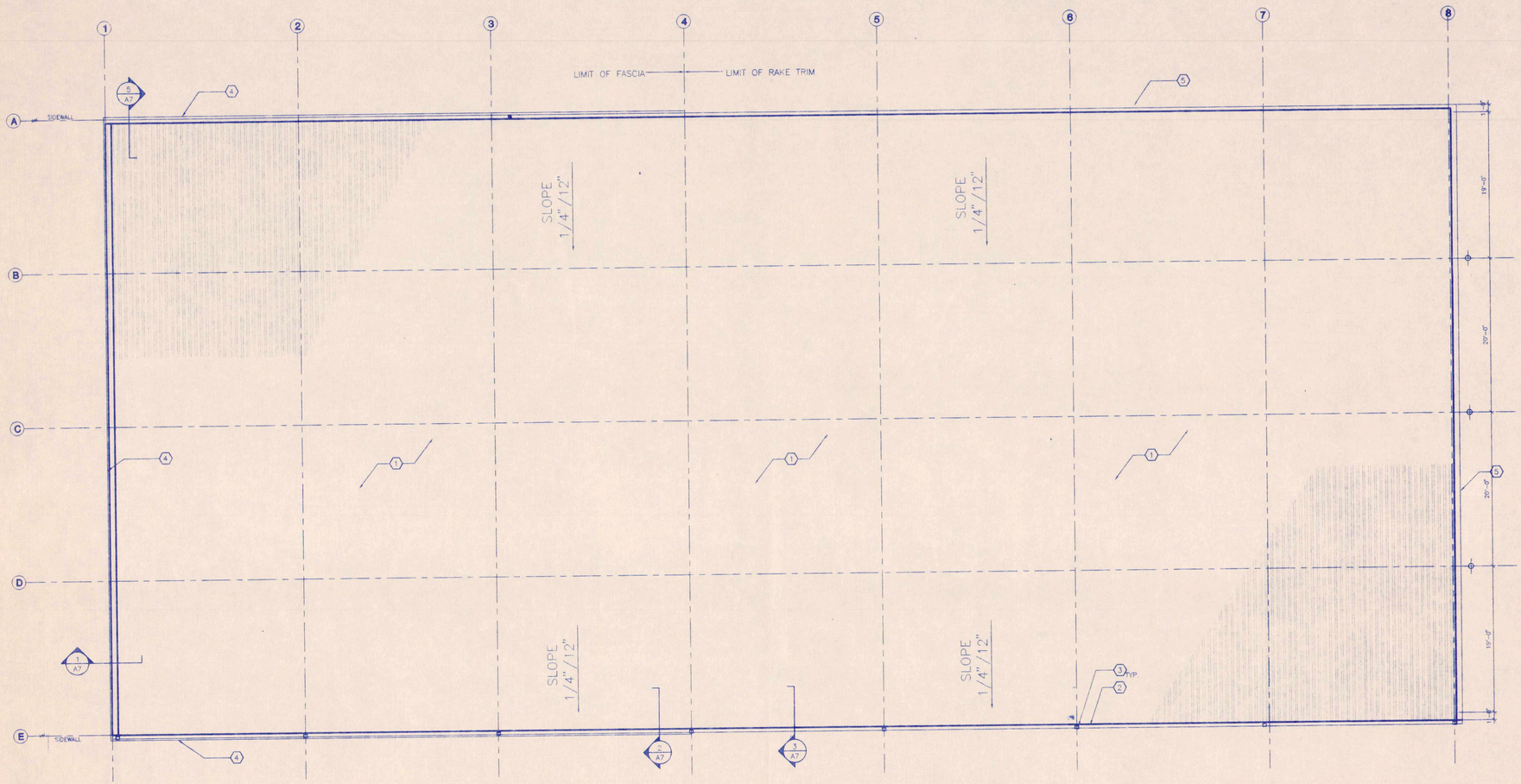
JOB TITLE
P.C.G, INC.
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

DRAWING TITLE
REFLECTED CEILING PLAN

REVISION :	
1 6/2/00	6
2	7
3	8
4	9

JOB NO.	99228
SCALE	AS SHOWN
DATE	4/20/2000
DRAWN	CRW
CHECKED	JAF
DRAWING NO.	A3



1 A4 **ROOF PLAN**
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1. MR "24" STANDING SEAM ROOF BY BUTLER MFG. CO.
2. PRE-MOLDED GUTTER BY BUTLER MFG. CO.
3. PRE-MOLDED DOWNSPOUT BY BUTLER MFG. CO.
4. FASCIA SYSTEM BY BUTLER MFG. CO.
5. RAKE TRIM BY BUTLER MFG. CO.

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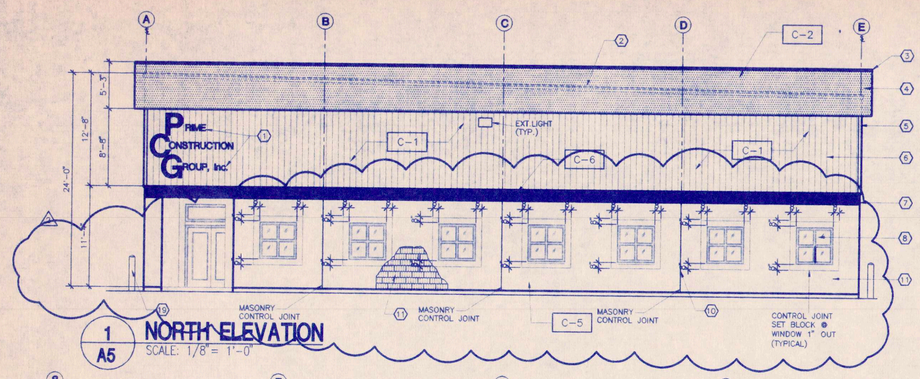
JOB TITLE
P.C.G. INC.
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

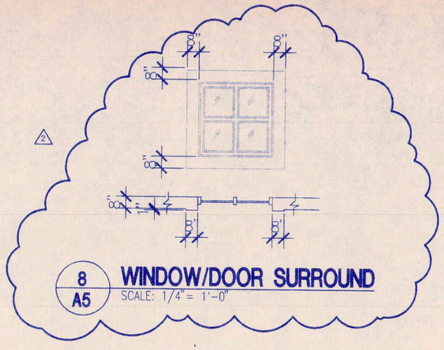
DRAWING TITLE
ROOF PLAN

REVISION :	
1 6/2/2000	6
2	7
3	8
4	9

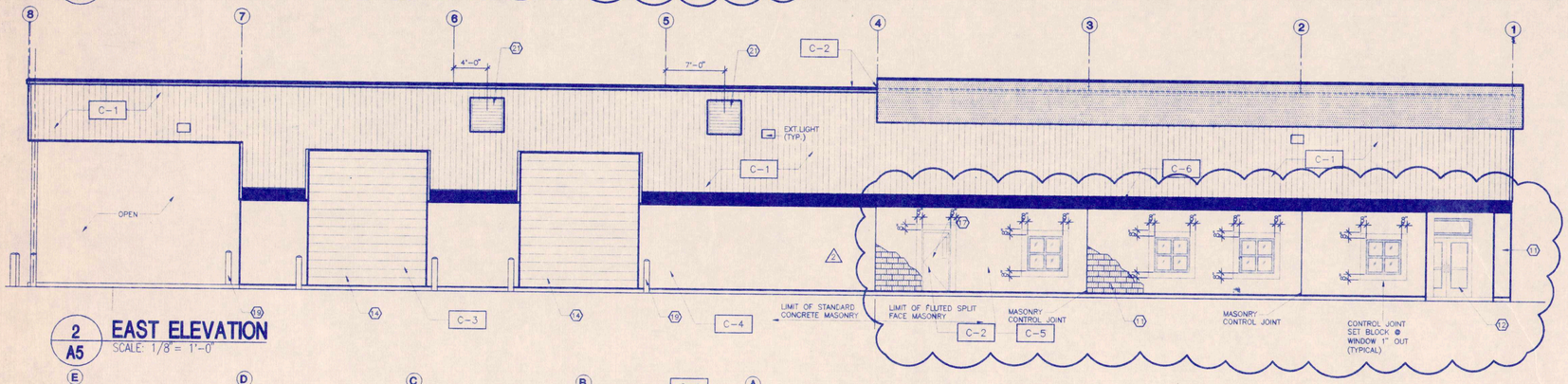
JOB NO.	99228
SCALE	AS SHOWN
DATE	4/20/2000
DRAWN	CRW
CHECKED	JAF
DRAWING NO.	A4



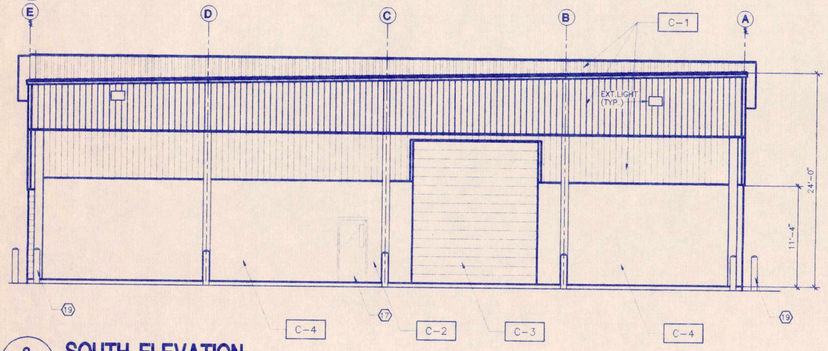
1 A5 **NORTH ELEVATION**
SCALE: 1/8" = 1'-0"



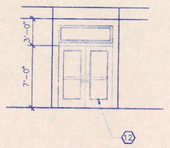
8 A5 **WINDOW/DOOR SURROUND**
SCALE: 1/4" = 1'-0"



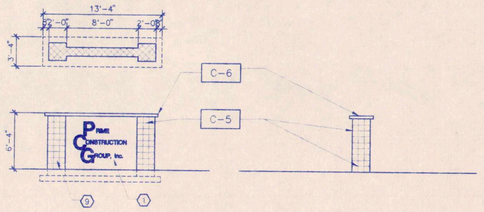
2 A5 **EAST ELEVATION**
SCALE: 1/8" = 1'-0"



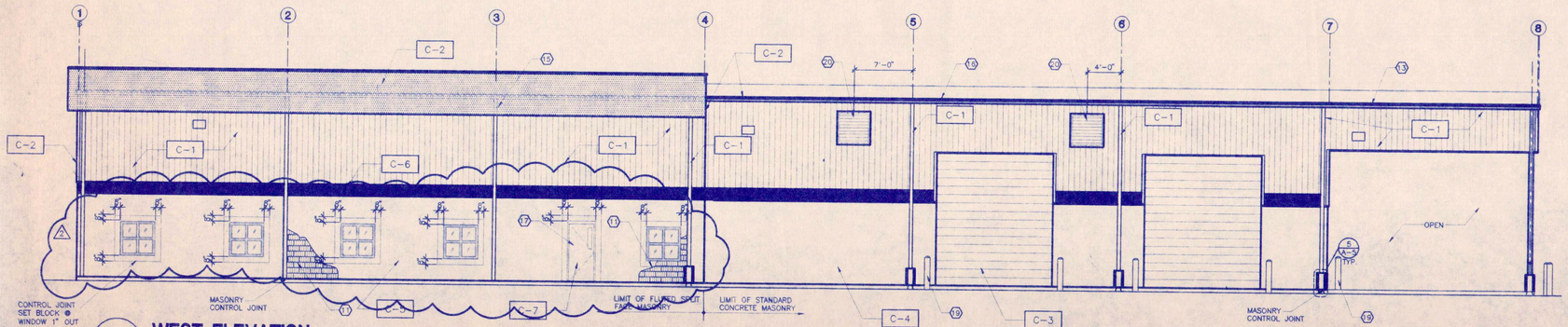
3 A5 **SOUTH ELEVATION**
SCALE: 1/8" = 1'-0"



6 A5 **ENTRY DOORS**
SCALE: 1/8" = 1'-0"



7 A5 **ENTRY SIGN DETAIL**
SCALE: 1/8" = 1'-0"



4 A5 **WEST ELEVATION**
SCALE: 1/8" = 1'-0"

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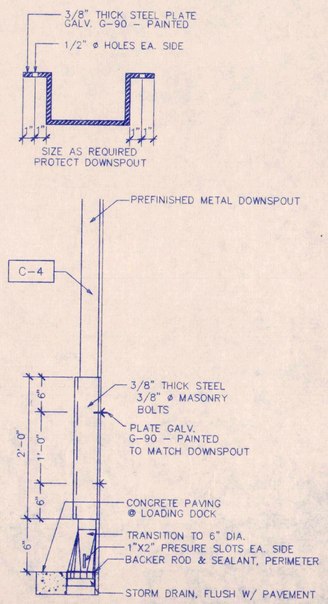


5 A5 **DOWNSPOUT GUARD DTL.**
SCALE: 3/16" = 1'-0"

KEY NOTES:

1. SIGN TO EQUAL PRIME CONSTRUCTION GROUP, INC. LOGO
2. ENDWALL COUNTER FLASHING BEHIND FASCIA.
3. TOP TRIM @ FASCIA.
4. FASCIA PANEL – SHADOWALL BY BUTLER MANUFACTURING COMPANY.
5. CORNER TRIM BY BUTLER MANUFACTURING COMPANY
6. SHADOWALL BY BUTLER MANUFACTURING COMPANY
7. (2) COURSES PAINTED & SEALED STANDARD CONCRETE MASONRY
8. 1" INSULATED CLEAR GLASS W/INTERNAL COLONIAL MUNTINS IN ALUMINUM STOREFRONT SYSTEM
9. SPLIT FACE CONCRETE MASONRY
10. VERTICAL CONTROL JOINT @ ALL CENTERLINES OF PRE ENGINEERED COLUMNS.
11. FLUTED SPLIT FACE CONRETE MASONRY
12. ALUMINUM STOREFRONT BY OTHERS
13. MR-24 ROOF PANELS R13 BATT INSULATION
14. 14' W. x 16' OVERHEAD DOORS.
15. DOWNSPOUT BY BUTLER MANUFACTURING COMPANY
16. GUTTERING
17. 3' x 7' MANDOOR W/4"HEADER
18. WALL PACK EXTERIOR LIGHT RE: ELECTRICAL
19. CONCRETE FILLED 8"ø STEEL BOLLARD
20. MECHANICALLY OPERATED EXHAUST FAN(SEE MECH)
21. LOUVER W/ INSECT SCREEN(SEE MECH)

FINISH COLOR KEY

C-1	BIRCH WHITE BUTLER-COTE, A FULL STRENTGH, 70% KYNAR 500 OR HYLAR 5000 FINISH
C-2	BAY BLUE BUTLER-COTE, A FULL STRENTGH, 70% KYNAR 500 OR HYLAR 5000 FINISH
C-3	BAY BLUE BUTLER-COTE COLOR PRIMED DOOR
C-4	SMOOTH STANDARD CONCRETE MASONRY CHARCOAL GREY
C-5	FLUTED SPLIT FACE BLOCK CHARCOAL GREY
C-6	ICI 120 "CHERRY RED" THE BRIGHT PALETTE, USE A BLOCK SEALER PRIOR TO FINISH COLOR

RECEIVED
FEB 06 2001
PRIME CONSTRUCTION GROUP, INC.

AS BUILT

Cuhaci & Peterson Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

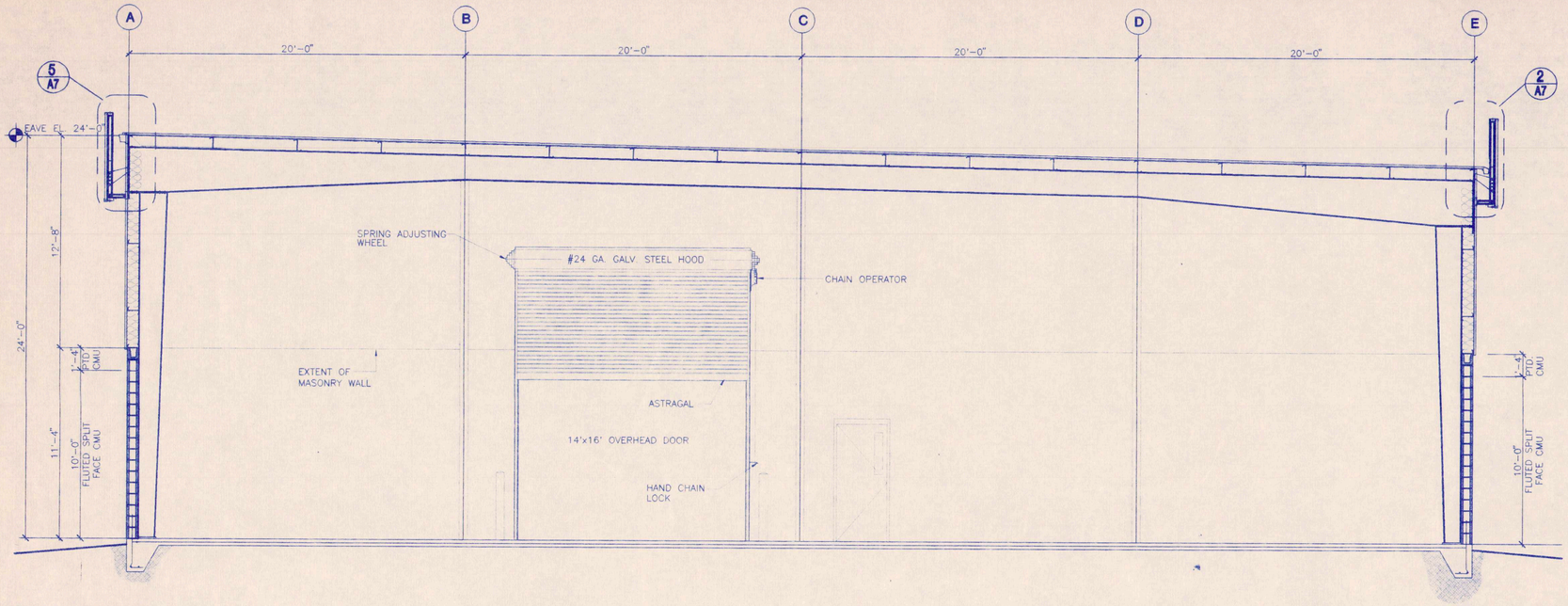
JOB TITLE
P.C.G. INC.
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

DRAWING TITLE
EXTERIOR ELEVATIONS & DETAILS

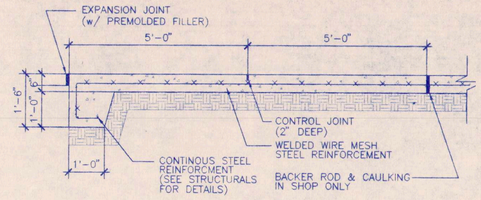
REVISION :	
1 4/27/00	5
2 6/2/2000	6
3	7
4	8

JOB NO.	99228
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	CRW
CHECKED	JAF

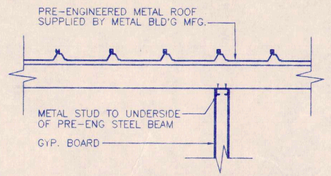
DRAWING NO.
A5



1 A6 **BUILDING SECTIONS**
SCALE: 1/4" = 1'-0"

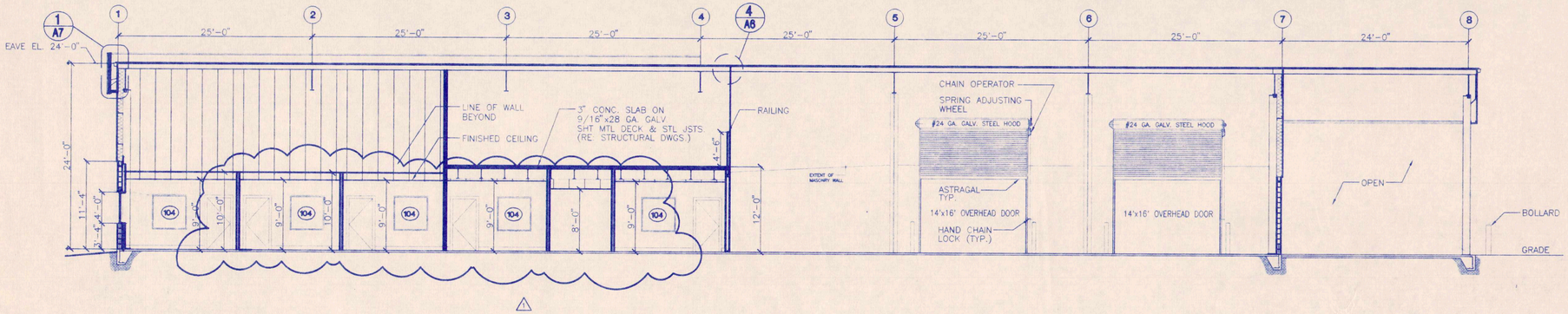


3 A6 **TYPICAL SECTION THRU CONCRETE**
SCALE: 1/2" = 1'-0"



4 A6 **PARTITION SECTION DETAIL**
SCALE: 1/2" = 1'-0"

AS BUILT



2 A6 **BUILDING CROSS SECTION**
SCALE: 1/8" = 1'-0"

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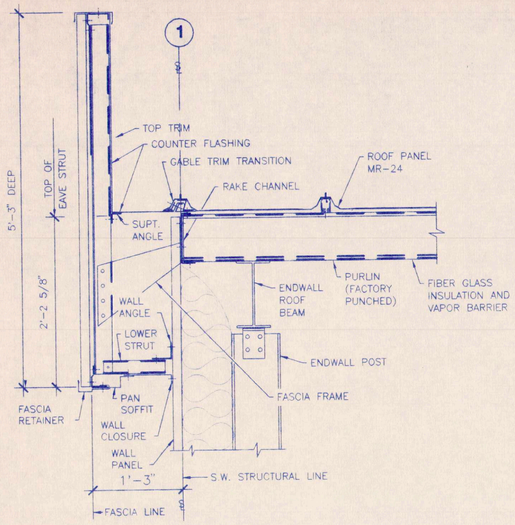
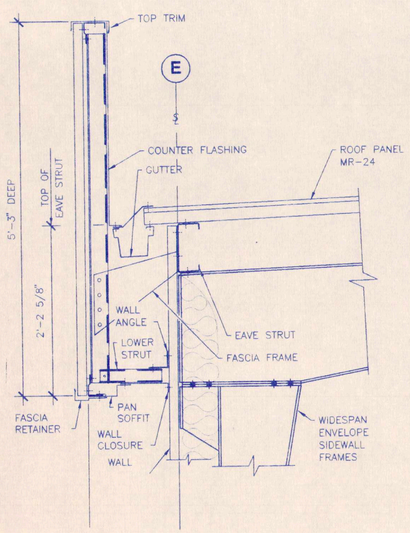
DRAWING TITLE
BUILDING SECTIONS & SECTION DETAILS

REVISION :	
1 6/2/2000	6
2	7
3	8
4	9

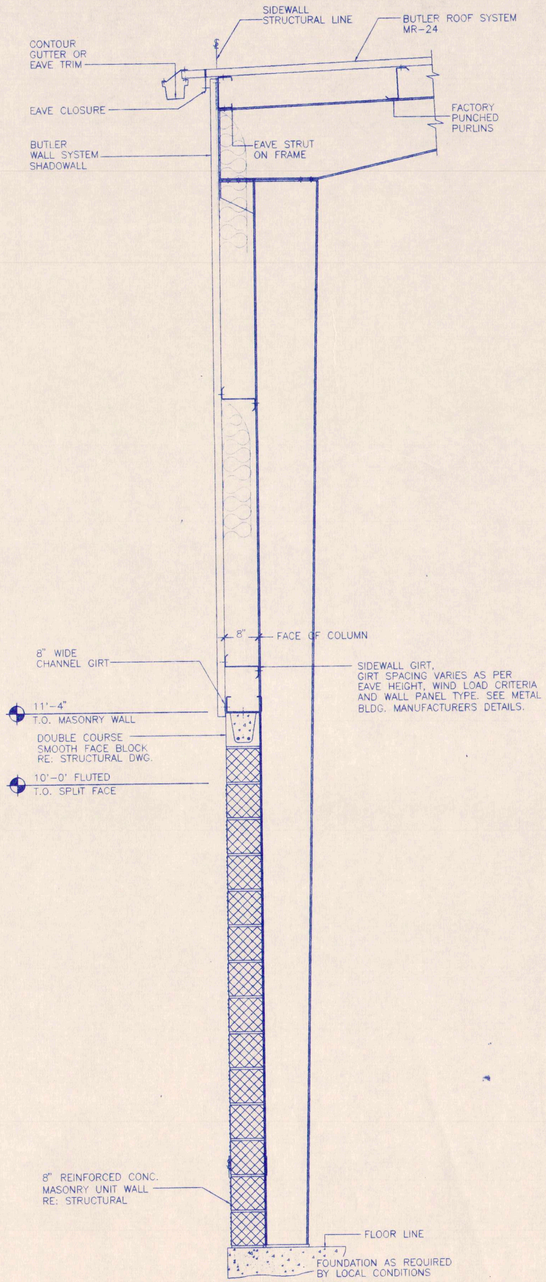
JOB NO.	99228
SCALE	AS SHOWN
DATE	4/20/2000
DRAWN	AJR
CHECKED	JAF
DRAWING NO.	A6



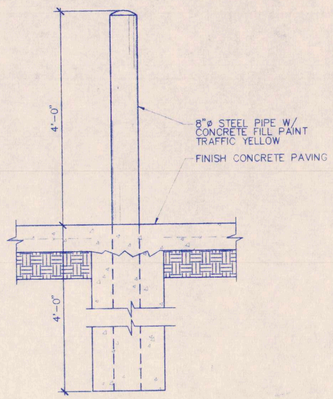
1 / A7 **FASCIA DETAIL @ ENDWALL**
SCALE: 1" = 1'-0"



2 / A7 **FASCIA DETAIL @ SIDEWALL (LOW SIDE)**
SCALE: 1" = 1'-0"

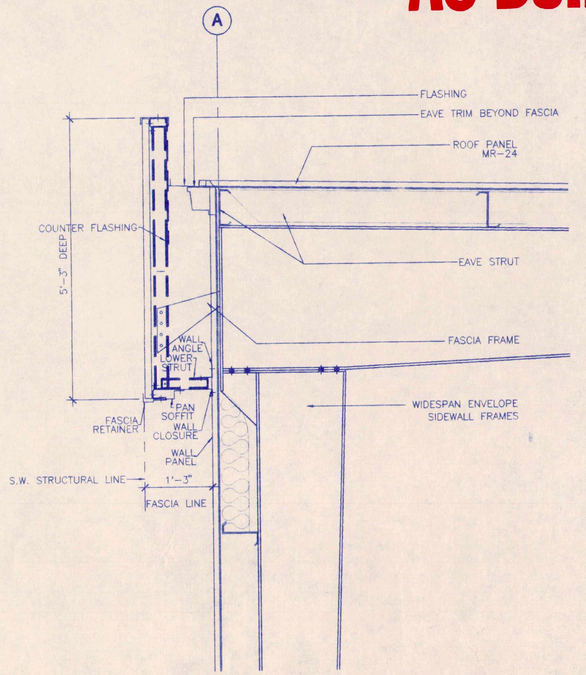


3 / A7 **WALL SECTION @ SIDEWALL (LOW SIDE)**
SCALE: 3/4" = 1'-0"



4 / A7 **STEEL BOLLARD DETAIL**
SCALE: 3/4" = 1'-0"

AS BUILT



5 / A7 **FASCIA DETAIL @ SIDEWALL (HIGH SIDE)**
SCALE: 3/4" = 1'-0"

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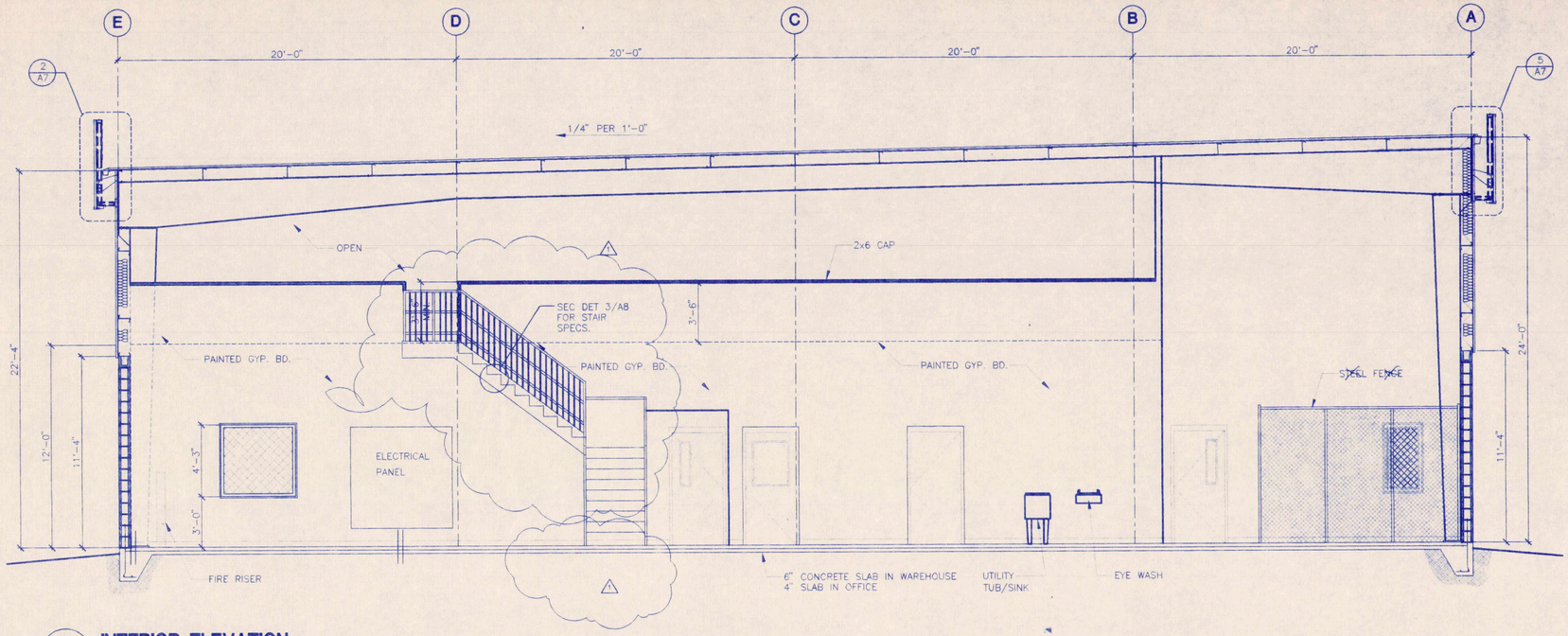
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

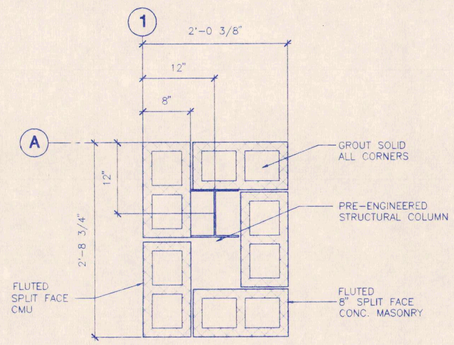
DRAWING TITLE
WALL SECTIONS & MISC. DETAILS

REVISION :	
1 6/2/2000	5
2	6
3	7
4	8

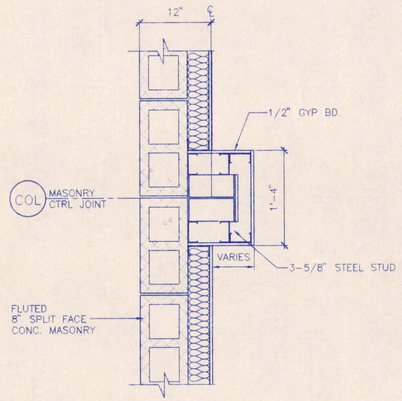
JOB NO.	99228
SCALE	AS SHOWN
DATE	4/20/2000
DRAWN	AJR
CHECKED	JAF
DRAWING NO.	A7



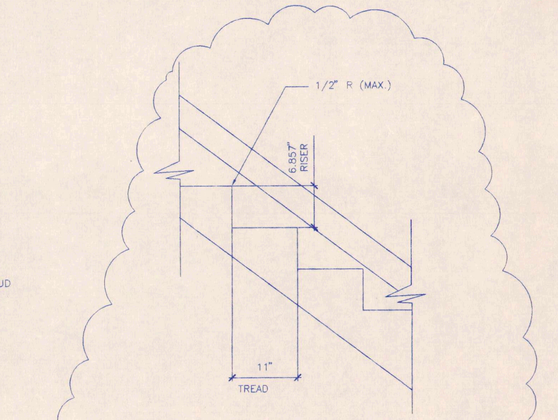
1 / A8 **INTERIOR ELEVATION**
SCALE: 1/4" = 1'-0"



4 / A8 **COLUMN DETAIL**
SCALE: 1"=1'-0"



5 / A8 **COLUMN DETAIL**
SCALE: 1"=1'-0"



3 / A8 **STAIR DETAIL**
SCALE: 1"=1'-0"

PER LIFE SAFETY CODE, 1994 EDITION
SECT. 3-2.2.2.1

STAIR REQUIRMENTS
MIN. WIDTH= 36"
MAX. RISER HEIGHT= 7"
MAX. TREAD= 11"
MIN. HEAD HEIGHT= 6'-8"
MAX. HEIGHT BETWEEN LANDINGS=12'-0" (144")

AS BUILT

ISSUED FOR CONSTRUCTION

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JOB TITLE
P.C.G, INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

DRAWING TITLE
INTERIOR ELEVATIONS AND DETAILS

REVISION :	
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2 6/5/2000	6
3	7
4	8

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SCALE	AS SHOWN
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DRAWN	AJR
CHECKED	JAF

DRAWING NO.
A8

HARDWARE SETS

NOTES:

1. PROVIDE ALL WEATHERSTRIPPING & THRESHOLDS.
2. ALL OFFICES, FILE ROOMS, STORAGE ROOMS, ENTRANCES, UTILITY ROOMS SHALL BE SECURED.
3. PROVIDE A MASTER KEY SYSTEM w/ SUB-DIVISIONS AS REQ'D.

1). ALUMINUM ENTRY

2 SCHLAGE MORTISE CYLINDER X 26D

NOTE: BALANCE OF HARDWARE BY ALUMINUM DOOR SUPPLIER

2). RECEPTION ROOM

3 HAGER HINGES BB1279
1 SCHLAGE D80PD RHODES LEVER STOREROOM KEYLOCK X 626
1 ADAMS RITE ELECTRIC STRIKE
1 DORMA DOOR CLOSER #7601 x ALUM.
1 IVES WALL STOP x 26D
3 IVES DOOR SILENCERS #20 x GRAY

3). PASSAGE SET

3 HAGER HINGES BB1279 4.5x4.5x26D
1 SCHLAGE AL10S SATURN LEVER PASSAGE LATCHSET x 626
1 DORMA DOOR CLOSER #7601 x ALUM.
1 IVES WALL STOP x 26D
3 IVES DOOR SILENCERS #20 x GRAY

4). OFFICE SET

3 HAGER HINGES 1279 4.5 x 4.5 x 26D
1 SCHLAGE AL53PD SATURN LEVER KEYLOCK x626
1 IVES WALL STOP x 26D
3 IVES DOOR SILENCERS #20 x GRAY

5). RESTROOMS/SHOWERS (OFFICE)

3 HAGER HINGES BB1279 4.5x4.5x26D
1 SCHLAGE AL40S SATURN LEVER PRIVACY LATCHSET x 626
1 DORMA DOOR CLOSER #7601 x ALUM
1 IVES WALL STOP x 26D
3 IVES DOOR SILENCERS #20 x GRAY

6). WAREHOUSE SET

3 HAGER HINGES BB1279 4.5 x 4.5 x NRP x 26D
1 SCHLAGE AL53PD SATURN LEVER KEYLOCK x 626
1 DORMA DOOR CLOSER #7601 x ALUM
1 PEMKO DOOR BOTTOM #217AV x 36" xALUM
1 PEMKO THRESHOLD #270A FLAT SADDLE
1 PEMKO WEATHERSTRIPPING #303AV x 17' x ALUM.

7). RESTROOMS/SHOWERS (WAREHOUSE)

3 HAGER HINGES BB1279 4.5x4.5x26D
1 SCHLAGE AL40S SATURN LEVER PRIVACY LATCHSET x626
1 DORMA DOOR CLOSER #7601 x ALUM.
1 PEMKO DOOR BOTTOM #217AV x 36" x ALUM.
1 PEMKO THRESHOLD #270A x 1/4" FLA" SADDLE x ALUM.
1 PEMKO WEATHERSTRIPPING #303AV x 17' ALUM.

8). EXTERIOR DOORS

3 HAGER HINGES BB1279 4.5x4.5xNRPx26D
1 SCHLAGE AL53PD SATURN LEVER KEYLOCKx626
1 IVES SECURITY LATCH GUARD #180x32D (STAINLESS STEEL)
1 DORMA DOOR CLOSER #7601 x ALUM.
1 PEMKO THRESHOLD #2005AVx36"xALUM.
1 PEMKO DOOR BOTTOM #217AVx36"xALUM
1 PEMKO WEATHERSTRIPPING #303AVx17'xALUM.
1 PEMKO RAIN DRIP CAP #346Cx40"xALUM.

9). CLOSETS

NOTE: ALL HARDWARE BY DOOR SUPPLIER

10). METAL ROLL-UP DOORS

OVERHEAD DOOR COMPANY OF ORLANDO
SERIES 600 DOOR- ORANGE COUNTY APPROVED AND MASTERFILED

GENERAL NOTES:

1. HEAD & JAMB: #12 TEK SCREW BE PLACED ON EACH SIDE OF EACH VERTICAL AND ANCHOR W/SAME AT 16" O.C.

KEYED NOTES

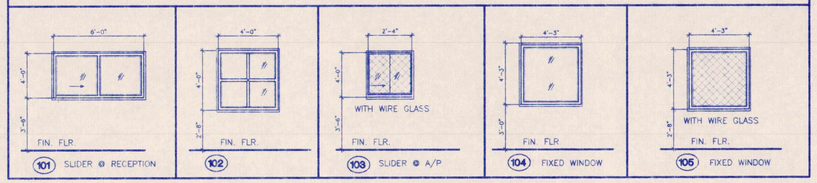
1. 3 5/8" ST20 METAL STUD FRAMING
2. 1/2" GYP. WALL BD
3. METAL FRAME SET ANCHORS PER MANUFACTURERS RECOMENDATIONS
4. INTERIOR PAINTABLE CAULK
5. VERTICAL DOUBLE STEEL STUD.
6. EXT. FLASHING TO MATCH STOREFRONT
7. BI-FOLD DOOR TRACK
8. PREFINISHED ALUMN. STOREFRONT
9. EXTERIOR GLAZING SEALANT-COLOR TO MATCH FRAME

WINDOW SCHEDULE

CLEAR ANODIZED FINISH FOR INTERIOR WINDOWS.
"VISTAWALL" OR APPROVED EQUAL – BLACK ANODIZED FINISH FOR EXTERIOR WINDOWS & DOORS.

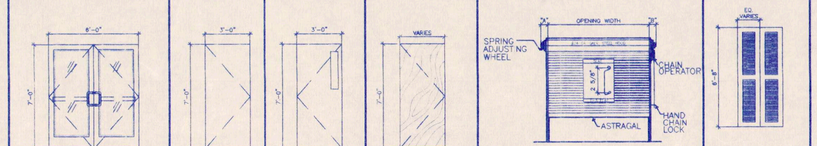
WINDOW #	FRAME SIZE	MATERIAL	FINISH	REMARKS	GLAZING (SEE ELEVATION "T"=TEMPERED)
101	8'-0"x4'-0"x 1 1/4"	ALUM	PRE-FINISHED	SLIDER w/ RUBBER STOPS	1/4" SAFETY CLEAR
102	4'-0"x4'-0"x 4 3/4"	ALUM	PRE-FINISHED	INTERNAL COLONIAL MUNTINS IN ALUM. STOREFRONT	1" INSULATED TINTED GLASS
103	2'-4"x4'-0"x 1 1/4"	ALUM	PRE-FINISHED	SLIDER w/ RUBBER STOPS	1/4" WIRE GLASS
104	4'-3"x4'-3"x 1 1/4"	ALUM	PRE-FINISHED	SINGLE PANE	1/4" SAFETY CLEAR
105	4'-3"x4'-3"x 1 1/4"	ALUM	PRE-FINISHED	SINGLE PANE w/ WIRE MESH	1/4" WIRE GLASS

WINDOW TYPES



101 SLIDER @ RECEPTION | 102 | 103 SLIDER @ A/P | 104 FIXED WINDOW | 105 FIXED WINDOW

DOOR TYPES



STILE ALUM. MEDIUM DOOR

12"x24" WIRE GLASS

MOHAWK STOCK MAHONGANY PRE-BRUSHING FINISHED

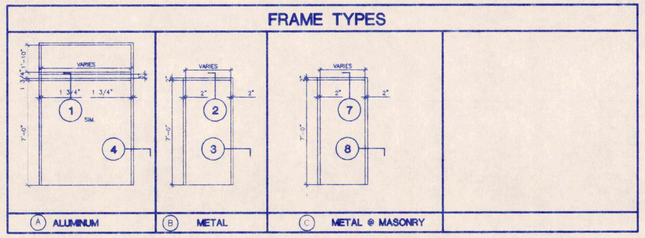
"OVERHEAD DOOR COMPANY OF ORLANDO, SERIES 600- ORANGE COUNTY APPROVED AND MASTERFILED."

1 ENTRY | 2 METAL | 3 METAL | 4 WOOD | 5 METAL 14'X16' ROLL-UP DOOR | 6 BI-FOLD

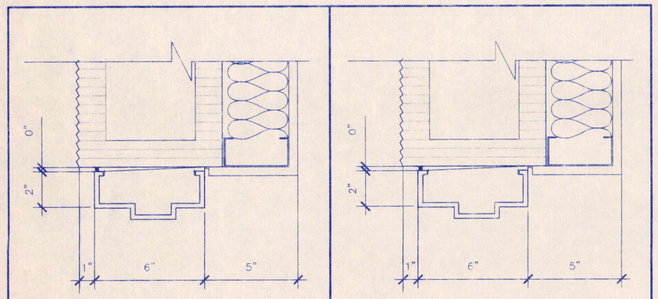
DOOR SCHEDULE

DOOR#	DOOR TYPE	DOOR SIZE	MATERIAL	FINISH	HDWE	REMARKS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME REMARKS
10	1	3'-0"x 7'-0" (PR.)	ALUM	PRE-FINISHED	1	TRANSOM	A	ALUM	PRE-FINISHED	BLACK ANODIZED FINISH
11	4	3'-0"x 7'-0"x1-3/4"	S.C. WOOD	PRE-FINISHED	2		B	METAL	PAINT	ELECTRONIC LOCK
12	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
13	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	3	6"x30" VISION CLEAR TEMPERED	B	METAL	PAINT	
14	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
15	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
16	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
17	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
18	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
19	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
20	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
21	4	2'-8"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
22	3	3'-0"x 7'-0"x 1 3/4"	H.METAL	PRE-PRIMED	8	6"x30" VISION	C	METAL	PAINT	WITH 4" HEAD
23	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
24	4	3'-0"x 7'-0"x1-3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
25	3 SIM.	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	6	24"x30" VISION	B	METAL	PAINT	
26	2	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	6	6"x30" VISION	B	METAL	PAINT	
27	2	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	7		B	METAL	PAINT	
28	2	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	7		B	METAL	PAINT	
29	3	3'-0"x 7'-0"	H/METAL	PRE-PRIMED	6	6"x30" VISION	B	METAL	PAINT	
30	3	3'-0"x 7'-0"	H/METAL	PRE-PRIMED	8	6"x30" VISION	C	METAL	PAINT	WITH 4" HEAD
31	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
32	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
33	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
34	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	3	6"x30" VISION CLEAR TEMPERED	B	METAL	PAINT	
35	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	3	6"x30" VISION W/ WIRE GLASS	B	METAL	PAINT	
36	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
37	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
38	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	4		B	METAL	PAINT	
39	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	5		B	METAL	PAINT	
40	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	5		B	METAL	PAINT	
41	4	3'-0"x 7'-0"x 1 3/4"	S.C. WOOD	PRE-FINISHED	5		B	METAL	PAINT	
42	2	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	7		B	METAL	PAINT	
43	5	14'-0"x16'-0"	ROLL-UP	PRE-PRIMED	10		–	METAL	PAINT	
44	3	3'-0"x 7'-0"x 1 3/4"	H/METAL	PRE-PRIMED	8	6"x30" VISION	C	METAL	PAINT	WITH 4" HEAD
45	6	4'-0"x 6'-8" BI-FOLD	S.C. WOOD	PAINT	9	PROVIDE PULLS	–	GWB	PAINT	W/ LOUVERS/DETAIL 2/5 THIS S

FRAME TYPES

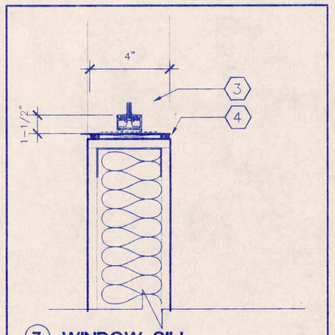


A ALUMINUM | B METAL | C METAL @ MASONRY

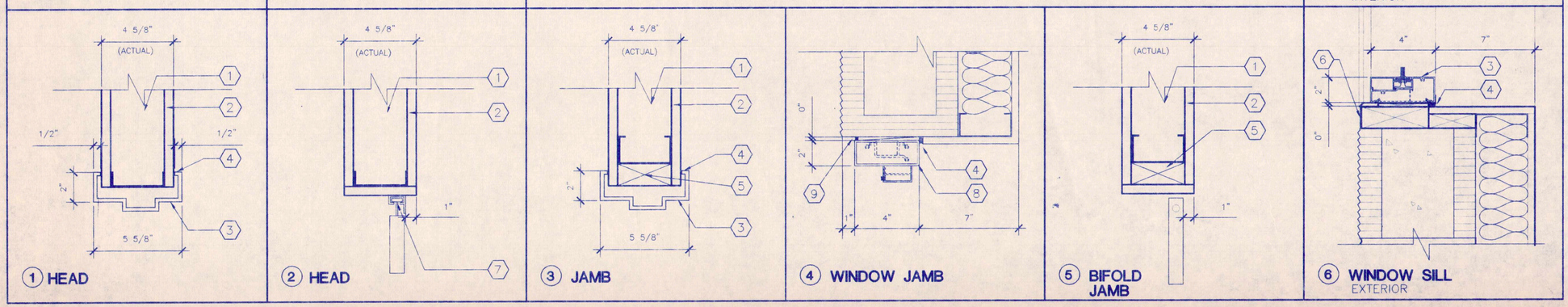


7 DOOR JAMB @ MASONRY

8 HEAD @ MASONRY



7 WINDOW SILL INTERIOR



1 HEAD | 2 HEAD | 3 JAMB | 4 WINDOW JAMB | 5 BIFOLD JAMB | 6 WINDOW SILL EXTERIOR

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RELEASED FOR CONSTRUCTION

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JOB TITLE
P.C.G., INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

DRAWING TITLE
DOOR/WINDOW
FIN. SCHED'S/DETAIL

REVISION :
1 6/5/2000
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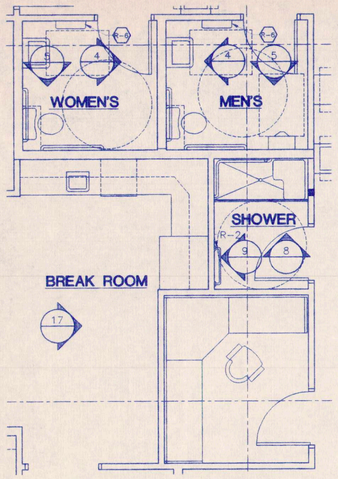
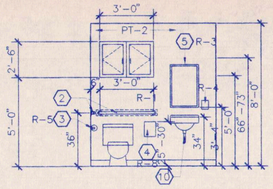
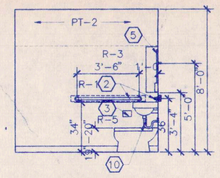
JOB NO.	99228
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	CRW
CHECKED	JAF
DRAWING NO.	A9



1 RESTROOM & SHOWER PLANS
SCALE: 1/4" = 1'-0"



4 WAREHOUSE RESTROOM ELEVATIONS
SCALE: 1/4" = 1'-0"



5 WAREHOUSE RESTROOM ELEVATIONS
SCALE: 1/4" = 1'-0"

TOILET ROOM ACCESSORIES

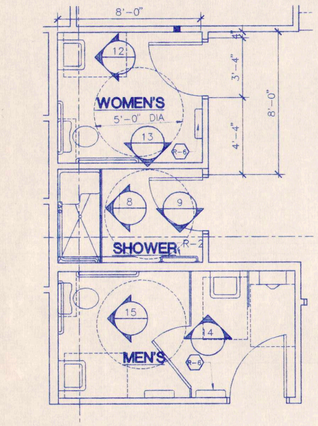
MARK	ITEM	MANUF.	ID. #	DESCRIPTION
R-1	GRAB BAR	BOBRICK	#B-6106	1 1/2" DIA. EXPOSED MOUNTING, SATIN FINISH
R-2	24" TOWEL BAR	BOBRICK	#B-673	STAINLESS STEEL
R-3	MIRROR	BOBRICK	#B-165	24x36 STAINLESS STEEL, FRAMED MIRROR
R-4	SOAP DISPENSER	BOBRICK	#B-2111	SATIN FINISH, STAINLESS STEEL CONTAINER VANDAL-RESISTENT LID, STAINLESS STEEL LATHER VALVE, CAPACITY: 40 FL. OZ. (WALL MOUNTED)
R-5	TOILET PAPER DISP	BOBRICK	#B-4288	MULTI-ROOL (SURFACE MOUNT), SATIN FINISH
R-6	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	#B-3944	STAINLESS STEEL
R-7	60" SHOWER ROD	BOBRICK	#B-6047	STAINLESS STEEL
R-8	SANT. NAPKIN DISPENSER	BOBRICK	#B-270	STAINLESS STEEL, SATIN FINISH (WOMENS ONLY)

RESTROOM KEYED NOTES

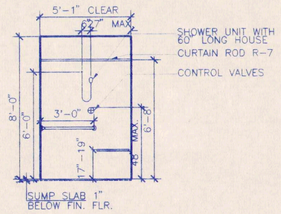
1. TOILET STALL PARTITION, URINAL SCREEN - 18" X 42"
2. GRAB BARS IN EACH TOILET ROOM. MOUNT 3'-0" A.F.F. PROVIDE BLOCKING FOR GRAB BARS.
3. TOILET TISSUE DISPENSER. MOUNT TOP AT 2'-4" A.F.F. FURNISHED AND INSTALLED BY G.C.
4. FEMININE NAPKIN DISPOSAL: MOUNT TOP BETWEEN 25" - 30"
5. MIRROR (AT EACH LAVATORY) MOUNT BOTTOM AT 3'-4" A.F.F.
6. PROVIDE BLOCKING AS REQUIRED FOR WALL HUNG CABINETRY
7. 5'-0" DIAMETER WHEEL CHAIR SPACE ALLOWANCE.
8. NOT USED
9. COUNTER BACKSPLASH 4" HIGH
10. LAVATORY SINK W/PROTECTIVE JACKET AROUND PIPES
11. CABINETRY BY G.C.
12. TOILET PARTITION ENCLOSURE

6 NOT USED
SCALE: 1/4" = 1'-0"

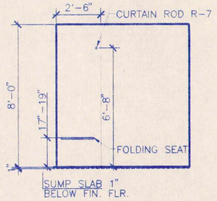
7 NOT USED
SCALE: 1/4" = 1'-0"



2 RESTROOM & SHOWER PLANS
SCALE: 1/4" = 1'-0"

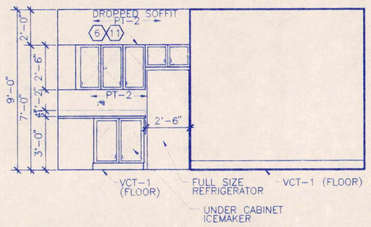


8 SHOWER ROOM ELEVATION
SCALE: 1/4" = 1'-0"



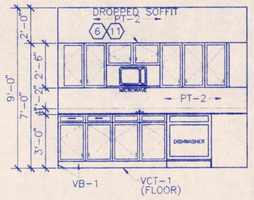
9 SHOWER ROOM ELEVATION
SCALE: 1/4" = 1'-0"

16 NOT USED
SCALE: 3" = 1'-0"



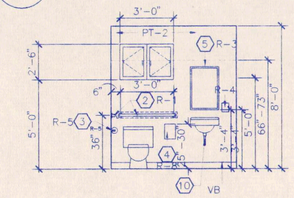
18 BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"

17 NOT USED
SCALE: 3" = 1'-0"



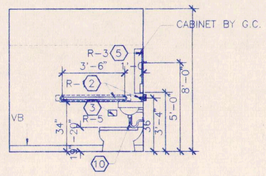
19 BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"

10 NOT USED
SCALE: 1/4" = 1'-0"

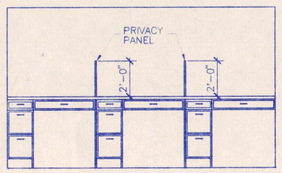


12 WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

11 NOT USED
SCALE: 1/4" = 1'-0"



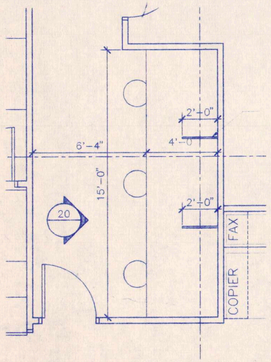
13 WOMEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



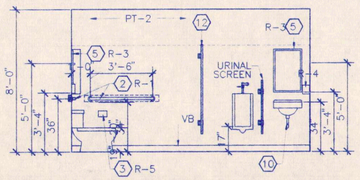
20 PLAN VIEWING BAR ELEVATION
SCALE: 1/4" = 1'-0"

AS BUILT

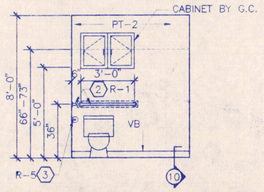
*ALL CABINETRY BY OTHERS



3 PLAN VIEW OF BAR
SCALE: 1/4" = 1'-0"



14 MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



15 MEN'S RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

21 NOT USED
SCALE:

RELEASED FOR CONSTRUCTION

Cuhaci & Peterson Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

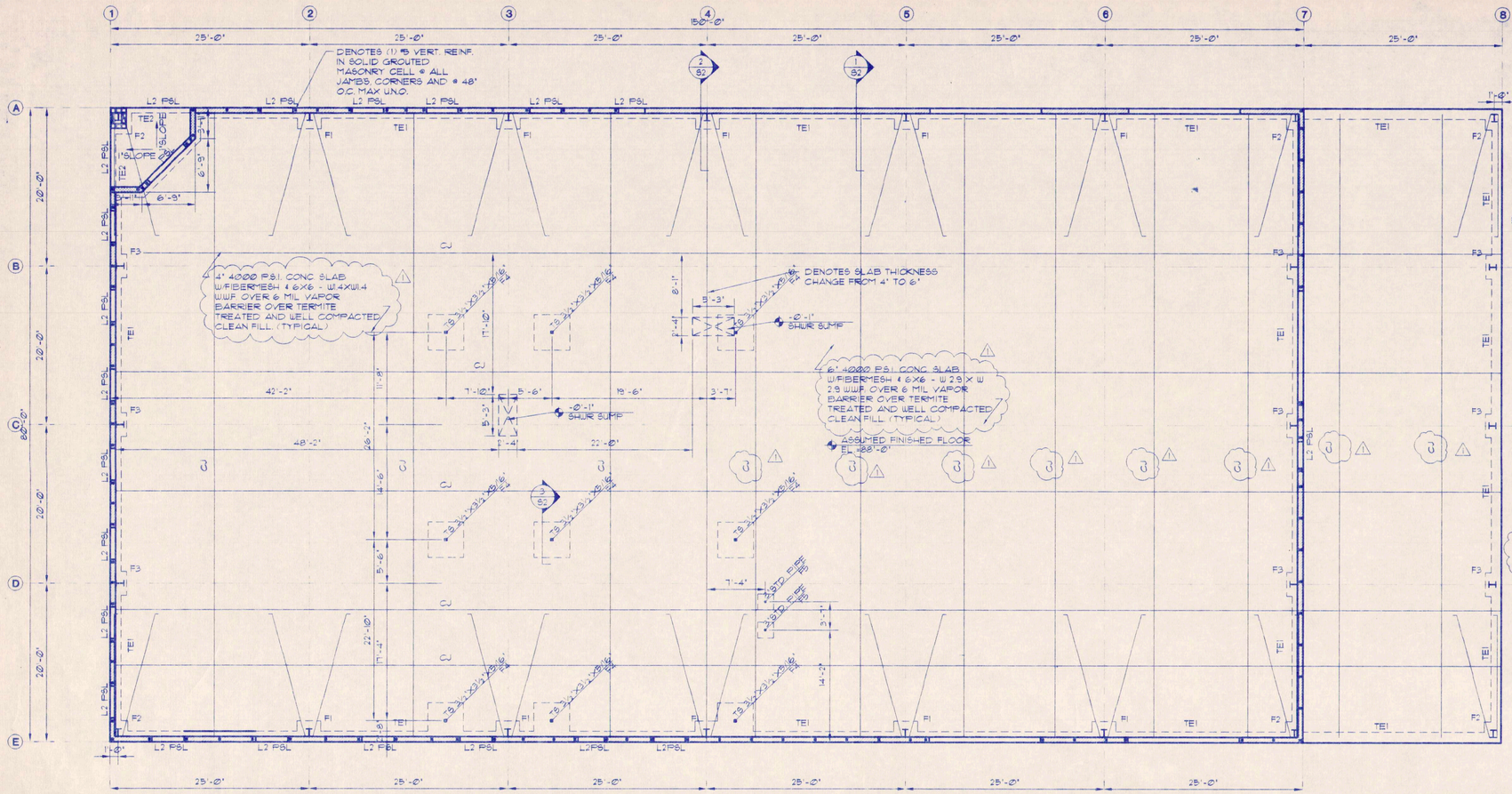
JOB TITLE
P.C.G., INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

DRAWING TITLE
RESTROOM PLANS & INT. ELEVATIONS

REVISION :	
1 6/5/2000	5
2	6
3	7
4	8

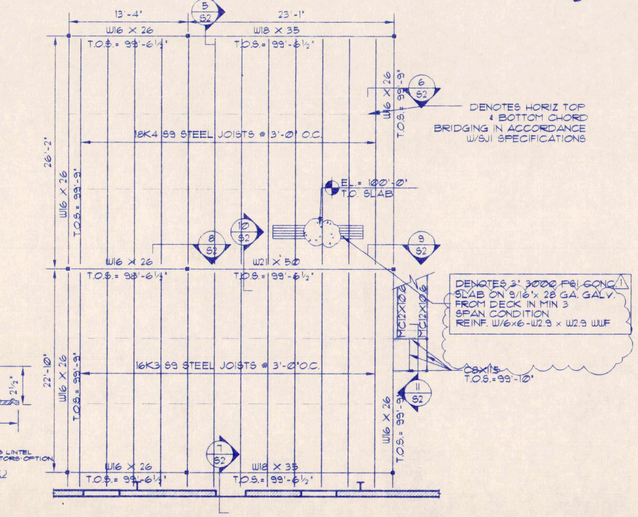
JOB NO.	99228
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	MCL
CHECKED	JAF

DRAWING NO.
A10



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

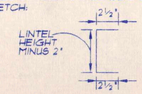


MEZZANINE PLAN

SCALE: 1/8" = 1'-0"

L-1, L-2, L-3 NOTES

1. PRODUCT NAME (PATENT NO. 4757656): SBCCI PST & ESI # 93-132)
   PREFORMED POWERS STEEL LINTEL SHALL BE GALVINIZED COIL STEEL AS MANUFACTURED BY: POWERS STEEL AND WIRE PRODUCTS, INC. STEEL GRADE SHALL BE ASTM A570- GRADE C F_y = 40 ksi
2. SHORE LINTELS AS REQUIRED TO COMPENSATE FOR DEAD LOAD DEFLECTION ON NON-CURED MASONRY
3. LINTELS TO BE USED WITH BRICK OR CONCRETE MASONRY UNITS HAVING A MINIMUM F'm AS SHOWN.
4. STEEL SURFACES IN CONTACT WITH GROUT AND/OR MORTAR SHALL BE UNPAINTED AND FREE OF MATERIAL THAT MIGHT INHIBIT BOND.
5. BEARING EACH END SHALL BE 3" PLUS OR MINUS 1". BEARING SHALL BE ON A MINIMUM 8" DEEP GROUTED CELL EXCEPT THAT L2 AND L3 LINTELS MAY BEAR ON 1 1/4" THICK MINIMUM FACE SHELL.
6. F'm: 1500 psi MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N.
7. GROUT: 3,000 psi SLUMP RANGE: 8" TO 11" ROD OR VIBRATE GROUT ADEQUATELY TO ENSURE CONSOLIDATION OF GROUT (NO AIR POCKETS) GROUT SHALL COMPLY WITH ASTM C476-83 AND BE EITHER COURSE OR FINE GROUT.
8. MORTAR: TYPE "S" OR TYPE "M" (1800 psi)
9. TOP REINFORCING OR TOP OF WALL REINFORCING IS REQUIRED BY CODES TO PROVIDE A CONTINUOUS TIE AROUND A STRUCTURE AND TO PROVIDE FOR UPLIFT RESISTANCE AT LINTELS. TOP REINFORCING IS NOT REQUIRED AND IS NOT PART OF THE POWERS STEEL LINTELS (EXCEPT AT THE L-1 LINTELS A REINFORCING BAR IS REQUIRED FOR THE STEEL STIRRUPS). SIZING OF TOP REINFORCING IS THE RESPONSIBILITY OF THE BUILDING ARCHITECT OR ENGINEER. ALTERNATELY, TOP REINFORCING COULD BE SIZED PER SBCCI DOCUMENT SSTD 10-93.
10. ATTACHMENTS TO TOP OF WALL PER ARCHITECTURAL AND/ OR ENGINEERING DRAWINGS.
11. STEEL STIRRUPS SHALL CONFORM TO ASTM A82 F_y = 60 Ksi MINIMUM. STIRRUPS SHALL BE 5/16" DIAMETER SMOOTH ROD AND SHALL BE FABRICATED SUCH THAT THE STIRRUPS HAVE SPRING AND TEND TO REMAIN IN THE HOLES IN THE LINTEL DUE TO THE SPRING. STIRRUPS SHALL HOOK 3/4" AND FIT INTO HOLE IN LINTEL VERTICAL LEG AS SHOWN. AN ALTERNATE SIZE STEEL STIRRUP SHALL BE 2-5/16" + x 2 1/2 x LINTEL HEIGHT MINUS 2" x 2 1/2" PER SKETCH.



STIRRUP- PLACEMENT (NOTE: STIRRUPS AT L1 LINTEL ONLY).

12" DEEP LINTEL - 11 STIRRUPS AT 4" O.C. EACH END (22 TOTAL STIRRUPS). 16" DEEP LINTELS - 6 STIRRUPS AT 8" O.C. EACH END (12 TOTAL STIRRUPS). STIRRUP SHALL BE 1 1/2" CLEAR FROM TOP OF GROUT.

12. PLACE FIRST STIRRUP 4" FROM FACE OF JAMB AS SHOWN, ±1".
13. MASONRY WALL MAY OCCUR ABOVE COMPOSITE LINTEL HEIGHT. THE DEAD LOAD WEIGHT OF THE LINTEL MAY BE EXCLUDED FROM THE LOAD CALCULATIONS DUE TO THE COMPOSITE NATURE OF THE LINTEL ASSEMBLY.
14. #5 REINFORCING BAR (GRADE 40) TO BEAR ON BOTTOM OF STEEL LINTEL AS SHOWN AND TO BE THE SAME LENGTH AS LINTEL.
15. MANUFACTURE:

POWERS STEEL PRODUCTS LINTELS

418 EAST ELWOOD
PHOENIX, ARIZONA 85040
PHONE (602) 437-1160
FAX (602) 437-5409

DAYTONA BEACH FL. GIL SUMMERS
PH# FAX 1-904-239-5549
PAGER# 1-800-542-5576
TAMPA FL. KARL GRETZINGER
PGR# 1-800-519-5022
FAX# 1-813-759-6889

16. TECHNICAL DATA AND ENGINEERING POWERS LINTELS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING:
    - SBCCI SSTD 10-93
    - STANDARD BUILDING CODE - 1994
    - AISI LIGHT GAGE COLD FORMED STEEL DESIGN - 1990

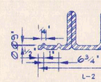
TECHNICAL ASSISTANCE IS AVAILABLE FROM THE MANUFACTURER ON SPECIAL DESIGN PROBLEMS OR LINTEL DEPTHS DIFFERENT THAN THOSE SHOWN IN THE LOAD TABLES.

STRUCTURAL ENGINEER FOR THESE LINTELS IS:

CARUSO, TURLEY SCOOT INC.
2702 North 44th Street, Suite 200
Phoenix, Arizona 85008
Phone No. (602) 912-9200
Fax (602) 912-9390

IF AN INSPECTOR, CONTRACTOR, SUBCONTRACTOR OR PLANS EXAMINER HAS ANY TECHNICAL QUESTIONS PLEASE CALL PAUL SCOTT PE COLLECT.

17. INSTALLATION
    POWERS LINTELS ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES, SET TO PROPER LINE AND LEVEL, PLUMB AND TRUE, AND IN CORRECT RELATION TO OTHER WORK.



NOTE:
16 GAUGE OR 20 GAUGE ERBIS LINTEL MAY BE USED AT CONTRACTORS OPTION

PF92.9 (16 GAUGE)
S MIN. = .369 IN³
I MIN. = .433 IN⁴

STRUCTURAL DESIGN CRITERIA

GOVERNING CODES AND SPECIFICATIONS

1. Standard Building Code, 1997 Edition.
2. Load and Resistance Factor Design Specification for Structural Steel Buildings.
3. Specifications for Structural Steel Buildings, Allowable Stress Design and Plastic Design, June 1, 1989.
4. Building Code Requirements for Reinforced Concrete, ACI 318-89.
5. Minimum Design Loads for Buildings and Other Structures, ASCE 7-88.
6. Standard Specifications for Open Web Steel Joists, K-Series, September 1, 1994.

VERTICAL DESIGN LOADS

1. Mezzanine Dead Load ..... 50 PSF
2. Mezzanine Live Load ..... 125 PSF LIVE LOAD PER TABLE 1604.1
3. Wind Load: Basic Pressure
   100 MPH Region ..... 23.0 PSF
   Use coefficients from SBC Chapter 16.

LATERAL DESIGN LOADS

EXTERIOR VERTICAL SURFACES:
1. Wind Load: Basic Pressure
   100 MPH Region ..... 23.0 PSF
   Use coefficients from SBC Chapter 16.

GENERAL STRUCTURAL NOTES

FOUNDATION

1. Foundation design is based on an allowable soil bearing pressure of 2000 PSF and on recommendations made by Andreyev Engineering, Inc. within soils report # FGT-99-246 for PCG Properties, Inc. dated November 30, 1999.
2. Refer to the above referenced soils reports for recommendations regarding soil conditions, temporary groundwater control, general site preparation, fill placement and compaction requirements.
3. Contractor shall provide complete reports, prepared by a Florida Registered Geotechnical Engineer, of all monitoring and testing performed to bring the foundation strata within conformance of design recommendations. Monitoring and testing shall be performed in accordance with the project specifications.
4. Provide 6 mil vapor barrier over compacted subgrade for slab on grade. Vapor barrier shall be lapped a minimum of 6 inches in direction of concrete pour. Care shall be exercised to prevent damage or rupture of barrier. Where columns, pipe conduit, etc. penetrate membrane, cut around projection and seal with joint tape.

CONCRETE

1. All concrete work shall be accomplished in accordance with "Specifications for Structural Concrete for Buildings", ACI 301-89.
2. All concrete shall have a specified minimum compressive strength of 4000 PSI w/ min. flyash content of 10% except mezzanine slab which shall be 3,000 PSI at 28 days, w/ min. flyash content of 10%
3. Concrete aggregate shall be 3/4" in accordance with ASTM C33.
4. Submit mix design for review prior to concrete pour.
5. Fibermesh shall be 100% virgin polypropylene, fibrillated fibers containing no reprocessed olefin materials and specifically manufactured to an optimum gradation for use as concrete secondary reinforcement. Volume per cubic yard shall equal a minimum of 0.1% (1.5 pounds).
6. Contractor shall follow ACI recommendations for curing of slabs to minimize random cracking.

REINFORCEMENT

1. Reinforcing steel shall be in accordance with ASTM A615, Grade 60.
2. Masonry joint reinforcement shall be hot-dip galvanized steel wire in accordance with ASTM A82.
3. Welded wire fabric shall be in accordance with ASTM A185 and shall be placed in the upper 1/3 of the slab.

STEEL JOISTS

1. Design of steel joists shall be in accordance with Standard Specifications for Open Web Steel Joist, K-Series.
2. The manufacturer shall design the roof joists and joists with exterior exposure to resist the net uplift as specified on the plans. Allowable stresses may be increased by 1/3 only under the guidelines of the AISC Specification Section A52.
3. The joist manufacturer shall be a member of the Steel Joist Institute.

PRE-ENGINEERED METAL BUILDING

1. All structural mill sections and welded plate sections shall be designed in accordance with the AISC Specification for Structural Steel Buildings.
2. All cold-formed steel structural members shall be designed in accordance with the AISC Specification for the Design of Cold-Formed Steel Structural Members.
3. The contractor shall submit complete engineering design analysis and erection drawings for the proper identification and assembly of all building components fro review prior to fabrication. These drawings shall indicate bolt patterns, transverse cross sections, sidewall elevations, endwall and roof framing, wind bracing and accessory installation details.
4. The engineering design analysis and erection drawings shall bear the seal of a Florida registered engineer.
5. Pre-engineered metal buildings shall be engineered and fabricated to meet the AISC certification standard for Category MB.

STEEL JOISTS

1. Design of steel joists shall be in accordance with Standard Specifications for Open Web Steel Joist, K-Series.
2. The manufacturer shall design the roof joists and joists with exterior exposure to resist the net uplift as specified on the plans. Allowable stresses may be increased by 1/3 only under the guidelines of the AISC Specification Section A52.
3. The joist manufacturer shall be a member of the Steel Joist Institute.

MASONRY

1. All concrete masonry work shall be in accordance with "Specifications for Concrete Masonry Structures" ACI 530.1-95.
2. Concrete masonry units shall be in accordance with ASTM C90, Grade N, Type II and shall be of a type such that the cores line up vertically.
3. Compressive strength of masonry assemblage shall be 1500 PSI minimum.
4. Masonry mortar shall be in accordance with ASTM C270, Type S or M.
5. Grout for masonry work shall be in accordance with ASTM C476, Coarse Type, and shall attain a compressive strength of 2,000 PSI at 28 days.
6. Provide 9 gauge ladder type joint reinforcing at 16" on center vertically in all masonry construction. Lap joint reinforcement a minimum of 6" and discontinue at all wall joints.
7. Submit manufacturer's test data of masonry units and assemblage for review prior to construction.
8. Provide cleanout at the base of all grouted masonry cells. Clean masonry void to be grouted of all debris and mortar protrusions.
9. Provide masonry precast lintel with minimum 8" bearing over all masonry openings.
10. Provide our-o-wall at 8" o.c. instead of 16" o.c. at stak bond split face masonry units.

MISCELLANEOUS

1. Contractor shall brace all construction against gravity, lateral and uplift loads until structure is complete.
2. Coordinate structural work with architectural plans and all other trades.
3. All construction shall be in accordance with the Standard Building Code, 1997 Edition.

Aug. 8, 2000

HB ASSOCIATES, INC.
STRUCTURAL/CIVIL ENGINEERING
990 LEWIS DRIVE
WINTER PARK, FLORIDA 32789
(407) 740-5666
FAX (407) 740-7900

Cuhaci & Peterson Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

JOB TITLE
P.C.G., INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

AS BUILT

DRAWING TITLE
FOUNDATION \ FRAMING PLAN

REVISION :	
1 4/18/00	5
2 6/5/2000	6
3	7
4	8

JOB NO.	HB-99-261
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	SRT
CHECKED	SB
DRAWING NO.	S1

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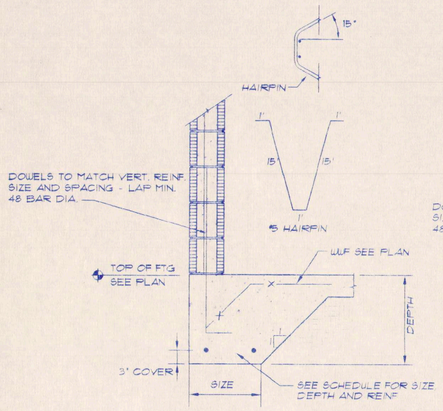

1 / S2 SECTION
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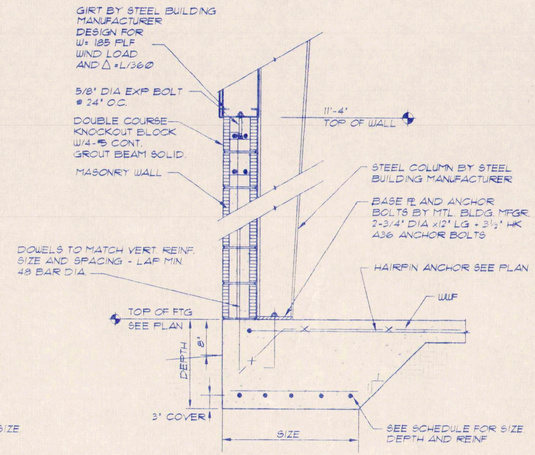

2 / S2 SECTION
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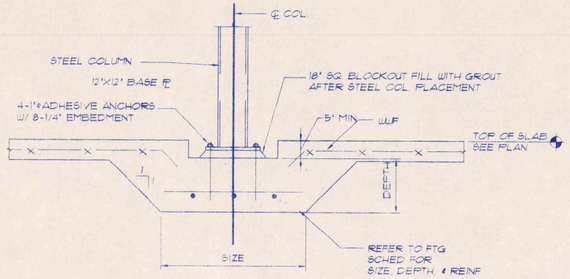

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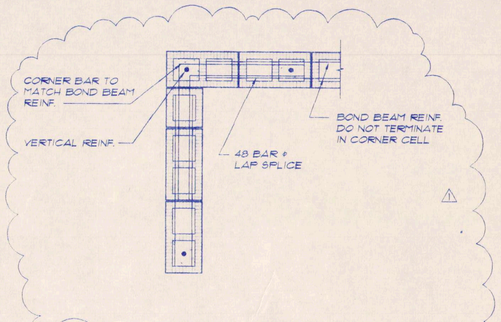
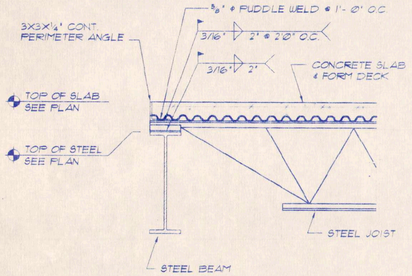
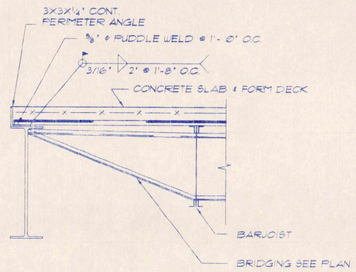


4 / S2 TYP. WALL REINFORCEMENT
SCALE: 3/4"=1'-0"



5 / S2 SECTION
SCALE: 3/4"=1'-0"



6 / S2 SECTION
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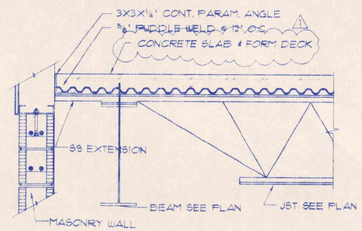

7 / S2 SECTION
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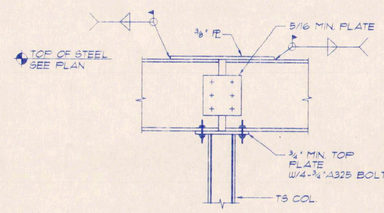

8 / S2 SECTION
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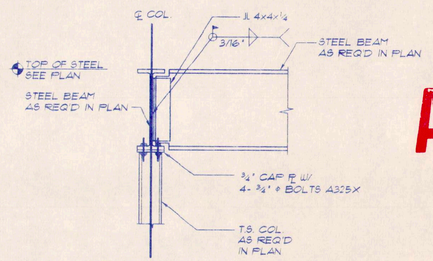

9 / S2 SECTION
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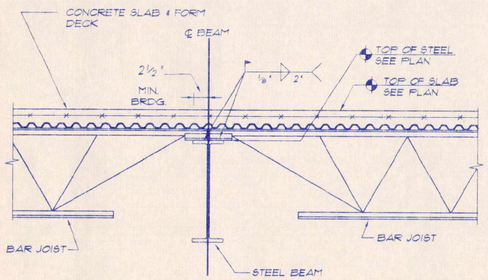
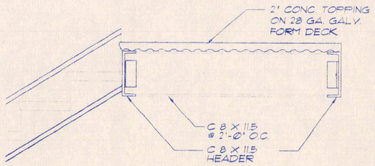


10 / S2 SECTION
SCALE: 3/4"=1'-0"



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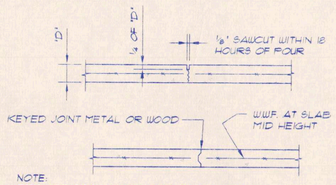


NOTE:
PROVIDE SPACING OF JOINT AS CALLED FOR BY SPECS OR AS SHOWN ON PLANS BUT NOT TO EXCEED MAX. SPACING OF (15'-0")

FOUNDATION SCHEDULE

MARK	SIZE	DEPTH	REINFORCEMENT	T.O.F.
F1	2'-6" x 5'-6"	1'-0"	3-#5 LONG BOTTOM 5-#5 SHORT BOTTOM	88'-0"
F2	2'-6" SQUARE	1'-0"	3-#5 E.W. BOTTOM	88'-0"
F3	2'-4" x 2'-6"	1'-0"	2-#5 LONG BOTTOM 3-#5 SHORT BOTTOM	88'-0"
F4	5'-0" SQUARE	1'-2"	4-#5 E.W. BOTTOM	88'-0"
F5	2'-0" SQUARE	1'-0"	2-#5 E.W. BOTTOM	88'-0"
TE1	2'-0" CONT.	1'-0"	3-#5 CONT. BOTTOM	88'-0"
TE2	1'-4" CONT.	1'-0"	2-#5 CONT. BOTTOM	88'-0"

RELEASED FOR CONSTRUCTION (date) Aug 8 2000

HB ASSOCIATES, INC.
STRUCTURAL/CIVIL ENGINEERING
990 LOWRY DRIVE
WINTER PARK, FLORIDA 32789
(407) 740-5444
FAX (407) 740-7990

Cuhaci & Peterson Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

JOB TITLE
P.C.G., INC
1000 JETSTREAM DRIVE
ORLANDO, FLORIDA

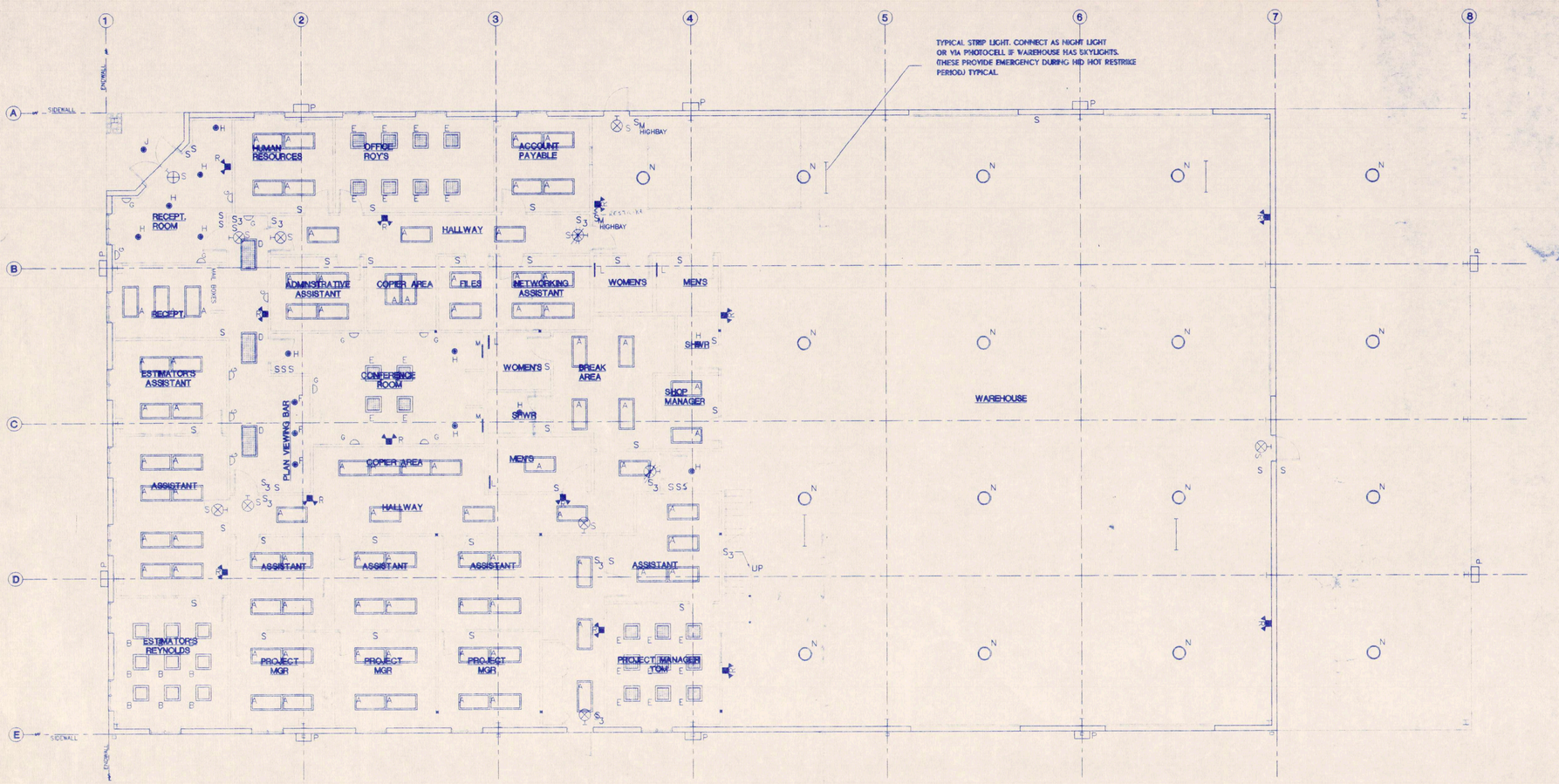
AS BUILT

DRAWING TITLE
DETAILS

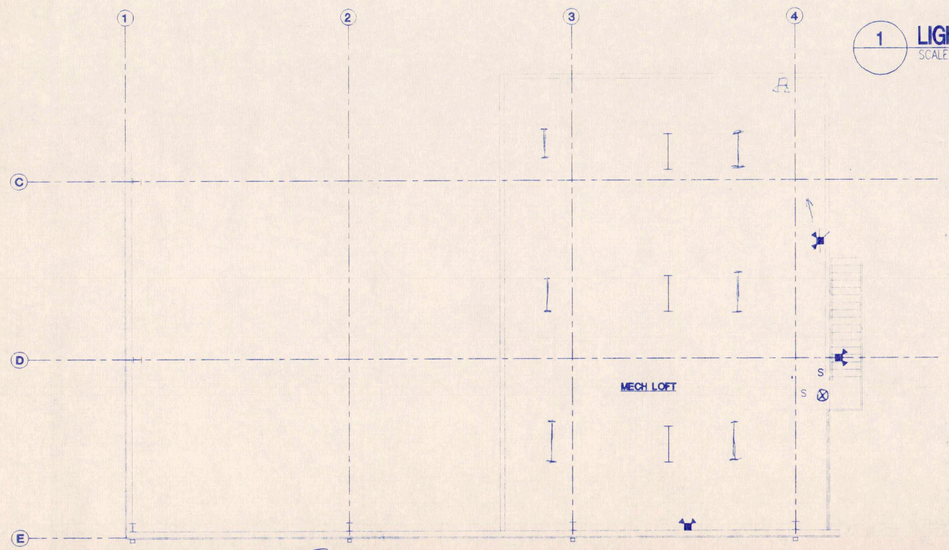
REVISION :	
1 4/18/00	
2	
3	
4	

JOB NO.	HB-99-261
SCALE	AS SHOWN
DATE	4/10/2000
DRAWN	SRT
CHECKED	SB

DRAWING NO.
S2



1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- PENDANT HUNG FLUORESCENT LIGHT FIXTURE
- EXIT LIGHT (WALL MOUNTED)
- EMERGENCY EXIT LIGHT
- 400 WATT METAL HALIDE INDUSTRIAL LIGHT
- 2'-0"x4'-0" FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT
- EXHAUST FAN
- CEILING HEIGHT TAG

SERVICE CALCULATIONS:

RECEPTACLES:	130*180 VA	=	10000
OFFICE LIGHTING:	6000*3W*125%	=	6700
WAREHOUSE LIGHTING:	6400*125%	=	24000
OUTSIDE LIGHTING:	840*125%	=	8000
EQUIPMENT:	10000	=	10500
HVAC:	45000	=	49000
TOTAL VA =	TOTAL VA =		108200

(108200/208)/1.732 = 300 AMP
400 AMP SERVICE RECOMMENDED

CODE NOTES:

1. ALL RECEPTACLES IN THE WAREHOUSE ARE TO BE GFI.
2. MAXIMUM SIX(6) RECEPTACLES PER CIRCUIT IN OFFICE
3. MAXIMUM THREE(3) RECEPTACLES PER CIRCUIT IN WAREHOUSE.
4. ALL OUTSIDE RECEPTACLES TO BE GFI.
5. PER 99 NEC AND CODE LETTER "J"

POWER DESIGNER:

TONY DINATALE
A&D ELECTRIC, INC
1153 10TH STREET #E
CLERMONT, FL 34711

ENGINEER:

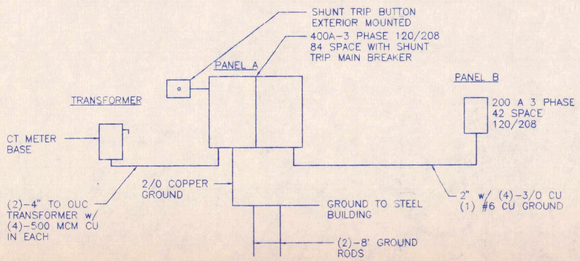
ALEX PIPER, P.E.
1226 TURNER ROAD
WINTER PARK, FL 32789

SWITCHING NOTES:

S SINGLE POLE 48" AFF
S^3 3-WAY POLE 48" AFF
S^4 4-WAY POLE 48" AFF
S^D DIMMER
S^M MOMENTARY SWITCH

LIGHTING SCHEDULE

ID	MANUF.	CATALOG NO.	LAMP No	LAMP TYPE	LAMP WATTS	FINISH	MOUNTING	REMARKS
A	COLUMBIA	J242320FSA12EBB120	2	FL	32	WHITE	LAY-IN	PRISMATIC
B	COLUMBIA	J222320U6GFSA12EBB120	2	FL	32	WHITE	LAY-IN	PRISMATIC
C	COLUMBIA	J242332FGSA12EBB120	3	FL	32	WHITE	LAY-IN	PRISMATIC
D	COLUMBIA	VP24232GND36SEBB120	2	FL	32		LAY-IN	PARABOLIC
E	COLUMBIA	VP22232U6GMA33EBB120	2	FL	32		LAY-IN	PARABOLIC
F	HALO	HB03 CAN 810 TRIM	2	FL	26	SPEC/ALZAR	RECESSED	RECESSED CAN OPEN TRIM
G	HALO	H600 CAN 1625 TRIM	1	FL	22	WHITE	RECESSED	WALL WASH
H	HALO	HR02 CAN 810 TRIM	2	FL	18	SPEC/ALZAR	RECESSED	RECESSED CAN OPEN TRIM
I	HALO	H27T CAN 419 TRIM	1	INC	75R30	EYEBALL	RECESSED	RECESSED ADJ. EYEBALL
J	HALO	M700T 611CAN 1700 TRIM	1	HPS	35	SPEC/ALZAR	RECESSED	DAMP LOCATION/PHOTO CELL
K	HALO	HB03 HP CAN 800 TRIM	1	INC	60	WHITE	RECESSED	SHOWER
L	COLUMBIA	SA217EBB120	2	FL	17	WHITE	SURFACE	VANITY
M	HUBBELL	UL1178	1	FL	17	WHITE	SURFACE	UNDER CABINET
N	GE	EHB40MOL	1	MH	400		SURFACE	HIGH BAY
P	GE	WM4740SO	1	HPS	400	BRONZE	SURFACE	PHOTO CELL WALLPACK
Q	COLUMBIA	CS8259EBB120	2	FL	59	WHITE	SURFACE	FLOOR STRIP
R	PRESCOLITE	EMAX	2	INC	6	WHITE	SURFACE	EMERGENCY LIGHT
S	PRESCOLITE	XT3RENW		LED		WHITE	SURFACE	EXIT LIGHT
T	LSI	CTM3400SFMTB(208V)	1	HPS	40	BRONZE	30' CONC. POLE	SHOE BOX



AS BUILT

RELEASED FOR CONSTRUCTION (date) AUG 8 2000

Cuhaci & Peterson Architects
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Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

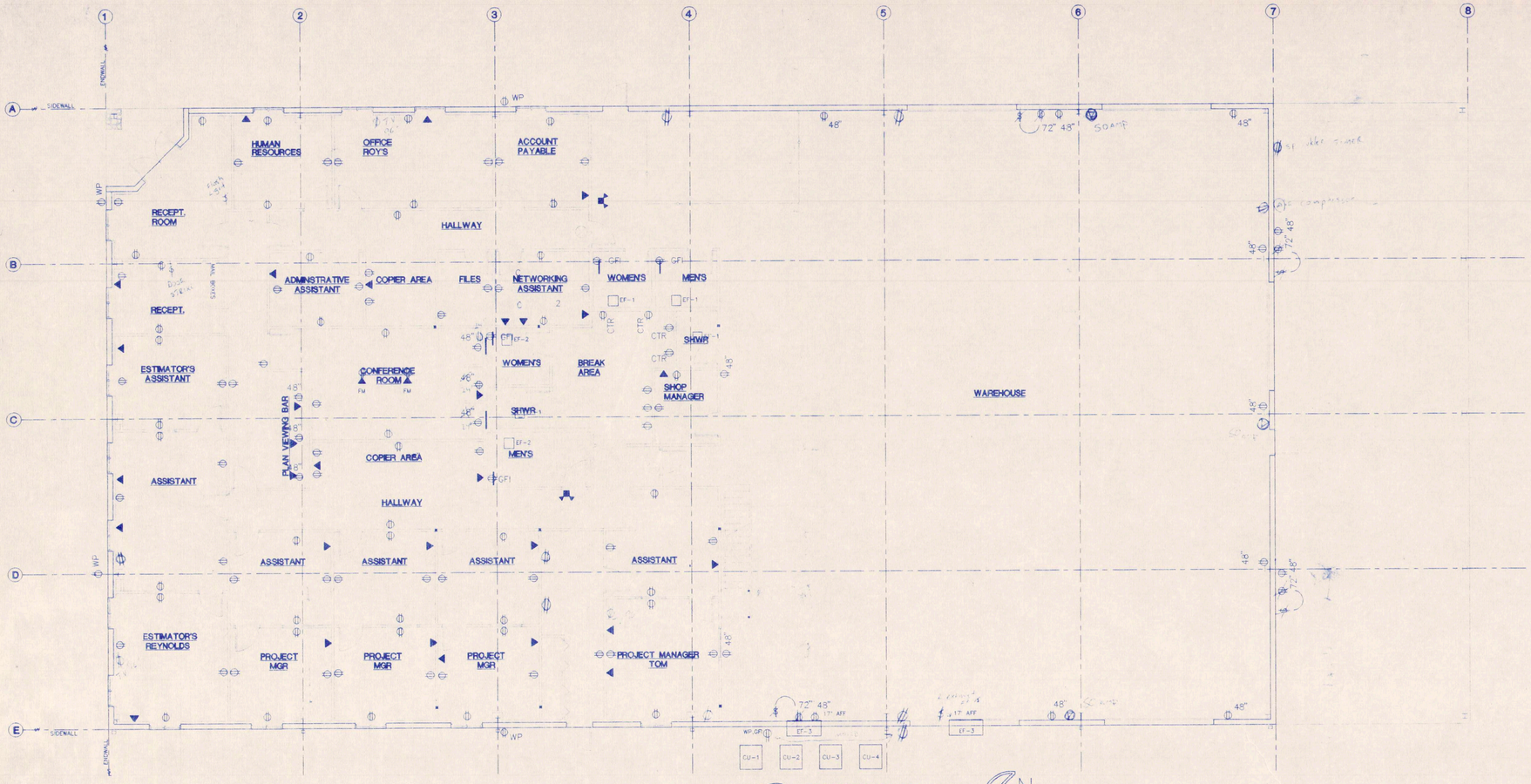
JOB TITLE: PRIME CONSTRUCTION GROUP, INC. ORLANDO, FL

DRAWING TITLE: ELECTRICAL LIGHTING PLAN

REVISION: 1 2 3 4 5 6 7 8

JOB NO.	99228
SCALE	AS SHOWN
DATE	5/3/00
DRAWN	CRW
CHECKED	AP

DRAWING NO. E1



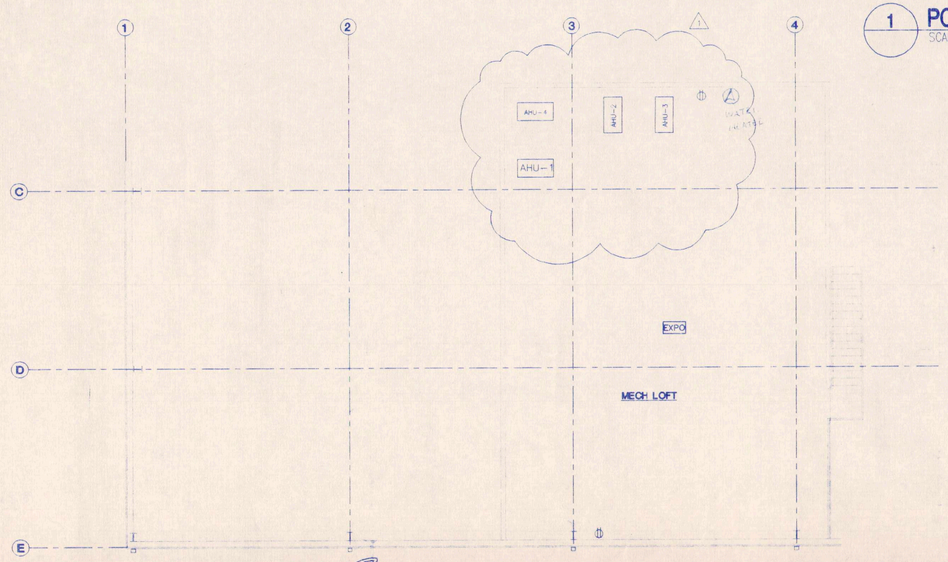
1 POWER PLAN
SCALE: 1/8" = 1'-0"

LEGEND

⊕ DUPLEX 20-AMP RECEPTACLE, 18" AFF U.N.O.

◀ COMMUNICATIONS OUTLET BOX, 18" AFF U.N.O. PROVIDE 3/4"C TO ACCESSABLE CEILING SPACE.

AS BUILT



2 POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTE:
PER 99 NEC & CODE LETTER J

HVAC EQUIPMENT ELECTRICAL CHARACTERISTICS

MARK	VOLT	PH	MOTORS	HEAT	RLA	LRA	MCA	MOCP	MANUF	MODEL	SIZE	LOCATION
AHU-1	208	1	1/2 HP	10 KW			66	70	CARRIER	FB4ANF042	1400 CFM	MECH. LOFT
CU-1	208	1	0.8 AMP		19.9	119.0	26.3	40	CARRIER	38TKB042	3.5 TON	ON GRADE
AHU-2	208	1	1/3 HP	7.5 KW			90	90	CARRIER	FB4ANF060	1000 CFM	MECH. LOFT
CU-2	208	1	0.8 AMP		13.7	71.0	17.9	25	CARRIER	38TKB030	2.5 TON	ON GRADE
AHU-3	208	1	1/4 HP	6 KW			40	40	CARRIER	FB4ANF024	800 CFM	MECH. LOFT
CU-3	208	1	0.5 AMP		11.2	61.0	14.3	20	CARRIER	38TKB024	2 TON	ON GRADE
AHU-4	208	3	1.5 AMP	15 KW			54	60	CARRIER	40RM007	2400 CFM	MECH. LOFT
CU-4	208	3	1.9 AMP		19	142.0	25.6	35	CARRIER	38AK070	6 TON	ON GRADE
EF-1	120	1	1.0 AMP				1	20	GREENHECK	SP-117	120 CFM	TOILET
EF-2	120	1	1.0 AMP				1	20	GREENHECK	SP-125	200 CFM	TOILET
EF-3	120	1	1/3 HP				7	20	GREENHECK	SPF-36	4000 CFM	WAREHOUSE

NOTES:
1. RLA AND LRA ARE FOR THE UNIT COMPRESSOR ONLY, MCA AND MOCP ARE FOR THE ENTIRE UNIT.
2. ALL AIR HANDLERS AND CONDENSING UNITS SHALL HAVE A SINGLE POINT CONNECTION.
3. VERIFY UNIT NAMEPLATE PRIOR TO ORDERING MATERIALS OR ROUGH-IN. WHEN HACR RATED CB'S MATCH UNIT NAMEPLATES EXACTLY, THEN FUSES ARE NOT REQUIRED IN DISCONNECTS.
4. VERIFY EXHAUST FANS ARE THERMALLY PROTECTED. OTHERWISE PROVIDE MOTOR STARTERS.
5. VERIFY MECHANICAL SUBMITTAL DATA PRIOR TO ORDERING MATERIALS.

RELEASED FOR CONSTRUCTION (date) 8/14/2000

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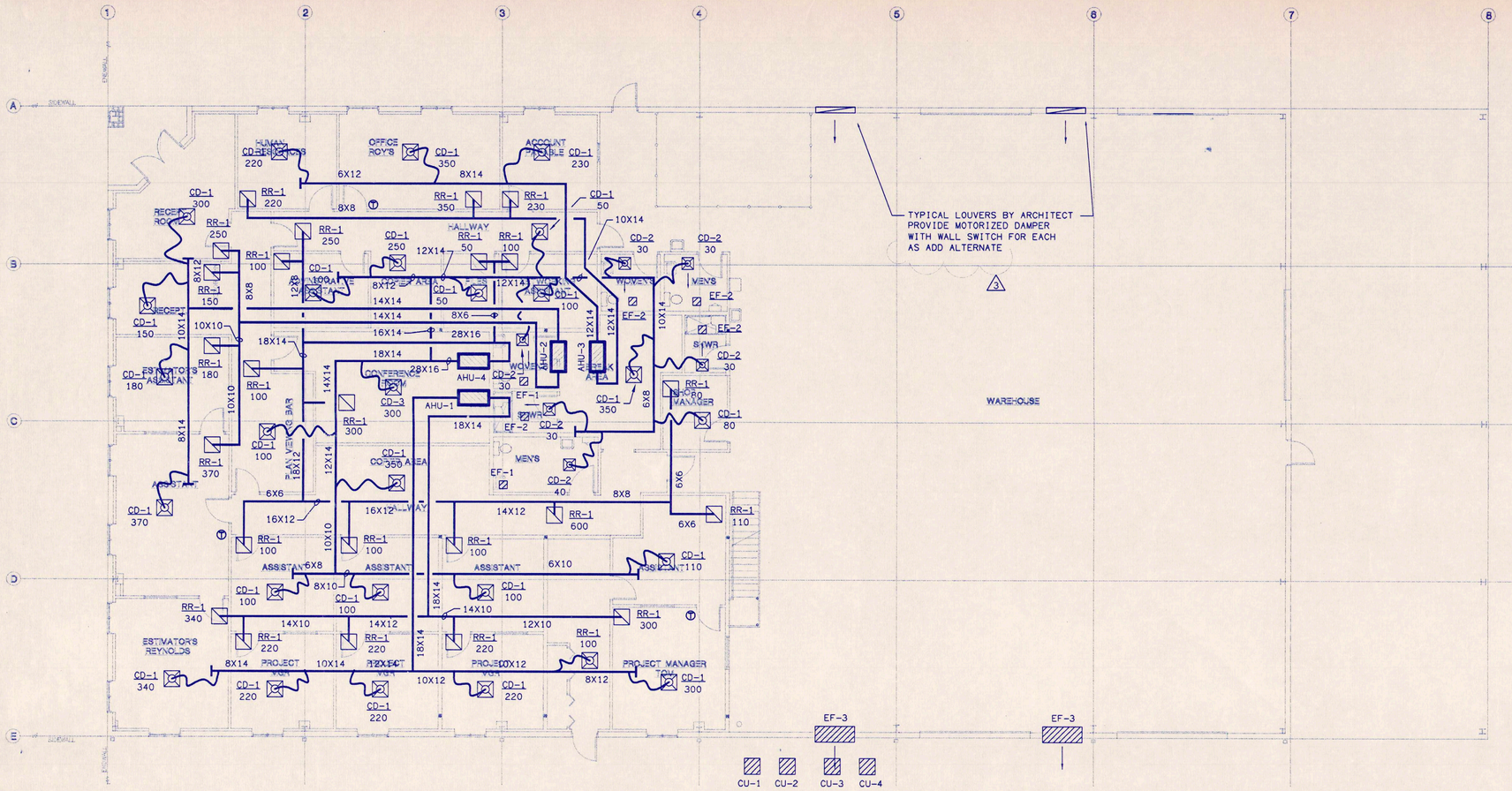
JOB TITLE
PRIME CONSTRUCTION GROUP, INC.
ORLANDO, FL

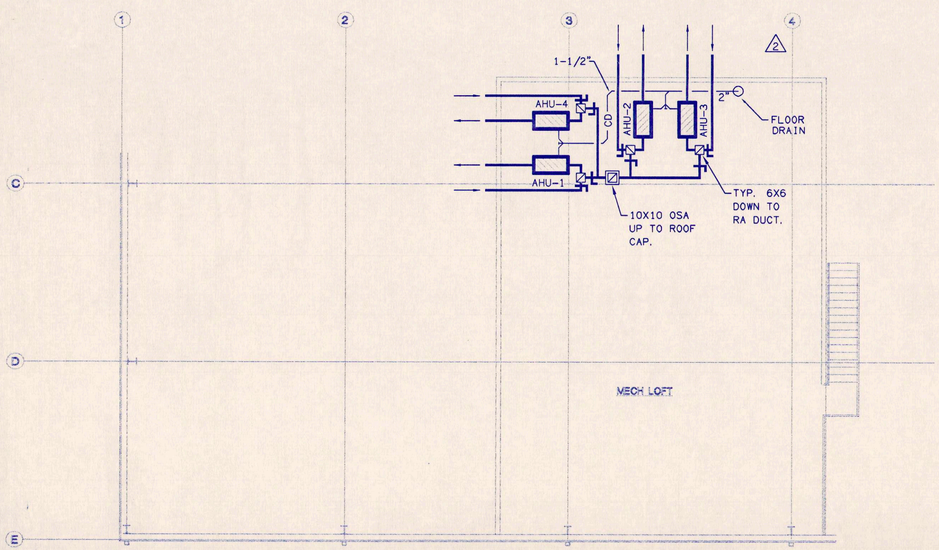
DRAWING TITLE
POWER PLAN

REVISION :
1 5/12/00
2
3
4
5
6
7
8

JOB NO. 99228
SCALE AS SHOWN
DATE 5/3/00
DRAWN CRW
CHECKED AP
DRAWING NO.
E2

C:\PROJ\F\99228\2562.dwg Wed Aug 09 13:58:03 2000 Cuhaci & Peterson Architects, Orlando, FL





SYMBOL LIST

- RIGID DUCTWORK
- FLEX DUCT
- CD-1 : CEILING DIFFUSER
- RG-1 : RETURN GRILLE
- THERMOSTAT
- LOCKING VOLUME DAMPER
- —CD— CONDENSATE DRAIN

FLOOR PLAN - HVAC

1/8" = 1'0"

AS BUILT

RELEASED FOR CONSTRUCTION (date) 4/06/2000

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CONSULTING ENGINEERS
P. O. BOX 3634, WINTER PARK, FLORIDA 32789
407.366.7256 OFFICE / 407.366.7146 FAX

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1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
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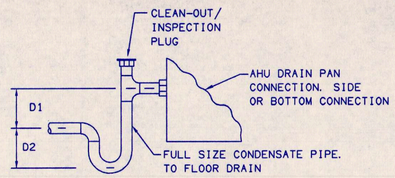
JOB TITLE
PRIME CONSTRUCTION GROUP, INC.
ORLANDO, FL.

DRAWING TITLE
FLOOR PLAN - HVAC

REVISION :	
1 03 MAY 2000 OWNER COMMENTS	5
2 05 JUNE 2000 D. C. COMMENTS	6
3 28 JULY 2000 REVISIONS	7
4	8

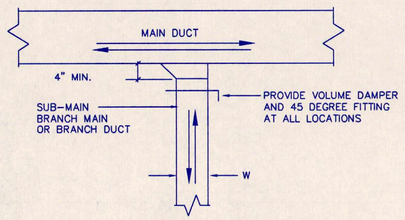
JOB NO.	98000
SCALE	1/8" = 1'-0"
DATE	1-1-1998
DRAWN	RIV
CHECKED	JAA
DRAWING NO.	M-I



	DIMENSION D1, INCHES (MINIMUM)	DIMENSION D2, INCHES (MINIMUM)
DRAW-THROUGH AIR HANDLER	EQUAL TO FAN NEGATIVE PRESSURE, BUT NOT LESS THAN 3"	EQUAL TO FAN NEGATIVE PRESSURE, BUT NOT LESS THAN 3"
BLOW-THROUGH AIR HANDLER	2"	EQUAL TO FAN TOTAL STATIC PRESSURE, BUT NOT LESS THAN 4"

CONDENSATE DRAIN P-TRAP

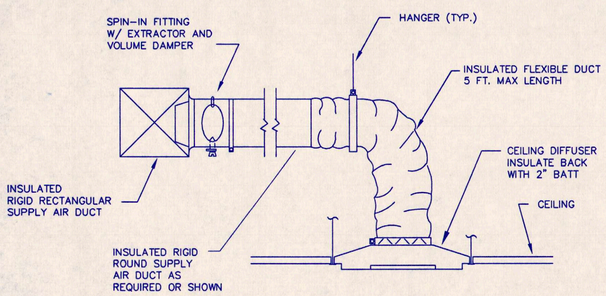
NOT TO SCALE



NOTE:
THE BRANCH DUCT TAKE-OFF MAY BE USED FOR UP TO 15% OF THE MAIN DUCT CFM ANYTIME AND UP TO 40% WHEN THE MAIN DUCT VELOCITY IS 1000 FPM OR LESS. ALL SUPPLY, RETURN, OUTSIDE AIR, AND EXHAUST DUCTS.

BRANCH DUCT

NOT TO SCALE



CEILING DIFFUSER AND BRANCH DUCT

NOT TO SCALE

GENERAL NOTES – HVAC (CONT.)

21. RIGID SUPPLY AND RETURN DUCTWORK SHALL BE R-6 MANSVILLE "SUPERDUCT" OR APPROVED EQUAL. OUTSIDE AIR DUCTWORK SHALL BE SHEETMETAL WITH R-6 INSULATION WRAP. EXHAUST DUCTWORK SHALL BE SHEETMETAL AND SHALL NOT BE INSULATED.

22. FLEXIBLE ROUND SUPPLY AIR DUCTWORK SHALL BE CLASS 1 WITH MINIMUM R-6 INSULATION AND INTERNAL PLASTIC LAMINATE LINING, FLEXMASTER TYPE 9M OR APPROVED EQUAL. PROVIDE SPIN-IN FITTING WITH AIR SCOOP AND LOCKING VOLUME DAMPER AT ALL FLEXIBLE BRANCH DUCT CONNECTIONS TO SUPPLY AIR DUCT.

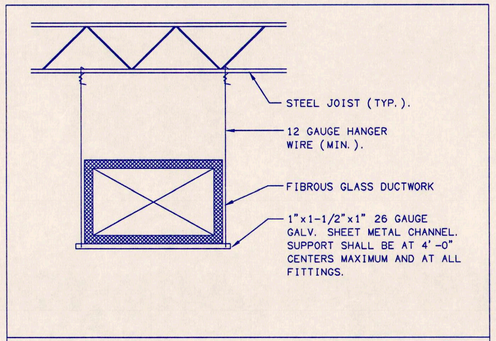
23. EF-1 : NEW CEILING MOUNTED EXHAUST FAN, GREENHECK MODEL SP-125 OR APPROVED EQUAL. EXHAUST AIR = 200 CFM @ 0.15" E.S.P. MAX SONES = 5.0. FAN MOTOR = 1.0 AMPS. VOLT/PHASE = 120/1. PROVIDE SOLID STATE SPEED CONTROLLER. PROVIDE WALL MOUNTED ON/OFF SWITCH. PROVIDE INTEGRAL BACKDRAFT DAMPER AND EXHAUST DUCT UP TO ROOF CAP.

24. EF-2 : NEW CEILING MOUNTED EXHAUST FAN, GREENHECK MODEL SP-117 OR APPROVED EQUAL. EXHAUST AIR = 120 CFM @ 0.15" E.S.P. MAX SONES = 5.0. FAN MOTOR = 1.0 AMPS. VOLT/PHASE = 120/1. PROVIDE SOLID STATE SPEED CONTROLLER. PROVIDE WALL MOUNTED ON/OFF SWITCH. PROVIDE INTEGRAL BACKDRAFT DAMPER AND EXHAUST DUCT UP TO ROOF CAP.

25. EF-3 : WALL MOUNTED EXHAUST FAN, GREENHECK MODEL SPF-360R APPROVED EQUAL. EXHAUST AIR = 4000 CFM @ 0.15" E.S.P. MAX SONES = 10.0. FAN MOTOR = 1/3 HP. VOLT/PHASE = 120/1. COORDINATE MOUNTING LOCATION WITH ARCHITECT. PROVIDE WALL MOUNTED ON/OFF SWITCH. PROVIDE INTEGRAL BACKDRAFT DAMPER AND OSHA MOTOR SIDE GUARD.

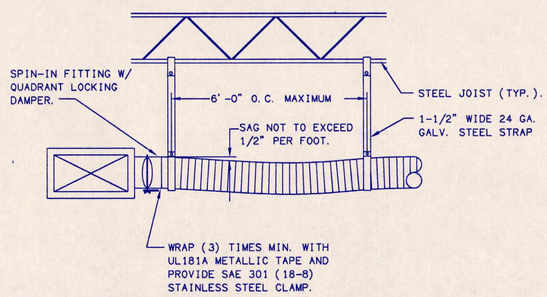
26. AIR HANDLING UNITS : PROVIDE NEW HORIZONTAL UNITS WITH SINGLE POINT ELECTRICAL CONNECTION, 30% FILTERS. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC. PROVIDE CONDENSATE P-TRAP AND ROUTE DRAIN, FULL SIZE OF UNIT CONNECTION, TO FLOOR DRAIN IN MECH ROOM. PROVIDE SEVEN DAY PROGRAMMABLE HEATING/COOLING THERMOSTAT BY THE UNIT MANUFACTURER, WHERE SHOWN ON PLANS, MOUNTED 48" A.F.F. PROVIDE IONIZATION SMOKE DETECTORS IN THE SUPPLY AND RETURN OF AHU-4, WITH WALL MOUNTED A/V ALARM LOCATED IN THE CORRIDOR. PROVIDE ALL OTHER AHU'S WITH A FIRESTAT IN THE RETURN TO DE-ENERGIZE THE UNIT.

27. CONDENSING UNITS : UNITS SHALL BE MOUNTED ON 6" DEEP, REINFORCED CONCRETE PAD, 4" LARGER THAN UNIT ON ALL SIDES. PROVIDE 5 YEAR COMPRESSOR WARRANTY. PROVIDE REFRIGERANT DRYER, SITE GLASS, TIME-DELAY RELAY, 5 MINUTE ANTI-RECYLING DELAY, AND THERMOSTATIC EXPANSION VALVE KIT. FURNISH, SIZE, INSULATE, AND INSTALL COPPER REFRIGERANT PIPING FROM CONDENSING UNITS TO CORRESPONDING AIR HANDLING UNIT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. INSULATION SHALL BE 1" THICK ARMAFLEX. INSTALL REFRIGERANT PIPING BELOW GRADE IN 6" ROUND PVC PIPE SLEEVE. INSULATED REFRIGERANT PIPING OUTSIDE OF THE BUILDING SHALL BE PROVIDED WITH AN ADDITIONAL ALUMINUM JACKET FOR PROTECTION.



DUCTBOARD SUPPORT

NOT TO SCALE



FLEXIBLE DUCT SUPPORT

NOT TO SCALE

GENERAL NOTES – HVAC

1. ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES:

   STANDARD BUILDING CODE.
   STANDARD MECHANICAL CODE
   STANDARD PLUMBING CODE
   NATIONAL ELECTRICAL CODE.
   FLORIDA MODEL ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION.
   STANDARD FIRE CODE.
   ALL LOCAL CODES.

2. WORK SHALL COMPLY WITH THE FOLLOWING STANDARDS:

   AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR COND. ENGINEERS (ASHRAE).
   AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
   AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
   AMERICAN SOCIETY FOR TESTING AND MATERIALS. (ASTM)
   UNDERWRITER'S LABORATORIES, INC. (UL).
   SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA).
   NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).
   AMERICAN REFRIGERATION INSTITUTE (ARI).
   ASSOCIATED AIR BALANCE COUNCIL (AABC).
   AIR MOVEMENT AND CONTROL ASSOCIATION (AMCA).
   NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
   AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE)

3. ALL EQUIPMENT, MATERIAL AND LABOR SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF 12 MONTHS FROM THE DATE OF FINAL COMPLETION AND ACCEPTANCE. ANY DEFECTS ARISING WITHIN THIS PERIOD SHALL BE REPAIRED AND/OR REPLACED AT NO COST TO THE OWNER.

4. ALL CONTROL WIRING, CONDUIT AND HARDWARE TO COMPLETE THE H.V.A.C. CONTROL SYSTEMS SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 15 – MECHANICAL OF THESE CONTRACT DOCUMENTS. PROVIDE ALL CONTROL EQUIPMENT, MOTOR STARTERS, RELAYS, LINE VOLTAGE CONTROLS, TRANSFORMERS, LOW VOLTAGE CONTROLS AND DEVICES NECESSARY FOR THE OPERATION OF HEATING, AIR CONDITIONING AND VENTILATION SYSTEMS. THE SIZE, LOCATION, AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT INSTALLED UNDER DIVISION 15 (MECHANICAL) SHALL BE COORDINATED WITH DIVISION 16 (ELECTRICAL) AND ALL OTHER TRADES, PRIOR TO BID AND CONSTRUCTION.

5. FURNISH OWNER WITH H.V.A.C. AIR BALANCING REPORT, BY AN INDEPENDENT AIR BALANCE CONTRACTOR WITH MEMBERSHIP IN A.A.B.C.

6. THE CONTRACTOR IS EXPECTED TO ORDER ALL MATERIALS IN SUFFICIENT TIME TO AVOID DELAYING THE COMPLETION OF THE PROJECT. DELAY IN DELIVERIES WILL NOT BE CONSIDERED A JUSTIFIABLE REASON FOR SUBMISSION OF SUBSTITUTE MATERIALS.

7. THIS CONTRACTOR SHALL SUBMIT EQUIPMENT CUT-SHEETS TO THE ARCHITECT FOR REVIEW PRIOR TO PURCHASE OR INSTALLATION OF ANY MATERIALS OR EQUIPMENT FOR THIS PROJECT.

8. ALL DUCTWORK SHALL BE FURNISHED AND INSTALLED IN STRICT ACCORDANCE WITH SMACNA STANDARDS. RIGID BRANCH DUCTS SHALL HAVE 45 DEGREE TAP AND BALANCING DAMPER. ALL DUCT ELBOWS SHALL HAVE TURNING VANES. PROVIDE SPIN-IN FITTING AND VOLUME DAMPER AT ALL ROUND BRANCH DUCT CONNECTIONS FROM MAIN DUCT TO DIFFUSERS. ALL SEAMS IN DUCTWORK AND DUCTWORK INSULATION SHALL BE SEALED WITH TWO LAYERS OF GLASS FABRIC AND MASTIC.

9. ALL DIVISION 15 (MECHANICAL) EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND APPLICABLE CODE REQUIREMENTS.

10. AHU-1 : NOMINAL 3.5 TON AIR HANDLER, CARRIER MODEL FB4ANF042, OR APPROVED EQUAL, SUPPLY AIR = 1400 CFM, OUTSIDE AIR = 100 CFM, HEAT = 10 KW, 208 V / 1 PH, FAN = 1/2 HP.

11. CU-1 : NOMINAL 3.5 TON CONDENSING UNIT, CARRIER MODEL 38TKB042, OR APPROVED EQUAL, MCA = 26.3 AMPS, MOCP = 40 AMPS, 208 V / 1 PH.

12. AHU-2 : NOMINAL 2.5 TON AIR HANDLER, CARRIER MODEL FB4ANF030, OR APPROVED EQUAL, SUPPLY AIR = 1000 CFM, OUTSIDE AIR = 100 CFM, HEAT = 7.5 KW, 208 V / 1 PH, FAN = 1/3 HP.

13. CU-2 : NOMINAL 2.5 TON CONDENSING UNIT, CARRIER MODEL 38TKB030, OR APPROVED EQUAL, MCA = 17.9 AMPS, MOCP = 25 AMPS, 208 V / 1 PH.

14. AHU-3 : NOMINAL 2 TON AIR HANDLER, CARRIER MODEL FB4ANF024, OR APPROVED EQUAL, SUPPLY AIR = 800 CFM, OUTSIDE AIR = 100 CFM, HEAT = 6 KW, 208 V / 1 PH, FAN = 1/4 HP.

15. CU-3 : NOMINAL 2 TON CONDENSING UNIT, CARRIER MODEL 38TKB024, OR APPROVED EQUAL, MCA = 14.5 AMPS, MOCP = 20 AMPS, 208 V / 1 PH.

16. AHU-4 : NOMINAL 6 TON AIR HANDLER, CARRIER MODEL 40RM007, OR APPROVED EQUAL, SUPPLY AIR = 2400 CFM, OUTSIDE AIR = 150 CFM, HEAT = 15 KW, 208 V / 3 PH, FAN = 1.3 HP.

17. CU-4 : NOMINAL 6 TON CONDENSING UNIT, CARRIER MODEL 38AK070, OR APPROVED EQUAL, MCA = 25.6 AMPS, MOCP = 35 AMPS, 208 V / 3 PH.

18. CD-1 : TYPICAL 24" X 24" SUPPLY AIR DIFFUSER, TITUS MODEL PAS OR APPROVED EQUAL. INSULATE THE BACK OF EACH DIFFUSER WITH 2" BATT INSULATION. DIFFUSERS SHALL BE 4-WAY THROW UNLESS NOTED OTHERWISE ON PLANS WITH DIRECTIONAL ARROWS. PROVIDE OPPOSED BLADE DAMPER FOR EACH DIFFUSER AND BALANCE EACH FOR THE CFM SHOWN ON THE PLANS. PROVIDE DIFFUSER NECK SIZES AND BRANCH FLEX DUCT SIZE AS SHOWN BELOW. COLOR PER ARCHITECT. CD-2 SHALL BE SAME MODEL WITH 12' X 12" FACE.

NECK SIZE	MAX AIR FLOW
6" ROUND	100 CFM
8" ROUND	200 CFM
10" ROUND	300 CFM
12" ROUND	400 CFM
14" ROUND	500 CFM

19. CD-3 : 24" X 24" VAV SUPPLY AIR GRILLE, THERMA-FUSER MODEL TB-CW OR APPROVED EQUAL. 10" ROUND NECK. COLOR PER ARCHITECT.

20. RR-1 : 24" X 24" LOUVERED RETURN AIR GRILLE, TITUS MODEL PAR OR APPROVED EQUAL. COLOR PER ARCHITECT. PROVIDE OPPOSED BLADE DAMPER.

NECK SIZE	MAX AIR FLOW
6 X 6	120 CFM
8 X 8	250 CFM
10 X 10	450 CFM
12 X 12	750 CFM
14 X 14	1200 CFM

AS BUILT

JOHN ANTHONY ANDARY & ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 3634, WINTER PARK, FLORIDA 32789
407.366.7256 OFFICE / 407.366.7146 FAX

Cuhaci & Peterson
Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

JOB TITLE
PRIME CONSTRUCTION GROUP, INC.
ORLANDO, FL.

DRAWING TITLE
HVAC - SCHEDULE & DETAILS

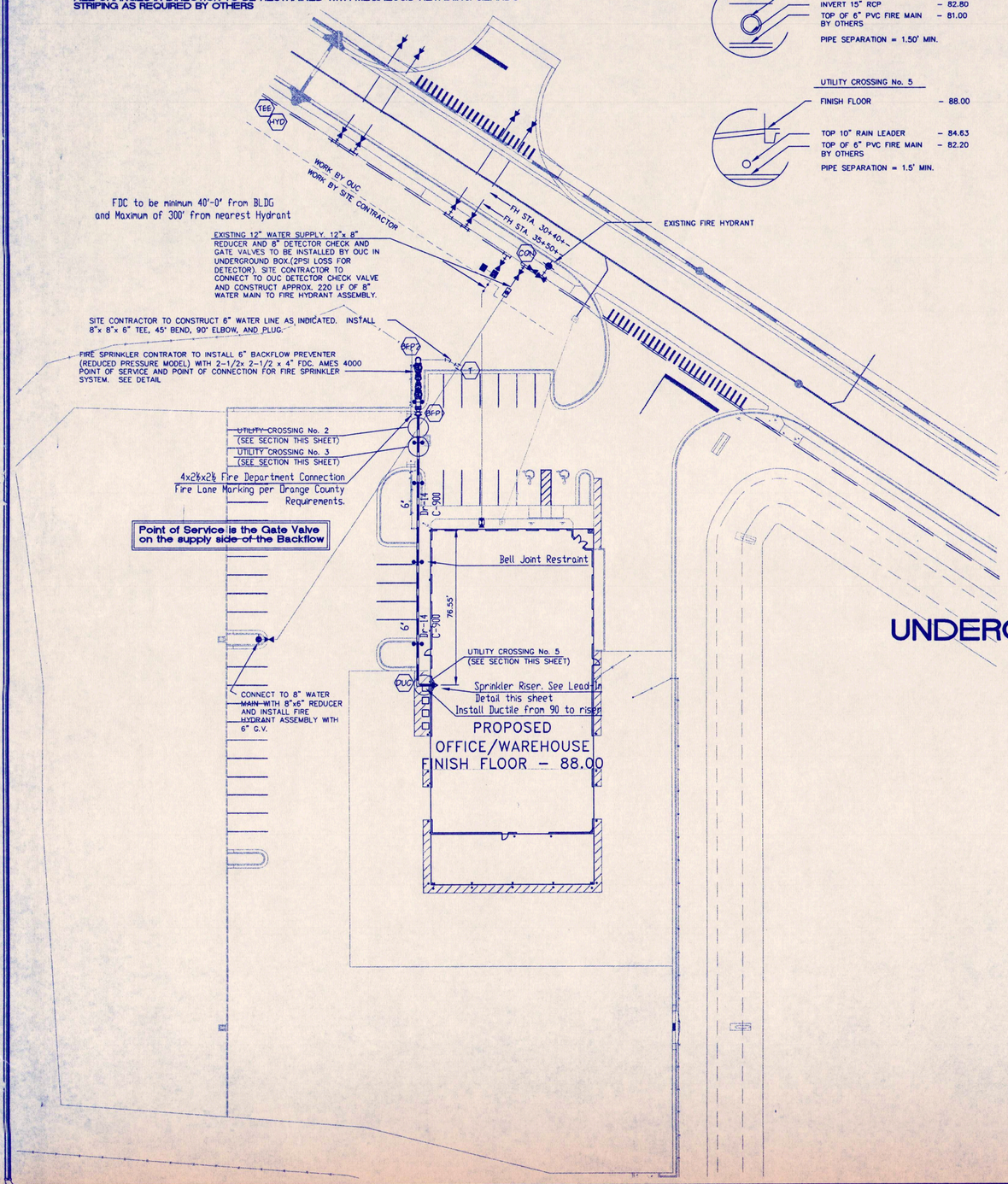
REVISION :	
1 03 MAY 2000 OWNER COMMENTS	5
2	6
3	7
4	8

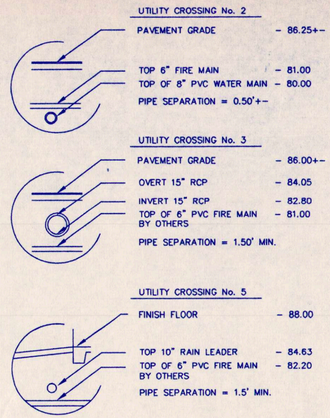
JOB NO.	98000
SCALE	NOT TO SCALE
DATE	1-1-1998
DRAWN	RIV
CHECKED	JAA

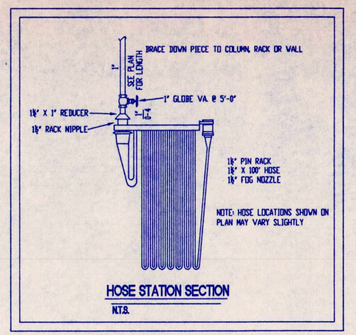
DRAWING NO.
M-2

UNDERGROUND GENERAL NOTES

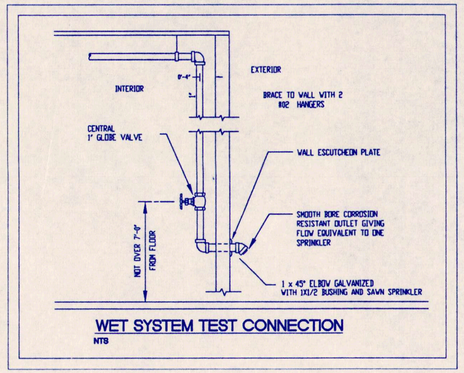
INSTALLATION TO BE IN ACCORDANCE WITH NFPA 24 (LATEST EDITION)
ALL PIPE AND FITTINGS TO BE INSPECTED PRIOR TO COVERING
ALL PIPE AND FITTINGS TO BE IN ACCORDANCE WITH NFPA 24
ALL PIPE AND FITTINGS TO BE TESTED AT 200 PSI FOR 2 HOURS
PIPE TO BE FLUSHED BEFORE CONNECTING TO SPRINKLERS
SPRINKLER SYSTEM POINT OF SERVICE IS AT THE 6" OS & Y ON BACKFLOW
ALL UNDERGROUND PIPE TO BE BURIED 30" MINIMUM BELOW GRADE
ALL PAINTING OF SPRINKLER PIPE BY OTHERS.
WIRING AND MONITORING OF DEVICES IS BY OTHERS.
ALL FDC'S TO BE LOCATED AS SHOWN AND SHALL MEET LOCAL CODE
FDC'S TO BE LOCATED SO AS TO FACE THE ROAD.
ALL SPRINKLER UNDERGROUND FROM THE POINT OF SERVICE ON TO BE INSTALLED BY A STATE OF FLORIDA LICENSED SPRINKLER UNDG. CONTRACTOR
SEE CIVIL PLANS BY OTHERS FOR DETAILS OF PIPING PRIOR TO THE POINT OF SERVICE
WAYNE AUTOMATIC TO START AT THE POINT OF SERVICE
ALL DUCTILE IRON PIPE TO BE CLASS 350
ALL PVC PIPE TO BE CLASS 200 (SDR-14) WITH TYTON SLIP JOINTS AND MECHANICAL JOINTS
ALL CHANGES IN DIRECTION TO BE RESTRAINED WITH MEGALUGS-RETAINING GLANDS
STRIPING AS REQUIRED BY OTHERS



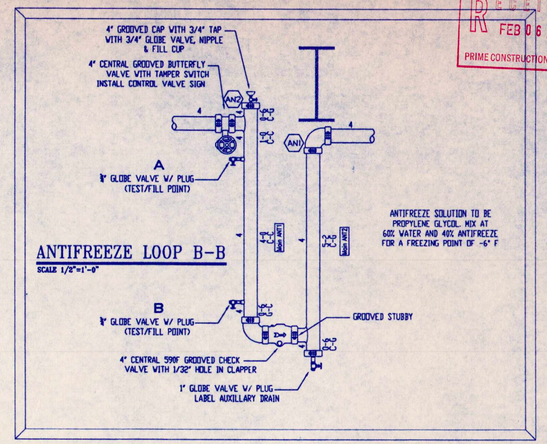




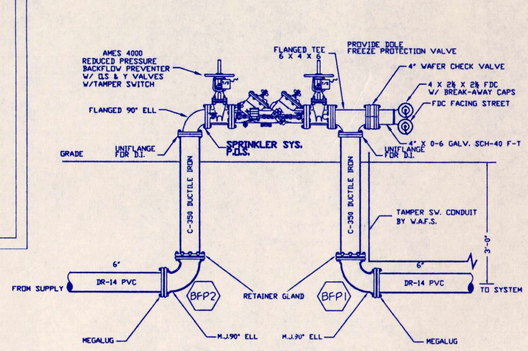
HOSE STATION SECTION
N.T.S.



WET SYSTEM TEST CONNECTION
NTS

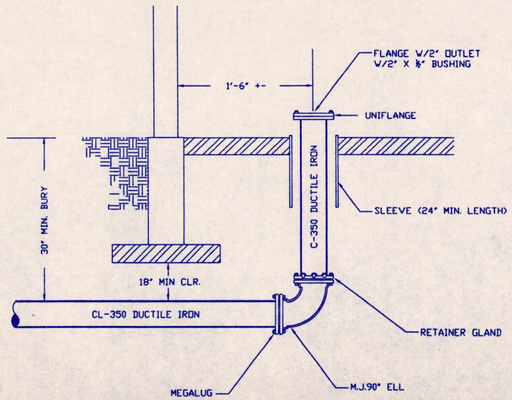


ANTIFREEZE LOOP B-B
SCALE 1/2"=1'-0"

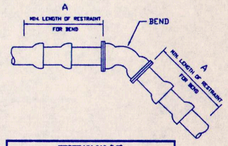


BACKFLOW PREVENTER W/FDC
SCALE: N.T.S Backflow-FDC.dwg

UNDERGROUND ALREADY PERMITTED
FOR REFERENCE ONLY



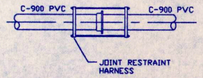
LEAD-IN DETAIL
SCALE: N.T.S. Lead-In.dwg



RESTRAIN "A" (L.F.)					
Fitting	4"	6"	8"	10"	12"
11½°	4'*	6'*	6'*	7'*	8'*
22½°	7'*	8'*	10'*	12'*	14'*
45° / Offset	11'*	14'*	18'*	20'*	23'
90°	16'*	20'*	27'	34'	39'
DEAD END VALVE OR TEE	12'*	15'*	19'*	24'	28'

A = MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED ON EITHER SIDE OF FITTING
* MINIMUM ONE PIPE JOINT UPSTREAM AND DOWNSTREAM OF EACH FITTING SHALL BE RESTRAINED

NOTES:
1. THIS TABLE IS BASED ON
   A) MAXIMUM TEST PRESSURE OF 200 psi
   B) LAYING CONDITION SC/NATIVE
   C) POOR SOIL CONDITIONS
   D) HORIZONTAL BENDS
   E) USING PVC
2. RESTRAINING DEVICES FOR PVC PIPE SHALL BE BY MEGALUG OR EQUAL, MEETING UNI-B-13.
3. ANY ADDITIONAL FITTINGS WITHIN THE RESTRAINED SECTION SHALL BE RESTRAINED ACCORDINGLY.



TO BE USED ONE (1) JOINT ON EACH SIDE OF ALL 45 DEGREE BENDS AND TWO (2) JOINTS ON EACH SIDE OF ALL 90 DEGREE BENDS AND THE OUTLET SIDE OF TEES.

UNDERGROUND JOINT RESTRAINT
SCALE: N.T.S. Restraint.dwg

AS BUILT

AS BUILTS
11-30-00
Site Plan

RECEIVED
FEB 06 2001
PRIME CONSTRUCTION GROUP, INC.

HAZARD
Fire Protection Engineering, Inc.
222 CAPITOL COURT OCOEE, FL 34761
PH: (407) 877-5589 FAX: (407) 656-6026
Certificate of Authorization Number 7523

NO.	DATE	REVISIONS	BY
1			
2			
3			
4			

WATER SUPPLY INFORMATION

STATIC PRESSURE	63 PSI	FIRE PUMP	N/A
RESIDUAL PRESSURE	54 PSI	SIZE GPM @ PSI	N/A
PITOT READING	43 PSI	TYPE OF DRIVER	N/A
FLOW IN G.P.M.	1100 GPM	ELECTRICAL REQS	N/A
DATE OF TEST	06-03-00		
TIME OF TEST	8:30 AM		
TEST TAKEN BY	WAYNE AUTOMATIC FIRE SPRINKLERS INC		
HYDRANT LOCATION	200' WEST OF CONNECTION TO SITE		

DESIGN CRITERIA

SYSTEM #	
DESIGN AREA	
DENSITY	
DESIGN AREA S.F.	
PSI REQ'D @ BASIS	
GPM REQ'D @ BASIS	
PSI REQ'D @ TEST	
GPM REQ'D @ TEST	
# SPRINKLER IN DESIGN AREA	
ELEVATION @ HIGHEST SPRIN	
HOSE INSIDE-OUT	

SPRINKLERS SPACING

SYMBOL	MAXIMUM	MINIMUM	COMMENTS

SPRINKLERS

SYMB.	QUANTITY	SIZE	K	TEMP	MODEL

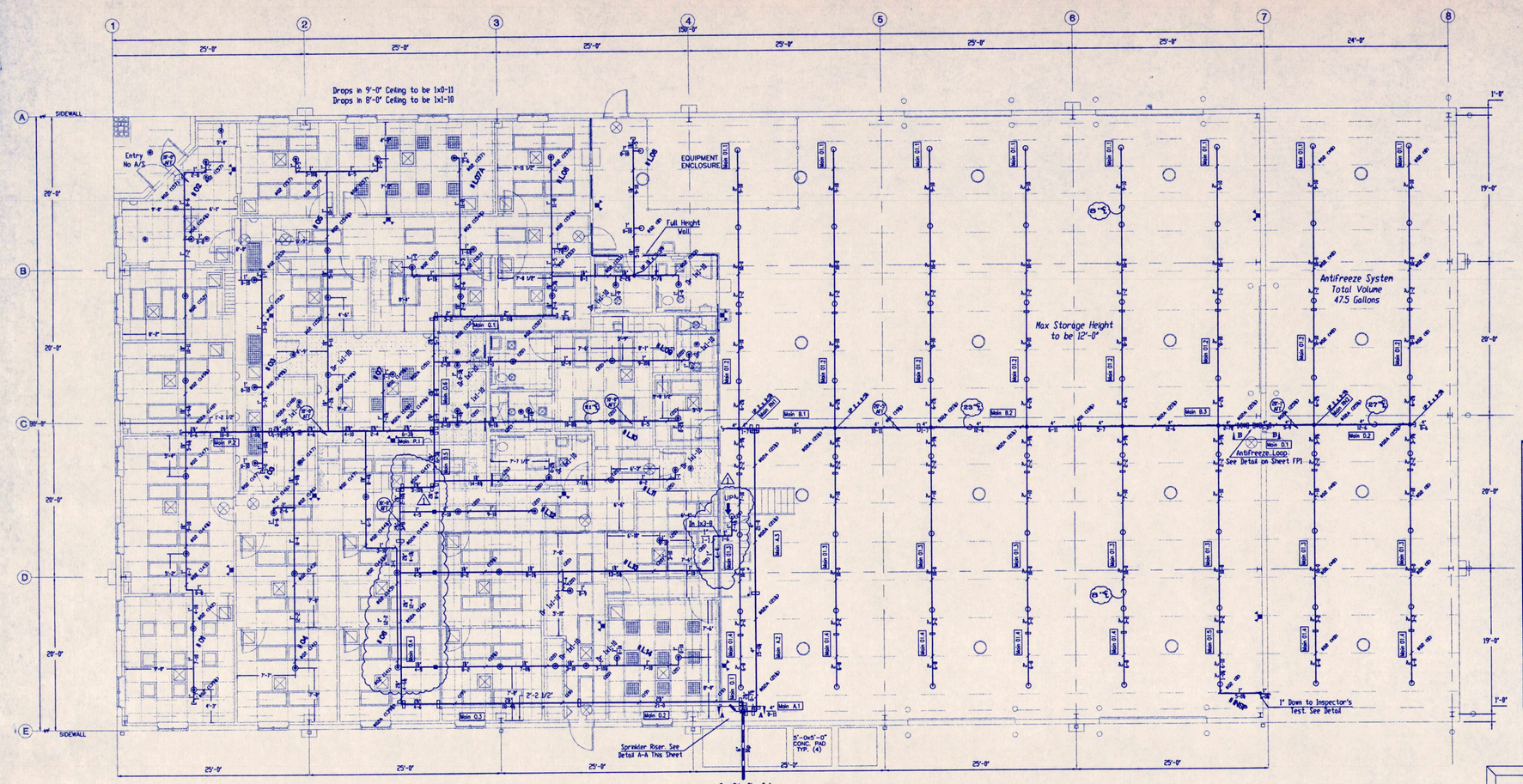
TOTAL THIS SHEET

WAYNE
Automatic Fire Sprinklers, Inc.
ORLANDO - JACKSONVILLE - FORT MYERS
POMPANO - CHARLOTTE, NC
CORPORATE OFFICE - ORLANDO, FLORIDA
222 CAPITOL COURT OCOEE, FL 34761
PHONE: (407) 656-3030 FAX: (407) 656-6026

PROJECT
PRIME CONSTRUCTION
JET STREAM DR. (LOT 7)
ORLANDO FLORIDA

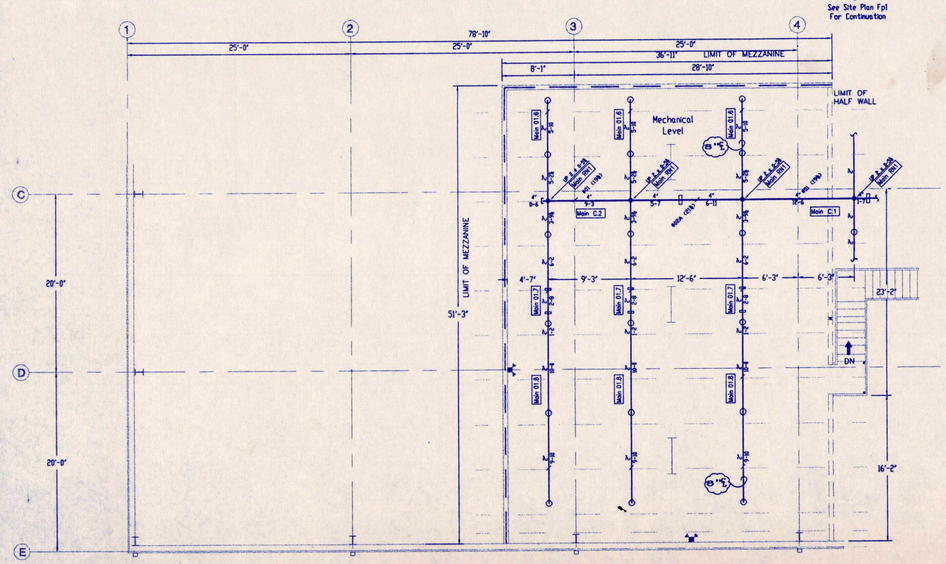
CONTRACT WITH
PETREE CONSTRUCTION
345 SUNSHINE LANE
ALTAMONTE SPRINGS, FL 32714

SYSTEM #	SITE PLAN
DRAWN BY:	PETE SCHWAB
CHECKED BY:	L.J. SMITH P.E.
LISTED BY:	PETE SCHWAB
DATE:	MAY 25, 2000
SCALE:	1"=30'-0"
AHJ:	ORANGE COUNTY
CONTRACT #	00155
SHEET #	FP1 OF 2



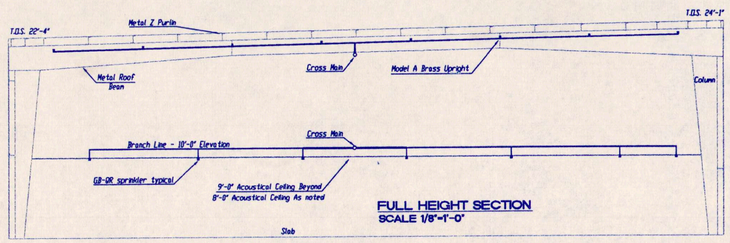
FIRE PROTECTION PLAN

SCALE 1/8"=1'-0" 14,000 SQ. FT.



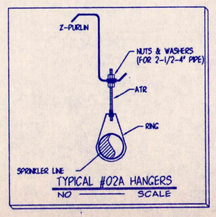
FIRE PROTECTION PLAN - MEZZ.

SCALE 1/8"=1'-0" 1,848 SQ. FT.

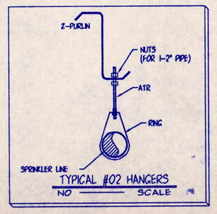


FULL HEIGHT SECTION

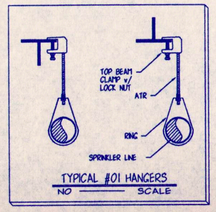
SCALE 1/8"=1'-0"



TYPICAL #02A HANGERS
NO SCALE

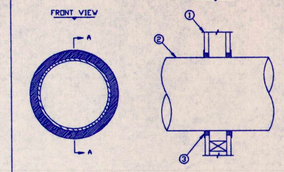


TYPICAL #02 HANGERS
NO SCALE



TYPICAL #01 HANGERS
NO SCALE

U.L. SYSTEM NO. WL1052
METAL PIPE THROUGH 1-HR. GYPSUM WALL
F RATING = 1-HR.
T RATING = 0-HR.



1. 1-HR. FIRE-RATED GYPSUM WALL ASSEMBLY.
2. 10" DIA. (OR SMALLER) STEEL PIPE, 4" DIA. (OR SMALLER) COPPER PIPE, EMT OR CONDUIT.
3. MIN. 5/8" DEPTH HILTI FS INC.

NOTE: NOMINAL ANNULAR SPACE OF 1/4" TO 1" REQUIRED.

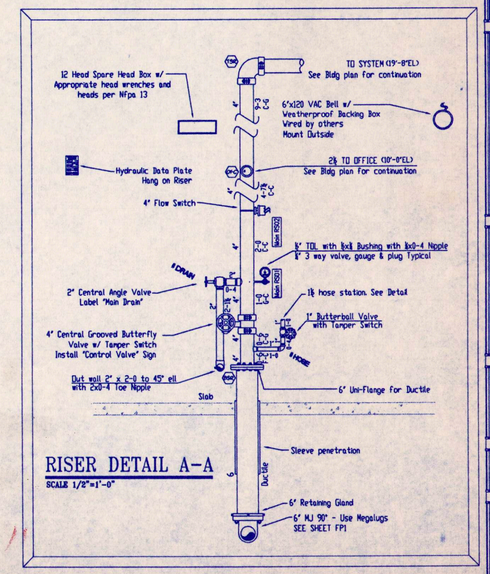
SEE HILTI FIRESTOP INSTALLATION MANUAL FOR ADDITIONAL INSTRUCTIONS
HILTI INC. TULSA, OK 1-800-879-8000

FIRECAULK DETAILS

AS BUILT

GENERAL NOTES

SYSTEM TO BE DESIGNED AND INSTALLED IN ACCORDANCE W/ NFPA 13 1994 ED. AND NFPA 231 LATEST RECOG. EDITION AND ALL APPLICABLE LOCAL AND STATE CODES
ALL PIPE AND FITTINGS TO BE IN ACCORDANCE WITH THE FOLLOWING U.N.O.
ALL PIPE 1" TO 1½" TO BE SCHEDULE 40 BLACK STEEL UNO
ALL FITTINGS 1" TO 1½" TO BE D.I. SCREWED STANDARD CLASS UNO
ALL STEEL PIPING WITH THREADED FITTINGS TO BE BLACK SCHEDULE 40 TO MEET ANSI/ASTM 120 STANDARDS. THREADED FITTINGS WILL BE STANDARD BLACK CAST/DUCTILE IRON ANSI B16.4 CLASS 125.
ALL PIPE 2" AND LARGER TO BE PAINTED BLACK STEEL UNO
ALL FITTINGS 2" AND LARGER TO BE GROOVED/FLANGED AND/OR WELDED UNO
STEEL PIPING WITH GROOVED OR WELDED FITTINGS WILL BE BLACK THINWALL PIPE TO MEET ANSI/ASTM A795 STANDARDS. GROOVED FITTINGS WILL BE DUCTILE IRON ASTM A536
ALL HANGERS TO BE SPACED IN ACCORDANCE WITH NFPA 13 AND THEIR LISTING
ALL PENETRATIONS TO BE SEALED WITH "HILTI" FIRE CAULK IN ACCORDANCE WITH DETAILS PROVIDED.
ALL UNDERGROUND PIPING TO BE FLUSHED BEFORE CONNECTION TO ABOVEGROUND PIPING.
ALL PIPING SHALL BE INSPECTED AND APPROVED BY PROPER AUTHORITIES PRIOR TO COVERING WITH DRYWALL AND COPIES OF APPROPRIATE TEST PAPERS FORWARDED TO PROPER RECIPIENTS
ALL SOFFITS ARE BY OTHERS
MAX SPACING OF SPRINKLERS TO BE AS NOTED ON EACH SHEET.
ALL WIRING OF DEVICES BY OTHERS.
ALL PAINTING OF PIPE TO BE BY OTHERS.
MAINTENANCE OF THE SPRINKLER SYSTEM IS THE RESPONSIBILITY OF THE OWNER.
MAINTENANCE SHALL BE IN ACCORDANCE WITH NFPA 25 (LATEST RECOGNIZED EDITION)
SPARE SPRINKLERS AND APPROPRIATE WRENCHES SHALL BE PROVIDED IN ACCORDANCE W/ NFPA 13
CONNECTIONS TO BUILDING ALARM SYSTEM AND ANY MONITORING IS BY OTHERS
SPRINKLERS MAY BE OMITTED FROM THE FOLLOWING:
1)ANY PORCHES AND BALCONIES THAT ARE OF NON-COMBUSTIBLE CONSTRUCTION
INDICATES HYDRAULIC REFERENCE NODES



RISER DETAIL A-A

SCALE 1/2"=1'-0"

HAZARD

Fire Protection Engineering, Inc.
222 CAPITOL COURT OCOEE, FL 34761
PH (407) 877-5589 FAX (407) 656-8026
Certificate of Authorization Number 7523

IMPORTANT OWNER INFORMATION: THIS DRAWING IS BASED ON THE DOMESTIC OCCUPANCY OF THE LATEST EDITION OF NFPA 13D AS THE APPLICABLE STANDARD FOR THE OPTIONAL SYSTEM. PROVISIONS OF THE LATEST EDITION OF NFPA 13 ARE ALSO INCLUDED. THE OWNER IS RESPONSIBLE FOR THE PROPER OPERATION AND MAINTENANCE OF THIS SYSTEM. PLEASE CONTACT THE NEAREST OFFICE OF WAYNE AUTOMATIC FIRE SPRINKLERS.

NO.	DATE	REVISIONS	BY
1	09-16-00	ADJUSMENTS FOR ELECTRICIAN	PS
2			
3			
4			

WATER SUPPLY INFORMATION

STATIC PRESSURE	63 PSI	FIRE PUMP	N/A
RESIDUAL PRESSURE	54 PSI	SIZE GPM @ PSI	N/A
PITOT READING	43 PSI	TYPE OF DRIVER	N/A
FLOW IN G.P.M.	1100 GPM	ELECTRICAL REQS	N/A
DATE OF TEST	08-03-00		
TIME OF TEST	8:30 AM		
TEST TAKEN BY	WAYNE AUTOMATIC FIRE SPRINKLERS INC		
HYDRANT LOCATION	30' WEST OF CONNECTION TO SITE		

DESIGN CRITERIA

SYSTEM #	ALL	ALL
DESIGN AREA	#1	#2
DENSITY	.10	.20
DESIGN AREA S.F.	1521	2000
PSI REQ'D @ BASIS	46.288	34.833
GPM REQ'D @ BASIS	369.20	543.26
PSI REQ'D @ TEST	58.255	49.538
GPM REQ'D @ TEST	369.20	943.26
# SPRINKLER IN DESIGN AREA	14	16
ELEVATION @ HIGHEST SPKR	9'-0"	22'-6"
HOSE INS/OUTS	100 / 0	100 / 400

SPRINKLERS SPACING

SYMBOL	MAXIMUM	MINIMUM	COMMENTS
◉	225 SQ FT LGHT HAZ	6'-0" B/W	225 SQ FT LIGHT HAZARD AREAS AND 130 SQ FT ORD. HAZARD AREAS, FOLLOW ALL GUIDELINES FROM NFPA 13 1994 EDITION
○	130 SQ FT ORD HAZ		

SPRINKLERS

SYMB.	QUANTITY	SIZE	K	TEMP	MODEL
◉	54	1/2"	5.6	155	CENTRAL ORDR QUICK RESPONSE SSP WHVE W 2 PC. REC. ESCUTCHEONS
○	85	17/32	8.1	286	CENTRAL A LARGE ORIFICE SSU BRASS WITH NO ESCUTCHEONS
	139				TOTAL PER SYSTEM
	139				TOTAL THIS SHEET

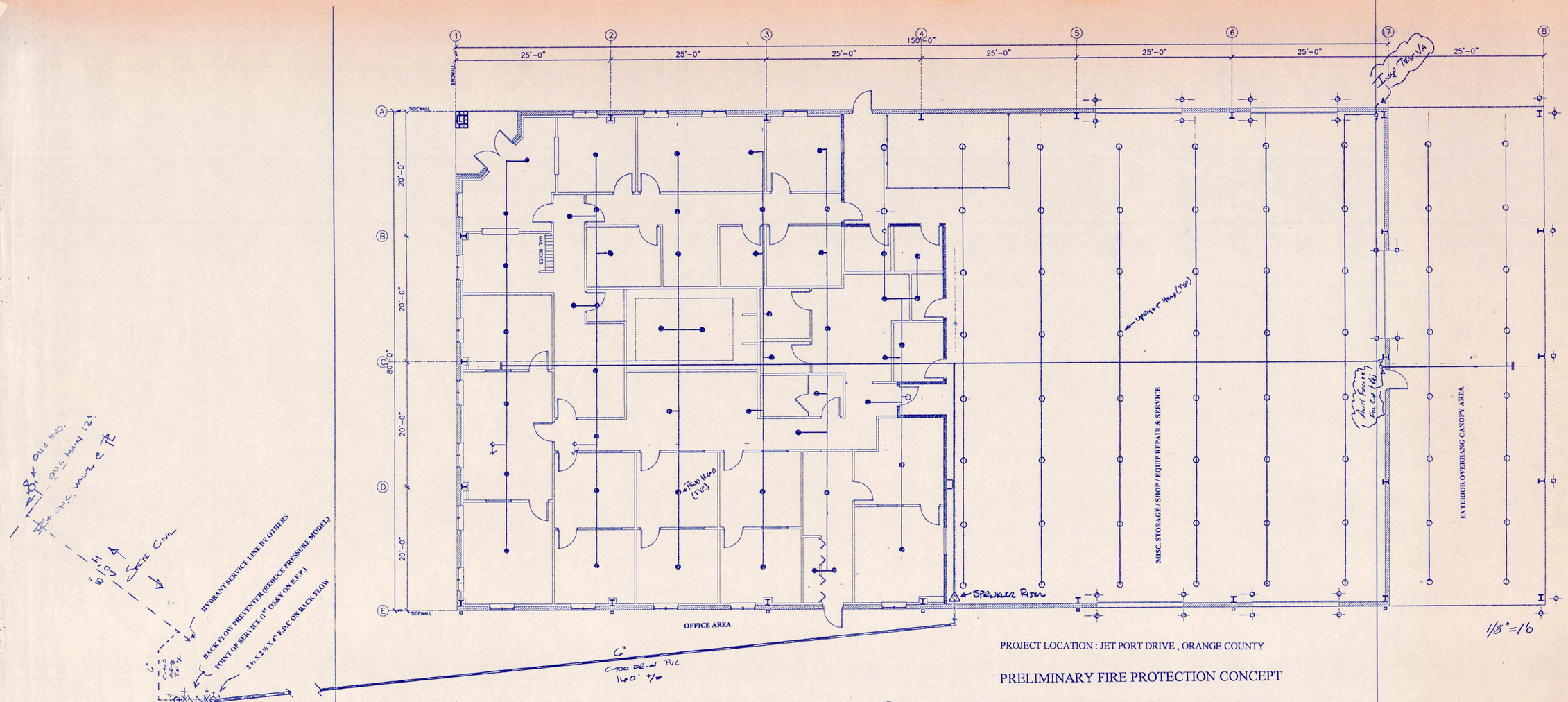
WAYNE
Automatic Fire Sprinklers, Inc.
ORLANDO - JACKSONVILLE - FORT MYERS
POMPANO - CHARLOTTE, NC
CORPORATE OFFICE - ORLANDO, FLORIDA
222 CAPITOL COURT OCOEE, FL 34761
PHONE: (407) 656-3030 FAX: (407) 656-8026

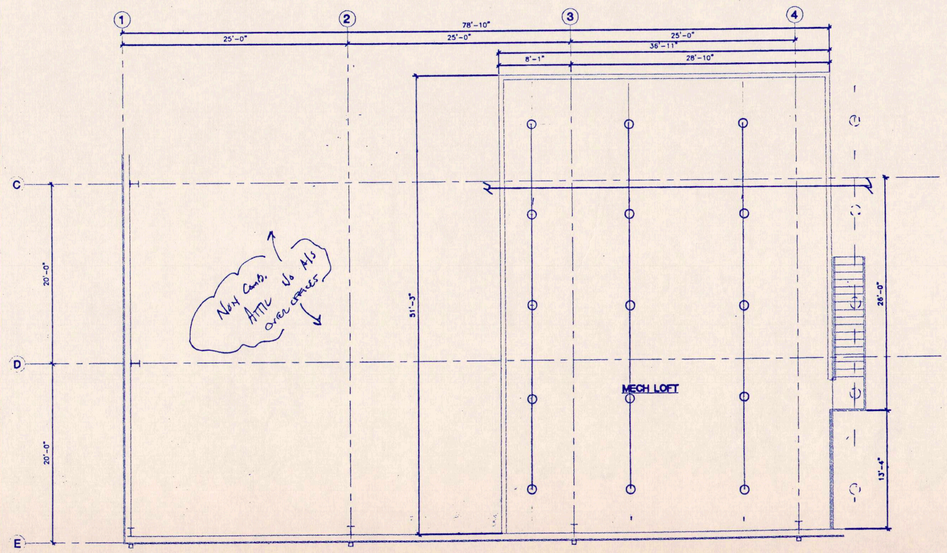
PROJECT:
PRIME CONSTRUCTION
JET STREAM DR. (LOT 7)
ORLANDO FLORIDA

CONTRACT WITH:
PRETTER CONSTRUCTION
845 SUNSHINE LANE
ALTAMONTE SPRINGS, FL 32714

SYSTEM #	BUILDING PLAN
DRAWN BY:	PETE SCHWAB
CHECKED BY:	L.J. SMITH P.E.
TOTAL A/S:	139
DATE:	AUGUST 8, 2000
SCALE:	AS NOTED
AHJ:	ORANGE COUNTY
CONTRACT #	00155
SHEET #	FP2 OF 2

Building Plan





2 MEZZANINE FIRE PROTECTION
SCALE: 1/8"=1'-0"

PROJECT LOCATION : JET PORT DRIVE , ORANGE COUNTY

PRELIMINARY FIRE PROTECTION CONCEPT

- EQUIPMENT STORAGE/ MISC. STORAGE / EQUIPMENT REPAIR. FIRE PROTECTION : NFPA-13 ORDINARY HAZARD GROUP II. DENSITY .2/1500. HEAD SPACING 130 SQ. FT. PER SPRINKLER MAX.
- EXTERIOR OVERHANG CANOPY FIRE PROTECTION: NFPA-13 ORDINARY HAZARD GROUP I , DENSITY .15/1500. HEAD SPACING 130 SQ. FT. (ANTIFREEZE LOOP PROVIDED , FILL CUP AND VALVES LOCATED INSIDE SHOP AT REAR WALL)
- 2ND FLOOR MEZZANINE (END OPEN TO SHOP AREA) FIRE PROTECTION: NFPA-13 ORDINARY HAZARD GROUP II. DENSITY .2/1500 SQ. FT. HEAD SPACING 130 SQ. FT MAX.
- OFFICE AREA FIRE PROTECTION: NFPA-13 LIGHT HAZARD. DENSITY .1/1500 SQ. FT. MAX HEAD SPACING 225 SQ. FT PER SPRINKLER MAX. (9' DISTANCE RULE ALLOWABLE IN ROOMS UNDER 800 SQ. FT.)
- SPRINKLER CONTRACTOR TO BEGIN AT POINT OF SERVICE AND POINT OF CONNECTION.(THE CAPPED 6" LINE BY OTHERS PRIOR TO BACK FLOW PREVENTER, SEE CIVIL) POINT OF SERVICE SHALL BE THE 6" OS&Y VALVE ON THE SUPPLY SIDE OF THE BACKFLOW PREVENTER , BY THE SPRINKLER CONTRACTOR.
- THE 2 ½"X2 ½"X4" FIRE DEPT CONNECTION SHALL BE PROVIDED ON THE DISCHARGE SIDE OF THE BACKFLOW PREVENTER. LOCATION SHALL MAINTAIN MIN. OF 40' FROM BUILDING. ALL FIRE PROTECTION PIPING BETWEEN FDC AND SPRINKLER RISER SHALL BE 200 LB. CLASS C-900 PVC DR-14
- INSTALLING SPRINKLER CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS , CALCULATIONS , MATERIAL SUBMITTALS MEETING THE REQUIREMENTS OF NFPA-13 AND ORANGE COUNTY FIRE LOSS MANAGEMENT FOR REVIEW AND PERMITTING. NO WORK SHALL COMMENCE PRIOR TO APPROVAL OF HAZARD FIRE PROTECTION ENGINEERING INC. AND ORANGE COUNTY FIRE LOSS MANAGEMENT.
- THIS PRELIMINARY CONCEPT PLAN IS FOR BUILDING PERMITTING ONLY , NOT INTENDED FOR CONSTRUCTION.

AS BUILT

HAZARD
Fire Protection Engineering, Inc.
222 CAPITOL COURT OCOEE, FL 34761
PH: (407) 877-5589 FAX: (407) 656-8026

IMPORTANT OWNER INFORMATION THIS DRAWING IS BASED ON THE OWNER'S ACCEPTANCE OF THE LATEST EDITION OF NFPA 13D AS THE APPLICABLE STANDARD FOR THE INSPECTION,TESTING,AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS. IF THE BUILDING OWNER HAS NOT RECEIVED A COPY OF THIS PAMPHLET AND/OR IS NOT FAMILIAR WITH THE OPERATION AND MAINTENANCE OF THIS SYSTEM PLEASE CONTACT THE NEAREST OFFICE OF WAYNE AUTOMATIC FIRE SPRINKLERS,INC.

DRAWN BY : TOOK.
CHECKED BY: L.J. SMITH

Cuhaci & Peterson Architects
1220 Alden Road
Orlando, Florida 32803
Ph. 407 228 4220
Fax. 407 228 4219

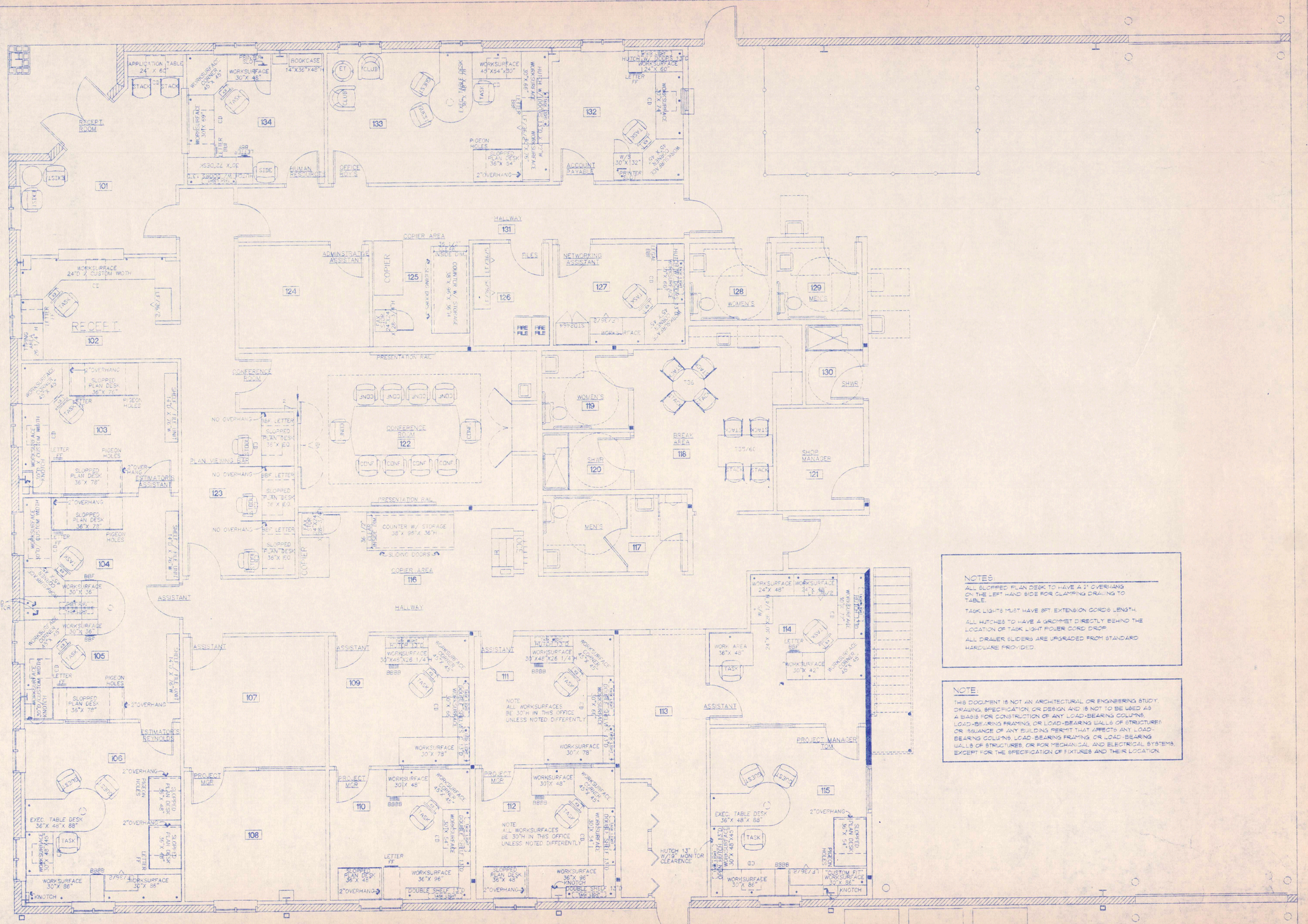
RECEIVED
FEB 06 2001
PRIME CONSTRUCTION GROUP, INC.

JOB TITLE
PRIME CONSTRUCTION GROUP, INC
ORLANDO, FL

DRAWING TITLE
FIRE PROTECTION PLAN
PRELIMINARY CONCEPT

REVISION :

JOB NO. 99228
SCALE AS SHOWN
DATE 3/1/2000
DRAWN
CHECKED
DRAWING NO.
FP1



NOTES:

ALL SLOPPED PLAN DESK TO HAVE A 2" OVERHANG ON THE LEFT HAND SIDE FOR CLAMPING DRAWING TO TABLE.

TASK LIGHTS MUST HAVE 8FT. EXTENSION CORDS LENGTH.

ALL HUTCHES TO HAVE A GROMMET DIRECTLY BEHIND THE LOCATION OF TASK LIGHT POWER CORD DROP.

ALL DRAWER SLIDERS ARE UPGRADED FROM STANDARD HARDWARE PROVIDED.

NOTE:

THIS DOCUMENT IS NOT AN ARCHITECTURAL OR ENGINEERING STUDY, DRAWING, SPECIFICATION OR DESIGN AND IS NOT TO BE USED AS A BASIS FOR CONSTRUCTION OF ANY LOAD-BEARING COLUMNS, LOAD-BEARING FRAMING, OR LOAD-BEARING WALLS OF STRUCTURES OR ISSUANCE OF ANY BUILDING PERMIT THAT AFFECTS ANY LOAD-BEARING COLUMNS, LOAD-BEARING FRAMING, OR LOAD-BEARING WALLS OF STRUCTURES, OR FOR MECHANICAL AND ELECTRICAL SYSTEMS, EXCEPT FOR THE SPECIFICATION OF FIXTURES AND THEIR LOCATION.

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REVISION	DATE	DRAWN
06	04/25/00	FLW
05	04/24/00	FLW
04	04/20/00	FLW
03	04/18/00	FLW
02	04/06/00	FLW
01	04/04/00	FLW

SALES	AMY GORDON
DESIGNED	OTHERS
DRAWN	F. LEE WHITENER
PROJECT No.	00021.DWG
DATE	03/07/2000
SCALE	1/4"=1'0"
APPROVED	

PRIME CONSTRUCTION
PRELIMINARY FURNITURE PLAN

5528 FORCE FOUR PKWY. ORLANDO, FLORIDA
PHONE: (407) 856-8180 FAX:

SHEET 01 OF 01