

# Table of Contents

File 1991-0036

Name: Mesa State College - Vo-tech Center - 25 Rd. & Blichmann Ave.

P r e s e n t	S c a n n e d	<p>A few items are denoted with an asterisk (*), which means they are to be scanned for permanent record on the ISYS retrieval system. In some instances, items are found on the list but are not present in the scanned electronic development file because they are already scanned elsewhere on the system. These scanned documents are denoted with (**) and will be found on the ISYS query system in their designated categories.</p> <p>Documents specific to certain files, not found in the standard checklist materials, are listed at the bottom of the page.</p> <p>Remaining items, (not selected for scanning), will be listed and marked present. This index can serve as a quick guide for the contents of each file.</p>
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		Application form
		Review Sheets
		Receipts for fees paid for anything
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		Reduction of assessor's map.
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		Record of certified mail
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		Traffic studies
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		<b>*Planning Commission staff report and exhibits</b>
		<b>*City Council staff report and exhibits</b>
		<b>*Summary sheet of final conditions</b>

**DOCUMENT DESCRIPTION:**

X	X	Letter from Ron Gray, Mesa State to Bennett Boeschstein re: Want to know if the new Technical Education Center at Foresite Park will be exempt from City Bldg. permits and inspection requirements - 4/29/91	X	X	Letter from Ron Gray to Bennett Boeschstein re: submittal - 6/7/91
X	X	Letter from Dan Wilson to Ron Gray, Mesa State College re: law concerning construction of a major facility - 5/15/91	X	X	Site Plan & Details
X	X	Letter from Ron Gray, Mesa State to Dan E. Wilson re: confirming conversation determining legal relationship between the City and the College - 5/17/91	X	X	Grading Plan & Details
X	X	Letter form Bennett Boeschstein to Ron Gray re: site plan submittal - 6/4/91	X	X	Landscape Plan
			X	X	Mechanical Site Plan

**MESA STATE**  
COLLEGE

April 29, 1991

P. O. BOX 2647 • GRAND JUNCTION, CO 81502, U. S. A.

*- KP  
We should request a plan review and*

*run them through a planning clearance to allow review agencies to see it. State Youth Detention Center did this. Thanks BB*

Mr. Bennett Boeschenstein  
Director Community Development  
City of Grand Junction  
250 North 5th Street  
Grand Junction, CO 81501

Re: Mesa State College Building at Foresite Park

Dear Mr. Boeschenstein:

Mesa State College will begin construction of a new 32,000 sq. ft. Technical Education Center at Foresite Park in May, 1991.

It has been determined in the past that the State of Colorado is exempt from city building permit and inspection requirements. The State of Colorado will provide appropriate inspections of this facility. The facility will be in compliance with the Uniform Building Code, Life Safety Codes, and Foresite Park covenants.

This facility will be located on Mesa State College owned property at the corner of 25 Road and Blickman Avenue.

If you need any additional information or want a set of plans for your records please contact me.

Sincerely,



Ron Gray  
Director, Physical Plant

*School dist 51*

*- § chapters  
931  
-handicapped?*

*25-50-101*

*V  
22-32-124*

May 15, 1991

Copy to Council  
C.M.  
5/16



Mr. Ron Gray  
Mesa State College  
P.O. Box 2647  
Grand Junction, CO 81502

City of Grand Junction, Colorado  
81501-2668  
250 North Fifth Street

Dear Mr. Gray:

Thank you for your letter to Bennett Boeschstein concerning the vo-tech center to be constructed.

I am unaware of any law which allows construction of a major community facility to occur within a home rule city without the need to observe applicable land use and building requirements. Part of my purpose in writing to you is to inquire concerning your position that city building and land use do not apply.

As I am sure you are aware, the reason the City reviews proposed projects such as this is to ensure that traffic, parking, circulation and related concerns are dealt with early on in a process, thus avoiding changes and "false starts", costing time and money.

I would therefore, appreciate it if you would indicate who made the determination that you refer to and what law that determination was based on. Citation to a particular case or statute would be useful. Until such time as the City agrees that you are exempt from any site plan review and building and fire code review, please do not proceed with construction of any buildings or other improvements.

If you would send a copy of the building plans and other improvements proposed, we would be happy to evaluate those to determine if there are any extant problems. It is my understanding that the plans have been developed. For future reference, who with the state does site plan review? Who reviews building plans and what codes apply? Will the state actually be on site to perform inspections, and if so, please let me know the name of the person who will be inspecting so that we can coordinate our reviews and inspections, if required.

Very truly,

A handwritten signature in cursive script, appearing to read "Dan E. Wilson".

Dan E. Wilson  
City Attorney

DEW:jj

c: Bennett Boeschstein, Community Development Director  
John Shaver, Assistant City Attorney



C O L L E G E

P. O. BOX 2647 • GRAND JUNCTION, CO 81502, U. S. A.

May 17, 1991

Dan E. Wilson  
City Attorney  
City of Grand Junction  
250 North Fifth Street  
Grand Junction, CO 81501

Re: VocTech Project at Foresite Park

Dear Mr. Wilson:

Confirming our telephone conversation of today, it may take some time to determine the exact legal relationship between the City and the College regarding building and land use issues for future projects.

In order to make this project proceed without friction, the College will submit plans for the VocTech Center to City Planning. We expect to get a prompt review so that the project will not be delayed.

For this project the College does not object to having city building and fire code inspections as long as we are not required to pay for a building permit.

The Colorado Commission on Higher Education is the agency responsible for approving master planning and program planning for all capital construction projects of State Higher Education facilities.

The State Buildings Division is responsible for assuring that all State Buildings are designed to state standards and applicable codes. The following codes will be applied to this project:

- ANSI 117.1, Standards for Access to the Handicapped
- Applicable Local Codes and Ordinances
- Fire Resistance Ratings per ICBO, NFPA or UL - 1985 where not otherwise specified
- Governing Fire Department Requirements
- National Fire Protection Association Standards - 1988
  - NFPA 101
  - NFPA 45
  - NFPA 30
  - NFPA 70 - National Electrical Code
- State of Colorado Energy Standards
- State Department of Labor Requirements

Page 2- Continued

State Department of Health Requirements  
State Buildings Division Requirements  
State and Federal Safety and Health Laws  
Uniform Building Code - 1988  
Uniform Fire Code - 1988  
Uniform Mechanical Code - 1988  
Uniform Plumbing Code - 1988  
National Electrical Code - 1988  
Utility Company Requirements  
Life Safety Code NFPA 101 - 1988

The Director of the State Buildings Division is Mr. David Leavenworth, Petroleum Building, 110..16th Street, Room 719, Denver, CO...80202.

The State Plumbing Board and State Electrical Board will make appropriate inspections of this project. Other inspections will be the responsibility of Mesa State College. I will be the project coordinator for the college.

Regardless of our exact legal obligations the College wants to cooperate with the City so that all parties are comfortable with our planning and construction projects.

Sincerely,



Ron Gray  
Director, Physical Plant

cc: Dr. Ray Kieft  
Jim Vanderhye  
Bennett Boeschstein



Grand Junction Community Development Department  
Planning • Zoning • Code Enforcement  
250 North Fifth Street  
Grand Junction, Colorado 81501-2668  
(303) 244-1430 FAX (303) 244-1599

June 4, 1991

Mr. Ron Gray  
Mesa State College  
P.O. Box 2647  
Grand Junction, Colorado 81502

Dear Mr. Gray:

Thank you for submitting the site plans for the proposed VoTech Center located at Foresite Park. I have enclosed the review comments from the City Public Works Department, Fire Department, and Community Development Department regarding this project. As soon as these comments and concerns have been addressed, we can issue a Planning Clearance so that you may proceed with the project.

Thank you for your cooperation through this process. Please feel free to contact me at 244-1448 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bennett Boeschenstein".

Bennett Boeschenstein  
Community Development Director

xc: File #36-91  
Dan Wilson, City Attorney  
John Shaver, Assistant City Attorney

REVIEW SHEET SUMMARY

**FILE NO. #36-91**                      **TITLE HEADING: MESA STATE COLLEGE VO-TECH CENTER**

**ACTIVITY: PLANNING CLEARANCE FOR VO-TECH CENTER**

**REPRESENTATIVE: Ron Gray**

**LOCATION: 25 Road & Blichmann Avenue**

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**FIRE DEPARTMENT            05/23/91**

**George Bennett            244-1401**

1.     A fire flow survey needs to be completed. A complete set of plans is required to accomplish this.
2.     Fire alarm plans are to be submitted to our Department for acceptance.
3.     Fire protection system plans and calc's are to be submitted for our review and acceptance.
4.     Additional on-site fire hydrants are required to Code compliance.

The above requirements are to be met for Fire Department clearance for building permit. Please contact our office if you have any questions.

**PUBLIC WORKS DEPARTMENT            05/31/91**

**Jim Shanks                            244-1557**

1.     25 Road required to be improved on east side.
2.     10 foot walk on south side of building exits onto street with a curb ramp. What is the purpose of this ramp? It doesn't lead anywhere.
3.     Drainage calculations required to be submitted. Runoff in 10 year storm is limited to pre-development historic runoff.
4.     Gravel parking areas should have a dust free surface.

**COMMUNITY DEVELOPMENT DEPARTMENT            06/03/91**

**Bennett Boeschstein            244-1448**

1.     **Parking:**
  - The building is designed for 240 students and 9 faculty.
  - Using the high school standard (5-5), the requirement would be 1 space per four or 60 spaces.
  - 160 spaces are shown.

2. Landscaping:
  - Meets 15 percent requirement.
  
3. Grading & Drainage:
  - See Public Works Department's comments.
  
4. Signage:
  - Meets Sign Code.
  
5. 25 Road Improvement:
  - See Public Works Department's comments.
  
6. Screen fencing northern edge:
  - Solid fence to screen parking from adjoining property.





COLLEGE

P. O. BOX 2647 • GRAND JUNCTION, CO 81502, U. S. A.

June 7, 1991

Bennett Boeschstein  
Community Development Director  
250 North Fifth Street  
Grand Junction, CO 81501

Re: File No 36-91.. Mesa State  
College VocTech Center

Dear Mr. Boeschstein:

I have reviewed your comments on the referenced project and have taken or will take the following actions:

1. A complete set of plans was submitted to the Fire Department for additional review.
2. Initiated a request for exemption from the requirement to escrow funds for 25 Road improvements.
3. Have drainage calculations made and make appropriate modifications to limit runoff to pre-development historic runoff.
4. We will pave all parking areas.

The curb ramp on the 10 foot walk on the south side of the building is for occasional entry or exit of vehicles into the demonstration classroom or paint shop. This is not intended for use as a crosswalk on the street.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ron Gray".

Ron Gray  
Director, Physical Plant

cc: Dr. Kieft  
Jim Vanderhye  
Dan Wilson

# MESA STATE

COLLEGE

P. O. BOX 2647 • GRAND JUNCTION, CO 81502, U. S. A.

June 10, 1991

To Bennett [for your files]; I never heard from anyone in response to my query... Dan W 3/28/92

C MARK A COUNTELL Bennett B Jim S John S

Council + Mark: please give me your thoughts on how I should proceed: the real issue is whether we desire to require that this project be heated as any other or.... Dan W 4/7/91

Dan Wilson  
City Attorney  
250 North 5th  
Grand Junction, CO 81501

Re: Mesa State College - VocTech  
Facility - File #26-91

Dear Mr. Wilson:

I would like to request an exemption from the requirement to escrow funds for the improvement of 25 Road on this project.

Since this is a tax supported facility, I believe it is reasonable to ask for an exemption.

Please let me know what additional action is required to implement this request.

Sincerely,



Ron Gray  
Director, Physical Plant

cc: Dr. Ray Kieft  
Jim Vanderhye

June 7, 1991

P. O. BOX 2647 • GRAND JUNCTION, CO 81502, U. S. A.

Bennett Boeschstein  
Community Development Director  
250 North Fifth Street  
Grand Junction, CO 81501

Re: File No 36-91.. Mesa State  
College VocTech Center

Dear Mr. Boeschstein:

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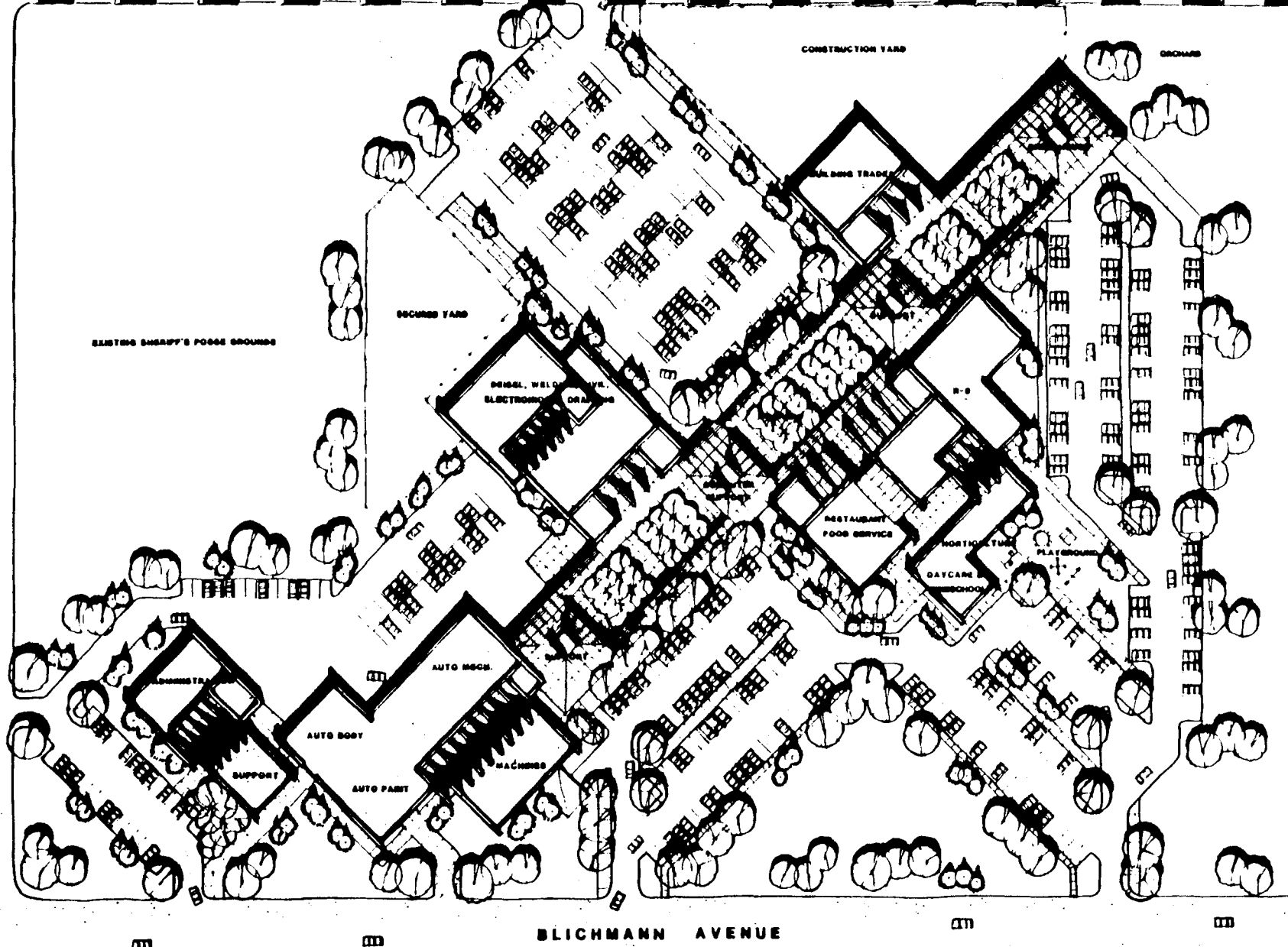
Sincerely,



Ron Gray  
Director, Physical Plant

cc: Dr. Kieft  
Jim Vanderhye  
Dan Wilson

36-91

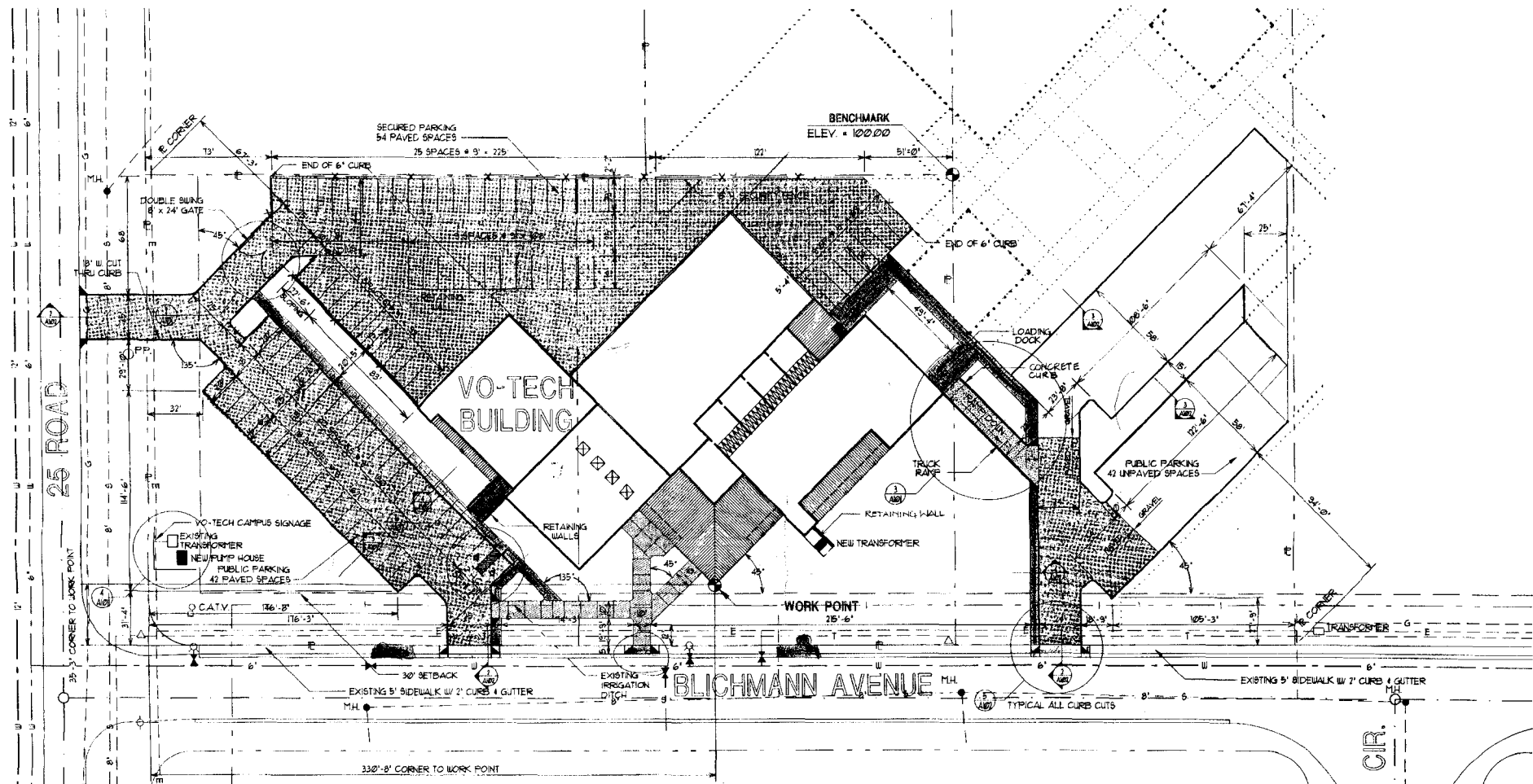


**VOTECH CAMPUS**  
 MESA STATE COLLEGE, GRAND JUNCTION, CO

**PRELIMINARY MASTER PLAN**

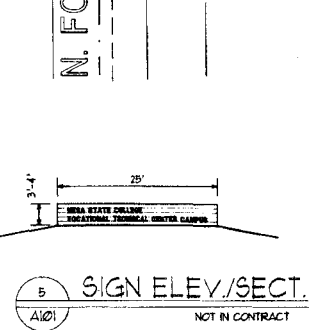
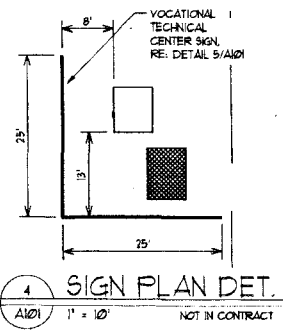
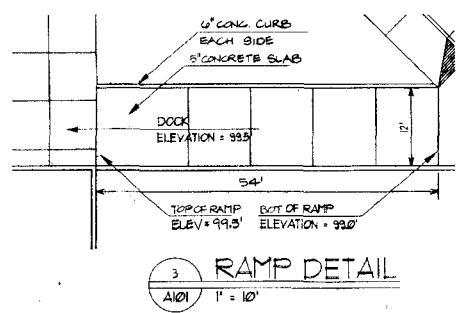
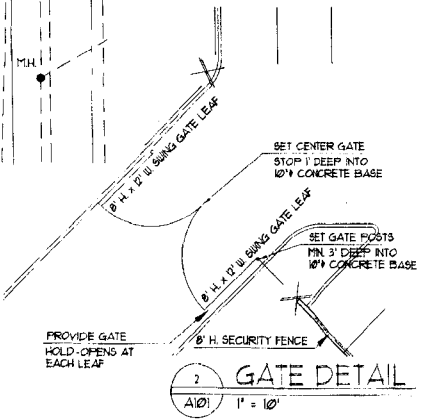


**ML**  
 MESA STATE COLLEGE  
 1000 N. 1ST ST., GRAND JUNCTION, CO 81505  
 970-241-1000  
 1990



**SITE PLAN**  
A101 1" = 30'

- NOTES:
1. DOTTED LINES INDICATE PROPOSED FUTURE DEVELOPMENT PER SITE MASTER PLAN. NOT IN THIS CONTRACT.
  2. REMOVE EXISTING CURB CUT AND INSTALL SIDEWALK, CURB, AND GUTTER TO MATCH ADJACENT.
  3. ALL CURB RADII ARE 3' UNLESS NOTED OTHERWISE. ALL SIDEWALK RADII ARE 2'.
  4. REPAIRING OF CUTS THROUGH EXISTING CONCRETE OR ASPHALT BY ANY UTILITY COMPANY FOR GAS, ELECTRIC, TELEPHONE, AND CATV SERVICE SHOULD BE INCLUDED IN THE WORK UNDER THE CONSTRUCTION CONTRACT.
  5. FIELD VERIFY ALL UTILITY DEPTHS AND LOCATIONS SHOWN ON THIS PLAN. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
  6. DOTTED AREA INDICATES 6" THICK SIDEWALKS, RAMPS & SERVICE DRIVES.



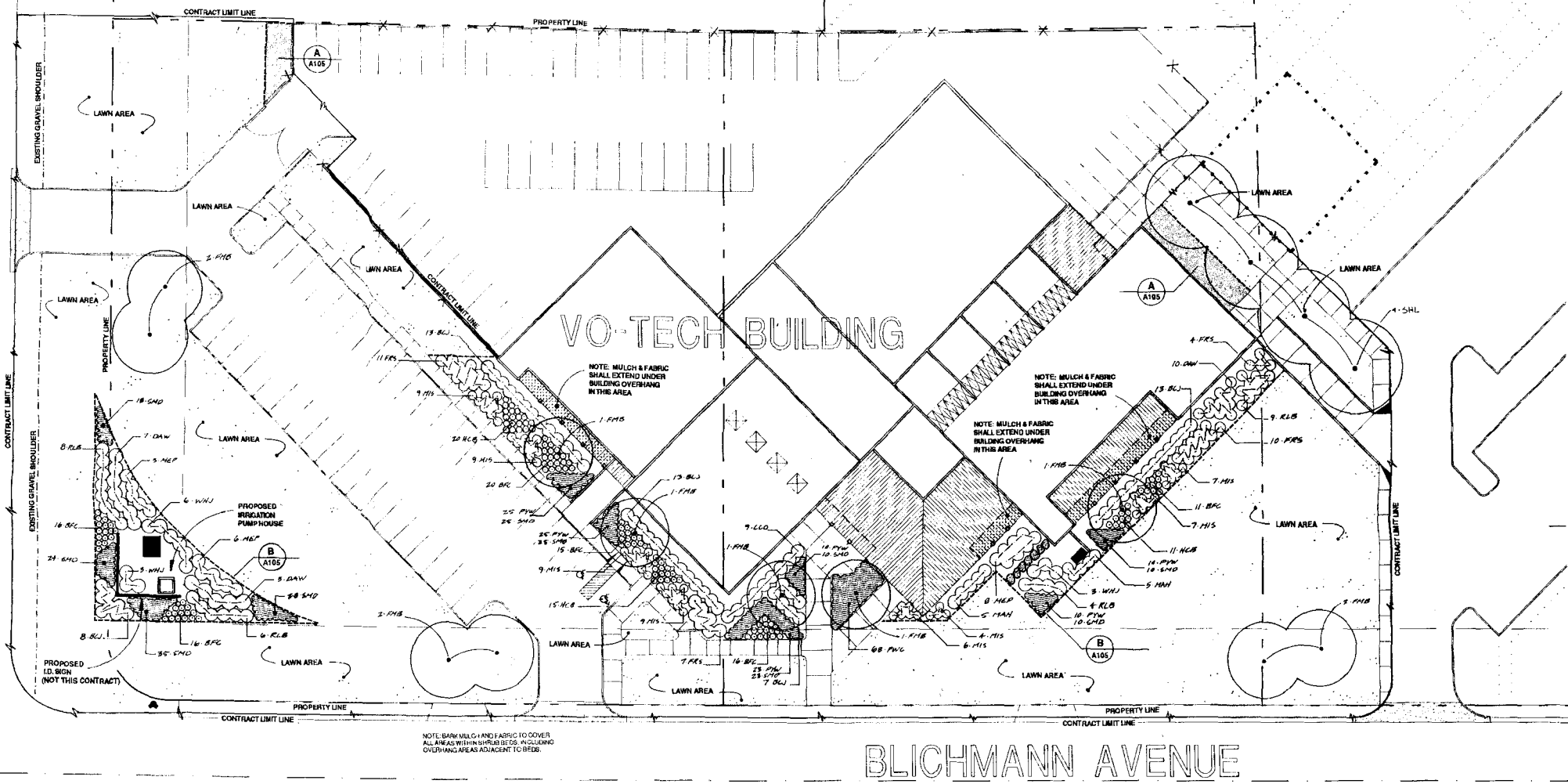
**VO-TECH CENTER**  
MESA STATE COLLEGE  
GRAND JUNCTION, COLORADO

Drawn: DUC  
 Rev: 9/01  
 Checked: JSM/DLB  
 Date: 4-3-01

Sheet Title  
 SITE PLAN  
 & DETAILS

Sheet  
 A101  
 3 of 43





Manning Knapp  
Architects and Planners  
245 South Street, Suite 201  
Grand Junction, CO 81501  
970.241.7000

VO-TECH CENTER  
MESA STATE COLLEGE  
GRAND JUNCTION, COLORADO

**PLANT LIST**

KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
<b>TREES</b>				
FMB	Fraxinus Mulberry	Morus alba "Köngen"	1-1/2" Cal.	As Shown
SHL	Shademaster Honeylocust	Gleditsia triacanthos var. "Shademaster"	1-1/2" Cal.	As Shown
<b>EVERGREEN SHRUBS</b>				
BGC	Blue Chip Juniper	Juniperus horizontalis "Blue Chip"	5 Gal.	As Shown
WHJ	White Jade Juniper	Juniperus scopulorum "White Jade Juniper"	5 Gal.	As Shown
<b>DECIDUOUS SHRUBS</b>				
CCO	Cranberry Colonaster	Coloniastrum apiculatum	5 Gal.	As Shown
DAW	Dwarf Arctic Willow	Salix purpurea nana	5 Gal.	As Shown
FHS	Frederick's Spirea	Spiraea douglasii "Frederick"	5 Gal.	As Shown
HCB	Hancock Cornelian	Symphoricarpos ornamental "Hancock"	5 Gal.	As Shown
MAH	Mount Everest Holly	Mandevilla aquilegifolia	5 Gal.	As Shown
MEP	Mount Everest Potentilla	Potentilla "Mount Everest"	5 Gal.	As Shown
RLB	Red Leaf Barberry	Berberis thunbergii "Aberparquet"	5 Gal.	As Shown
<b>PERENNIALS &amp; GRASSES</b>				
BFC	Blue Fescue	Festuca glauca	1 Gal.	As Shown
BMD	Madison Grass	Miscanthus sinensis "Gracillimus"	1 Gal.	As Shown
PWC	Purple Heart Winterwreger	Eustoma robustum "Colorado"	1 Gal.	2" O.C.
PYW	Pink Yarrow	Achillea millefolium "Tosca"	1 Gal.	2" O.C.
SMD	Silver Mound	Artemisia arbuscula	1 Gal.	2" O.C.

**LEGEND**

- TREES
- SHRUBS
- PERENNIALS & GROUND COVERS
- STEEL EDGER (SEE DETAILS)
- LAWN AREAS
- (7) - 2-1/2" STEPPING STONES
- TRANSFORMERS
- WASHED ROCK OVER FABRIC
- FIRE HYDRANT

**LANDSCAPE PLAN**  
A103 1" = 20'



NOTE:  
1. DOTTED LINES INDICATE PROPOSED  
FUTURE DEVELOPMENT PER SITE  
MASTER PLAN. NOT IN CONTRACT.

CIAVONNE & ASSOCIATES, INC.  
SITE PLANNING LANDSCAPE ARCHITECTURE  
336 MAIN ST. #206, GRAND JUNCTION, CO.  
970-241-0745 81501

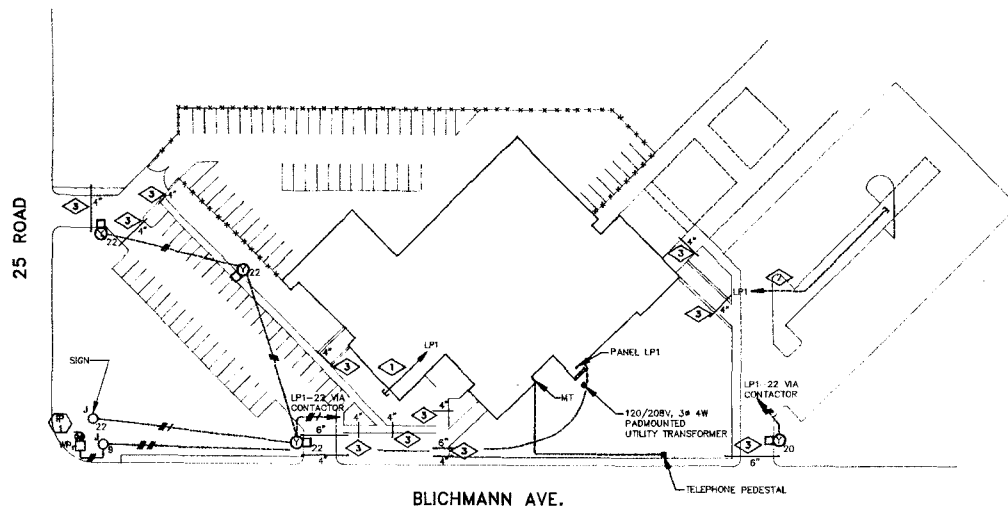
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As  
Checked  
Date 4-3-81

Revisions  
Sheet Title  
LANDSCAPE PLAN

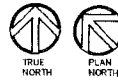
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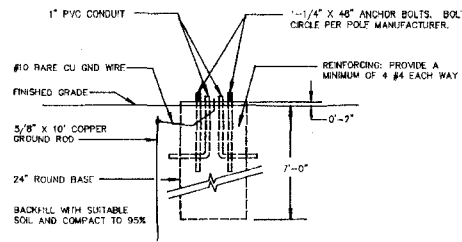


**SITE PLAN**  
SCALE: 1" = 50'-0"

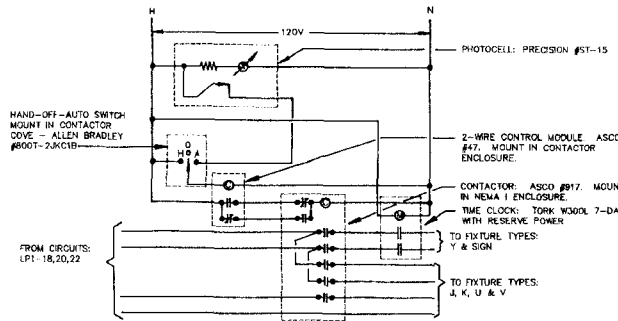


**FLAG NOTES:**

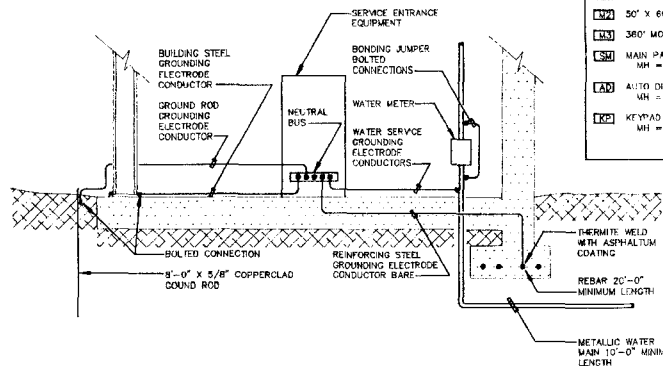
- ◆ STUB 1" PVC CONDUIT 24" BELOW FINISHED GRADE 5'-0" OUT FROM BUILDING, INSTALL PULL WIRE AND MARK LOCATION OF END FOR FUTURE USE.
- ◇ PROVIDE 1" PVC CONDUIT 24" BELOW FINISHED GRADE FOR FUTURE PARKING LOT LIGHTING FIXTURES. INSTALL PULL WIRE, CAP AND MARK LOCATION OF END.
- ▽ PROVIDE PVC SLEEVE 24" DEEP FOR LANDSCAPING. PROVIDE SIZES AS SHOWN ON PLANS. EXTEND CONDUIT 24" ON EACH SIDE OF CONCRETE/PAVEMENT, INSTALL PULL WIRE, CAP AND MARK LOCATION OF END.



**LIGHTING POLE BASE DETAIL**  
NO SCALE



**SCHEMATIC WIRING DIAGRAM**  
**EXTERIOR LIGHTING CONTROL**  
NO SCALE



**SERVICE GROUNDING**  
NO SCALE

**NOTES:**

1. SEE ONE LINE DIAGRAM FOR REQUIRED GROUNDS AND GROUNDING ELECTRODE SIZES.
2. GROUNDING ELECTRODE CONDUCTORS SHALL BE UNSPLICED INSULATED COPPER UNLESS OTHERWISE NOTED.

**SYMBOL LEGEND**

**GENERAL NOTES**

SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
THIS SYMBOL LEGEND IS FOR GENERAL REFERENCE USE. SPECIFIC REQUIREMENTS ON THE PLANS OR SCHEDULES TAKE PRECEDENCE.  
ALL OUTLETS ARE TO BE INSTALLED FLUSH UNLESS OTHERWISE INDICATED.  
MOUNTING HEIGHTS SHOWN ON THE PLANS TAKE PRECEDENCE OVER THIS LEGEND.  
CHECK ALL DOOR SWINGS AND CABINETRY ELEVATIONS BEFORE INSTALLING SWITCH AND OUTLET BOXES.

**ABBREVIATIONS**

- A AMPERES
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- BKR BREAKER
- C CONDUIT
- EM EMERGENCY
- EMT ELECTRICAL METALLIC TUBING
- GR GALVANIZED RIGID CONDUIT
- GRD GROUND
- GF GROUND FAULT INTERRUPTER
- IG ISOLATED GROUND
- INC NOT IN CONTRACT
- NTS NOT TO SCALE
- PVC POLYVINYL CHLORIDE
- R ROOF MOUNTED WEATHERPROOF (PI)
- WP WEATHERPROOF

**SWITCHES MH = 3'-10" TO CENTER**

- ⚡ SINGLE POLE  
b = SWITCH DESIGNATION
- ⚡ TWO POLE
- ⚡ THREE WAY
- ⚡ FOUR WAY
- ⚡ DIMMER
- ⚡ THREE SPEED
- ⚡ SIX POSITION WALL SWITCH
- ⚡ MANUAL MOTOR STARTER

**LIGHTING FIXTURES**

- ⚡ FLUORESCENT - LENSED  
a = FIXTURE TYPE - SEE SCHEDULE  
b = SWITCH DESIGNATION  
1 = CIRCUIT DESIGNATION
- ⚡ FLUORESCENT - OPEN
- ⚡ H. I. D. OR INCANDESCENT - CEILING
- ⚡ H. I. D. OR INCANDESCENT - WALL  
MH = SEE PLANS
- ⚡ POLE MOUNTED - SINGLE

**SECURITY SYSTEM**

- ⚡ MANDOR SWITCH
- ⚡ OVERHEAD DOOR SWITCH
- ⚡ 7'0" X 16" MOTION DETECTOR
- ⚡ 50' X 60' MOTION DETECTOR
- ⚡ 360° MOTION DETECTOR
- ⚡ MAIN PANEL  
MH = 5'-0"
- ⚡ AUTO DIALER  
MH = 5'-0" TO TOP
- ⚡ KEYPAD  
MH = 4'-0" TO TOP

**SERVICE ENTRANCE**

- ⚡ PAD MOUNTED TRANSFORMER
- ⚡ METER  
MH = 5'-0" TO TOP
- ⚡ MDC MAIN DISTRIBUTION CENTER
- ⚡ TELEPHONE TERMINAL  
MH = 4'-6" TO CENTER

**EQUIPMENT**

- ⚡ CONTACTOR  
30 30 = AMPERE RATING  
MH = 4'-6" TO TOP
- ⚡ FUSED DISCONNECT  
MH = 4'-6" TO TOP
- ⚡ UNFUSED DISCONNECT  
MH = 4'-6" TO TOP
- ⚡ DRY TYPE TRANSFORMER  
TRI = DESIGNATION - SEE 1-LINE
- ⚡ MOTOR
- ⚡ PANELBOARD  
L1A = DESIGNATION  
5'-0" TO TOP
- ⚡ PHOTOCELL
- ⚡ COMBINATION MOTOR STARTER  
MH = 4'-6" TO TOP
- ⚡ MAGNETIC MOTOR STARTER  
MH = 4'-6" TO TOP
- ⚡ TIME CLOCK  
MH = 4'-6" TO TOP
- ⚡ THERMOSTAT  
MH = 4'-6" TO TOP

**OUTLETS**

- ⚡ CEILING RECEPTACLE  
b = CIRCUIT NUMBER (TYPICAL)
- ⚡ DUPLEX RECEPTACLE  
MH = 1'-6" TO CENTER  
NO = ISOLATED GROUND
- ⚡ FLOOR RECEPTACLE
- ⚡ FOURPLEX RECEPTACLE  
MH = 1'-6" TO CENTER
- ⚡ SINGLE RECEPTACLE  
MH = 1'-6" TO CENTER
- ⚡ SPECIAL - SEE EQUIPMENT SCHEDULE  
MH = 1'-6" TO CENTER
- ⚡ JUNCTION BOX - CEILING
- ⚡ JUNCTION BOX - WALL  
MH = 1'-6" TO CENTER
- ⚡ TELEPHONE - PAY  
MH = 4'-0" TO CENTER
- ⚡ TELEPHONE - WALL  
MH = 1'-6" TO CENTER

**SPECIAL SYMBOLS**

- ⚡ EQUIPMENT  
AC-1 = DESIGNATION - SEE SCHEDULE
- ⚡ FLAG NOTE
- ⚡ REVISION
- ⚡ ROOM NUMBER
- ⚡ SECTION MARK  
A = SECTION DESIGNATION  
E1 = REFERENCE DRAWING

**CONDUIT**

- CONCEALED IN WALLS OR CEILING
- EXPOSED
- UNDER FLOOR OR UNDERGROUND
- FLEX
- LB-7 HOME RUN  
LB-7 = PANEL & CIRCUIT  
HACHURES = NUMBER OF WIRES
- TURNING UP
- TURNING DOWN
- SURFACE RACEWAY  
MH = 4'-6" TO CENTER
- BUSDUCT

**ONE LINE DIAGRAM**

- FEEDERS:**
- 2-2" PVC NO. OF CONDUITS - SIZE & MATERIAL
  - 3 #4/0 NUMBER & SIZE OF O & N
  - TRW - AL INSULATION & CONDUCTOR
  - 1 #4 GRD (GROUND) S/W (IF USED)
  - TRW - CU INSULATION & CONDUCTOR

**CURRENT TRANSFORMER**

- ⚡ UNFUSED SWITCH  
80 AMPS 3 POLE  
DEVICE # 12
- ⚡ FUSED SWITCH  
80 AMPS 3 POLE FRAME  
DEVICE # 12  
50 AMP KTRN FUSE

**PANELBOARD - SEE SCHEDULE**

- ⚡ DRY TYPE TRANSFORMER  
480 = PRIMARY VOLTAGE  
731 = SERVICE NUMBER  
50 = KVA RATING  
3 = PHASE  
120/208 = SEC. VOLTAGE
- ⚡ VOLTMETER
- ⚡ VOLTMETER SWITCH

**FIRE ALARM SYSTEM**

- ⚡ ANNUNCIATOR PANEL  
MH = 5'-0" TO TOP
- ⚡ DUCT SMOKE DETECTOR
- ⚡ DOUBLE PROJECTOR HORN/LIGHT  
MH = 7'-6" TO CENTER
- ⚡ SPRINKLER SYSTEM FLOW SWITCH
- ⚡ HORN/LIGHT COMBINATION  
MH = 7'-6" TO CENTER
- ⚡ MASTER PANEL  
MH = 5'-0" TO TOP
- ⚡ PULL STATION  
MH = 3'-10" TO CENTER
- ⚡ REMOTE RED INDICATOR LIGHT  
MH = 7'-6" TO CENTER
- ⚡ SPRINKLER VALVE TAMPER SWITCH

**MISCELLANEOUS**

- ⚡ COMPUTER SIGNAL OUTLET  
MH = 1'-6" AFF
- ⚡ CCTV SIGNAL OUTLET  
MH = 7'-6" AFF
- ⚡ COMPUTER SIGNAL/POWER OUTLET

Drawn: K.L.L.  
Job: 4-101  
Checked: M.L.L.  
Date: 4-3-91

Revisions

Sheet Title  
**SITE PLAN**  
**LEGEND & DETAILS**



**VO-TECH CENTER**  
**MESA STATE COLLEGE**  
**GRAND JUNCTION, COLORADO**