ATTACHMENT 1: DRAWINGS

PLA2005-0663-001DA	T-1	Title, Site Plan Vicinity Map & Index of Drawings
PLA2005-0663-002DA	A-1	Existing Floor Plan
PLA2005-0663-003DA	A-2	Existing Elevations
PLA2005-0663-004DA	A-3	Window Details
PLA94-663-002D	A-1	Medical Vestibule
PLZ86-663-004JB	A-4	Ground Floor Plan
PLZ86-663-006JA	A-6	Roof Plan and Details
PLZ86-663-007J	A-7	Exterior Elevations
PLZ86-663-008JA	A-8	Building Sections, Wall Sections & Details
PLZ86-663-009J	A-9	Wall Panel Details, Window Schedule, Louver Schedule & Details
PLZ86-663-010JB	A-10	Spaceframe and Storefront Plans, Elevation, Sections & Details
PLZ86-663-011JB	A-11	Spaceframe & Storefront Plans, Section & Details
PLZ86-663-012JA	A-12	Door Schedule, Details
PLZ86-663-014J	A-14	Reflected Ceiling Plan

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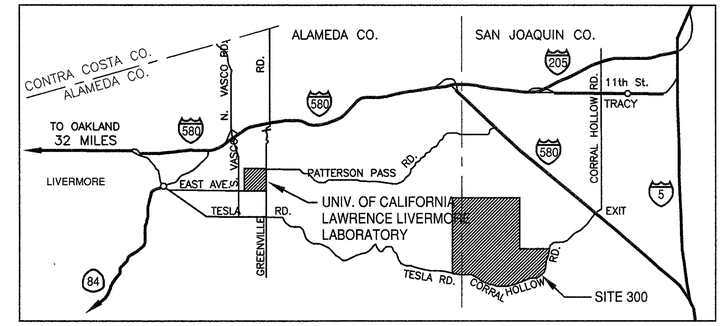
4 INCHES ON ORIGINAL

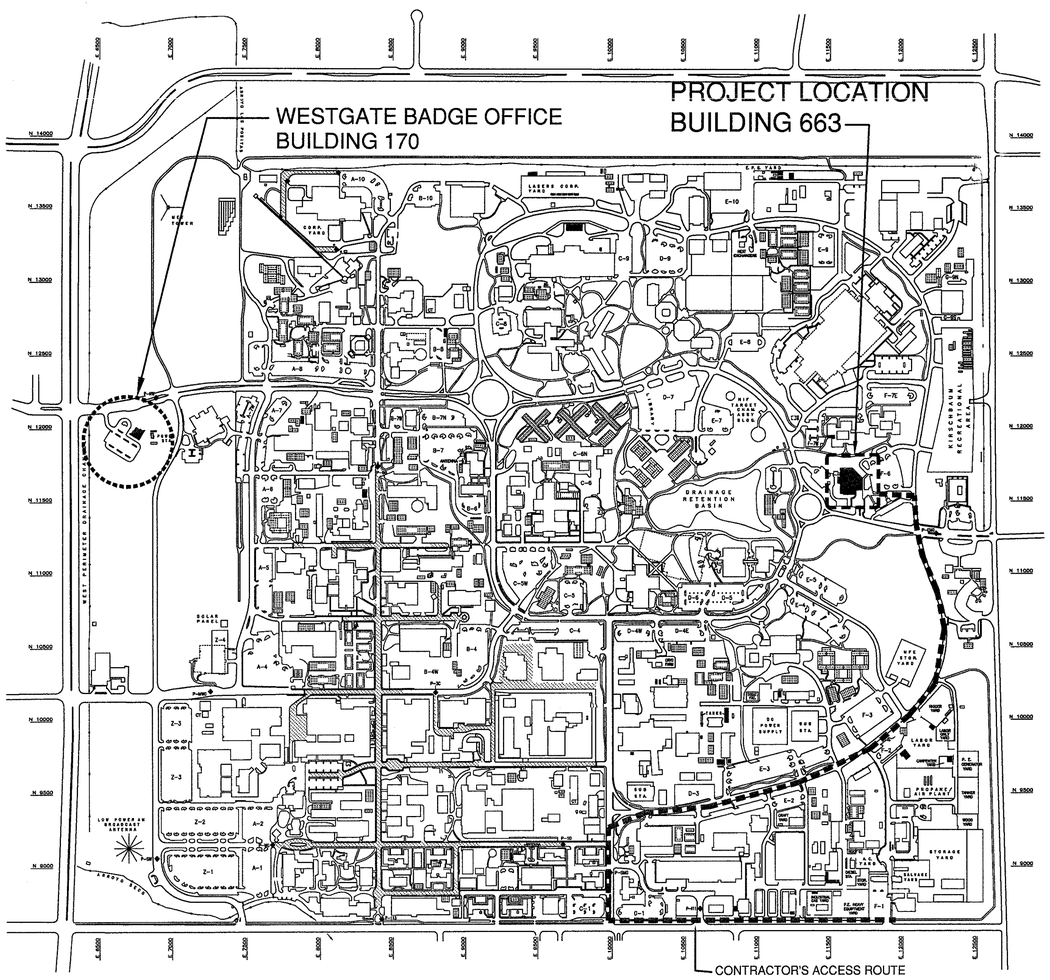
BUILDING ENVELOPE REPLACEMENT
BUILDING 663 MEDICAL FACILITY

A



NORTH

VICINITY MAP
NOT TO SCALE



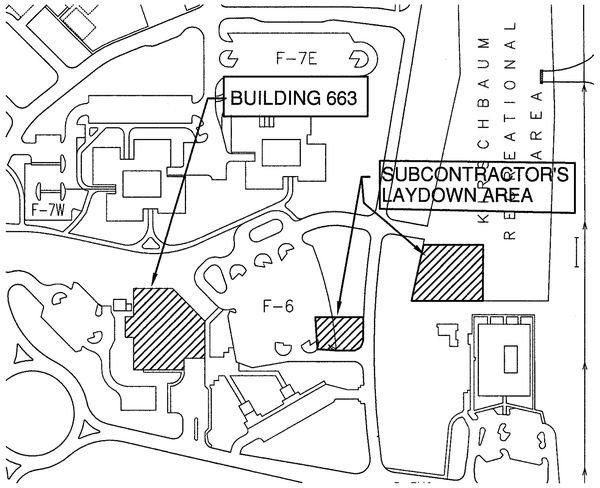
NORTH

SITE PLAN

INDEX OF DRAWINGS

A

PLA2005-0663-0001DA	T-1	TITLE, SITE PLAN, VICINITY MAP & INDEX OF DRAWINGS
PLA2005-0663-0002DA	A-1	EXISTING FLOOR PLAN & NOTES
PLA2005-0663-0003DA	A-2	EXTERIOR ELEVATIONS & NOTES
PLA2005-0663-0004DA	A-3	WINDOW DETAILS
REFERENCE DRAWINGS:		
PLA94-663-002D	A-1	MEDICAL VESTIBULE
PLZ86-663-004JB	A-4	GROUND FLOOR PLAN
PLZ86-663-006JA	A-6	ROOF PLAN & DETAILS
PLZ86-663-007J	A-7	EXTERIOR ELEVATIONS
PLZ86-663-008JA	A-8	BUILDING SECTIONS, WALL SECTIONS & DETAILS
PLZ86-663-009J	A-9	WALL PANEL DETAILS, WINDOW SCHEDULE, LOUVER SCHEDULE & DETAILS
PLZ86-663-010JB	A-10	SPACEFRAME AND STOREFRONT PLANS, ELEVATION, SECTIONS & DETAILS
PLZ86-663-011JB	A-11	SPACEFRAME & STOREFRONT PLANS, SECTION & DETAILS
PLZ86-663-012JA	A-12	DOOR SCHEDULE & DETAILS
PLZ86-663-014J	A-14	REFLECTED CEILING PLAN



NORTH

ENLARGED SITE PLAN

RELEASED FOR CONSTRUCTION	
PE Dept. Head: Barb Quivey	Date: 8/19/05

REVIEWED BY	
M & O: Randall R. Duran	Date: 8/1/05
Haz. Ctrl: Jim Forte	Date: 8/5/05
Security Dave Crippin	Date: 7/27/05
S & S P: Paul Chu	Date: 7/28/05

APPROVED BY	
Client: Paul Phillips	Date: 7/27/05
Proj. Manager: Ed Sioson	Date: 7/27/05
Design: Steven Shih	Date: 7/25/05

No.	Date	Revision	Dwn	Chk	D/C	PM	CL
A	2/6/06	AS NOTED	IKE	E.S.			

Lawrence Livermore National Laboratory
Plant Engineering, Livermore, CA 94550

BUILDING ENVELOPE REPLACEMENT
BUILDING 663 MEDICAL FACILITY

TITLE, SITE PLAN VICINITY MAP &
INDEX OF DRAWINGS

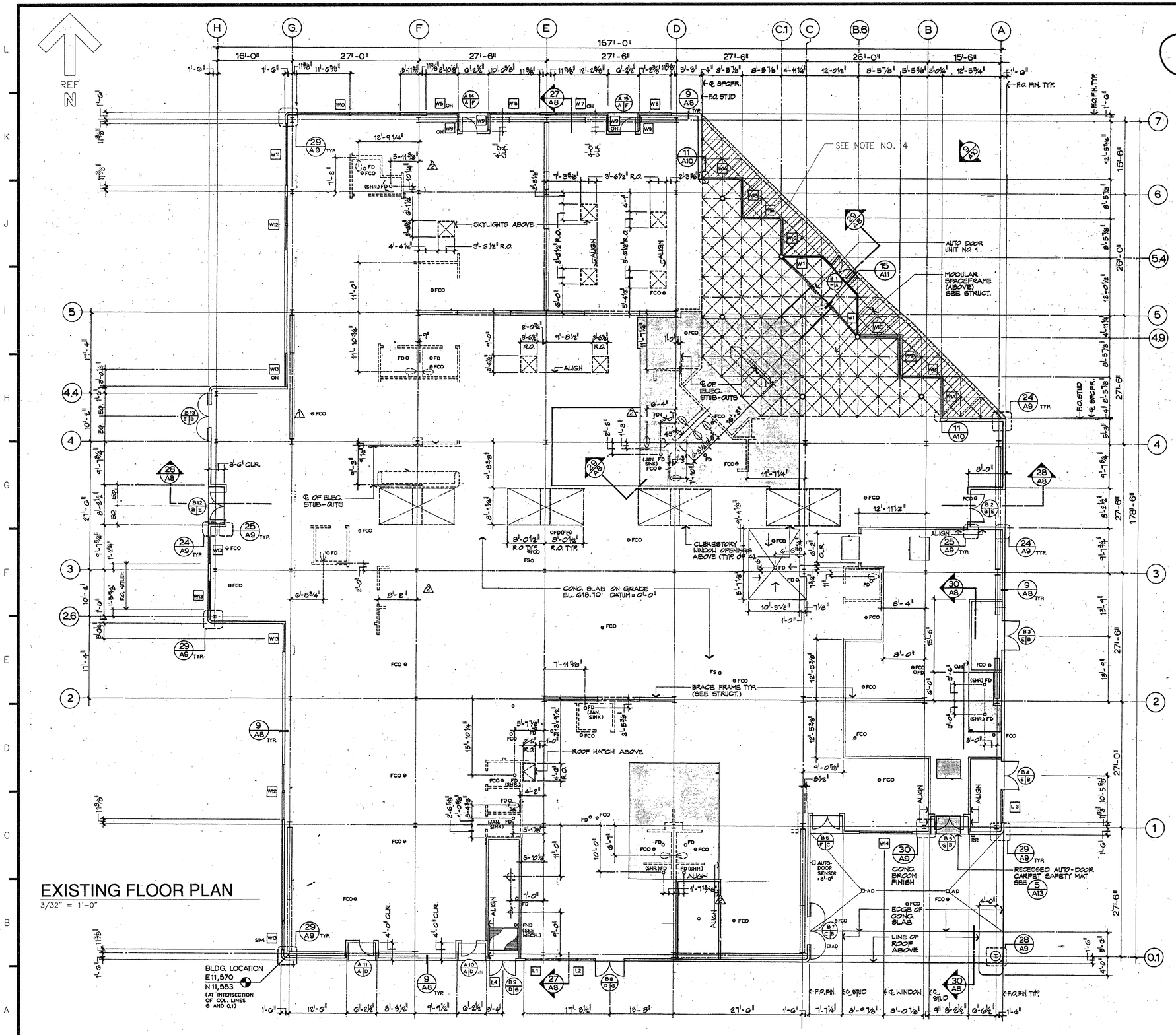
A

REGISTERED PROFESSIONAL ENGINEER
STEVEN P. SHIH
No. 18785
Exp. 6/30/07
CIVIL
STATE OF CALIFORNIA

PE Stamp

Des: ED2/EMF	5/4/05	Scale: NO SCALE
Dwn: IKE FERNANDEZ	5/4/05	PFNID: 663-05-001
Chk: S. SHIH	8/10/05	S/W: ADT2005
Dwg. No. PLA2005-0663-0001DA		Sht. No. T-1 of

File Name: H:\Ike_F\600\663\PLA2005-0663-0001DA.dwg Date Plotted: February 14, 2006 – 8:54am



EXISTING FLOOR PLAN

3/32" = 1'-0"

NOTES:

1. BUILDING FLOOR PLAN SHOWN IS FROM ORIGINAL DESIGN DRAWINGS BY ED2 INTERNATIONAL, DRAWING NO. PLZ86-663-004JA.
2. SEE SHEET A-2 FOR ADDITIONAL NOTES.
3. THE CALLOUTS SHOWN ON THE EXISTING FLOOR PLAN ARE FROM THE ORIGINAL DRAWINGS. COPY OF THE ORIGINAL DRAWINGS ARE ATTACHED AS REFERENCE. SUBCONTRACTOR SHALL SUBMIT TO THE CONTRACTING OFFICER REVISED DETAILS AS REQUIRED TO SUIT NEW SIDING FOR APPROVAL.
4. REPAINT THE EXISTING ALUMINUM CEILING PANELS AT SOFFIT. REPLACE BENT FASCIA. SHOWN SHADED (IN REFERENCE TO 5/A-11)
5. ALL VERTICAL CURVED PANELS SUCH AS COLUMNS AND WALL CORNERS SHALL BE BENT PLATE SIMILAR TO EXISTING, OR CURVED PANELS PER DETAILS 28 & 29 ON DRAWING A-9.
6. ALL 90° WALL CORNERS SHALL BE NOTCHED & BENT PANELS PER DETAILS 24, 25, 26 & 30 ON DRAWING A-9.

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A	2/6/06	AS NOTED	IKE	E.S.			

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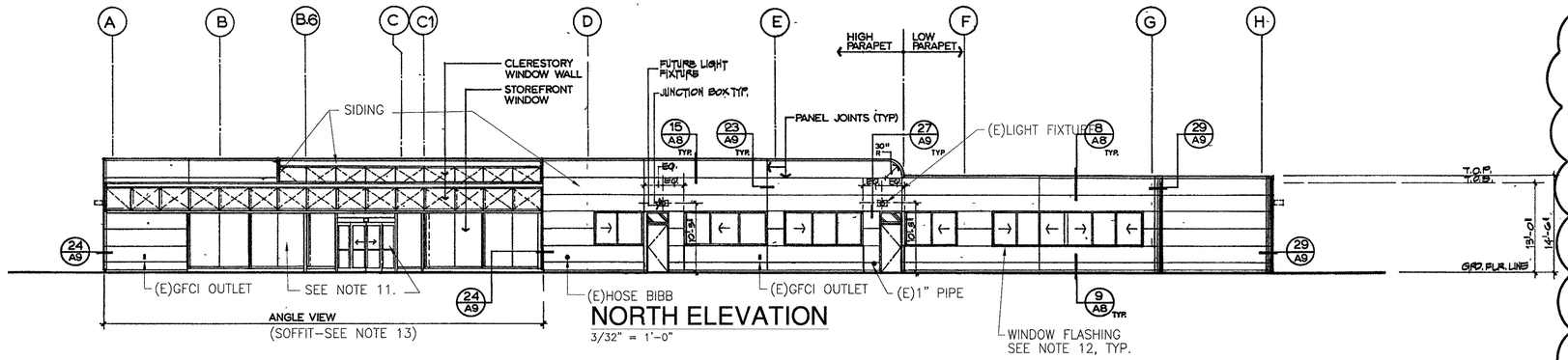
BUILDING ENVELOPE REPLACEMENT
BUILDING 663 MEDICAL FACILITY

EXISTING FLOOR PLAN

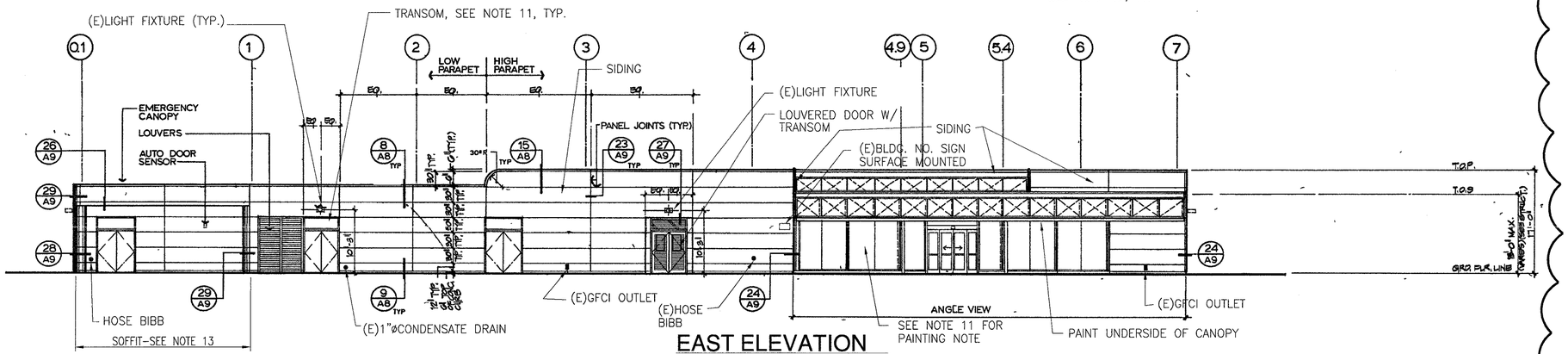
Des: ED2/EMF	7/28/86	Scale: AS NOTED
Dwn: E. FERNANDEZ	5/5/05	PFNID: 663-05-001
Chk: S. SHIH	8/10/05	S/W: ADT2006
Dwg. No. PLA2005-0663-0002DA		Sht. No. A-1 2 of 4

4 INCHES ON ORIGINAL



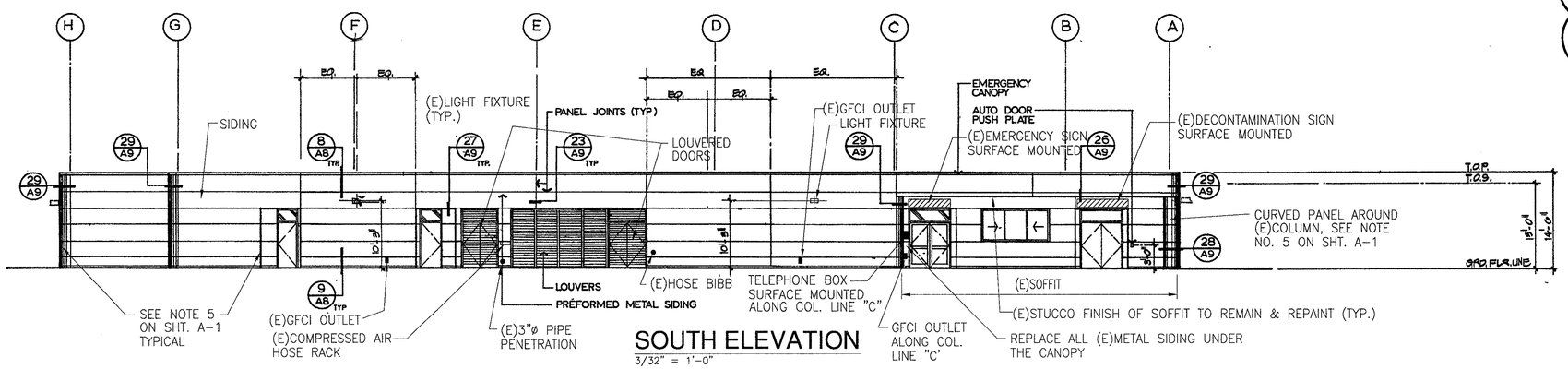
NORTH ELEVATION

3/32" = 1'-0"



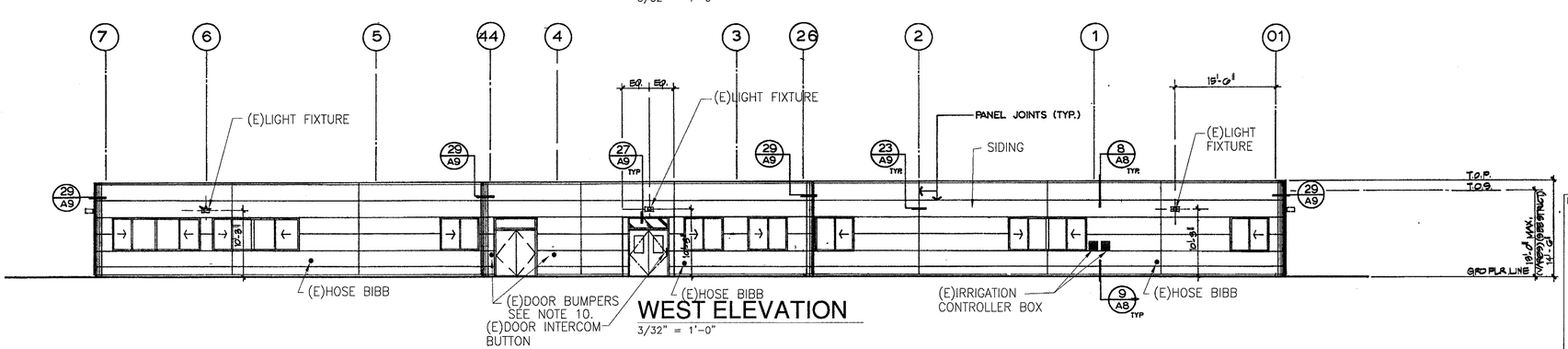
EAST ELEVATION

3/32" = 1'-0"



SOUTH ELEVATION

3/32" = 1'-0"



WEST ELEVATION

3/32" = 1'-0"

NOTES:

1. BUILDING ELEVATIONS SHOWN ARE FROM ORIGINAL DESIGN DRAWINGS BY ED2 INTERNATIONAL, DRAWING NO. PLZ86-663-007J.
2. EXISTING EXTERIOR SIDINGS SHALL BE REPLACE AS SPECIFIED IN THE SPECIFICATION NO. PCS-1454.
3. EXISTING WINDOWS AND FRAMES SHALL NOT BE REPAINTED.
4. ALL EXTERIOR LOUVERS THAT ARE PART OF THE BUILDING ENVELOPE SHALL BE REPLACE OF SAME DIMENSIONS AND PER THE SPECIFICATIONS #10210
5. ALL METAL EXTERIOR DOORS INCLUDING LOUVERED DOORS, TRANSOMS AND FRAMES SHALL BE REPAINTED AS SPECIFIED. COLOR TO MATCH EXISTING.
6. DETAILS FOR THE NEW SIDINGS SHALL BE SAME AS THE ORIGINAL DETAILED DRAWINGS. DEVIATION FROM ORIGINAL DETAILS SHALL BE APPROVED BY THE CONTRACTING OFFICER.
7. THE FOLLOWING ARE REFERENCE DRAWINGS WHICH WILL BE USED FOR THE ENVELOPE REPLACEMENT.

   PLZ86-663-006JA ROOF PLAN & DETAILS (A-6)

   PLZ86-663-008JA BUILDING SECTIONS, WALL SECTIONS & DETAILS (A-8)

   PLZ86-663-009J WALL PANEL DETAILS, WINDOW SCHEDULE, LOUVER SCHEDULE & DETAILS (A-9)

   PLZ86-663-010JB SPACEFRAME AND STOREFRONT PLANS, ELEVATION, SECTIONS & DETAILS (A-10)

   PLZ86-663-011JB SPACEFRAME & STOREFRONT PLANS, SECTIONS & DETAILS (A-11)

   PLZ86-663-012JA DOOR SCHEDULE & DETAILS (A-12)

   PLZ86-663-014J REFLECTED CEILING PLAN (A-14)
8. REMOVE AND REINSTALL ALL ELECTRICAL, PLUMBING & MECHANICAL ITEMS ASSOCIATED WITH THE ENVELOPE REPLACEMENT.
9. REMOVE EXISTING BUILDING SIGNS (i.e. "DECONTAMINATION", "EMERGENCY" AND BUILDING NO.) TEMPORARILY PRIOR TO INSTALLATION OF NEW METAL SIDING. REINSTALL SIGNS UPON COMPLETION OF SIDING INSTALLATION.
10. REMOVE & REPLACE ALL DOOR BUMPERS SIMILAR TO EXISTING.
11. LOBBY VESTIBULE, STOREFRONT WINDOW & DOORS NOT TO BE REPAINTED. SEE DRAWING NOS. PLA94-663-002D & PLA2005-0663-0002DA.
12. FLASHING AT WINDOWS SHALL BE REPLACE AS SHOWN ON SHT. A-4
13. REPAINT ALL STUCCO SOFFIT FINISH TO MATCH EXISTING.

A

No.	Date	Revision	Dwn	Chk	D/C	PM	CL
A	2/6/06	AS NOTED	IKE	E.S.			

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Plant Engineering, Livermore, CA 94550

BUILDING ENVELOPE REPLACEMENT
BUILDING 663 MEDICAL FACILITY

EXTERIOR ELEVATIONS

A

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REGISTERED PROFESSIONAL ENGINEER
STEVEN P. SHIH
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Exp. 6/30/07
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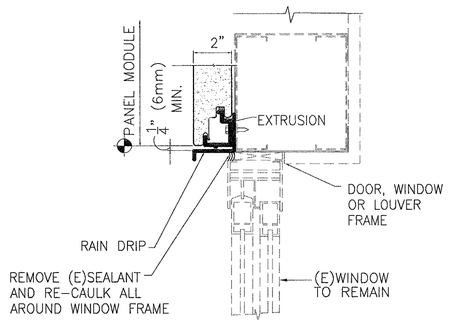
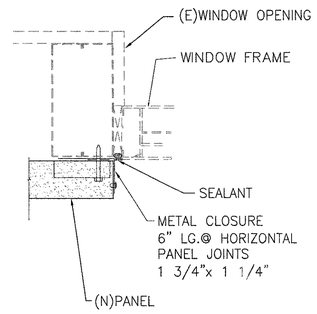
Des: ED2/EMF	5/10/05	Scale: AS NOTED
Dwn: IKE FERNANDEZ	5/10/05	PFNID: 663-05-001
Chk: S. SHIH	8/10/05	S/W: ADT2006
Dwg. No. PLA2005-0663-0003DA		Sht. No. A-2 3 of 4



THIS WILL REPLACE ORIGINAL DETAIL

11 / A-9 REVISED WINDOW HEAD DET.

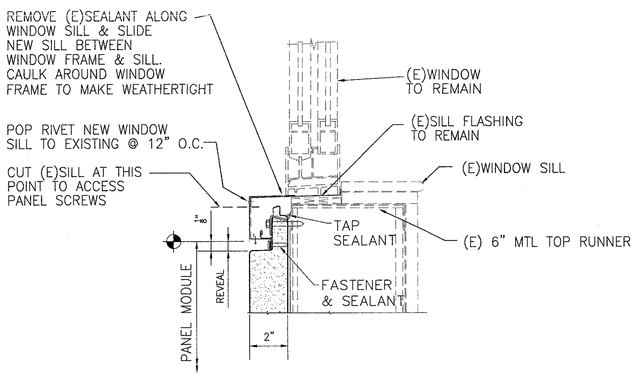
SCALE: 3" = 1'-0"



THIS WILL REPLACE ORIGINAL DETAIL

12 / A-9 REVISED WINDOW JAMB DET.

SCALE: 3" = 1'-0"



THIS WILL REPLACE ORIGINAL DETAIL

13 / A-9 REVISED WINDOW SILL DET.

SCALE: 3" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
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Exp. 6/30/07
CIVIL
STATE OF CALIFORNIA

No.	Date	Revision	Dwn	Chk	D/C	PM	CL
A	2/6/06	AS NOTED	IKE	E.S.			

Lawrence Livermore National Laboratory
Plant Engineering, Livermore, CA 94550

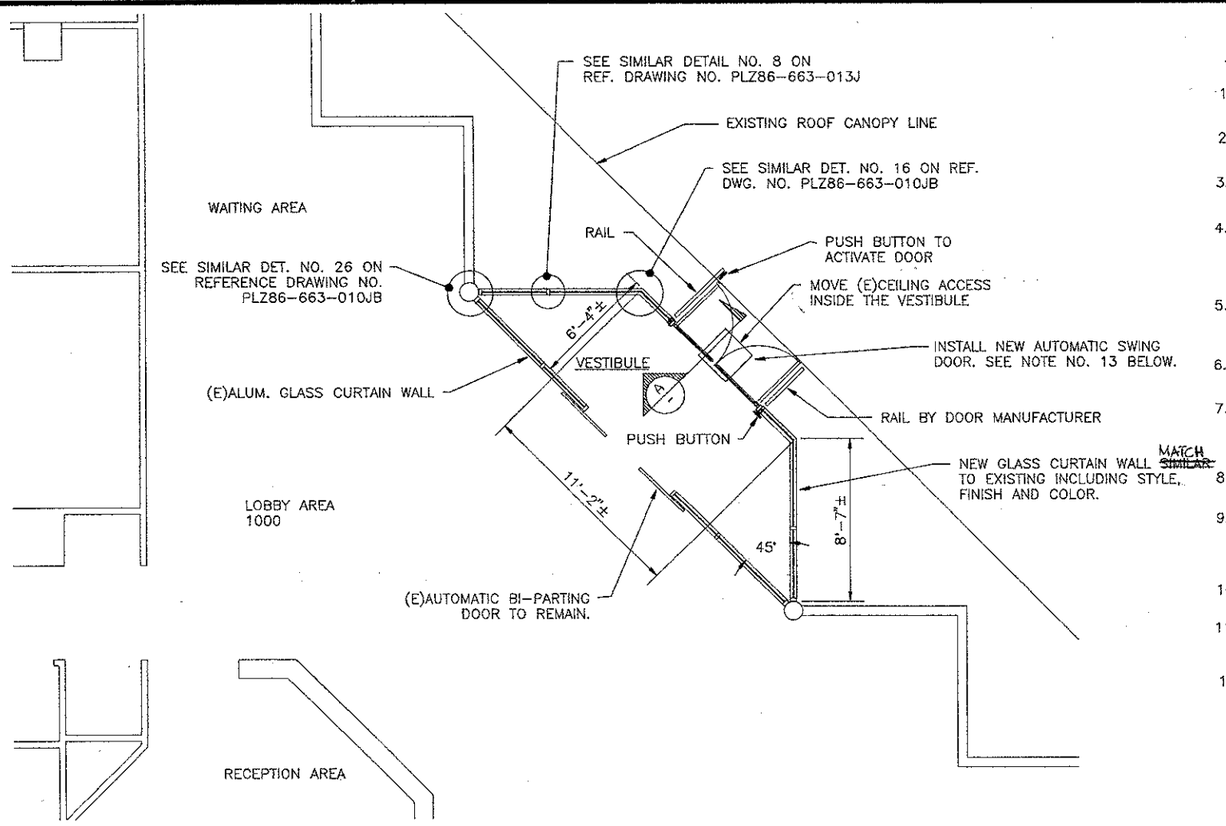
BUILDING ENVELOPE REPLACEMENT
BUILDING 663 MEDICAL FACILTY

WINDOW DETAILS

A

Des: E. FERNANDEZ	8/3/05	Scale: AS NOTED
Dwn: IKE FERNANDEZ	8/3/05	PFNID: 663-05-001
Chk: S. SHIH	8/10/05	S/W: ADT2006
Dwg. No. PLA2005-0663-0004DA		Sht. No. A-3 of

File Name: H:\Ike_F\600\663\PLA2005-0663-0004D.DWG Date Plotted: February 14, 2006 – 8:55am

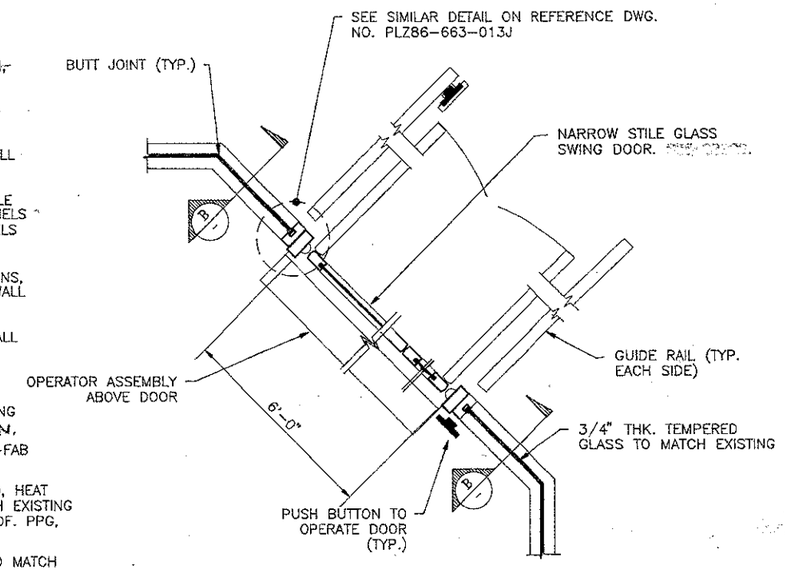


PARTIAL FLOOR PLAN – BLDG. 663 VESTIBULE

SCALE: 1/4" = 1'-0"

NOTES:

1. FOR SPRINKLER HEAD RELOCATION OR ADDITION, SEE MECHANICAL DRAWING.
2. FOR LIGHTING AND POWER, SEE ELECTRICAL DRAWING.
3. EXISTING FLOORING IN THE NEW VESTIBULE SHALL REMAIN.
4. EXISTING METAL CEILING PANEL IN THE VESTIBULE AREA SHALL REMAIN. REPLACE ALL CEILING PANELS DAMAGED DURING CONSTRUCTION. CEILING PANELS SHALL BE SIMILAR IN SHAPE AND COLOR.
5. SUBCONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, CONFIGURATION AND FINISH OF NEW CURTAIN WALL PRIOR TO FABRICATIONS.
6. ACTUAL LOCATION OF DOOR PUSH BUTTONS SHALL BE DETERMINED IN THE FIELD.
7. SUBCONTRACTOR TO SUBMIT SHOP DRAWINGS OF GLASS CURTAIN WALLS AND AUTO. SWING DOORS SHOWING ANCHORING DETAILS TO EXISTING SUPPORT. PRIOR TO START OF CONSTRUCTION.
8. GLASS CURTAIN WALL SHALL BE "KAWNEER TRI-FAB 450" TO MATCH EXISTING.
9. GLAZING SHALL BE 3/4" THK. FULLY TEMPERED, HEAT ABSORBING, GLARE REDUCING, TINTED TO MATCH EXISTING AND GLAZING QUALITY AS MANUFACTURED BY LOF. PPG, OR EQUAL.
10. GLAZING SEALANT SHALL BE BLACK SILICONE TO MATCH EXISTING.
11. DOOR SUBCONTRACTOR TO PROVIDE AND POST A SIGN ON THE EXTERIOR SIDE A WARNING SIGN "WARNING, DOOR OPEN OUTWARD".
12. SET DOOR OPENER SPEED TO LOW.



ENLARGED PLAN – NEW DOOR

SCALE: 1" = 1'-0"

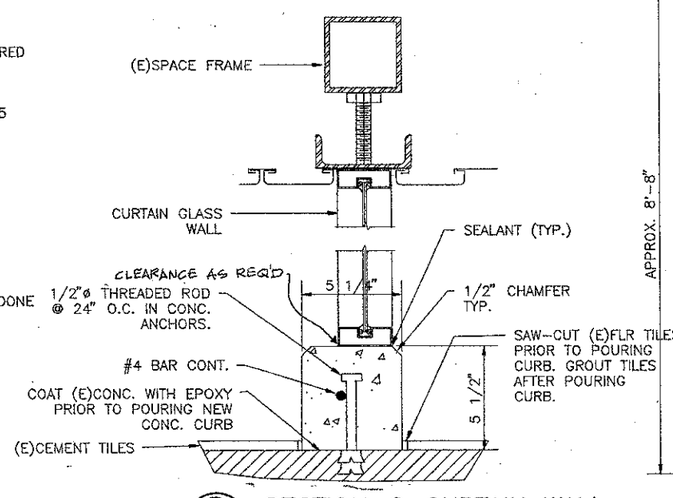
DO NOT REVISE THIS DRAWING

PROPOSED MODIFICATIONS AND REVISIONS TO THIS DOCUMENT MUST BE SUBMITTED TO THE PLANT ENGINEERING FAST TRACK CADDS GROUP. EXTENSION: 3-4928

DRAWING FILE NAME: PLA94-663-002D

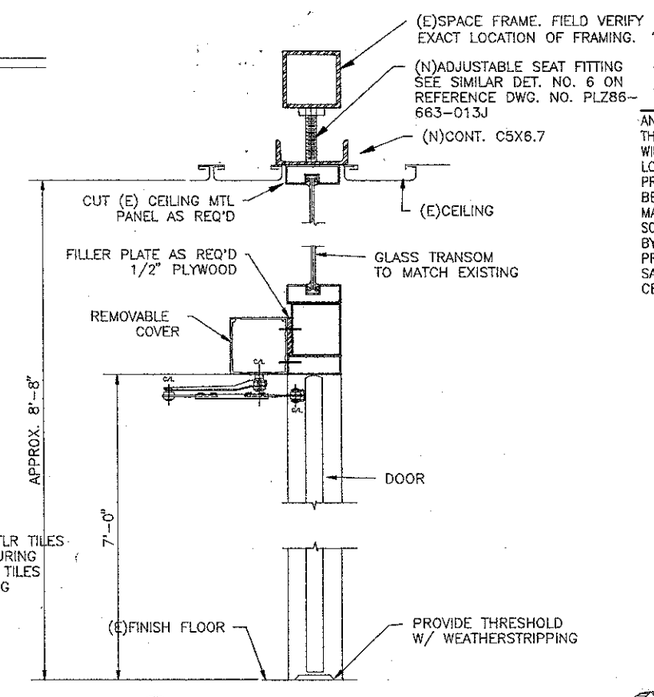
CONTINUATION OF NOTES:

13. SWING-OUT DOOR SHALL BE "ELECTRA 150 SELF-CONTAINED, SURFACE MOUNTED SYSTEM AS MANUFACTURED BY BESAM, INC., STANLEY, DOR-O-MATIC OR EQUAL. INSTALLATION SHALL BE PERFORMED BY LOCAL AUTHORIZED DISTRIBUTOR. DOOR AND FRAMES SHALL BE "NARROW STILE" TYPE AND FABRICATED OF 6063-T5 ALLOY. GLAZING SHALL BE 5/8" TEMPERED INSULATED GLASS. TINT SHALL MATCH EXISTING GLAZING. DOOR SYSTEM SHALL INCLUDE THE FOLLOWING:
    A. ALUMINUM FRAMES, DOORS AND GLAZING INCLUDING RAILINGS.
    B. OPERATOR HOUSING
    C. OPERATOR ASSEMBLY INCLUDING PUSH BUTTONS
    D. ELECTRONIC CONTROLS
    E. A.C. ELECTRIC MOTOR
    F. INSTALLATION AND TESTING OF DOOR OPERATIONS
14. ALL WORK UNLESS OTHERWISE NOTED SHALL BE DONE BY LLNL EXCEPT THE GLASS CURTAIN WALL AND THE AUTO-SWING DOORS.



B SECTION @ CURTAIN WALL

SCALE: 3" = 1'-0"

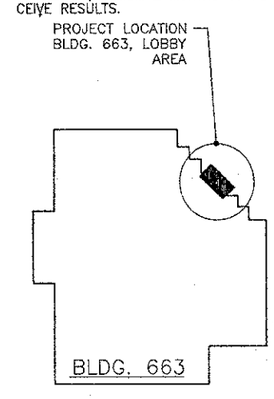


A SECTION @ DOOR

SCALE: NO SCALE

SOIL NOTE

ANY SOIL OR ASPHALT, REMOVED FROM THIS AREA DURING CONSTRUCTION, WHICH WILL BE DISPOSED OF OFF SITE, OR RE-LOCATED ON SITE, MUST BE ANALYZED PRIOR TO DISPOSAL. SIX SAMPLES WILL BE TESTED (3 AT SURFACE AND 3 AT MAXIMUM TRENCH DEPTH). STOCKPILED SOIL SHALL BE PLACED ON, AND COVERED BY, PLASTIC. CONTACT ENVIRONMENTAL PROTECTION DEPARTMENT TO SCHEDULE SAMPLING (MINIMUM 2 MONTHS TO RE-CEIVE RESULTS.



KEY PLAN

SCALE: NO SCALE

NO.	DATE	REVISION	BY	CHKED	DC	PE/A

DRAWING TITLE: PARTIAL FLOOR PLAN, DETAILS AND NOTES

Lawrence Livermore National Laboratory
Plant Engineering
Livermore, CA 94550

PROJECT TITLE: BUILDING 663 MEDICAL VESTIBULE

EST

PM/CL	A. Shilly	8/18/94
PE/A	[illegible]	8-16-94
SEC	[illegible]	8-16-94
M/O	[illegible]	8-16-94
H.C.	[illegible]	8/26/94
DES	E. FERNANDEZ	4/18/94
DWG	E. FERNANDEZ	8/11/94
CHK	D. LING	8/17/94
CL	[illegible]	8/17/94

LICENSED ARCHITECT DICK LING No. C-21252 9/30/95 RENEWAL DATE STATE OF CALIFORNIA

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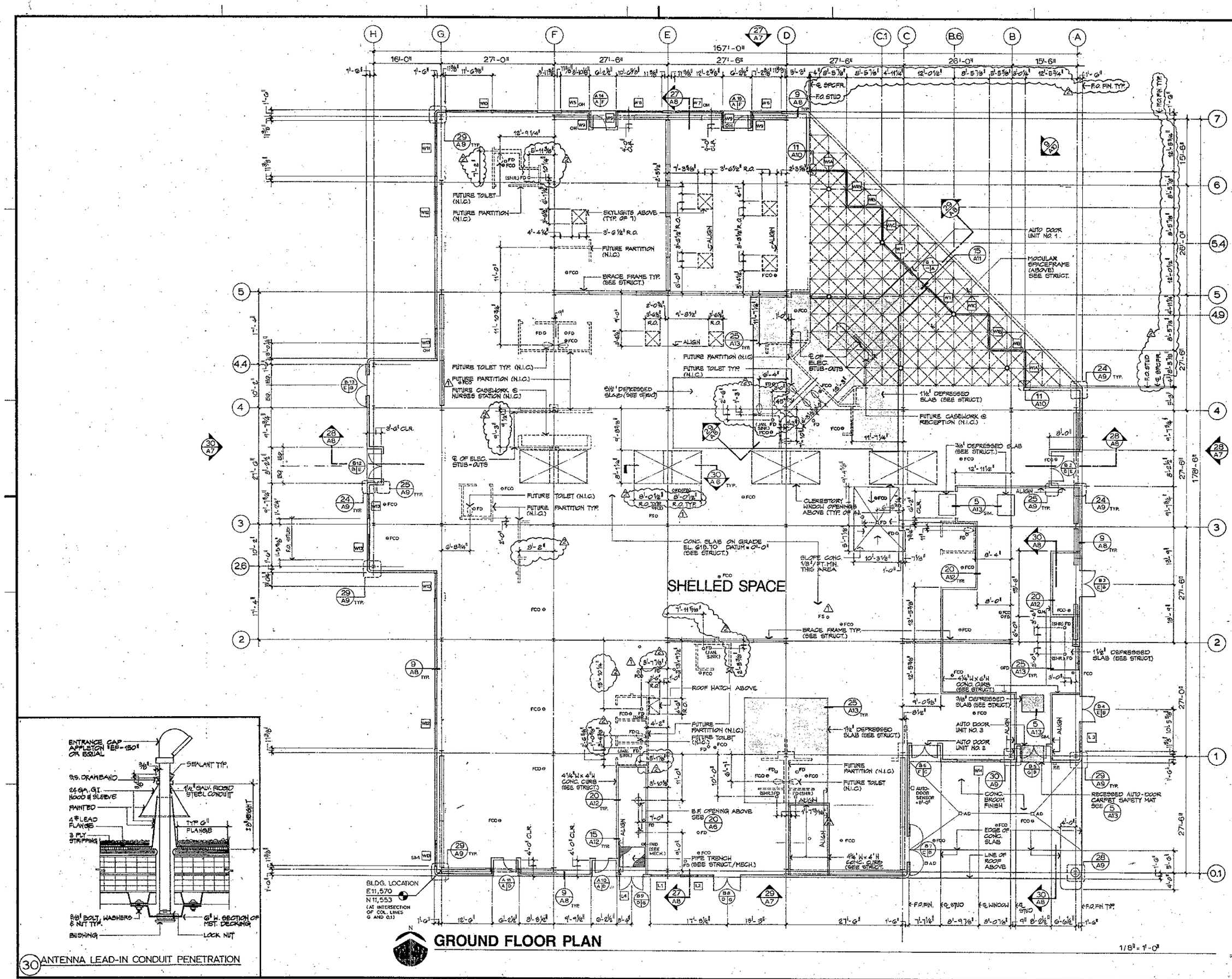
PFNID: 663-94-002 | SHEET NO.: | OF:

DWG. NO.: PLA94-663-002D | A-1

GPO: 1994-585-198 LL-5537-6A 7600-69959



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PLANNING
ARCHITECTURE
URBAN DESIGN
INTERIORS

1660 PACIFIC AVENUE
SAN FRANCISCO
CALIFORNIA 94109.2569
415·474·1400

Architect C-10636 Reg. No.

MEDICAL FACILITY

TITLE II
TASK NO. 7

LAWRENCE LIVERMORE NATIONAL LABORATORY

UNIVERSITY OF CALIFORNIA
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MELVIN LEE ASSOCIATES
Landscape Architects / Planners
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Landscape Architect Reg. No.

Issuances and Revisions

No.	Date	Description
	5/9/86	75% SUBMITTAL
	6/13/86	90% SUBMITTAL
	7/3/86	100% SUBMITTAL
	7/28/86	BID & CONSTRUCTION
1	8/22/86	ADDENDUM NO.1
2	10/23/86	REVISON NO. 1
	1-19-90	AS-BUILTS

CONSTRUCTION PACKAGE #2
RELEASE FOR CONSTRUCTION
C DATE 8/1/86
HC DATE 7/27/86
S DATE 7/29/86
F DATE 7/30/86

Date 7/28/86

Sheet Title
GROUND FLOOR PLAN

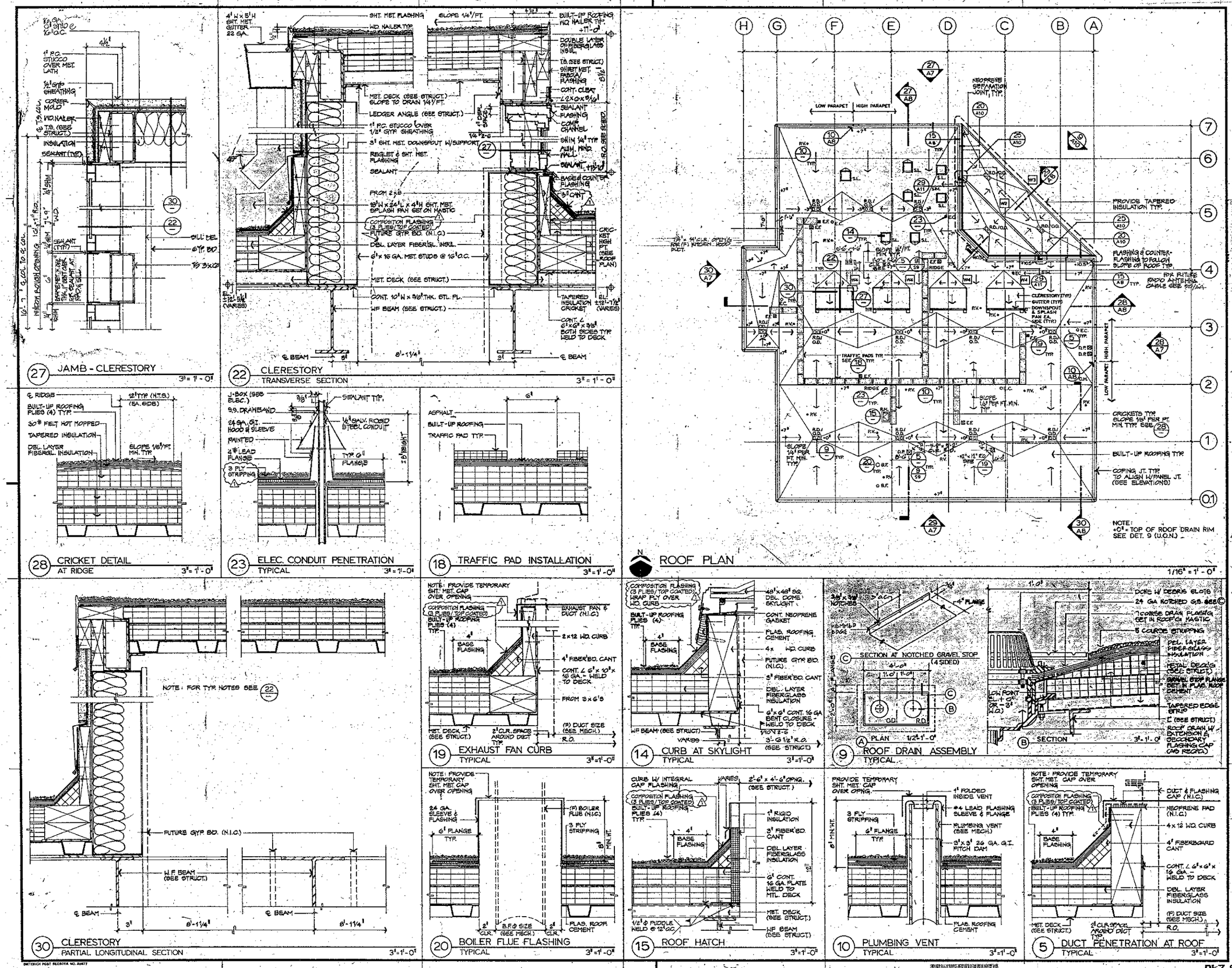
SCALE: 1/8" = 1'-0"

Project No. 8517

A-4 2

Sheet No. Revision

PLZ 86-663-004J B



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Issuances and Revisions

No.	Date	Description
	5/9/86	75% SUBMITTAL
	6/13/86	90% SUBMITTAL
	7/3/86	100% SUBMITTAL
	7/28/86	BID & CONSTRUCTION
1	8/22/86	ADDENDUM NO. 1
	1-19-90	AS-BUILTS

CONSTRUCTION PACKAGE #2
RELEASE FOR CONSTRUCTION
C DATE 8/1/86
HC DATE 7/28/86
S DATE 7/29/86
FO DATE 7/31/86

Date 7/28/86

Sheet Title
ROOF PLAN AND DETAILS

SCALE AS NOTED

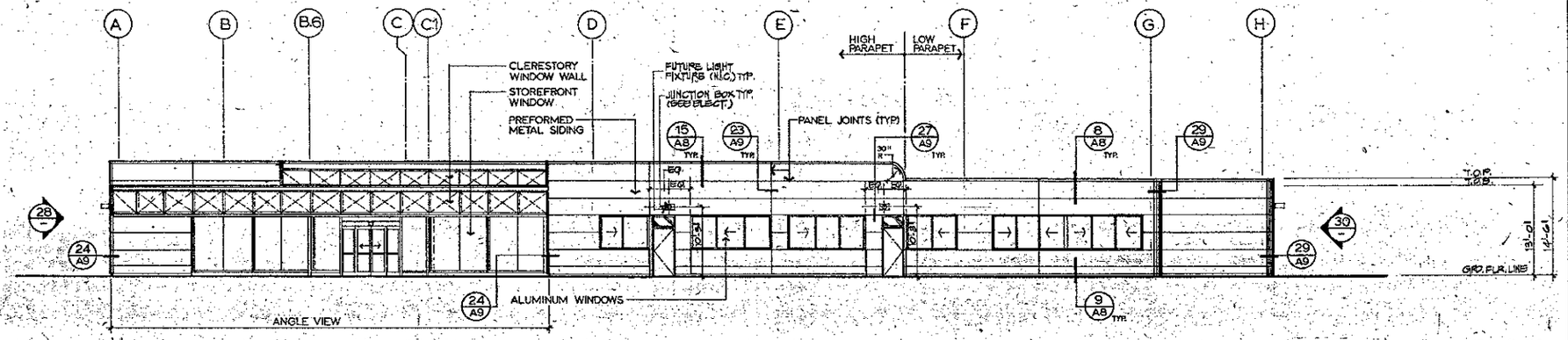
Project No. 8517

A-6

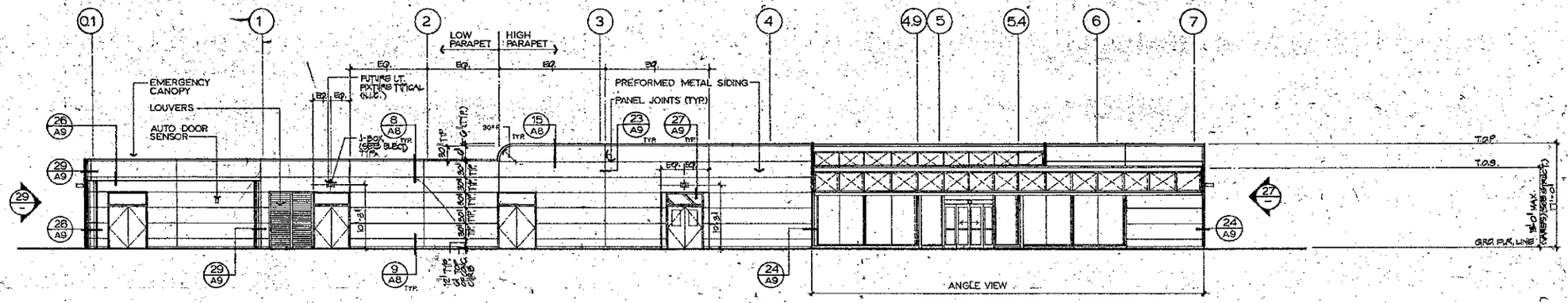
Sheet No.

Revision A

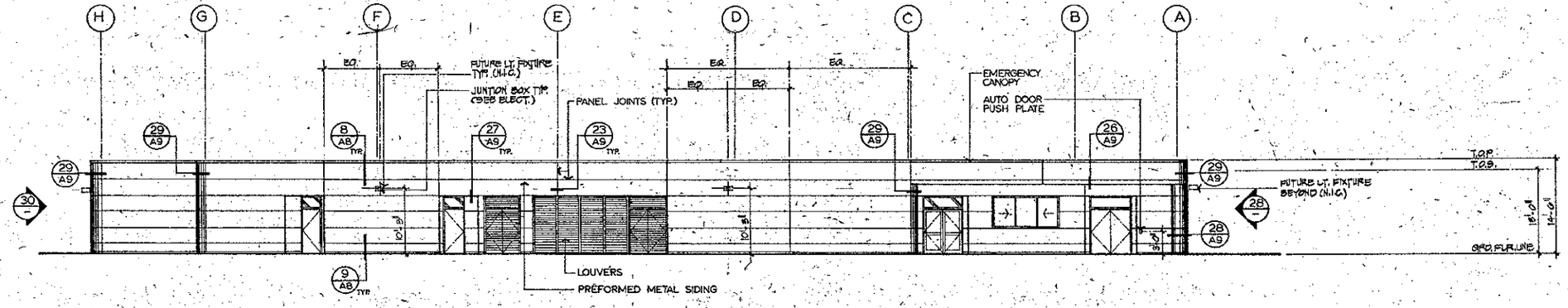
PLZ 86-663-006J



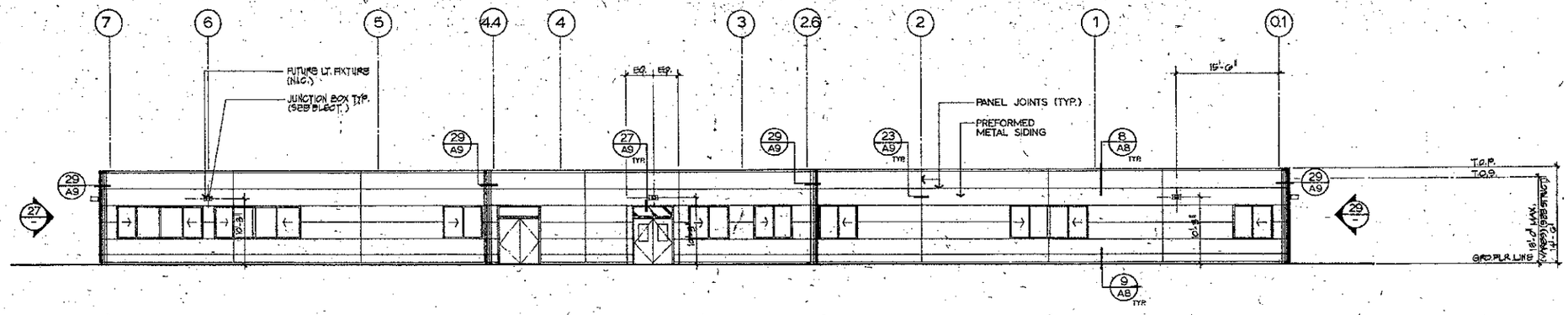
27 NORTH ELEVATION 1/8" = 1'-0"



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



29 SOUTH ELEVATION 1/8" = 1'-0"



30 WEST ELEVATION 1/8" = 1'-0"

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Architect Reg. No.

MEDICAL FACILITY

TITLE II
TASK NO. 7

LAWRENCE LIVERMORE NATIONAL LABORATORY

UNIVERSITY OF CALIFORNIA
Livermore, Ca

TAKAHASHI CONSULTING ENGINEERS, INC.
Mechanical / Electrical Engineers
50 GREEN ST.
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(415) 986-4250

Engineer Reg. No.

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Engineer Reg. No.

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Landscape Architects / Planners
1550 PACIFIC AVE.
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Landscape Architect Reg. No.

Issuances and Revisions

No.	Date	Description
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	6/13/86	90% SUBMITTAL
	7/3/86	100% SUBMITTAL
	7/28/86	BID & CONSTRUCTION
	1-19-90	AS-BUILTS

CONSTRUCTION PACKAGE #2
RELEASE FOR CONSTRUCTION
C DATE 8/1/86
HC DATE 7/30/86
S DATE 7/29/86
FP DATE 7/30/86

Date 7/28/86

Sheet Title
EXTERIOR ELEVATIONS

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

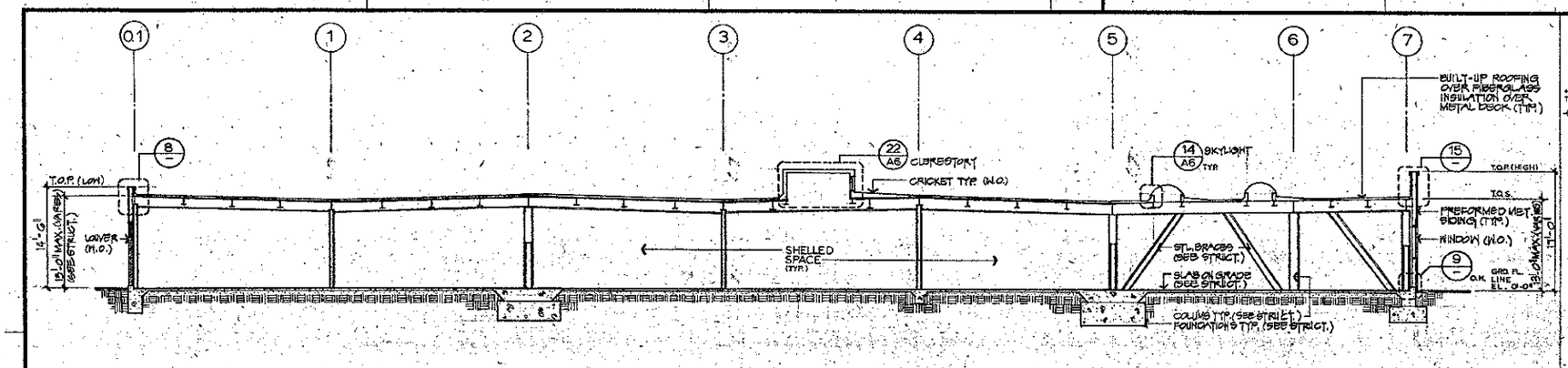
Project No. 8517

A-7

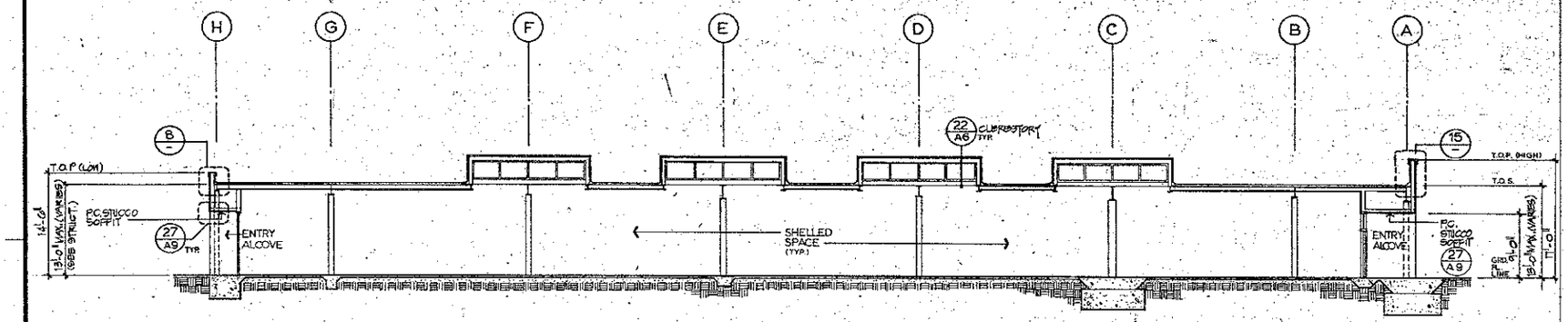
Sheet No. Revision

PLZ 86-663-007J

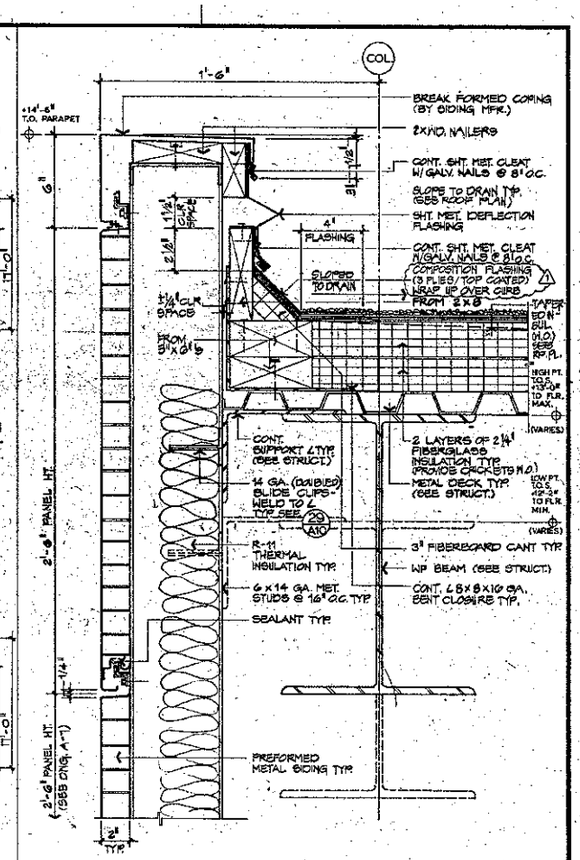
DIETERICH POST RECORDER NO. 39877



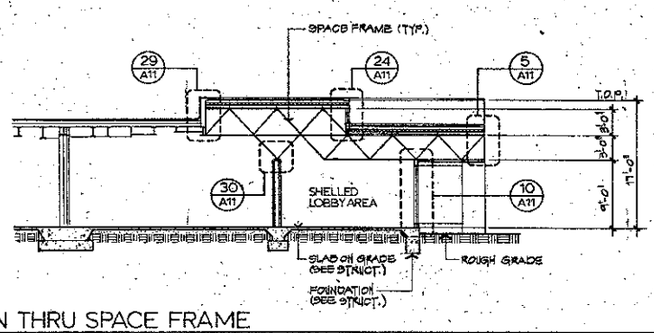
27 LONGITUDINAL SECTION 1/8"=1'-0"



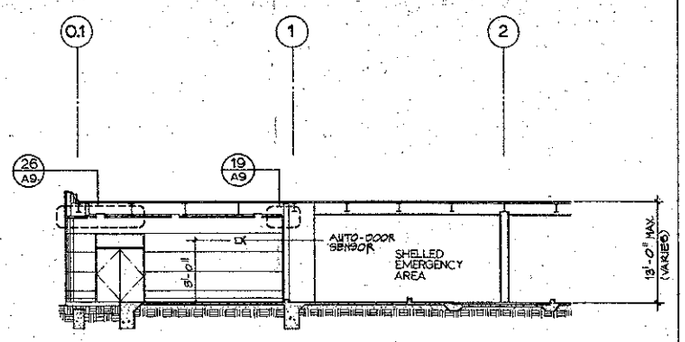
28 TRANSVERSE SECTION 1/8"=1'-0"



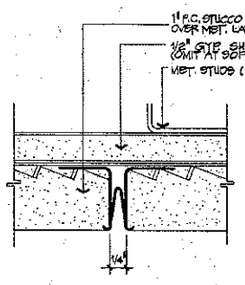
8 EXT. WALL AT LOW PARAPET TYPICAL 3"=1'-0"



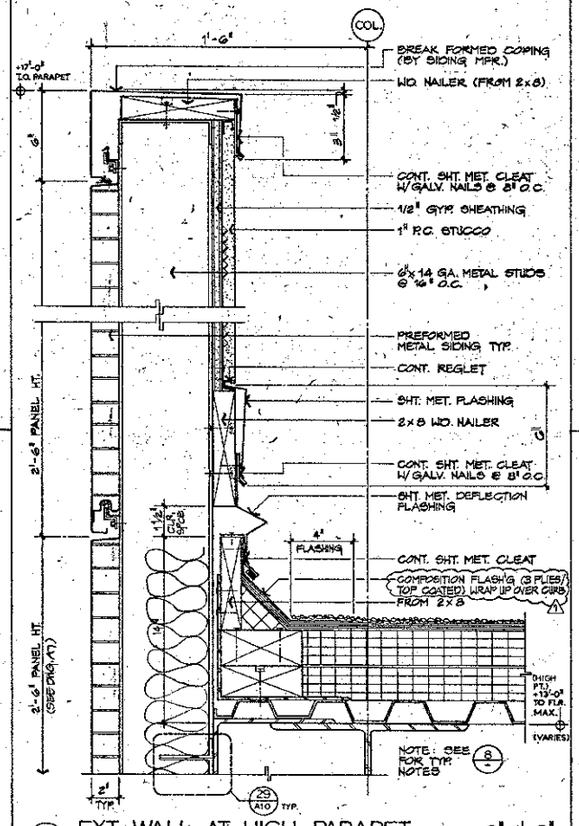
29 SECTION THRU SPACE FRAME 1/8"=1'-0"



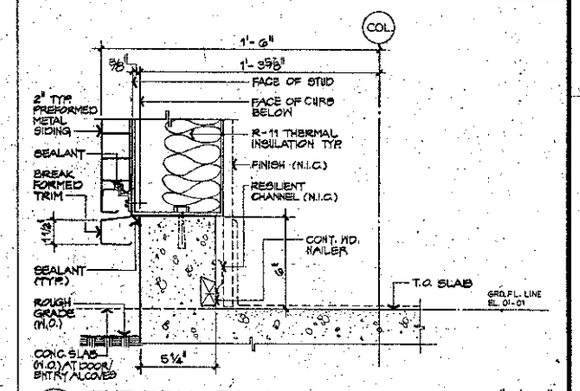
30 SECTION THRU EMERGENCY CANOPY 1/8"=1'-0"



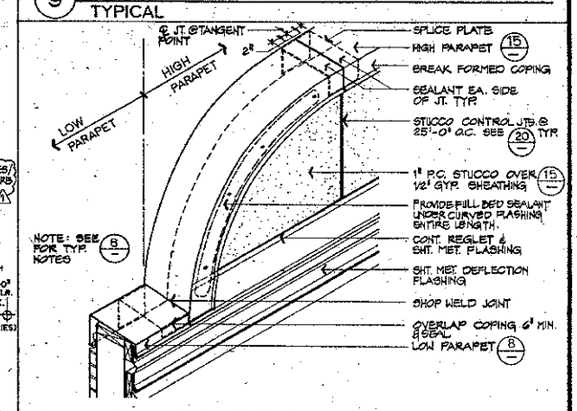
20 STUCCO CONTROL JOINT FULL SIZE



15 EXT. WALL AT HIGH PARAPET TYPICAL 3"=1'-0"



9 EXT. WALL BASE TYPICAL 3"=1'-0"



10 ISOMETRIC AT PARAPET TRANSITION ROOF SIDE N.T.S.

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PLANNING
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URBAN DESIGN
INTERIORS

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Landscape Architect Reg. No.

MEDICAL FACILITY

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TASK NO. 7

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	1-19-90	AS-BUILTS

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HC DATE 7/25/86
S DATE 7/30/86
FO DATE 7/31/86

Date 7/28/86

Sheet Title
BUILDING SECTIONS, WALL SECTIONS & DETAILS

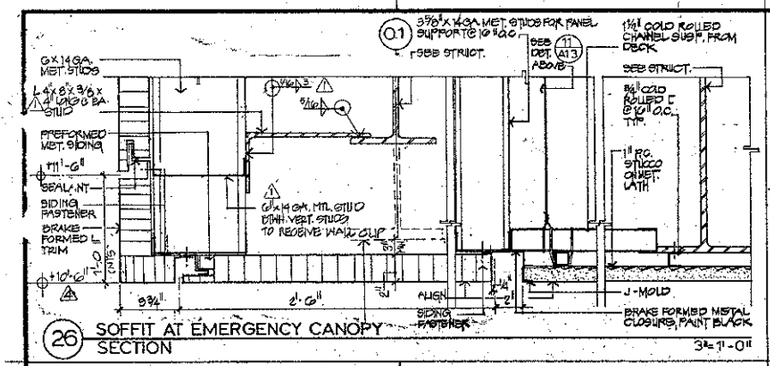
SCALE AS NOTED

Project No. 8517

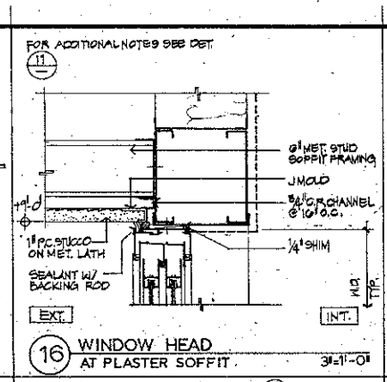
A-8 1

Sheet No. Revision

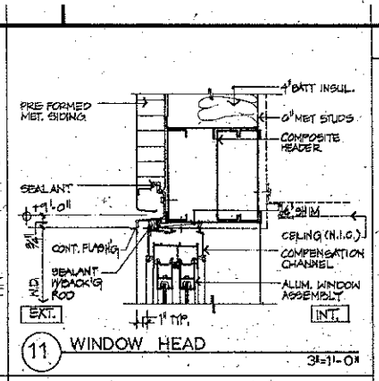
PLZ 86-663-008J



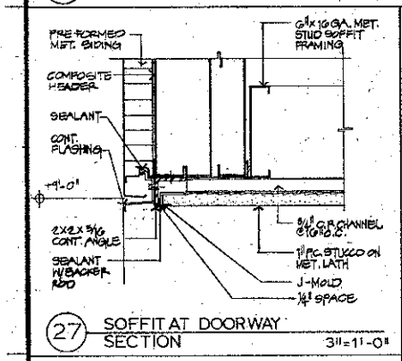
(26) SOFFIT AT EMERGENCY CANOPY SECTION 3"=1'-0"



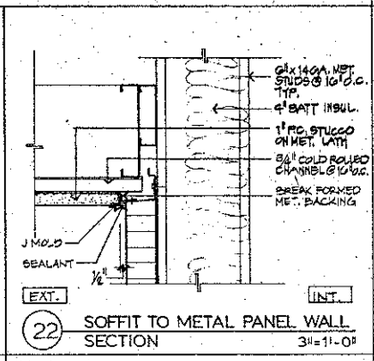
(16) WINDOW HEAD AT PLASTER SOFFIT 3"=1'-0"



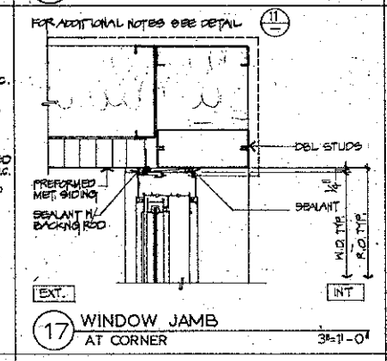
(11) WINDOW HEAD 3"=1'-0"



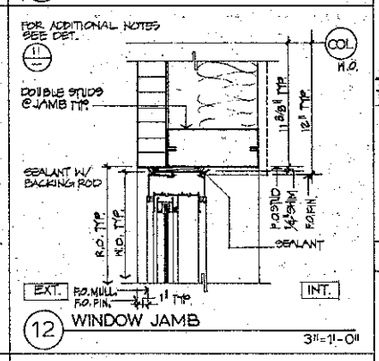
(27) SOFFIT AT DOORWAY SECTION 3"=1'-0"



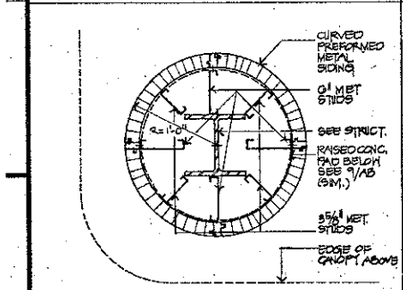
(22) SOFFIT TO METAL PANEL WALL SECTION 3"=1'-0"



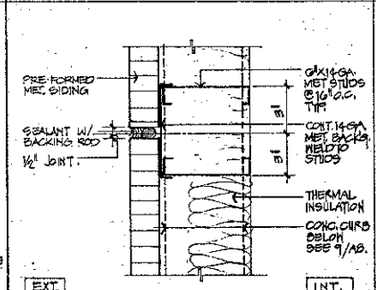
(17) WINDOW JAMB AT CORNER 3"=1'-0"



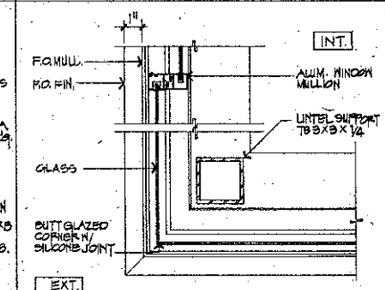
(12) WINDOW JAMB 3"=1'-0"



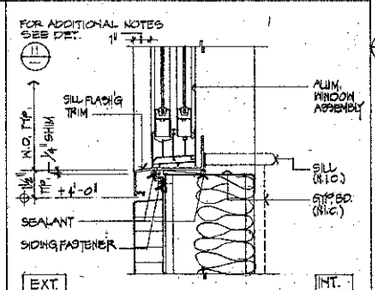
(28) COLUMN COVER PLAN 1 1/2"=1'-0"



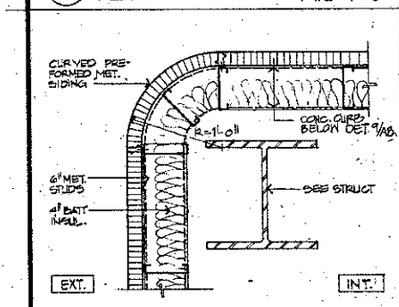
(23) TYP. VERT. PANEL JOINT PLAN 3"=1'-0"



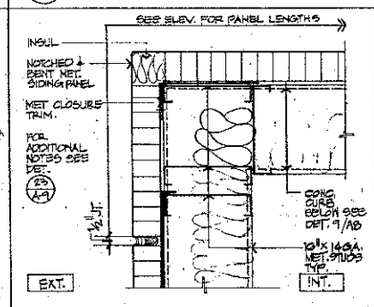
(18) WINDOW & JAMB AT BUTT GLAZED CORNER 3"=1'-0"



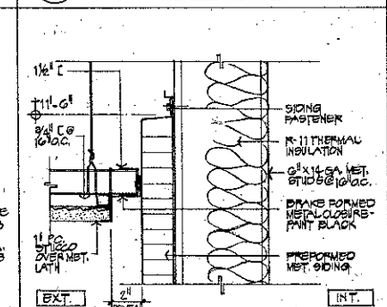
(13) WINDOW SILL 3"=1'-0"



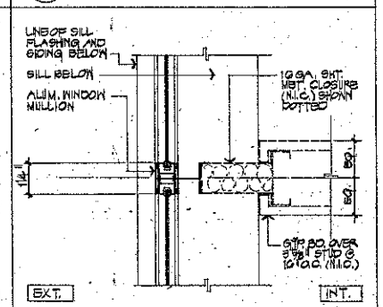
(29) RADIUS CORNER PLAN 1 1/2"=1'-0"



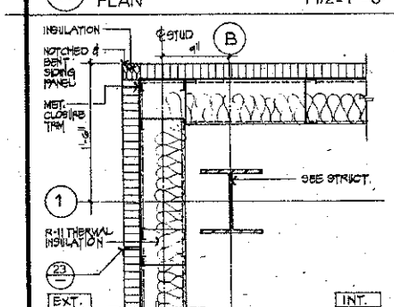
(24) SQUARE CORNER PLAN



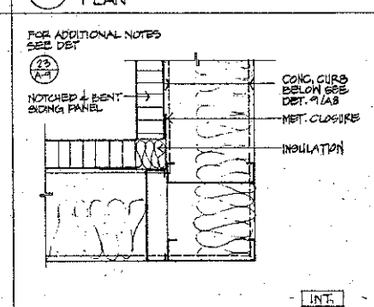
(19) SOFFIT TO METAL PANEL WALL @ EMERGENCY CANOPY



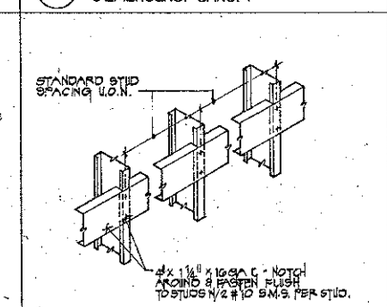
(14) WINDOW MULLION @ PARTITION



(30) OUTSIDE CORNER @ COL. B-1 PLAN 1 1/2"=1'-0"

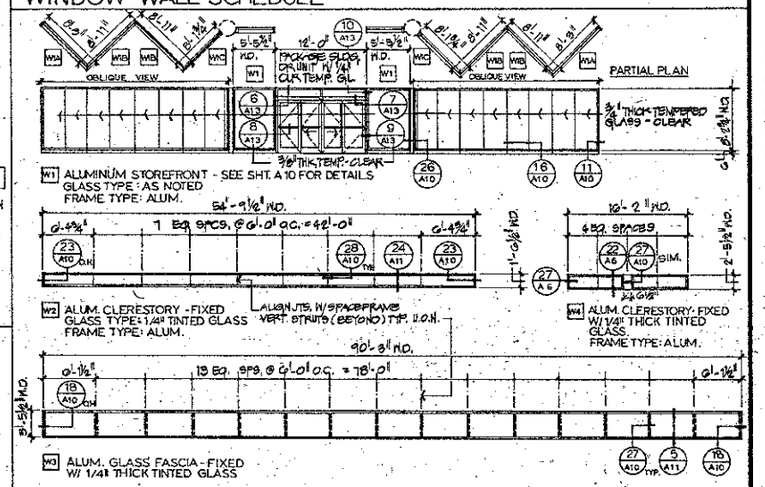


(25) INSIDE CORNER PLAN

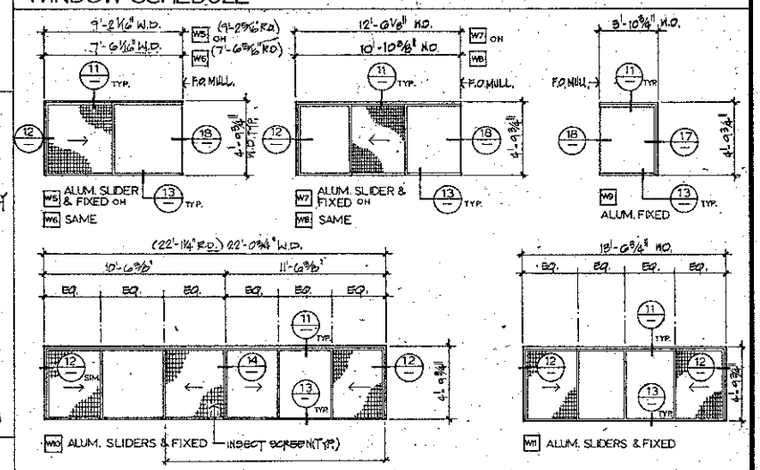


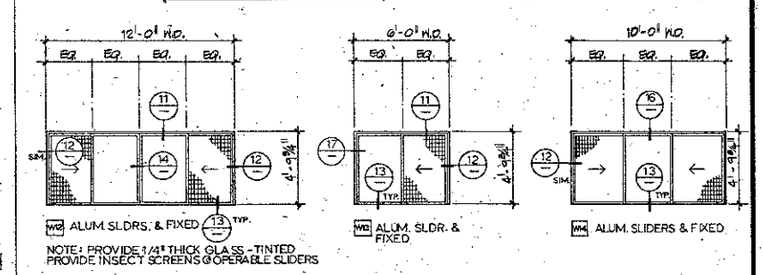
(20) BACKING PLATE N.T.S.

WINDOW WALL SCHEDULE



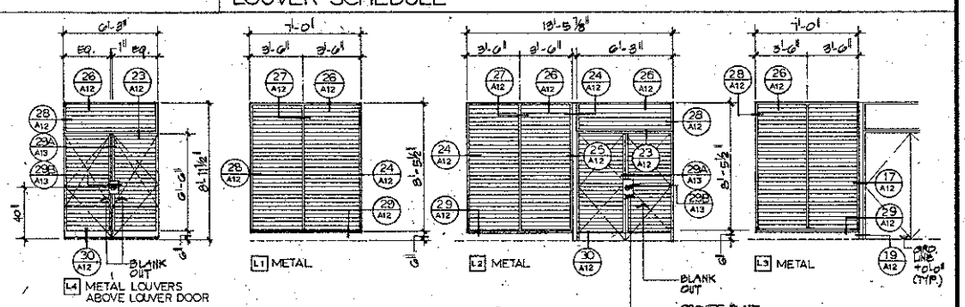
WINDOW SCHEDULE





NOTE: PROVIDE 1/4" THICK GLASS - TINTED
PROVIDE INSECT SCREENS @ OPERABLE SLIDERS

LOUVER SCHEDULE



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C. DATE 8/1/86
HO. DATE 7/29/86
S DATE 7/30/86
FO DATE 7/31/86

Date 7/28/86

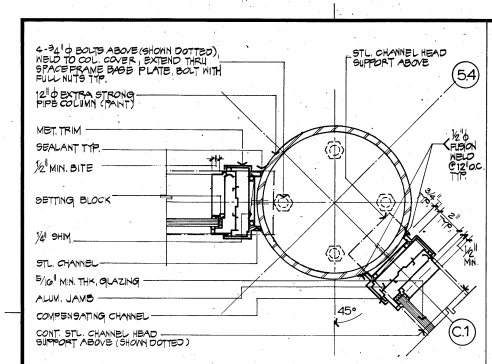
Sheet Title
WALL PANEL DETAILS, WINDOW SCHEDULE, LOUVER SCHEDULE & DETAILS

Project No. 8517

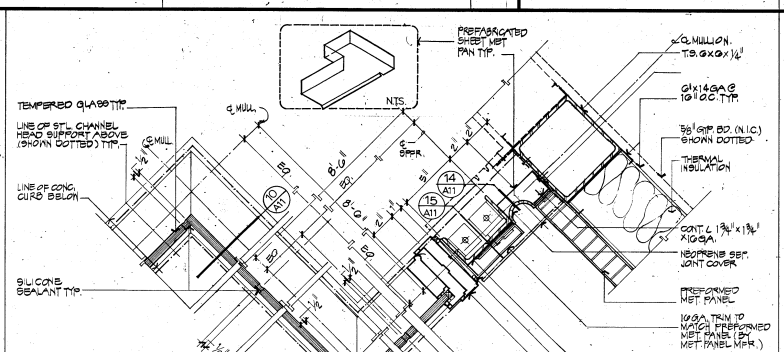
A-9

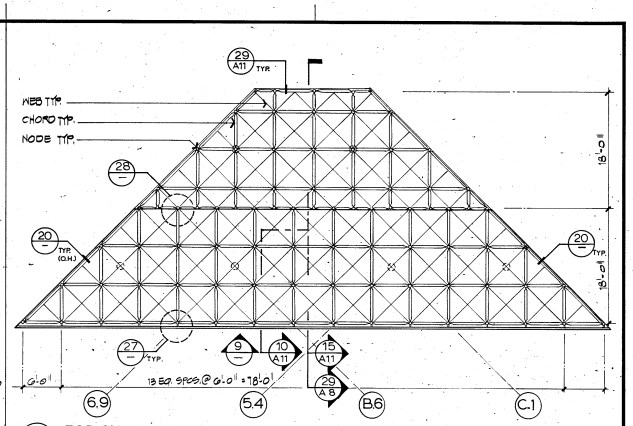
Sheet No. Revision

PLZ 86-663-009J 0

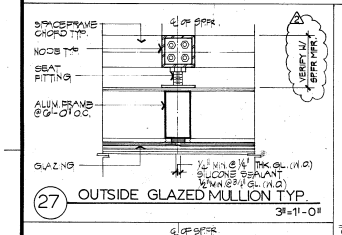


26 STOREFRONT @ COLUMN PLAN 3"=1'-0"

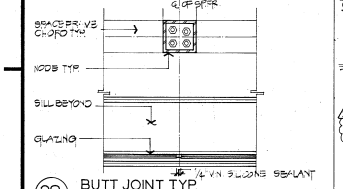




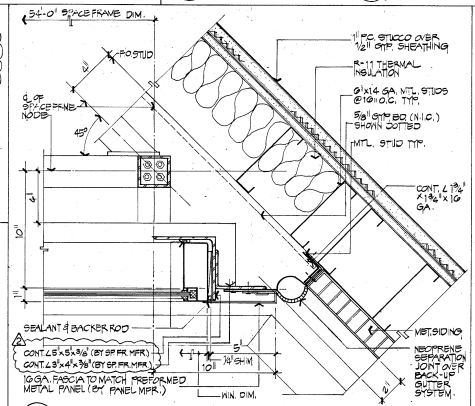
7 TOP CHORD REFLECTED PLAN 1/8"=1'-0"



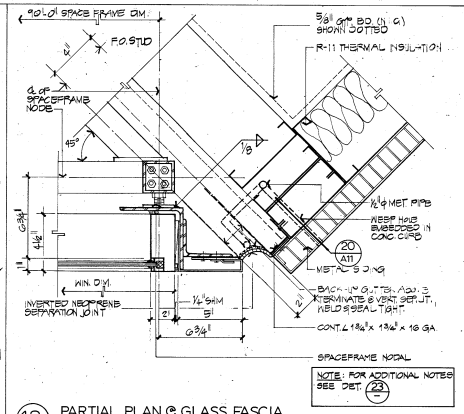
27 OUTSIDE GLAZED MULLION TYP. 3"=1'-0"



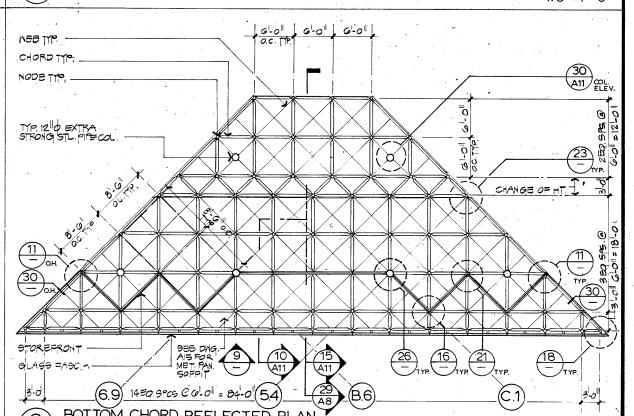
28 BUTT JOINT TYP. 3"=1'-0"



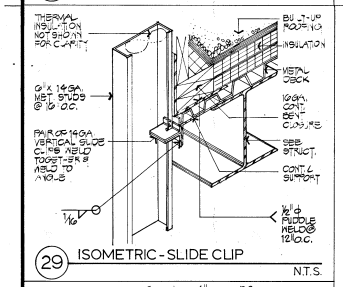
23 PARTIAL PLAN @ SPACEFRAME CLERESTORY 3"=1'-0"



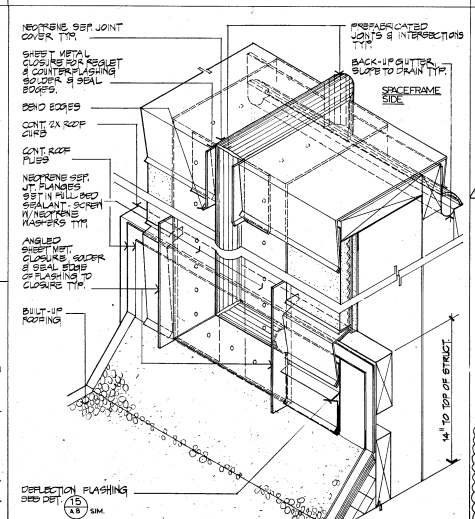
18 PARTIAL PLAN @ GLASS FASCIA 3"=1'-0"



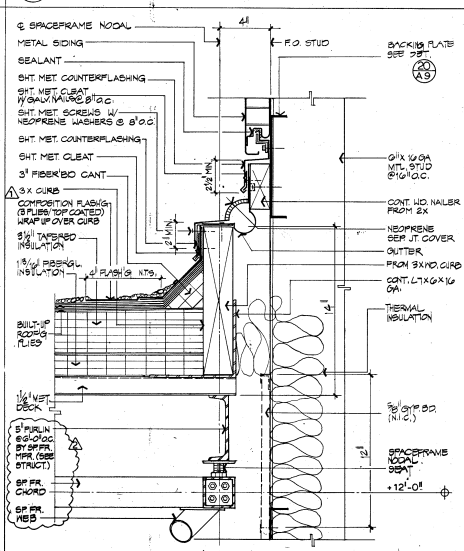
8 BOTTOM CHORD REFLECTED PLAN 1/8"=1'-0"



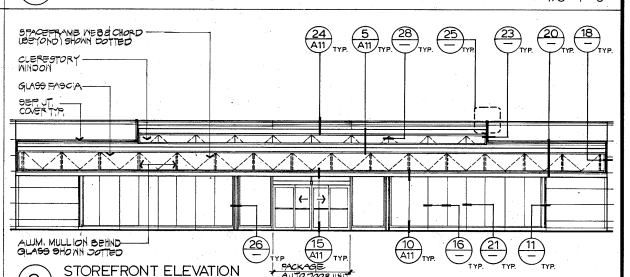
29 ISOMETRIC - SLIDE CLIP N.T.S.



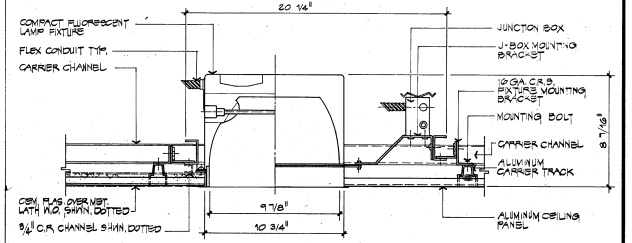
25 ISOMETRIC - ROOF SEPARATION JOINTS N.T.S.



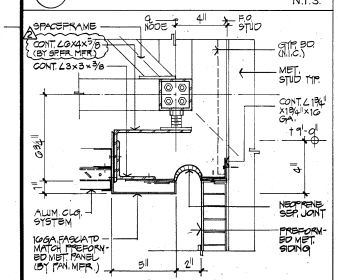
20 SECTION @ LOBBY ROOF 3"=1'-0"



9 STOREFRONT ELEVATION 1/8"=1'-0"



10 RECESSED DOWNLIGHT 3"=1'-0"



30 SECTION @ LOBBY SOFFIT 3"=1'-0"

DIETERICH POST REORDER NO. 83196

ED2 International

PLANNING
ARCHITECTURE
URBAN DESIGN
INTERIORS

1660 PACIFIC AVENUE
SAN FRANCISCO
CALIFORNIA 94109.2569
415·474·1400

Architect — Reg. No.

MEDICAL FACILITY

TITLE II
TASK NO. 7

LAWRENCE LIVERMORE NATIONAL LABORATORY

UNIVERSITY OF CALIFORNIA
Livermore, Ca

TAKAHASHI CONSULTING ENGINEERS, INC.
Mechanical / Electrical Engineers
50 GREEN ST.
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(415) 956-4250
Engineer — Reg. No.

SHAPIRO, OKINO, HOM & ASSOC.
Structural Engineers
1736 STOCKTON ST.
SAN FRANCISCO, CA 94133
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Engineer — Reg. No.

MELVIN LEE ASSOCIATES
Landscape Architects / Planners
1650 PACIFIC AVE.
SAN FRANCISCO, CA 94109
(415) 441-8988
Landscape Architect — Reg. No.

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CONSTRUCTION PACKAGE #2
RELEASE FOR CONSTRUCTION
C DATE 8/1/86
HC DATE 7/30/86
S DATE 7/30/86
FO DATE 7/31/86

Date 7/28/86

Sheet Title
SPACEFRAME AND STOREFRONT PLANS, ELEVATION, SECTIONS & DETAILS

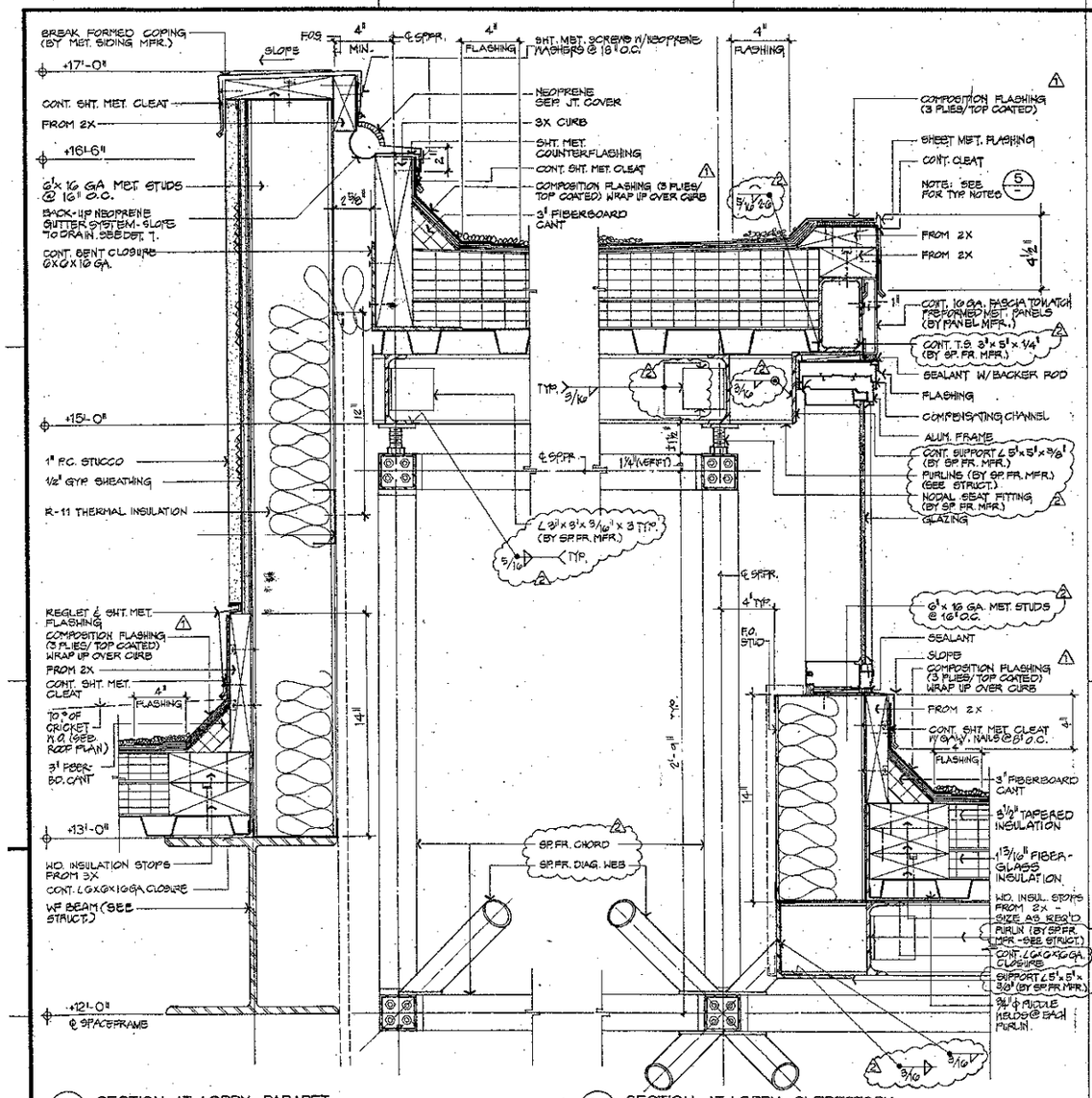
SCALE AS NOTED

Project No. 8517

A-10 — Sheet No.

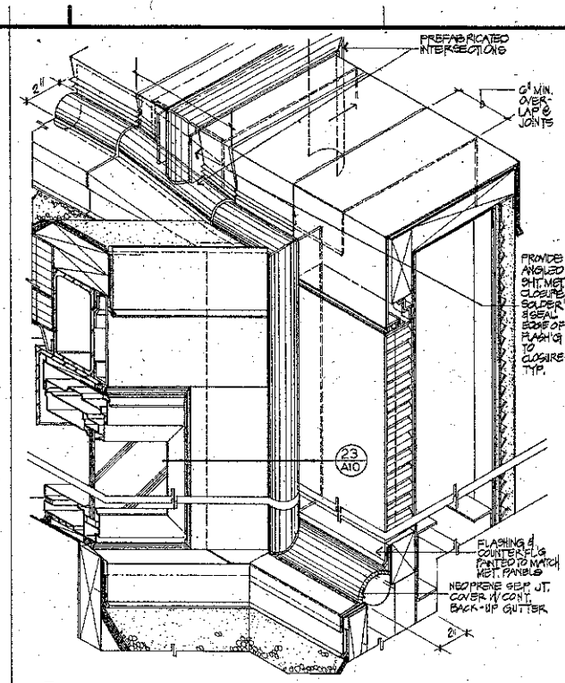
2 — Revision

PLZ 86-663-010J



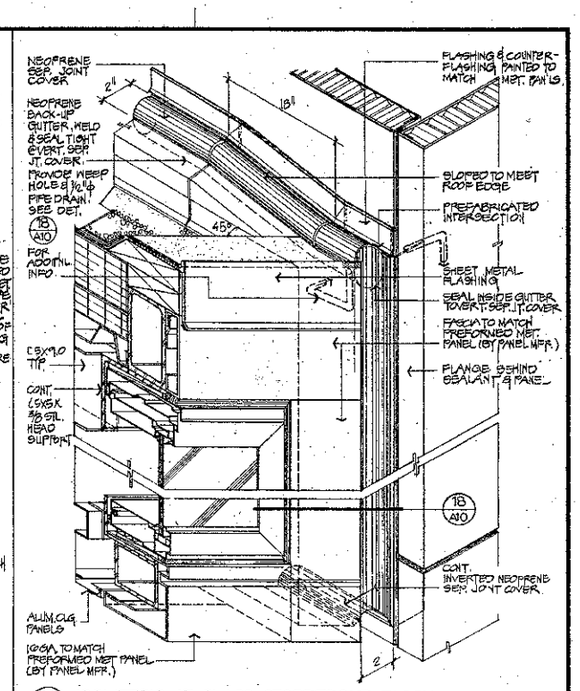
29 SECTION AT LOBBY PARAPET

24 SECTION AT LOBBY CLERESTORY



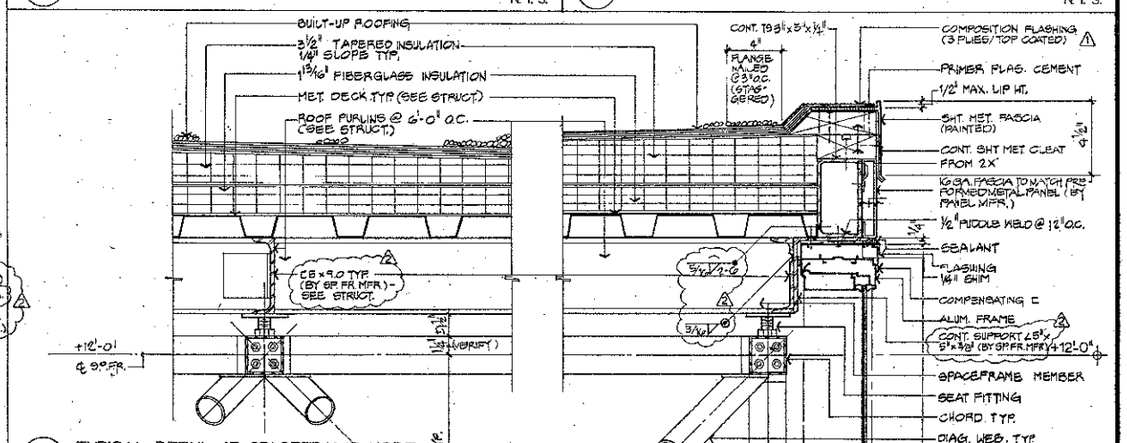
12 ISOMETRIC AT SPACEFRAME CLERESTORY

N.T.S.

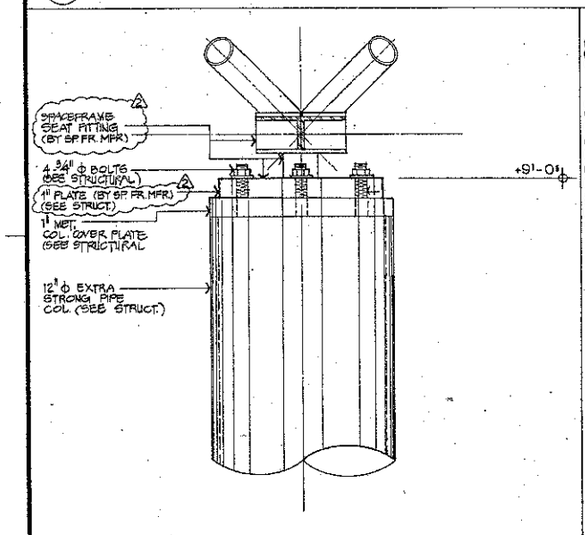


7 ISOMETRIC AT GLASS STOREFRONT FASCIA

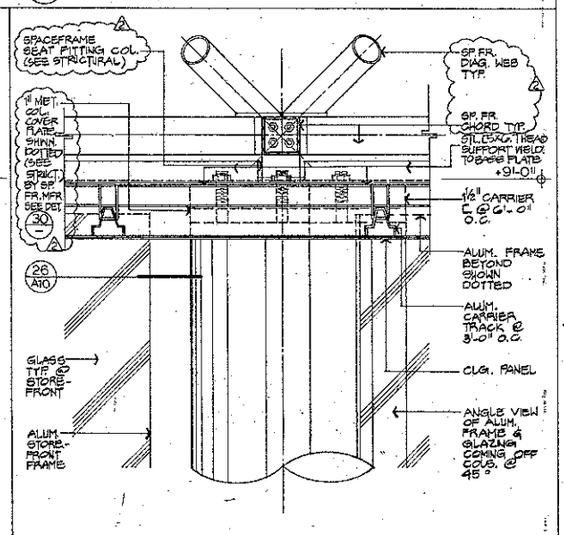
N.T.S.



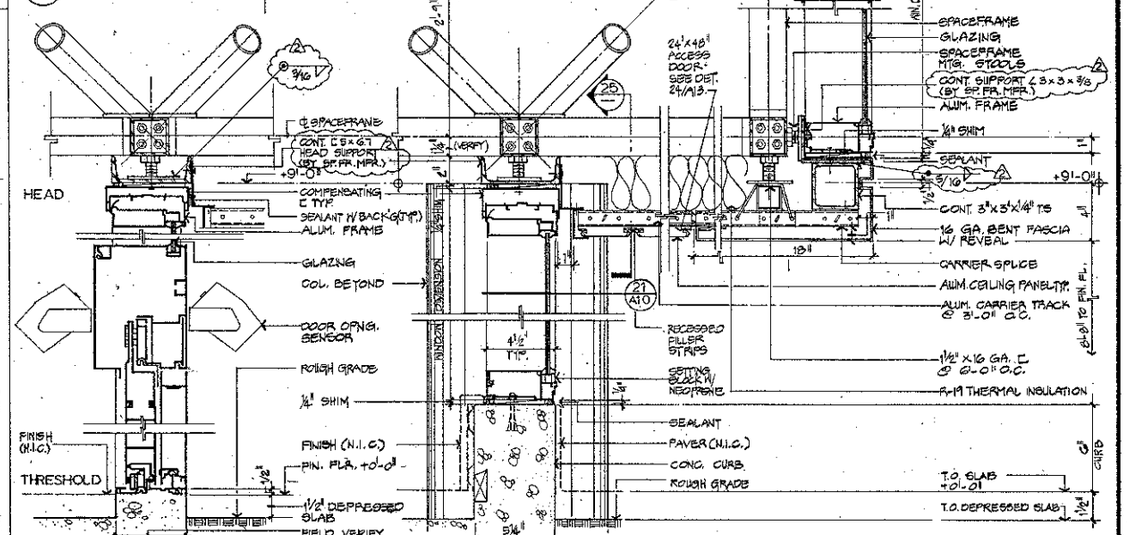
14 TYPICAL DETAIL AT SPACEFRAME NODE



30 SPACE FRAME SUPPORTS AT COLUMNS IN LOBBY



25 SPACE FRAME SUPPORTS AT COLUMNS & STOREFRONT



15 SECTION AT SLIDING DOOR

10 SECTION AT STOREFRONT

5 SECTION AT GLAZED SOFFIT

ED2 International

PLANNING
ARCHITECTURE
URBAN DESIGN
INTERIORS

1660 PACIFIC AVENUE
SAN FRANCISCO
CALIFORNIA 94109.2569
415·474·1400

Architect Reg. No.

MEDICAL FACILITY

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DATE 7/31/86

Date 7/28/86

Sheet Title
SPACEFRAME & STOREFRONT PLANS, SECTIONS & DETAILS

SCALE 3" = 1'-0" U.O.N.

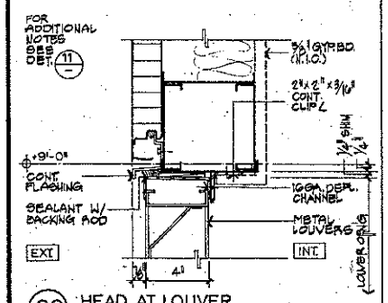
Project No. 8507

A-11 (Revision 2)

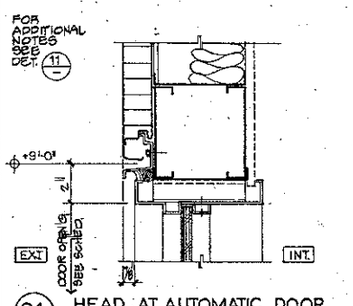
Sheet No. Revision

PLZ 86-663-011J 8

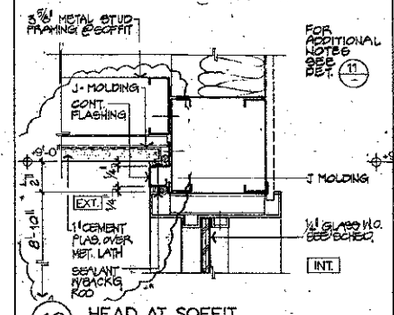
DIETERICH POST REORDER NO. 8296



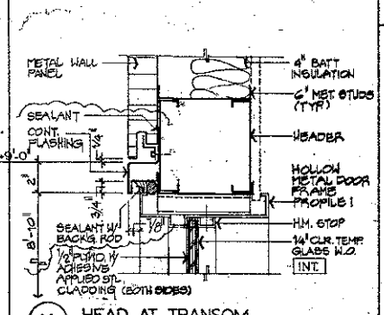
26 HEAD AT LOUVER



21 HEAD AT AUTOMATIC DOOR
AT DECONTAMINATION

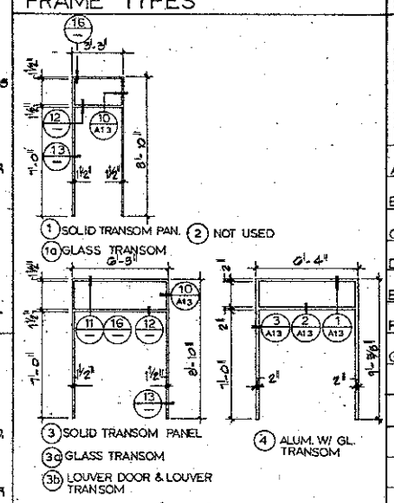


16 HEAD AT SOFFIT



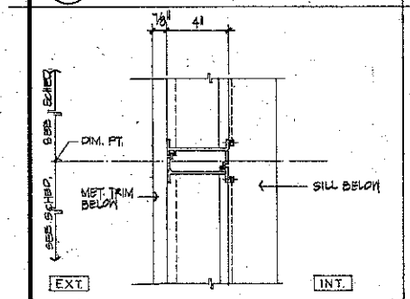
11 HEAD AT TRANSOM
TYPICAL

FRAME TYPES

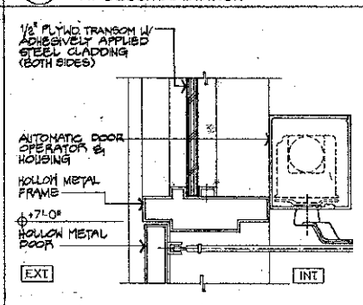


FRAME SCHEDULE

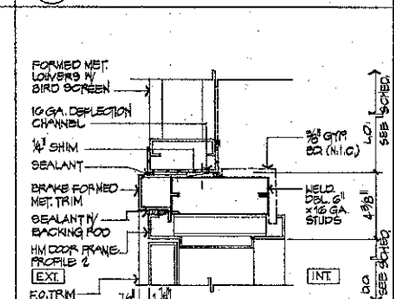
FRAME CODE	MATERIAL	FINISH	CONSTRUCTION	FRAME TYPE	DETAILS	REMARKS
A	ALUM	–	–	–	15/A11, 6/A13, 7/A13, 9/A13	
B	HM	P	W	3	12/–, 13/–, 16/–, 10/A13	
C	ALUM	–	–	4	1/A13, 2/A13, 3/A13	
D	HM	P	W	1	12/–, 13/–, 16/–, 10/A13	
E	HM	P	W	3a	12/–, 13/–, 16/–, 10/A13	
F	HM	P	W	1a	12/–, 13/–, 16/–, 10/A13	
G	M	P	W	3b	23/–, 25/–, 28/–, 30/–	



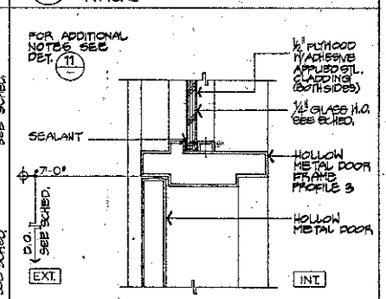
27 LOUVER VERT. MULLION



22 TRANSOM AT AUTO. DOOR NO. 3
AT DECONTAMINATION

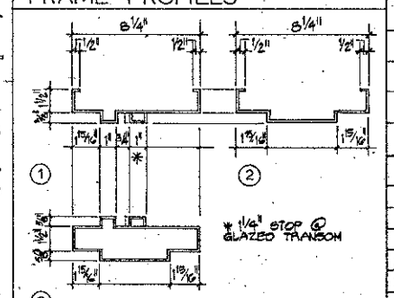


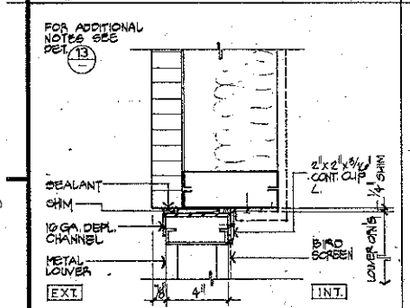
17 JAMB - DOOR TO LOUVER



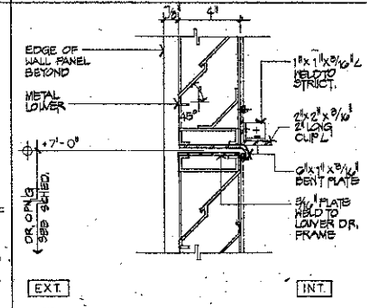
12 TRANSOM
TYPICAL

FRAME PROFILES

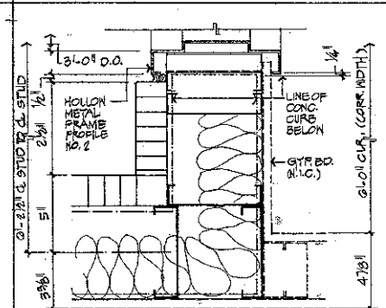




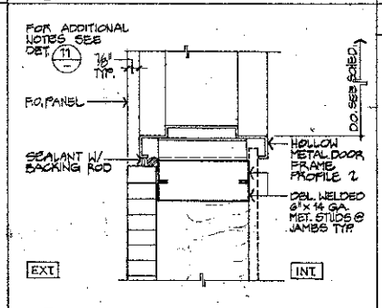
28 JAMB AT LOUVER



23 HEAD @ LOUVER



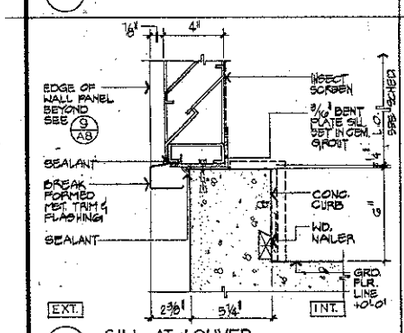
18 JAMB - DOOR
(ADJACENT TO INTERIOR PARTITION N.I.C.)



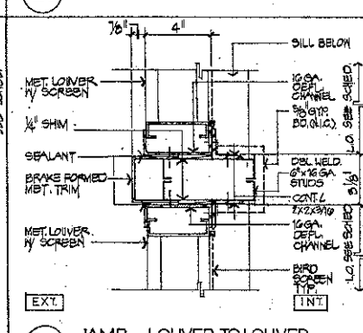
13 JAMB, TYP.

DOOR MARK SCHEDULE

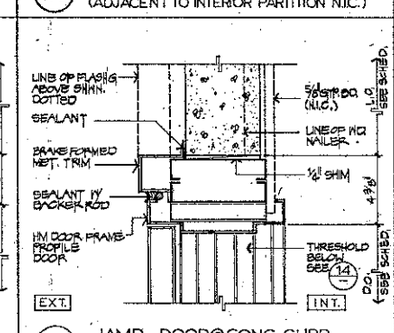
FACING HM	FACING OTHER	TYPE	GLASS	FIRE RATING	REMARKS
	1	AS	1/4" TEMP. CLEAR	—	AUTOMATIC DOOR UNIT NO. 1
2		FLHL	1/4" TEMP. CLEAR	—	
3,4		FL		—	
5		FL		—	AUTOMATIC DOOR UNIT NO. 3
	6	ALGD	1/4" TEMP. CLEAR	—	AUTOMATIC DOOR UNIT NO. 2
7		FL		—	
8,9		—		—	OPERABLE LOUVER PANEL SEE SHT. A9
10,11		FL		—	
12		FLHL		—	
13		FL		—	
14,15		FL		—	



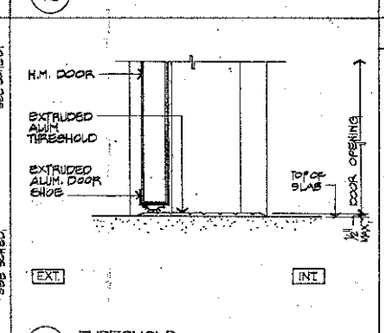
29 SILL AT LOUVER



24 JAMB - LOUVER TO LOUVER

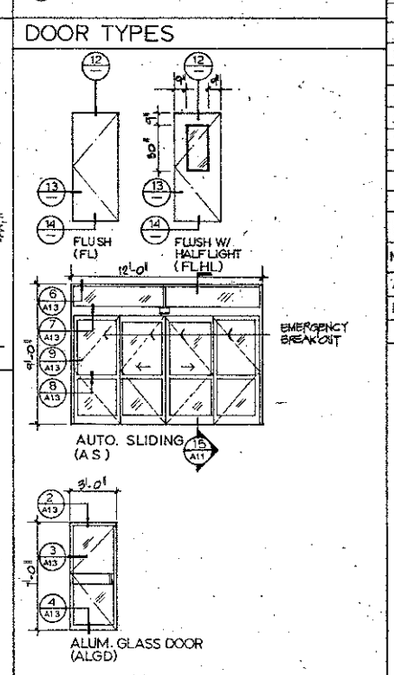


19 JAMB - DOOR @ CONC. CURB
LOUVER DOOR SIM.



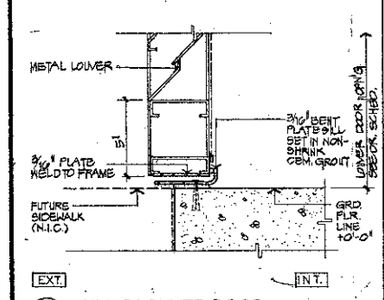
14 THRESHOLD

DOOR TYPES

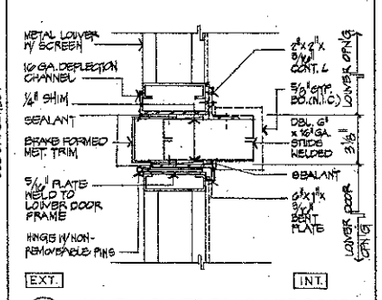


DOOR OPENING SCHEDULE

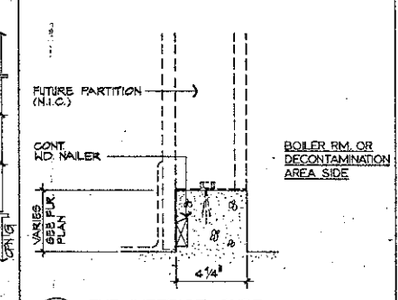
MRK	WxH	MRK	WxH	MRK	WxH
A	3'-0"x7'-0"				
B	6'-0"x7'-0"				



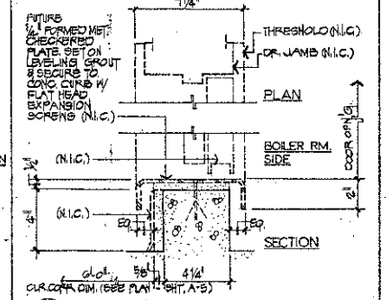
30 SILL @ LOUVER DOOR



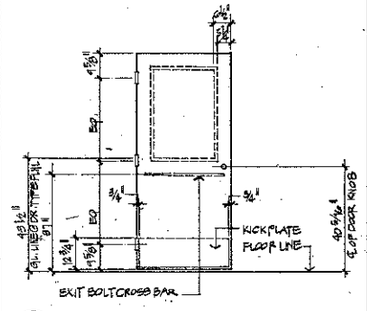
25 JAMB - LOUVER TO LOUVER DOOR



20 TYP. INTERIOR CURB
SECTION



15 DOORWAY & TYP. CURB @ BOILER RM.



5 TYPICAL FINISH HARDWARE LOCATIONS
N.T.S.

ED2 International
PLANNING
ARCHITECTURE
URBAN DESIGN
INTERIORS
1660 PACIFIC AVENUE
SAN FRANCISCO
CALIFORNIA 94109.2569
415 474 1400

Architect C10676 Reg. No.

MEDICAL FACILITY

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TASK NO. 7

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CONSTRUCTION PACKAGE #2
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C DATE 8/1/86
HC DATE 7/25/86
S DATE 7/29/86
FO DATE 7/31/86

Date 7/28/86

Sheet Title
DOOR SCHEDULE, DETAILS

SCALE: 3" = 1'-0" U.O.N.

Project No. 8517

A-12 — Sheet No.
1 — Revision

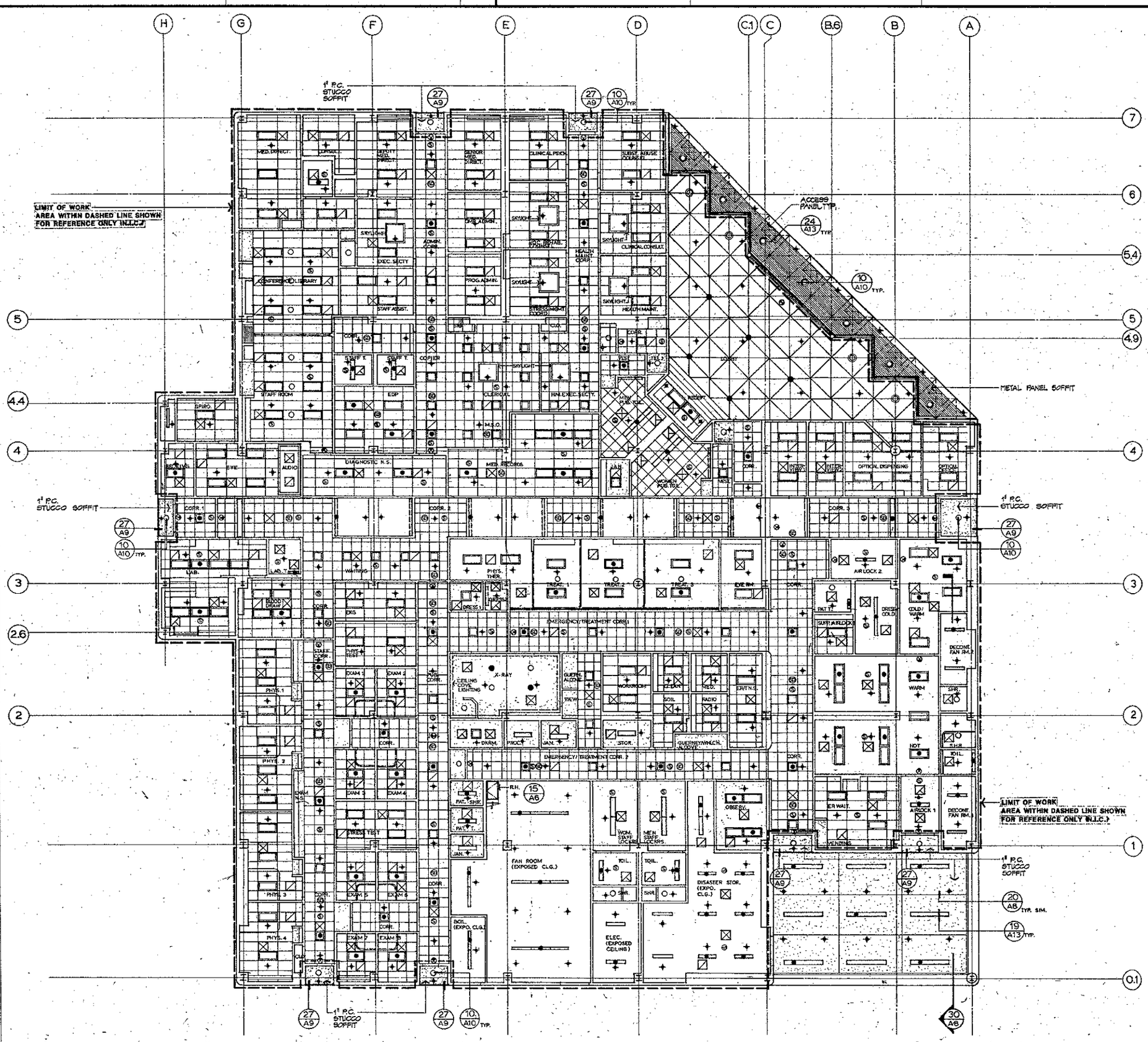
PLZ 86-663-012J A

DIETERICH POST REORDER NO. 86363

REFLECTED CEILING LEGEND

SYMBOL	DESCRIPTION
	ACOUSTIC TILE ON SUSPENSION SYSTEM
	FLUORESCENT FIXTURE - 2'x4'
	FLUORESCENT FIXTURE - 2'x2'
	FLUORESCENT FIXTURE ON EMERGENCY POWER
	FLUORESCENT FIXTURE - 1'x4'
	FLUORESCENT FIXTURE-WALL MOUNTED
	INDUSTRIAL FLUORESCENT STRIP
	RECESSED INCANDESCENT DOWNLIGHT
	INCANDESCENT DOWNLIGHT ON EMRG. POWER
	SUPPLY AIR REGISTER
	RETURN AIR REGISTER
	EXHAUST AIR REGISTER
	ILLUMINATED EXIT SIGN - ↑ DIRECTION OF FLOW
	LIFE / SAFETY SPEAKER
	FIRE SPRINKLER HEAD
	CUBICLE CURTAIN TRACK
	GYPSUM BOARD CEILING (U.O.N.)
	SMOKE DETECTOR
	LINEAR DIFFUSER
	METAL PANELS

NOTE: ALL OF THE ABOVE MAY NOT BE USED IN THIS CONTRACT.



N

REFLECTED CEILING PLAN

1/8" = 1'-0"

ED2 International

PLANNING
ARCHITECTURE
URBAN DESIGN
INTERIORS

1680 PACIFIC AVENUE
SAN FRANCISCO
CALIFORNIA 94109.2569
415·474·1400

Architect — Reg. No. C-10636

MEDICAL FACILITY

TITLE II
TASK NO. 7

LAWRENCE LIVERMORE NATIONAL LABORATORY

UNIVERSITY OF CALIFORNIA
Livermore, Ca

TAKAHASHI CONSULTING ENGINEERS, INC.
Mechanical / Electrical Engineers
50 GREEN ST.
SAN FRANCISCO, CA 94111
(415) 858-4250
Engineer — Reg. No.

SHAPIRO, OKINO, HOM & ASSOC.
Structural Engineers
1736 STOCKTON ST.
SAN FRANCISCO, CA 94133
(415)781-8108
Engineer — Reg. No.

MELVIN LEE ASSOCIATES
Landscape Architects / Planners
1850 PACIFIC AVE.
SAN FRANCISCO CA.94109
(415)441-8988
Landscape Architect — Reg. No.

Issuances and Revisions

No.	Date	Description
	5/9/86	75% SUBMITTAL
	6/13/86	90% SUBMITTAL
	7/3/86	100% SUBMITTAL
	7/28/86	BID & CONSTRUCTION
	1-19-90	AS-BUILTS

CONSTRUCTION PACKAGE #2
RELEASE FOR CONSTRUCTION
C DATE 8/1/86
HC DATE 7/31/86
S DATE 7/30/86
FO DATE 7/31/86

Date 7/28/86

Sheet Title
REFLECTED CEILING PLAN

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

Project No. 8517

A-14
Sheet No. — Revision

PLZ 86-663-014J

DIETERICH POST REORDER NO. 29077