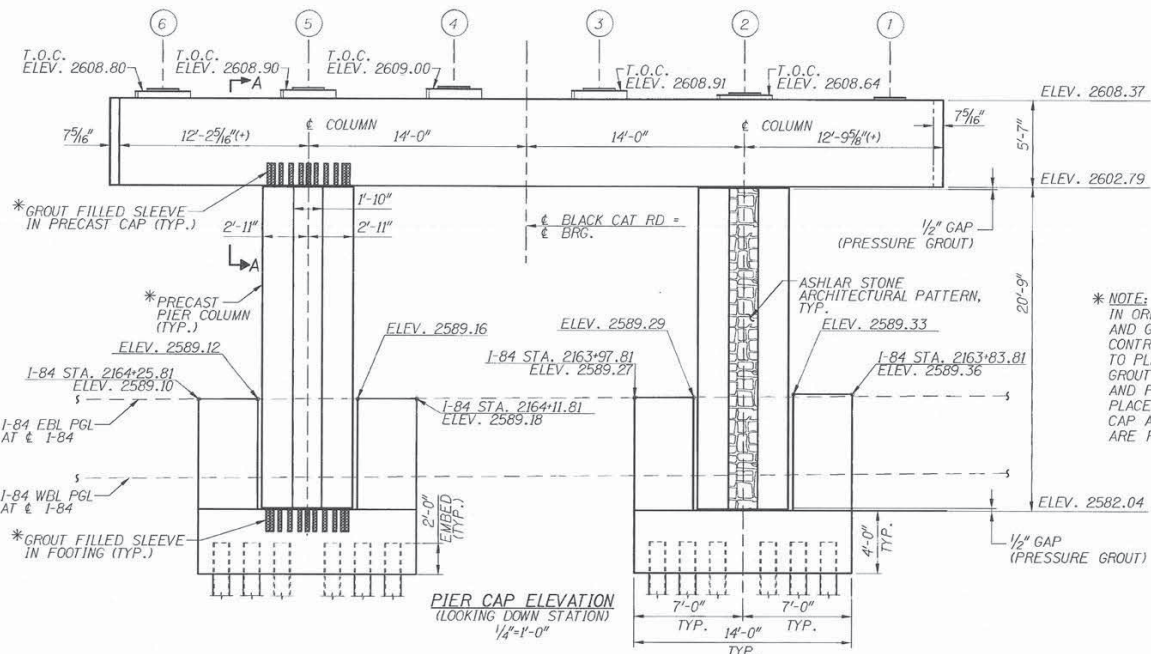


PIER CAP PLAN
1/2"=1'-0"

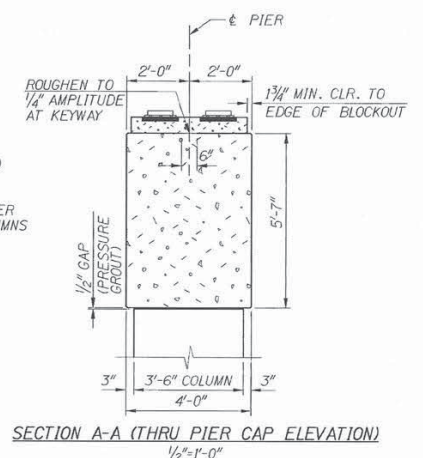
BEARING SEAT ELEVATION AT TOP OF STEEL PLATE					
ELEV. A	ELEV. B	ELEV. C	ELEV. D	ELEV. E	ELEV. F
2608.575'	2608.845'	2609.115'	2609.200'	2609.095'	2608.995'

BEARING SEAT ELEVATION AT TOP OF STEEL PLATE					
ELEV. G	ELEV. H	ELEV. J	ELEV. K	ELEV. L	ELEV. M
2608.435'	2608.705'	2608.915'	2609.060'	2608.960'	2608.860'



PIER CAP ELEVATION
(LOOKING DOWN STATION)
1/4"=1'-0"

* NOTE:
IN ORDER TO INSURE C1-#9 BARS AND GROUT FILLED SLEEVES ALIGN, CONTRACTOR SHALL USE A TEMPLATE TO PLACE C1-#9 BARS IN COLUMN AND GROUT FILLED SLEEVES IN FOOTING AND PIER CAP. CONTRACTOR SHALL PLACE GROUT FILLED SLEEVES IN PIER CAP AND FOOTING SO THAT THE COLUMNS ARE PLUMB AFTER ERECTION.



SECTION A-A (THRU PIER CAP ELEVATION)
1/2"=1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED B. SCHILLER	
DESIGN CHECKED M. JOHNSON	
DETAILED L. HYLTON	
DWG. CHECKED B. SCHILLER	
CORRECTIONS	

SCALES SHOWN ARE FOR 3/4" X 22" PRINTS ONLY CADD FILE NO.	
DATE: JUNE 2008	
DATE: JUNE 30, 2008	

IDAHO
TRANSPORTATION
DEPARTMENT

FORSGREN Associates Inc.

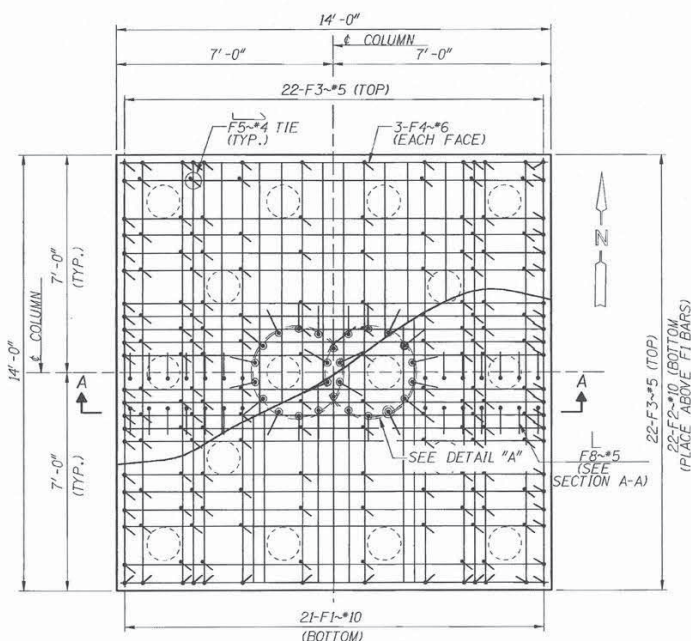
English

PROJECT NO.
A011 (007)

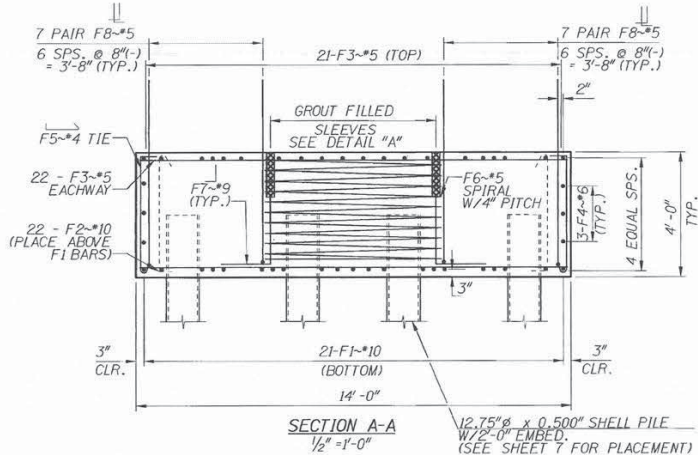
PIER PLAN AND ELEVATION

196' PRESTRESSED CONCRETE UNDERPASS
BLACK CAT ROAD OVER I-84
I-84 STA. 2164+04.81 BLACK CAT RD STA. 20+00.00

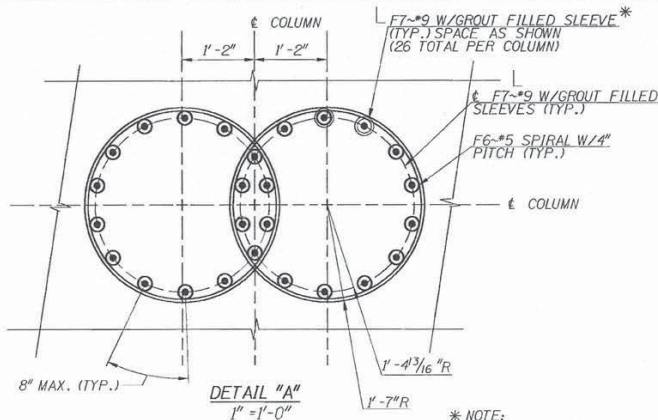
BRIDGE PLANS	
BRIDGE SECTION MASTER KEY NO.	
COUNTY ADA	KEY NO. 11007
BRIDGE DRAWING NO. 16059	SHEET 16 OF 35



FOOTING PLAN
1/2" = 1'-0" NOTE: ADJUST REBAR TO CLEAR GROUT FILLED SLEEVES.

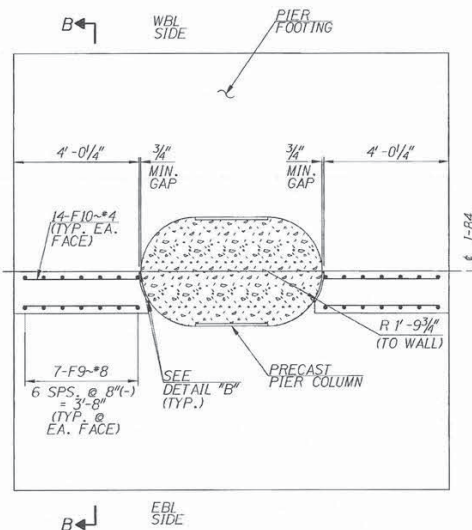


SECTION A-A
1/2" = 1'-0" 12.75" Ø x 0.500" SHELL PIPE - 1/2" EMBED. (SEE SHEET 7 FOR PLACEMENT)

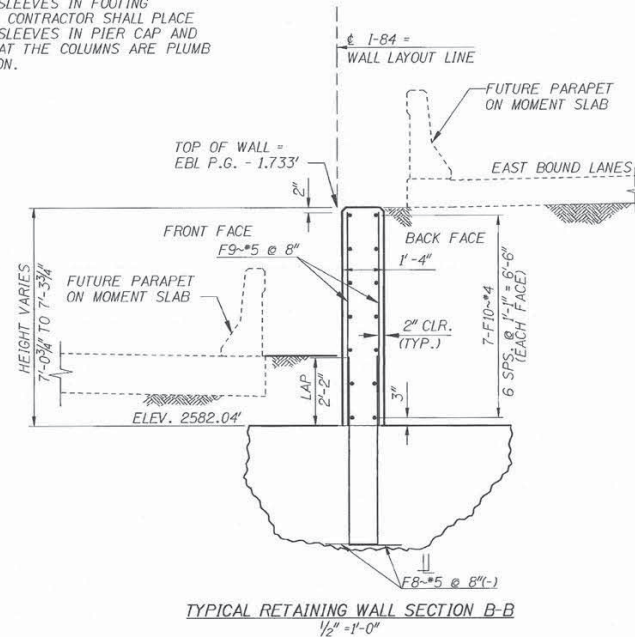


DETAIL "A"
1" = 1'-0"

*** NOTE:**
IN ORDER TO INSURE C1-#9 BARS AND GROUT FILLED SLEEVES ALIGN, CONTRACTOR SHALL USE A TEMPLATE TO PLACE C1-#9 BARS IN COLUMN AND GROUT FILLED SLEEVES IN FOOTING AND PIER CAP. CONTRACTOR SHALL PLACE GROUT FILLED SLEEVES IN PIER CAP AND FOOTING SO THAT THE COLUMNS ARE PLUMB AFTER ERECTION.



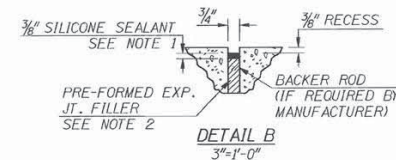
WALL PLAN
1/2" = 1'-0"



TYPICAL RETAINING WALL SECTION B-B
1/2" = 1'-0"

NOTES

- SILICONE JOINT SEALANT SHALL BE DOW CORNING 888, TREMCO SPECTRUM 800, OR CRAFTCO ROADSAVER SILICONE, OR APPROVED EQUAL. SILICONE JOINT SEALANT SHALL BE A NON-SAG TYPE. THE JOINT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- PRE-FORMED EXPANSION JOINT FILLER SHALL BE AN EXPANDED CLOSED-CELL POLYETHYLENE FOAM IN ACCORDANCE WITH AASHTO M 153 (ASTM D 1752). JOINT FILLER SHALL FILL ENTIRE AREA BETWEEN WALL AND PIER COLUMN.

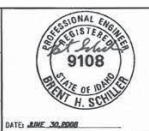


DETAIL B
3/4" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED
B. SCHILLER
DESIGN CHECKED
M. JOHNSON
DETAILED
L. HYLTON
DWG. CHECKED
B. SCHILLER
CORRECTIONS

SCALES SHOWN ARE FOR 34" x 22" PRINTS ONLY
CADD FILE NO.
11007_BRIDGE_01.dwg
DRAWING DATE:
JUNE 2008

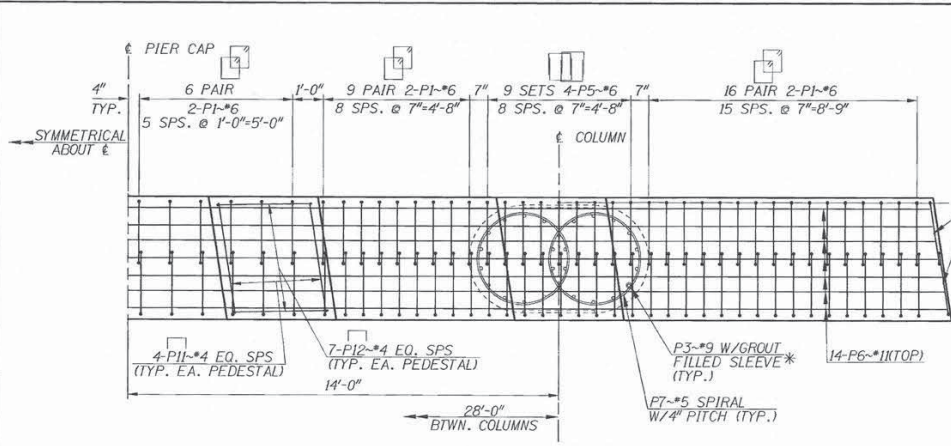


IDAHO TRANSPORTATION DEPARTMENT
FORSGREN Associates, Inc.

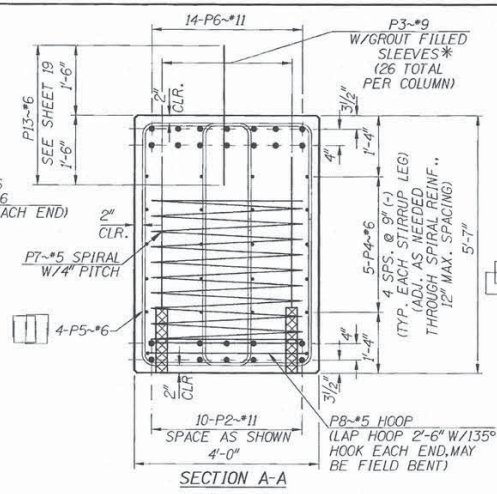
English
PROJECT NO.
A011 (007)

PIER FOOTINGS AND WALL DETAILS
196' PRESTRESSED CONCRETE UNDERPASS
BLACK CAT ROAD OVER I-84
I-84 STA. 2164+04.81 BLACK CAT RD STA. 20+00.00

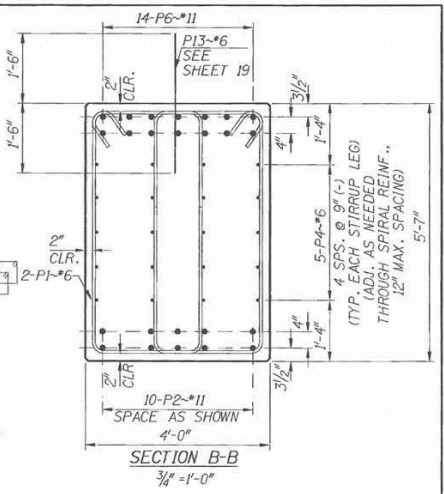
BRIDGE PLANS	
BRIDGE SECTION MASTER KEY NO.	
COUNTY ADA	KEY NO. 11007
BRIDGE DRAWING NO. 16059	SHEET 17 OF 35



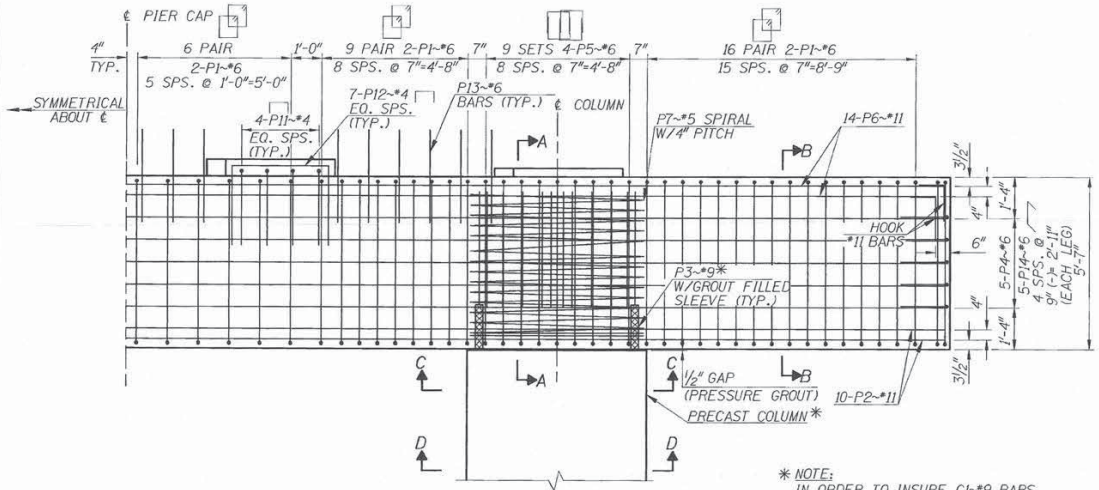
PARTIAL PRECAST PIER CAP REINFORCEMENT PLAN
1/2"=1'-0"



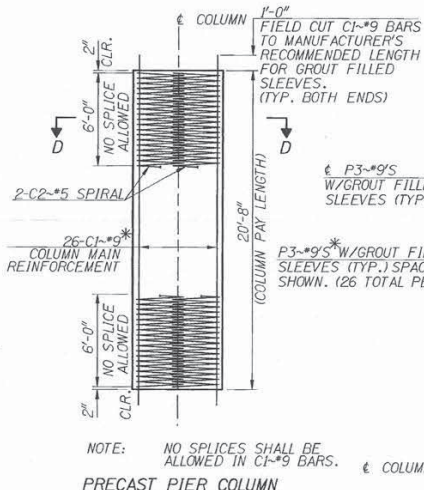
SECTION A-A
3/4"=1'-0"



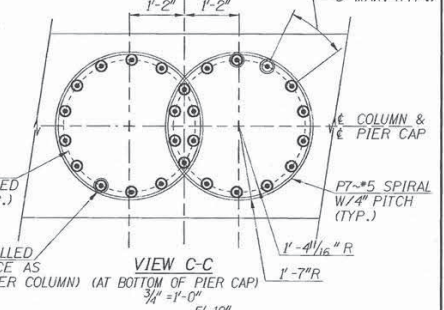
SECTION B-B
3/4"=1'-0"



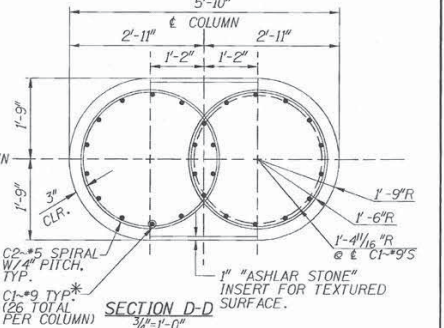
PARTIAL PRECAST PIER CAP REINFORCEMENT ELEVATION
1/2"=1'-0"



PRECAST PIER COLUMN
1/4"=1'-0"



VIEW C-C
3/4"=1'-0"



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

APPROXIMATE PRECAST PIER CAP QUANTITIES	
CONCRETE:	45.1 CY.
REINFORCEMENT:	13732 LB.

* NOTE:
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APPROXIMATE PRECAST PIER COLUMN QUANTITIES	
CONCRETE:	13.6 CY./COLUMN
REINFORCEMENT:	3240 LB./COLUMN

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED
B. SCHILLER

DESIGN CHECKED
M. JOHNSON

DETAILED
L. HYLTON

DWG. CHECKED
B. SCHILLER

CORRECTIONS
B. SCHILLER

SCALES SHOWN ARE FOR 3/4" X 22" PRINTS ONLY

CADD FILE NO.

11007_P13C_D13.dgn

DRAWING DATES
JUNE 2008

DATE: **JUNE 2008**



IDAHO
TRANSPORTATION
DEPARTMENT

FORSGREN Associates Inc.

English

PROJECT NO.
A011 (007)

PIER DETAILS

196' PRESTRESSED CONCRETE UNDERPASS
BLACK CAT ROAD OVER I-84
I-84 STA. 2164+04.81 BLACK CAT RD STA. 20+00.00

BRIDGE PLANS

BRIDGE SECTION MASTER KEY NO.

COUNTY **ADA** KEY NO. **11007**

BRIDGE DRAWING NO. **16059** SHEET **18** OF **35**