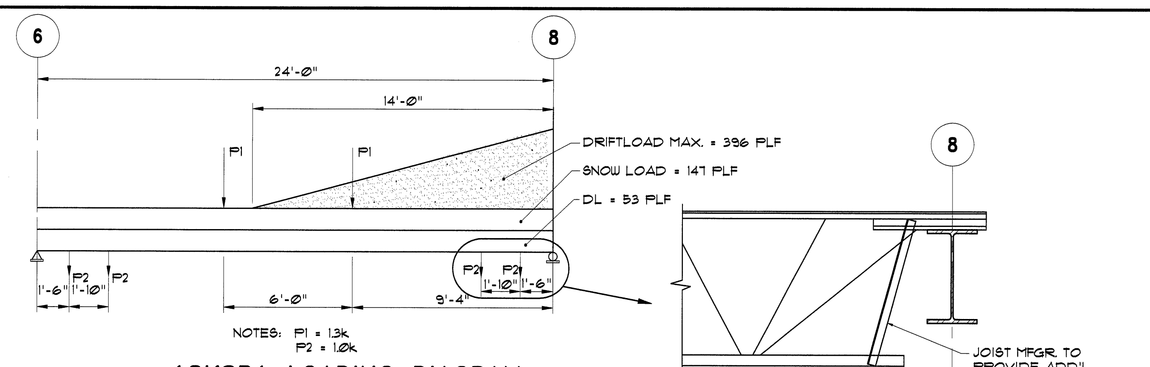
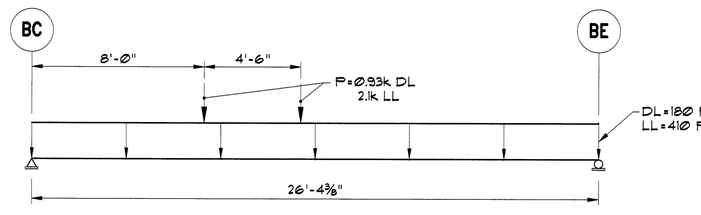
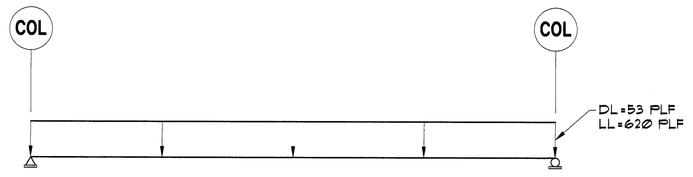


18KSP1 LOADING DIAGRAM
N.T.S.

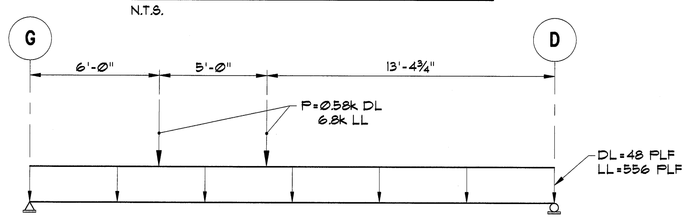
NOTES:
1. EXTEND BOTTOM CHORD TO SUPPORT OPERABLE PARTITION HANGERS.
2. JOIST WEBS & BEAM ARE SCHEMATIC AND NOT INTENDED TO INDICATE ACTUAL MEMBER SIZES.
3. REFER TO DETAIL 21/S16
4. VERIFY DIMENSIONS W/OPERABLE PARTITION MANUFACTURER



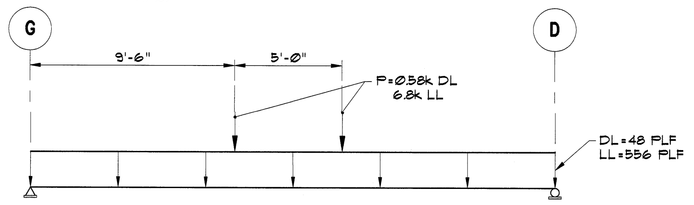
20LHSP1 LOADING DIAGRAM
N.T.S.



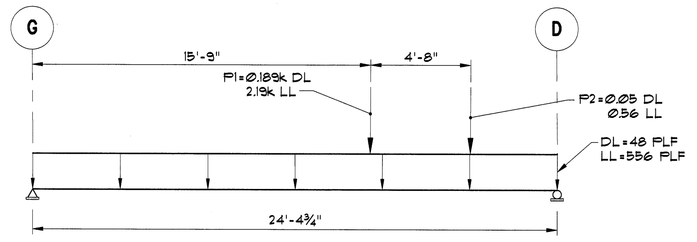
20LHSP2 LOADING DIAGRAM
N.T.S.



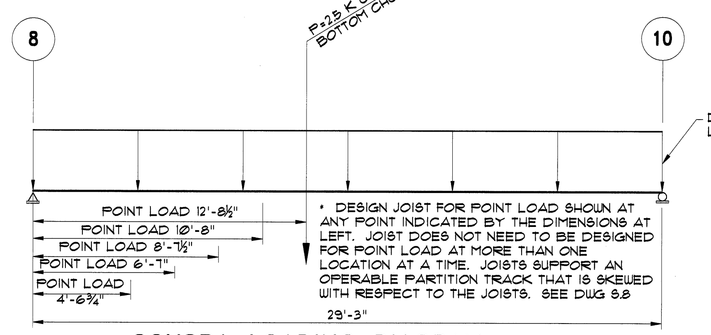
20LHSP3 LOADING DIAGRAM
N.T.S.



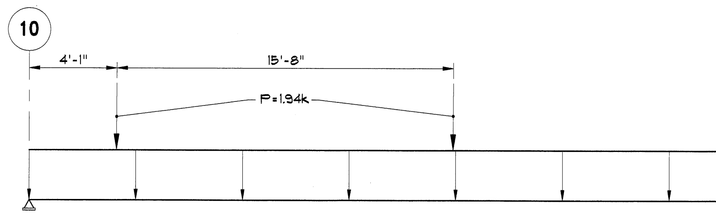
20LHSP4 LOADING DIAGRAM
N.T.S.



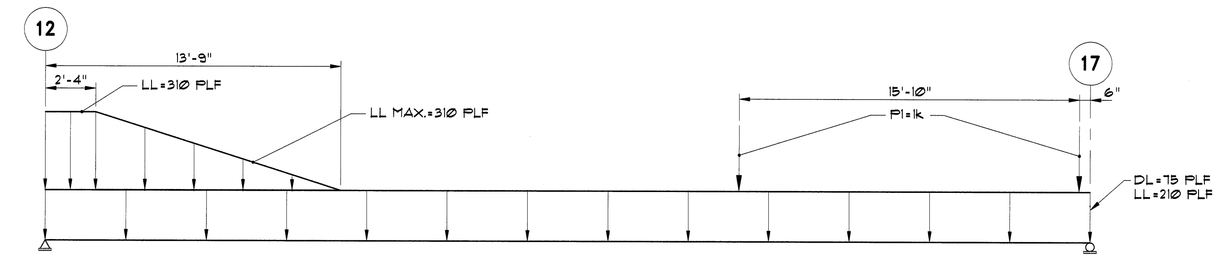
20LHSP5 LOADING DIAGRAM
N.T.S.



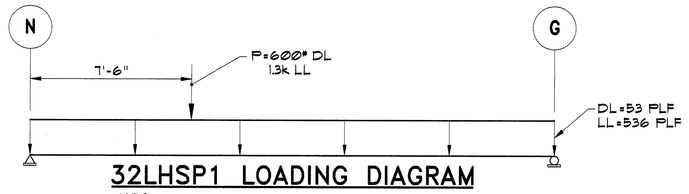
22KSP1 LOADING DIAGRAM
N.T.S.



28LHSP1 LOADING DIAGRAM
N.T.S.

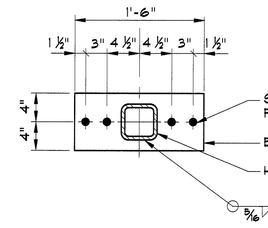


28LHSP2 LOADING DIAGRAM
N.T.S.

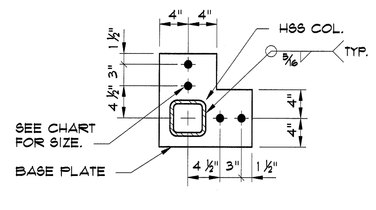


32LHSP1 LOADING DIAGRAM
N.T.S.

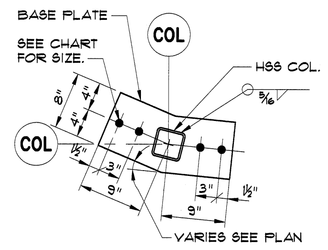
44LHSP1 & 2 LOADING DIAGRAMS SEE DWG S12



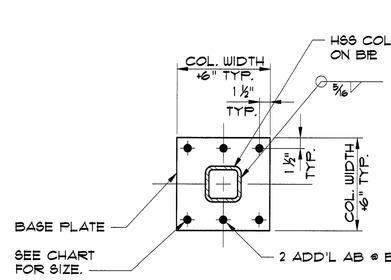
BASE PLATE BP-1



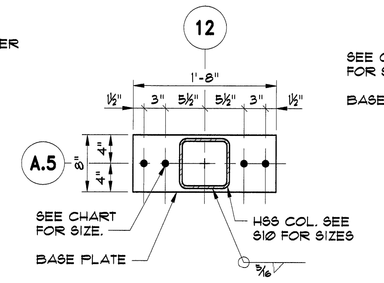
BASE PLATE BP-2



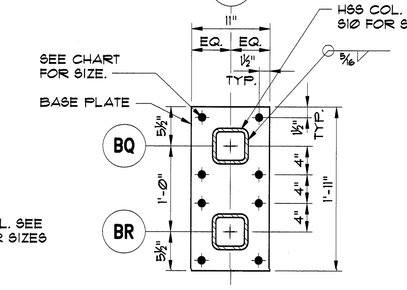
BASE PLATE BP-2A



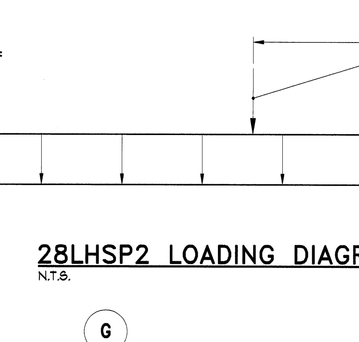
BASE PLATE BP-3 & 36



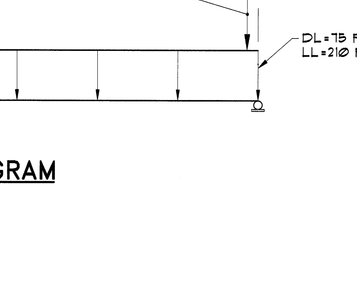
BASE PLATE BP-4



BASE PLATE BP-5



BASE PLATE BP-6

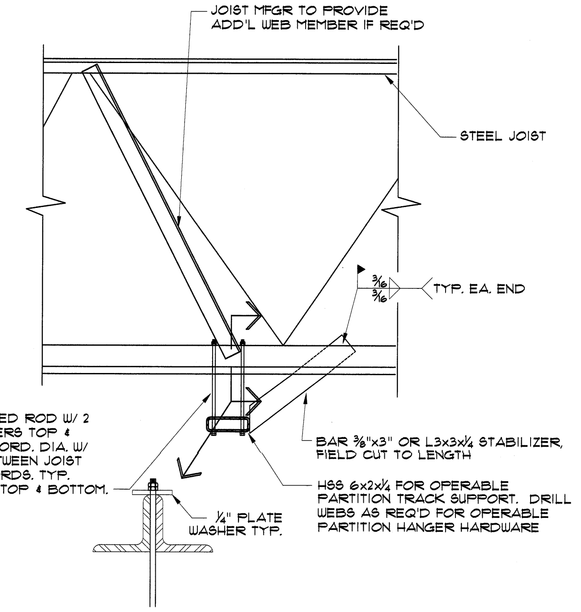


BASE PLATE BP-7

BASE PLATE BP-9

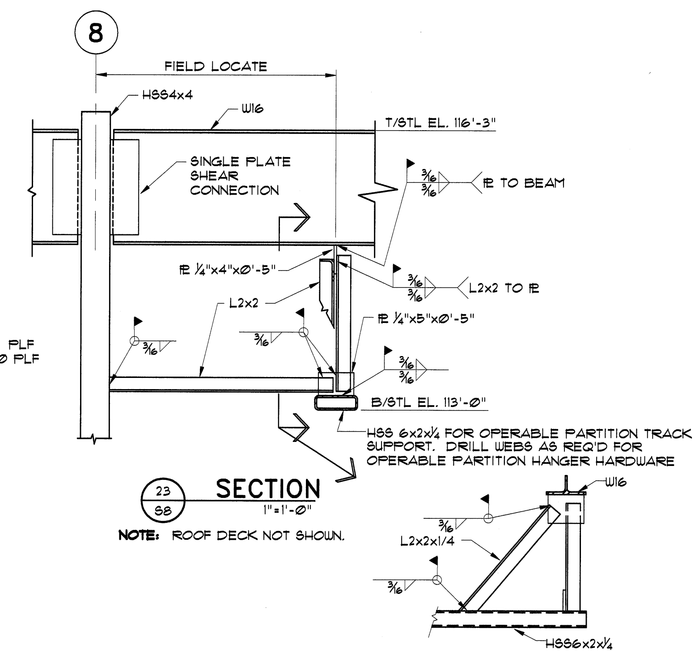
HOLE SIZE CHART	
BOLT DIA.	HOLE DIA.
¾"	1⅛"
1"	1⅜"

BASE PLATE THICKNESSES	
A	¾"
B	1"
C	1¼"
D	1½"
E	1¾"
F	2"
G	2¼"



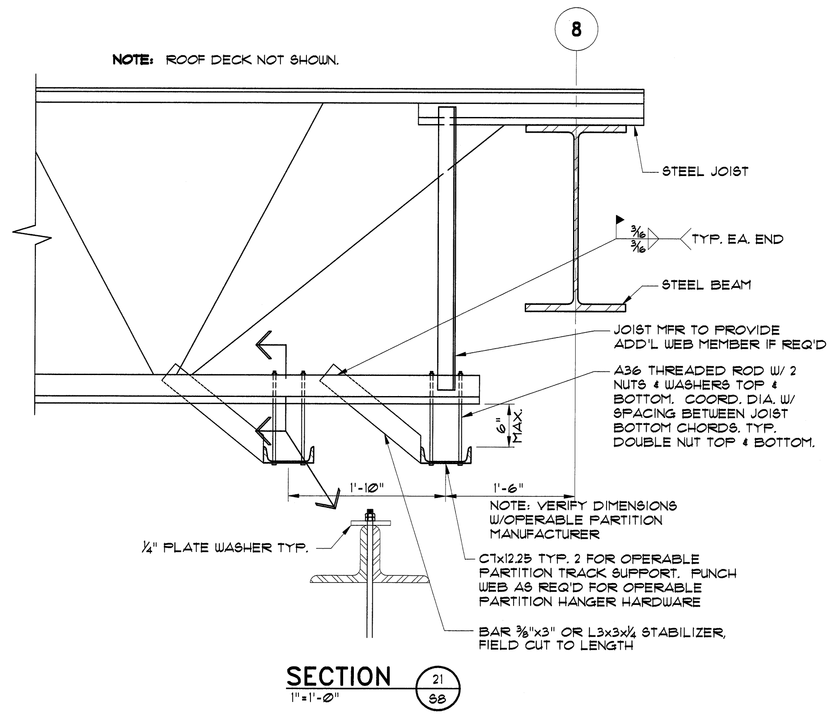
22/S8 SECTION
1"=1'-Ø"

NOTE: ROOF DECK NOT SHOWN.



23/S8 SECTION
1"=1'-Ø"

NOTE: ROOF DECK NOT SHOWN.



SECTION 21/S8
1"=1'-Ø"

BASEPLATE/ANCHOR BOLT SCHEDULE

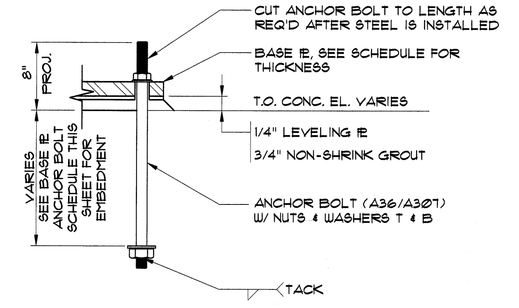
GYM WING DWG. S1

COLUMN LOCATION	NO. OF BOLTS	SIZE OF BOLTS	EMBED-MENT	BP # SEE DETAILS AT LEFT	BASEPLATE THICKNESS
BRACED BAY COLUMNS					
A5-8	6	1"ø	36	9	C
A5-9	4	¾"ø	12	7	A
A5-10	4	1"ø	12	7	A
A5-11	4	¾"ø	12	7	A
A5-12	4	¾"ø	12	4	C
E-8	4	¾"ø	12	1	E
E-12	4	¾"ø	9	3	A
H-8	4	¾"ø	12	1	E
H-12	4	¾"ø	9	3	A
N-8	4	1"ø	9	3	A
N-10	6	1"ø	9	36	A
N-12	4	1"ø	9	3	B
BC-B1	6	1"ø	13	36	B
BC-B5	4	¾"ø	24	2	F
BE-B1	4	1"ø	9	3	B
CA-C5	4	¾"ø	12	2	D
CB-C1	4	¾"ø	9	3	A
CB-C2	4	¾"ø	9	3	B
CB-C3	4	¾"ø	9	3	B
CB-C4	4	¾"ø	9	3	A
CB-C5	4	1"ø	12	1	D
CC-C2	4	¾"ø	9	3	B
CD-C2	4	¾"ø	12	2	C
BF-B8	4	1"ø	9	3	A
BL-B8	4	¾"ø	9	3	A
GRAVITY COLUMNS					
1-F	4	¾"ø	9	2A	B
2-B	4	¾"ø	9	1	A
2-J	4	¾"ø	9	1	A
3-A5	4	¾"ø	9	2A	B
3-N	4	¾"ø	9	2A	B
4-C	4	¾"ø	9	3	A
4-K	4	¾"ø	9	3	A
5-B	4	¾"ø	9	1	A
6-A5	4	¾"ø	9	1	C
6-E	4	¾"ø	9	1	D
6-H	4	¾"ø	9	1	D
6-N	4	¾"ø	9	3	A
6-S	4	¾"ø	9	3	A
6-T	4	¾"ø	9	1	B
7-W	4	¾"ø	9	2A	A
8-A	4	¾"ø	9	2	A
8-B	4	¾"ø	9	3	A
8-Y	4	¾"ø	9	1	C
9-A	4	¾"ø	9	1	A
10-A	4	¾"ø	9	1	B
10-B	4	¾"ø	9	3	A
10-V	4	¾"ø	9	3	A
10-AB	4	¾"ø	9	2A	C
11-A	4	¾"ø	9	2	A
12-G	4	¾"ø	9	3	A
12-B	4	¾"ø	9	3	B
12-AE	4	¾"ø	9	1	D
13-D	4	¾"ø	9	3	A
14-AF	4	¾"ø	9	2A	A
15-G	4	¾"ø	9	3	A
16-A5	4	¾"ø	9	1	B
17-AC	4	¾"ø	9	1	D
17-B	4	¾"ø	9	3	A
17-N	4	¾"ø	9	3	A
18-Z	4	¾"ø	9	2A	A
19-X	4	¾"ø	9	2A	B
20-U	4	¾"ø	9	3	A
21-U	4	¾"ø	9	3	A
B1-BH	4	¾"ø	9	3	A
B2-BA1	4	¾"ø	9	3	A
B3-BQ	4	¾"ø	9	6	A
B4-BM	4	¾"ø	9	3	A
B5-BA	4	¾"ø	9	2A	B
B5-BB	4	¾"ø	9	1	C
B5-BE	4	¾"ø	9	3	A
B5-BG	4	¾"ø	9	3	B
B5-BQ	4	¾"ø	9	5	A
B6-BK	4	¾"ø	9	3	A
B7-BJ	4	¾"ø	9	3	C
B8-BE	4	¾"ø	9	3	A
B9-BC	4	¾"ø	9	2A	E
B9-BD	4	¾"ø	9	3	A
B9-BN	4	¾"ø	9	3	A
B9-BQ	4	¾"ø	9	5	A
BIØ-BK5	4	¾"ø	9	2A	A
BIØ-BN	4	¾"ø	9	1	A
BIØ-BQ	4	¾"ø	9	1	A
C1-CA	4	¾"ø	9	1	C
C1-CC	4	¾"ø	9	3	A
C1-CE	4	¾"ø	9	1	D
C2-CA	4	¾"ø	9	1	D
C2-CE	4	¾"ø	9	2	C
C3-CA	4	¾"ø	9	1	E
C3-CC	4	¾"ø	9	3	A
C3-CD	4	¾"ø	9	1	D
C3-CD	4	¾"ø	9	2	D

BASEPLATE/ANCHOR BOLT SCHEDULE

CLASSROOM WING DWG. S2

COLUMN LOCATION	NO. OF BOLTS	SIZE OF BOLTS	EMBED-MENT	BP # SEE DETAILS AT LEFT	BASEPLATE THICKNESS
BRACED BAY COLUMNS					
B9-BU	4	1"ø	9	3	B
B9-BX	4	1"ø	24	2	F
B9-BAA	4	1"ø	24	2A	F
B9-BAB	4	1"ø	9	3	B
B11-BT	4	¾"ø	9	3	B
B12-BT	6	1"ø	9	36	B
B12-BU	4	¾"ø	9	3	B
B12-BW	4	¾"ø	24	2	C
B13-BT	4	1"ø	9	3	B
B14-BT	6	1"ø	9	36	B
B15-BR	4	¾"ø	24	2	C
B15-BT	4	¾"ø	24	1	D
E1-EB	4	¾"ø	9	3	B
E2-EB	6	1"ø	9	36	B
E2-EC	4	¾"ø	9	3	B
E2-ED	4	1"ø	24	2	C
E3-EB	4	1"ø	9	3	B
E4-EB	6	1"ø	9	36	B
E5-EA	4	¾"ø	24	2	C
E5-EB	4	¾"ø	24	1	D
GRAVITY COLUMNS					
B3-BR	4	¾"ø	9	6	A
B3-BS	4	¾"ø	9	1	B
B3-BV	4	¾"ø	9	1	B
B3-BY	4	¾"ø	9	1	B
B3-BZ	4	¾"ø	9	1	B
B3-BAC	4	¾"ø	9	1	B
B3-BAE	4	¾"ø	9	2A	A
B5-BR	4	¾"ø	9	5	A
B5-BS	4	¾"ø	9	3	A
B5-BV	4	¾"ø	9	3	B
B5-BX	4	¾"ø	9	3	B
B5-BZ	4	¾"ø	9	3	B
B5-BAC	4	¾"ø	9	3	B
B5-BAF	4	¾"ø	9	1	D
B5-BR	4	¾"ø	9	5	A
B5-BT	4	¾"ø	9	3	B
B5-BAD	4	¾"ø	9	3	A
B5-BAG	4	¾"ø	9	1	D
B11-BR	4	¾"ø	9	1	D
B11-BU	4	¾"ø	9	3	A
B11-BX	4	¾"ø	9	1	D
B12-BR	4	¾"ø	9	1	D
B12-BX	4	¾"ø	9	2	C
B13-BR	4	¾"ø	9	1	D
B13-BU	4	¾"ø	9	3	A
B13-BW	4	¾"ø	9	1	D
B15-BW	4	¾"ø	9	2	D
E1-EA	4	¾"ø	9	1	D
E1-EC	4	¾"ø	9	3	A
E1-EE	4	¾"ø	9	1	D
E2-EA	4	¾"ø	9	1	D
E2-EE	4	¾"ø	9	2	C
E3-EA	4	¾"ø	9	1	D
E3-EC	4	¾"ø	9	3	A
E3-ED	4	¾"ø	9	1	D
E5-ED	4	¾"ø	9	2	D



ANCHOR BOLT DETAIL
N.T.S.

STATE OF MAINE
DAVID K. PINKHAM
NO. 4433
REGISTERED PROFESSIONAL ENGINEER
7-15-04

Revisions:

East End
Elementary School
Portland Public Schools
Portland, Maine

Mosher Dirt Architects

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Consultants
Civil Engineer
DeLuca-Hoffman Associates
Landscape Architect
Carroll Associates
Structural Engineer
Pinkham & Greer
Mechanical Engineer
Bennett Engineering
Electrical Engineer
Bartlett Design
Kitchen Design
TJM Consulting
Green Consultant
Fore Solutions

Job No.: 0309
Date: July 15, 2004
Scale: AS NOTED
Drawn by: kim
Checked by: dkp

Drawing Title:
Structural Steel Sections & Details Baseplate Schedule

S.16