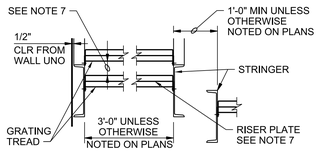
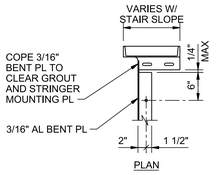
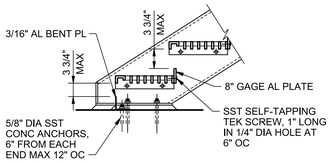
STAIRWAY WIDTH	TREAD BEARING BARS ALUMINUM TREAD
2'-3" OR LESS	1" x 3/16"
2'-9" OR LESS	1 1/4" x 3/16"
3'-3" OR LESS	1 1/2" x 3/16"
4'-7" OR LESS	1 3/4" x 3/16"



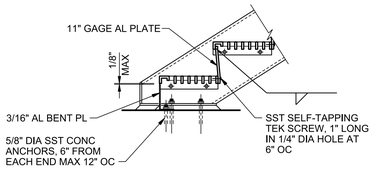
STAIR TREADS



BOTTOM CLOSURE PLATE



PARTIAL RISER PLATE



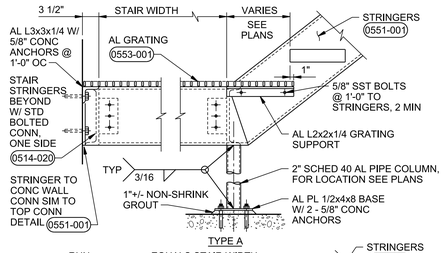
FULL RISER PLATE

STAIR DETAILS - ALUMINUM

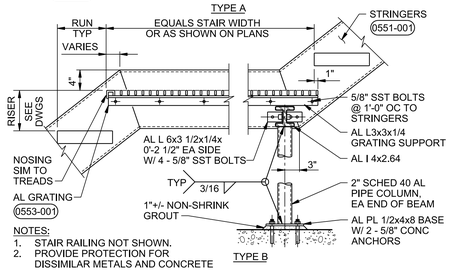
NTS

DETAIL 2 OF 2

0551-001



TYPE A



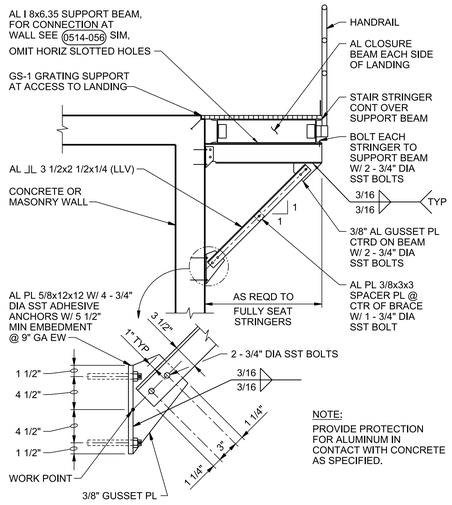
TYPE B

NOTES:
1. STAIR RAILING NOT SHOWN.
2. PROVIDE PROTECTION FOR DISSIMILAR METALS AND CONCRETE

STAIR LANDING WITH SUPPORTS - ALUMINUM

NTS

0551-002



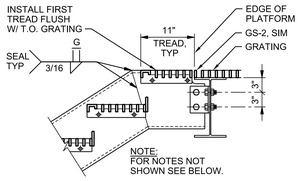
NOTE:
PROVIDE PROTECTION FOR ALUMINUM IN CONTACT WITH CONCRETE AS SPECIFIED.

STAIR LANDING SUPPORT - ALUMINUM

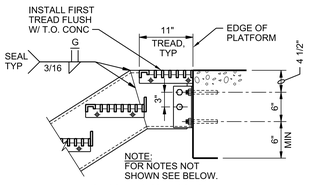
NTS

0551-003

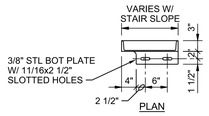
NOTES:
1. PROVIDE PROTECTION FOR DISSIMILAR METALS AND CONCRETE AS SPECIFIED.
2. AMERICAN STANDARD C12x20.7 STRINGERS TYPICAL EXCEPT WHERE OTHERWISE NOTED ON PLANS.
3. GALVANIZED STEEL GRATING TREADS UNLESS OTHERWISE NOTED ON PLANS.
4. STAIR HANDRAIL NOT SHOWN.
5. STAIR MANUFACTURER TO COORDINATE BOLTED TREADS AND HANDRAIL CONNECTIONS.
6. FIELD VERIFY DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION.
7. HOT DIP GALVANIZE ALL MEMBERS AND FASTENERS AFTER FABRICATION.
8. FOR RISER PLATE SEE PARTIAL RISER PLATE DETAIL (0551-041 DETAIL 2 OF 2) UNO. CLEARANCE BETWEEN TOP OF RISER PLATE AND BOTTOM OF TREAD TO BE 3 3/4" MAX. FOR STAIRS WITH PICKET HANDRAIL EXTEND RISER PLATE PER FULL RISER PLATE DETAIL.

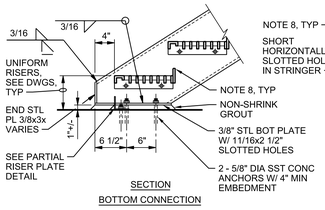


TOP CONNECTION - STEEL

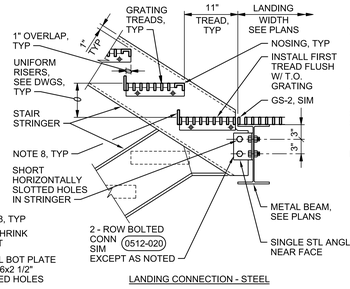


TOP CONNECTION - CONCRETE

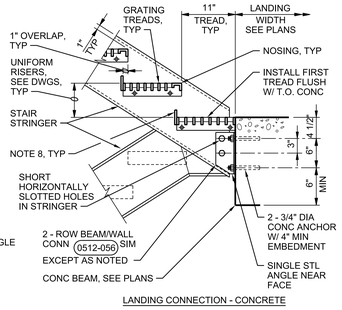




SECTION
BOTTOM CONNECTION



LANDING CONNECTION - STEEL



LANDING CONNECTION - CONCRETE

STAIR DETAILS - STEEL

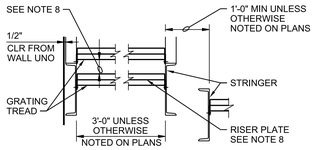
NTS

DETAIL 1 OF 2

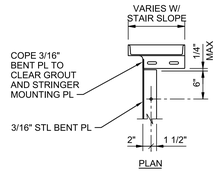
0551-041

STAIRWAY WIDTH	TREAD BEARING BARS * STEEL TREAD
2'-3" OR LESS	3/4" x 3/16"
2'-9" OR LESS	1" x 3/16"
3'-3" OR LESS	1 1/4" x 3/16"
4'-7" OR LESS	1 1/2" x 3/16"

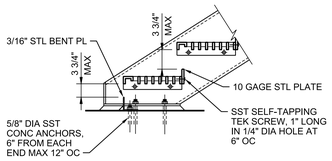
NOTE:
* FOR SERRATED BEARING BARS, INCREASE GRATING THICKNESS SHOWN IN TABLE BY 1/4".



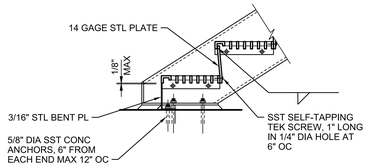
STAIR TREADS



BOTTOM CLOSURE PLATE



PARTIAL RISER PLATE



FULL RISER PLATE

STAIR DETAILS - STEEL

NTS

DETAIL 2 OF 2

0551-041

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PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE	PE	DATE
	0	ISSUED FOR CONSTRUCTION	RM	AF	HE		LE	06/2017		

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

WE	AR	CV	ST	HV	EM	FP	PD	EE	IE	M	NP

SQUAD CHECK

RPE: Teresa J. Pierce, P.E. — 6/30/17

DRAWING APPROVALS		DATE
DRW	R MARKEN	06/16/17
CHKR	A FIRTH	06/16/17
DE	H ELLIOTT	06/16/17
DVR		
DM	L ELLIS	06/16/17

REV. DATE

UCOR URS | CH2M Oak Ridge LLC

OF200 Mercury Treatment Facility

Designed by URS|CH2M Oak Ridge LLC (UCOR) for the Department of Energy
Oak Ridge Office of Environmental Management
under U. S. Government contract DE-SC-0004645

Y-12 National Security Complex managed and operated by Consolidated Nuclear Security, LLC for the Department of Energy under U.S. Government contract DE-NA0001942
a Oak Ridge, Tennessee a

PROJECT NAME:
OF200 MERCURY TREATMENT FACILITY
STRUCTURAL
STANDARD DETAILS - SHEET 9 OF 12

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	S	DT	X	NC	FAC	AR	E	9410-02	S	U

SH.	OF	TYPE		PART	REV
9	12	DD	S941002-F-0053	000	0

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