

PRELIMINARY - NOT FOR CONSTRUCTION
 APPROVED FOR CONSTRUCTION
 SUPERSEDES ALL PREVIOUS ISSUES
 BY *D. Williams* DATE *11-5-2003*

DWG. NO.	TITLE	BY
	REFERENCE DRAWINGS	

LEGEND:
 (L3x3) - EXISTING STEEL MEMBER
 F.V. - FIELD VERIFY

Released For Construction
 Date: *Nov 05, 2003*

GENERAL NOTES:
 1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCY.
 2. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
 3. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
 4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
 5. EXISTING STRUCTURES MAY HAVE LEAD-BEARING COATINGS. WHERE MODIFICATIONS ARE TO BE MADE TO EXISTING STRUCTURES, CONTRACTOR SHALL TEST FOR PRESENCE OF LEAD IN THE COATINGS. IF LEAD IS PRESENT IN THE COATING, CONTRACTOR SHALL EMPLOY MEANS NECESSARY TO CONTAIN AND DISPOSE OF LEAD-BEARING DEBRIS.

STEEL NOTES:
 1. ALL STEEL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AISC MANUAL FOR STEEL CONSTRUCTION.
 2. ALL STEEL SHAPES AND PLATES TO BE ASTM A36 UNLESS NOTED. ALL HSS SHAPES SHALL BE ASTM A500 GRADE B.
 3. NEW STRUCTURAL BOLTED CONNECTIONS SHALL USE ASTM A325 BOLTS, A563 NUTS, AND F436 WASHERS. BOLT TIGHTENING AND TORQUES SHALL BE IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. STRUCTURAL JOINTS USING 7/8 INCH AND 5/8 INCH IN DIAMETER BOLTS ARE SLIP-CRITICAL AND THE BOLTS SHALL BE PRE-TENSIONED (TORQUED) TO THE REQUIREMENTS OF THE SPECIFICATION.
 4. REPLACEMENT BOLTING HARDWARE FOR EXISTING ARCHITECTURAL FEATURES (HANDRAILS, GRATING AND STAIR TREADS) SHALL BE ASTM A325 BOLTS AND A563 NUTS WITH STANDARD FLAT WASHERS FOR SIZES 1/2 INCH DIAMETER AND LARGER AND SHALL BE ASTM A307 OR A36 MATERIAL WITH MATCHING A563 NUTS FOR SIZES LESS THAN 1/2 INCH DIAMETER. SAE GRADE 5 BOLTING HARDWARE MAY BE SUBSTITUTED FOR SIZES LESS THAN 1/2 INCH DIAMETER AT THE CONTRACTOR'S OPTION.
 5. SHOP CONNECTIONS MAY BE WELDED OR BOLTED AND FIELD CONNECTIONS SHALL BE BOLTED UNLESS OTHERWISE NOTED.
 6. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1. ALL WELDS SHALL BE E70XX ELECTRODE OR STRONGER, UNLESS NOTED OTHERWISE.
 7. STEEL BEAMS AND COLUMNS SHALL BE CUT FROM FULL LENGTH STOCK. UNAUTHORIZED SPLICES WILL BE CAUSE FOR REJECTION.
 8. DIMENSIONS, MEMBER SIZES, AND DETAILS OF ALL EXISTING STRUCTURES HAVE BEEN EXTRACTED FROM RECORD DRAWINGS AND/OR FIELD DETERMINED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS TO HIS SATISFACTION PRIOR TO SUBMISSION OF BID. ANY DEVIATIONS FOUND IN THE FIELD FROM WHAT IS SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER.
 9. ALL GRATING SHALL BE 1 1/4"x3/16" GALVANIZED STEEL RESISTANCE WELDED, BAR GRATING. GRATING STAIR TREADS SHALL HAVE CHECKERED PLATE NOSING. UNLESS NOTED OTHERWISE, GRATING SHALL BE ANCHORED WITH GALVANIZED SADDLE CLIPS. AT LEAST 4 CLIPS WILL BE USED AT EACH PANEL WITH AN ADDITIONAL 2 AT ALL INTERMEDIATE BEAMS.
 10. BANDING OF FIELD CUT GRATING OPENINGS (PIPING, CABLE TRAY AND EQUIPMENT PENETRATIONS) SHALL BE DONE WITH MATERIALS IN ACCORDANCE WITH ASTM A569. WELDING OF BANDINGS SHALL CONFORM TO AWS A5.1 CLASS E70XX.

TYPICAL END PLATE DETAIL
 SCALE: 1 1/2"=1'-0"

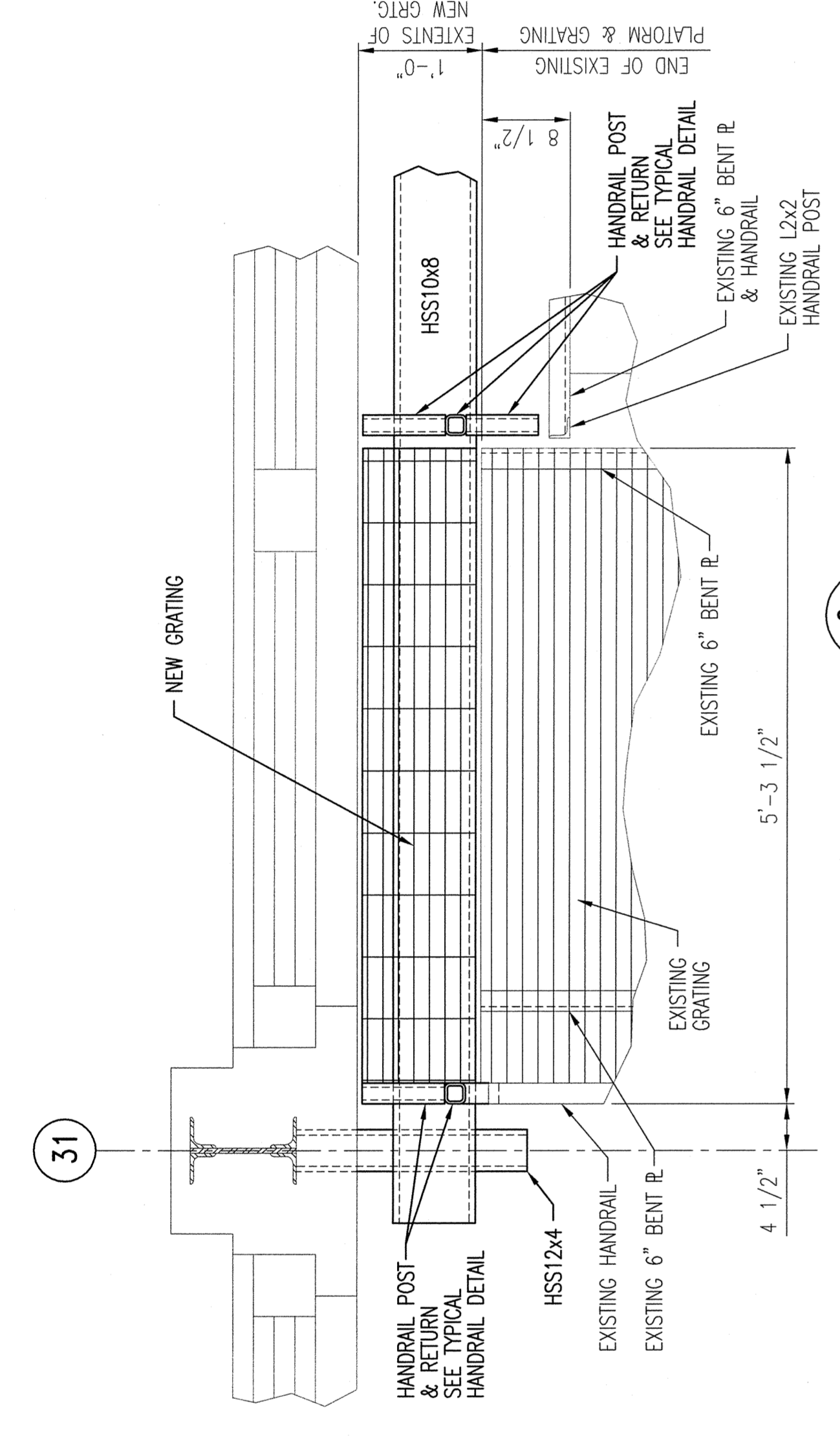
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NO.	DATE	BY	REVISIONS	ISSUED FOR
0			CLIENT	CONSTRUCTION
REV.			ISSUED TO	ISSUED FOR

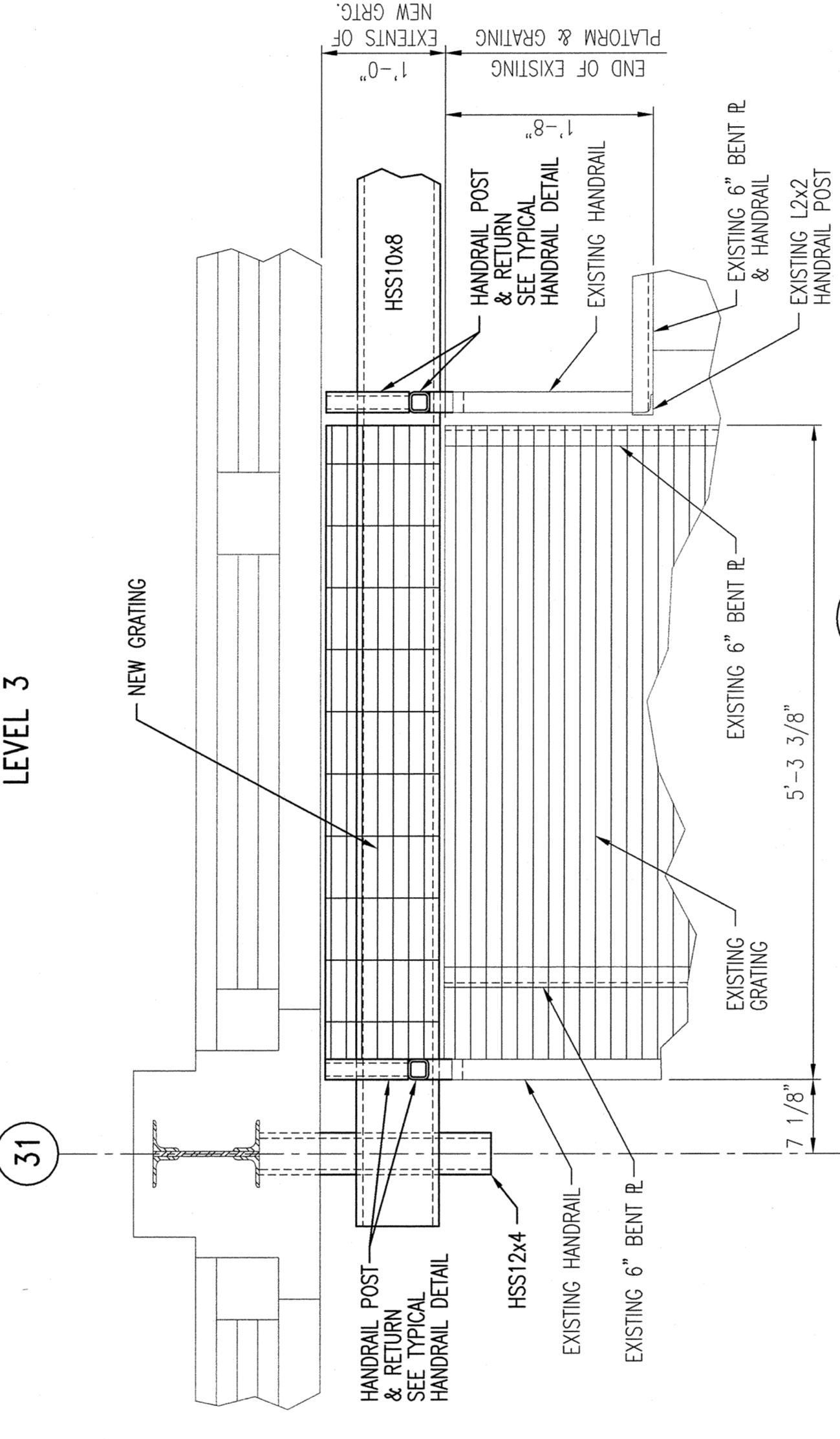
DESIGNED	CHECKED	DATE	SCALE	AS NOTED
G. WILLIAMS	D. PERREault	10/21/03		
DESIGN	L. DFTL.			
APPROVED				
PROJ. ENG.	G. WILLIAMS			

Neil and Genter
 PORTLAND PRESS HERALD
 CONGRESS STREET OFFICE BUILDING
 FIRE ESCAPE MAINTENANCE
 FIRE ESCAPE NEW BLDG. SUPPORT
 SECTIONS & DETAILS

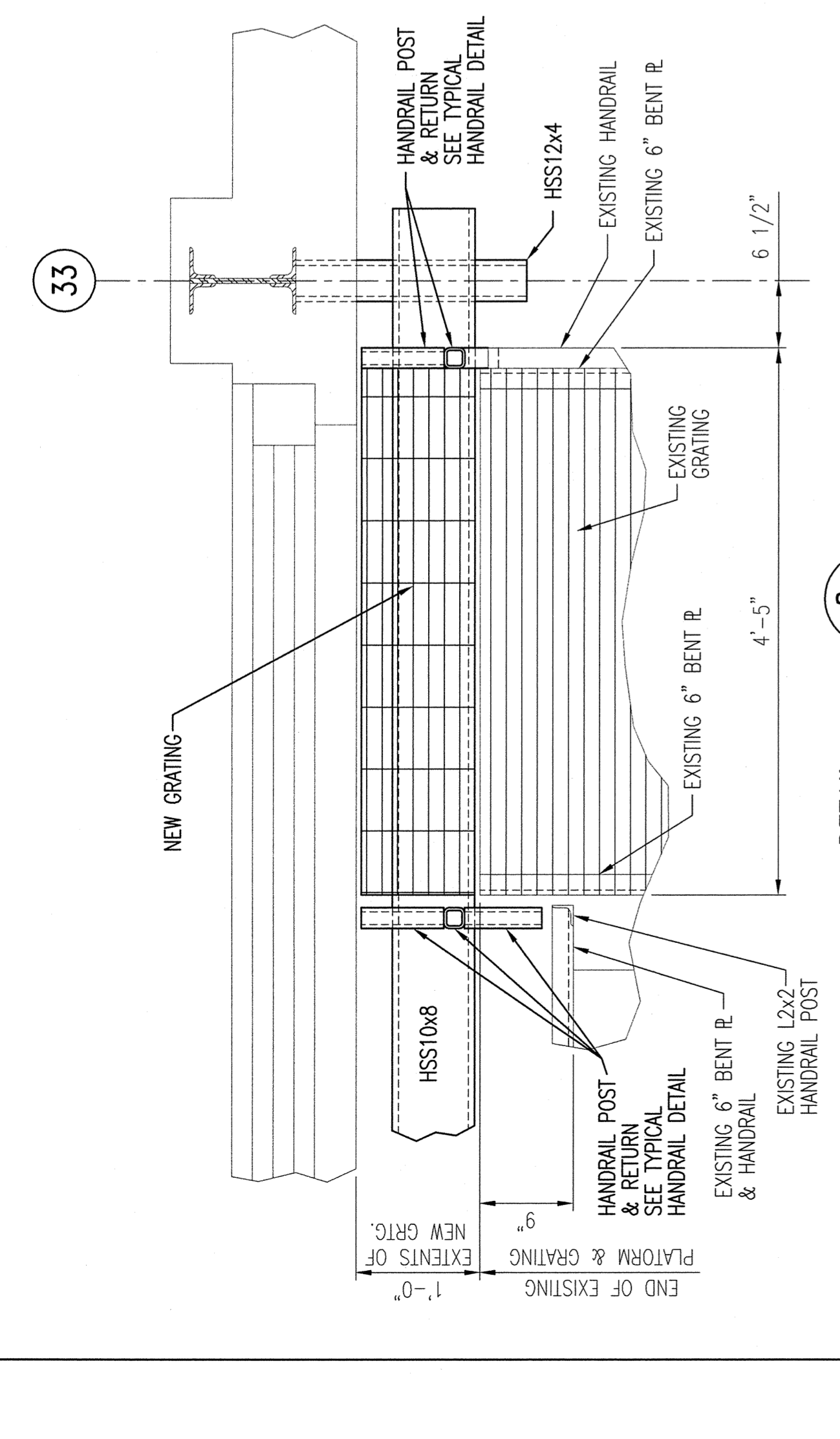
JOB NO.	25216	DWG. NO.	D-3008



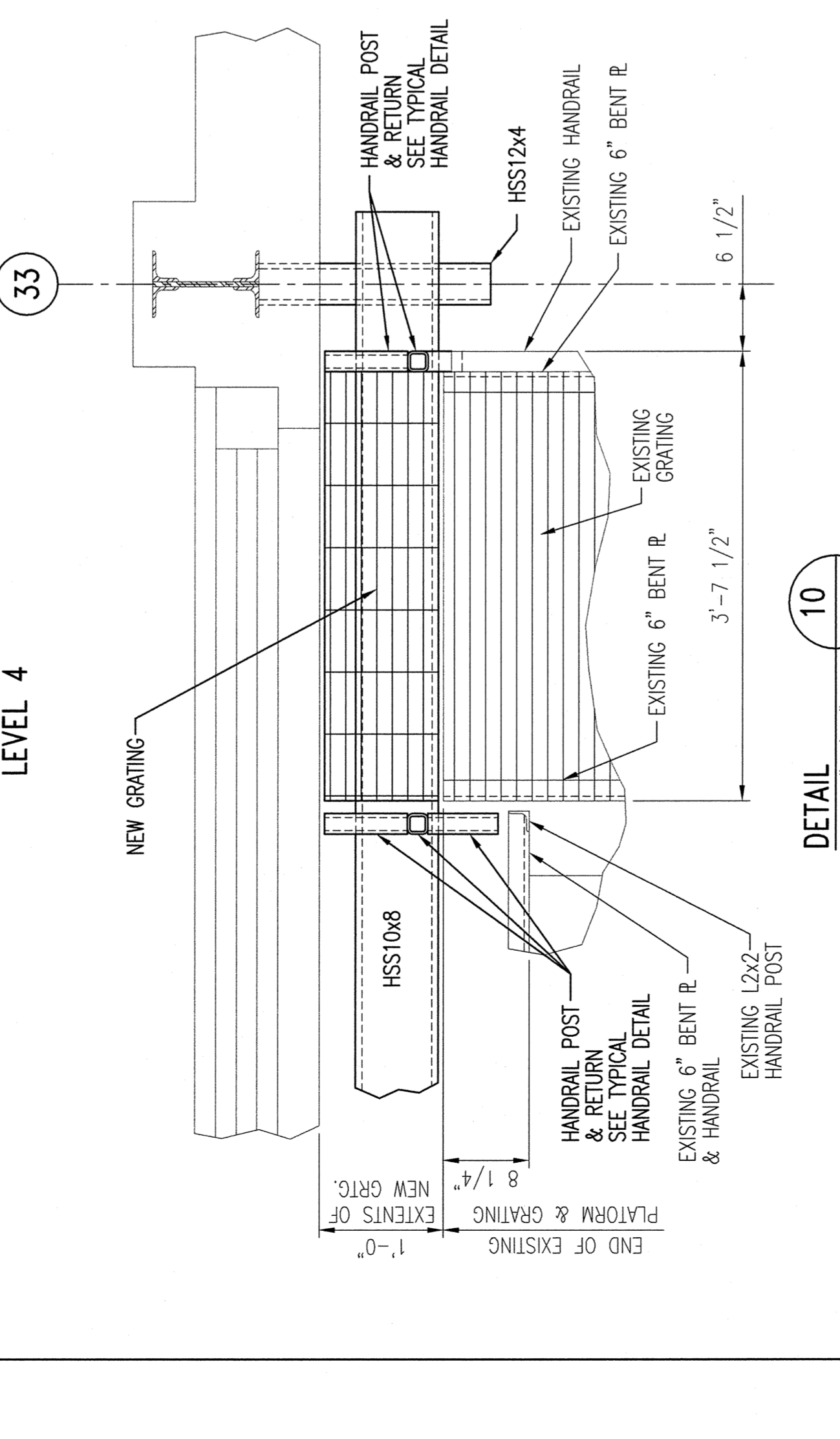
DETAIL 9
 SCALE: 1"=1'-0"
 D-3006
 LEVEL 3



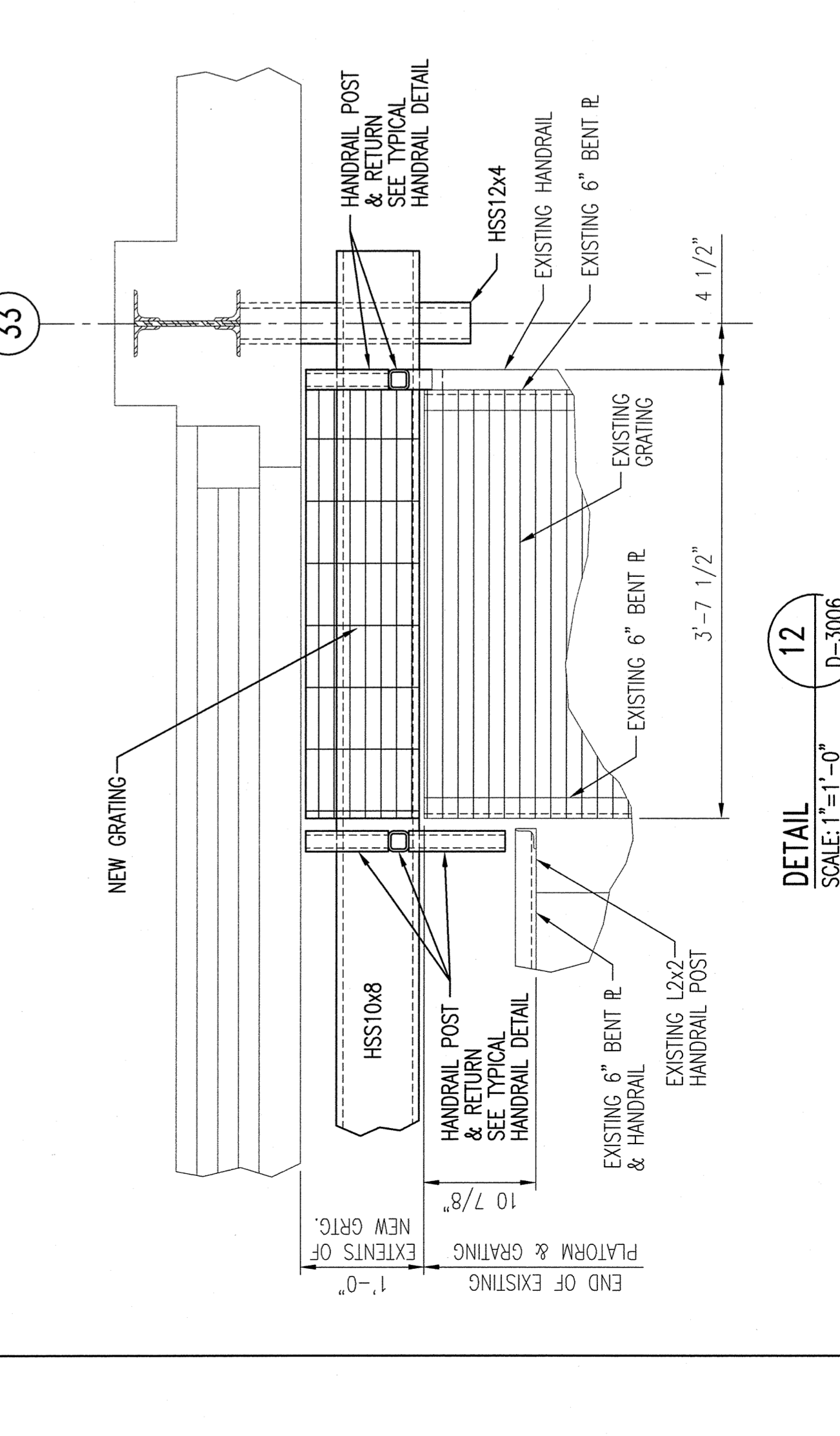
DETAIL 11
 SCALE: 1"=1'-0"
 D-3006
 LEVEL 2



DETAIL 8
 SCALE: 1"=1'-0"
 D-3005
 LEVEL 4



DETAIL 10
 SCALE: 1"=1'-0"
 D-3006
 LEVEL 3



DETAIL 12
 SCALE: 1"=1'-0"
 D-3005
 LEVEL 2

TYPICAL HANDRAIL DETAILS
 SCALE: 1"=1'-0"

THIS IS AN AUTOCAD FILE. TO PRODUCE A SCALEABLE DRAWING, IT MUST BE PLOTTED AT THE INTENDED SCALE.
 1' 0' 1' 2' 3' 4' 5'
 SCALE: 1/2"=1'-0"

CD 25216 (REV. 03)