GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AFFECTING THE WORK AT THE SITE AND SHALL NOTIFY THE CONTRACTING OFFICER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND THE INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.

STRUCTURAL STEEL

1. THE DESIGN, FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL SHALL CONFORM TO AISC "MANUAL OF STEEL CONSTRUCTION EIGHT EDITION"
2. ALL WELDED CONNECTIONS SHALL DEVELOP MINIMUM 10,000 LBS CAPACITY MINIMUM WELD SIZE SHALL BE 1/4" U.O.N.
3. ALL BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF 2-3/4" ϕ ASTM A-307 BOLTS UNLESS OTHERWISE NOTED.
4. ALL STIFFENERS AND GUSSET PLATES SHALL BE MINIMUM 3/8" THICK.
5. GRATING SHALL BE IRVING "X-BAR" STEEL GRATING IK-3 TYPE AA MANUFACTURED BY IRVING INDUSTRIES OR APPROVED EQUAL.

CONCRETE

1. THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 4000 PSI UNLESS OTHERWISE NOTED
2. REINFORCING BAR SHALL BE GRADE 60 DEFORMED BAR CONFORMING TO ASTM A615
3. EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS OTHERWISE NOTED

SURFACE PREPARATION OF CONCRETE SLAB

1. ROUGHEN THE SURFACES OF EXISTING CONCRETE SLAB WITHIN THE LIMITS AS SHOWN ON DRAWINGS EXPOSING AGGREGATES TO A MINIMUM AMPLITUDE OF 1/4".
2. APPLY EPOXY BONDING AGENT TO ROUGHENED SURFACES BEFORE PLACING NEW CONCRETE.

REFERENCE ELEVATION

1. MEAN SEA LEVEL (MSL) EL 7200'-0" = REFERENCE EL 0'-0"

FLOOR PLAN
1/2"=1'-0" TOP OF FLOOR EL 42'-4"

PLATFORM PLAN @ EL 47'-4" (U.O.N.)
1/2"=1'-0"

DETAIL 1
1 1/2"=1'-0"

SECTION G
1 1/2"=1'-0"

SECTION H
1 1/2"=1'-0"

SECTION J
1 1/2"=1'-0"

SECTION A
1/2"=1'-0"

CHAIN ASSEMBLY DETAIL 3
NO SCALE

SECTION D
1 1/2"=1'-0"

SECTION E
1 1/2"=1'-0"

SECTION F
1 1/2"=1'-0"

DETAIL 5
NO SCALE

SECTION B
1 1/2"=1'-0"

DETAIL 2
1 1/2"=1'-0"

SECTION C
1 1/2"=1'-0"

DETAIL 4
1 1/2"=1'-0"

Fig. 4 - Proposed Batch Treatment Plant

AUTHORIZED FOR	
HEALTH	
SAFETY	
FIRE PROT.	
SEC.	

UNITED STATES
DEPARTMENT OF ENERGY
LOS ALAMOS AREA OFFICE — LOS ALAMOS, NEW MEXICO

UPGRADING OF INDUSTRIAL LIQUID WASTE TREATMENT PLANT
UPGRADING OF BATCH WASTE TREATMENT SYSTEM
PLAT FRAMING PLAN & DETAILS

THE RALPH M. PARSONS COMPANY
PASADENA, CALIFORNIA

DRAWING NO. LA-RV-S-22

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