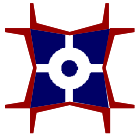


CONSTRUCCIONES
INDUSTRIALES
DE NUEVO LAREDO
www.cinl.com

CONSTRUCTION SPECIFICATIONS

DATE: Original



25,015 SQFT PRODUCTION, OFFICE, & WAREHOUSE
7,147 SQFT SHIPPING, 16,748 SQFT WAREHOUSE, 1,120 SQFT OFFICE

DESIGN

1. Full set of as built drawings.
2. Project manual.
3. Necessary civil, electrical, and mechanical engineering.
4. Architectural design.
5. Construction Permits and fees.(CFE and TELMEX payments, deposits, and substation fees are not included in contract).

EARTH WORK

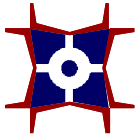
1. Test of site soil for design purposes. All material and work will be tested for quality by a reputable laboratory (soil, concrete, steel, etc.).
2. Preliminary work such as, removal of top 4" soil, project surveying and plotting.
3. Compacting of natural ground to 90% Proctor. Forty six (46'') [building is dock high 48''] of imported material laid in 8'' layers and compacted to 95% Proctor in warehouse areas.
4. Compacting of natural ground to 90% Proctor. Forty six (46'') [building is dock high 48''] of imported material laid in 8'' layers and compacted to 95% Proctor in dock areas.

EXTERIOR WORK

1. Perimeter 7' cyclone fence with 1' barb wire crown, one main entrance 24 ft gate, and one 3 ft wide man gate at entrance to lot.

FOUNDATION

1. Excavation of finished platform.
2. Cast in place isolated shallow footings (see drawing).
3. Back fill and compacting of finished footing.



STEEL STRUCTURE

1. U.S. imported pre engineered, prefabricated steel structure, able to withstand the following sustained loads:

wind loads...	90 mph
roof live loads...	20 psf
frame live loads...	12 psf
aux. loads...	3 psf
clear height below rafter (shipping)...	15 ft in all building
clear height below rafter (warehouse)...	19 ft in all building
bay spacing... (warehouse)	34' - 7"
bay spacing... (shipping)	29' - 11 13/16", 22' - 0 3/16"
column spacing... (shipping)	50' - 0"
column spacing... (warehouse)	50' - 1 1/2"

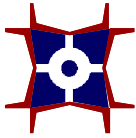
2. Installation.

EXTERIOR WALLS IN WAREHOUSE

1. Six inch thick Pre cast and pre tilt $f_c=3000$ psi concrete panels, reinforced with $f_y=40,000$ psi #3 steel rebar @1.75" with a 2" polyethylene core. All perimeter of building from bottom of concrete floor level to 8' -10" high, and 26 ga. Galvalum (standard color) sheet metal R-panels with 3" of insulation from 8' -10" to roof line.
2. Two coats of interior latex paint on inside face and outside face (Jones Blair).
3. Sixteen 4'X4' variable flow wall louvers mounted on warehouse walls.
4. Cold formed purlin / R -panel wall from canopy height to 12' above finished floor level in shipping area.

ROOF DECK

1. 26 ga. Galvalum r -panel roof deck with a 1 in 12 slope.
2. Three inches of white vinyl backed fiberglass insulation sandwiched between the steel deck and nylon wire mesh.
3. Roof mounted ridge vents 12'X10" in shipping and warehouse buildings (10 pc.).
4. Fiberglass sky lights in warehouse and shipping area (5% of total area).



CONCRETE FLOORS

1. Six inch $f_c=4000$ psi concrete slab, reinforced with a 66 -44 electro-welded wire mesh.
2. Controlled cracking @15' in both directions, and cold joints as marked in drawings.
3. Polyurethane self leveling control crack seal.
4. Floor joint seal and application of Magnesium silicate hardener.
5. 8" steel edge channel appropriately anchored to withstand truck impact on edge of shipping area containing wall.

SIDE WALKS

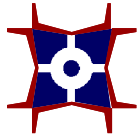
1. Four feet wide and 4" thick walkway on office entrance.

SHIPPING AREA

1. Eight inch $f_c=4,000$ psi concrete apron (16,032 sqft) reinforced with 1 bed of # 3 rebar @ 12 inch in two directions, able to functionally accommodate 24 tractor trailers.
2. One chain operated metal overhead curtain (Windsor), 18'x10', with protection bollards on both sides.
3. One $f_c=4000$ psi reinforced concrete drive way access from shipping floor to street level.
6. Six inch steel pipe bollards (two per column in shipping, and two per side columns and 4 per center columns in warehouse) filled with concrete.
6. Exterior five foot metal canopy on apron sides of shipping building with gutters and downspouts to carry water to pavement.
7. Dock light on columns in shipping area (22 pc.)
8. Interior and exterior dock number signs.

REST ROOMS

1. Complete hydraulic and sanitary piping according to design.
2. Cinder block unit construction, completely covered with Lamosa tile (or Similar), color is governed by architectural design.



3. Three white elongated Lamosa toilets (or similar) with Sloan flush valves (or similar) and wood seat covers.
4. Sanilock designer collection commercial grade steel partitions (or similar).
5. One white Lamosa urinal with Sloan flush valve (or similar).
6. Two white Lamosa 19" Ovalin lavatories (or similar).
7. Tile Covered reinforced concrete vanities in dock rest room area, color is subject to interior design.
8. Wood vanities in office area.
9. Ventilation system to maintain a fresh supply of air in rest rooms.
10. Paper towel and toilet paper accessories.

OFFICE AND LUNCHROOM

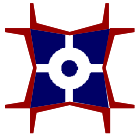
1. Interior steel or wood frame sheet rock office partitions with a textured finish.
2. Nine foot high acoustic suspended ceiling (2'x4' grid).
3. Two coats of interior latex paint on walls.
4. Interceramic office line ceramic tile 12"X12".
5. Four inch ceramic base board throughout office where tile is used.
6. All exterior office and lunch room walls and roofs to be insulated to R -11 minimum.

DOORS

1. Emergency: commercial grade hollow metal doors, including panic door locks and hardware (Republic).
2. Interior office: solid core wood doors including locks and hardware.
3. Interior office rest room: hollow wood doors with privacy locks and hardware (Republic).
4. Interior production to office, cafeteria, and rest room area: hollow metal door with passage locks and hardware and half leaf tempered glass window (Republic).
5. Main entrance: hollow metal door with entrance locks and hardware and half leaf security glass window (Republic).

WINDOWS

1. Interior: Anodized aluminum fixed frames and glass 1/8".
2. Exterior: Anodized aluminum fixed frames with 1/4" tinted anti ray glass.



PARKING AND MANEUVERING AREA

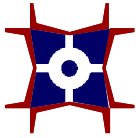
1. Eight inches of compacted base material to 95% Proctor.
2. Parking lot to accommodate 18 cars (1 1/2" asphalt).
3. Parking lot to accommodate 13 cars (1 1/2" asphalt).
4. Compacted caliche base with slope allocations for run off rain water for truck, trailer parking and maneuvering.
5. Six feet by 8 inch f^c=4,000 concrete trailer gears drop strips reinforced with two beds of #3 rebar @ 12 inch in two directions in trailer parking area.
6. Concrete dove chest (roll back) curves on parking and maneuvering area when asphalt is used.

HYDROPNEUMATIC SYSTEM

1. One 1 hp hydropneumatic pump with a 60 gallon tank, 2,641.72 Gal. nylon underground cistern with concrete cover, and an automatic pressure switch for building use. One 2641.72 Gal. nylon underground septic tank with concrete cover.

ELECTRICITY

1. Exterior illumination system consisting of 5 -250 watt wall mounted luminaries.
2. Emergency lighting system for office area, consisting of 3 incandescent luminaries with rechargeable battery packs (120 volts).
3. Exit lighting system for office area, consisting of 3 incandescent luminaries with rechargeable battery packs (120 volts).
4. Production area bathroom lighting system consisting of 4/40watt fluorescent drop in lamps able to produce 50 foot candle intensity.
5. One high pressure sodium illumination system consisting of 250 watt luminaries able to produce 30foot candle intensity in warehouse and shipping.
7. One fluorescent 4/40 watt drop in lamp system able to produce 100 foot candle intensity in office and cafeteria area (120 volt).
7. Twenty current outlets (110 volts) in office / lunchroom area.
8. Twelve current outlets (110 volts) in shipping area (one per column).



9. One computer outlet system that consists of 4 preparations for installation of computer network system (Outlet box, conduit from outlet to above drop ceiling, does not include wiring)
10. One telephone outlet system that consists of 5 telephone outlets for office area telephone network system (wiring not included).
11. One exterior 400 watt illumination system mounted on 30' high posts for truck yard (10 pc.).

ELECTRICAL SUBSTATION

1. Two 13,200 -220-110, 3 PH, 4 LINE, 75 KVA substation with transformer, and main switchboard (NQOD w/350 main, and 42 spaces) . All connections, from property line to transformer to main switchboard are underground.

ACHV OFFICE

1. Air conditioning system at a rate of 1 ton/ 225 sqft in office and lunchroom area.
2. Electrical heating system incorporated to A/C system in office area.