

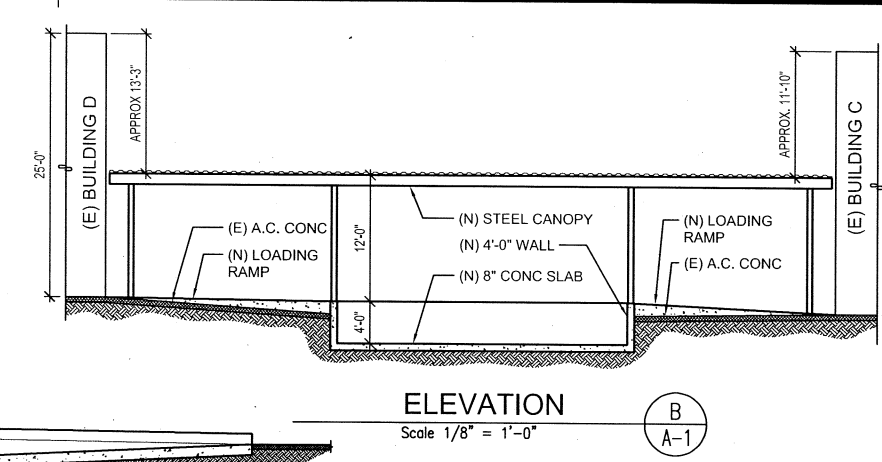
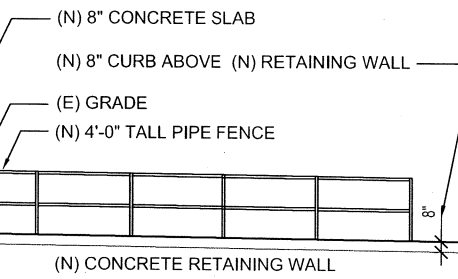
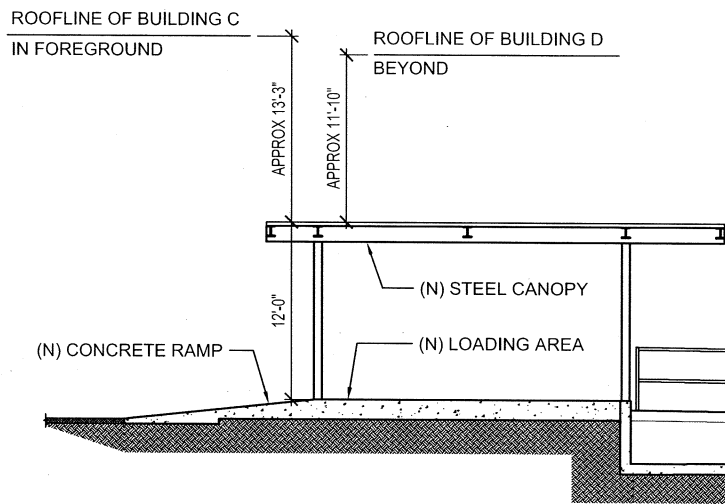


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Truck Dock Addition
Building C & D
Malaytex USA Inc.
812 SAN PABLO AVENUE
PINOLE, CALIFORNIA

CONSTRUCTION OF NEW LOADING DOCK FOR MALAYTEX USA INC.



ELEVATION
Scale 3/16" = 1'-0"
A
A-1

ELEVATION
Scale 1/8" = 1'-0"
B
A-1

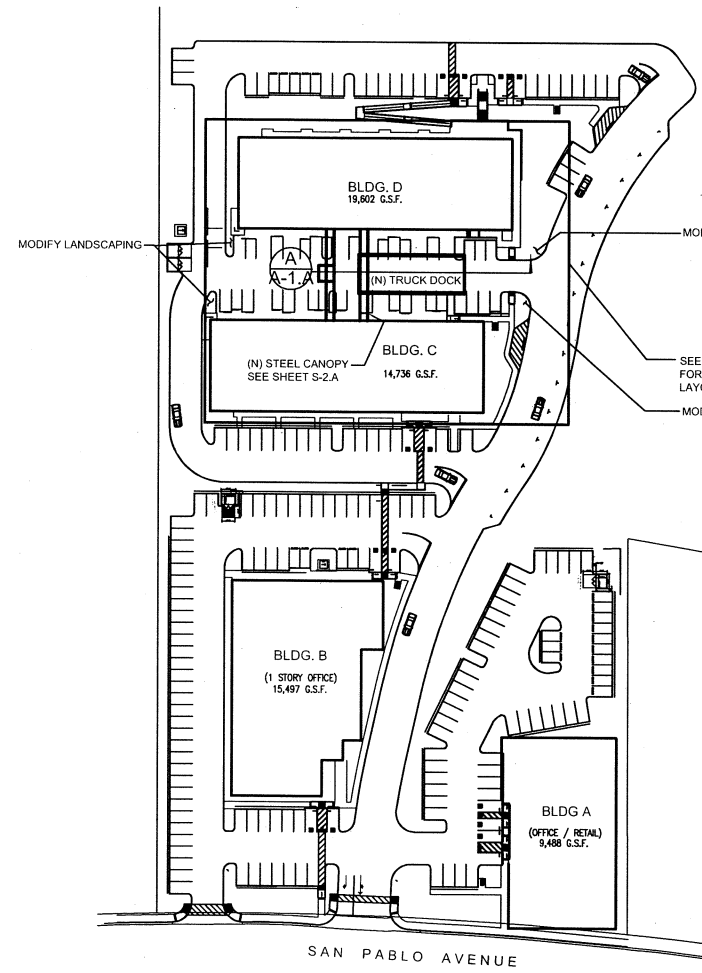
PROJECT NOTES

- MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, 2007 EDITION (IBC 2006 AMENDED), AND ALL LOCAL ORDINANCES.
- THE CONTRACTOR SHALL VERIFY EXISTING JOB CONDITIONS, REVIEW ALL DRAWINGS AND SPECIFICATIONS AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. ANY DEVIATIONS BETWEEN DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMITTING BID PROPOSAL.
- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR PROJECT SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE BRACING AND SUPPORT OF ALL TEMPORARY CONSTRUCTION AND PARTIALLY COMPLETED PORTIONS OF THE WORK. SUCH BRACING, SHORING, AND SUPPORT SHALL INSURE THE SAFETY OF THE STRUCTURE AND ALL PERSONS WHO COME IN CONTACT WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING, BRACING, AND DEMOLITION PROCEDURES.
- INFORMATION REGARDING EXISTING CONSTRUCTION IS BASED LIMITED VISUAL OBSERVATION. THIS INFORMATION IS BELIEVED TO BE CORRECT BUT IS NOT GUARANTEED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS, AND FIELD VERIFY ALL DIMENSIONS, AND EXISTING JOB CONDITIONS AND CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF EXISTING JOB CONDITIONS AND/OR CONSTRUCTION IS NOT AS SHOWN ON THE DRAWINGS.
- ALL WORK SHALL CONFORM TO THESE NOTES AND DRAWINGS IN ALL RESPECTS. NO CHANGES SHALL BE ALLOWED WITHOUT WRITTEN AUTHORITY FROM THE ENGINEER, AND APPROVAL OF THE BUILDING DEPARTMENT.
- UNDERGROUND UTILITIES HAVE BEEN LOCATED BY VISUAL INSPECTION. THESE LOCATIONS MUST BE CONFIRMED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE SUPPLEMENTAL BID PROPOSALS (CHANGE ORDER) FOR LOCATING, PROTECTING, AND/OR REPAIRS, IF NEEDED DUE TO DAMAGE WHILE ON SITE.
- FOOTING & SLABS SHALL BEAR ON FIRM UNDISTURBED SOIL, EXISTING ASPHALT PAVING, OR ON ENGINEERED FILL HAVING A MINIMUM RELATIVE COMPACTION OF 90 PERCENT BASED UPON ASTM D1557 LABORATORY COMPACTION TEST PROCEDURE.
- FOOTING EXCAVATIONS SHALL BE RELATIVELY DRY AND FREE OF ALL LOOSED CUTTINGS OR SLOUGH PRIOR TO PLACING REINFORCING AND CONCRETE.
- BACKFILL BEHIND RETAINING WALLS IF REQUIRED AND AROUND FOUNDATION EXCAVATIONS SHALL BE ON ENGINEERED FILL HAVING A MINIMUM RELATIVE COMPACTION OF 90 PERCENT BASED UPON ASTM D1557 LABORATORY COMPACTION TEST PROCEDURE.
- NO GEOTECHNICAL REPORT HAS BEEN PROVIDED TO THE ENGINEER BY THE OWNER. STANDARD SOIL BEARING VALUES HAVE BEEN USED IN THE DESIGN OF THIS PROJECT. CONTRACTOR SHALL REPORT TO ENGINEER ANY UNSTABLE CONDITIONS IF FOUND
- CONCRETE FLOOR SLABS AND FOUNDATIONS SHALL BE CAST ON A BUILDING PAD AND EXCAVATIONS THAT HAVE BEEN SATURATED WITH WATER PRIOR TO PLACING CONCRETE. PAD AND EXCAVATION SHALL BE DAMP TO AT LEAST 12 INCHES OR AS OTHERWISE RECOMMENDED BY THE ENGINEER.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 40 FOR #3 BARS AND GRADE 60 FOR #4 BARS AND LARGER. REINFORCING SHALL BE FABRICATED WITH BENDS AND HOOKS CONFORMING TO ACI 315, AND AS INDICATED, AND TOLERANCES CONFORMING TO ACI 301. REINFORCING SHOWN OR NOTED AS BEING "CONTINUOUS" SHALL RUN IN AS LONG OF LENGTHS AS IS PRACTICAL. LAP BARS AS FOLLOWS: REGULAR BARS: #6 AND SMALLER, 70 DIAMETERS; TOP BARS: 92 DIAMETERS. BARS SHALL BE DOMESTIC MANUFACTURED WITH ADEQUATE IDENTIFYING MARKINGS OF GRADE AND MANUFACTURE.
- REINFORCING SHALL BE PLACED TO TOLERANCES CONFORMING TO ACI 301 AND BE HELD SECURELY IN PLACE AND SUPPORTED ON PLASTIC OR GALVANIZED CHAIRS CONFORMING TO WCRSL WIRE THE ALL INTERSECTIONS. CONCRETE DOBIES MAY BE USED TO SUPPORT REINFORCING CAST AGAINST EARTH.
- MINIMUM CONCRETE COVER OVER REINFORCEMENT WHERE NOT INDICATED ON THE PLANS SHALL BE: 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH, 2" FOR #6 BARS AND LARGER FOR FORMED SURFACES EXPOSED TO EARTH OR WEATHER, 1.5" FOR #5 BARS AND SMALLER FOR FORMED SURFACES EXPOSED TO EARTH OR WEATHER, 1.5" FOR FORMED BEAM AND COLUMN SURFACES NOT EXPOSED TO EARTH OR WEATHER, AND 0.75" FOR FORMED SLAB AND WALL SURFACES NOT EXPOSED TO EARTH OR WEATHER. IN ALL CASES THE MINIMUM CONCRETE COVER OVER REINFORCEMENT SHALL BE EQUAL TO TWO BAR DIAMETERS.
- AT THE TIME OF CONCRETE PLACEMENT ALL REINFORCING SHALL BE FREE AND CLEAN OF ALL DIRT, OIL, SCALE, RUST, AND OTHER MATERIALS AND SUBSTANCES THAT MIGHT PREVENT THE COMPLETE BONDING OF THE REINFORCING WITH THE CONCRETE.
- CONCRETE SHALL BE PLANT MIXED, TRANSPORTED, PROPORTIONED, BATCHED AND MIXED IN ACCORDANCE WITH ACI SPECIFICATION ASTM C-94. CEMENT SHALL BE ASTM C150, TYPE II. UP TO 25% FLYASH BY WT. MAY BE SUBSTITUTED FOR CEMENT. CALCIUM CHLORIDE SHALL NOT BE USED. PEA GRAVEL MIXES SHALL NOT BE USED. COARSE AGGREGATE SHALL BE 1" X 4 ASTM C33. CONCRETE SHALL NOT HAVE MORE THAN 34 GALLONS WATER (280 LBS) / CUBIC YARDS. NO ADDITIONAL WATER SHALL BE ADDED IN THE FIELD WITHOUT WRITTEN CONSENT FROM CONCRETE SUPPLIER AND THE ENGINEER. SUBMIT MIX DESIGN, METHOD OF CURING AND JOINTING PROCEDURE TO ENGINEER FOR APPROVAL.
 - FOOTINGS: ACHIEVE A MINIMUM STRENGTH OF 2500 PSI AT 28 DAYS. MINIMUM 5 SACKS CEMENT / CUBIC YARD. PEA GRAVEL MIXES ARE PERMITTED FOR PIERS.
 - SLABS: TEST AT MINIMUM OF 2500 PSI AT 28 DAYS, MINIMUM 5 1/2 SACKS CEMENT / CUBIC YARD. AS AN ALTERNATE PER PLAN, ADD 1 GALLON / CUBIC YARD GRADE "ECLIPSE" SHRINKAGE REDUCER
 - RETAINING WALLS: TEST AT A MINIMUM STRENGTH OF 2500 PSI AT 28 DAYS, MINIMUM 5 1/2 SACKS CEMENT / CUBIC YARD.
- CONCRETE SHALL BE PLACED AS CLOSE TO FINAL RESTING POINT AS POSSIBLE AND NOT ALLOWED TO FREE FALL OR SEPARATE. ALL CONCRETE SHALL BE VIBRATED IN PLACE. CONCRETE SHALL BE CURED BY APPLYING CURING COMPOUND, WET CURE, COVERED WITH CURING BLANKET, OR REMAIN IN FORMS FOR 7 DAYS MINIMUM.
- SHOTCRETE SHALL BE MORTAR OR CONCRETE PNEUMATICALLY PROJECTED AT HIGH VELOCITY ONTO A SURFACE. THE MIX SHALL BE PROPORTIONED, BATCHED AND MIXED IN ACCORDANCE WITH ACI SPECIFICATIONS AND CHAPTER 19 OF THE CBC, AND MIX SHALL BE DESIGNED WITH PRECONSTRUCTION TESTS. SAMPLES FOR PRETESTING MIX SHALL BE PREPARED UNDER THE SUPERVISION OF A TESTING AGENCY THAT WILL BE USED ON THE JOB, WITH SAMPLES SHOT, CURED, AND CORED OR SAWN, EXAMINED, AND TESTED UNDER THEIR COMPLETE SUPERVISION. CALCIUM CHLORIDE SHALL NOT BE USED IN ANY SHOTCRETE.

THE CONCRETE SHALL HAVE MINIMUM PROPORTIONS OF 7 SACKS ASTM C150, TYPE I, CEMENT/CLYD., 3/4 INCH MAXIMUM COARSE ASTM C33 - TABLE 2 AGGREGATES, AND TEST 4,000 PSI AT 28 DAYS.

SHOTCRETE SHALL BE PLACED ON WELL DAMPENED EXISTING CONCRETE. SHOTCRETE SHALL NOT BE ALLOWED TO STAND FOR MORE THAN 30 MINUTES UNLESS ALL EDGES ARE SLOPED TO A THIN EDGE. BEFORE PLACING ADDITIONAL MATERIAL ADJACENT TO PREVIOUSLY APPLIED WORK, SLOPE AND SQUARE EDGES SHALL BE CLEANED AND WETTED. IN-PLACE SHOTCRETE WHICH EXHIBITS SAGS OR SLOUGHS, SEGREGATION, HONEYCOMBING, SAND POCKETS OR OTHER OBVIOUS DEFECTS SHALL BE REMOVED AND REPLACED. SHOTCRETE ABOVE SAGS AND SLOUGHS SHALL BE REMOVED AND REPLACED WHILE STILL PLASTIC. ANY REBOUND OR ACCUMULATED LOOSE AGGREGATE SHALL BE REMOVED FROM THE SURFACES TO BE COVERED PRIOR TO PLACING THE INITIAL OR ANY SUCCEEDING LAYER OF SHOTCRETE. REBOUND SHALL NOT BE REUSED AS AGGREGATE. SHOTCRETE SHALL BE CURED, KEPT CONTINUOUSLY MOIST FOR 24 HOURS AFTER PLACEMENT IS COMPLETE, AND FOLLOWED BY APPLYING CURING COMPOUND, WET CURE, COVERED WITH CURING BLANKET, OR REMAIN IN FORMS FOR 7 DAYS MINIMUM. ANY INDIVIDUAL APPLYING SHOTCRETE MUST BE CERTIFIED AS AN ACI NOZZLEMAN BY THE AMERICAN CONCRETE INSTITUTE AS OUTLINED IN ACI CERTIFICATION PUBLICATION CP-60. SHOTCRETE REBAR LAPS SHOULD BE AVOIDED IF POSSIBLE. REBAR LAPS SHALL HAVE A NON-CONTACT LAP OF 2" OR 3 BAR DIAMETERS BETWEEN LAPPING BARS TO ALLOW FOR PROPER ENCASEMENT PER ACI 506R-90 AND THE CBC. THE LAP LENGTH SHALL BE THE SAME AS CAST IN PLACE CONCRETE.
- STRUCTURAL STEEL W/ SHAPES SHALL CONFORM TO ASTM A992, GRADE 50. PIPE USED STRUCTURALLY SHALL CONFORM TO ASTM A53, GRADE B. STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B. ALL OTHER STRUCTURAL STEEL SHAPES, RODS, ALL THREAD RODS, AND PLATES SHALL CONFORM TO ASTM A36. BOLTS SHALL CONFORM TO ASTM A307
- STEEL FABRICATION AND ERECTION SHALL CONFORM TO AISC SPECIFICATIONS. STRUCTURAL STEEL SHALL BE IDENTIFIED, AND IDENTIFICATION MAINTAINED ON ALL FABRICATED MEMBERS PER SECTION 2203.1 OF THE CODE.
- STEEL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION WHERE LEFT EXPOSED TO WEATHER PER ASTM A123.
- NON-SHRINK GROUT, AS CALLED FOR IN THE PLANS, SHALL BE A PRE-MIXED, READY-TO-USE NON-SHRINK, NON-METALLIC, FLOWABLE OR DRY PACK, AND HAVING A MINIMUM COMPRESSIVE STRENGTH OF 10,000 PSI AT 28 DAYS.
- EXPANSION ANCHORS: HILTI KWIK BOLT TZ ANCHORS (ICC ESR 1917) OR ICC EQUIVALENT AFTER WRITTEN APPROVAL FROM THE ENGINEER. INSTALL ANCHORS IN STRICT CONFORMANCE WITH THE MANUFACTURER'S DIRECTIONS AND ICC REPORT.
- SUBMIT SHOP DRAWINGS DEPICTING IN DRAWING FORM THE COMPOSITION, DESIGN, AND SIZES OF ALL MEMBERS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AS FOLLOWS:

CONCRETE MIXES	1 WEEK
CANOPY	2 WEEKS
SLOT/TENCH DRAIN	1 WEEK
- PLUMBING INSTALLATION SHALL BE ON A DESIGN-BUILD BASIS.



OVERALL SITE MAP
Scale 1/64" = 1'-0"

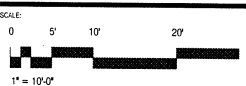
PARKING CALCULATION	
OFFICE SPACES REQUIRED =	27,985/250 = 112
WAREHOUSE SPACES REQUIRED =	30,338/1000 = 31
TOTAL SPACES REQUIRED =	112 + 31 = 143 TOTAL SPACES
PROVIDED =	207 SPACES
ADEQUATE PARKING AVAILABLE	

INDEX OF DRAWINGS	
A-1-A	PROJECT NOTES, OVERALL SITE MAP, ELEVATION
S-1-A	NEW TRUCK DOCK PLANS
S-2-A	NEW STEEL CANOPY PLAN
S-3-A	BUILDING DETAILS
G-1	GRADING PLAN

LEGEND	
(N)	= NEW
(E)	= EXISTING
DI	= DRAIN INLET
ME	= MATCH EXISTING GRADE
SOMH	= SEWER DRAIN MAN HOLE
TOW	= TOP OF WALL
TOS	= TOP OF SURFACE
O.C.	= ON CENTER
E.W.	= EACH WAY
T&B	= TOP AND BOTTOM
12.5'	= BUILDING "C" ASSUMED ARBITRARY BENCHMARK

- | SCOPE OF WORK | |
|---------------|--|
| 1. | CONSTRUCT (N) TRUCK DOCK PIT THAT DRAINS VIA EXISTING SEWER DRAIN LINE. |
| 2. | CONSTRUCT STEEL CANOPY OVER TRUCKLOADING AREA |
| 3. | RECONFIGURE MINOR LANDSCAPE AREAS TO ACHIEVE REQUIRED TRUCK TURNING RADII. |
| 4. | PROVIDE STORM DRAINAGE IMPROVEMENTS |

SITE MAP PROJECT NOTES ELEVATION



DATE: 10/14/10
DESCRIPTION: ISSUE FOR CONSTRUCTION
10/25/10 REVISED PERMIT, SHORTENED DOCK

A-1.A

PROJECT NO: 24574
CAD FILE: 2450024574/24574S1
PLOT DATE: 10/25/10

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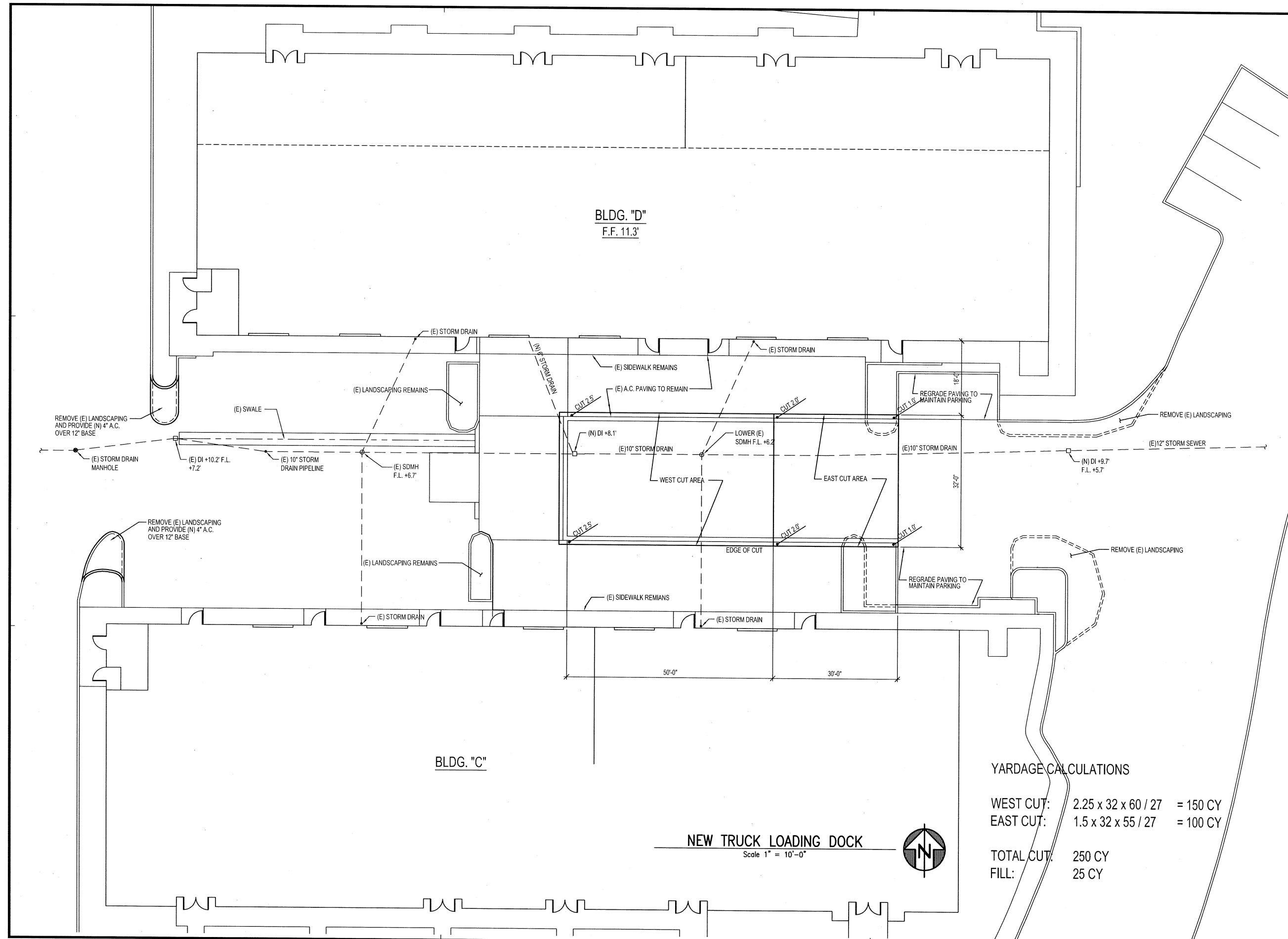
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PROJECT NAME:

Truck Dock Addition
Building C & D
Malaytex USA Inc.

818 SAN PABLO AVENUE
PINOLE, CALIFORNIA



YARDAGE CALCULATIONS

WEST CUT: $2.25 \times 32 \times 60 / 27 = 150 \text{ CY}$
 EAST CUT: $1.5 \times 32 \times 55 / 27 = 100 \text{ CY}$
 TOTAL CUT: 250 CY
 FILL: 25 CY

NEW TRUCK LOADING DOCK
Scale 1" = 10'-0"



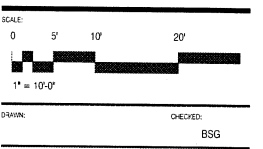
DATE ISSUED:

DATE	DESCRIPTION
10.21/10	PLAN CHECK #1
10.25/10	REVISED PERMIT, SHORTENED DOCK

REVISIONS:

NO.	DATE	DESCRIPTION
△		
△		
△		

GRADING PLAN



SHEET NO.: **G-1**

PROJECT NO.: 24574

COPY FILE: 24500/24574/24574S1 PLOT DATE: 10/25/10

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Building C & D
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PINOLE, CALIFORNIA

DATE:

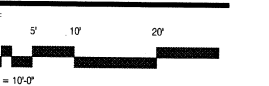
DATE	DESCRIPTION
10/14/10	ISSUE FOR CONSTRUCTION
10/25/10	REVISED PERMIT, SHORTENED DOCK

REVISIONS:

NO.	DATE	DESCRIPTION
1		
2		
3		
4		

DRAWING TITLE:

DEPRESSED TRUCK LOADING DOCK



DRAWN: _____ CHECKED: BSG

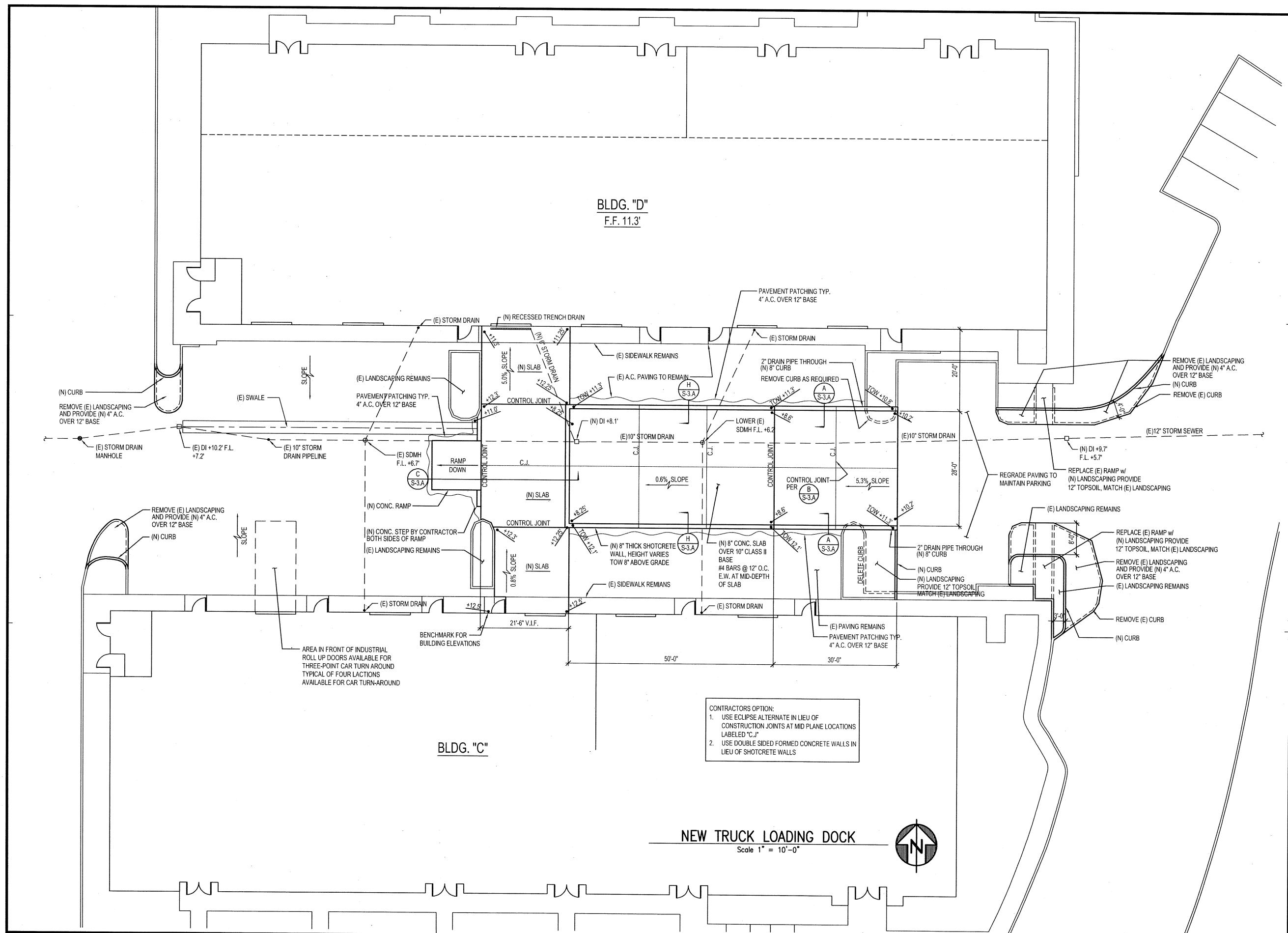
SHEET NO.:

S-1.A

PROJECT NO. 24574

CAD FILE: 24500/24574/24574S1 PLOT DATE: 10/25/10

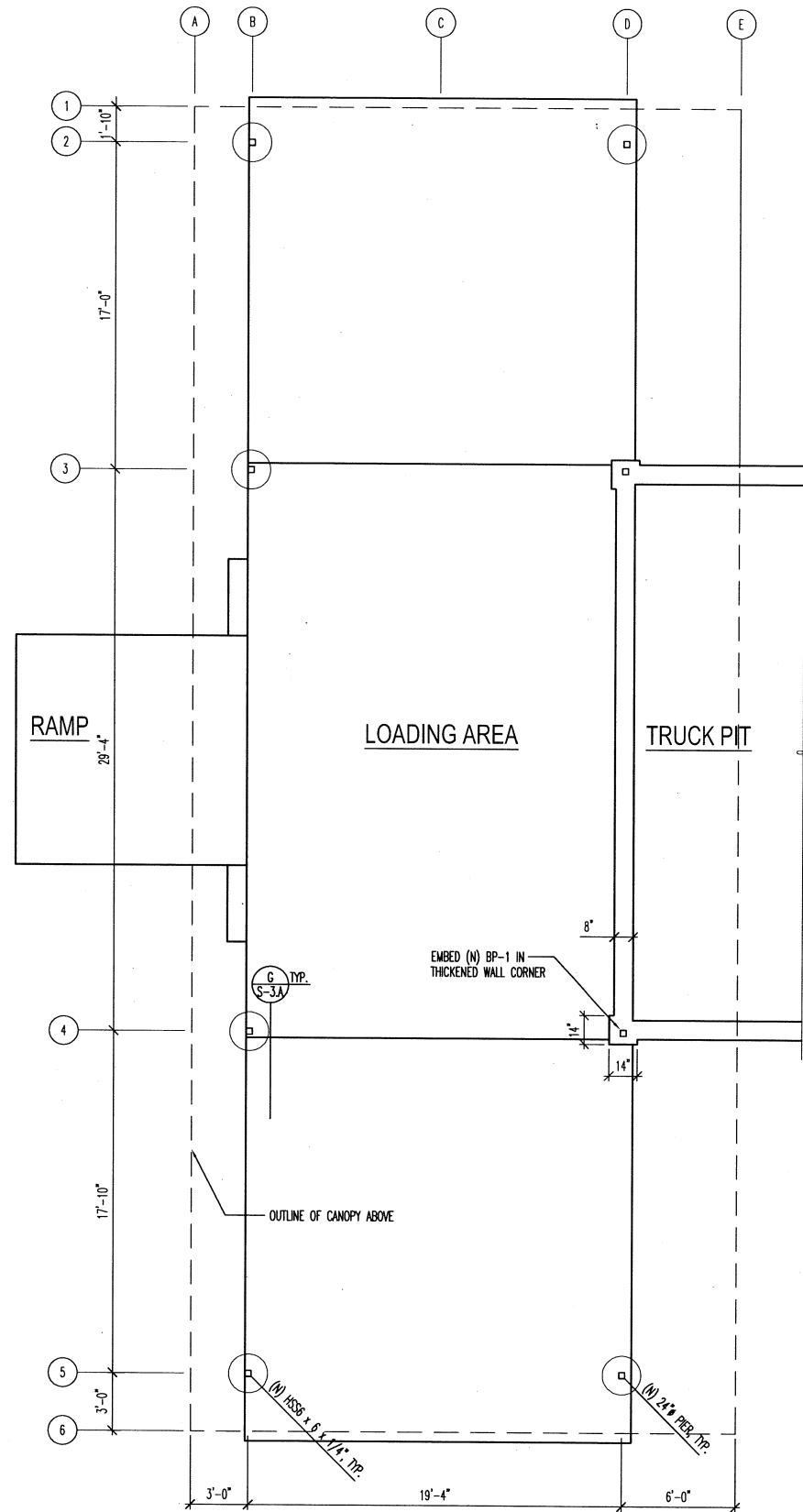
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CONTRACTORS OPTION:
1. USE ECLIPSE ALTERNATE IN LIEU OF CONSTRUCTION JOINTS AT MID PLANE LOCATIONS LABELED 'C.J.'
2. USE DOUBLE SIDED FORMED CONCRETE WALLS IN LIEU OF SHOTCRETE WALLS

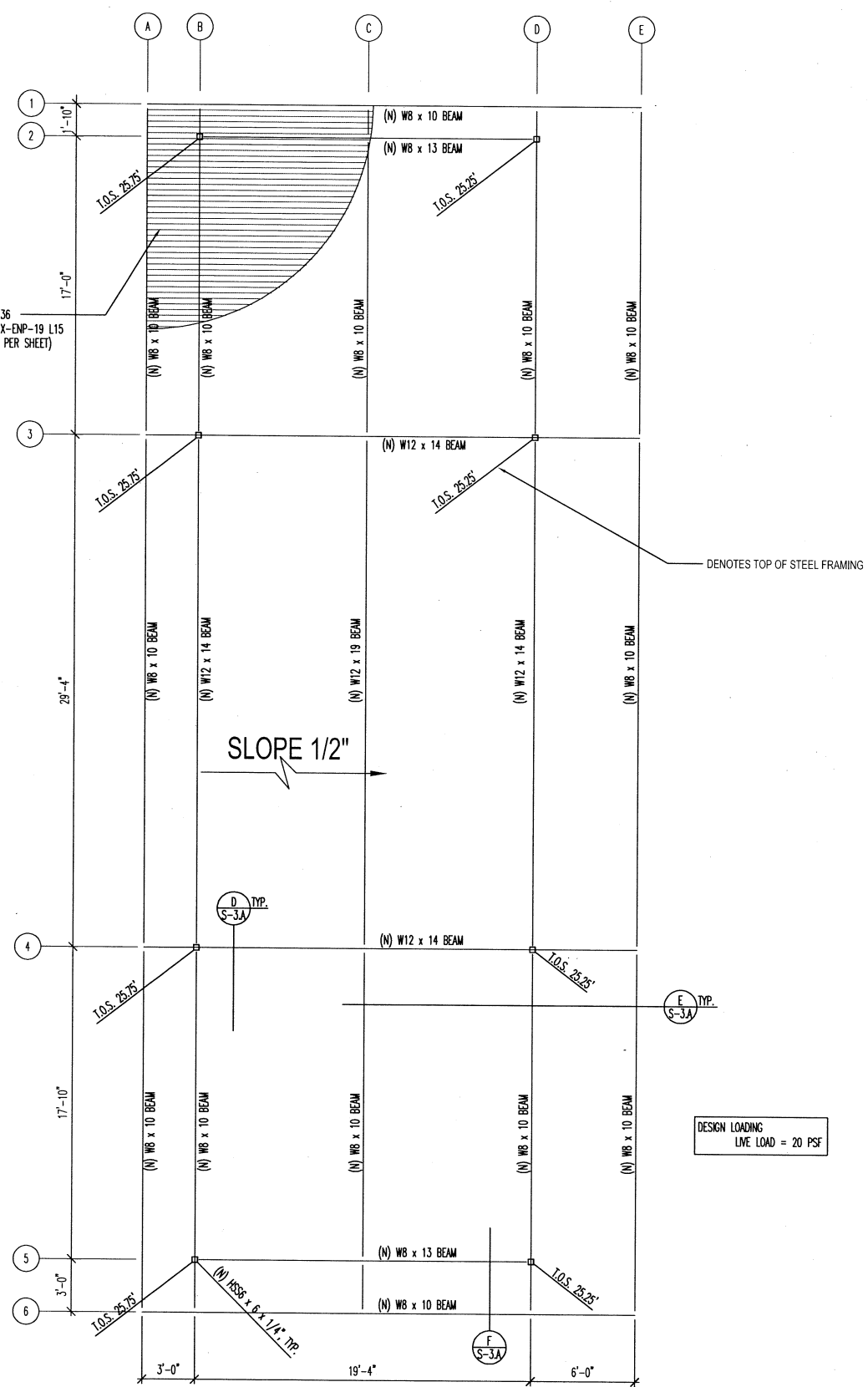
NEW TRUCK LOADING DOCK
Scale 1" = 10'-0"





STEEL CANOPY FOUNDATION PLAN
Scale 1/4" = 1'-0"

(N) 18 GA. VERCO PLB-36/H58-36
FASTEN TO SUPPORTS WITH HILTI X-ENP-19 L15
POWDER ACTIVATED FASTENERS (7 PER SHEET)
2 SPANS MIN EACH SHEET.



STEEL CANOPY ROOF FRAMING PLAN
Scale 1/4" = 1'-0"



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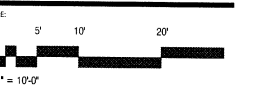
DATE ISSUED:

DATE	DESCRIPTION
10/14/10	ISSUE FOR CONSTRUCTION
10/25/10	REVISED PERMIT, SHORTENED DOCK

REVISIONS:

NO.	DATE	DESCRIPTION
△		
△		
△		
△		

STEEL CANOPY
FOUNDATION PLAN
& ROOF FRAMING
PLAN



DESIGNED BY: BSG
CHECKED BY: BSG

S-2.A

PROJECT NO.: 24574

CAD FILE: 245002457424574S1
PLOT DATE: 10/25/10

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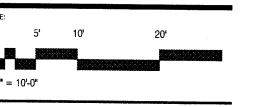
STAMP:

DATE	DESCRIPTION
10/14/10	ISSUE FOR CONSTRUCTION
10/25/10	REVISED PERMIT, SHORTENED DOCK

NO.	DATE	DESCRIPTION

DRAWING TITLE:

**DEPRESSED TRUCK
LOADING DOCK
DETAILS & SECTIONS**



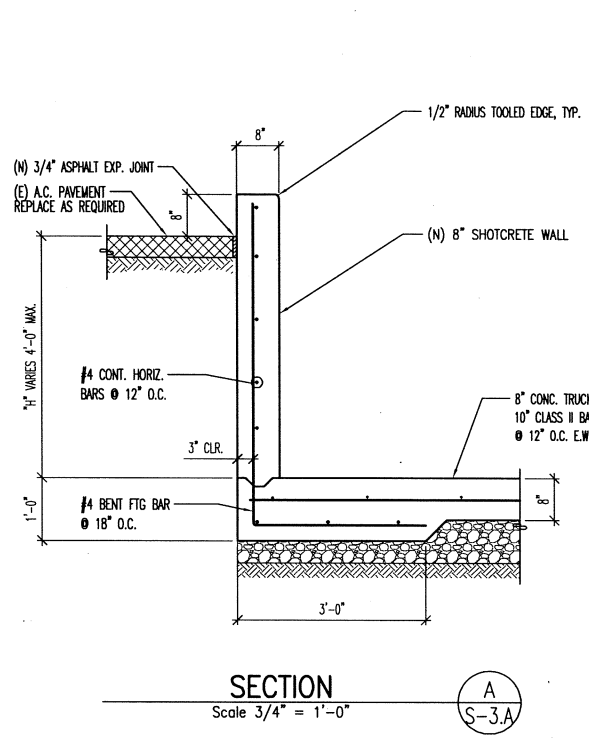
DRAWN: BSG
CHECKED: BSG

S-3.A

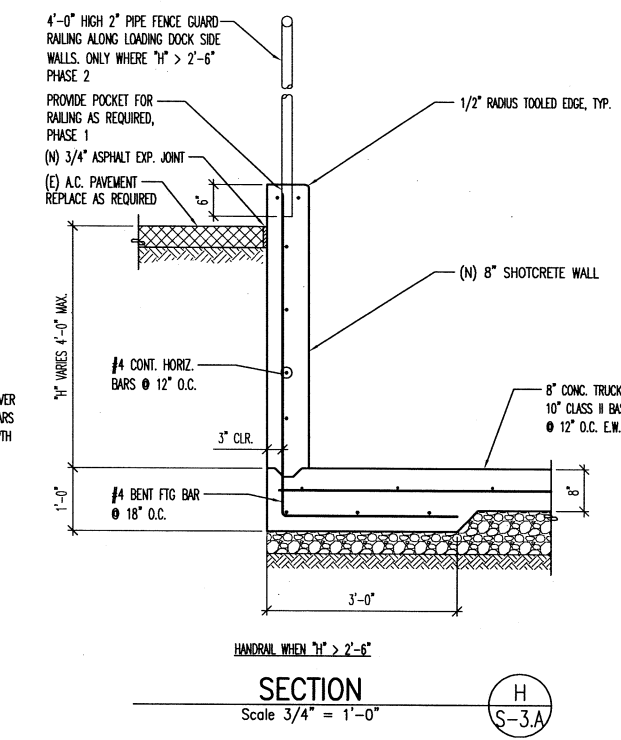
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PLOT DATE: 10/25/10

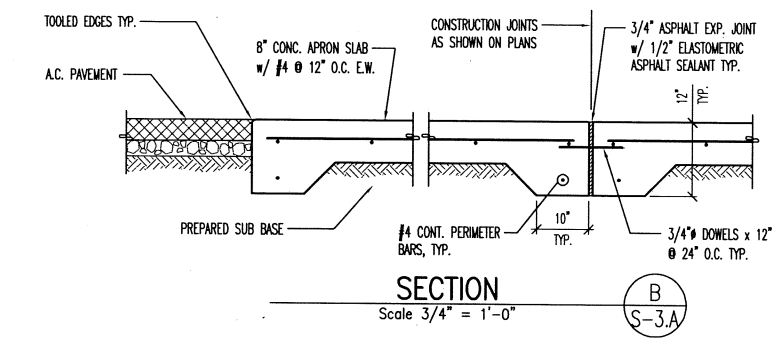
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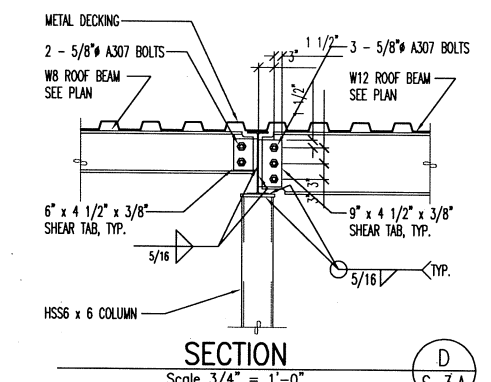
SECTION A
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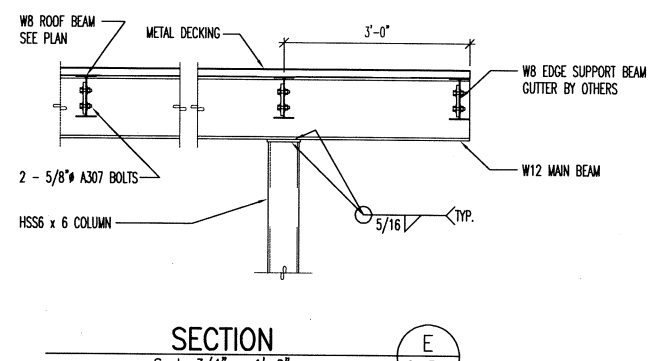
SECTION H
Scale 3/4" = 1'-0"



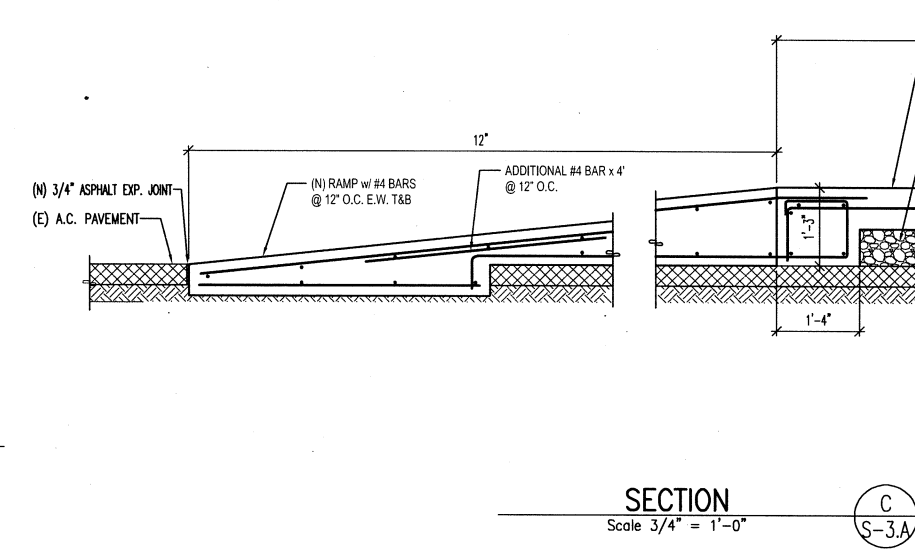
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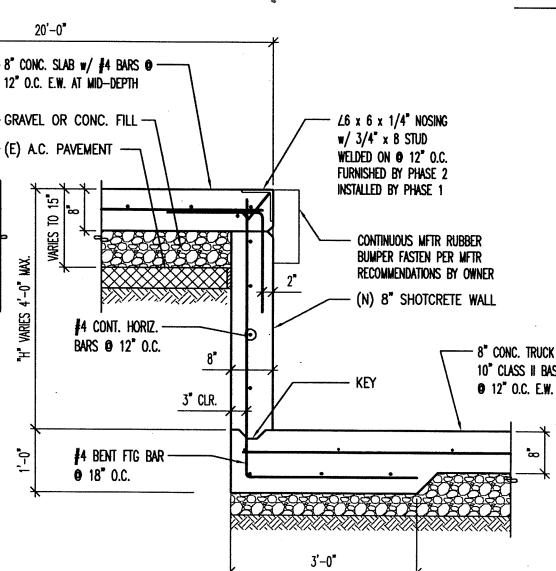
SECTION D
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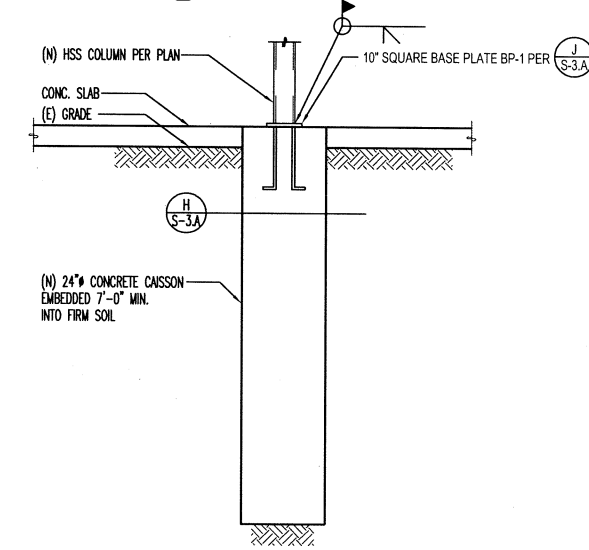
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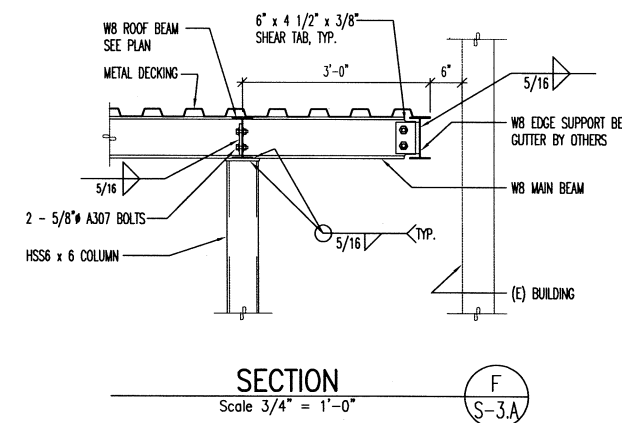
SECTION C
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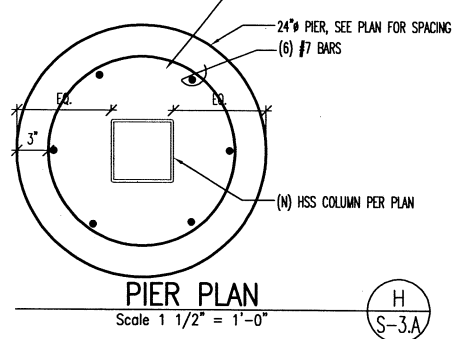
SECTION G
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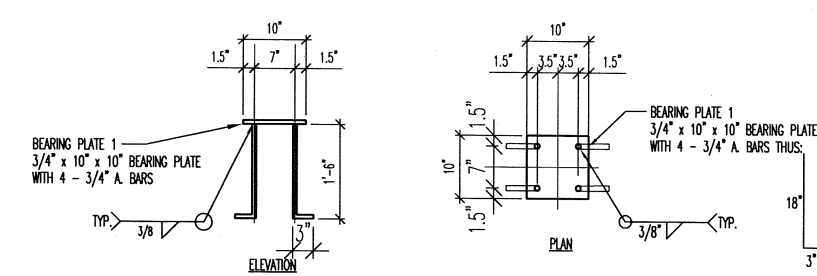
BP-1 (8)
Scale 3/4" = 1'-0"



SECTION F
Scale 3/4" = 1'-0"



PIER PLAN H
Scale 1 1/2" = 1'-0"



BEARING PLATE 1
Scale 3/4" = 1'-0"