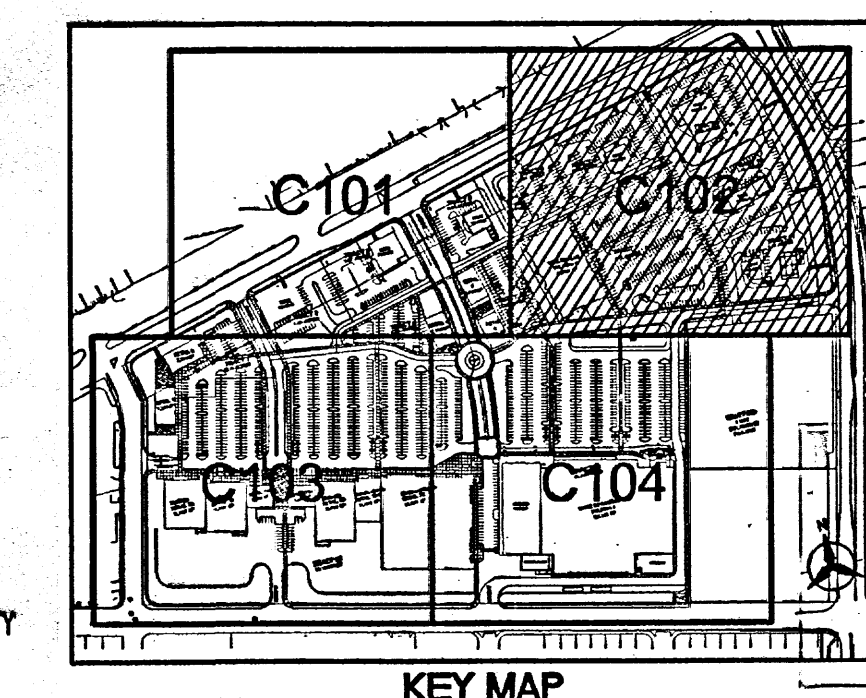
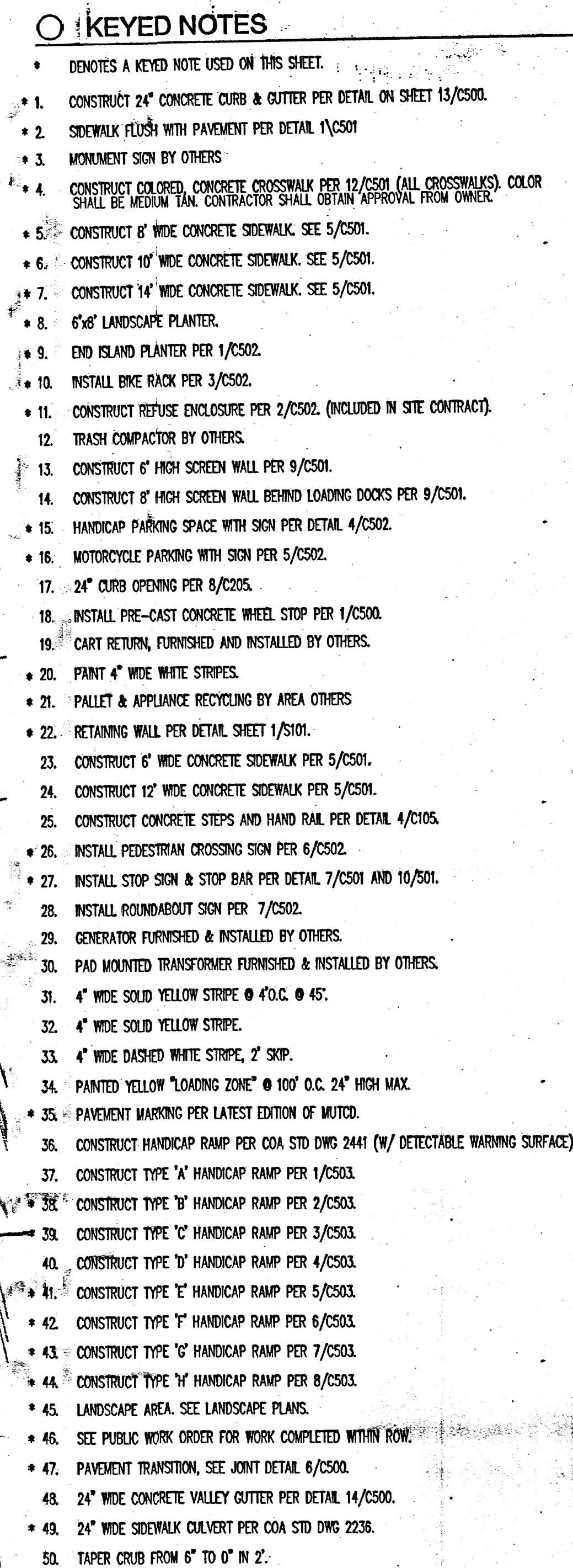
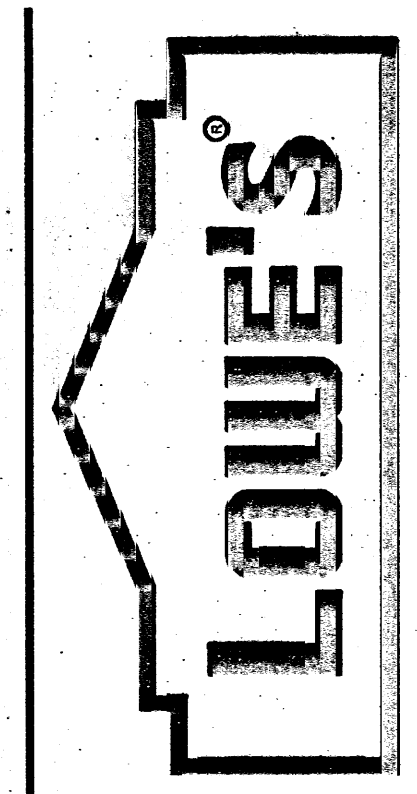


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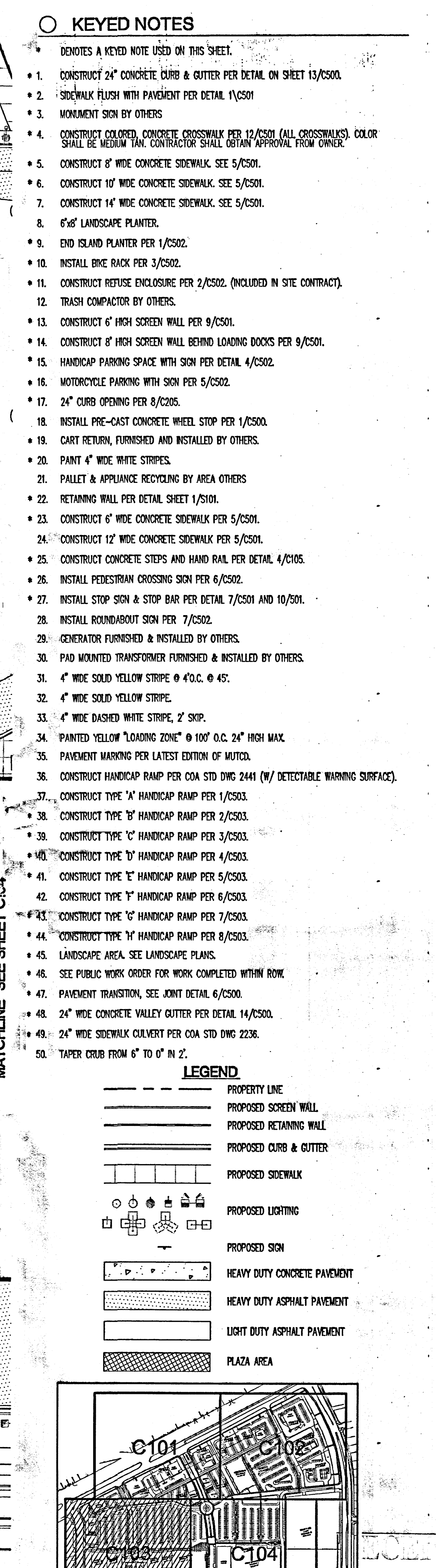
 **ARMSTRONG
DEVELOPMENT**
PROPERTIES, INC.

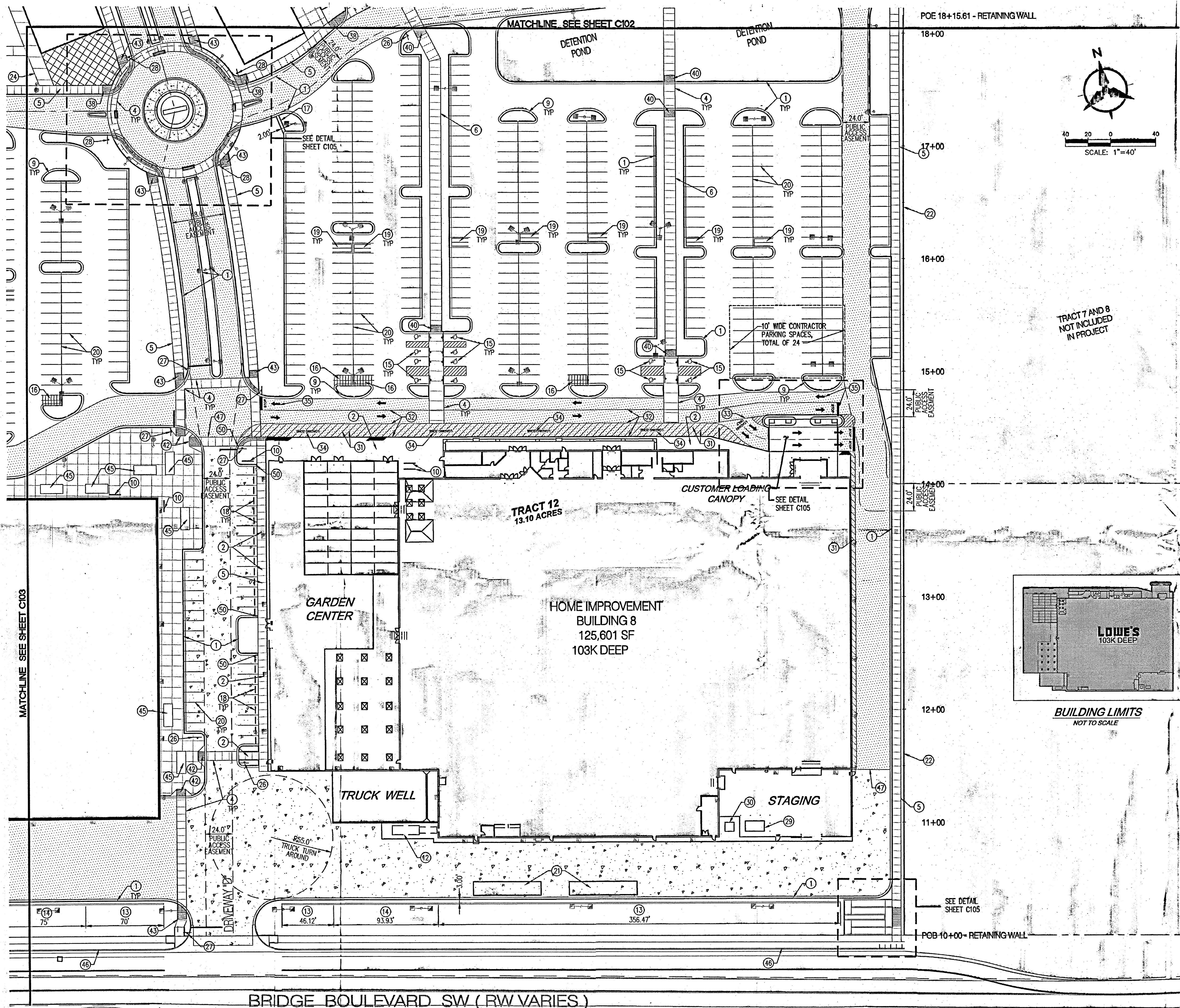
LOWE'S HOME CENTERS, INC.
1605 CURTIS BRIDGE ROAD
REEC DOCK
WILKESBORO, NC 28697

336.658.4000(V) 336.658.3257(F)



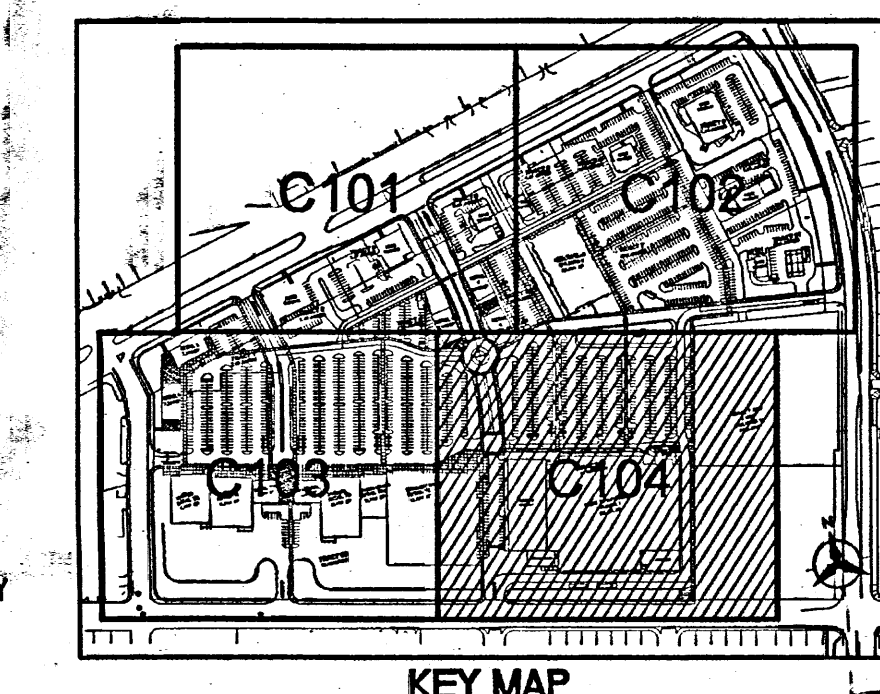
UNSER CROSSING
SITE PLAN
LOWE'S OF:
SW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO
CRITERIA
ISSUE DATE: 10.27.08
PERMIT SET
ISSUE DATE:
CONSTRUCTION
SET ISSUE DATE:
DRAWING NUMBER:
C102

[illegible]



- ### KEYED NOTES
- 1. CONSTRUCT 24" CONCRETE CURB & GUTTER PER DETAIL ON SHEET 13/C500.
 - 2. SIDEWALK FLUSH WITH PAVEMENT PER DETAIL 1/C501.
 - 3. MONUMENT SIGN BY OTHERS.
 - 4. CONSTRUCT COLORED CONCRETE CROSSWALK PER 12/C501 (ALL CROSSWALKS). COLOR SHALL BE MEDIUM TAN. CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER.
 - 5. CONSTRUCT 8" WIDE CONCRETE SIDEWALK. SEE 5/C501.
 - 6. CONSTRUCT 10" WIDE CONCRETE SIDEWALK. SEE 5/C501.
 - 7. CONSTRUCT 14" WIDE CONCRETE SIDEWALK. SEE 5/C501.
 - 8. 6"x6" LANDSCAPE PLANTER.
 - 9. END ISLAND PLANTER PER 1/C502.
 - 10. INSTALL BIKE RACK PER 3/C502.
 - 11. CONSTRUCT REFUSE ENCLOSURE PER 2/C502. (INCLUDED IN SITE CONTRACT).
 - 12. TRASH COMPACTOR BY OTHERS.
 - 13. CONSTRUCT 6" HIGH SCREEN WALL PER 9/C501.
 - 14. CONSTRUCT 8" HIGH SCREEN WALL BEHIND LOADING DOCKS PER 9/C501.
 - 15. HANDICAP PARKING SPACE WITH SIGN PER DETAIL 4/C502.
 - 16. MOTORCYCLE PARKING WITH SIGN PER 5/C502.
 - 17. 24" CURB OPENING PER 8/C505.
 - 18. INSTALL PRE-CAST CONCRETE WHEEL STOP PER 1/C500.
 - 19. CART RETURN, FURNISHED AND INSTALLED BY OTHERS.
 - 20. PAINT 4" WIDE WHITE STRIPES.
 - 21. PALLET & APPLIANCE RECYCLING BY AREA OTHERS.
 - 22. RETAINING WALL PER DETAIL SHEET 1/S101.
 - 23. CONSTRUCT 6" WIDE CONCRETE SIDEWALK PER 5/C501.
 - 24. CONSTRUCT 12" WIDE CONCRETE SIDEWALK PER 5/C501.
 - 25. CONSTRUCT CONCRETE STEPS AND HAND RAIL PER DETAIL 4/C105.
 - 26. INSTALL PEDESTRIAN CROSSING SIGN PER 6/C502.
 - 27. INSTALL STOP SIGN & STOP BAR PER DETAIL 7/C501 AND 10/S01.
 - 28. INSTALL ROUNDABOUT SIGN PER 7/C502.
 - 29. GENERATOR FURNISHED & INSTALLED BY OTHERS.
 - 30. PAD MOUNTED TRANSFORMER FURNISHED & INSTALLED BY OTHERS.
 - 31. 4" WIDE SOLID YELLOW STRIPE @ 4" O.C. @ 45°.
 - 32. 4" WIDE SOLID YELLOW STRIPE.
 - 33. 4" WIDE DASHED WHITE STRIPE, 2' SKIP.
 - 34. PAINTED YELLOW "LOADING ZONE" @ 100' O.C. 24" HIGH MAX.
 - 35. PAVEMENT MARKING PER LATEST EDITION OF MUTCD.
 - 36. CONSTRUCT HANDICAP RAMP PER COA STD DWG 2441 (W/ DETECTABLE WARNING SURFACE).
 - 37. CONSTRUCT TYPE 'A' HANDICAP RAMP PER 1/C503.
 - 38. CONSTRUCT TYPE 'B' HANDICAP RAMP PER 2/C503.
 - 39. CONSTRUCT TYPE 'C' HANDICAP RAMP PER 3/C503.
 - 40. CONSTRUCT TYPE 'D' HANDICAP RAMP PER 4/C503.
 - 41. CONSTRUCT TYPE 'E' HANDICAP RAMP PER 5/C503.
 - 42. CONSTRUCT TYPE 'F' HANDICAP RAMP PER 6/C503.
 - 43. CONSTRUCT TYPE 'G' HANDICAP RAMP PER 7/C503.
 - 44. CONSTRUCT TYPE 'H' HANDICAP RAMP PER 8/C503.
 - 45. LANDSCAPE AREA. SEE LANDSCAPE PLANS.
 - 46. SEE PUBLIC WORK ORDER FOR WORK COMPLETED WITHIN ROW.
 - 47. PAVEMENT TRANSITION, SEE JOINT DETAIL 6/C500.
 - 48. 24" WIDE CONCRETE VALLEY GUTTER PER DETAIL 14/C500.
 - 49. 24" WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
 - 50. TAPER CURB FROM 6" TO 0" IN 2'.

- ### LEGEND
- PROPERTY LINE
 - PROPOSED SCREEN WALL
 - PROPOSED RETAINING WALL
 - PROPOSED CURB & GUTTER
 - PROPOSED SIDEWALK
 - PROPOSED LIGHTING
 - PROPOSED SIGN
 - HEAVY DUTY CONCRETE PAVEMENT
 - HEAVY DUTY ASPHALT PAVEMENT
 - LIGHT DUTY ASPHALT PAVEMENT
 - PLAZA AREA



REVISIONS	
DATE	DESCRIPTION

Bohannon & Huston, Inc.
 PROFESSIONAL ENGINEER
 License No. 14523
 State of New Mexico

ARMSTRONG DEVELOPMENT
 PROPERTIES, INC.

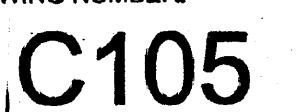
LOWE'S HOME CENTERS, INC.
 1605 CURTIS BRIDGE ROAD
 REEC DOCK
 WILKESBORO, NC 28697
 336.658.4000(V) 336.658.3257(F)

LOWE'S

UNSER CROSSING
 SITE PLAN
 LOWE'S OF:
SW ALBUQUERQUE
 ALBUQUERQUE, NEW MEXICO
 PROJECT No. 080289 DRAWN BY: RML CHECKED BY: BUS

CRITERIA
 ISSUE DATE: 10.27.08
 PERMIT SET
 ISSUE DATE:
 CONSTRUCTION
 SET ISSUE DATE:
 DRAWING NUMBER:

C104



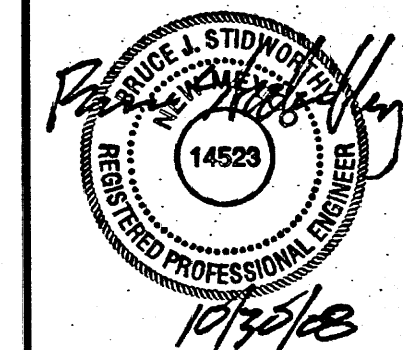


1. MANHOLES SHALL BE BUILT PER COA STD. DWG 2102 (TYPE "E") AND 2101 (TYPE "C").
2. ALL STORM DRAIN STUB-OUTS LABELED AS "CAPS" ABOVE SHALL BE PROVIDED WITH TEMPORARY PLUGS & IDENTIFYING MARKERS FOR FUTURE LOCATING.
3. ALL TYPE "A", "Double A" and TYPE "C" INLETS SHALL BE MODIFIED FROM THE COA STD DRAWINGS AS REQUIRED FOR A 6" CURB HEIGHT.
4. STRUCTURES IDENTIFIED AS TEE'S SHALL BE CONSTRUCTED FROM A PRE-MANUFACTURED TEE AND INSTALLED IN ACCORDANCE TO MANUFACTURERS RECOMMENDATIONS OR WITH "INSERTA-TEE" BY ADS OR APPROVED EQUAL.
5. COA TYPE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH STANDARD 2'x2' (221.3 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).
6. COA TYPE "D" INLETS PER COA STD DWG 2206 MAY BE SUBSTITUTED WITH NYOPLAST ROAD AND HIGHWAY DRAINAGE INLET STRUCTURE WITH 2'x3' STEEL BAR GRATE (261.2 SQ. IN. APPROXIMATE DRAIN AREA) H-25 RATED GRATE (OR APPROVED EQUAL).
7. COA TYPE DOUBLE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH 2-STANDARD 2'x2' (442.6 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).



1. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5098.25
2. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
3. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5095.50
4. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.25
5. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
6. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.75
7. INSTALL 10'x10' RIP RAP BLANKET PER DETAIL 6, SHEET C205.
8. INSTALL CURB OPENING PER DETAIL 8, SHEET C205.
9. INSTALL 4' CURB CUT WITH CONCRETE ROUNDOFF PER DETAIL 5, SHEET C205.
10. INSTALL 24" SIDEWALK CULVERT PER COA STD DWG 2236.
11. SEE NOTE 4 UNDER STRUCTURE TABLE NOTES FOR CONNECTION TO MAIN. CONTRACTOR SHALL CONFIRM ROOF DRAIN TIE IN LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION.
12. WATER HARVESTING ISLAND PER DETAIL 8, SHEET C502.
13. INSTALL CURB CUT PER DETAIL 7, SHEET C205.
14. INSTALL ORIFICE PLATE IN SD MANHOLE AT 48" SD OPENING. SEE DETAIL 3, SHEET C205.
15. INSTALL ORIFICE PLATE IN SD AREA INLET AT 30" SD OPENING. SEE DETAIL 4, SHEET C205.

Structure Table					
Structure Name	Structure Type	Northing	Easting	Rim\Grate	Invert
CAP 7	SD Cap	1483641.56	1498528.26		INV OUT=5090.
IN 18	COA Type "C" SD Inlet	1483534.05	1498299.27	5100.43	INV IN=5093.70 INV OUT=5093.
IN 20	COA Type "C" SD Inlet	1483564.85	1498414.07	5098.76	INV IN=5091.18 INV OUT=5091.
SDMH 11	COA Type "E" SD Manhole	1483598.14	1498540.11	5096.89	INV IN (W)=5088. INV IN (E)=5088. INV IN (N)=5090. INV OUT=5089.8
IN 17	COA Type "D" SD Inlet	1483479.03	1498300.41	5098.00	INV OUT=5094.
IN 19	COA Type "C" SD Inlet	1483434.76	1498393.22	5097.10	INV OUT=5093.
SDMH 10	COA Type "E" SD Manhole	1483550.89	1498362.06	5099.43	INV IN (W)=5090. INV IN (S)=5091. INV OUT=5091.

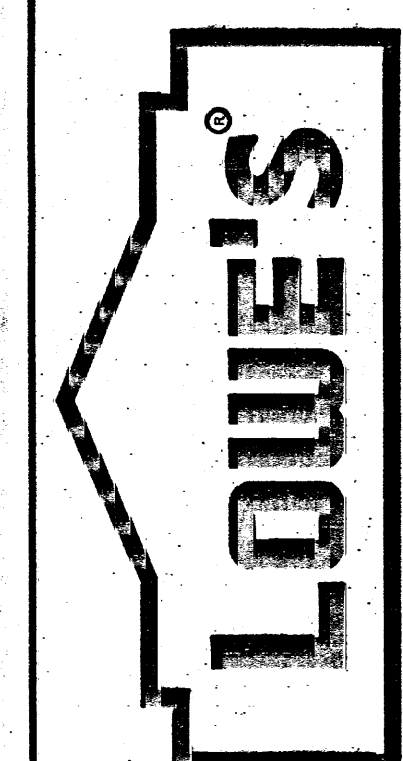


Bohannon & Huston



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WILKESBORO, NC 28697
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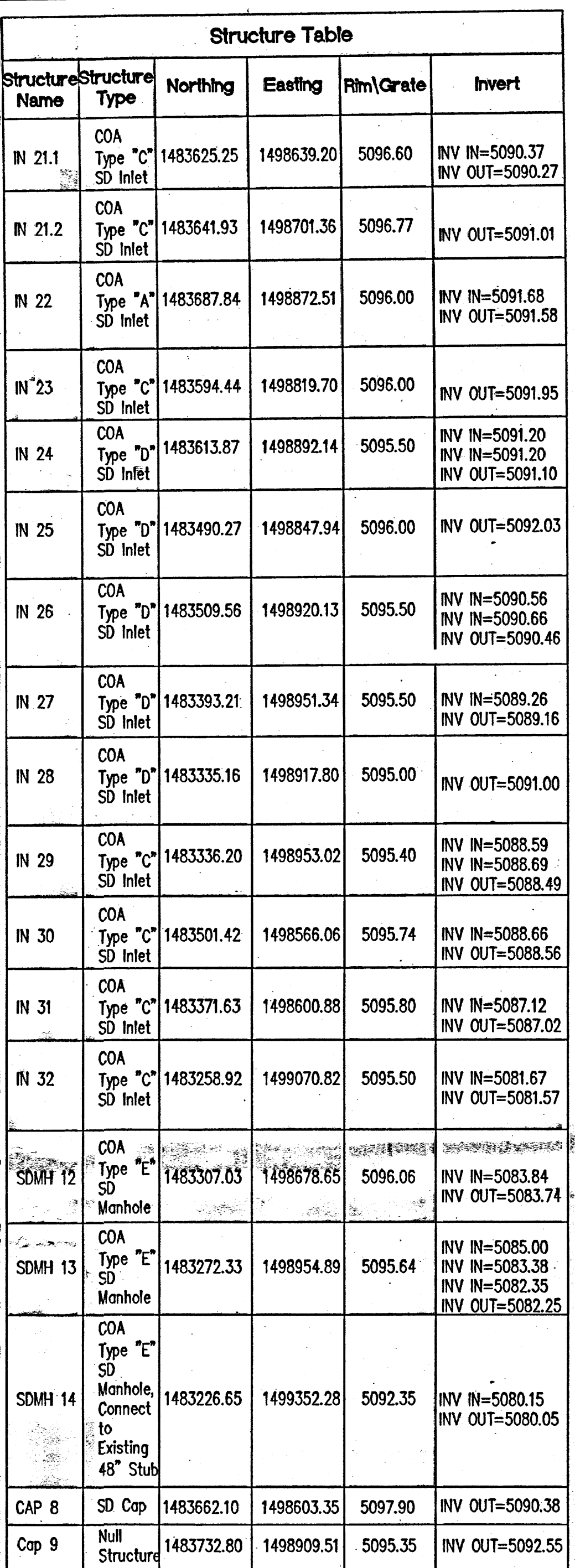
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GRADING & DRAINAGE PLAN**

**LOWE'S OF:
SW ALBUQUERQUE**

ALBUQUERQUE, NEW MEXICO

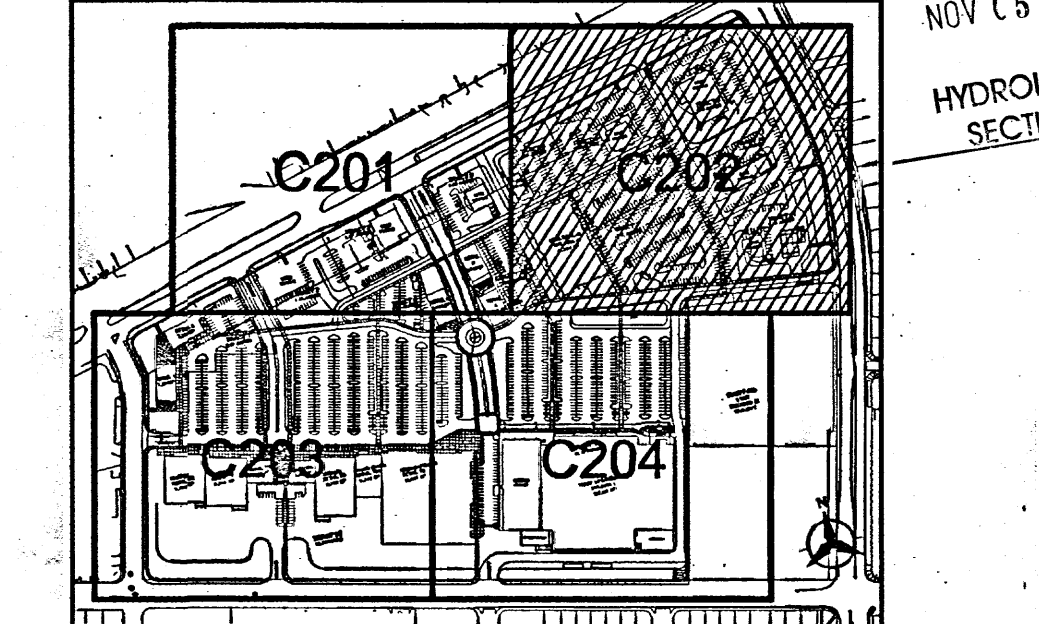
CRITERIA	10.27.08
ISSUE DATE:	
PERMIT SET	
ISSUE DATE:	
CONSTRUCTION	
SET ISSUE DATE:	
DRAWING NUMBER:	

C201



STRUCTURE TABLE NOTES

1. MANHOLES SHALL BE BUILT PER COA STD. DWG 2102 (TYPE "E") AND 2101 (TYPE "A").
2. ALL STORM DRAIN STUB-OUTS LABELED AS "CAPS" ABOVE SHALL BE PROVIDED WITH TEMPORARY PLUGS & IDENTIFYING MARKERS FOR FUTURE LOCATING.
3. ALL TYPE "A", "Double A" and Type "C" INLETS SHALL BE MODIFIED FROM THE COA DRAWINGS AS REQUIRED FOR A 6" CURB HEIGHT.
4. STRUCTURES IDENTIFIED AS TEE'S SHALL BE CONSTRUCTED FROM A PRE-MANUFACTURED TEE AND INSTALLED IN ACCORDANCE TO MANUFACTURERS RECOMMENDATIONS OR WITH "INSERTA-TEE" BY ADS OR APPROVED EQUAL.
5. COA TYPE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH STANDARD 2'X2' (221.3 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).
6. COA TYPE "B" INLETS PER COA STD DWG 2206 MAY BE SUBSTITUTED WITH NYOPLAST ROAD AND HIGHWAY DRAINAGE INLET STRUCTURE WITH 2'X3' STEEL BAR GRATE (261.2 SQ. IN. APPROXIMATE DRAIN AREA) H-25 RATED GRATE (OR APPROVED EQUAL).
7. COA TYPE DOUBLE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH 2-STANDARD 2'X2' (442.6 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).

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**ARMSTRONG
DEVELOPMENT
PROPERTIES, INC.**

LOWE'S HOME CENTERS, INC.
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REEC DOCK
WILKESBORO, NC 28697
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UNSER CROSSING
GRADING & DRAINAGE PLAN

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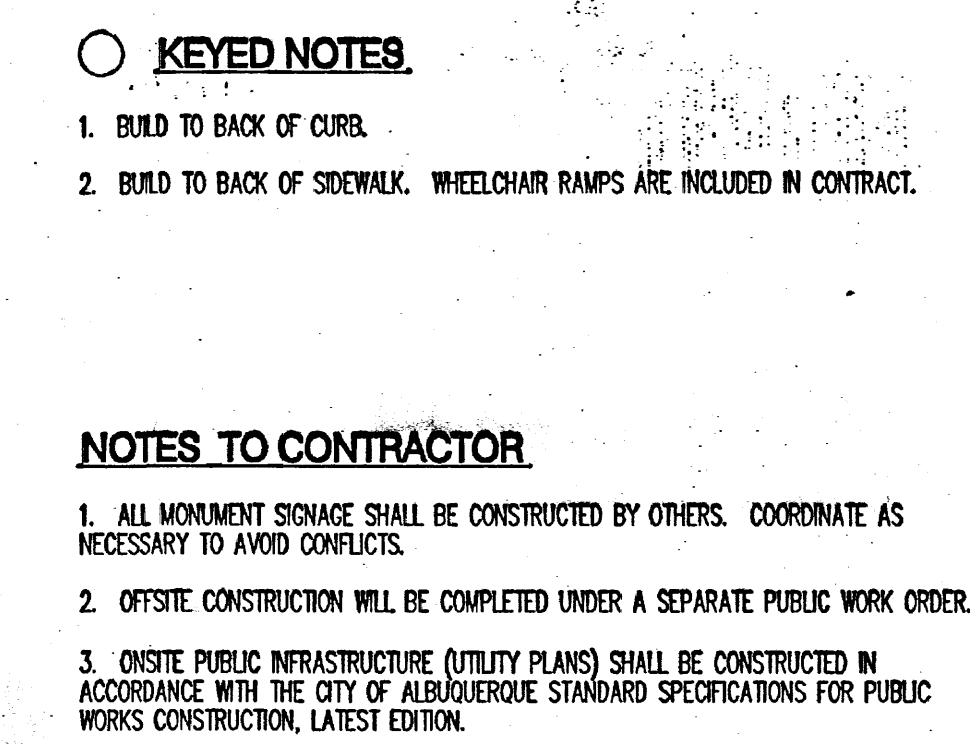
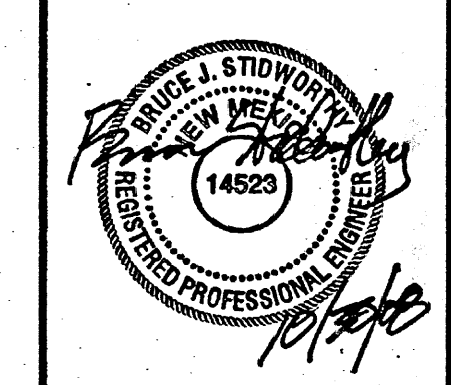
SW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

CRITERIA
ISSUE DATE: 10.27.08

PERMIT SET
ISSUE DATE:

CONSTRUCTION
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DRAWING NUMBER:
C202

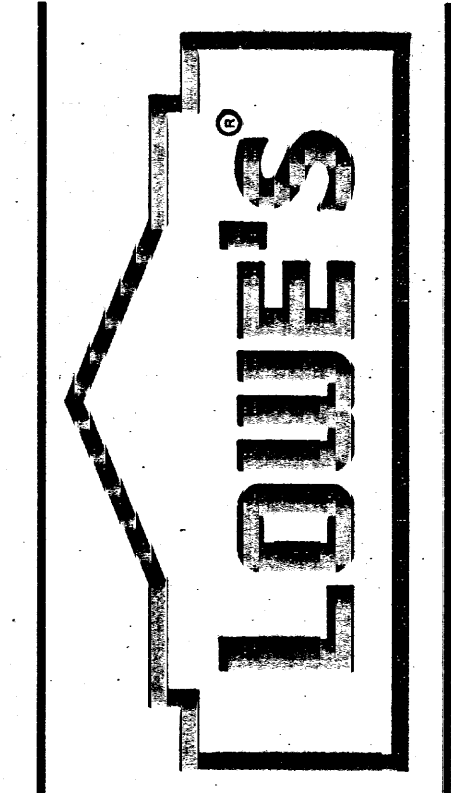
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Bohannon ▲ Huston
 17500 Jefferson St. NE Albuquerque, NM 87106-4353
 COURTYARD 1 7500 JEFFERSON ST. NE ALBUQUERQUE, NM 87106-4353
 ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES



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LIMITS OF CONSTRUCTION

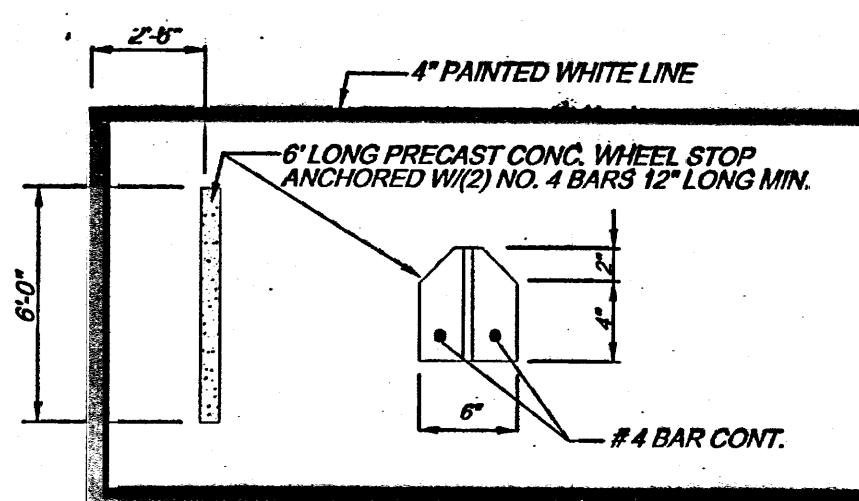
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SW ALBUQUERQUE

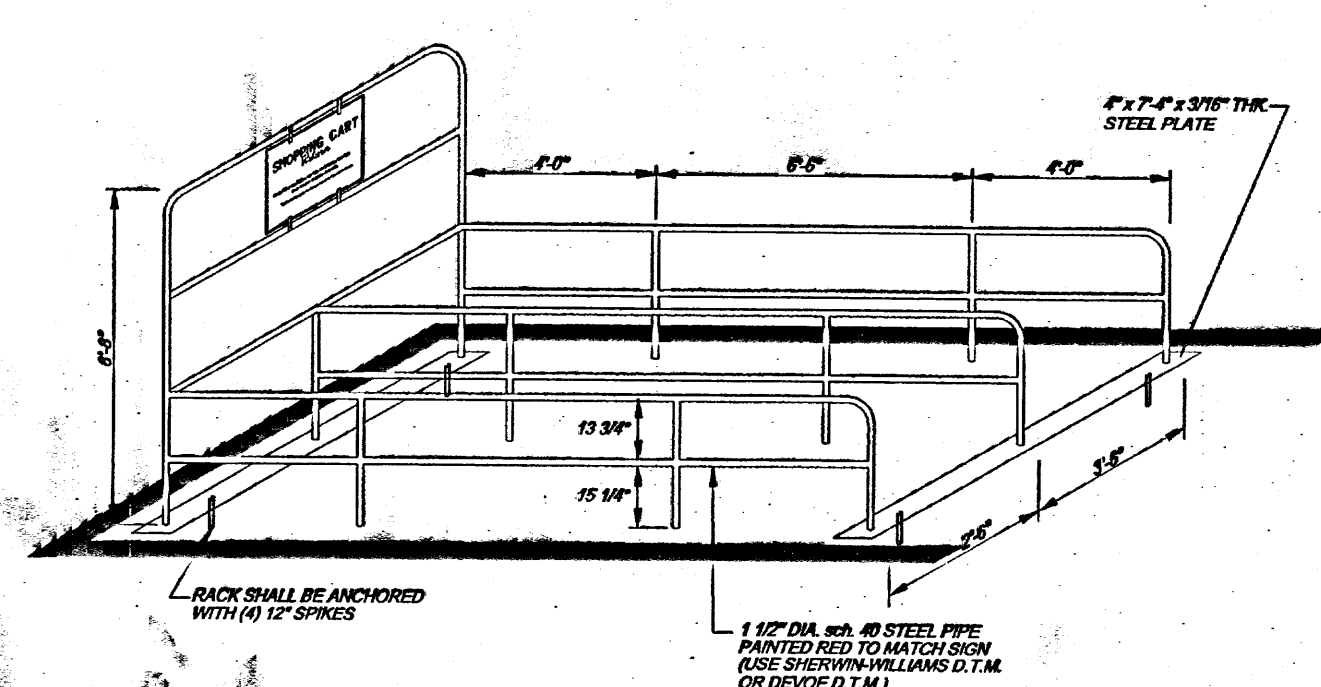
ALBUQUERQUE, NEW MEXICO

PROJECT NO. 080289 DRAWN BY: RML CHECKED BY: SJS

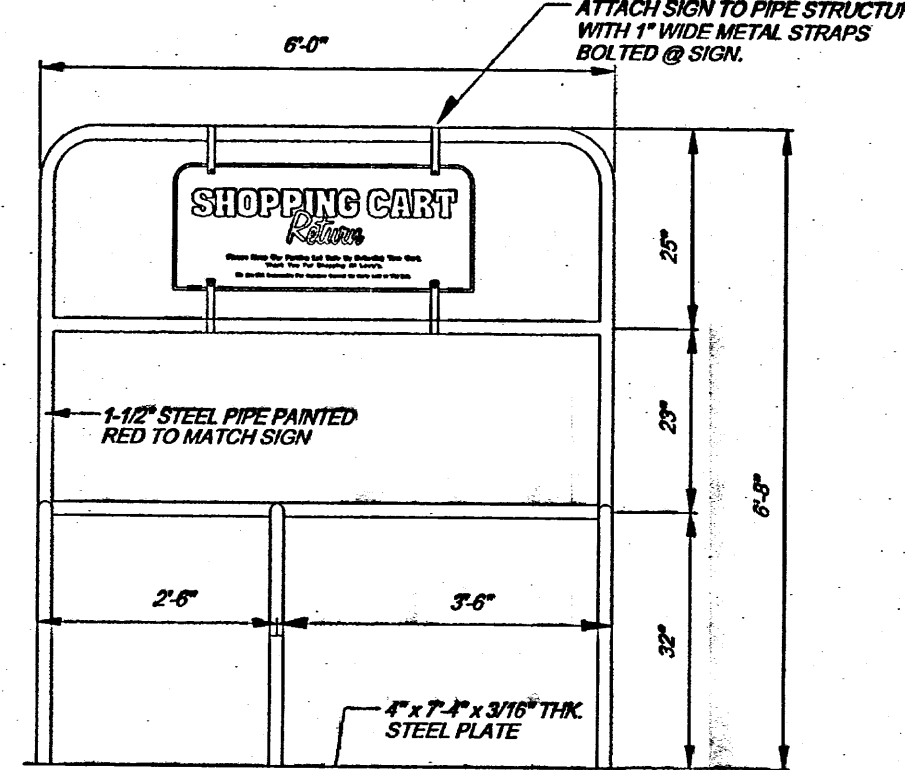
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CONSTRUCTION SET ISSUE DATE:	
DRAWING NUMBER:	C403



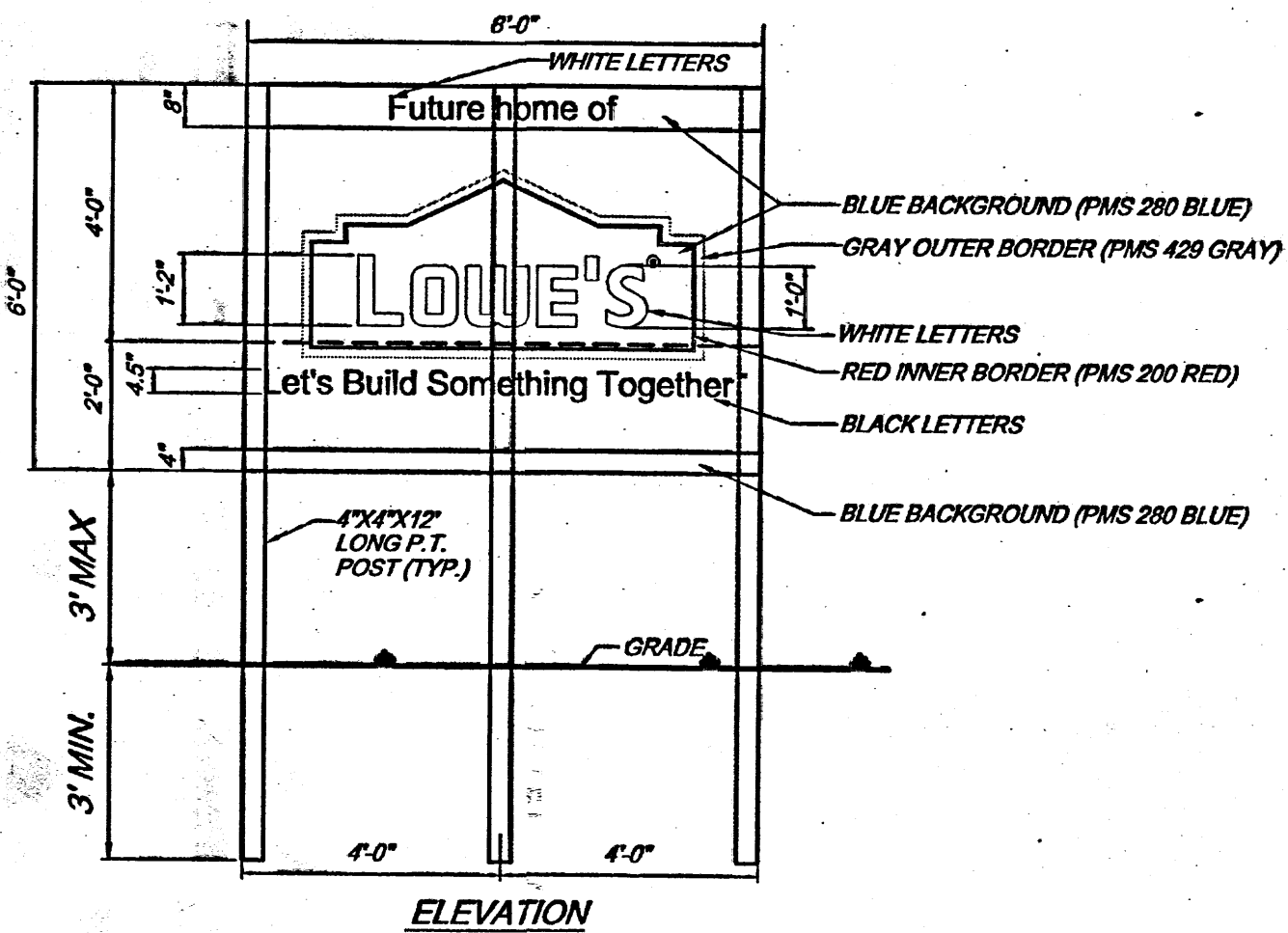
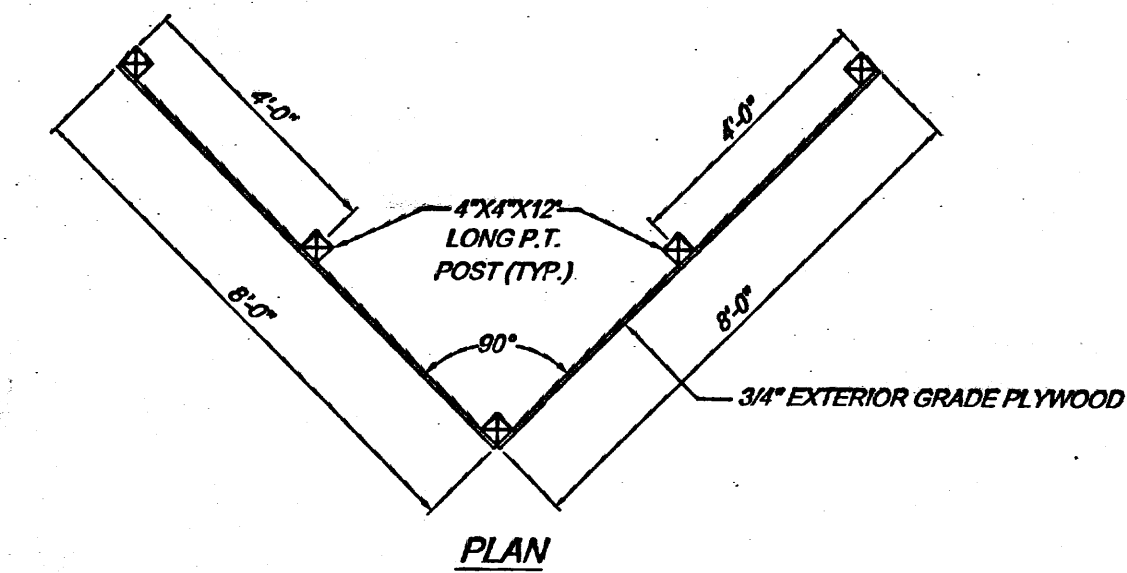
1 CONCRETE WHEEL STOP DETAIL



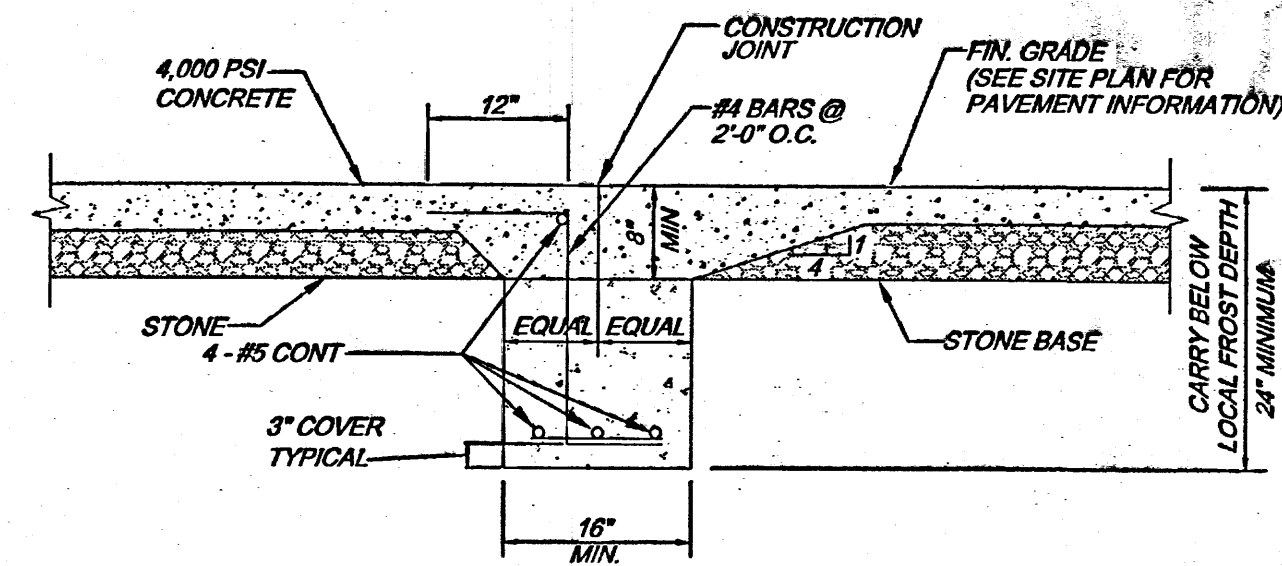
2 2 STALL CART RETURN RACK DETAIL



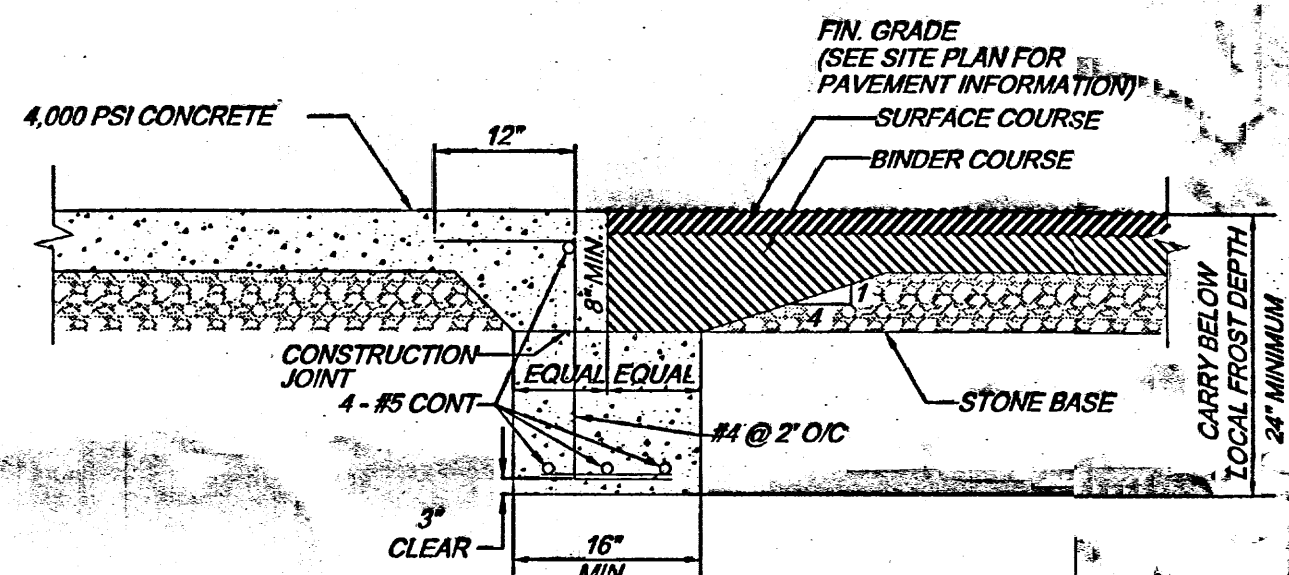
3 CART RETURN SIGN DETAIL



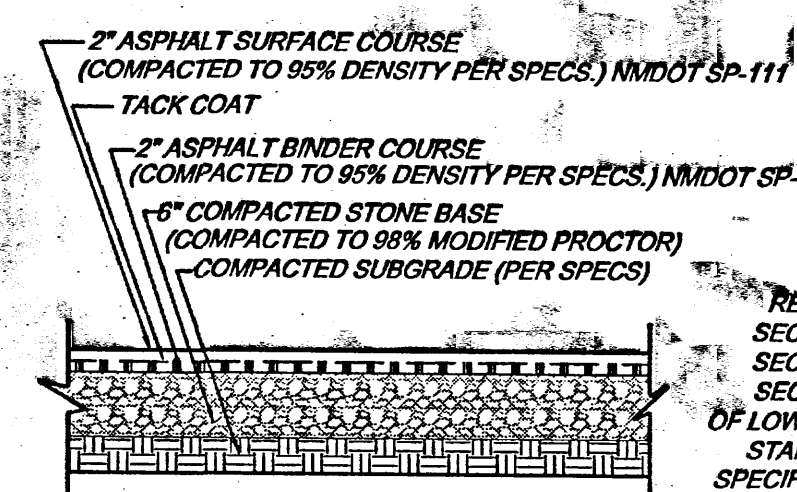
4 FUTURE HOME SIGN



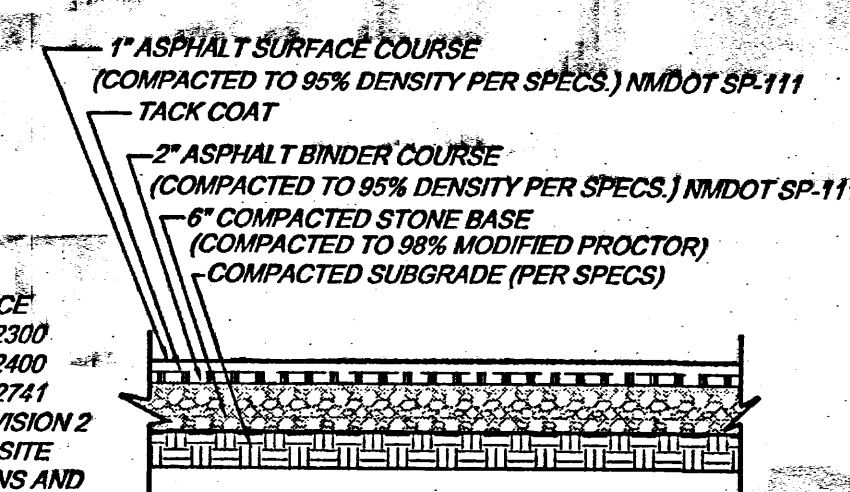
5 BUILDING SLAB/CONCRETE PAVEMENT JOINT DETAIL



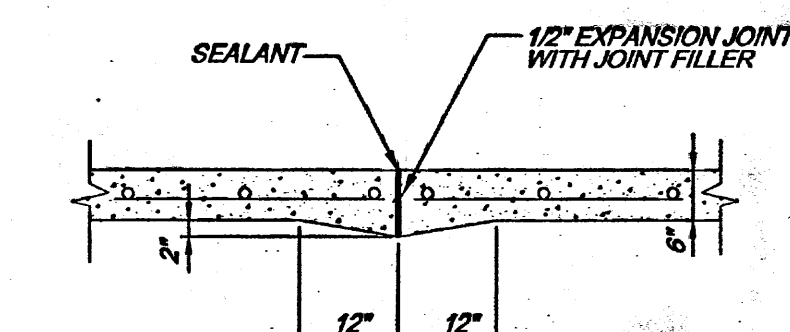
6 CONCRETE/ASPHALT JOINT DETAIL



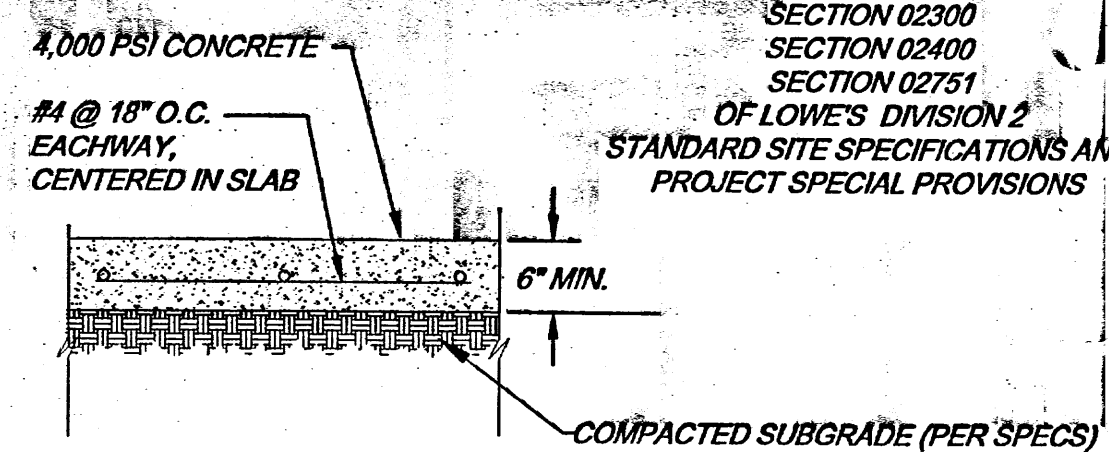
7 HEAVY DUTY ASPHALT PAVEMENT SECTION



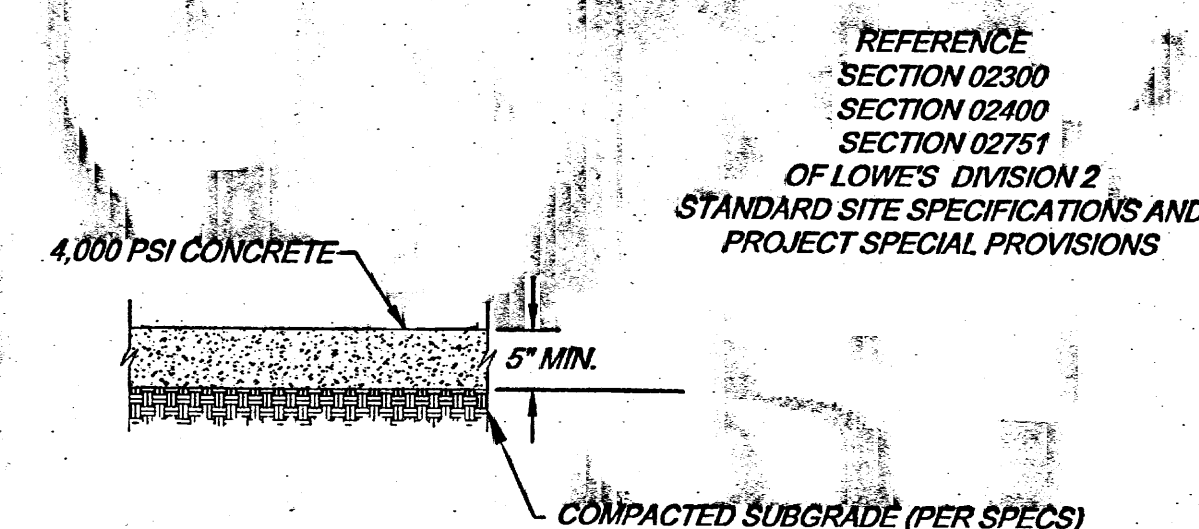
8 STANDARD DUTY ASPHALT PAVEMENT SECTION



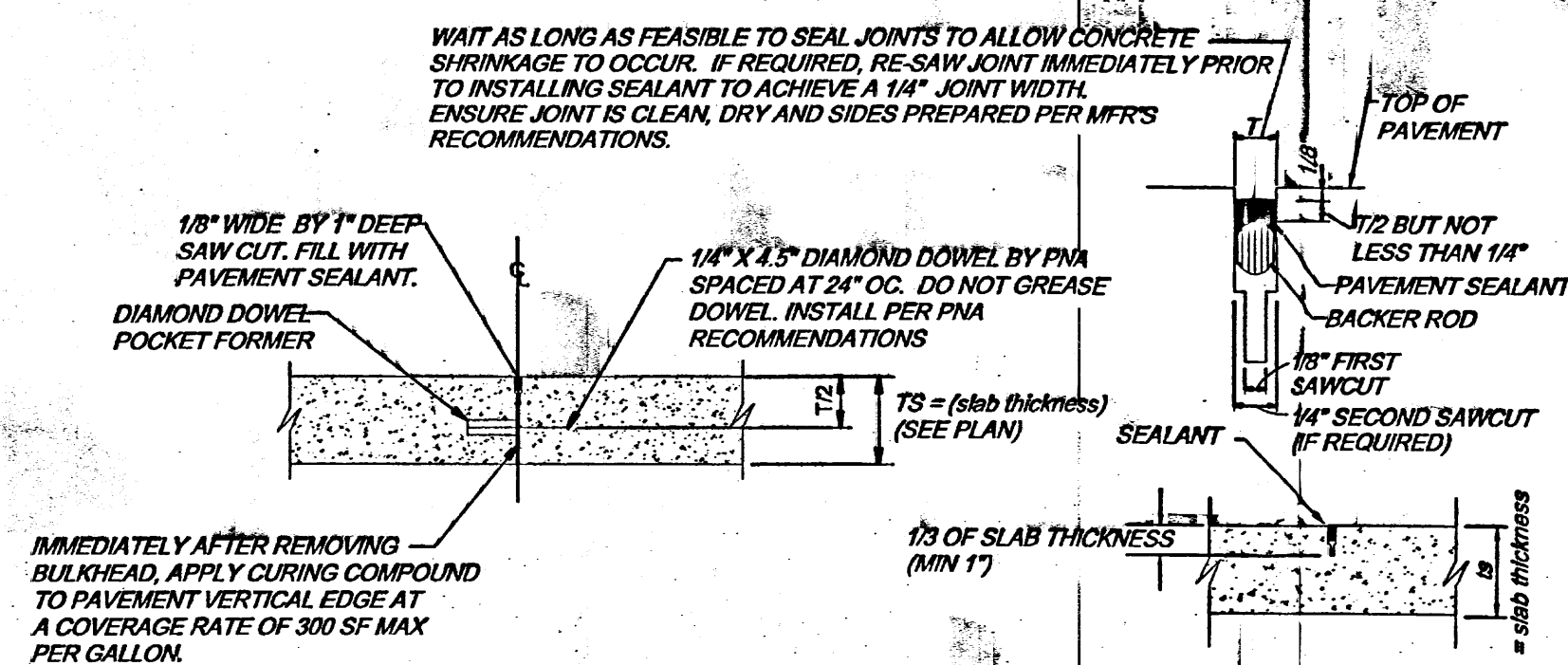
9 EXPANSION JOINT DETAIL



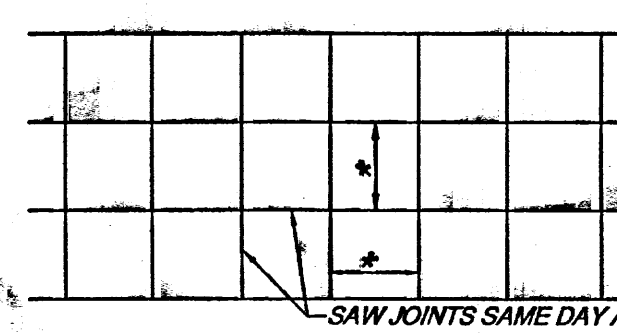
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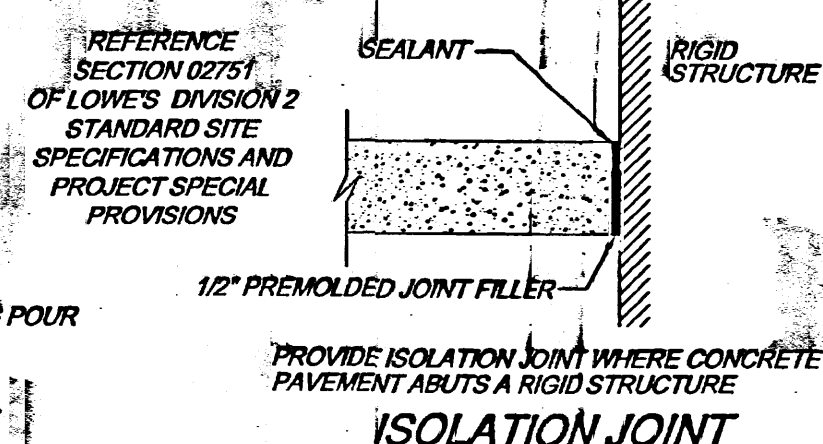
11 STANDARD DUTY CONCRETE PAVEMENT SECTION



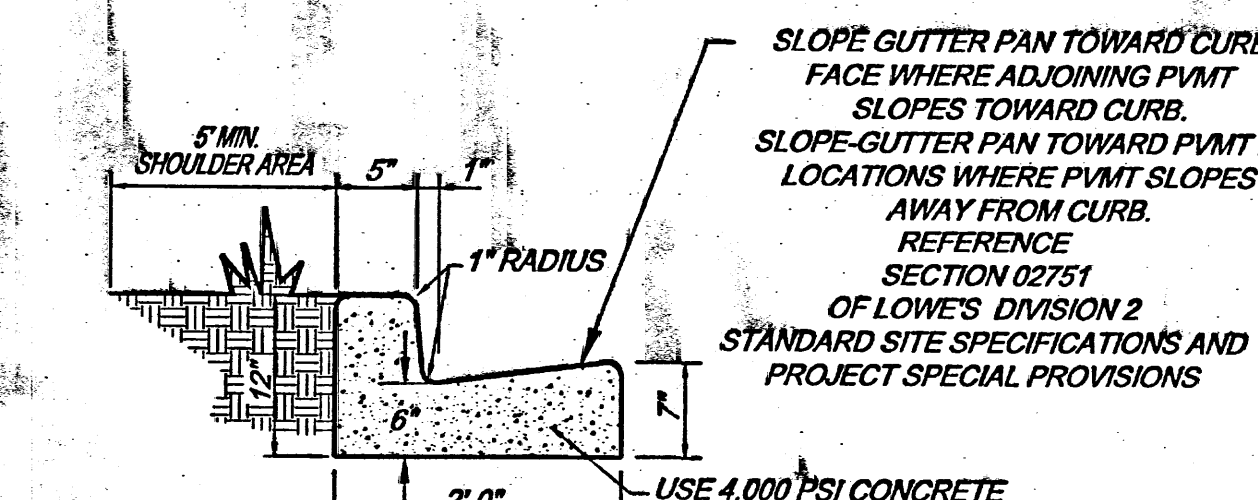
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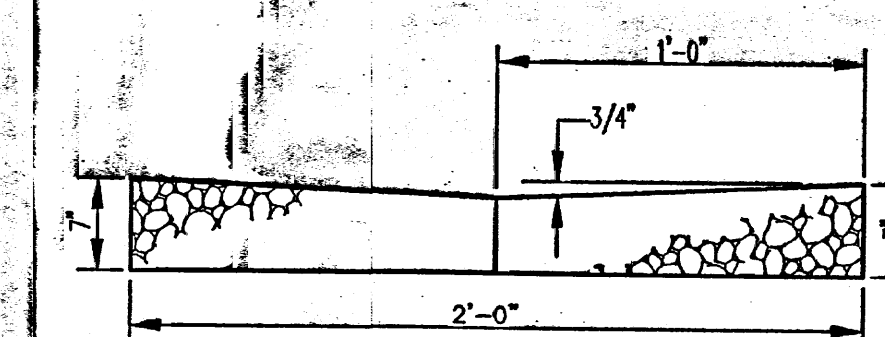
CONCRETE PAVEMENT JOINT DETAIL



ISOLATION JOINT



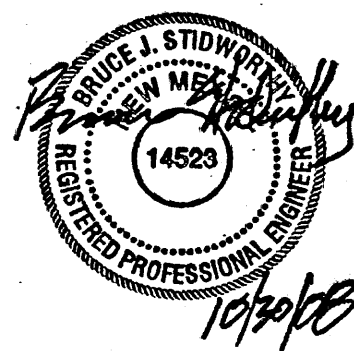
13 24" CONCRETE CURB & GUTTER DETAIL



14 TYPICAL VALLEY GUTTER SECTION

- 1 CONTRACTION JOINTS 10' O.C.
- 2 EXPANSION JOINTS 50' O.C. AND ALL CURB RETURNS
- 3 ALL JOINTS SEALED PER SPEC

REVISIONS	
DATE	DESCRIPTION

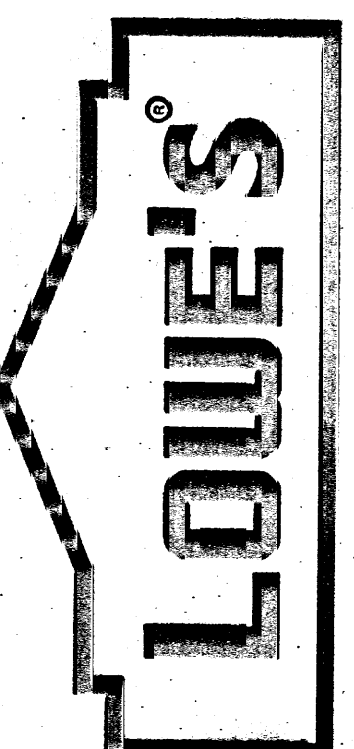


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 ENGINEERING & ARCHITECTURE
 1500 JEFFERSON BLVD. N.E.
 ALBUQUERQUE, NM 87104-4008
 (505) 263-4000



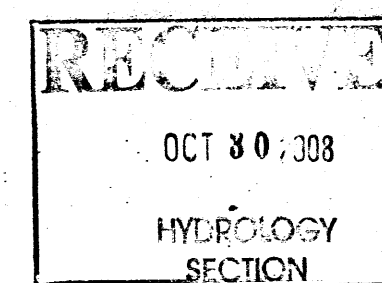
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 336.658.4000(V) 336.658.3257(F)

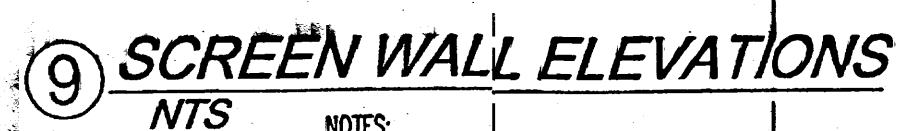
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UNSER CROSSING
 SITE DETAILS
 LOWE'S OF:
SW ALBUQUERQUE
 ALBUQUERQUE, NEW MEXICO
 PROJECT NO. 000288 DRAWN BY: RML CHECKED BY: BUS

CRITERIA
 ISSUE DATE: 10.27.08
 PERMIT SET
 ISSUE DATE:
 CONSTRUCTION
 SET ISSUE DATE:
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C500



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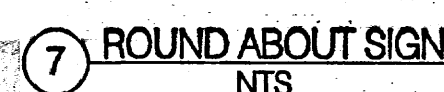
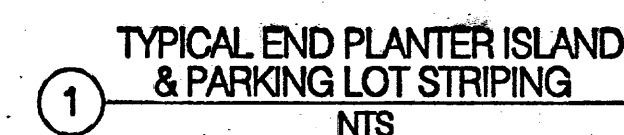
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WILKESBORO, NC 28697
336.658.4000(V) 336.658.3257(F)

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UNSER CROSSING
SITE DETAILS

CRITERIA ISSUE DATE:	10.27.08
PERMIT SET ISSUE DATE:	
CONSTRUCTION SET ISSUE DATE:	
DRAWING NUMBER:	C501



CRITERIA	10.27.08
ISSUE DATE:	
PERMIT SET	
ISSUE DATE:	
CONSTRUCTION	
SET ISSUE DATE:	
DRAWING NUMBER:	

C502



CONTROLS

- SILT FENCE (TEMP.)
- DISTURBED AREA
- ACCESS DRIVE
- DIVERSION DIKE
- RETAINING WALL
- SWALE
- TEMPORARY EROSION CONTROL TERRACE
- SEDIMENT BASIN (PERM.)
- SEDIMENT BASIN (TEMP.)

- STABILIZED CONSTRUCTION ENTRANCE
- STAGING AREA
- CONCRETE WASHOUT
- PORT-O-LET
- PROPOSED INLET
- EXISTING VEGETATION
- PRE-FLOW
- POST FLOW
- OUTFALL
- ROLL - OFF
- CONSTRUCTION TRAILER

NOTES

INSTALL BEFORE CLEAR AND GRUBBING

FROM CONST. ENTRANCE TO LAYDOWN AND, LAYDOWN TO BUILDING

SEE DETAIL

SEE DETAIL

INSTALL AFTER ROUGH GRADING

CREATED DURING ROUGH GRADING

SEE PAGE 2 FOR CONTOURS

INSTALL AFTER GRUBBING

DIMENSIONS FOR PADS, 100' BY 24'

INSTALL BEFORE FIRST CEMENT LOAD

STAKE DOWN IF USED.

INSTALL DANDY POP GRATE PROTECTORS

WHEN INLETS BECOME OPERATIONAL.

TEMPORARY SEEDING

Temporary revegetation is required on all disturbed areas having a period of exposure prior to final stabilization of one year or longer. All temporary seeding shall be protected with mulch.

To provide temporary vegetation cover on disturbed areas which will not be paved, built upon, or fully landscaped within 12 months but will be completed with in 24 months, plant an annual grass appropriate for the time of planting and mulch the planted areas. Contractor shall reference city of Albuquerque seed mix and obtain approval from the landscape architect by to place.

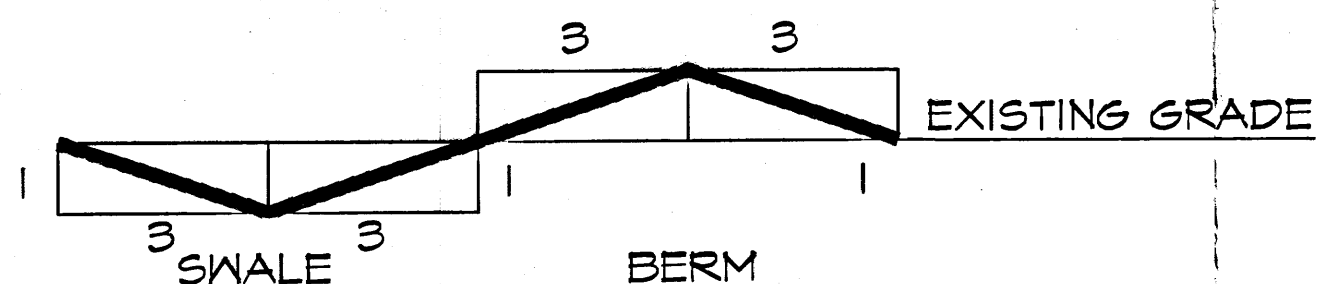
SEQUENCING OF CONSTRUCTION

Described below are the major construction activities that are the subject of this plan. They are presented in the order (or sequence) they are expected to begin, but each activity will not necessarily be completed before the next begins. Also, these activities could occur in a different order if necessary to maintain adequate erosion and sedimentation control.

PHASE TWO

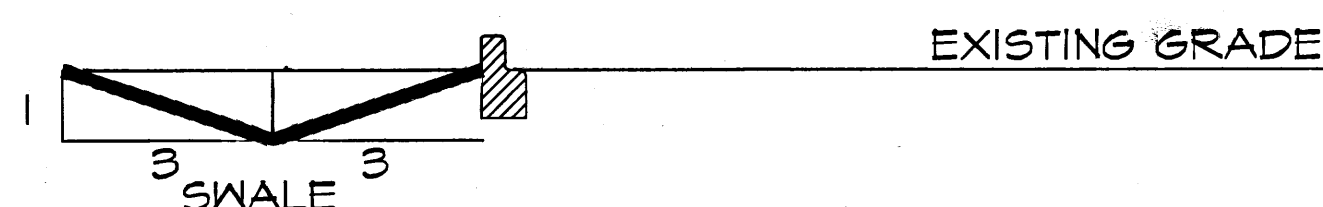
- a) Commence site grading.
- b) Disturbed Areas of the site where Construction Activity has ceased for more than 14 days shall be temporarily seeded and watered or apply a chemical soil stabilizer.
- c) Install underground storm drainage system.
- d) Install inlet/outlet protection at the locations of all grate inlets, curb inlets, and at the ends of all exposed storm sewer pipes.
- e) Install a concrete washout before pouring the first load of cement
- f) Place required riprap at locations shown on the plans during final stabilization.
- g) Remove inlet protection around inlets and manholes no more than 48 hours prior to placing stabilized base course. Inlet protection is to remain at all inlets until contributing area achieves Final Stabilization and/or all potential pollutant sources are eliminated.
- h) Install base material a required for pavement.
- i) Carry out final grading and seeding and planting
- j) Inspect and clean storm drainage system.
- k) Inspections, maintenance, record keeping and site posting shall continue until Final Stabilization.
- l) Remove silt fencing only after all paving is complete and exposed surfaces are stabilized.
- m) Remove temporary construction exits only prior to pavement construction in these areas (These areas are to be paved last).

A schedule for implementation for the activities identified above is included as Form C-3 of the SWPPP.



TEMPORARY EROSION CONTROL TERRACE

Not to scale, reference plan and legend for location



SWALE DETAIL

Not to scale, reference plan and legend for location

NOTES

MAP IS NOT TO SCALE

RECEIVING WATERS

RIO GRANDE

3.0 MILES TO East

SEE GRADING PLAN FOR POND DETAILS

NORTH

UNSER CROSSING

OWNER: Armstrong Development, Inc.

Phase 2

EROSION CONTROL PLAN

REVISIONS	
DATE	DESCRIPTION

100% REVIEW

SUBMITTAL

10-01-08

Bohannon & Huston

ENGINEERING - SPATIAL DATA - ADVANCED TECHNOLOGIES

ARMSTRONG DEVELOPMENT

PROPERTY, INC.

LOWE'S HOME CENTERS, INC.

1603 CURTIS BRIDGE ROAD

REC'D DOCK

WILKESBORO, NC 28697

336.658.4000(V) 336.658.3267(F)

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LOWE'S

UNSER CROSSING - 100% CD'S

PH. 2, EROSION CONTROL PLAN

LOWE'S OF:

SW ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

PROJECT NO: 080289 | DRAWN BY: RML | CHECKED BY: BJS

CRITERIA

ISSUE DATE: 08.27.08

PERMIT SET

ISSUE DATE:

CONSTRUCTION

SET/ISSUE DATE:

DRAWING NUMBER:

OCT 30 2008

SECTION

EC-101

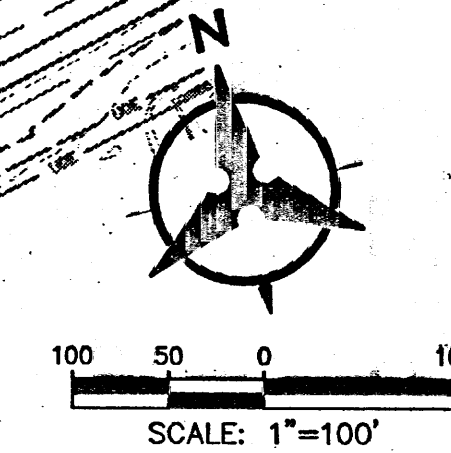
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GEOGRAPHIC POSITION (NAD 83)
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X=1,498,962.651 Y=1,483,739.165
GROUND TO GRID FACTOR = 0.999683006
DELAT ALPHA = -0° 16' 18.14"
NAVD 1988 ELEVATION = 5097.854

BH 08-289-01
2" ALUMINUM CAP
N=1,483,412.2020
E=1,498,598.6560
ELEVATION=5101.48

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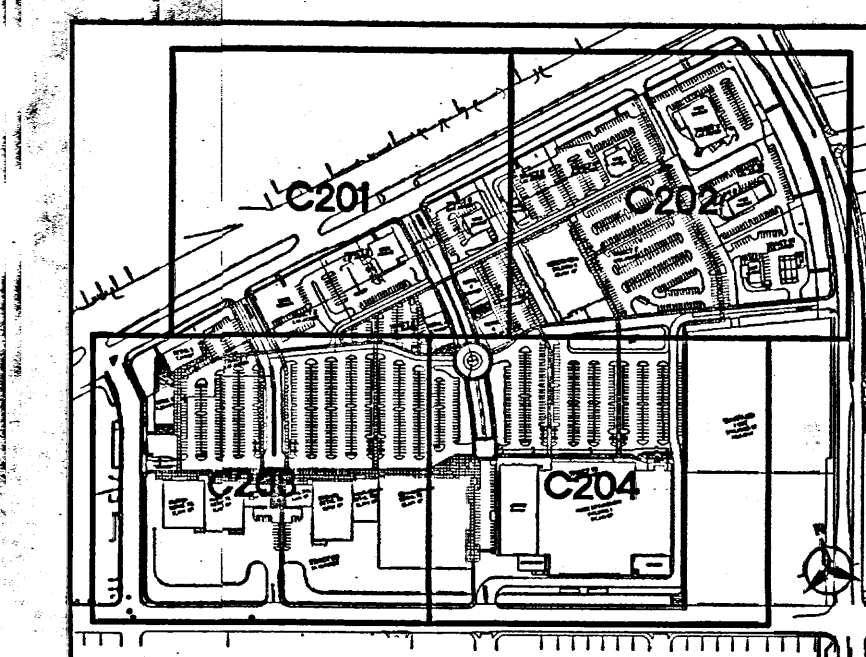
BH 08-289-03A
2" ALUMINUM CAP
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ELEVATION=5105.80

BENCHMARK
ACS '7-K10 1989



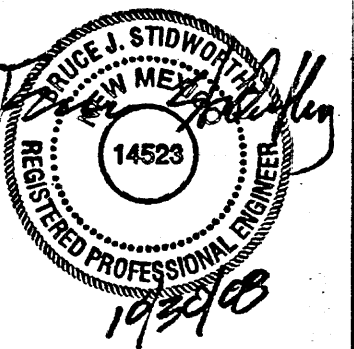
1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST AND INCLUDED IN CONTRACTOR'S BID.
3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION OVER EXCAVATION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOLOGICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE SPECIFIED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) STANDARDS, SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
5. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC HIGHWAY OR -WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERRIS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
6. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL, AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
7. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDJANS AND ISLANDS.
8. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.
9. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC. WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE. ANY BURNING ON SITE IS NOT ALLOWED.
10. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED PER CITY CODES AND SPECIFICATIONS.
11. GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
12. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
13. AFTER PERMITS HAVE BEEN OBTAINED & EROSION CONTROL MEASURES INSTALLED, THE CONTRACTOR SHALL GRADE BUILDING PAD, GARDEN CIRCLE & APRONS TO $\pm 1/2"$ OF SUBGRADE AS PER SECTION 02300, DIVISION 2 OF LOWE'S STANDARD SITE SPECIFICATIONS.
14. IMMEDIATELY APPLY A COMPACT STONE BASE FOR BUILDING PAD TO $\pm 1/2"$ PRIOR TO EXCAVATING INTERIOR & PERIMETER FOOTINGS.
15. GENERAL CONTRACTOR SHALL PROVIDE $2' \times 2' \times 6"$ THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.
16. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH DIVISION 2 OF LOWE'S STANDARD SITE SPECIFICATIONS.
17. ALL ROOF DRAINS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT THE END, WITH IDENTIFYING MARKERS FOR FUTURE LOCATING.

	PROPERTY LINE
	EXISTING CONTOURS
	EXISTING GROUND SPOT ELEVATION
	EXISTING ELECTRICAL POLE
	PROPOSED SPOT ELEVATION
	TO-TOP OF CURB, FL=FLOW LINE
	TO-TOP OF WALL, BW=BOTTOM OF WALL
	EX=EXISTING, TO=TOP OF GRADE
	PROPOSED DIRECTION OF FLOW
	WATER BLOCK
	PROPOSED RETAINING WALL
	PROPOSED INDEX CONTOURS
	PROPOSED INTER CONTOURS
	PROPOSED CURB
	EASEMENT
	EXISTING TREE
	PROPOSED STORM DRAIN LINE
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	EXISTING STORM DRAIN MANHOLE



KEY MAP

REVISIONS	
PRE-BID SET ISSUE DATE	POST BID SET ISSUE DATE
DATE	DESCRIPTION



Bohannon & Huston
 7500 Jefferson St. NE Albuquerque, NM 87109

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES



POWE'S HOME CENTERS, INC.
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RECEIVED
NOV 05 2007

HYDROLOGY
SECTION

REC'D

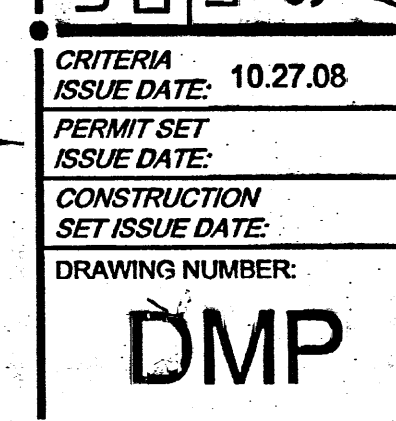
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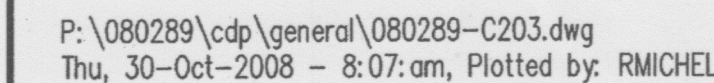
HYDR	C
SEC	21

LOWE'S OF:
SW ALBUQUERQUE

TERIA
UE DATE: 10.27.08
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T ISSUE DATE:
AWING NUMBER:

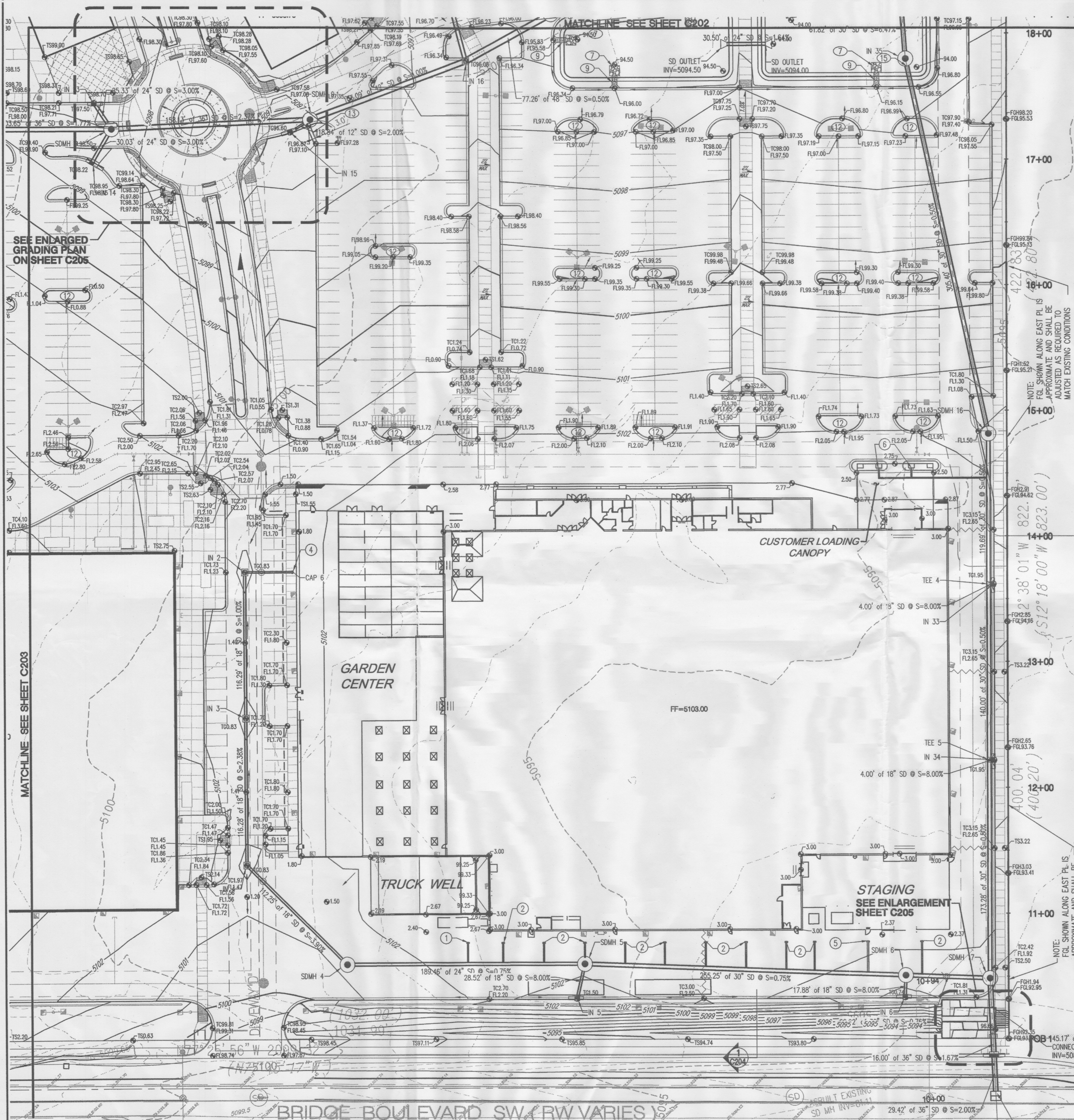
C200

Hydrograph Method for Small Watershed (DPM Section 22.2)



1. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5098.25
2. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
3. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5095.50
4. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.25
5. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
6. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.75
7. INSTALL 10'x10' RIP RAP BLANKET PER DETAIL 6, SHEET C205.
8. INSTALL CURB OPENING PER DETAIL 8, SHEET C205.
9. INSTALL 4' CURB CUT WITH CONCRETE ROUNDOFF PER DETAIL 5, SHEET C205.
10. INSTALL 24" SIDEWALK CULVERT PER COA STD DWG 2236.
11. SEE NOTE 4 UNDER STRUCTURE TABLE NOTES FOR CONNECTION TO MAIN. CONTRACTOR SHALL CONFIRM ROOF DRAIN TIE IN LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION.
12. WATER HARVESTING ISLAND PER DETAIL 8, SHEET C202.
13. INSTALL CURB CUT PER DETAIL 7, SHEET C205.
14. INSTALL ORIFICE PLATE IN SD MANHOLE AT 48" SD OPENING. SEE DETAIL 3, SHEET C205.
15. INSTALL ORIFICE PLATE IN SD AREA INLET AT 30" SD OPENING. SEE DETAIL 4, SHEET C205.

[illegible]



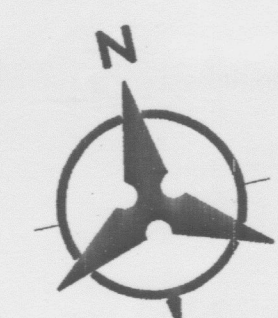
Structure Table					
Structure Name	Structure Type	Northing	Easting	Flm\Grate	Invert
SDMH 9.1	COA Type "E" SD Manhole	1483266.88	1498472.65	5096.93	INV IN(SW)=5093.12 INV IN(NW)=5085.76 INV OUT=5085.66
IN 16	COA Type Double "D" SD Inlet	1483285.67	1498604.40	5096.09	INV IN (N)=5084.43 INV IN (W)=5084.33 INV OUT=5084.21
SDMH 17	COA Type "E" SD Manhole	1482483.27	1498849.87	5101.61	INV IN (N)=5096.00 INV IN (W)=5084.68 INV OUT=5084.58
SDMH 16	COA Type "E" SD Manhole	1482905.75	1498944.57	5102.08	INV IN=5088.47 INV OUT=5088.37
IN 2	COA Type "D" SD Inlet	1482927.23	1498342.75	5100.83	INV IN=5097.43 INV OUT=5097.33
IN 4	COA Type "D" SD Inlet	1482700.11	1498292.71	5100.83	INV IN=5093.30 INV OUT=5093.20
SDMH 4	COA Type "E" SD Manhole	1482605.52	1498353.16	5101.21	INV IN=5088.82 INV OUT=5088.72
SDMH 5	COA Type "E" SD Manhole	1482564.78	1498538.18	5102.26	INV IN (W)=5087.30 INV IN (S)=5084.72 INV OUT=5087.20
IN 35	SD Area Inlet (See Detail 9, Sheet C205)	1483211.15	1498946.02	5094.00	INV OUT(S)=5090.00 INV OUT(W)=5089.00
IN 13	COA Type "C" SD Inlet	1483317.51	1498307.80	5097.50	INV OUT=5093.50
IN 14	COA Type "A" SD Inlet	1483271.87	1498296.36	5098.22	INV OUT=5095.18
CAP 6	SD Cop	1482918.94	1498380.39		INV OUT=5099.25
IN 3	COA Type "D" SD Inlet	1482813.66	1498317.74	5100.83	INV IN=5096.17 INV OUT=5096.07
IN 5	COA Type "C" SD Inlet	1482538.98	1498526.02	5101.50	INV OUT=5097.00
IN 6	COA Type "C" SD Inlet	1482482.90	1498780.61	5100.74	INV OUT=5096.74
SDMH 6	COA Type "E" SD Manhole	1482500.20	1498785.13	5097.67	INV IN (W)=5085.20 INV IN (S)=5095.30 INV OUT=5085.19
IN 34	COA Type "C" SD Inlet	1482651.48	1498891.67	5101.95	INV OUT=5087.29
IN 33	COA Type "C" SD Inlet	1482788.09	1498922.29	5101.95	INV OUT=5088.09
IN 15	COA Type "C" SD Inlet	1483260.26	1498455.01	5096.60	INV OUT=5093.50
SDMH 9	COA Type "E" SD Manhole	1483293.84	1498316.83	5098.43	INV IN (W)=5089.60 INV IN (NW)=5092.70 INV IN (SW)=5094.20 INV OUT=5089.50

- ☐ GRADING KEYED NOTES

1. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5098.25
2. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
3. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5095.50
4. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.25
5. 12" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5100.15
6. 10" DIA. HDPE OR PVC STORM DRAIN PIPE, INV ELEVATION AT 5' FROM FACE OF BUILDING =5099.75
9. INSTALL 10'x10' RIP RAP BLANKET PER DETAIL 6, SHEET C205.
8. INSTALL CURB OPENING PER DETAIL 8, SHEET C205.
9. INSTALL 4' CURB CUT WITH CONCRETE ROUNDOFF PER DETAIL 5, SHEET C205.
10. INSTALL 24" SIDEWALK CULVERT PER COA STD DWG 2236.
11. SEE NOTE 4 UNDER STRUCTURE TABLE NOTES FOR CONNECTION TO MAIN. CONTRACTOR SHALL CONFIRM ROAD DRAIN TIE IN LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION.
12. WATER HARVESTING ISLAND PER DETAIL 8, SHEET C502.
13. INSTALL CURB CUT PER DETAIL 7, SHEET C205.
14. INSTALL ORIFICE PLATE IN SD MANHOLE AT 48" SD OPENING. SEE DETAIL 3, SHEET C205.
15. INSTALL ORIFICE PLATE IN SD AREA INLET AT 30" SD OPENING. SEE DETAIL 4, SHEET C205.

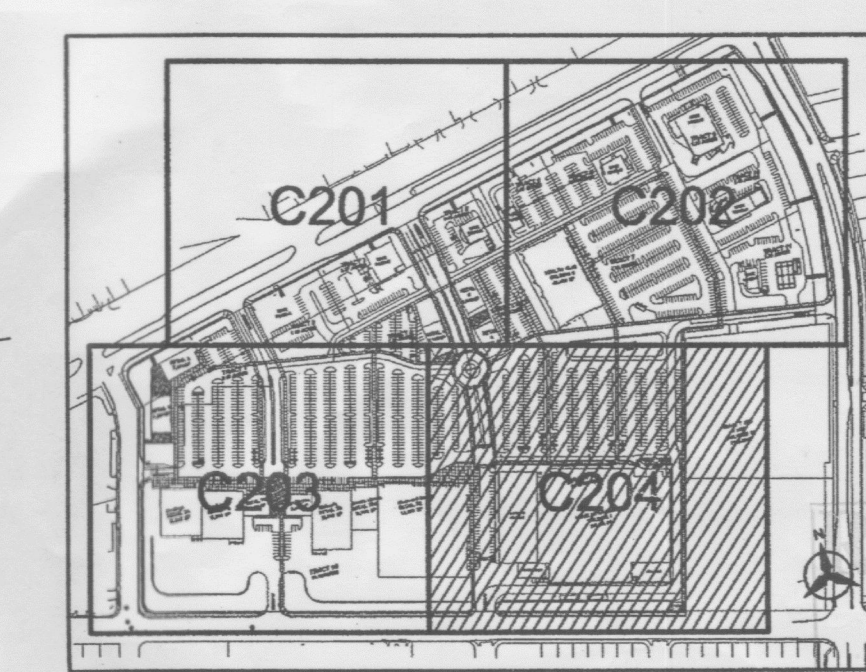
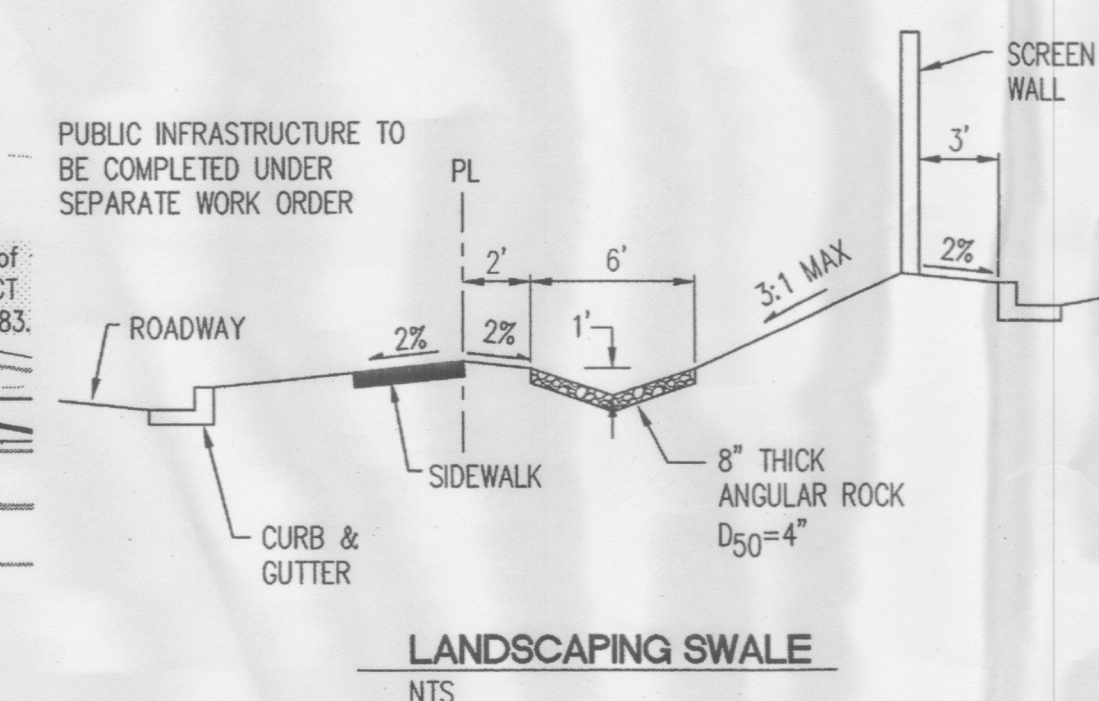
STRUCTURE TABLE NOTES

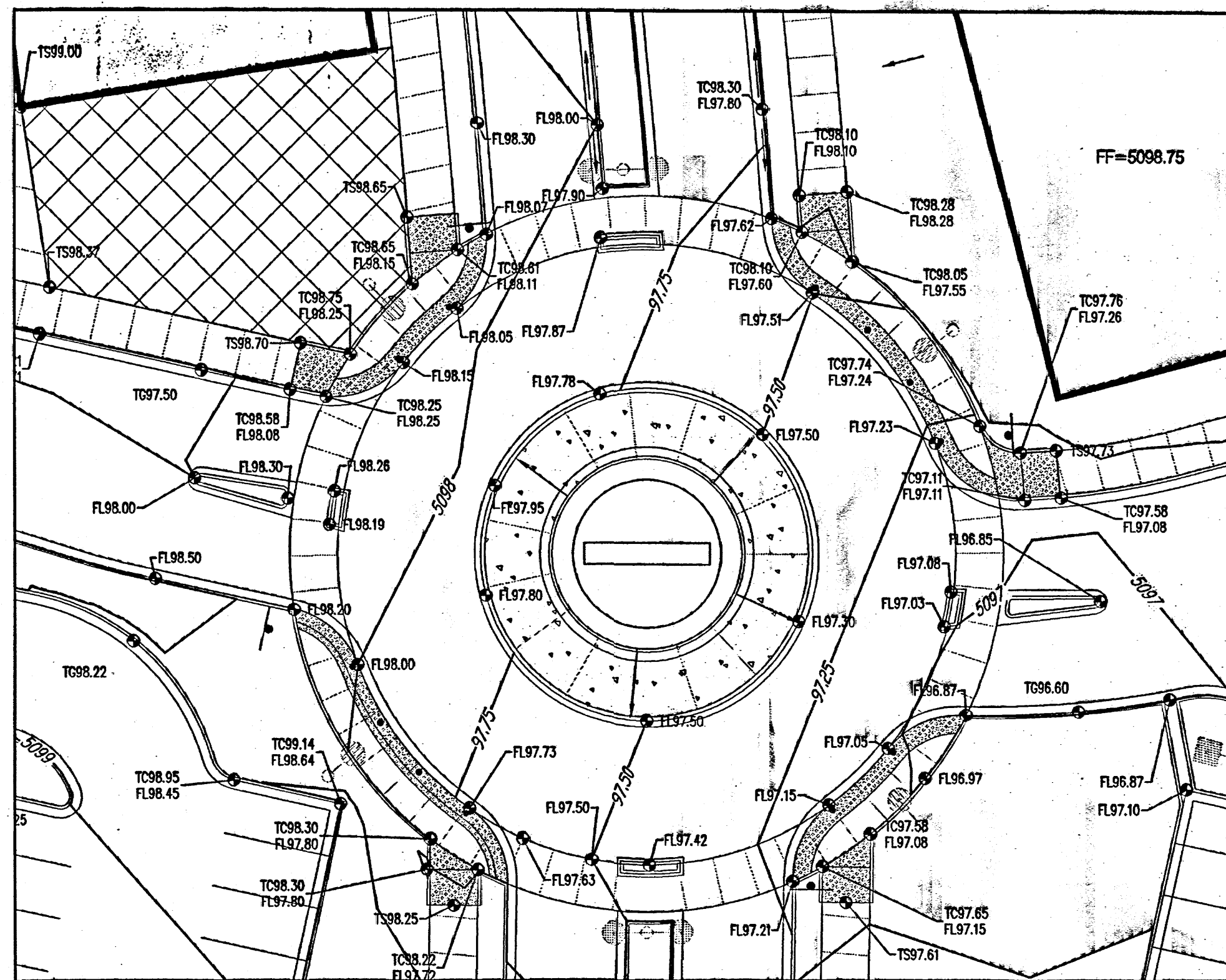
1. MANHOLES SHALL BE BUILT PER COA STD. DWG 2102 (TYPE "C") AND 2101 (TYPE "C").
2. ALL STORM DRAIN STUB-OUTS LABELED AS "CAPS" ABOVE SHALL BE PROVIDED WITH TEMPORARY PLUGS & IDENTIFYING MARKERS FOR FUTURE LOCATING.
3. ALL TYPE "A", "Double A" and TYPE "C" INLETS SHALL BE MODIFIED FROM THE COA STD. DRAWINGS AS REQUIRED FOR A 6" CURB HEIGHT.
4. STRUCTURES IDENTIFIED AS TEE'S SHALL BE CONSTRUCTED FROM A PRE-MANUFACTURE TEE AND INSTALLED IN ACCORDANCE TO MANUFACTURERS RECOMMENDATIONS OR WITH "INSERTA-TEE" BY ADS OR APPROVED EQUAL.
5. COA TYPE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH STANDARD 2'x2' (221.3 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).
6. COA TYPE "D" INLETS PER COA STD DWG 2206 MAY BE SUBSTITUTED WITH NYOPLAST ROAD AND HIGHWAY DRAINAGE INLET STRUCTURE WITH 2'x3' STEEL BAR GRATE (261.2 SQ. IN. APPROXIMATE DRAIN AREA) H-25 RATED GRATE (OR APPROVED EQUAL).
7. COA TYPE DOUBLE "C" INLETS PER COA STD DWG 2205 MAY BE SUBSTITUTED WITH NYOPLAST CURB INLET STRUCTURE WITH 2-STANDARD 2'x2' (442.6 SQ. IN. APPROXIMATE DRAIN AREA INCLUDING HOOD) H-25 RATED GRATE (OR APPROVED EQUAL).



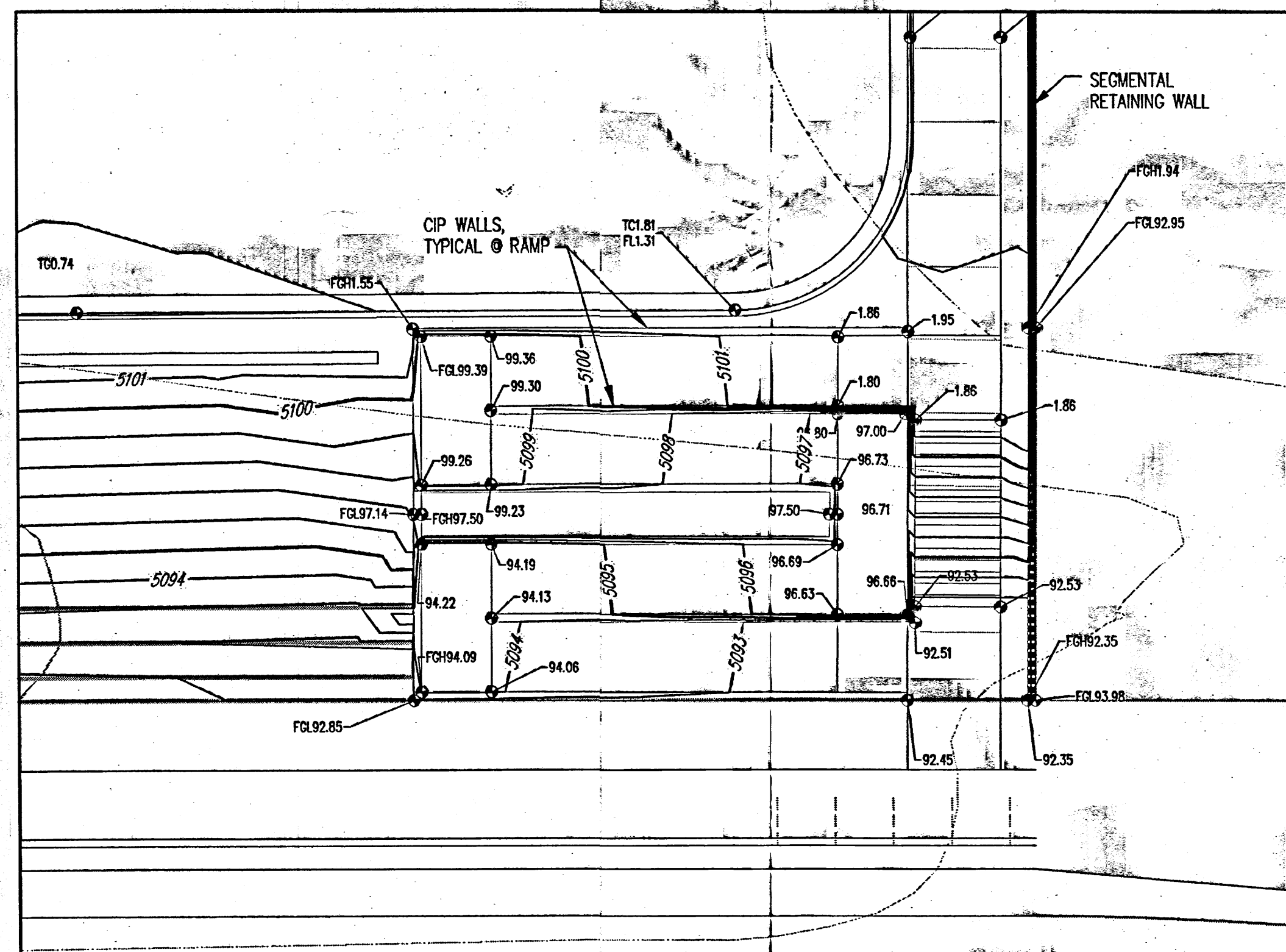
40 20 0 40

SCALE: 1"=40'

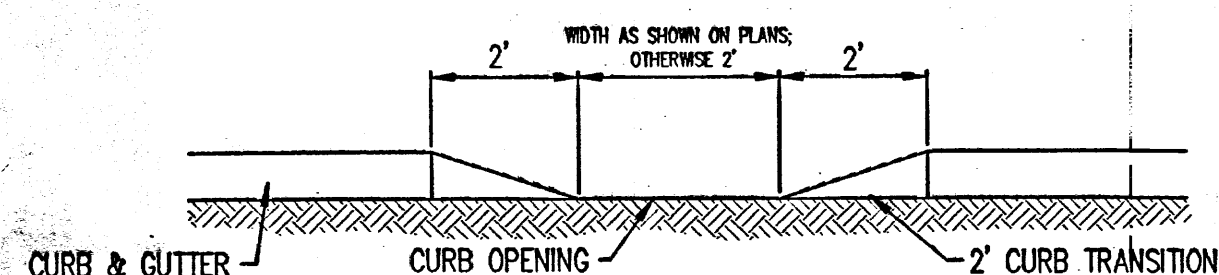




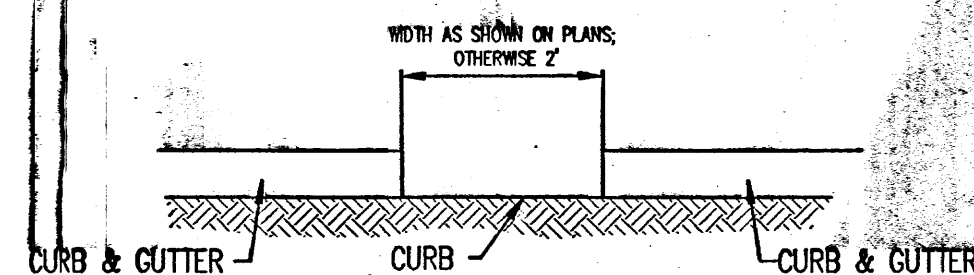
1 ROUNDABOUT DETAIL
SCALE: 1"=20'



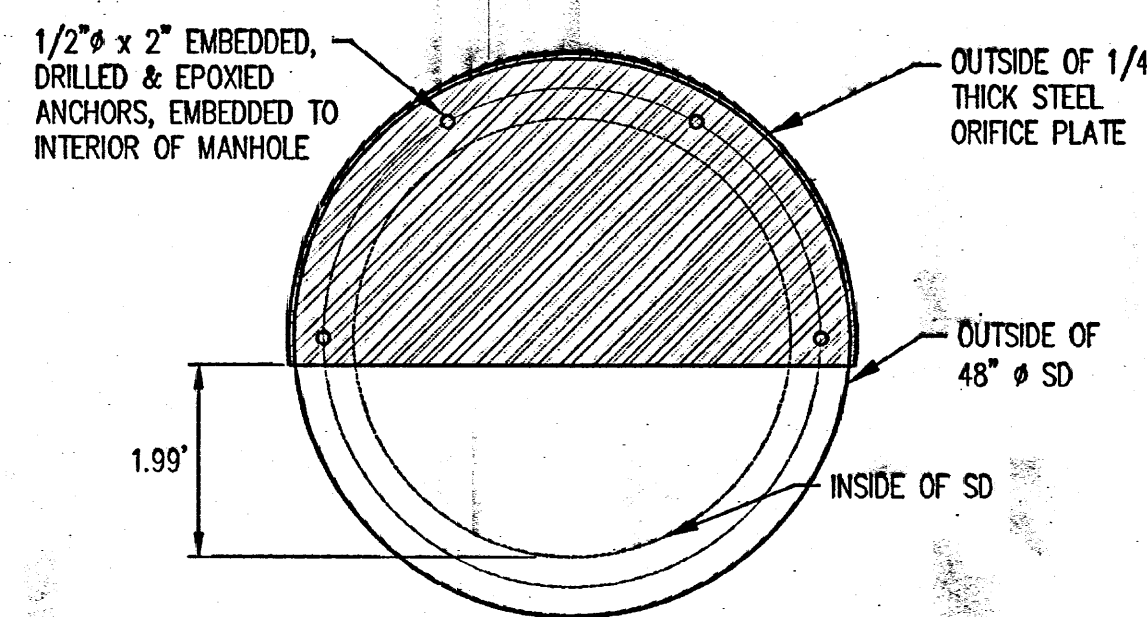
2 RAMP DETAIL
SCALE: 1"=10'



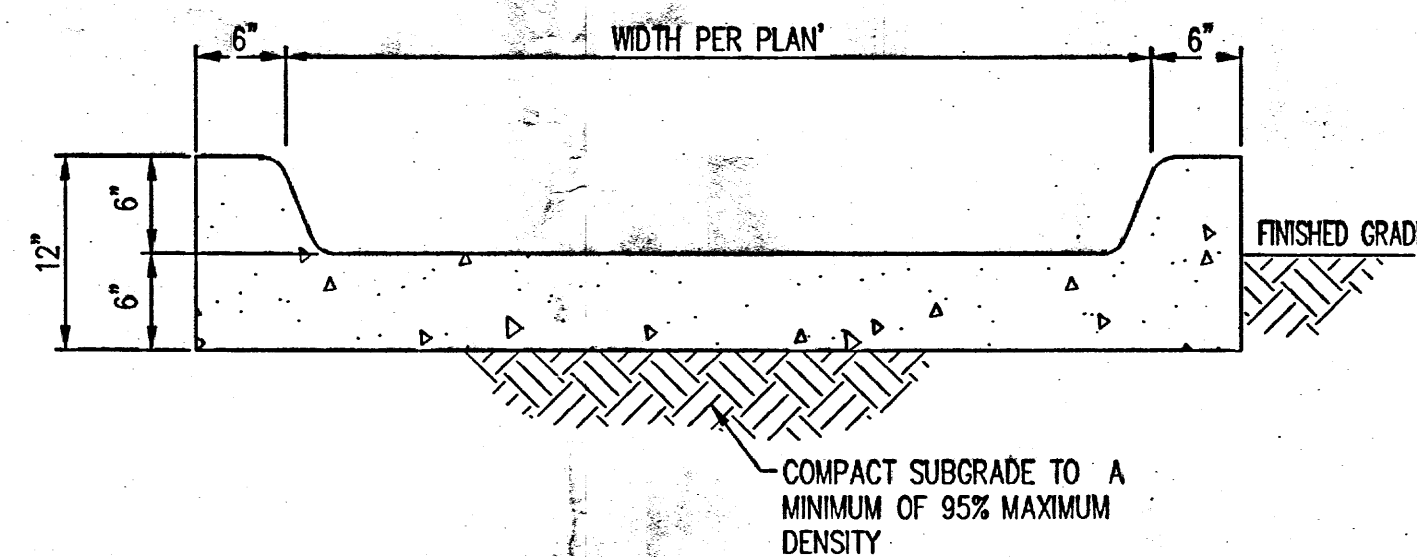
7 TYPICAL CURB CUT
NOT TO SCALE



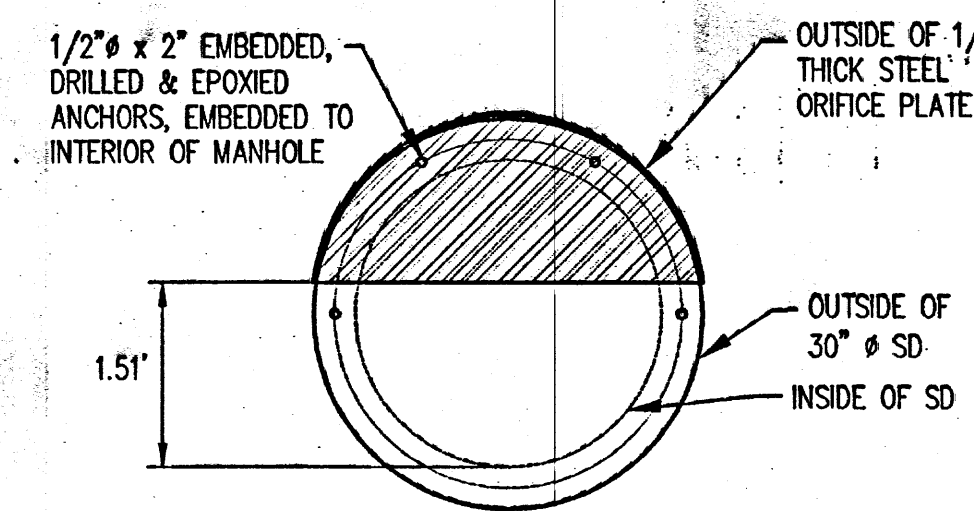
8 TYPICAL CURB OPENING
NOT TO SCALE



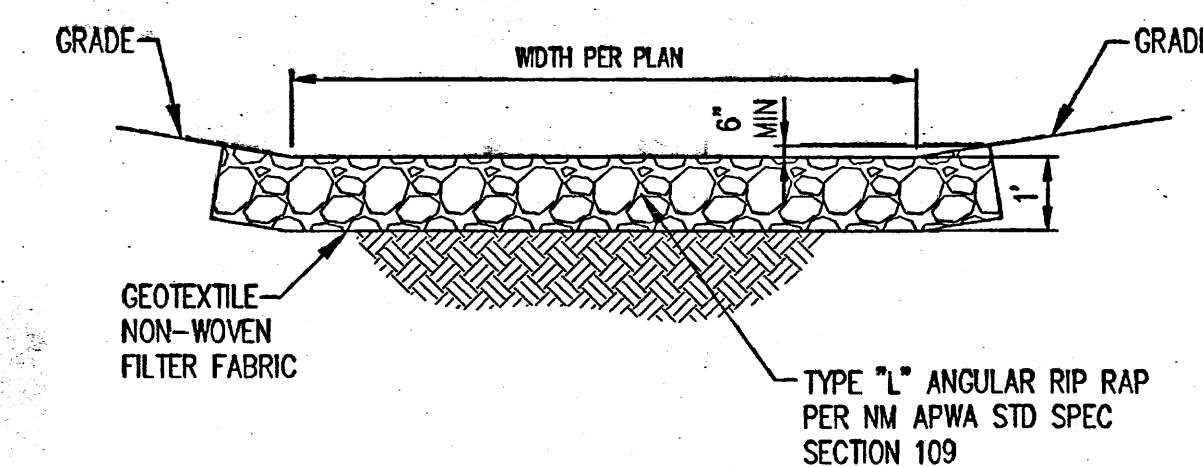
3 ORIFICE PLATE DETAIL FOR 48" SD
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5 CONCRETE RUN DOWN
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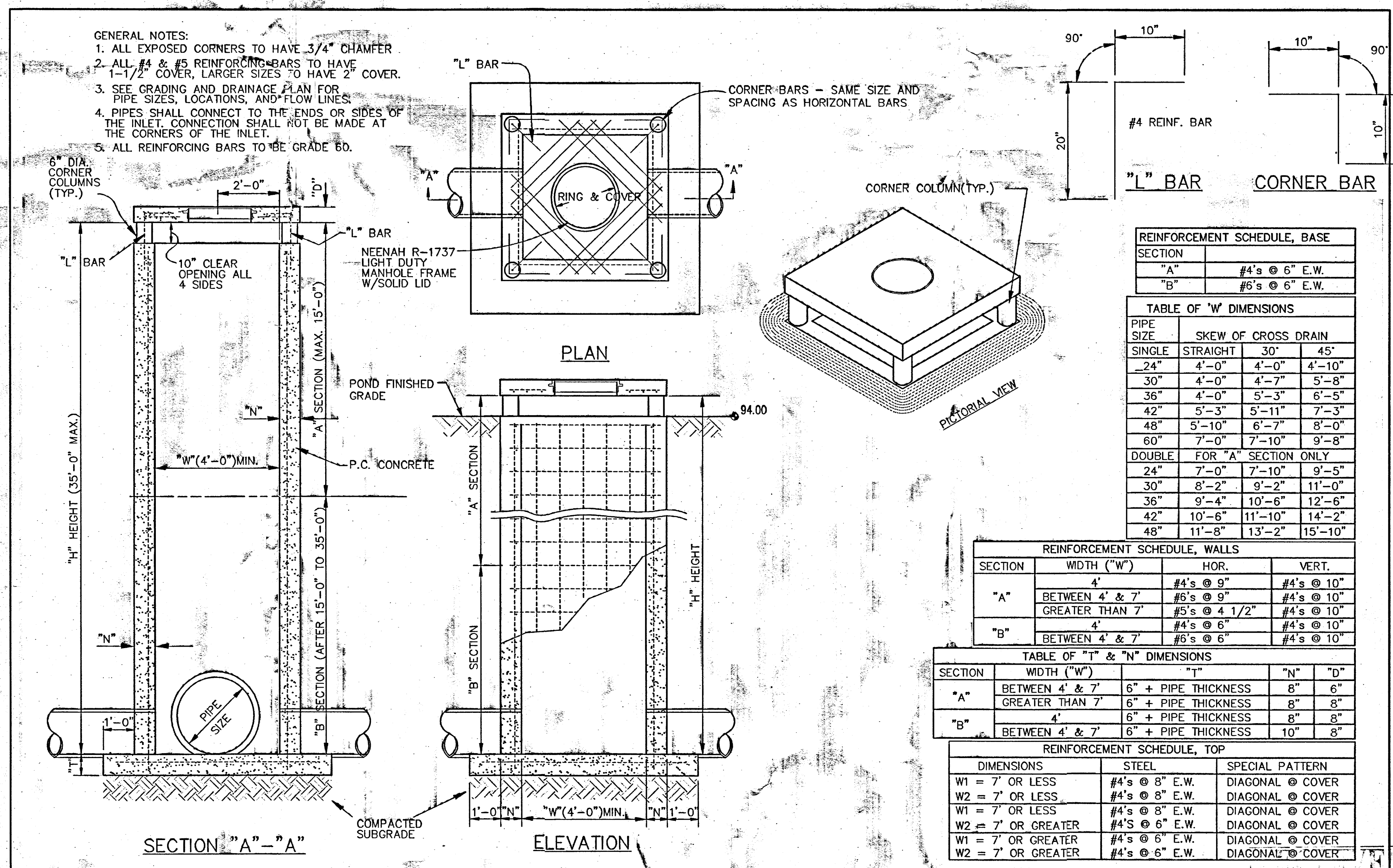


4 ORIFICE PLATE DETAIL FOR 30" SD
NOT TO SCALE



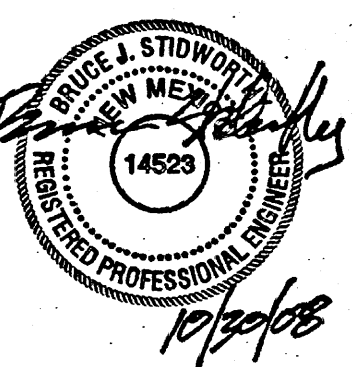
NOTE: TOP OF RIP RAP TO MATCH FINISHED (OR EXISTING) GRADES/CONTOURS SHOWN ON GRADING PLAN

6 RIP RAP BLANKET
NOT TO SCALE



9 AREA INLET
NOT TO SCALE

REVISIONS	
DATE	DESCRIPTION

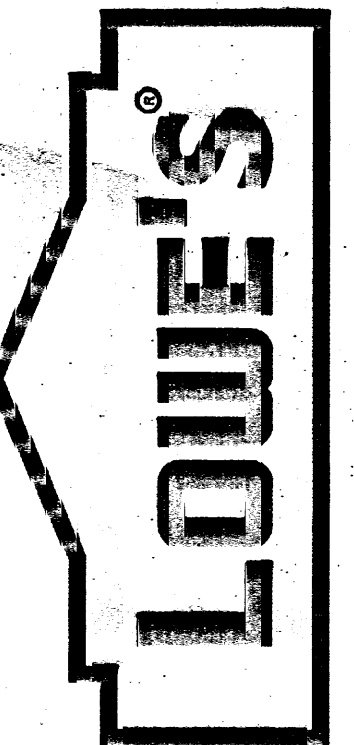


Bohannon & Huston, Inc.
1500 Johnson Blvd. NE
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UNSER CROSSING
GRADING DETAILS
LOWE'S OF:
SW ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO
PROJECT No. 080289 DRAWN BY: RML CHECKED BY: BUS

CRITERIA
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