

CITY OF ALBUQUERQUE



December 28, 2015

Richard J. Berry, Mayor

Mike Walla, P.E.
Walla Engineering, Ltd
6501 Americas Parkway NE, Suite 301
Albuquerque, NM, 87110

**RE: 1600 First Street Northwest, Loading Dock Remodel
Grading and Drainage Plan
Engineer's Stamp Date 12-22-15 (File: J14D178)**

Dear Mr. Walla:

Based upon the information provided in your submittal received 12-22-2015, the above-referenced plan is approved for Building Permit and SO-19.

PO Box 1293

Please attach a copy of this approved plan in the construction sets when submitting for the building permit. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

A copy of this approval letter must be on hand when applying for the excavation/barricading permit. The work in the City ROW must be inspected and accepted. Contractor must contact Jason Rodriguez at 235-8016 and Construction Coordination at 924-3416 to schedule an inspection.

New Mexico 87103

If you have any questions, you can contact me at 924-3986.

Sincerely,

www.cabq.gov

Abiel Carrillo, P.E.
Principal Engineer, Planning Dept.
Development Review Services

Orig: Drainage file



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: _____ Building Permit #: _____ City Drainage #: _____

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Owner: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- _____ DRAINAGE REPORT
- _____ DRAINAGE PLAN 1st SUBMITTAL
- _____ DRAINAGE PLAN RESUBMITTAL
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ EROSION & SEDIMENT CONTROL PLAN (ESC)
- _____ ENGINEER'S CERT (HYDROLOGY)
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ ENGINEER'S CERT (TCL)
- _____ ENGINEER'S CERT (DRB SITE PLAN)
- _____ ENGINEER'S CERT (ESC)
- _____ SO-19
- _____ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

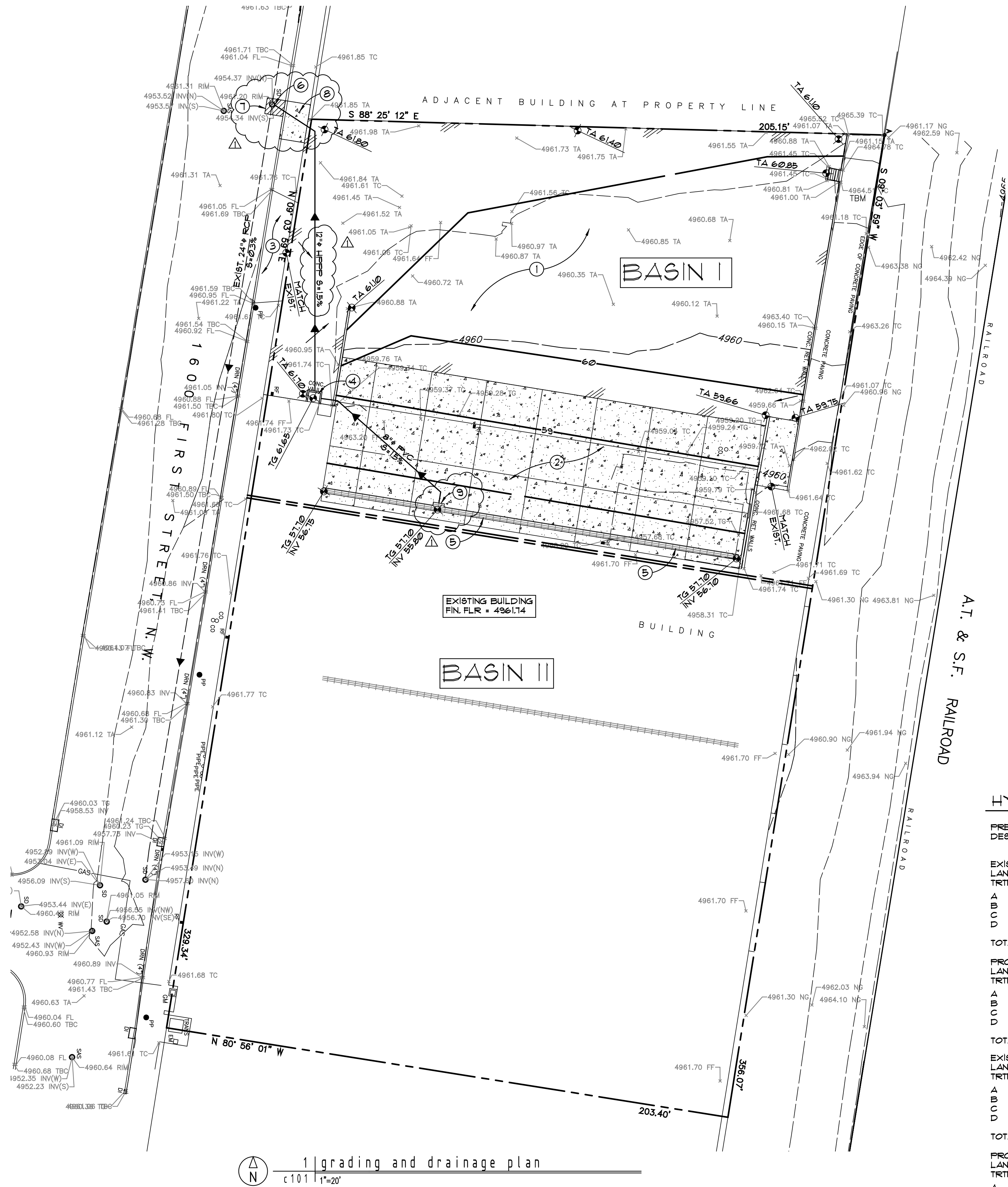
- _____ SIA/FINANCIAL GUARANTEE RELEASE
- _____ PRELIMINARY PLAT APPROVAL
- _____ S. DEV. PLAN FOR SUB'D APPROVAL
- _____ S. DEV. FOR BLDG. PERMIT APPROVAL
- _____ SECTOR PLAN APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY (PERM)
- _____ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- _____ FOUNDATION PERMIT APPROVAL
- _____ BUILDING PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ WORK ORDER APPROVAL
- _____ GRADING CERTIFICATION
- _____ SO-19 APPROVAL
- _____ ESC PERMIT APPROVAL
- _____ ESC CERT. ACCEPTANCE
- _____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes _____ No _____ Copy Provided

DATE SUBMITTED: _____ By: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



KEYED NOTES

- 4" ASPHALT PAVING OVER 3" MIN. RECYCLED ASPHALT BASE COURSE PER DETAIL 1/C201
- 6" CONCRETE PAVING OVER 4" MIN. RECYCLED ASPHALT BASE COURSE PER DETAIL 2/C201
- EXISTING CONCRETE DRIVE PAD TO REMAIN
- REMOVE EXISTING CONCRETE VAULT AND CONSTRUCT NEW VAULT PER DETAIL 3/C201
- NEW DOCK TRENCH DRAIN PER DETAIL 5/C201
- CONNECT NEW STORM DRAIN LINE TO EXISTING MANHOLE SIMILAR TO C.O.A. STANDARD DRAWING #2231 - INVERT ELEVATION 4955.00
- REMOVE AND REPLACE STREET PAVING PER C.O.A. STANDARD DRAWING #2465
- REMOVE AND REPLACE PCC SIDEWALK PER C.O.A. STANDARD DRAWINGS #2430 AND #2415
- CONSTRUCT OIL/WATER SEPARATION BASIN PER DETAIL 6/C201

LEGEND

- PROPERTY LINE
- NEW BUILDING LINE
- 4960--- EXISTING CONTOUR
- 60 NEW CONTOUR
- x 4960.85 TA EXISTING SPOT ELEVATION
- 60304 NEW SPOT ELEVATION
- NEW FLOW DIRECTION ARROW
- TA TOP OF ASPHALT
- TC TOP OF CONCRETE OR CURB
- FG FINISHED GRADE
- FF FINISHED FLOOR
- DI DROP INLET
- FL FLOW LINE
- TG TOP OF GRATE
- TW TOP OF WALL
- INV INVERT
- TBC TOP OF BACK OF CURB
- NG NATURAL GRADE
- [Pattern] NEW CONCRETE PAVING
- [Pattern] NEW AC PAVING
- === BASIN LINE

HYDROLOGY CALCULATIONS

PRECIPITATION ZONE 2									
DESIGN STORM: (IN)									
			1hr	6hr	24hr	4day	10day		
			2.01	2.35	2.75	3.30	3.95		
EXISTING CONDITIONS - BASIN I									
LAND TRT/MNT	AREA (ACRE)	AREA %	P ₆ (CFS/AC)	Q (CFS)	V ₆ (CF)	V ₂₄ (CF)	V _{4DAY} (CF)	V _{10DAY} (CF)	
A	0.000	0%	0.53	1.56	0.00	0	0	0	
B	0.000	0%	0.78	2.28	0.00	0	0	0	
C	0.000	0%	1.13	3.14	0.00	0	0	0	
D	0.100	100%	2.12	4.70	3.29	5.381	6.403	7.801	9.453
TOTALS	0.100	100%			3.29	5.381	6.403	7.801	9.453
PROPOSED CONDITIONS - BASIN I									
LAND TRT/MNT	AREA (ACRE)	AREA %	P ₆ (CFS/AC)	Q (CFS)	V ₆ (CF)	V ₂₄ (CF)	V _{4DAY} (CF)	V _{10DAY} (CF)	
A	0.000	0%	0.53	1.56	0.00	0	0	0	
B	0.000	0%	0.78	2.28	0.00	0	0	0	
C	0.000	0%	1.13	3.14	0.00	0	0	0	
D	0.100	100%	2.12	4.70	3.29	5.381	6.403	7.801	9.453
TOTALS	0.100	100%			3.29	5.381	6.403	7.801	9.453
EXISTING CONDITIONS - BASIN II									
LAND TRT/MNT	AREA (ACRE)	AREA %	P ₆ (CFS/AC)	Q (CFS)	V ₆ (CF)	V ₂₄ (CF)	V _{4DAY} (CF)	V _{10DAY} (CF)	
A	0.000	0%	0.53	1.56	0.00	0	0	0	
B	0.000	0%	0.78	2.28	0.00	0	0	0	
C	0.000	0%	1.13	3.14	0.00	0	0	0	
D	0.913	100%	2.12	4.70	4.29	7.026	8.352	10.175	12.329
TOTALS	0.913	100%			4.29	7.026	8.352	10.175	12.329
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B	0.000	0%	0.78	2.28	0.00	0	0	0	
C	0.000	0%	1.13	3.14	0.00	0	0	0	
D	0.913	100%	2.12	4.70	4.29	7.026	8.352	10.175	12.329
TOTALS	0.913	100%			4.29	7.026	8.352	10.175	12.329

LEGAL DESCRIPTION

A TRACT OF LAND LYING AND SITUATE WITHIN THE TOWN OF ALBUQUERQUE GRANT, PROJECTED SECTION 17, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMPRISING OF LOTS NUMBERED ONE THROUGH 12 INCLUSIVE IN BLOCK NUMBERED SEVENTEEN, AND THE VACATED NORTH FORTY FEET OF KINLEY AVENUE, NW, ADJACENT TO AND COINCIDENT WITH SAID LOT TWELVE, AND LOTS ONE THROUGH 6 INCLUSIVE IN BLOCK NUMBERED SIXTEEN, AND VACATED CONSTITUTION AVENUE BETWEEN SAID BLOCKS SIXTEEN AND SEVENTEEN OF THE PARIS ADDITION, AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE EDEX OFFICIO RECORDER OF BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 29, 1892,

TOGETHER WITH THE REMAINING PORTIONS OF LOTS NUMBERED ONE AND TWO AND ALL OF LOTS NUMBERED THREE THROUGH SEVEN INCLUSIVE IN BLOCK NUMBERED ONE OF THE ANDERSON ADDITION, AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE EX OFFICIO RECORDER OF BERNALILLO COUNTY, NEW MEXICO ON MAY 14, 1921, SAID TRACT BEING BOUNDED ON THE NORTH BY PARCEL "A" OF THE BRIGHTWOOD AND ANDERSON ADDITION, ON THE WEST BY FIRST STREET, NW, ON THE SOUTH BY THE REMAINING PORTION OF KINLEY AVENUE, NW, AND ON THE EAST BY THE NEW MEXICO DEPARTMENT OF TRANSPORTATION RAILROAD RIGHT OF WAY.

DESIGN NARRATIVE

THE SUBJECT PROJECT IS THE REMOVAL OF A SMALL SECTION OF AN EXISTING BUILDING ALONG WITH A SMALL SERVICE BUILDING ON THIS SITE TO CONSTRUCT A NEW DOCK WELL THAT WILL PROVIDE BETTER DELIVERY SERVICES TO THIS WAREHOUSE STRUCTURE. THE WORK INCLUDES REGRADING AND REPAVING OF THE NORTH PARKING LOT ON THIS SITE. THE HYDROLOGIC CHARACTERISTICS OF THE PROPERTY WILL NOT CHANGE AS THE DEMOLISHED ROOF WILL BE REPLACED WITH PAVING, HOWEVER THE DISCHARGE OF SITE DEVELOPED RUNOFF WILL BE UPGRADED WITH THIS CONSTRUCTION. CURRENTLY, THE EXISTING DOCK DRAIN FLOWS INTO A VAULT WITH A PUMP THAT DISCHARGES THRU THE CURB ON 1ST STREET. THIS SYSTEM WILL BE DEMOLISHED AND THE NEW DOCK DRAIN WILL BE PUMPED TO AN EXISTING STORM DRAIN MANHOLE IN 1ST STREET NEAR THE NORTH END OF THE PROPERTY. THE SITE GRADES CANNOT BE RAISED TO PROVIDE SLOPED PAVING THAT SURFACE FLOWS TO THE STREET SO ALL OF THE PARKING LOT AND DOCK AREA WILL BE PUMPED TO THE MANHOLE RATHER THAN DISCHARGE TO THE STREET THRU THE CURB. NO OFFSITE RUNOFF CURRENTLY ENTERS THE SITE AND THE NEW DESIGN WILL NOT HANDLE ANY OFFSITE RUNOFF EITHER. THE DOWNSIDE FACILITY IS A 24" DIAMETER STORM DRAIN THAT FLOWS SOUTH IN 1ST STREET AND THE IMPACT TO THIS FACILITY WILL NOT BE CHANGED WITH THIS NEW CONSTRUCTION.

EROSION CONTROL PLAN

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
- REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING NPDES PERMIT FOR THE SITE, IF NECESSARY.

- DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR
- AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
 - ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
 - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE LINE LOCATING SERVICE, NEW MEXICO ONE CALL 260-1992 (N1 ONE CALL "811") FOR THE LOCATION OF EXISTING UTILITIES.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
 - MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
 - WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

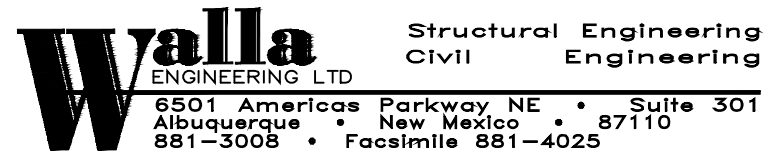


BENCHMARK

ACS STA 17-J14 CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT, BEING A 3-1/4 INCH ALUMINUM DISC, STAMPED "J-14 1983", SET FLUSH WITH THE TOP OF THE CONCRETE AT THE INTERSECTION OF LOMAS BOULEVARD NW AND EIGHTH STREET NW. ELEV. 4957.484 (NAVD 1988)

TEMPORARY BENCHMARK (TBM)

TOP OF EXISTING CONCRETE WALL SOUTH SIDE OF STAIR. ELEV. 4964.51



LOADING DOCK REMODEL

1600 1st St NW
Albuquerque NM 87102



413 second st sw
albuquerque nm
87102
5052460870
slagleherr.com

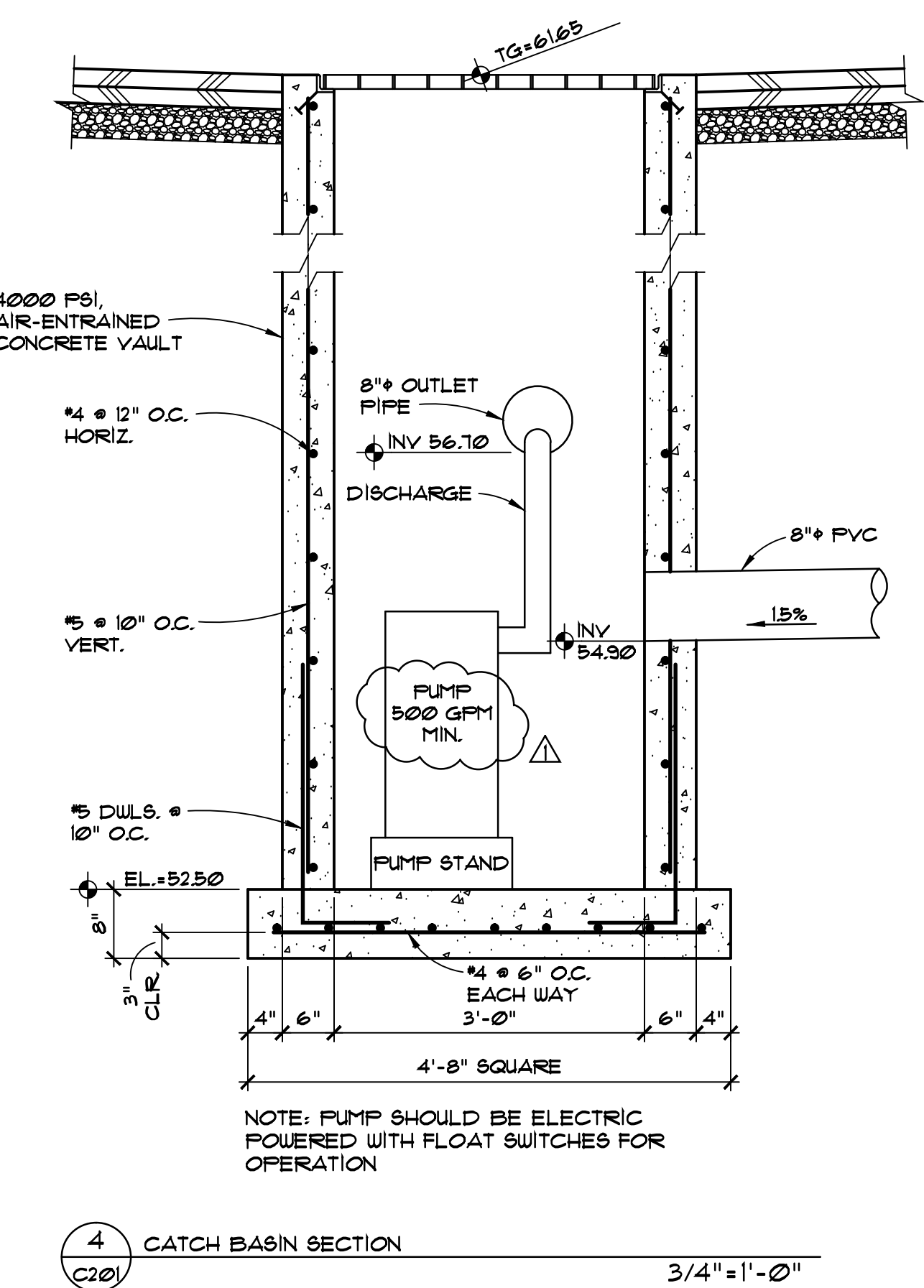
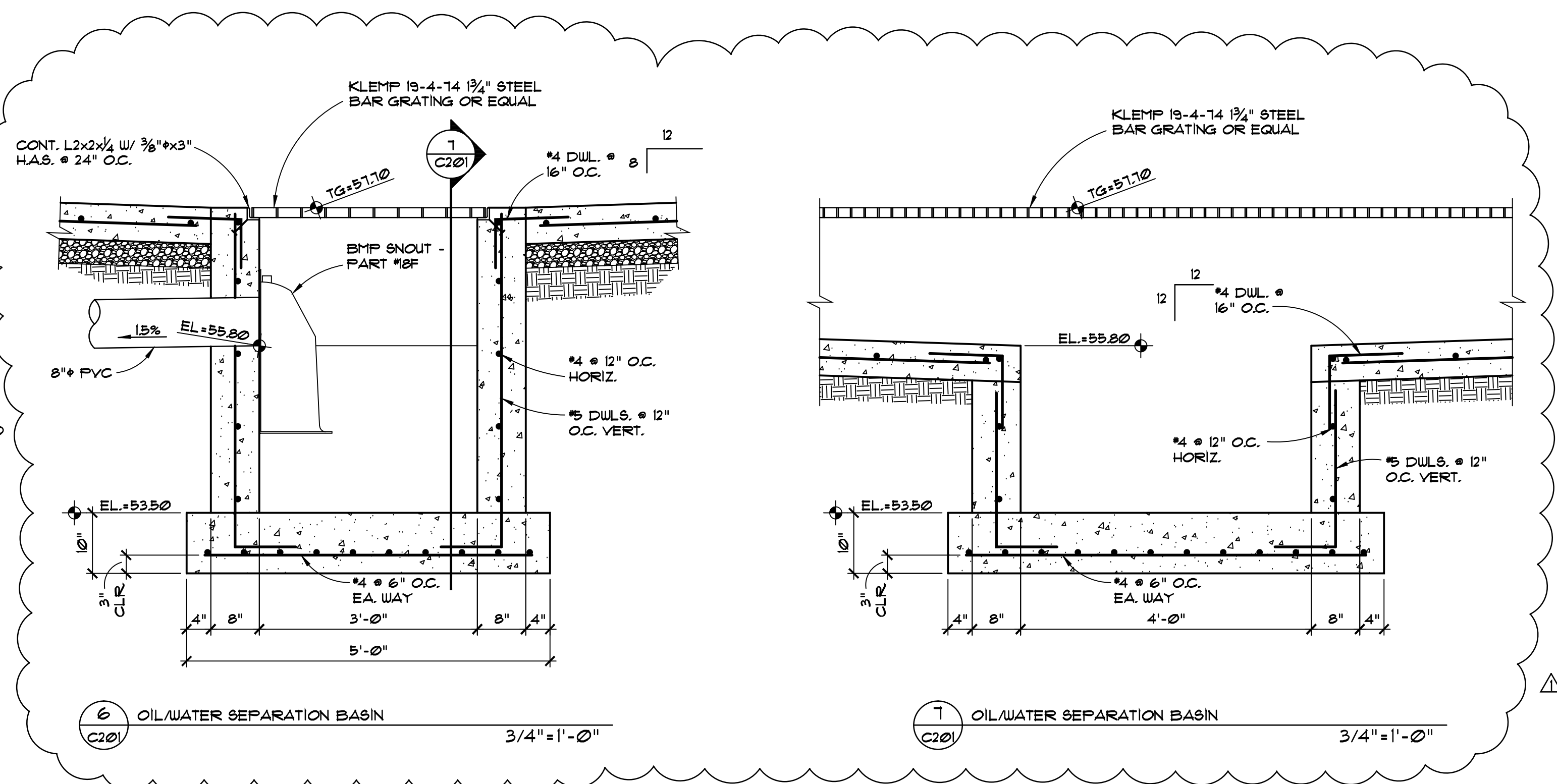
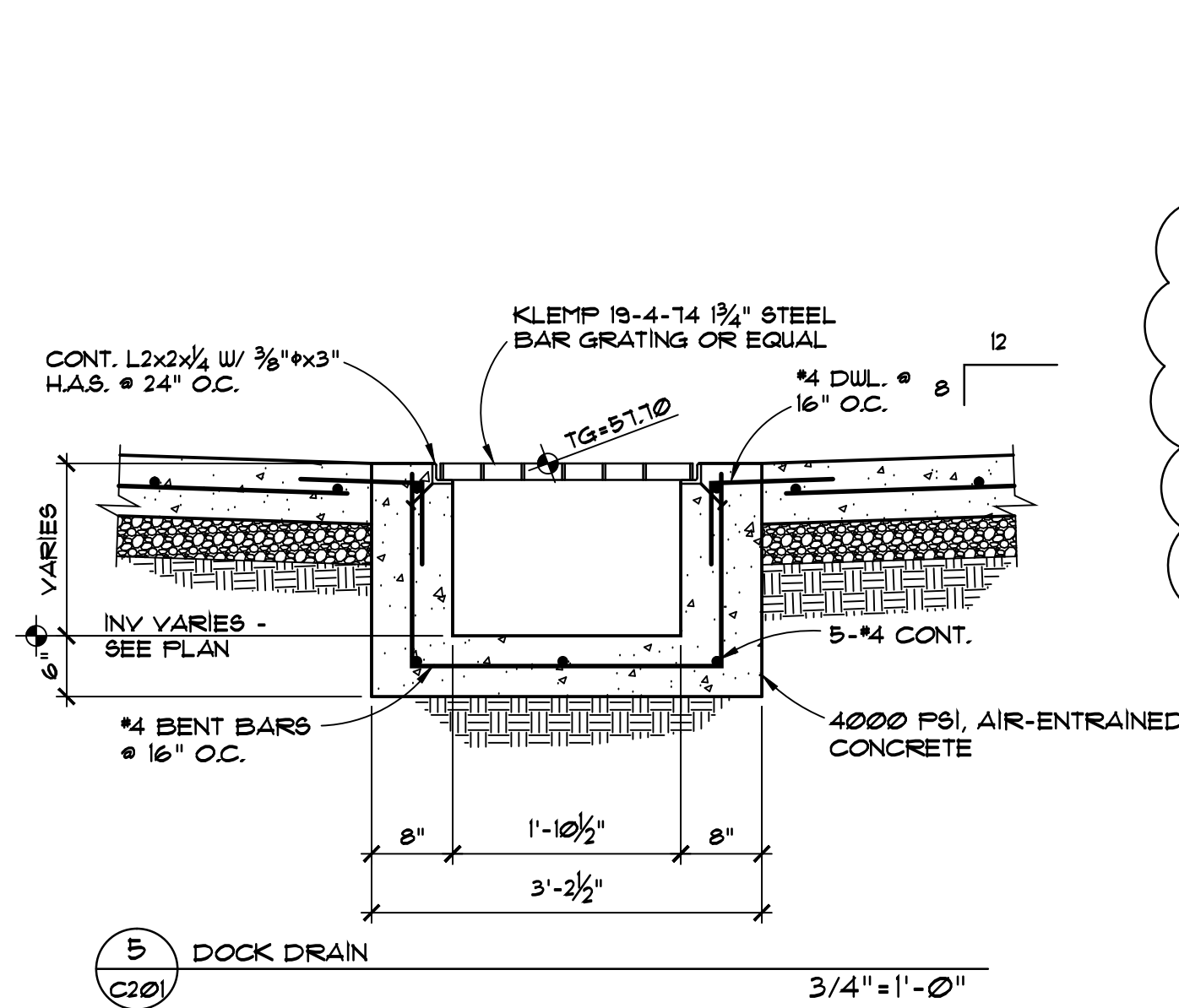
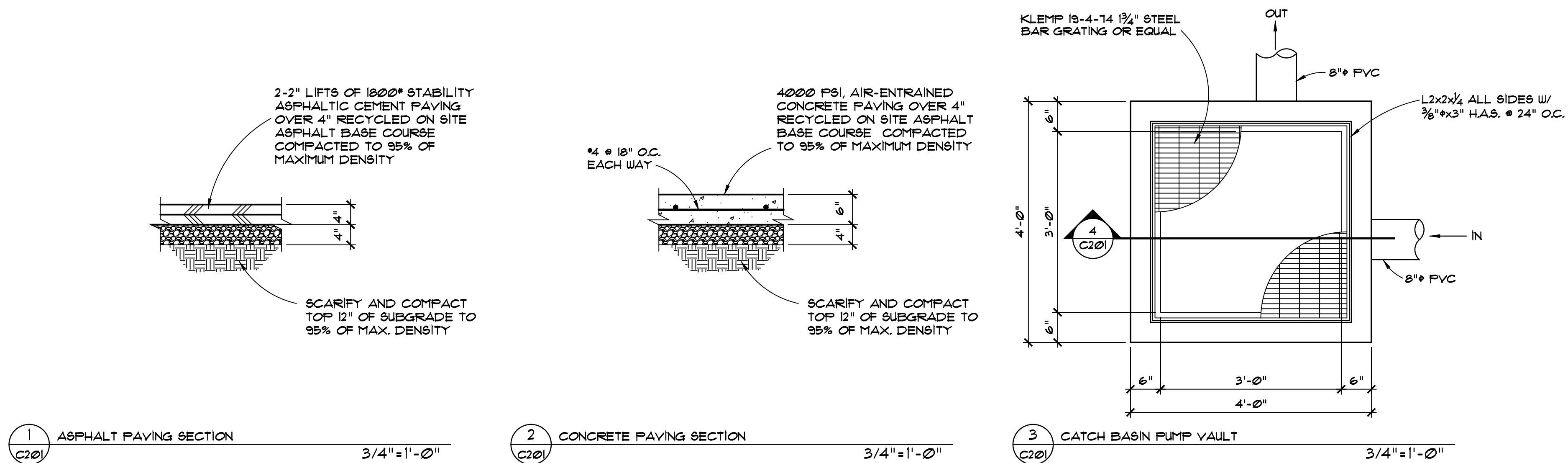
GRADING AND DRAINAGE PLAN



revisions

△ C.O.A. COMMENTS 12-22-15

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12-15-15
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C101

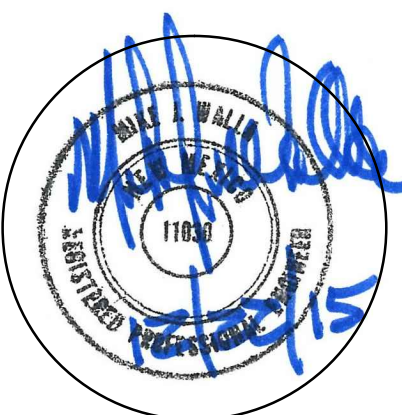


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 881-3008 Facsimile 881-4025

LOADING DOCK REMODEL
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 87102
 505 246 0870
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CIVIL DETAILS



revisions

△ C.O.A. COMMENTS 12-22-15

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