

CITY OF ALBUQUERQUE



August 18, 2014

Mike Walla, P.E.
Walla Engineering
6501 Americas Parkway Suite 301
Albuquerque, New Mexico 87110

**RE: Comanche Elementary School Phase II
Grading and Drainage Plan
Engineers Stamp Date 6/18/14 (G19D037)**

Dear Mr. Walla,

Based upon the information provided in your submittal received 8/11/14, the above referenced Grading and Drainage Plan is approved for Building Permit. Please attach a copy of this approved plan in the construction sets when submitting for a building permit.

PO Box 1293

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

An Erosion and Sediment Control Plan (ESC) must be prepared, submitted and approved by the Hydrology Department for 1 acre or more.

New Mexico 87103

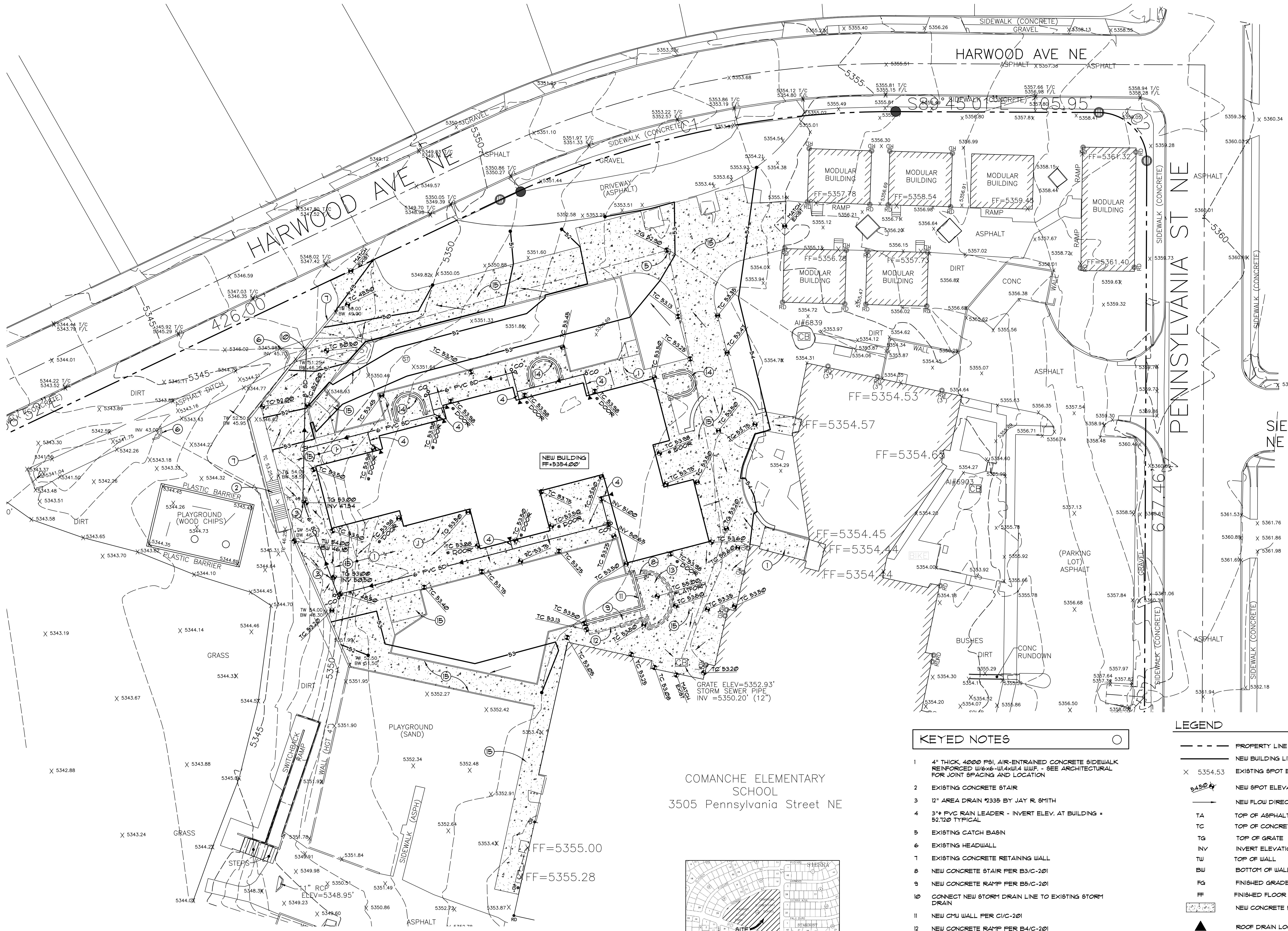
If you have any questions, please contact me at 924-3695. .

www.cabq.gov

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

Orig: Drainage file
c.pdf: via Email: Recipient, Tim Sims, Monica Ortiz



A1 GRADING and DRAINAGE PLAN
SCALE: 1"=20'-0"

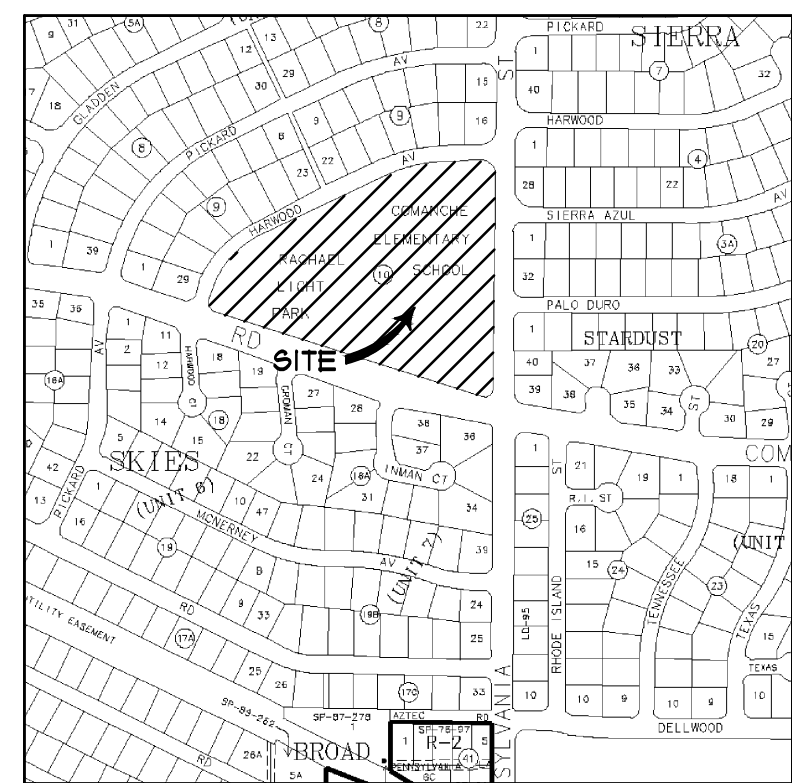
LEGAL DESCRIPTION

BLOCK 10 UNIT 3 OF STARDUST SKIES ALBUQUERQUE,
BERNALILLO COUNTY, NEW MEXICO

BENCHMARK

CONTROL STATION "DECKERS"
THE STATION MARK IS A USC468 BRA88 DISC STAMPED
"DECKER 1969".
LOCATED 6 MILES NORTHEAST OF DOWNTOWN
ALBUQUERQUE ON THE GROUNDS OF THE CITY OWNED
LEYENDECKER WATER PUMP STATION.
(CENTRAL ZONE)
X=1544585.553
Y=1502999.554
ELEV=5293.02 (NAVD 88)
GROUND-TO-GRID FACTOR=1.0003421314

COMANCHE ELEMENTARY SCHOOL
3505 Pennsylvania Street NE



VICINITY MAP G-19-Z

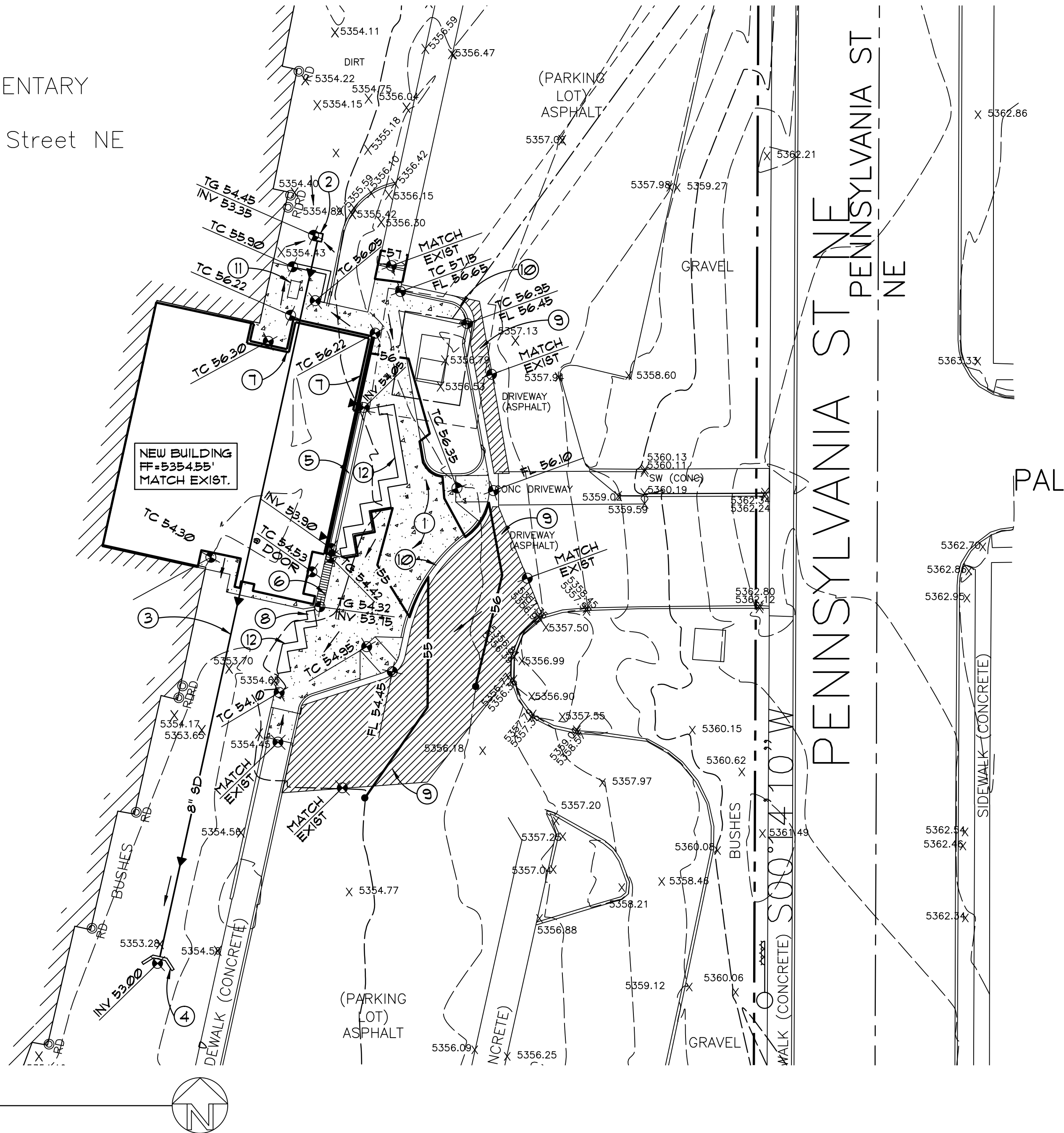
KEYED NOTES

- 4" THICK, 4000 PSI, AIR-ENTRAINED CONCRETE SIDEWALK REINFORCED W/6x6-W4xW4 WWF. - SEE ARCHITECTURAL FOR JOINT SPACING AND LOCATION
- EXISTING CONCRETE STAIR
- 12" AREA DRAIN 9335 BY JAY R. SMITH
- 3" PVC RAIN LEADER - INVERT ELEV. AT BUILDING = 52.72' TYPICAL
- EXISTING CATCH BASIN
- EXISTING HEADWALL
- EXISTING CONCRETE RETAINING WALL
- NEW CONCRETE STAIR PER B3/C-201
- NEW CONCRETE RAMP PER B5/C-201
- CONNECT NEW STORM DRAIN LINE TO EXISTING STORM DRAIN
- NEW CMU WALL PER C1/C-201
- NEW CONCRETE RAMP PER B4/C-201
- NEW CONCRETE PLATFORM PER B1/C-201
- NEW CMU SCREEN WALL PER C2/C-201
- 6" THICK, 4000 PSI, AIR-ENTRAINED CONCRETE SIDEWALK REINFORCED W/6x6-W2xW2 WWF. - SEE ARCHITECTURAL FOR JOINT SPACING AND LOCATION

LEGEND

- PROPERTY LINE
- NEW BUILDING LINE
- X 5354.53 EXISTING SPOT ELEVATION
- 5354.53 NEW SPOT ELEVATION
- NEW FLOW DIRECTION ARROW
- TA TOP OF ASPHALT
- TC TOP OF CONCRETE
- TG TOP OF GRATE
- INV INVERT ELEVATION
- TW TOP OF WALL
- BW BOTTOM OF WALL
- FG FINISHED GRADE
- FF FINISHED FLOOR
- NEW CONCRETE PAVING
- ▲ ROOF DRAIN LOCATION
- CO CLEAN OUT

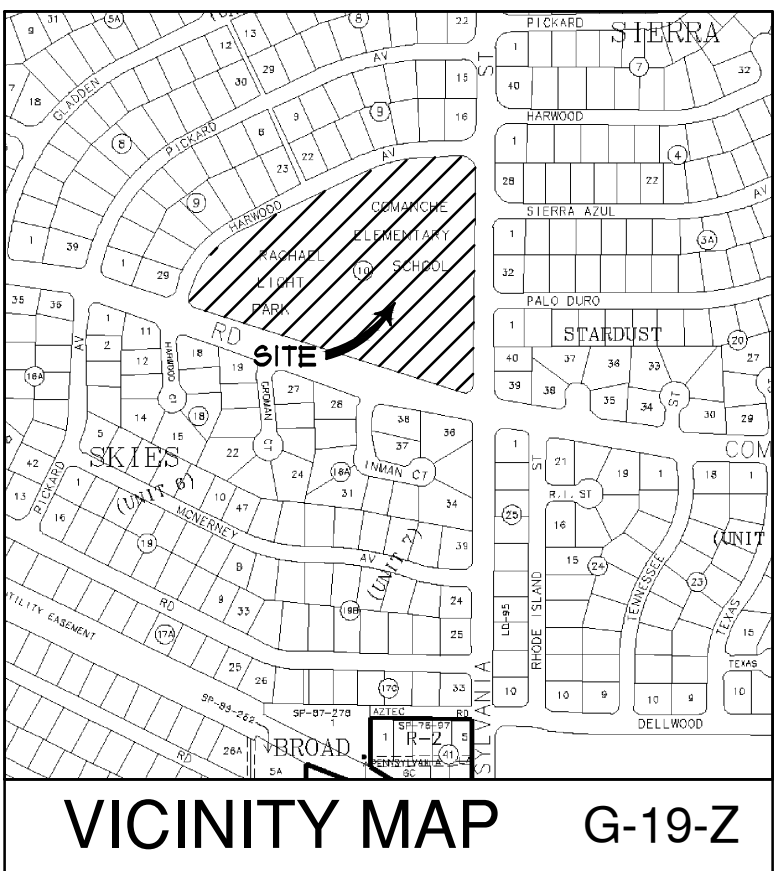
COMANCHE ELEMENTARY
SCHOOL
3505 Pennsylvania Street NE



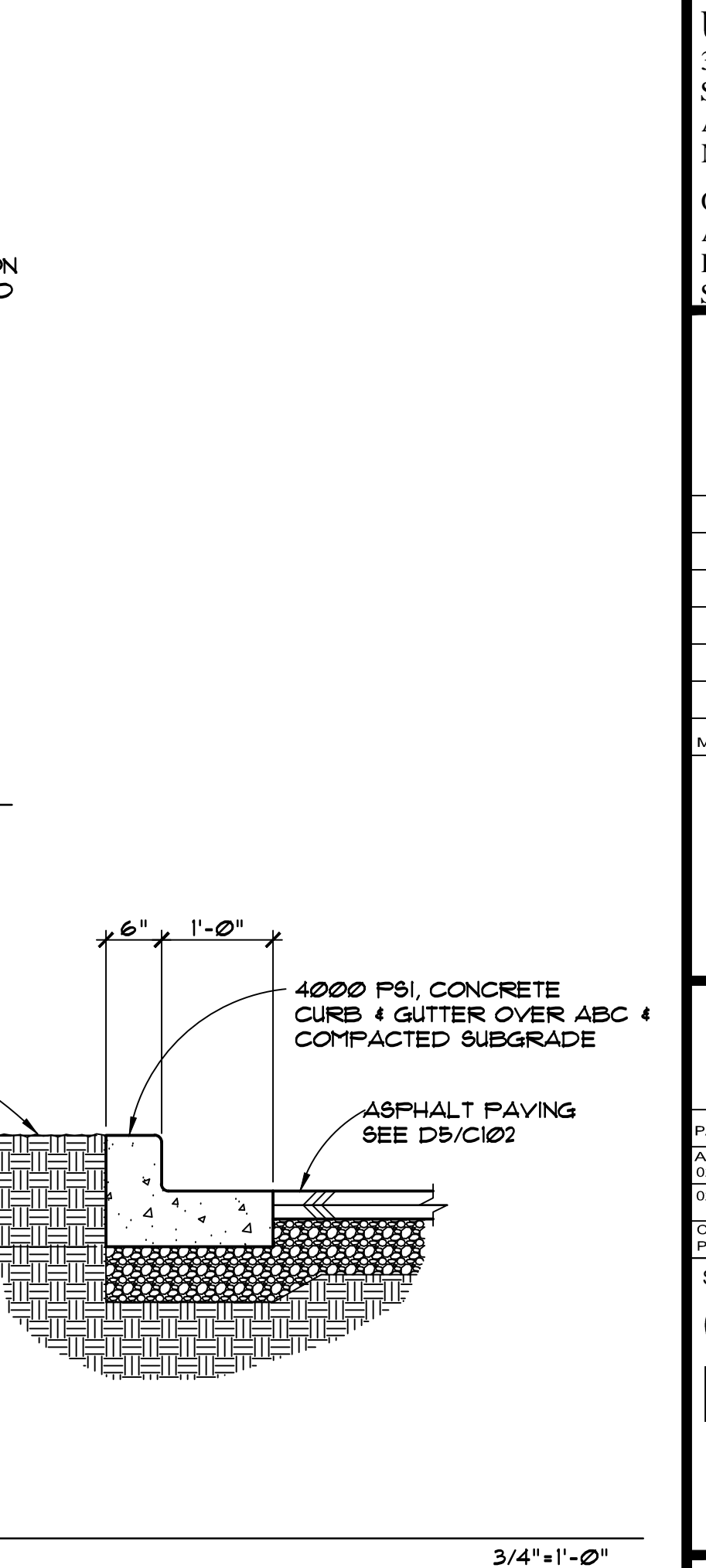
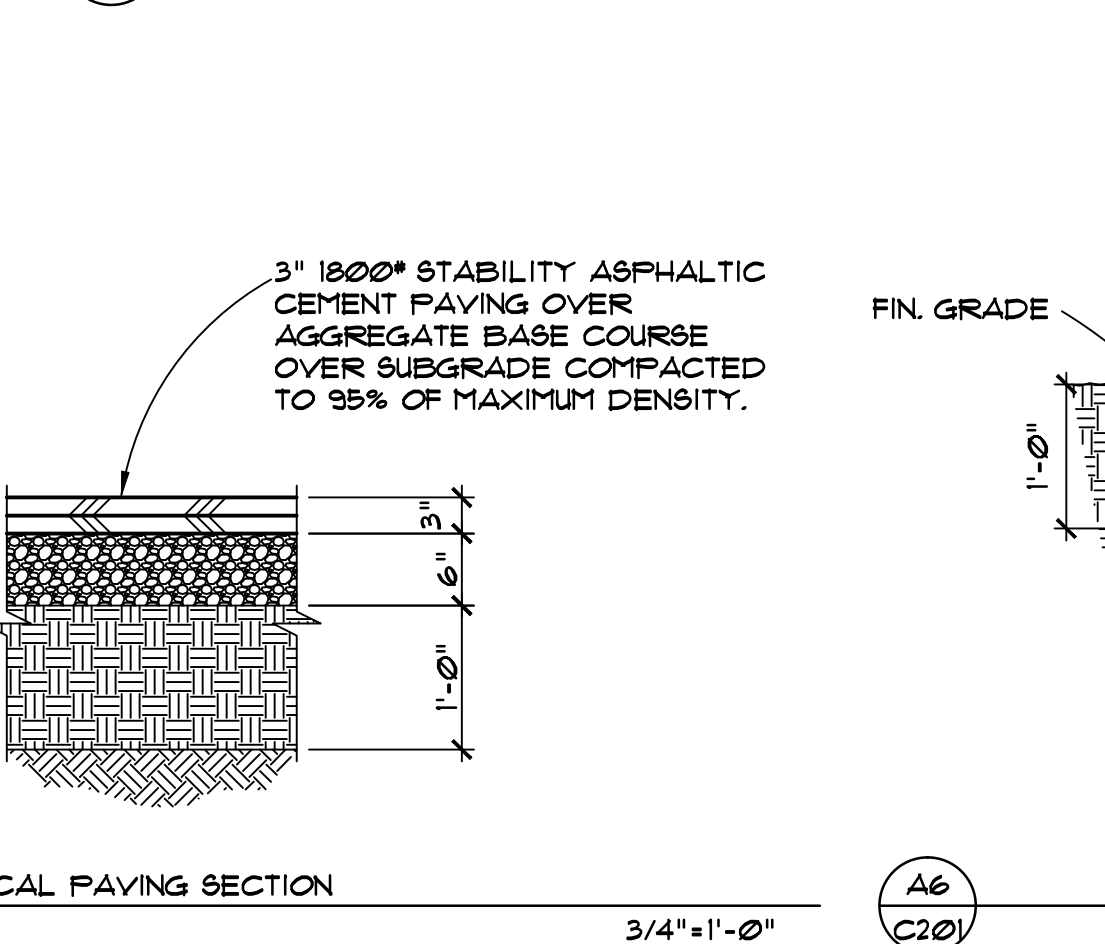
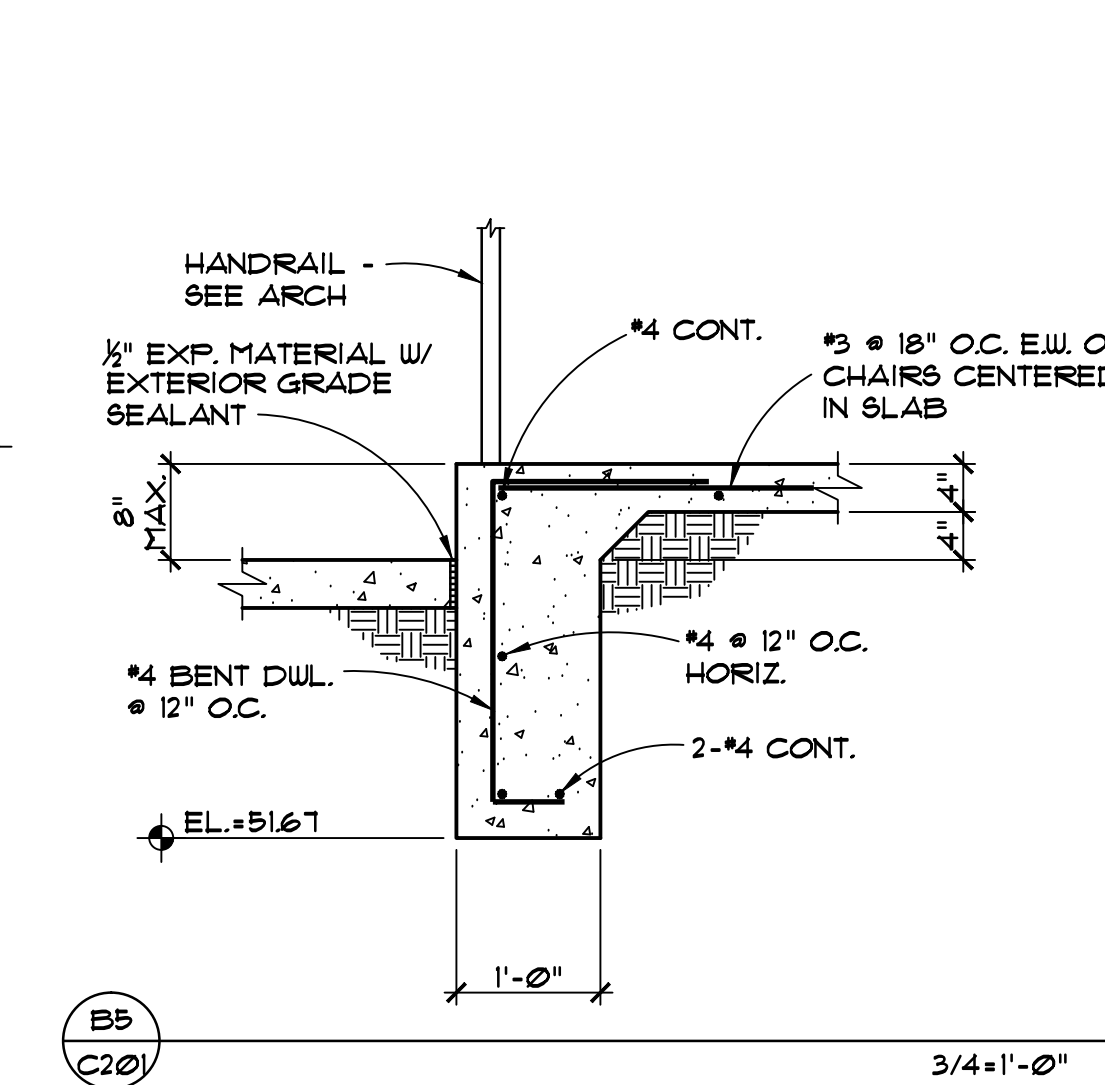
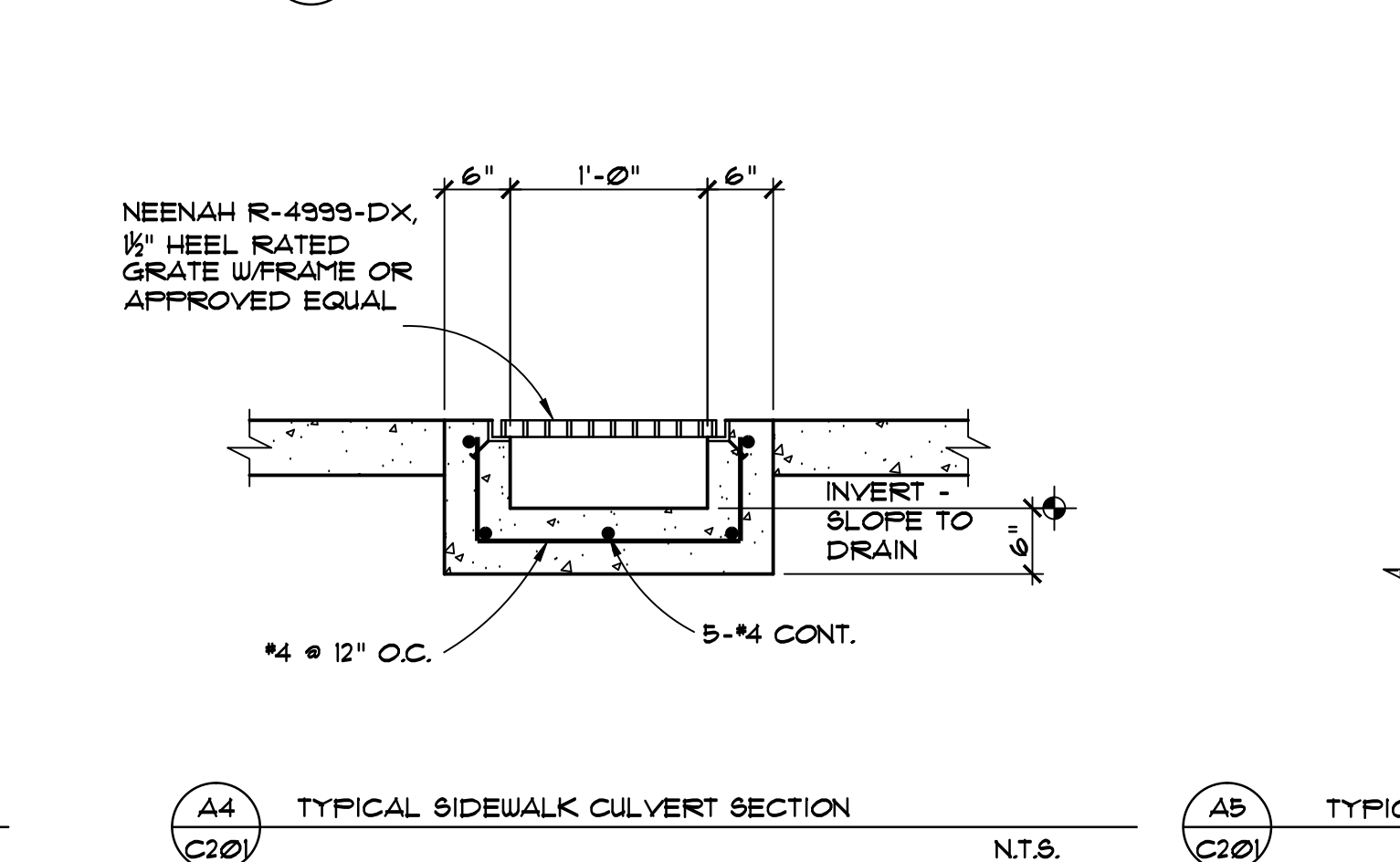
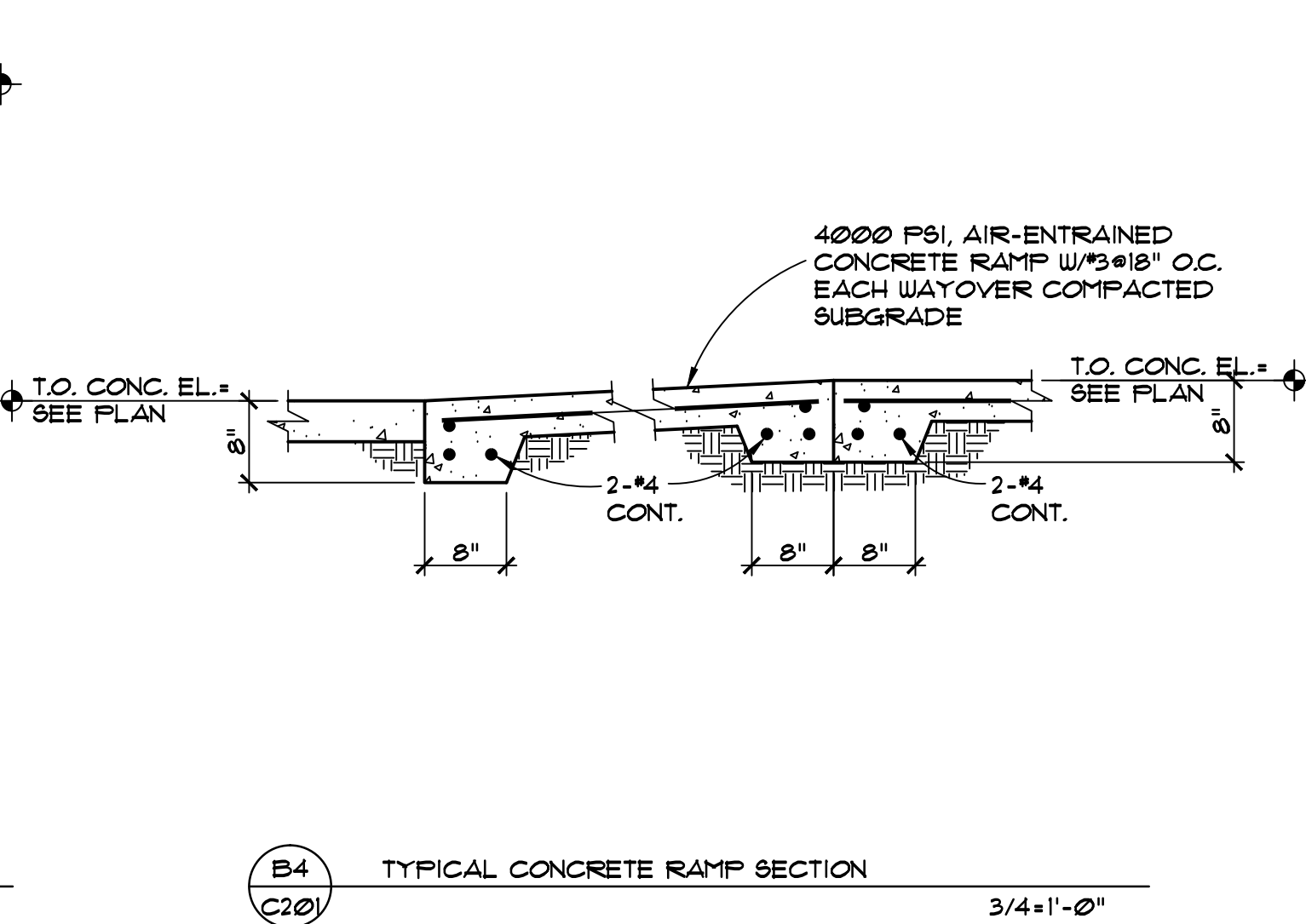
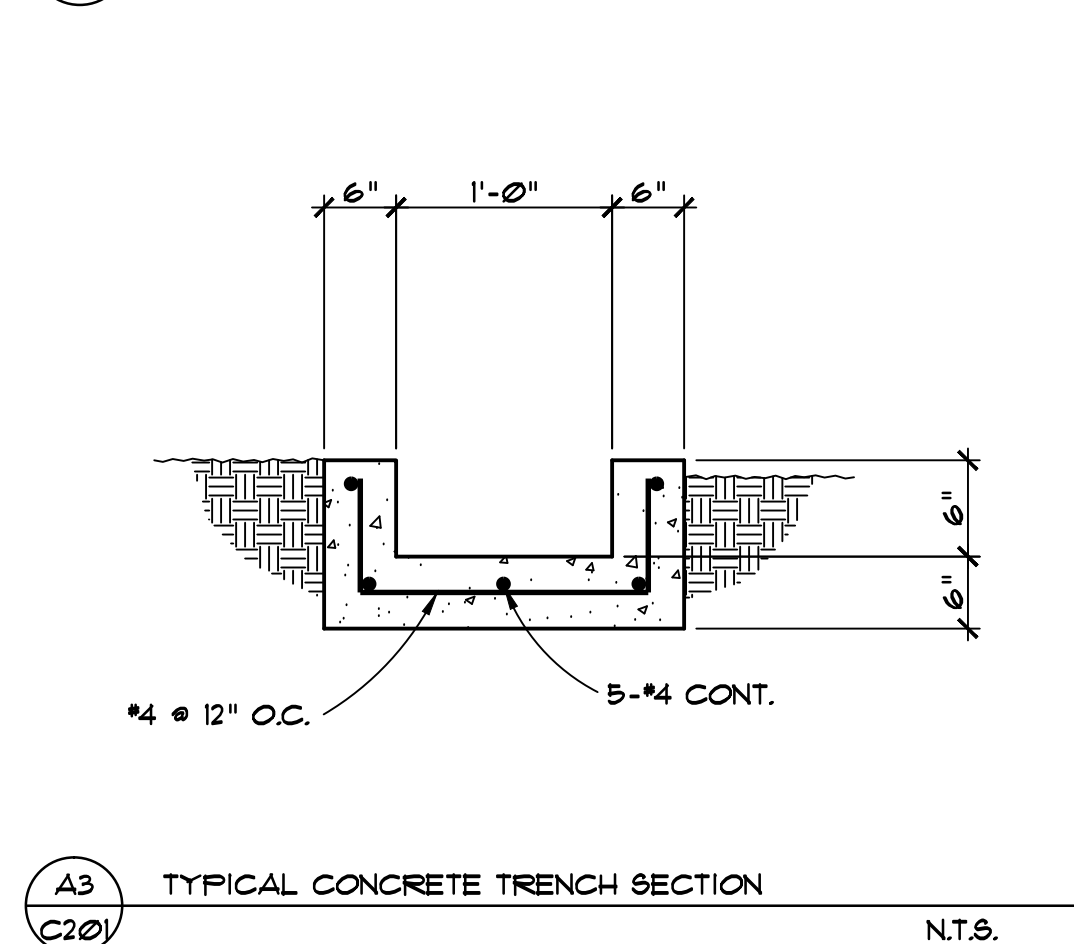
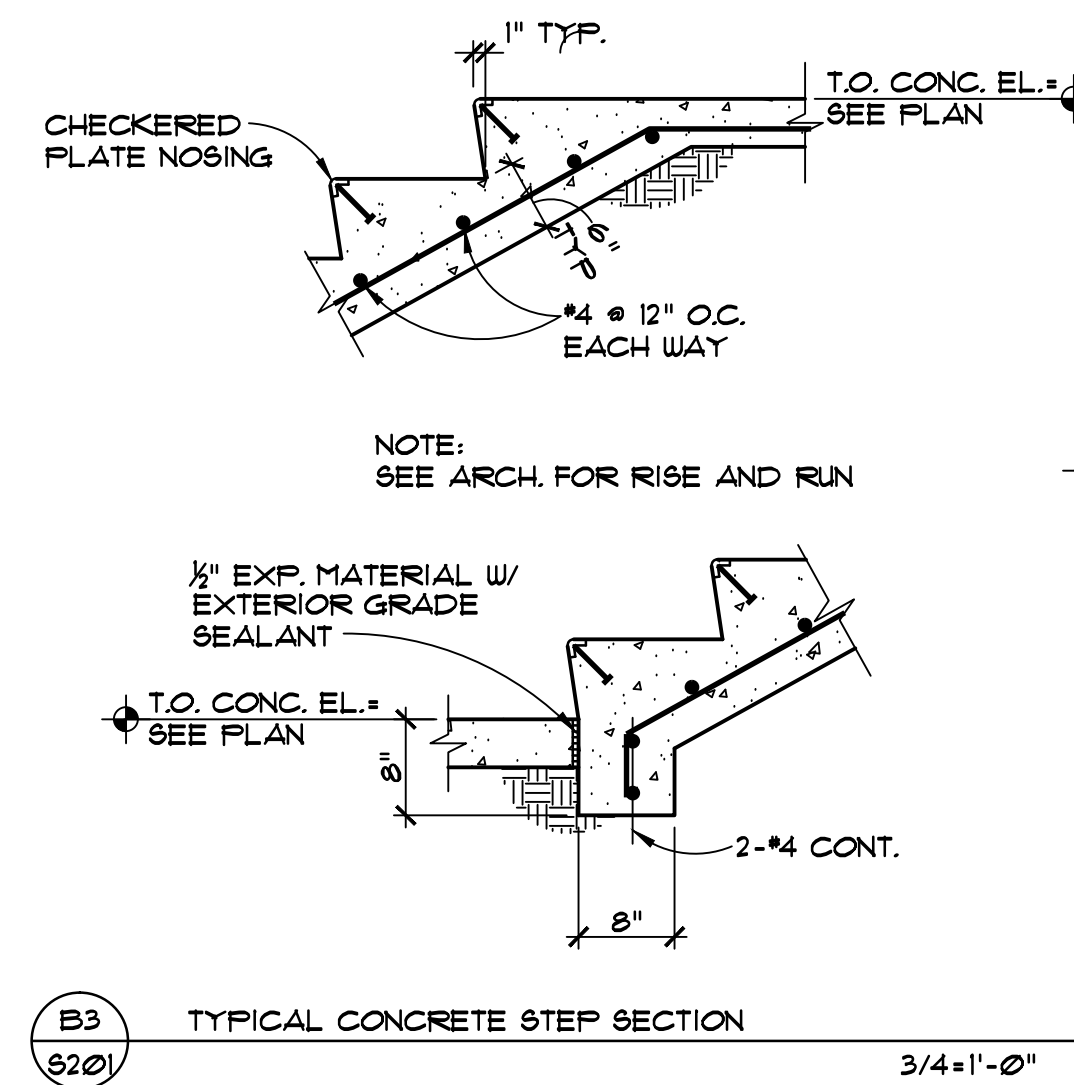
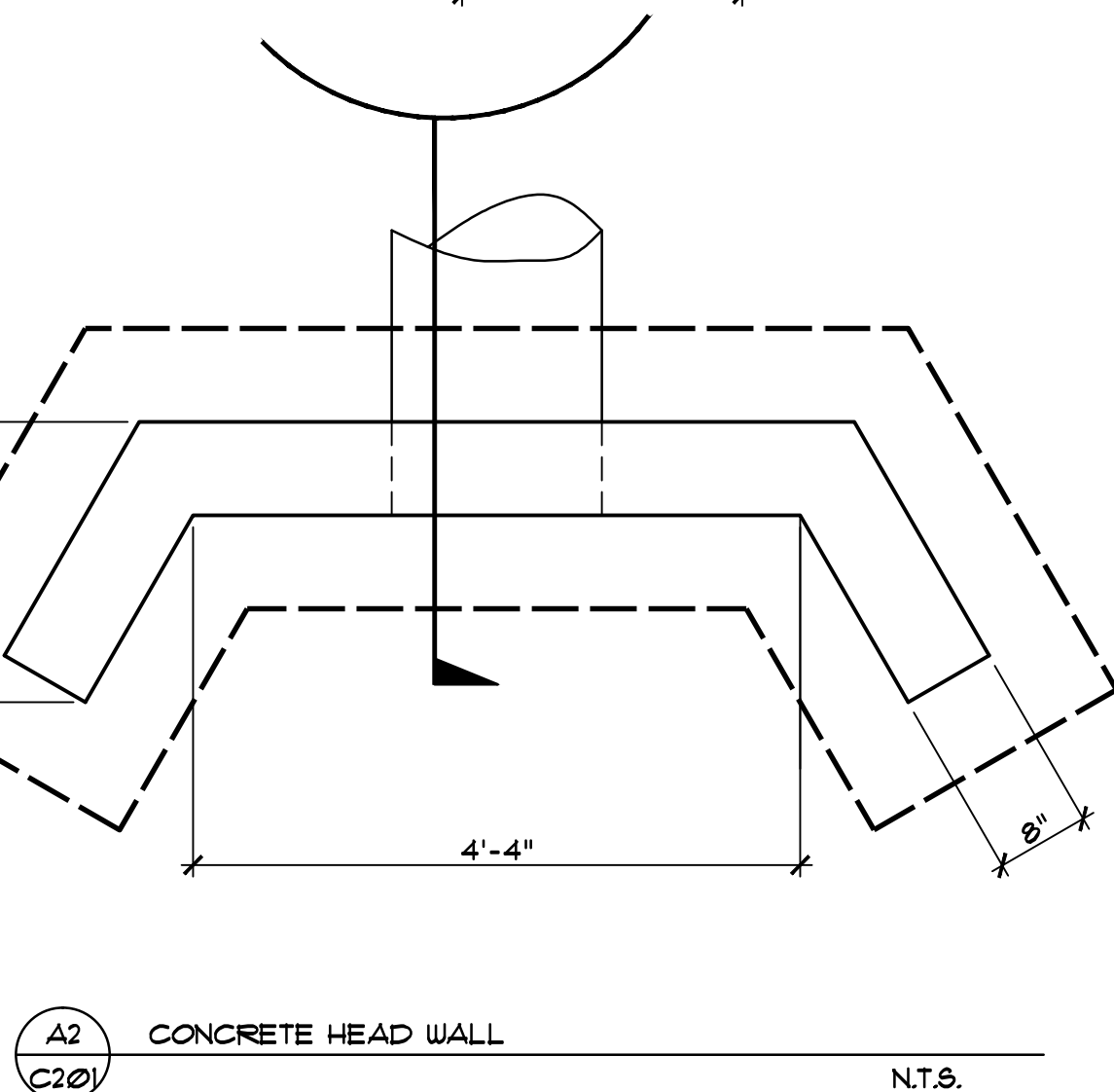
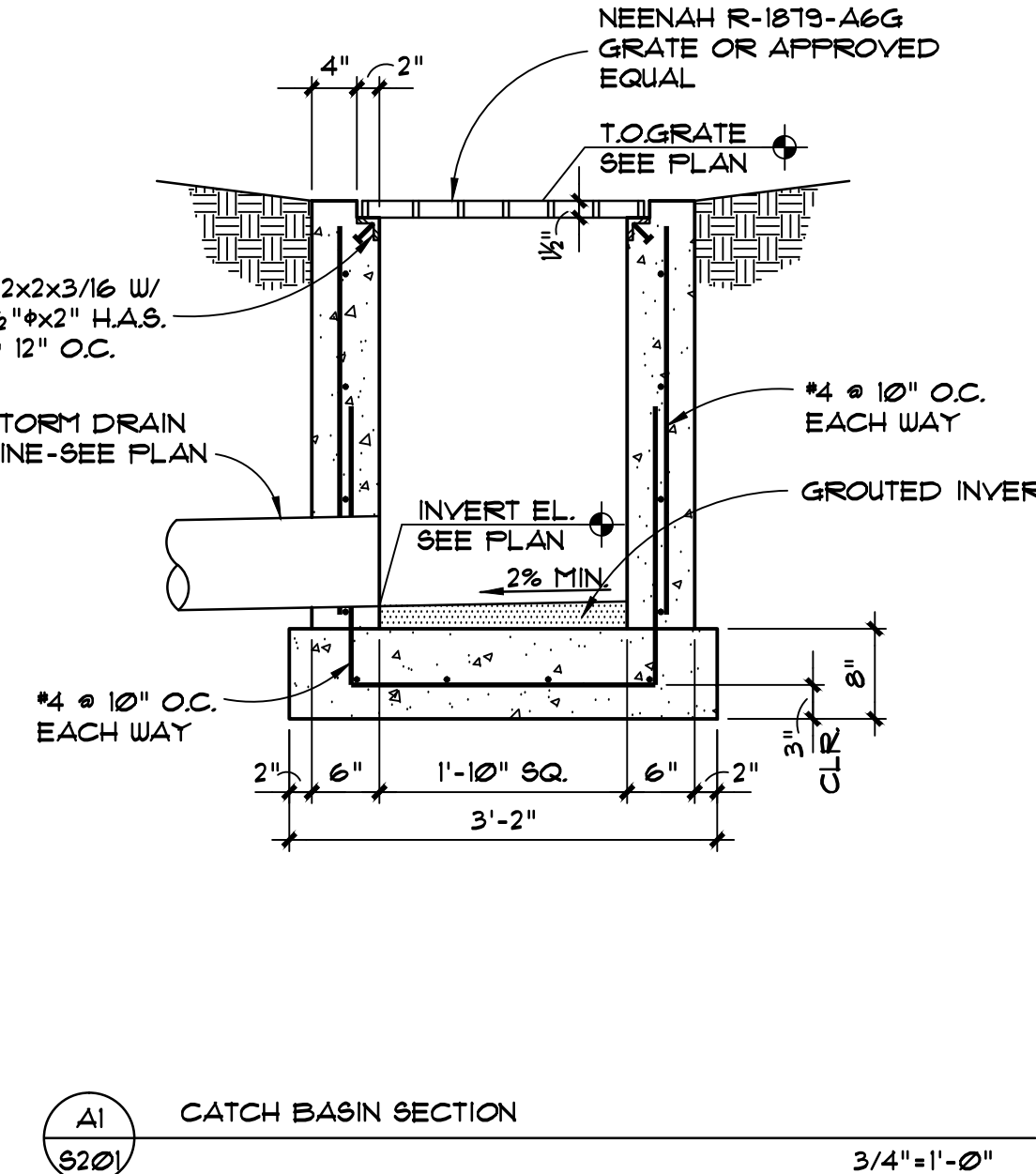
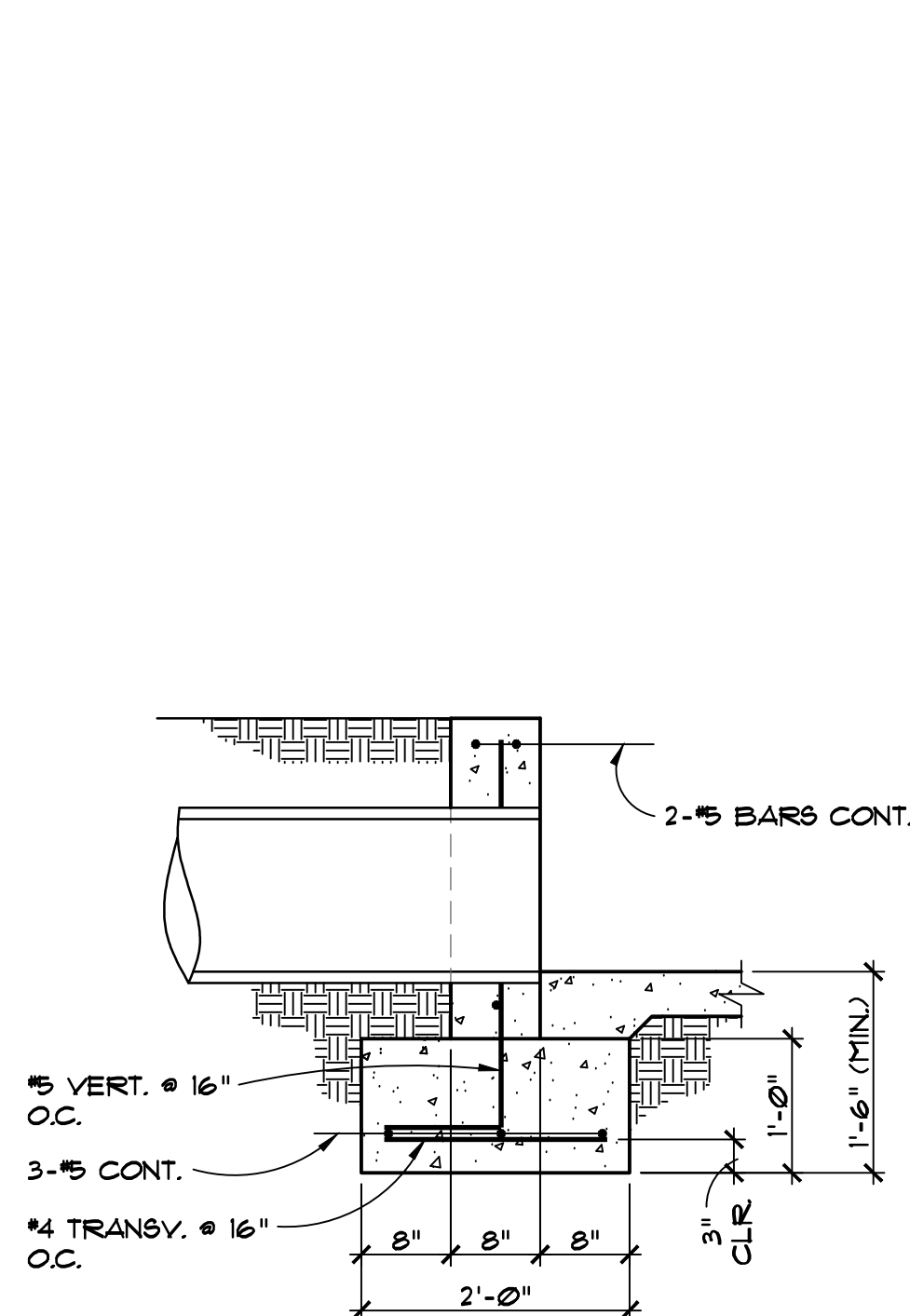
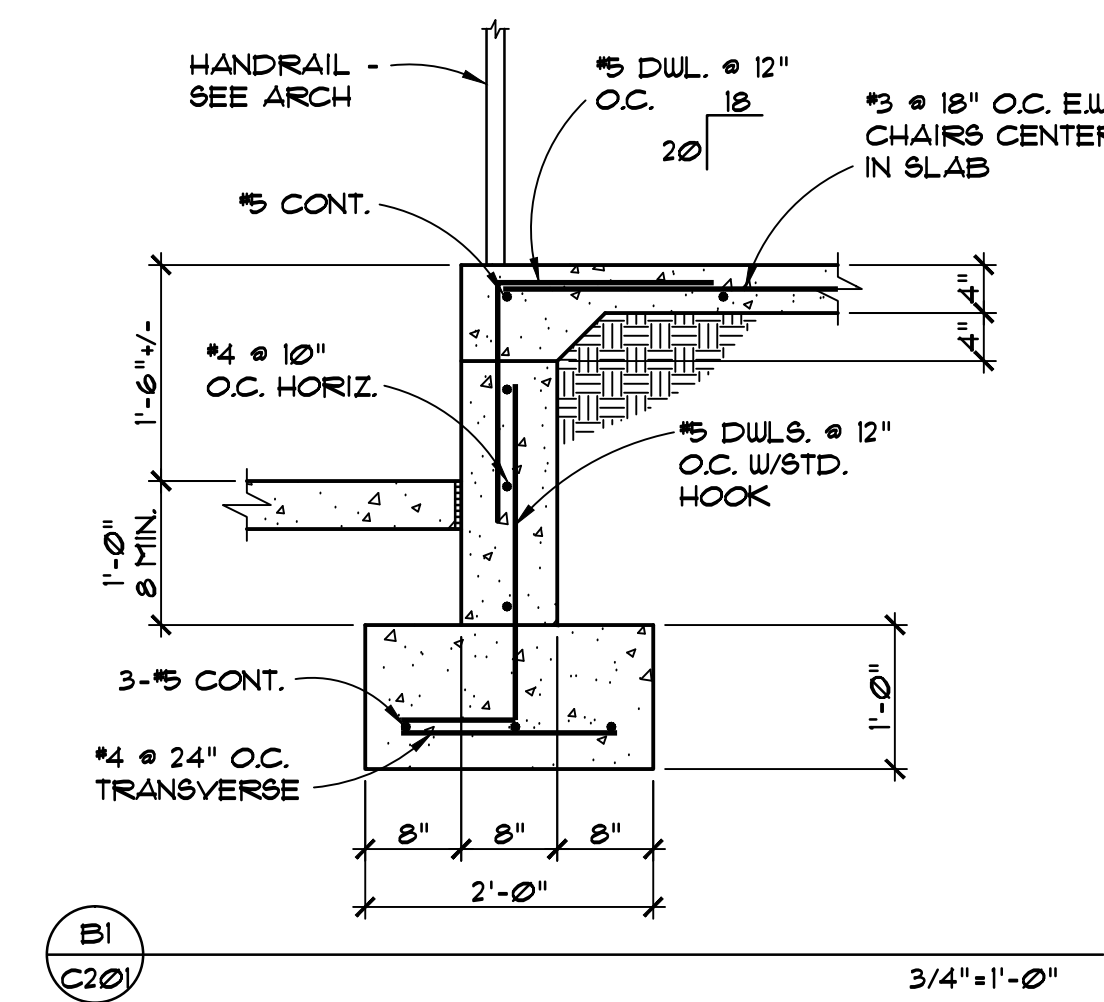
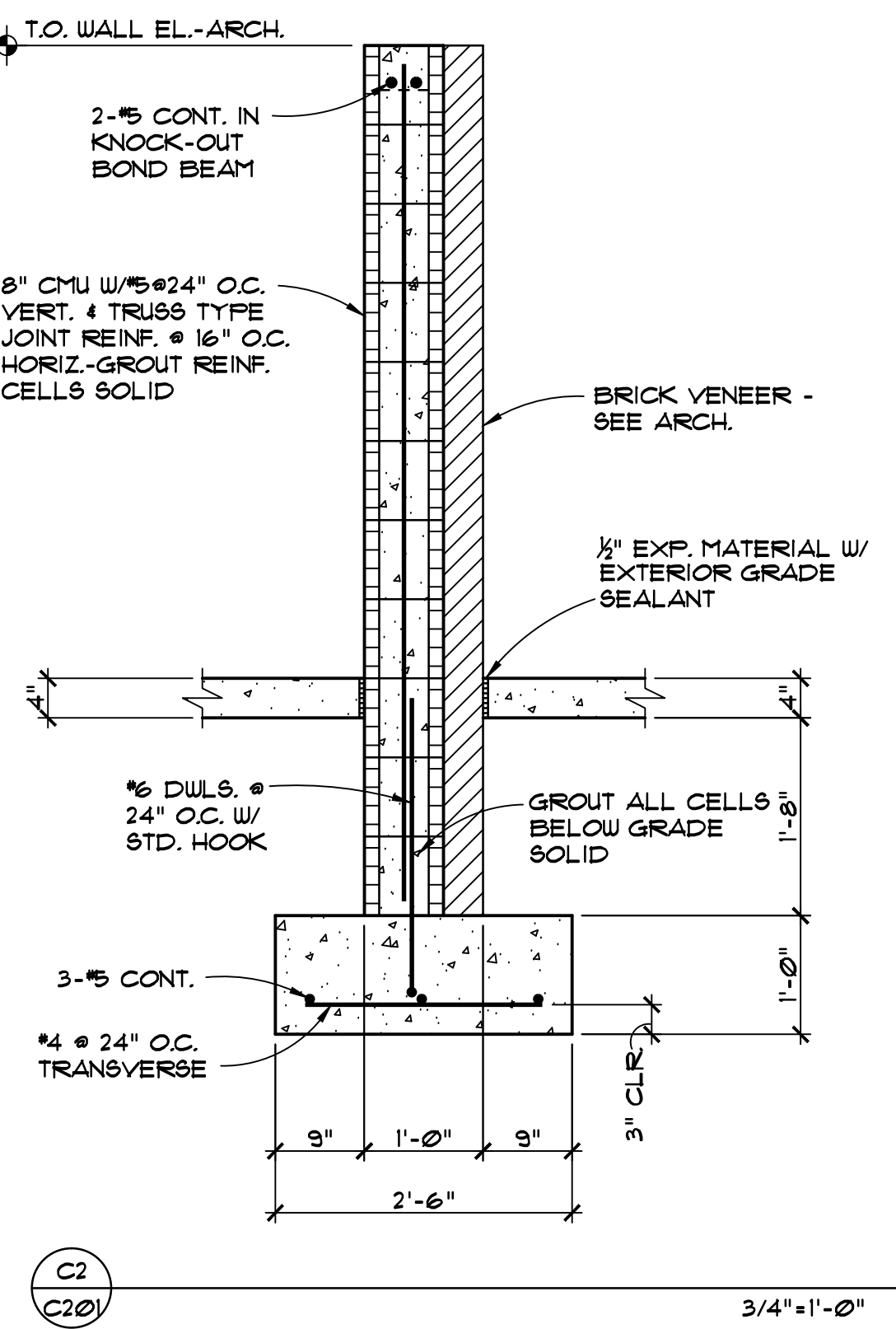
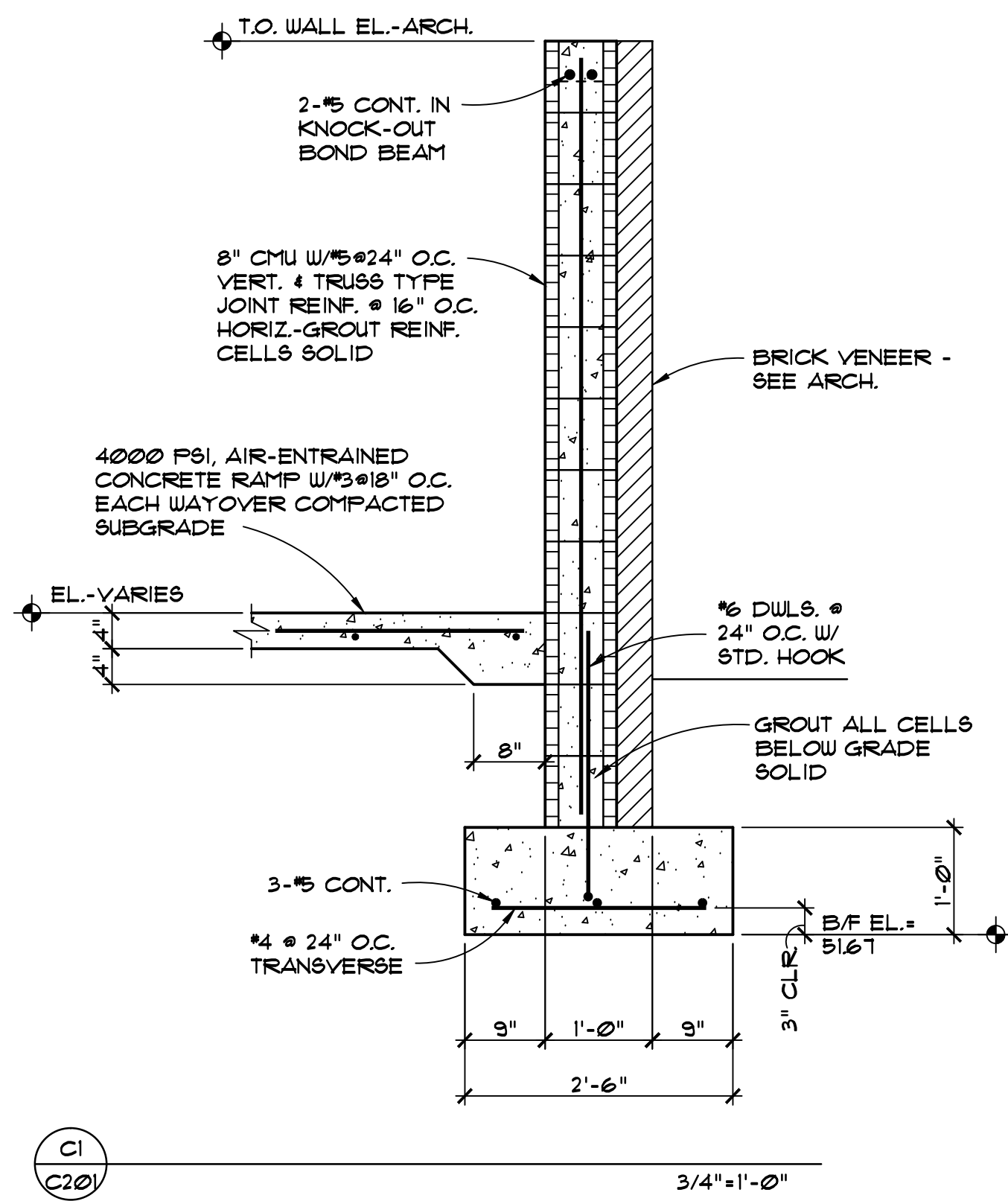
LEGEND

- PROPERTY LINE
- NEW BUILDING LINE
- X 5354.53 EXISTING SPOT ELEVATION
- NEW SPOT ELEVATION
- NEW FLOW DIRECTION ARROW
- TA TOP OF ASPHALT
- TC TOP OF CONCRETE
- FL FLOW LINE
- TG TOP OF GRATE
- INV INVERT ELEVATION
- TW TOP OF WALL
- BW BOTTOM OF WALL
- FG FINISHED GRADE
- FF FINISHED FLOOR
- NEW CONCRETE PAVING
- ROOF DRAIN LOCATION
- ASPHALT REMOVAL AND REPLACEMENT

- KEYED NOTES**
- 4" THICK, 4000 PSI, AIR-ENTRAINED CONCRETE SIDEWALK REINFORCED W/6x6-W/4xW/4 W/WF.
 - CATCH BASIN PER DETAIL A1/C-201
 - 8" PVC C-300 STORM DRAIN
 - CONSTRUCT NEW HEAD WALL PER DETAIL A2/C-201
 - CONCRETE TRENCH PER DETAIL A3/C-201
 - SIDEDWALK CULVERT WITH GRATING PER DETAIL A4/C-201
 - BUILDING RETAINING STEMWALL - SEE STRUCTURAL
 - CONCRETE CHANNEL PENETRATION THROUGH SEAT WALL FOR DRAINAGE - INVERT ELEV. AT OUTLET = 53.10
 - REMOVE AND REPLACE ASPHALT PAVING PER DETAIL A5/C-201
 - NEW 4000 PSI CONCRETE CURB AND GUTTER PER DETAIL A6/C-201
 - 6" THICK, 4000 PSI, AIR-ENTRAINED CONCRETE PAD REINFORCED W/6x6-W/4xW/4 W/WF. - COORDINATE SIZE WITH MECHANICAL EQUIPMENT
 - SEE ARCHITECTURAL FOR SEAT WALL DETAIL



CD	06.18.14	CD's
CD	02.06.12	85% CD's
CD	07.28.11	50% CD's
MARK	DATE	DESCRIPTION



CD	06.18.14	CD%
CD	02.06.12	95% CD%
CD	07.28.11	90% CD%
MARK	DATE	DESCRIPTION

CD	06.18.14	CD%
CD	02.06.12	95% CD%
CD	07.28.11	90% CD%
MARK	DATE	DESCRIPTION



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