


NOTES:

- REFER GENERAL NOTES FOR SPECIFICATIONS
- REFER TO ARCHITECT'S DRAWINGS FOR ALL SET-OUT DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS

REGISTERED PROFESSIONAL ENGINEER

Mr Marcio Rodrigues **Portes** 

MIE Aust CP Eng (Civil/Structural) **NPBR**

Signature _____ Date _____

Registered on the NPBR in the Category of **Civil/Structural**

National Professional Engineers Register

NO INSPECTION = NO CERTIFICATE

IF IN DOUBT ASK

Issue	Description	By	Date
G	ISSUED AS PER COUNCIL	GL	15-09-2020
F	ISSUED AS PER COUNCIL	GL	01-09-2020
E	ISSUED AS PER COUNCIL	GL	05-08-2020
D	ISSUED AS PER COUNCIL	GL	28-05-2020
C	ISSUED FOR COMMENTS	GL	25-10-2019
B	ISSUED AS REQUESTED	GL	02-09-2019

REVISION

ARCHITECTURAL DESIGN

studio Elias Metry

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elias@studioem.com.au

PORTES

Civil & Structural Engineers

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P.O.BOX. 4173 Bexley North NSW 2207
Tel: 02 9703 3650 Mobile: 0412 258 348
Email: info@portes.com.au www.portes.com.au

PROJECT TITLE:

**PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
ELANORA HEIGHTS NSW
FOR COSIMO & KELLY GALLO**

DRAWING TITLE:

**RESIDENTIAL VEHICULAR
CROSSINGS/DRIVEWAYS
CONCEPTUAL PLAN**

DRAWN:	DESIGN:	DRAWING SIZE
GL	MP	A1

DATE:	SCALE: UNO
17-07-2019	1:100 @ A1 1:200 @ A3

PROJECT NUMBER:

19-240

DRAWING NUMBER:

C1.0

ISSUE:

G

NEW DRIVEWAY AND SUBDIVISION BOUNDARIES PLAN

1:125 @ A1

NOTE:

- REFER TO C2.0 FOR MAIN DRIVEWAY DETAILS AND SECTIONS
- REFER TO C3.0 FOR DRIVEWAY (No130) DETAILS AND SECTIONS
- WORKS OUTSIDE BOUNDARY SHALL BE TO RMS STANDARD DRAWING MD R15 A08 A
- WORKS SHALL BE APPROVED BY RMS PRIOR TO CONSTRUCTION.
- WORKS TO BE IN ACCORDANCE TO NORTHERN BEACHES COUNCIL SPECIFICATIONS (PIT WATER INTERNAL DRIVEWAYS CLAUSE B6.1 & B6.2)

EJ EXPANSION JOINT

FULL DEPTH EXPANSION JOINTS SHALL BE PLACED AT THE PROPERTY BOUNDARY, AT THE REAR OF THE LAYBACK AND AT EITHER SIDE OF A PREEEXIST FOOTPATH AND WHERE SHOWN ON PLAN. EXPANSION JOINTING MATERIAL SHALL BE APPROVED BITUMINOUS MATERIAL NOT LESS THAN 10MM THICK.

CJ DUMMY/CONTRACTION JOINT

THE DEPTH OF DUMMY JOINTS SHALL BE 20MM SPACED AT INTERVALS OF APPROX 1.5M APART OR AS SHOWN ON PLANNOTES. THE JOINTS SHALL BE STEEL TROWELLED FINISHED.

GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- ALL DIMENSIONS REFER TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED.
- DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE STRUCTURAL DRAWINGS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL LEVELS ARE EXPRESSED IN METRES.
- DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVERSTRESSED UNDER CONSTRUCTION ACTIVITIES.
- WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE REFER CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS, AND THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM THE ENGINEER BUT IS NOT AN AUTHORIZATION FOR AN EXTRA ANY EXTRAS INVOLVED MUST BE TAKEN UP WITH THE OWNER / CLIENT / ARCHITECT BEFORE THE WORK COMMENCES.

CONCRETE NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 AND OTHER RELEVANT AUSTRALIAN CODES.

REPLACING SA KERB WITH LAYBACK DETAILS

- SAWCUT 50mm AT GUTTER
- DEMOLISH KERB
- INSTALL 500mm N12 GALVANIZED DEFORMED BARS, DRILL AND EPOXY FIX AT 500mm CTRS 250mm INTO EXISTING CONCRETE
- FROM AND POUR LAYBACK IN 32 MPa CONCRETE

REPLACING LAYBACK WITH SA KERB DETAILS

- SAWCUT 50mm AT GUTTER
- DEMOLISH LAYBACK
- INSTALL 350mm X 200mm N12 GALVANIZED DEFORMED BARS, DRILL AND EPOXY FIX AT 500mm CTRS 250mm INTO EXISTING CONCRETE
- FROM AND POUR KERB IN 32 MPa CONCRETE

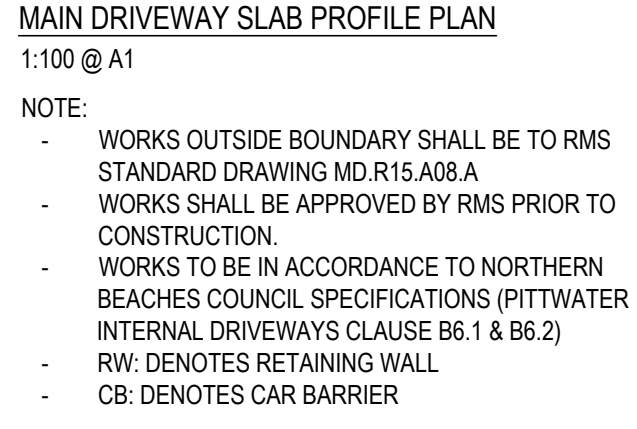
IF IN DOUBT ASK

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NOTES:

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2. REFER TO ARCHITECTS DRAWINGS FOR ALL SET-OUT DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS



NOTE:

- WORKS OUTSIDE BOUNDARY SHALL BE TO RMS STANDARD DRAWING MD.R15.A08.A
- WORKS SHALL BE APPROVED BY RMS PRIOR TO CONSTRUCTION.
- WORKS TO BE IN ACCORDANCE TO NORTHERN BEACHES COUNCIL SPECIFICATIONS (PITTWATER INTERNAL DRIVEWAYS CLAUSE B6.1 & B6.2)
- RW: DENOTES RETAINING WALL
- CB: DENOTES CAR BARRIER

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Issue	Description	By	Date
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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

Civil & Structural Engineers

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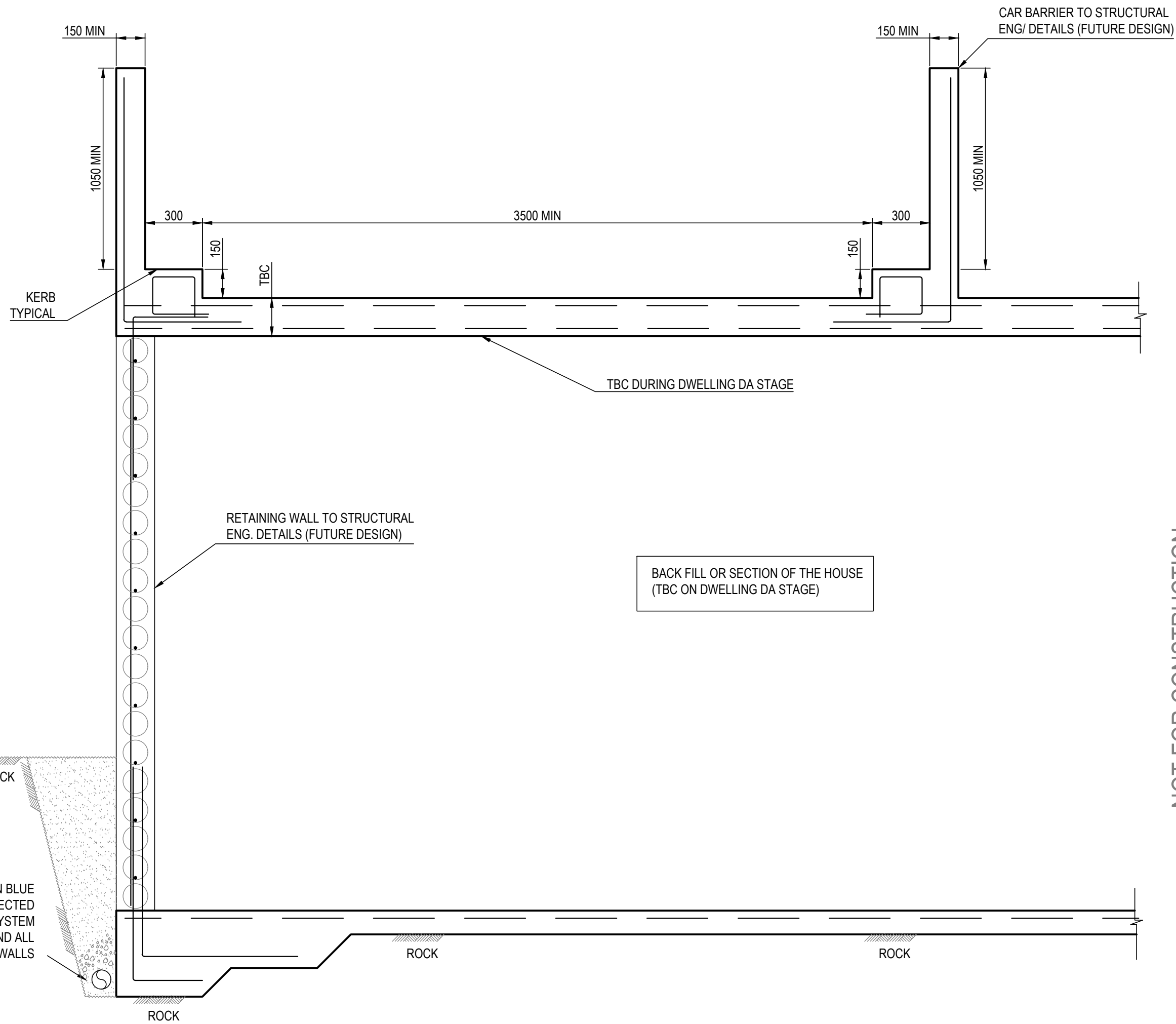
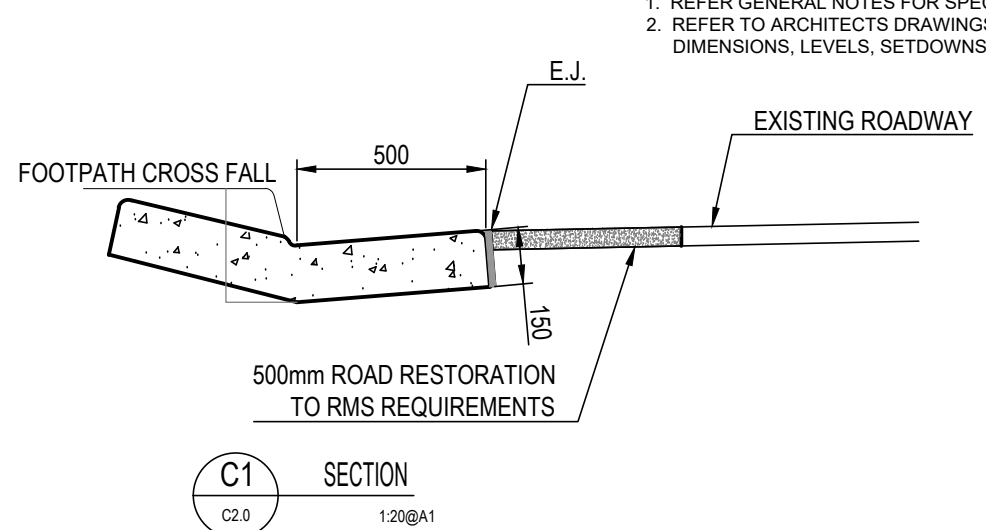
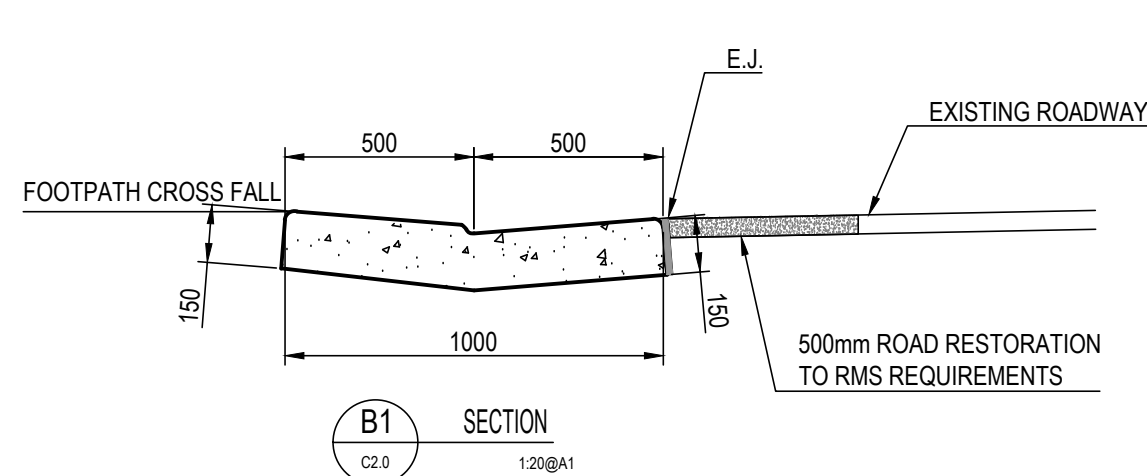
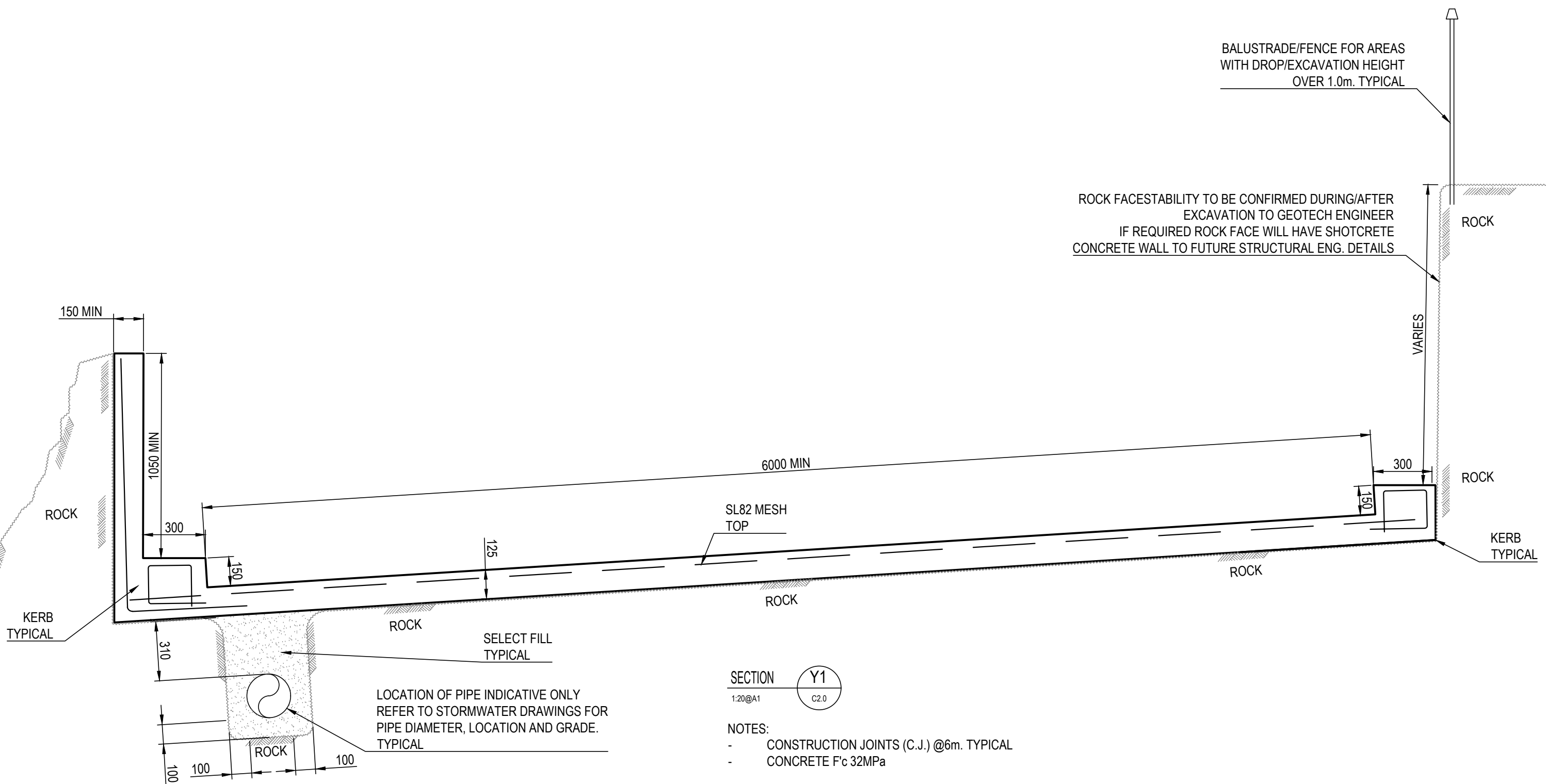
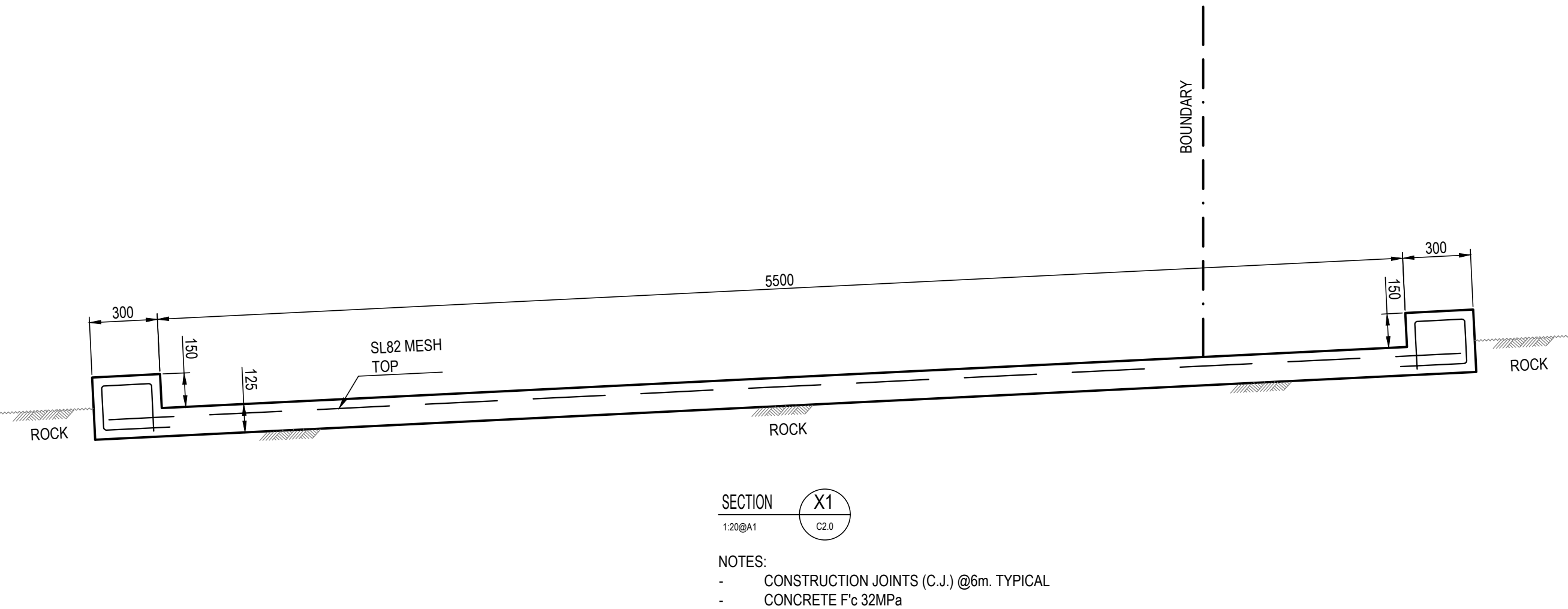
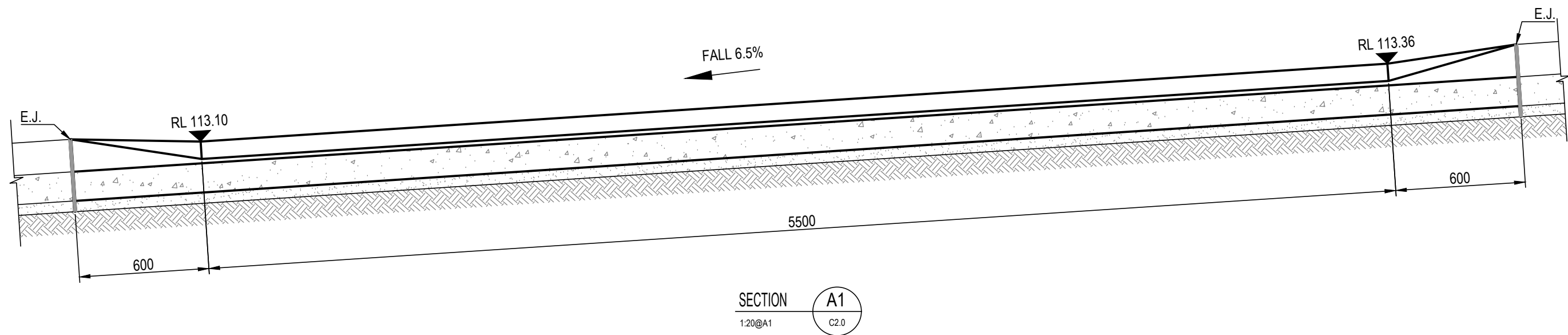
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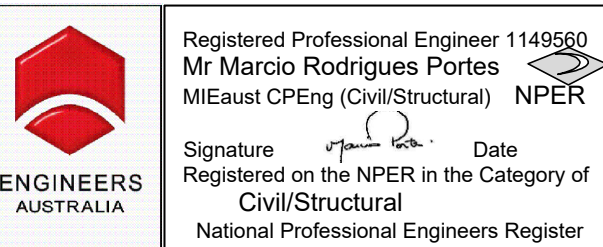
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| D | ISSUED AS PER COUNCIL | GL | 15-09-2020 |
| C | ISSUED AS PER COUNCIL | GL | 01-09-2020 |
| B | ISSUED AS PER COUNCIL | GL | 05-08-2020 |
| A | ISSUED AS PER COUNCIL | GL | 28-05-2020 |

REVISION

ARCHITECTURAL DESIGN

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PROJECT TITLE:
PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
ELANORA HEIGHTS NSW
for COSIMO & KELLY GALLO

DRAWING TITLE:
PROPOSED
DRIVEWAY/CROSSING 1
SECTIONS

DRAWN: GL
DESIGN: MP
DRAWING SIZE: A1

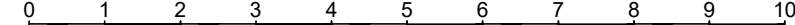
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SCALE: UNO
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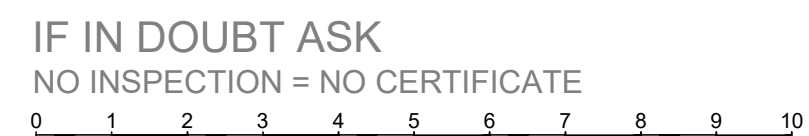
PROJECT NUMBER:
19-240

DRAWING NUMBER:
C2.1

ISSUE: D

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NO INSPECTION = NO CERTIFICATE





ALL DRAWINGS, REPORTS, SPECIFICATIONS, BILLS OF QUANTITIES, CALCULATIONS AND ANY OTHER RELEVANT DOCUMENTS
WITH THIS PROJECT SHALL REMAIN INVESTED IN BGS'S Bv. Limited. PROVIDED BY BGS'S Bv. Limited IN CONNECTION HEREBY IN

SPORTS



IF IN DOUBT ASK

[illegible]

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PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
ELANORA HEIGHTS NSW
for COSIMO & KELLY GALLO

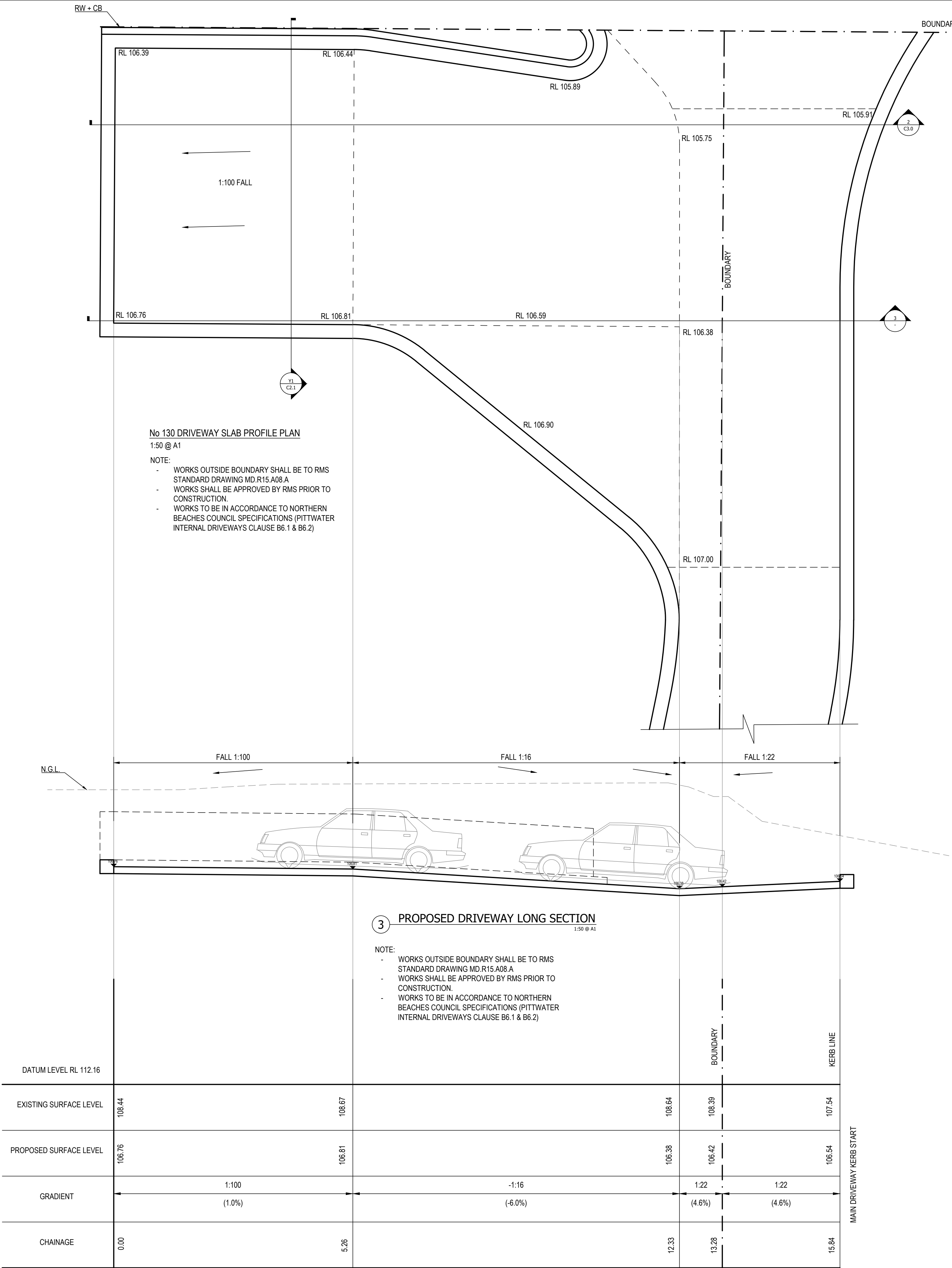
PROPOSED
DRIVEWAY/CROSSING (No 130)
PLAN & SECTIONS

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| DATE: | SCALE: UNO |
| 17-07-2019 | 1:100 @ A1
1:200 @ A3 |

19-240

DRAWING NUMBER:
C3.0

ISSUE: D



NOTES:
1. REFER GENERAL NOTES FOR SPECIFICATIONS
2. REFER TO ARCHITECT'S DRAWINGS FOR ALL SET-OUT DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS

ENGINEERS AUSTRALIA

Registered Professional Engineer 1149560
Mr Marcio Rodrigues Portes
MIEaust CPEng (Civil/Structural) NPER

Signature: [Signature] Date: [Date]
Registered on the NPER in the Category of Civil/Structural
National Professional Engineers Register

NOT FOR CONSTRUCTION

| NO INSPECTION = NO CERTIFICATE | | | |
|--------------------------------|-----------------------|----|------------|
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PROJECT TITLE:

PROPOSED DRIVEWAY CROSSING
AT 130 & 132 ELANORA ROAD,
ELANORA HEIGHTS NSW
for COSIMO & KELLY GALLO

DRAWING TITLE:

PROPOSED
DRIVEWAY/CROSSING (No 130)
PLAN & SECTIONS

| DRAWN: | DESIGN: | DRAWING SIZE |
|------------|---------|--------------------------|
| GL | MP | A1 |
| DATE: | | SCALE: UNO |
| 17-07-2019 | | 1:100 @ A1
1:200 @ A3 |

PROJECT NUMBER:

19-240

DRAWING NUMBER:

C3.1

ISSUE:

A

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