DAFTAR PUSTAKA

American Earth Anchor Inc. (n.d.). *American Earth Anchor*. https://americanearthanchors.com/

ASTM International. (1972). *Standard test method for specific gravity of soils (ASTM D854-72)*. ASTM International.

ASTM International. (1998). *Standard test method for laboratory determination of density (unit weight) of soil (ASTM D2216-98)*. ASTM International.

ASTM International. (2002). *Standard test method for direct shear test of soils under consolidated drained conditions (ASTM D5607-02)*. ASTM International.

ASTM International. (2004). *Standard test method for relative density (specific gravity) and absorption of fine aggregate (ASTM C128-04)*. ASTM International.

ASTM International. (2006). *Standard test method for sieve analysis of fine and coarse aggregates (ASTM C136-06)*. ASTM International.

ASTM International. (2006). *Standard test methods for minimum index density and unit weight of soils and calculation of relative density (ASTM D4254-06)*. ASTM International.

ASTM International. (2011). *Standard test methods for laboratory determination of water (moisture) content of soil and rock by mass (ASTM D7063-11)*. ASTM International.

ASTM International. (2011). *Standard practice for classification of soils for engineering purposes (Unified Soil Classification System) (ASTM D2487–11)*. ASTM International.

ASTM International. (2016). ASTM D4254−16: Standard test methods for minimum index density and unit weight of soils and calculation of relative density. West Conshohocken, PA: ASTM International.

Badan Standardisasi Nasional. (1989). *Metode pengujian berat isi tanah jenuh (SNI 03-1743-1989)*. BSN.

Badan Standardisasi Nasional. (1990). *Metode pengujian analisa saringan agregat halus dan kasar (SNI 03-1968-1990)*. BSN.

Badan Standardisasi Nasional. (1990). *Metode pengujian berat jenis tanah (SNI 03-1964-1990)*. BSN.

Badan Standardisasi Nasional. (1990). *Metode pengujian kadar air tanah (SNI 03-1965-1990)*. BSN.

Badan Standardisasi Nasional. (1991). *Metode pengujian angka pori tanah (SNI 03-2473-1991)*. BSN.

Badan Standardisasi Nasional. (1994). *Metode pengujian porositas tanah (SNI 13-3604-1994)*. BSN.

Badan Standardisasi Nasional. (2008). *Metode pengujian berat isi kering tanah (SNI 03-1970-2008)*. BSN.

Badan Standardisasi Nasional. (2011). *Metode pengujian geser langsung tanah (SNI 2824:2011)*. BSN.

Balla, A. (1961). The resistance to breaking-out of mushroom foundations for pylons. In *Proceedings of the 5th International Conference on Soil Mechanics and Foundation Engineering* (pp. 569–576).

Banks, S. (2023, July 10). New thread bar adapter from Chance improves tieback installation efficiency. *Deep Foundations*. https://www.deepfoundations.com

Bhardwaj, S., & Singh, S. K. (2014). Pullout capacity of model micropile under oblique loads. In *Proceedings of Indian Geotechnical Conference, 2013*.

Bradshaw, A. S., Giampa, J. R., Gerkus, H., Jalilvand, S., Fanning, J., Nanda, S., Gilbert, R., Gavin, K., & Sivakumar, V. (2016). Scaling considerations for 1-g model horizontal plate anchor tests in sand. *Geotechnical Testing Journal, 39*(6). https://doi.org/10.1520/GTJ20160042

Chow, S. H., Le, J., Forsyth, M., & O'Loughlin, C. D. (2018). Capacity of vertical and horizontal plate anchors in sand under normal and shear loading. In *Physical Modelling in Geotechnics* (Vol. 1). https://doi.org/10.1201/9780429438660-82

Das, B. M. (1990). *Principles of foundation engineering* (2nd ed.). PWS-KENT Publishing.

Das, B. M., & Shukla, S. K. (2013). *Earth anchor* (2nd ed.). J. Ross Publishing.

Djamaluddin, A. R., Arsyad, A., Maricar, M. I., Oemar, I., Samang, L., & Burhan, M. I. (2020). Experimental study of pullout capacity of stard plate anchor. In *Proceedings of the 7th International Conference on Asian and Pacific Coasts (APAC 2013)* (pp. 1068–1072).

Emirler, B., Tolun, M., & Laman, M. (2016). Experimental investigation of the uplift capacity of group anchor plates embedded in sand. *Geomechanics and Engineering, 11*(5), 691–704. https://doi.org/10.12989/gae.2016.11.5.691

Ganesh, R., & Sahoo, J. P. (2019). Vertical uplift capacity of a group of shallow circular plate anchors in sand. *Marine Georesources & Geotechnology, 37*(3), 282–290. https://doi.org/10.1080/1064119X.2017.1410868

Gerkus, H., Giampa, J. R., Senanayake, A. I., Lai, Y., Huang, Y., Iturriaga Flores, J. E., Breithaupt, N. B., Sivarajah, S., Bradshaw, A. S., & Gilbert, R. B. (2016). Preliminary development of a new concept to improve the sustainability of offshore foundations. https://doi.org/10.1061/9780784480137.044

Ghaly, A., & Hanna, A. (1994). Ultimate pullout resistance of single vertical anchors. *Canadian Geotechnical Journal, 31*(5), 673–682. https://doi.org/10.1139/t94-078

Hanna, A., Ayadat, T., & Sabry, M. (2007). Pullout resistance of single vertical shallow helical and plate anchors in sand. *Geotechnical and Geological Engineering, 25*(5), 559–573. https://doi.org/10.1007/s10706-007-9129-4

c, A. J., Harianto, T., Djamaluddin, A. R., & Muhiddin, A. B. (2024). Study on pull-up behavior of double fold anchor with field full scale test. *Civil Engineering Journal (Iran), 10*(12), 3998–4007. https://doi.org/10.28991/CEJ-2024-010-12-012

Hsu, S. T., & Liao, H. J. (1998). Uplift behaviour of cylindrical anchors in sand. *Canadian Geotechnical Journal, 35*(1), 70–80. https://doi.org/10.1139/t97-067

Hu, W., Meng, J. W., Yao, C., & Lei, Y. (2020). A method for calculating vertical pullout ultimate bearing capacity of shallow circular anchor plate. *Yantu Lixue/Rock and Soil Mechanics, 41*(9). https://doi.org/10.16285/j.rsm.2019.2070

Ilamparuthi, K., Dickin, E. A., & Muthukrisnaiah, K. (2002). Experimental investigation of the uplift behaviour of circular plate anchors embedded in sand. *Canadian Geotechnical Journal, 39*(3), 648–660. https://doi.org/10.1139/t02-005

Jamiolkowski, M., Lo Presti, D. C. F., & Manassero, M. (2003). Evaluation of relative density and shear strength of sands from CPT and DMT. In *Proceedings of a Conference on Soil and Rock America* (Vol. 40659, pp. 201–238). https://doi.org/10.1061/40659(2003)7

Liu, J. (2012). Experimental and numerical investigation of the influence of dilatancy on a shallow anchor plate in sand. In *Sustainable Transportation Systems: Plan, Design, Build, Manage, and Maintain - Proceedings of the 9th Asia Pacific Transportation Development Conference*. https://doi.org/10.1061/9780784412299.0077

Liu, M., Liu, J., & Gao, H. (2010). Displacement field of an uplifting anchor in sand. https://doi.org/10.1061/41106(379)33

Majer, J. (1995). Zur Berechnung von Zugfundamenten. *Österreichische Bauzeitschrift, 10*(5), 85–90.

Maming, M. I., Djamaluddin, A. R., Harianto, T., & Muhiddin, A. B. (2022). Model test of the pull-up capacity of folding type ground anchors in cohesive soil. *Civil Engineering Journal (Iran), 8*(9), 1846–1856. https://doi.org/10.28991/CEJ-2022-08-09-07

Merifield, R. S., Lyamin, A. V., & Sloan, S. W. (2006). Three-dimensional lower-bound solutions for the stability of plate anchors in sand. *Geotechnique, 56*(2), 123–132. https://doi.org/10.1680/geot.2006.56.2.123

Meyerhof, G. G., & Adams, J. I. (1968). Ultimate uplift capacity of foundations. *Canadian Geotechnical Journal, 5*(4), 225–244. https://doi.org/10.1139/t68-024

Mors, H. (1959). Das Verhalten von Mastgründungen bei Zugbeanspruchung. *Bautechniknq, 39*(10), 367–378.

Musial, W., Butterfield, S., & Boone, A. (2004). Feasibility of floating platform systems for wind turbines. In *Collection of ASME Wind Energy Symposium Technical Papers AIAA Aerospace Sciences Meeting and Exhibit* (pp. 476–486). https://doi.org/10.2514/6.2004-1007

Pham, et al. (2019). *Modeling and service life monitoring of mooring lines of floating wind turbines* [Master's thesis].

Ren, M., Jiang, T., Liu, C., Zhang, J., & Wang, L. (2022). Deformation characteristics of sandy soil around a plate anchor under lateral loading. *Geofluids, 2022*, Article ID 1117143. https://doi.org/10.1155/2022/1117143

Sabatini, P. J., Pass, D. G., & Bachus, R. (1999). *Geotechnical engineering circular: Ground anchors and anchored systems* (No. 4).

Sabermahani, M., & Nasirabadi, M. S. (2020). Displacement field around an uplifting innovated plate anchor. *Acta Geodynamica et Geomaterialia, 17*(1), 119–132. https://doi.org/10.13168/AGG.2020.0009

Sahoo, J. P., & Ganesh, R. (2018). Vertical uplift resistance of rectangular plate anchors in two layered sand. *Ocean Engineering, 150*, 167–175. https://doi.org/10.1016/j.oceaneng.2017.12.056

Schneider, J. A., & Senders, M. (2010). Foundation design: A comparison of oil and gas platforms with offshore wind turbines. *Marine Technology Society Journal, 44*(1), 32–40. https://doi.org/10.4031/MTSJ.44.1.5

Srinivasan, V., Ghosh, P., & Santhoshkumar, G. (2020). Experimental and numerical analysis of interacting circular plate anchors embedded in homogeneous and layered cohesionless soil. *International Journal of Civil Engineering, 18*(2), 159–172. https://doi.org/10.1007/s40999-019-00441-2

Tan,C.S.(2011).*Understanding ground anchors*. https://shineigeotechnique.com/understand-ground-anchors/#what-are ground-anchors

Vesić, A. S. (1971). Breakout resistance of objects embedded in ocean bottom. *Journal of the Soil Mechanics and Foundations Division, 97*(9), 1183–1205. https://doi.org/10.1061/jsfeaq.0001659

Veesaert, C. J. (1977). Resistensi tarik dinamis angkur yang tertanam dalam pasir kering (Tesis Magister yang tidak dipublikasikan). University of Missouri–Rolla.

Yoshida, S., Komura, K., Matsumoto, T., & Yoshida, T. (2020). Pull-out experiment of two-dimensional model flip-type ground anchors installed in dry sand ground. In *Lecture Notes in Civil Engineering* (Vol. 62). https://doi.org/10.1007/978-981-15-2184-3_164

Yoshida, S., Xiong, X., Matsumoto, T., & Yoshida, M. (2021). Field pull-out experiments of flip-type ground anchors driven in ground of clay and sand layers. *International Journal of GEOMATE, 20*(78), 115–122. https://doi.org/10.21660/2021.78.Gx147

Zhang, S., Wang, Y., Li, C., Li, Q., & Yang, D. (2022). Microscopic bearing behavior of horizontally loaded vertical plate anchors in sandy soil. *Advances in Civil Engineering, 2022*, Article ID 7371229. https://doi.org/10.1155/2022/7371229

Zhuang, P. Z., & Yu, H. S. (2018). Uplift resistance of horizontal strip anchors in sand: A cavity expansion approach. *Geotechnique Letters, 8*(4), 284–289. https://doi.org/10.1680/jgele.18.00083